

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090401.D
 Acq On : 6 Oct 2016 1:07
 Operator : UM/SJ
 Sample : H5061-28MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

Manual Integrations
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 10/6/2016 5:27:44 PM

Quant Time: Oct 06 02:17:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	236735	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	998732	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	491828	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	790097	20.00	ng	0.00
75) Chrysene-d12	14.19	240	537098	20.00	ng	-0.01
86) Perylene-d12	15.70	264	427861	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1790232	112.86	ng	0.01
7) Phenol-d6	6.62	99	2351572	113.19	ng	0.00
23) Nitrobenzene-d5	7.57	82	1539965	75.00	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	520322	130.11	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2011680	68.15	ng	-0.01
78) Terphenyl-d14	13.14	244	1918501	80.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	234585	30.00	ng	# 94
3) Pyridine	3.54	79	739516	33.92	ng	# 84
4) n-Nitrosodimethylamine	3.47	42	338409	37.61	ng	# 66
6) Aniline	6.66	93	884978	30.84	ng	97
8) 2-Chlorophenol	6.78	128	614617	35.21	ng	85
9) Benzaldehyde	6.54	77	292571	27.86	ng	87
10) Phenol	6.65	94	921554	38.15	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	729559	39.45	ng	96
12) 1,3-Dichlorobenzene	6.94	146	630975m	36.26	ng	
13) 1,4-Dichlorobenzene	7.02	146	671118	37.97	ng	97
14) 1,2-Dichlorobenzene	7.17	146	595021	34.94	ng	96
15) Benzyl Alcohol	7.14	79	616817	39.06	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1180873	37.65	ng	92
17) 2-Methylphenol	7.25	107	567853	39.56	ng	99
18) Hexachloroethane	7.53	117	250325	35.93	ng	# 89
19) n-Nitroso-di-n-propylamine	7.41	70	574481	37.71	ng	# 84
20) 3+4-Methylphenols	7.40	107	725253	39.03	ng	92
22) Acetophenone	7.41	105	912848	38.59	ng	# 95
24) Nitrobenzene	7.58	77	721213	35.38	ng	95
25) Isophorone	7.82	82	1398034	37.24	ng	96
26) 2-Nitrophenol	7.90	139	335579	38.25	ng	# 76
27) 2,4-Dimethylphenol	7.94	122	601007	35.23	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	930595	41.92	ng	# 96
29) 2,4-Dichlorophenol	8.14	162	471834	36.37	ng	88
30) 1,2,4-Trichlorobenzene	8.23	180	532371	39.82	ng	98
31) Naphthalene	8.31	128	1796596	37.29	ng	99
32) Benzoic acid	7.99	122	44763	3.77	ng	# 86
33) 4-Chloroaniline	8.36	127	561894	28.21	ng	# 91
34) Hexachlorobutadiene	8.44	225	259308	34.72	ng	97
35) Caprolactam	8.73	113	178824m	41.00	ng	
36) 4-Chloro-3-methylphenol	8.84	107	643958	39.65	ng	99
37) 2-Methylnaphthalene	9.01	142	1212754	41.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	471404	36.35	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	530953	74.70	ng	98

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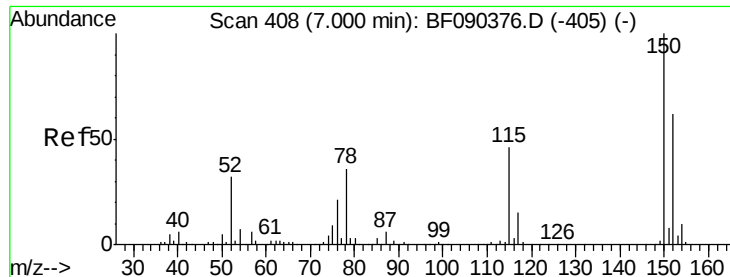
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	363759	40.65	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	342618m	40.49	nq	
45) 1,1'-Biphenyl	9.47	154	1295335	35.54	nq	93
46) 2-Chloronaphthalene	9.50	162	1077813	40.03	nq	# 92
47) 2-Nitroaniline	9.58	65	415670	39.12	nq	# 82
48) Acenaphthylene	9.91	152	1632545	36.74	nq	99
49) Dimethylphthalate	9.78	163	2204440	69.99	nq	99
50) 2,6-Dinitrotoluene	9.83	165	311702	44.57	nq	# 78
51) Acenaphthene	10.09	154	1072181	38.70	nq	99
52) 3-Nitroaniline	9.99	138	263952	32.31	nq	84
53) 2,4-Dinitrophenol	10.10	184	170159	54.57	nq	# 1
54) Dibenzofuran	10.26	168	1411414	39.36	nq	91
55) 4-Nitrophenol	10.15	139	486155	68.02	nq	95
56) 2,4-Dinitrotoluene	10.23	165	393838	42.32	nq	# 39
57) Fluorene	10.60	166	1181672	39.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	268761	42.54	nq	# 78
59) Diethylphthalate	10.47	149	1297859	39.82	nq	# 92
60) 4-Chlorophenyl-phenylether	10.60	204	564427	41.19	nq	# 83
61) 4-Nitroaniline	10.61	138	329315	40.01	nq	94
62) Azobenzene	10.76	77	1713312	45.51	nq	87
64) 4,6-Dinitro-2-methylphenol	10.65	198	188172	36.72	nq	# 55
65) n-Nitrosodiphenylamine	10.71	169	1115882	42.15	nq	98
66) 4-Bromophenyl-phenylether	11.09	248	325095	41.98	nq	# 84
67) Hexachlorobenzene	11.16	284	337740	39.16	nq	# 84
68) Atrazine	11.24	200	317869	48.69	nq	97
69) Pentachlorophenol	11.34	266	395892	77.11	nq	99
70) Phenanthrene	11.57	178	1807826	44.68	nq	98
71) Anthracene	11.62	178	1596620	38.64	nq	98
72) Carbazole	11.78	167	1579198	41.14	nq	# 95
73) Di-n-butylphthalate	12.11	149	2077881	44.48	nq	# 97
74) Fluoranthene	12.76	202	1583802	39.91	nq	99
76) Benzidine	12.88	184	808551	57.25	nq	99
77) Pyrene	12.99	202	1521351	42.48	nq	99
79) Butylbenzylphthalate	13.61	149	757283	41.21	nq	# 72
80) Benzo(a)anthracene	14.18	228	1318465	43.75	nq	98
81) 3,3'-Dichlorobenzidine	14.14	252	365332	33.44	nq	# 98
82) Chrysene	14.22	228	1264434	45.59	nq	98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1102309	42.20	nq	# 97
84) Di-n-octyl phthalate	14.80	149	1660482	42.88	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.22	276	1018299	51.50	nq	# 93
87) Benzo(b)fluoranthene	15.25	252	999457	36.67	nq	# 95
88) Benzo(k)fluoranthene	15.29	252	1047596m	40.92	nq	
89) Benzo(a)pyrene	15.63	252	959749	40.86	nq	# 95
90) Dibenzo(a,h)anthracene	17.24	278	869508	43.51	nq	97
91) Benzo(g,h,i)perylene	17.68	276	833136	43.44	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

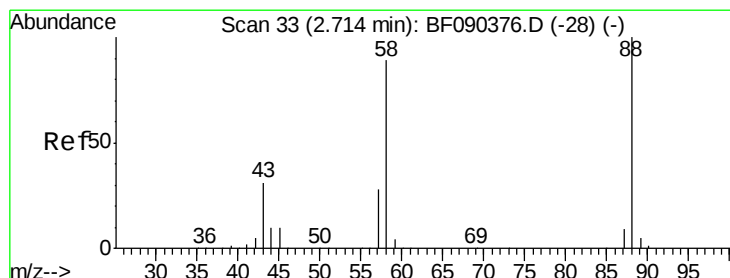
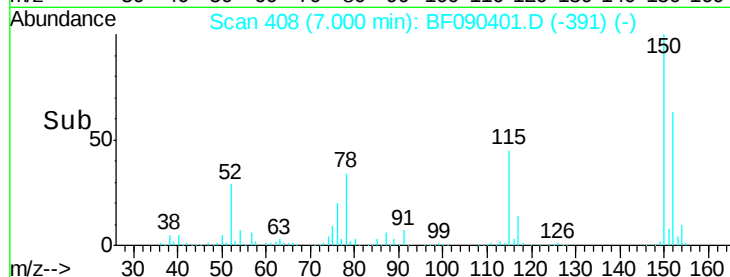
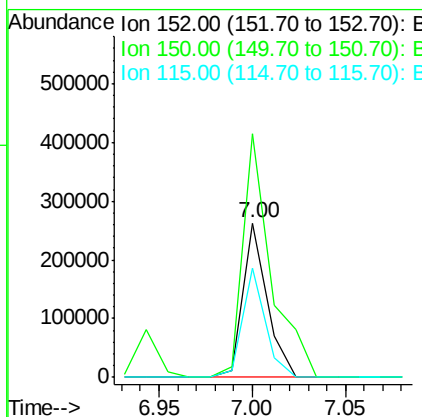
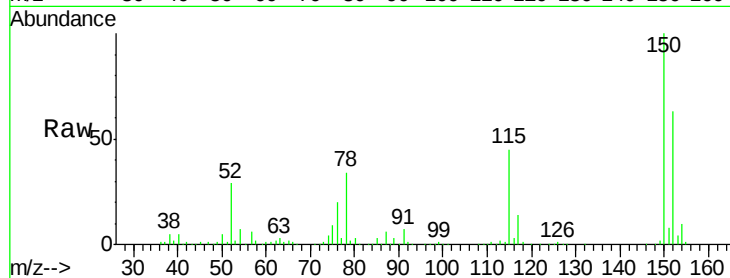
ClientSampleId :

SUP-B003-5-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	70.9	46.2	69.4

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#2

1,4-Dioxane

Concen: 30.00 ng

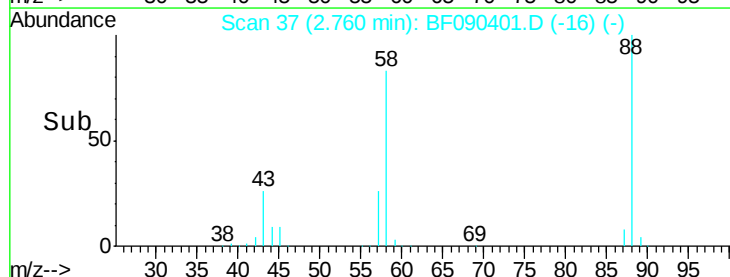
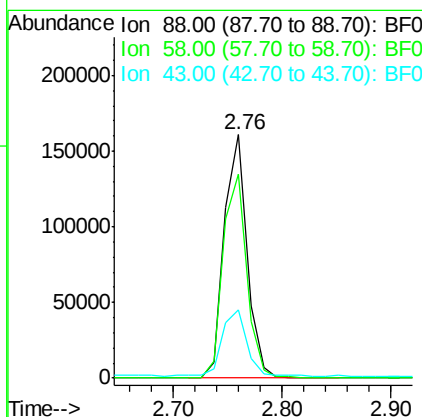
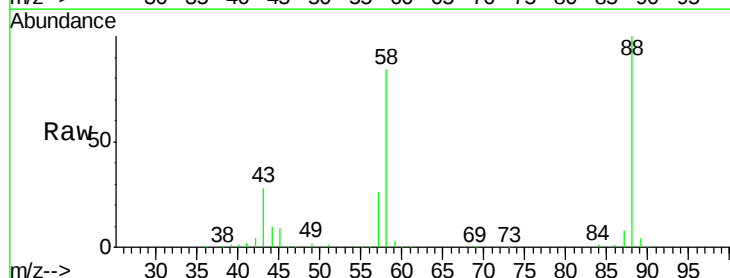
RT: 2.76 min Scan# 37

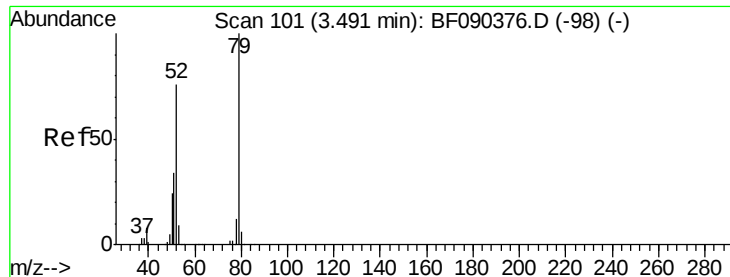
Delta R.T. 0.05 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	71.2	106.8
43	29.1	29.8	44.6





#3

Pvridine

Concen: 33.92 ng

RT: 3.54 min Scan# 105

Delta R.T. 0.05 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

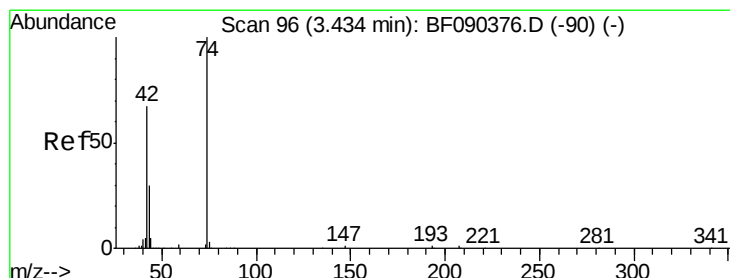
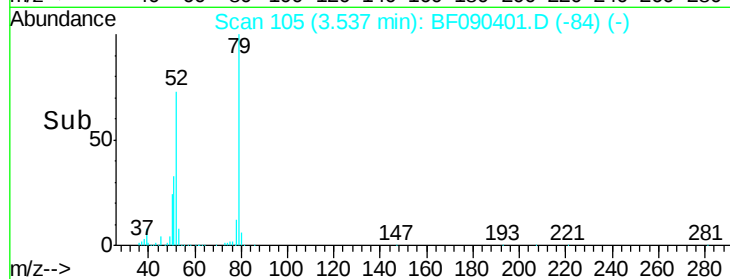
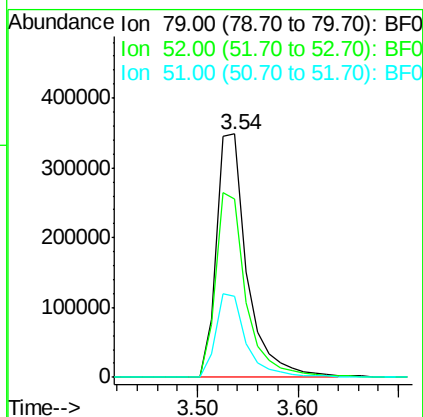
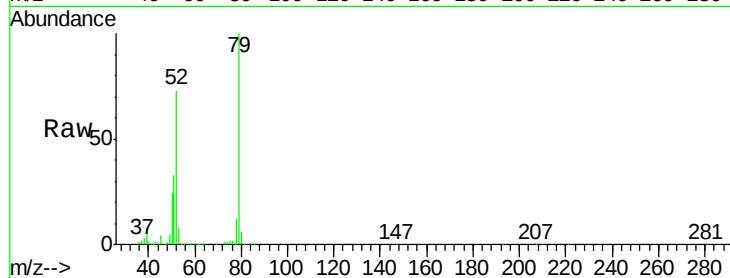
ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:	79	Resp:	739516
Ion Ratio	Lower	Upper	
79	100		
52	73.1	71.3	106.9
51	33.5	34.5	51.7#

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#4

n-Nitrosodimethylamine

Concen: 37.61 ng

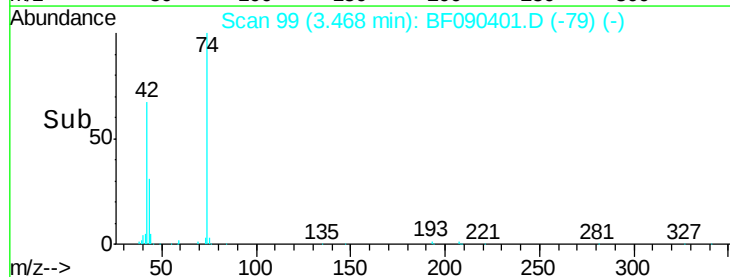
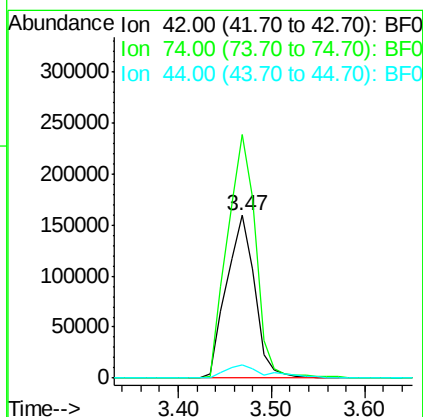
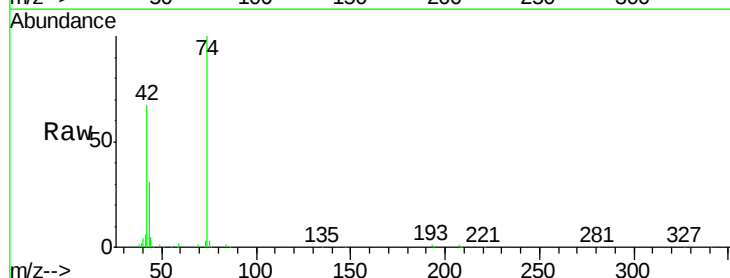
RT: 3.47 min Scan# 99

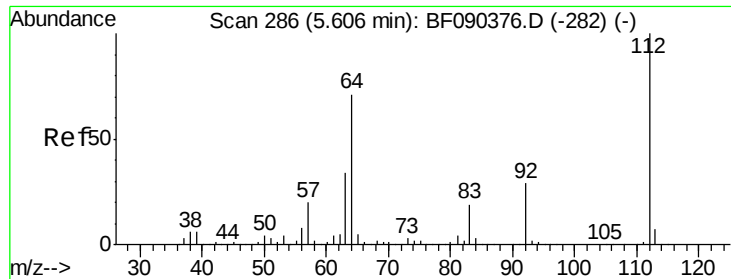
Delta R.T. 0.03 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion:	42	Resp:	338409
Ion Ratio	Lower	Upper	
42	100		
74	149.7	88.9	133.3#
44	8.0	6.5	9.7





#5

2-Fluorophenol

Concen: 112.86 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:112 Resp: 1790232

Ion Ratio Lower Upper

112 100

64 64.7 57.9 86.9

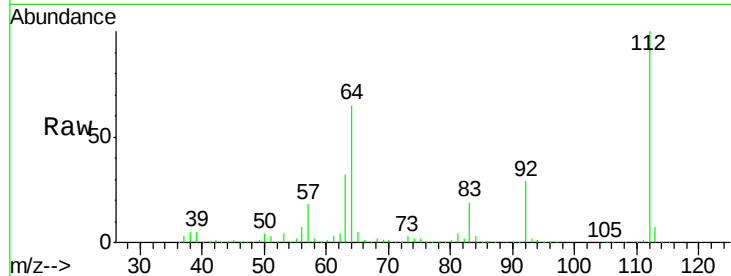
63 31.6 29.6 44.4

Manual Integrations

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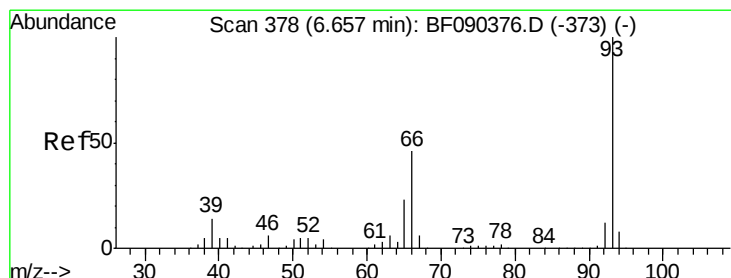
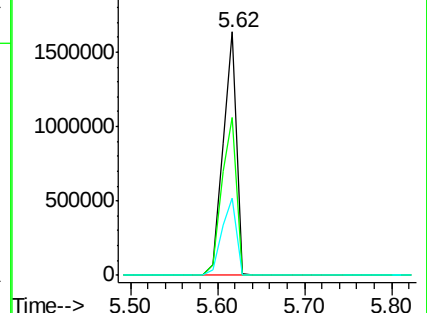
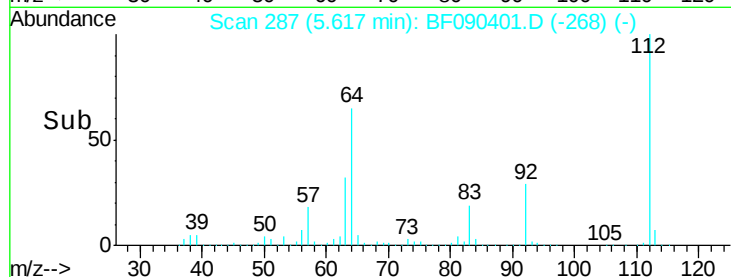
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.84 ng

RT: 6.66 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

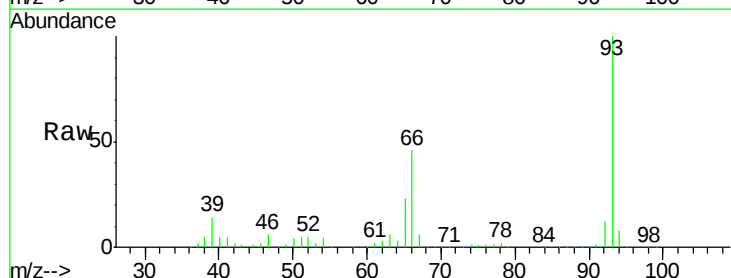
Tgt Ion: 93 Resp: 884978

Ion Ratio Lower Upper

93 100

66 45.8 34.5 51.7

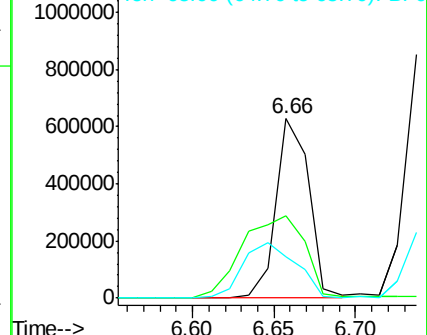
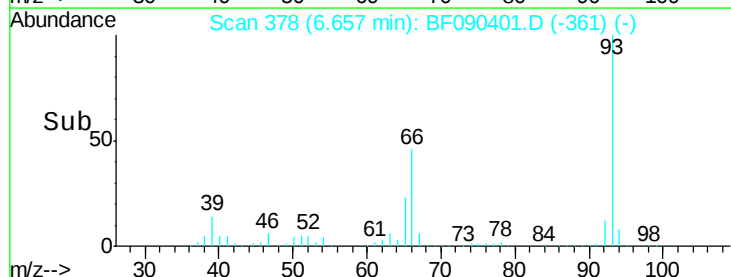
65 23.1 18.2 27.2

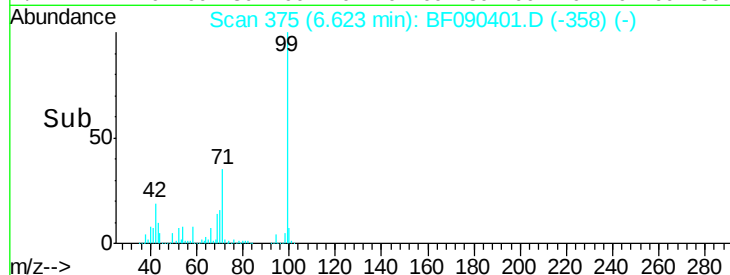
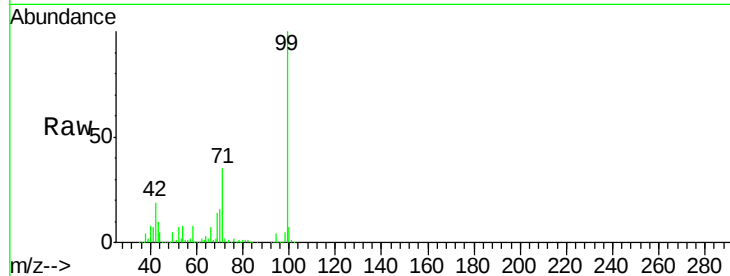
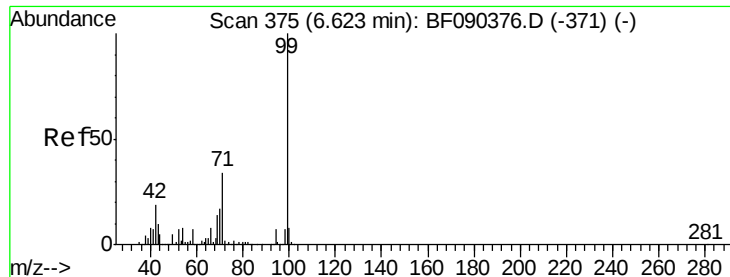


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.19 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tot Ion: 99 Resp: 2351572

Ion Ratio Lower Upper

99 100

42 18.9 20.0 30.0#

71 34.8 27.9 41.9

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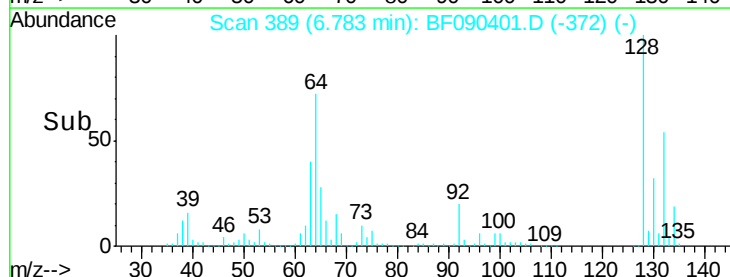
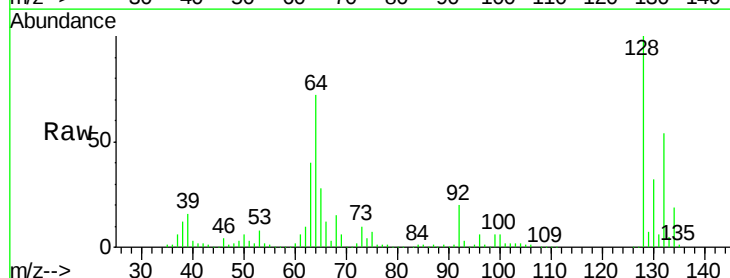
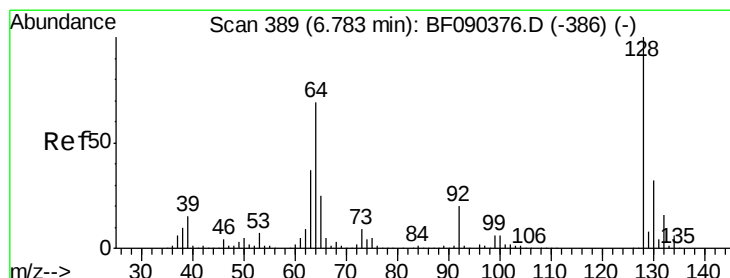
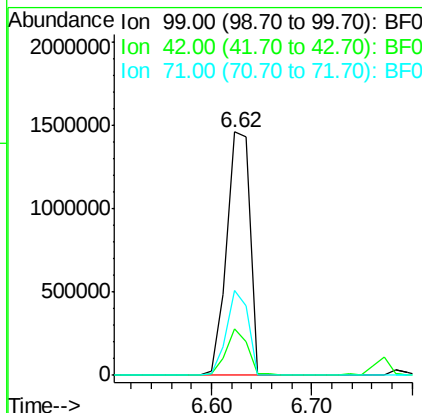
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#8

2-Chlorophenol

Concen: 35.21 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

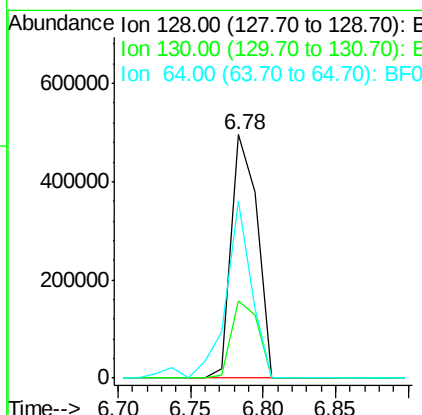
Tgt Ion: 128 Resp: 614617

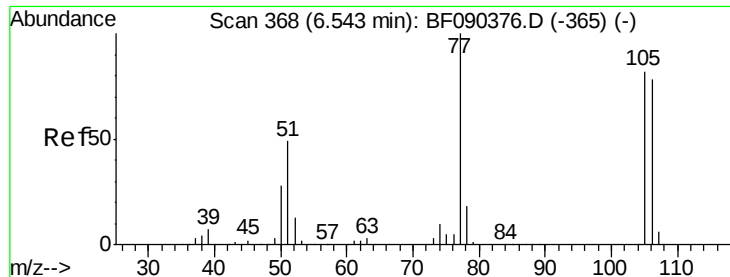
Ion Ratio Lower Upper

128 100

130 32.0 13.3 53.3

64 72.5 36.0 76.0





#9

Benzaldehyde

Concen: 27.86 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

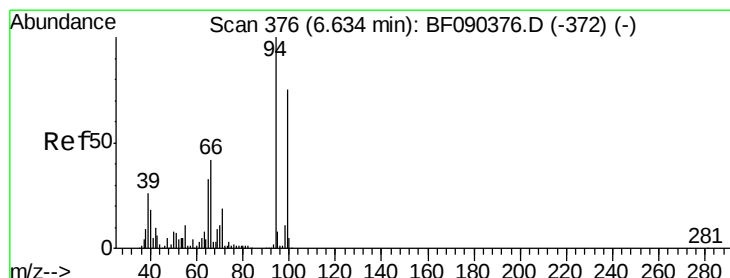
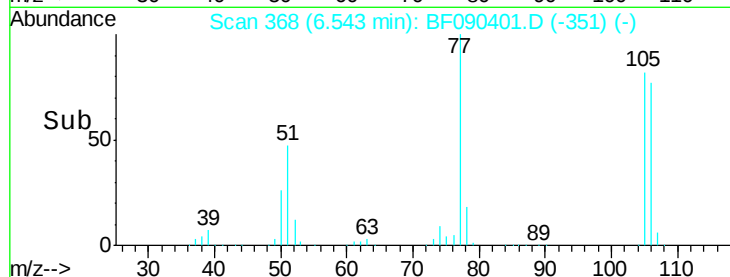
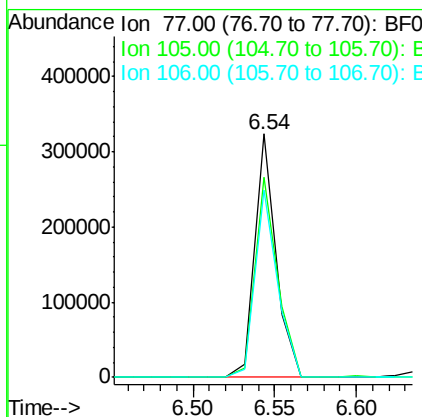
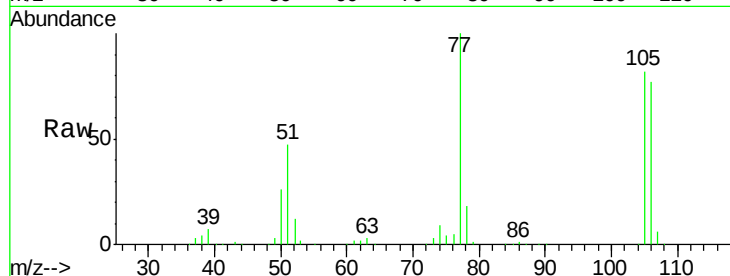
ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:	77	Resp:	292571
Ion Ratio	Lower	Upper	
77	100		
105	82.2	73.1	113.1
106	77.0	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 38.15 ng

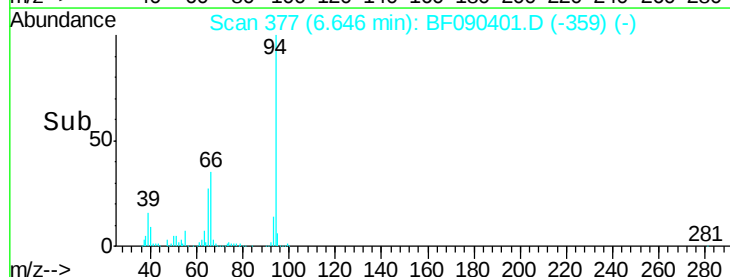
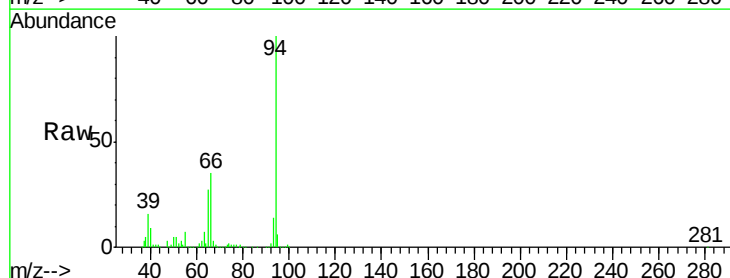
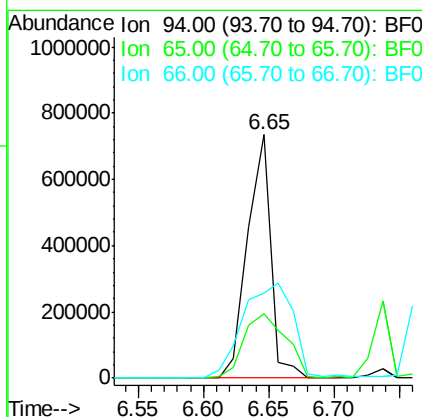
RT: 6.65 min Scan# 377

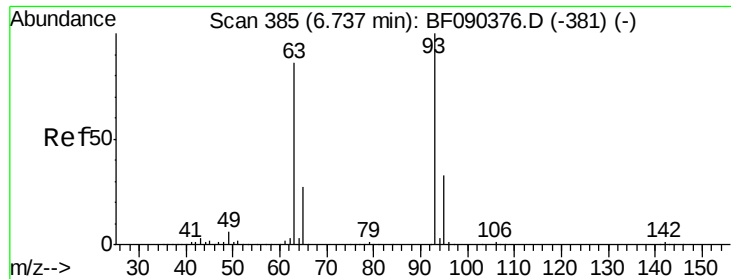
Delta R.T. 0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion:	94	Resp:	921554
Ion Ratio	Lower	Upper	
94	100		
65	26.7	13.3	53.3
66	34.9	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 39.45 ng

RT: 6.74 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

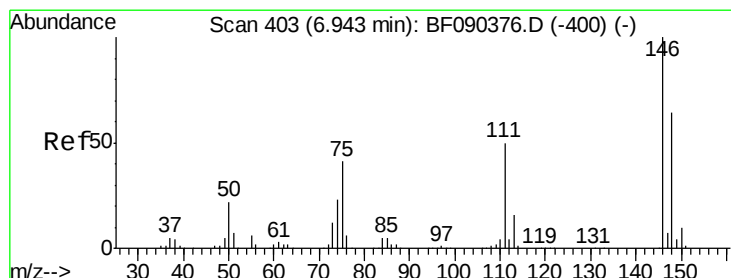
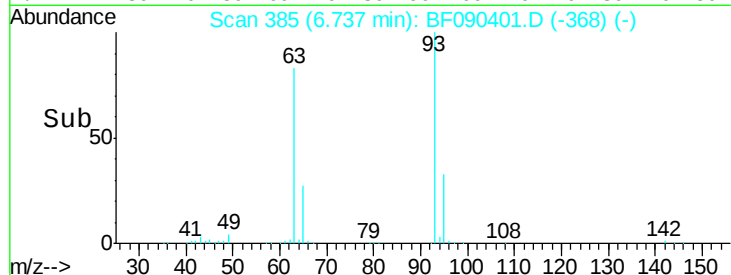
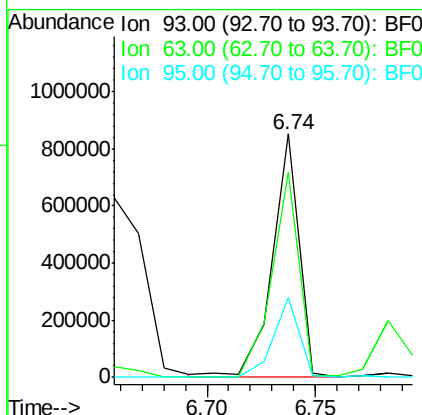
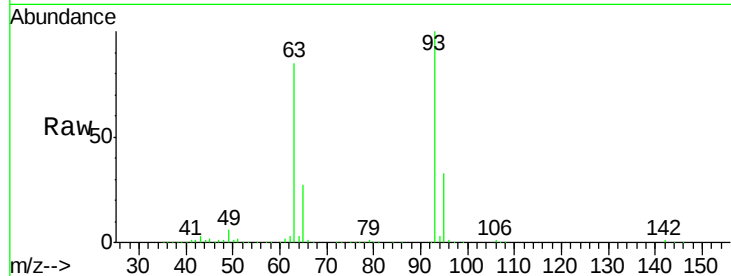
ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:	93	Resp:	729559
Ion Ratio	Lower	Upper	
93	100		
63	84.5	59.7	99.7
95	32.9	14.0	54.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.26 ng m

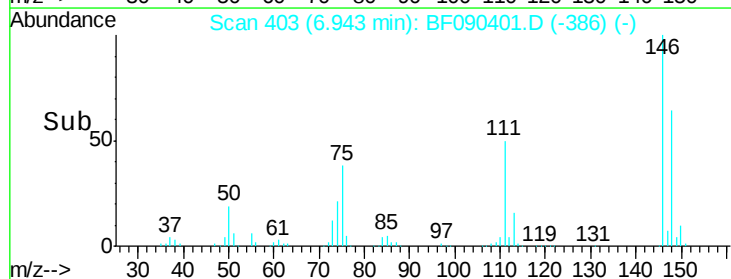
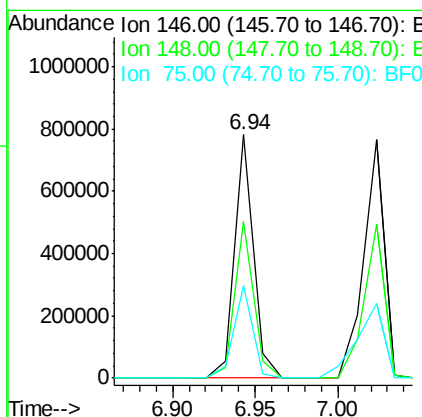
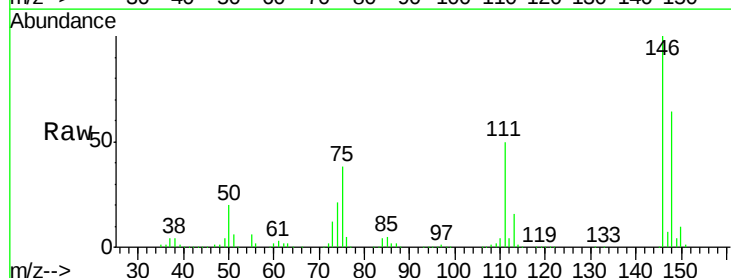
RT: 6.94 min Scan# 403

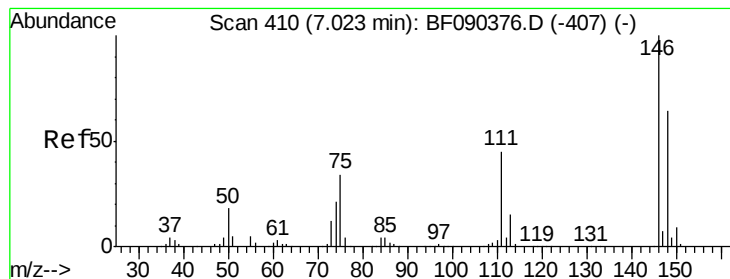
Delta R.T. -0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion:	146	Resp:	630975
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.4
75	38.3	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 37.97 ng

RT: 7.02 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

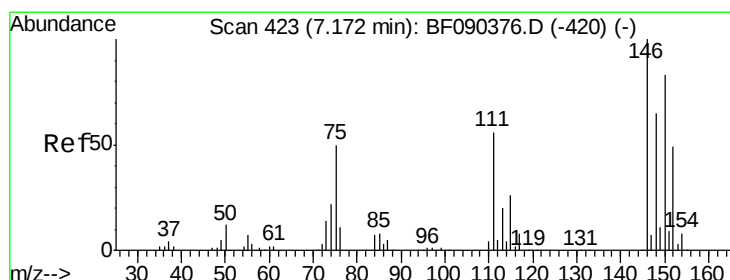
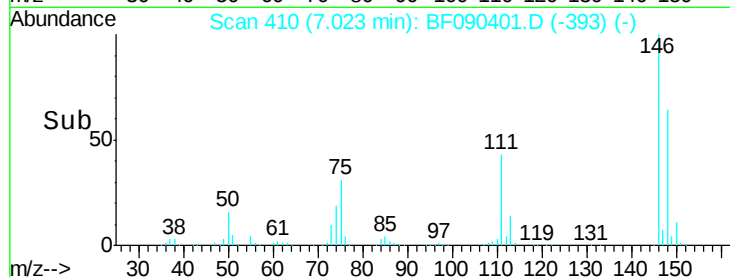
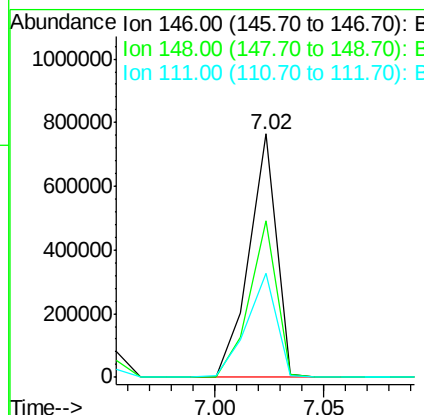
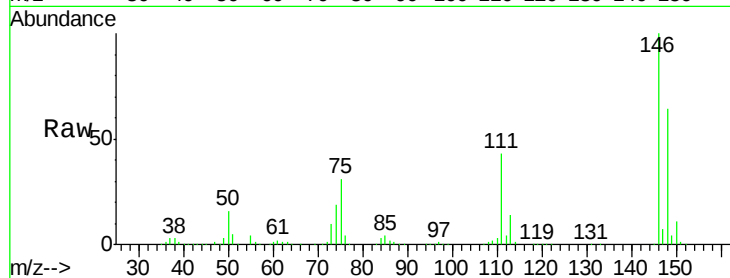
ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:	146	Resp:	671118
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.1	76.7
111	42.7	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 34.94 ng

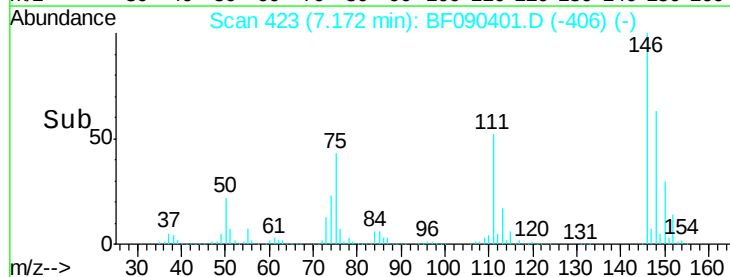
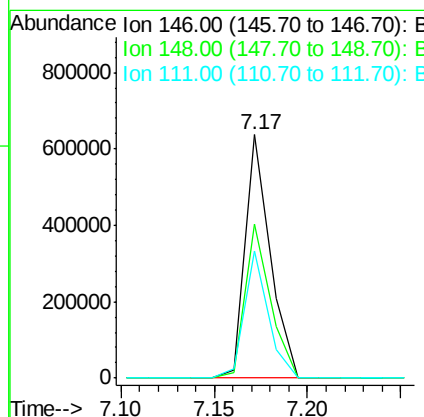
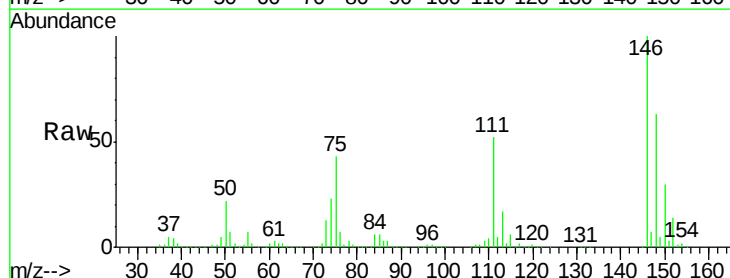
RT: 7.17 min Scan# 423

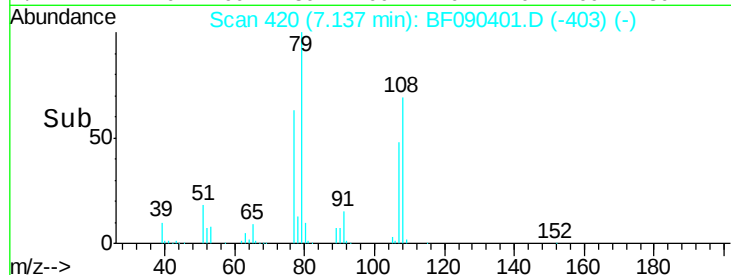
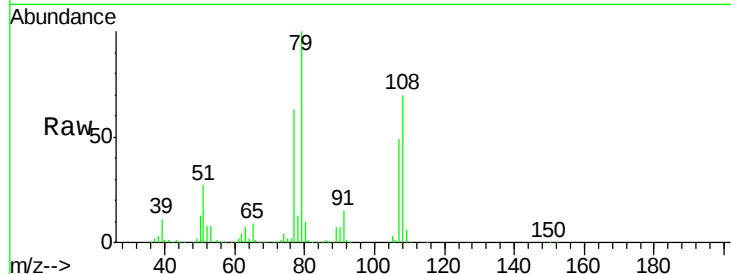
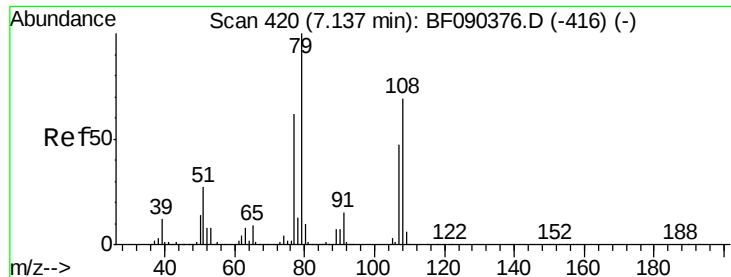
Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion:	146	Resp:	595021
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.3	78.5
111	52.0	38.2	57.4





#15

Benzyl Alcohol

Concen: 39.06 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tot Ion:	79	Resp:	616817
Ion Ratio	Lower	Upper	
79	100		
108	69.7	60.9	91.3
77	63.1	51.5	77.3

Instrument :

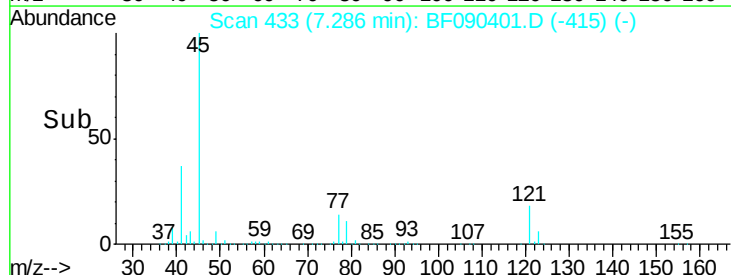
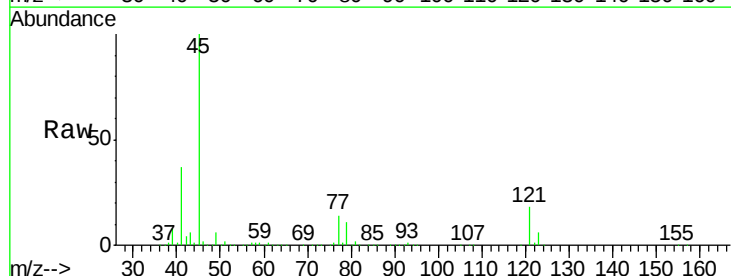
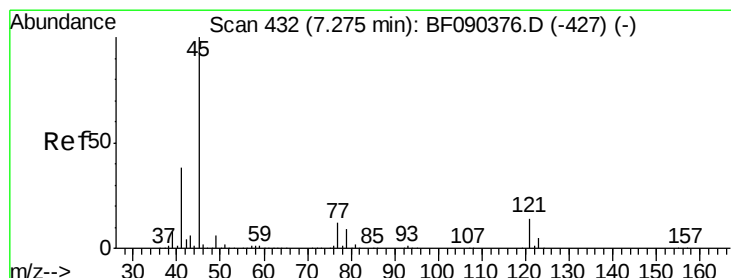
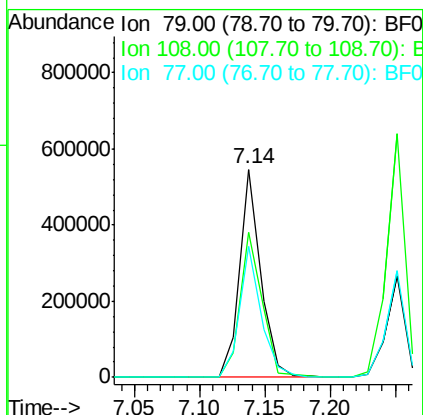
BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.65 ng

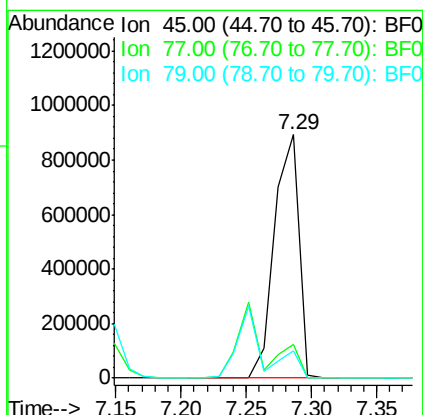
RT: 7.29 min Scan# 433

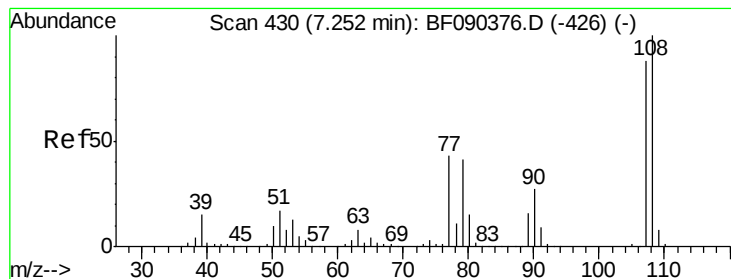
Delta R.T. 0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion:	45	Resp:	1180873
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	30.8
79	11.4	0.0	28.2





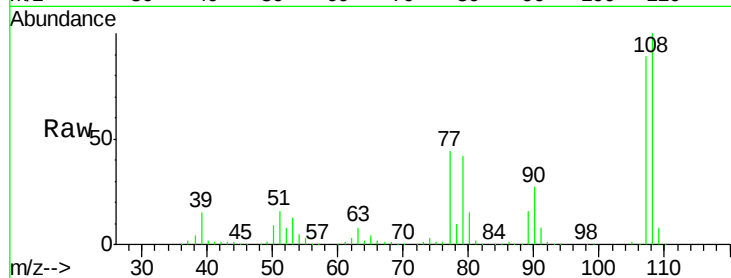
#17
2-Methylphenol
Concen: 39.56 ng
RT: 7.25 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

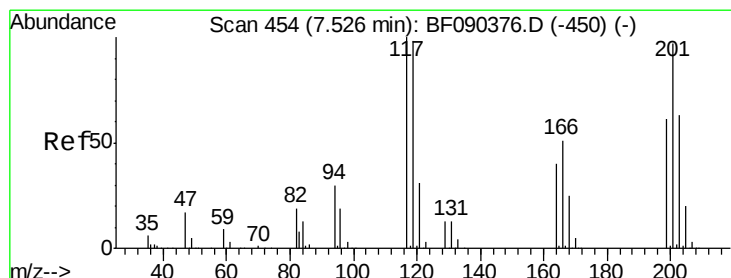
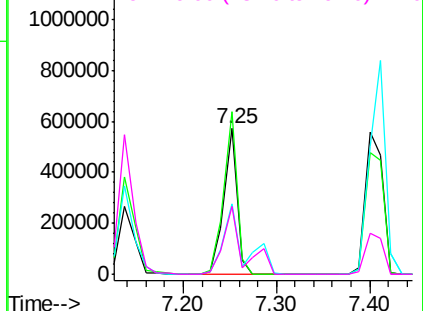
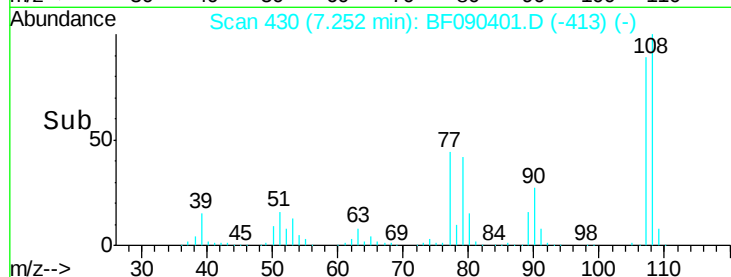
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	90.9	136.3	
77	48.8	38.2	57.4	
79	46.6	37.0	55.4	

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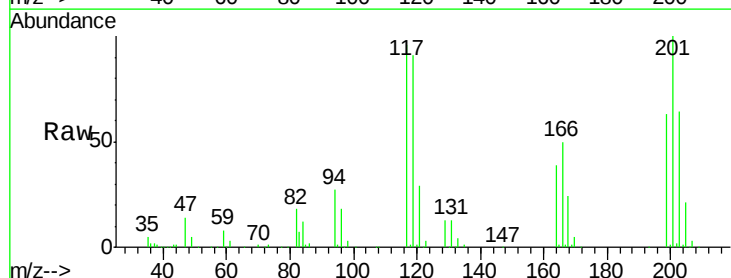


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

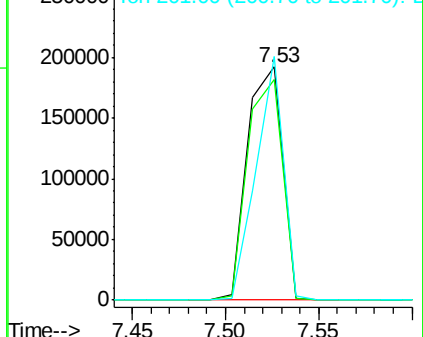
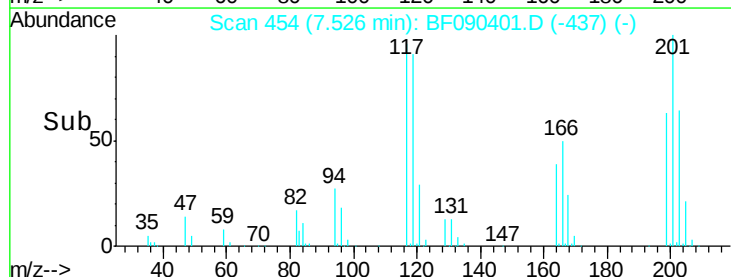


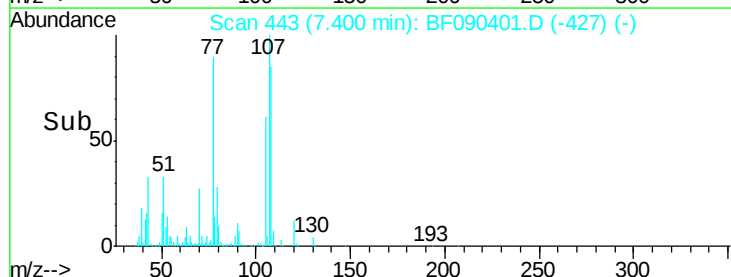
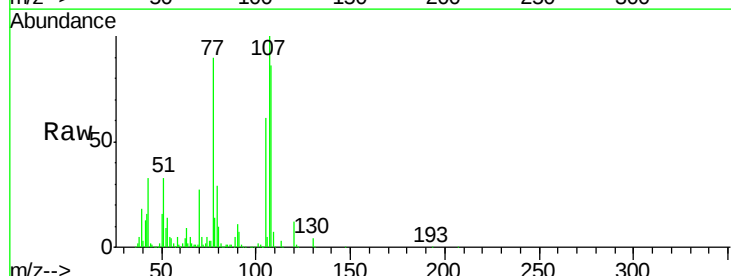
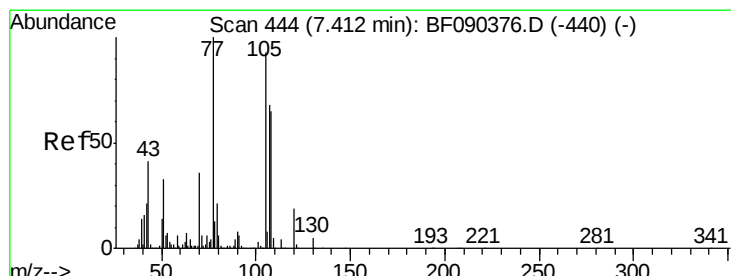
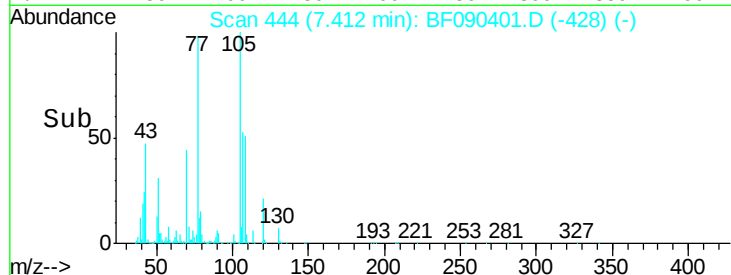
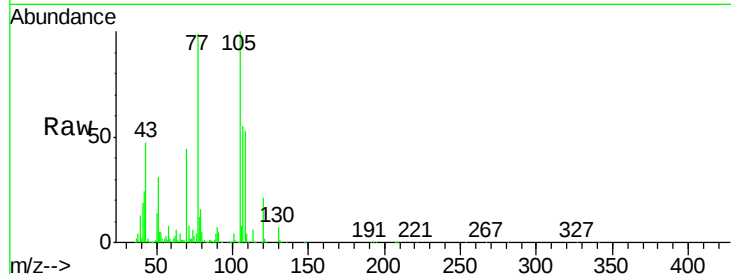
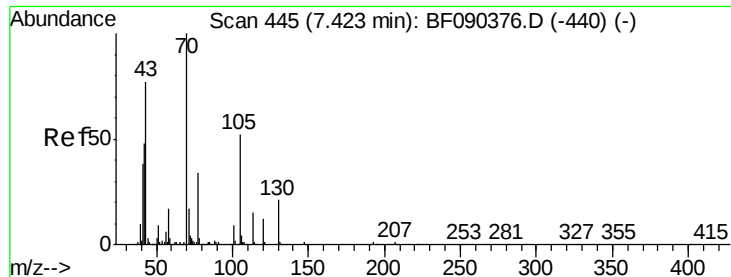
#18
Hexachloroethane
Concen: 35.93 ng
RT: 7.53 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	75.9	113.9	
201	104.5	66.5	99.7#	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





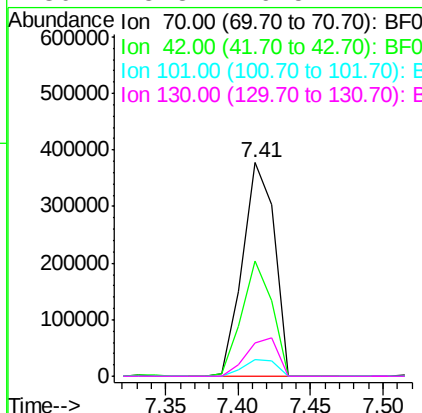
#19
n-Nitroso-di-n-propylamine
Concen: 37.71 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.8	55.4	83.2#
101	8.1	7.6	11.4
130	15.8	16.5	24.7#

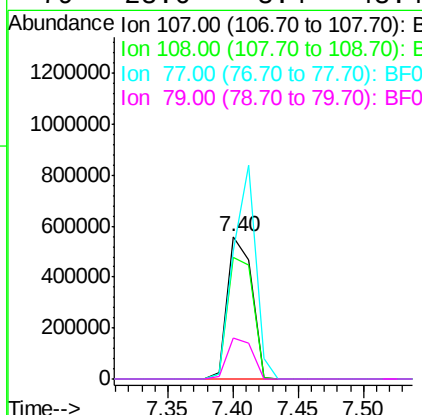
Manual Integrations
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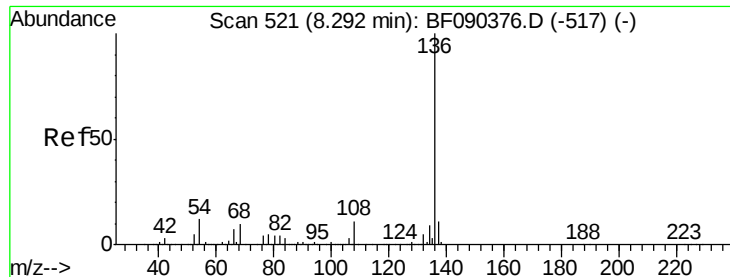
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#20
3+4-Methylphenols
Concen: 39.03 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	66.7	106.7
77	90.1	53.7	93.7
79	28.6	8.4	48.4





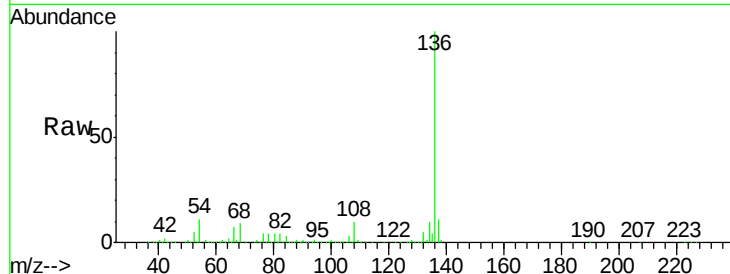
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

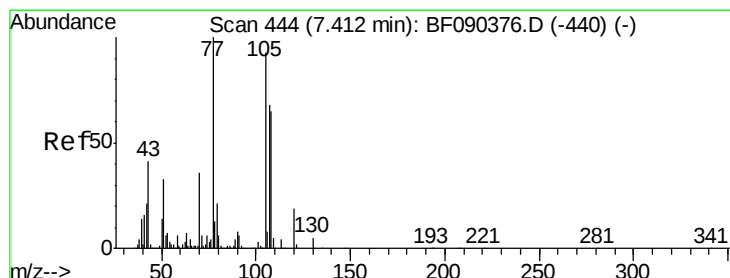
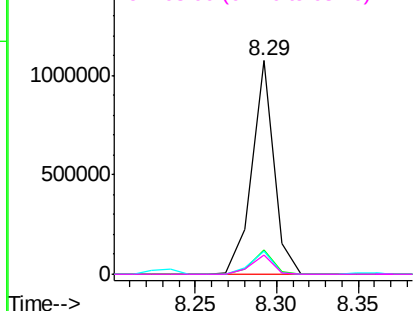
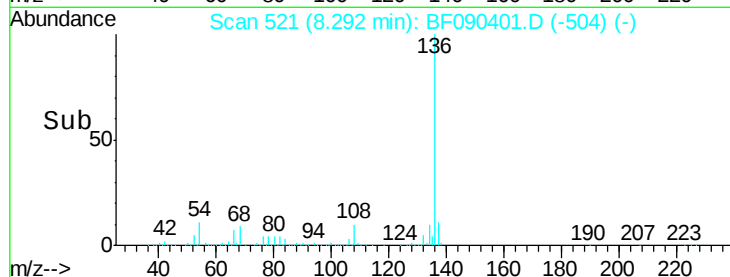
Tot Ion	Ratio	Resp	Lower	Upper
136	100	998732		
137	11.2	9.0	13.6	
54	11.0	6.6	10.0	
68	9.3	5.0	7.6	

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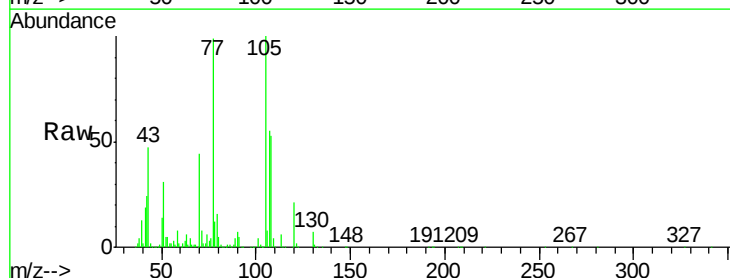


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

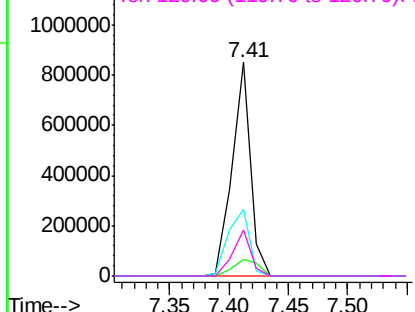
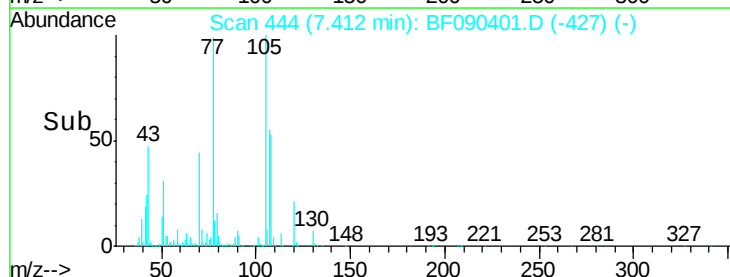


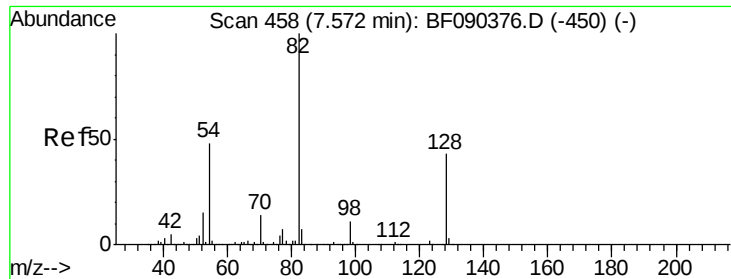
#22
Acetophenone
Concen: 38.59 ng
RT: 7.41 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	912848		
71	7.6	3.8	5.6	
51	31.3	28.2	42.4	
120	21.4	17.4	26.2	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





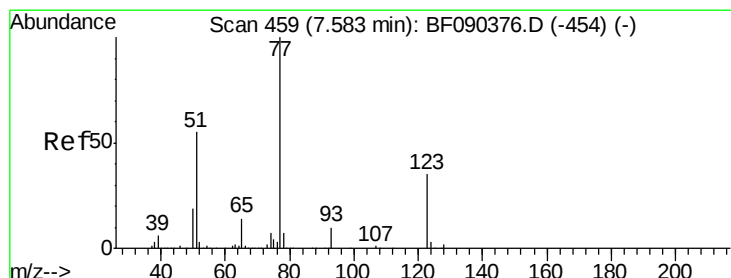
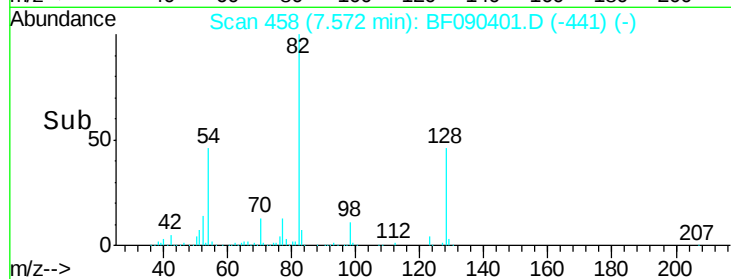
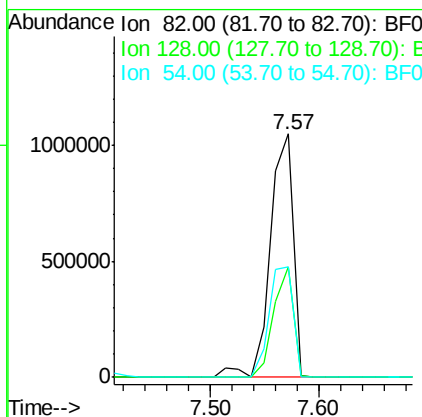
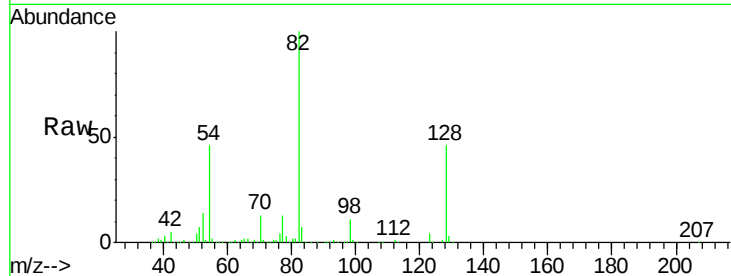
#23
 Nitrobenzene-d5
 Concen: 75.00 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

Tot Ion	82	Resp	1539965
Ion Ratio	100	Lower	Upper
82	100		
128	45.5	40.0	60.0
54	45.6	42.6	64.0

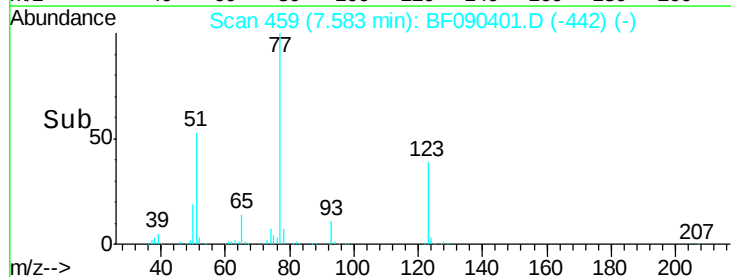
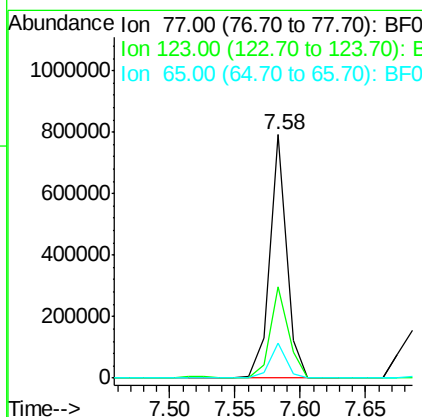
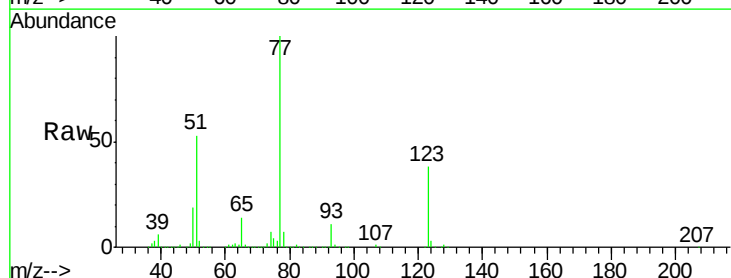
Manual Integrations
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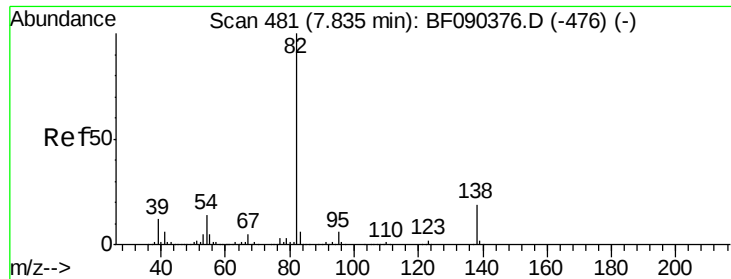
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#24
 Nitrobenzene
 Concen: 35.38 ng
 RT: 7.58 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion	77	Resp	721213
Ion Ratio	100	Lower	Upper
77	100		
123	37.6	33.0	49.4
65	14.2	12.0	18.0





#25

Isophorone

Concen: 37.24 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tot Ion: 82 Resp: 1398034

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

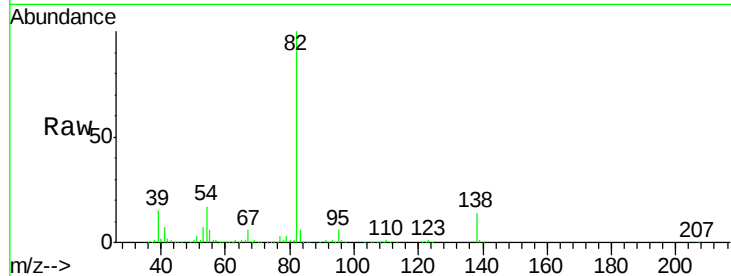
138 14.1 13.0 19.4

Manual Integrations

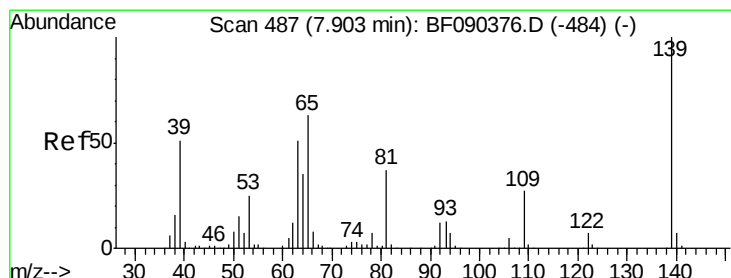
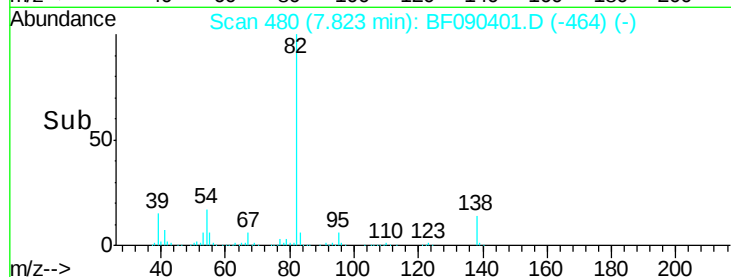
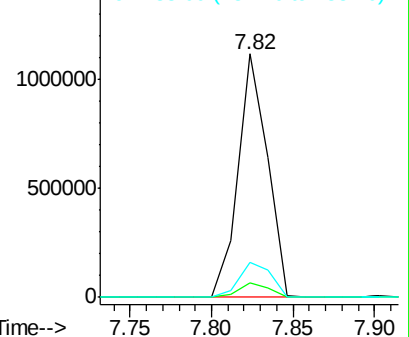
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.25 ng

RT: 7.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

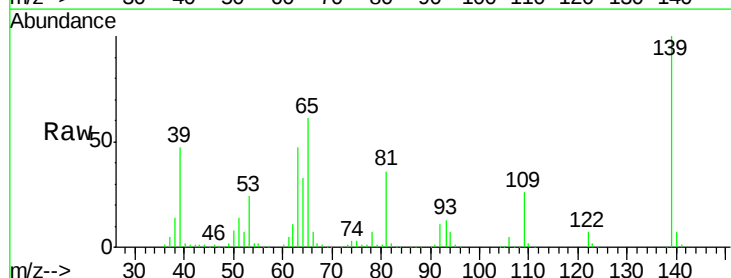
Tgt Ion: 139 Resp: 335579

Ion Ratio Lower Upper

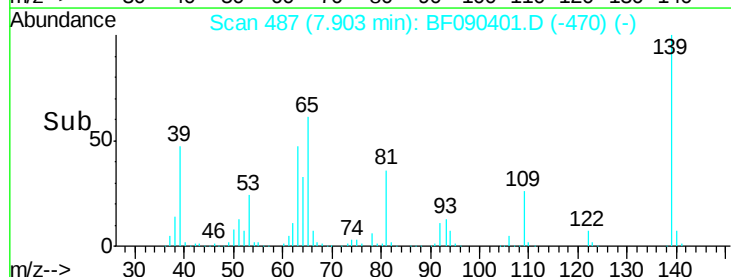
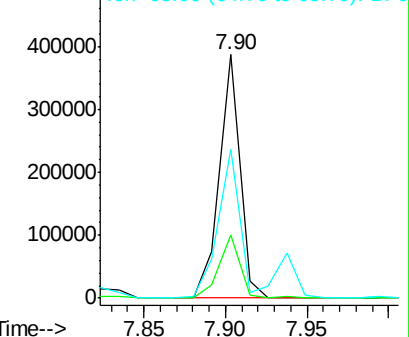
139 100

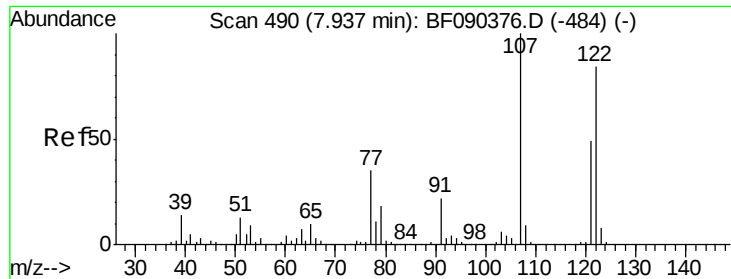
109 26.1 18.9 28.3

65 61.3 31.6 47.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 35.23 ng

RT: 7.94 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

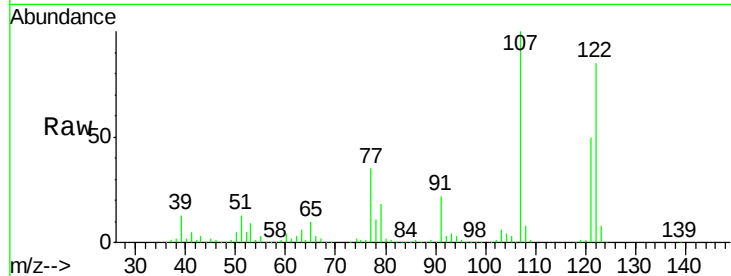
ClientSampleId :

SUP-B003-5-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	601007		
107	118.2	88.6	132.8	
121	59.0	47.5	71.3	

Manual Integrations
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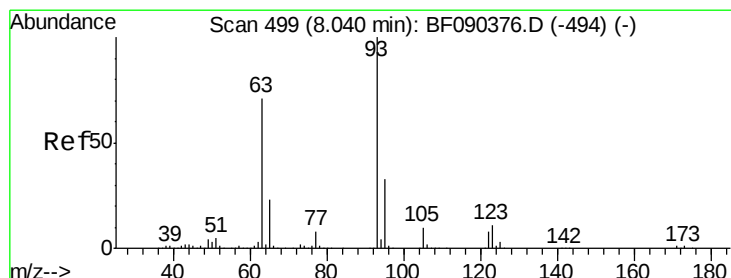
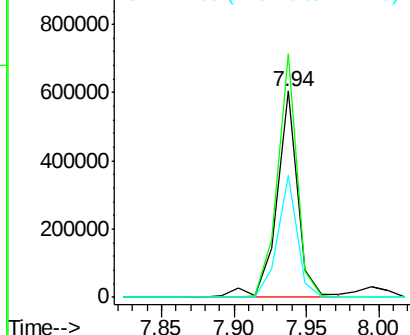
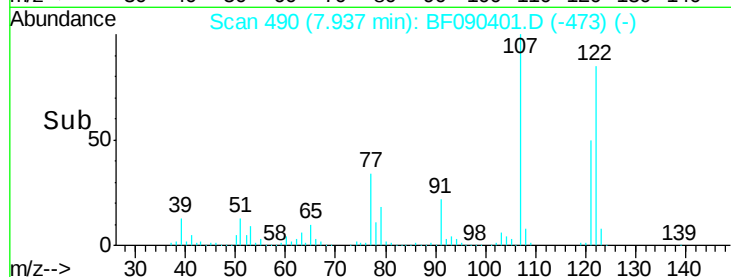
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.92 ng

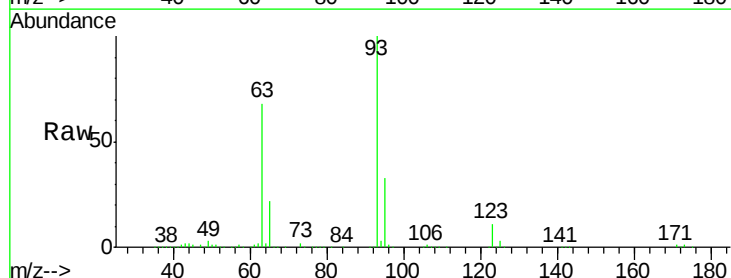
RT: 8.04 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

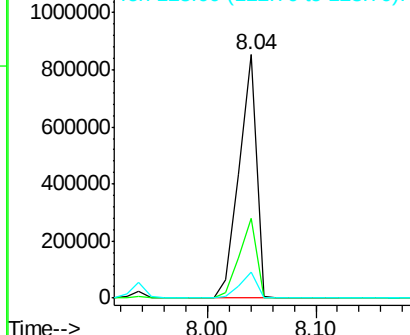
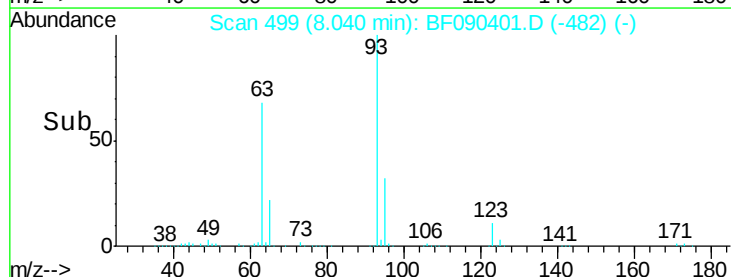
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	930595		
95	32.6	27.0	40.4	
123	10.7	11.1	16.7	

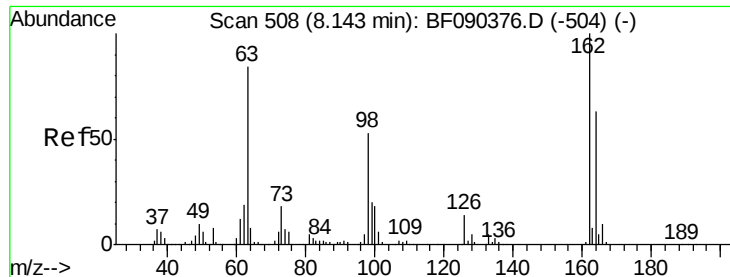


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.37 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

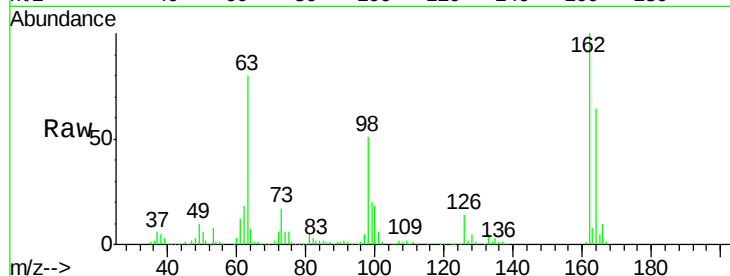
ClientSampleId :

SUP-B003-5-10MSD

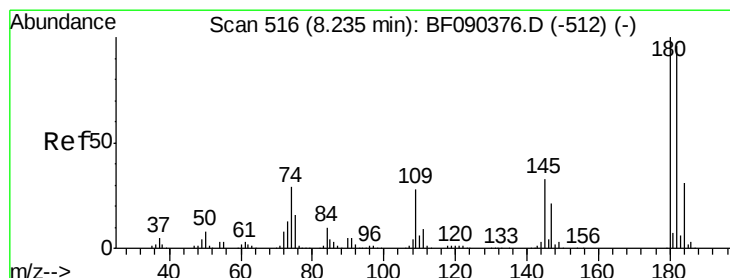
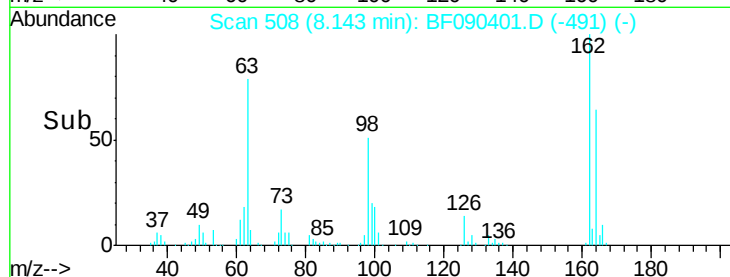
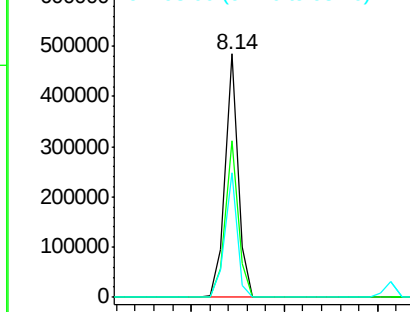
Tot Ion:	162	Resp:	471834
Ion Ratio	Lower	Upper	
162	100		
164	64.4	45.7	85.7
98	51.3	13.3	53.3

Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.82 ng

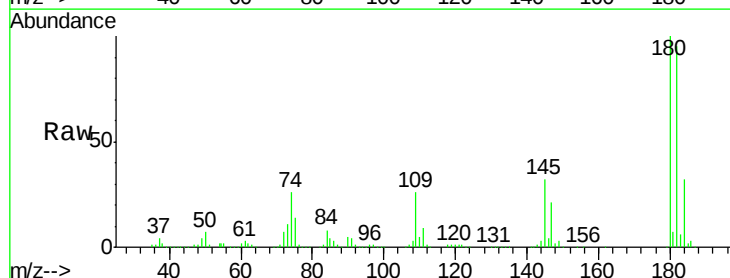
RT: 8.23 min Scan# 516

Delta R.T. 0.00 min

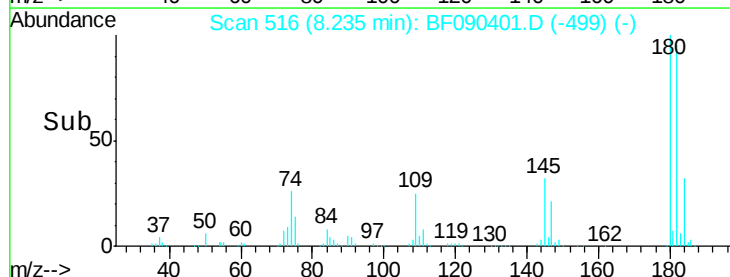
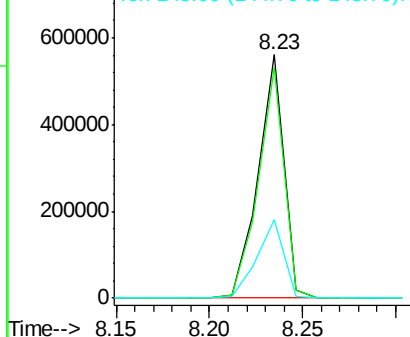
Lab File: BF090401.D

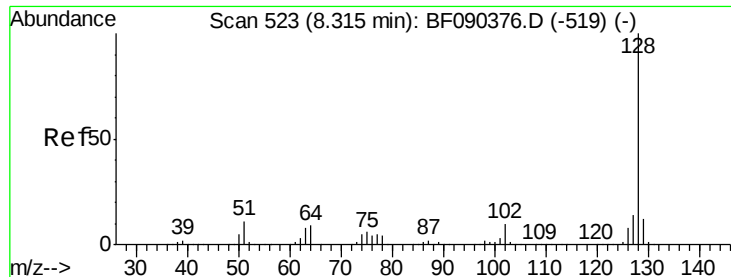
Acq: 6 Oct 2016 1:07

Tgt Ion:	180	Resp:	532371
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.3	112.9
145	32.1	27.7	41.5



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.29 ng

RT: 8.31 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:128 Resp: 1796596

Ion Ratio Lower Upper

128 100

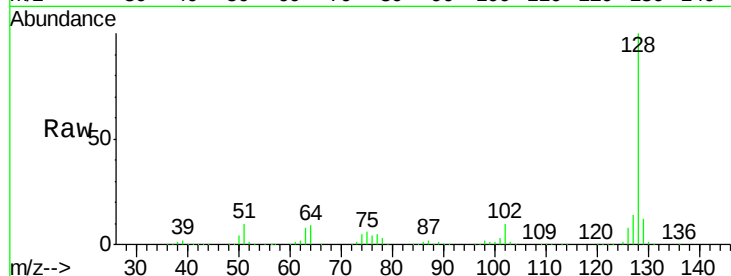
129 11.9 9.7 14.5

127 13.9 11.7 17.5

Manual Integrations
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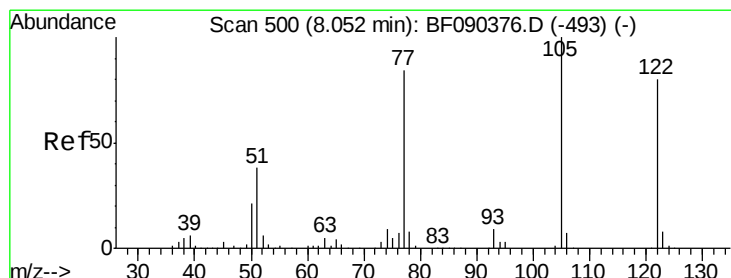
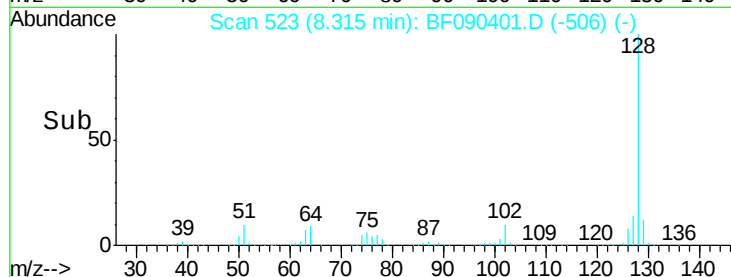
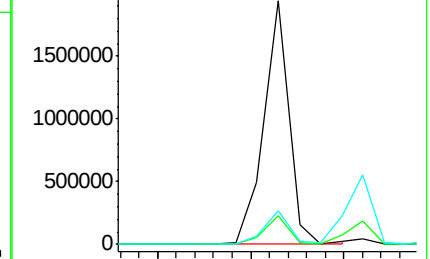
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.77 ng

RT: 7.99 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

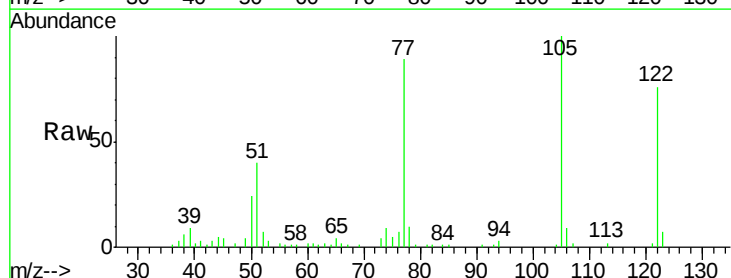
Tgt Ion:122 Resp: 44763

Ion Ratio Lower Upper

122 100

105 131.1 103.9 143.9

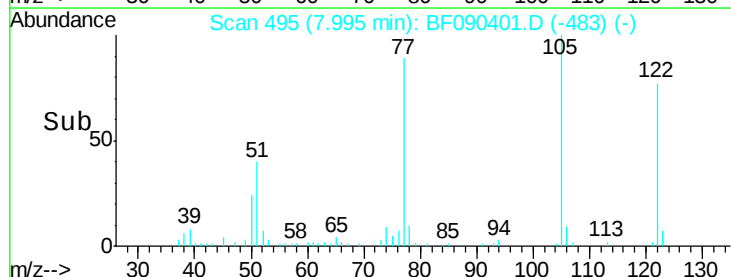
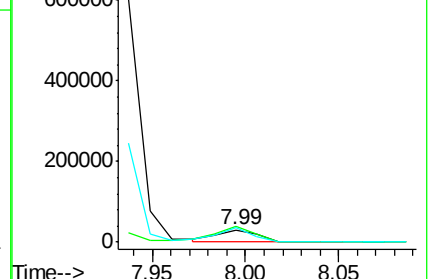
77 117.0 74.6 114.6#

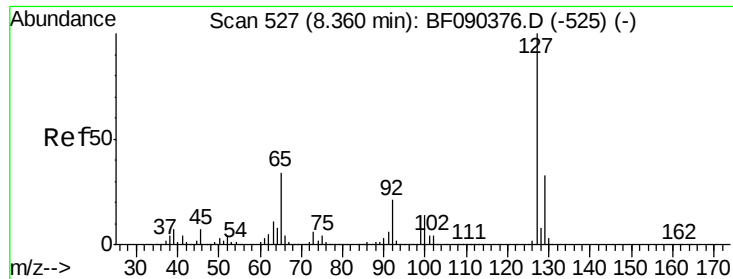


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





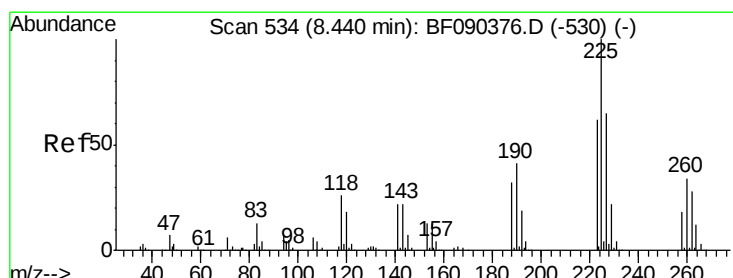
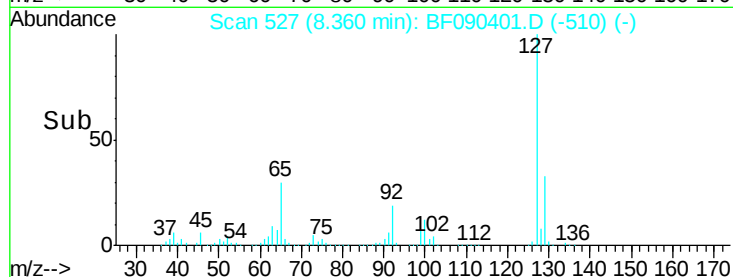
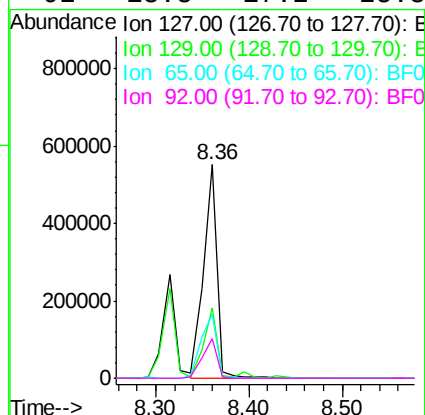
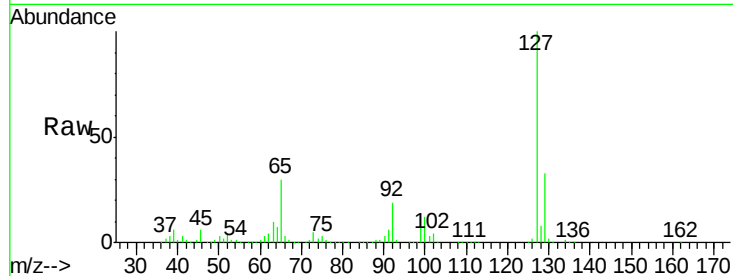
#33
4-Chloroaniline
Concen: 28.21 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.4		
65	29.9	32.5	48.7		
92	18.8	17.2	25.8		

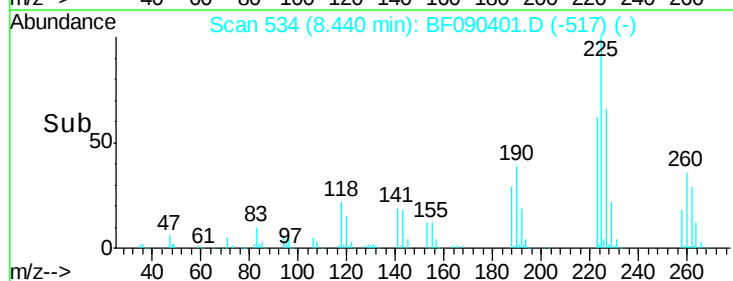
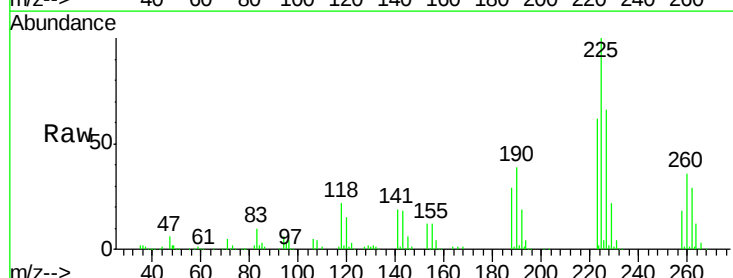
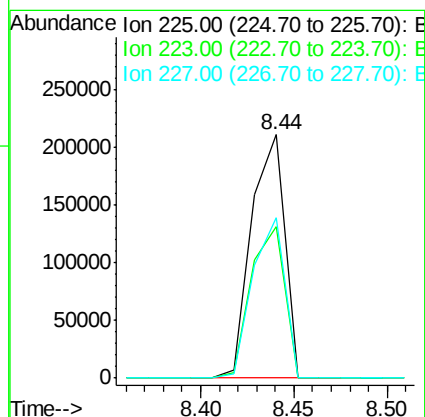
Manual Integrations
APPROVED

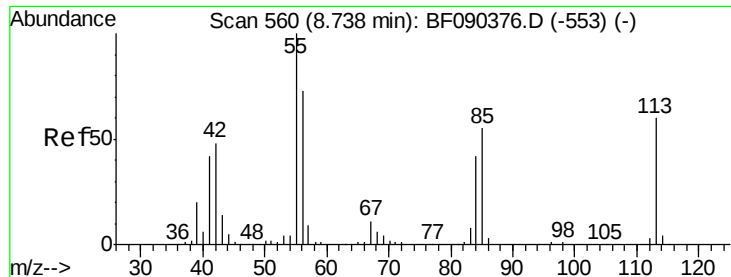
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#34
Hexachlorobutadiene
Concen: 34.72 ng
RT: 8.44 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	51.0	76.4		
227	66.0	50.8	76.2		





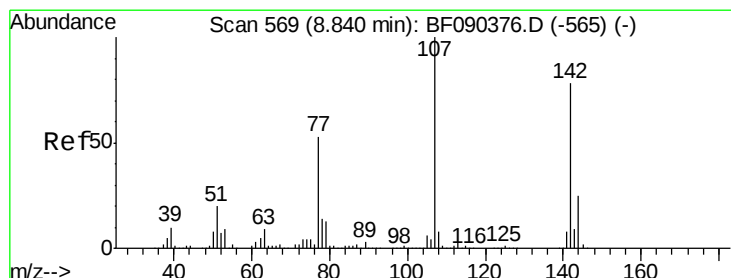
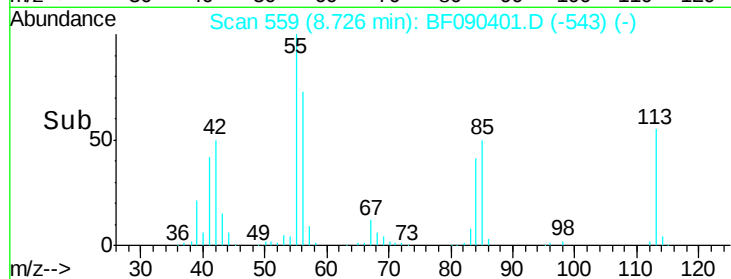
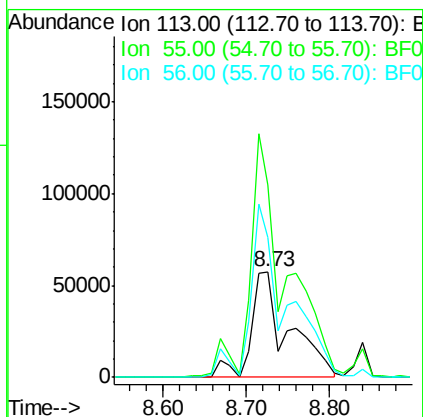
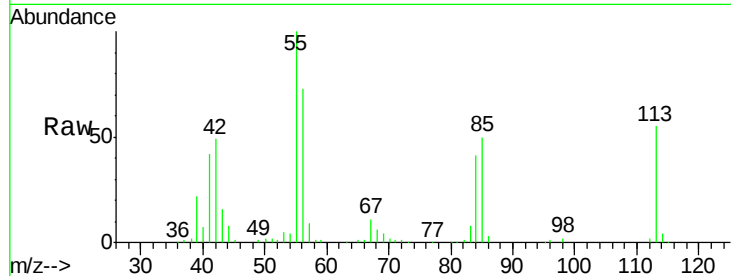
#35
Caprolactam
Concen: 41.00 ng/ml
RT: 8.73 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	181.6	203.3	243.3		
56	132.1	140.5	180.5		

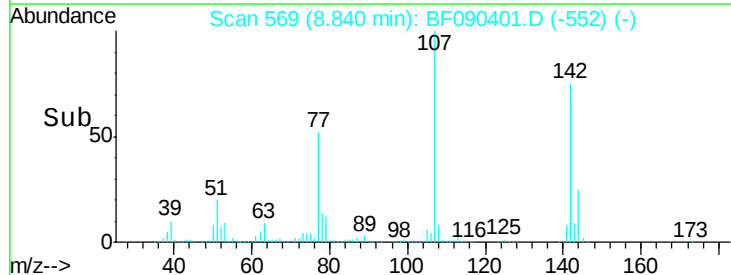
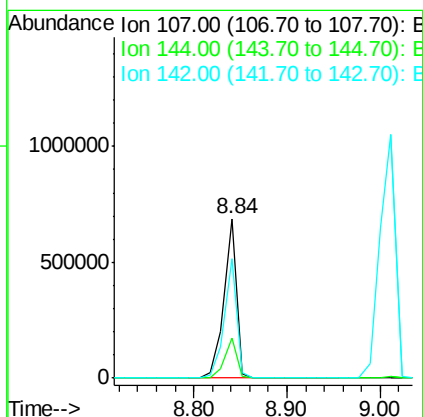
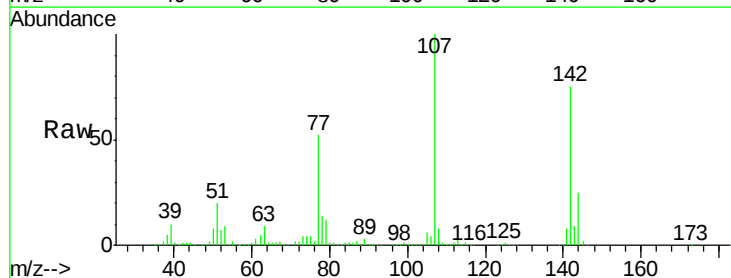
Manual Integrations
APPROVED

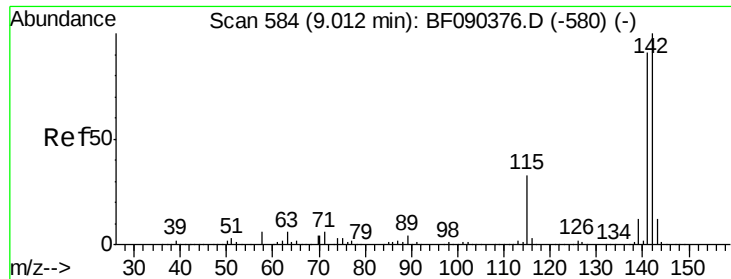
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10/6/2016 5:27:44 PM



#36
4-Chloro-3-methylphenol
Concen: 39.65 ng
RT: 8.84 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.8	19.8	29.8		
142	75.0	60.7	91.1		





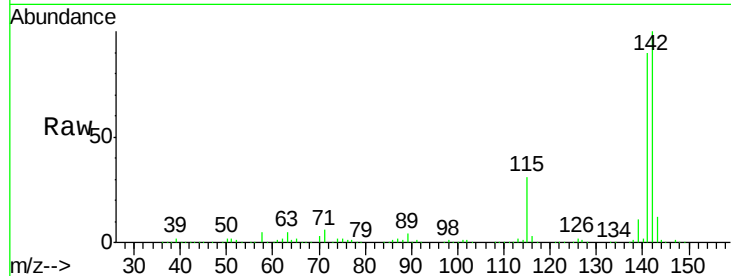
#37
2-Methylnaphthalene
Concen: 41.58 ng
RT: 9.01 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

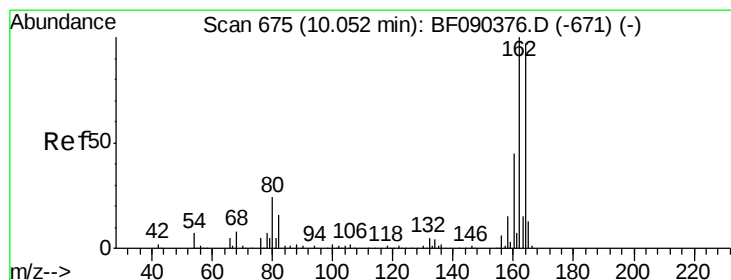
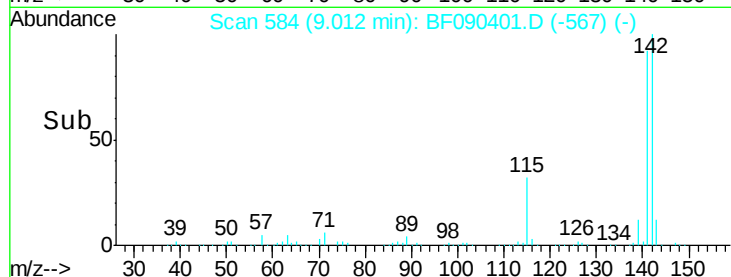
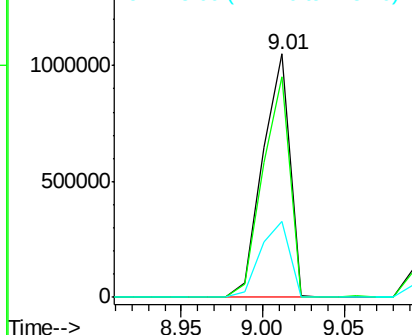
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.8	107.8
115	31.5	28.8	43.2

Manual Integrations
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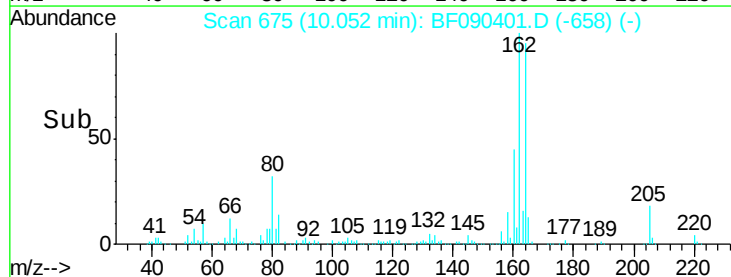
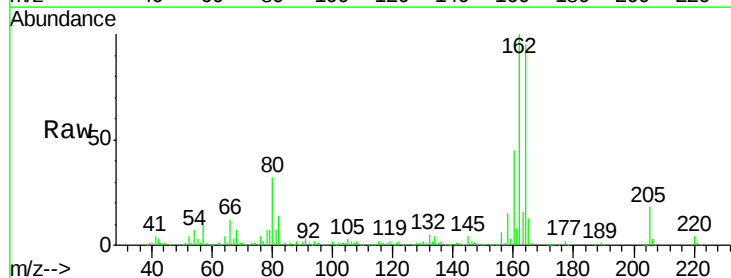
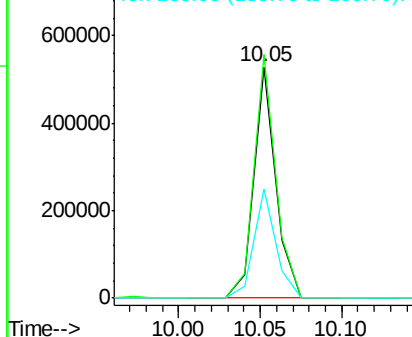
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

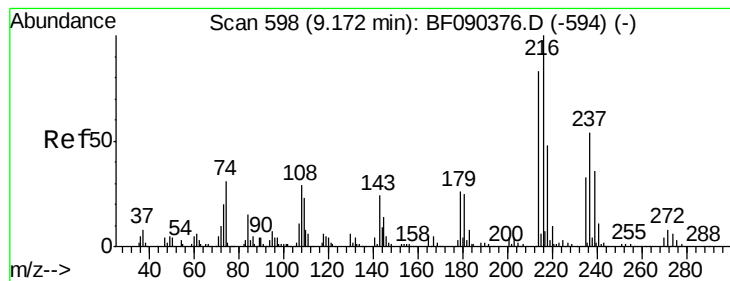


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.1	120.1
160	47.5	36.3	54.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.35 ng

RT: 9.17 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

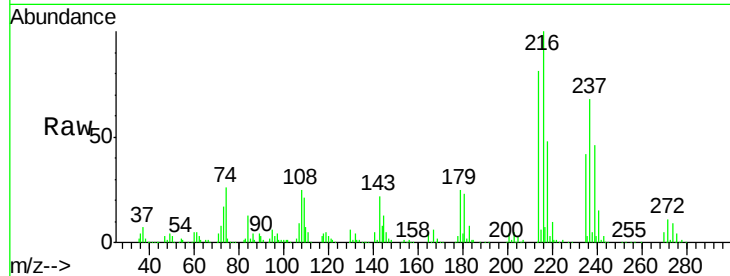
ClientSampleId :

SUP-B003-5-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		471404		
214	79.3	64.2	96.2		
179	23.5	18.0	27.0		
108	25.8	15.2	22.8#		

Manual Integrations
APPROVED

SOHIL
10/6/2016 5:27:44 PM

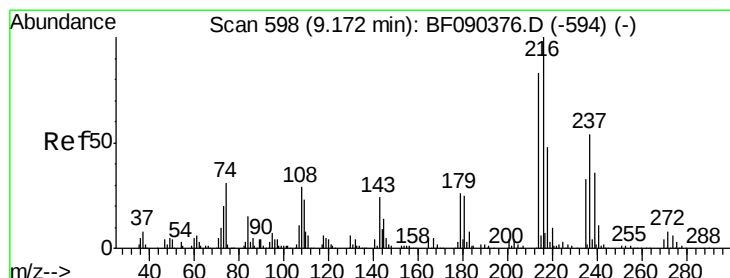
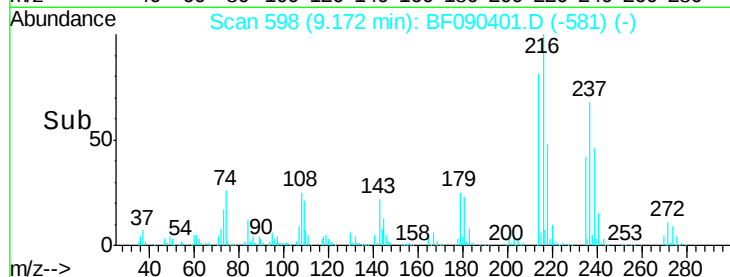
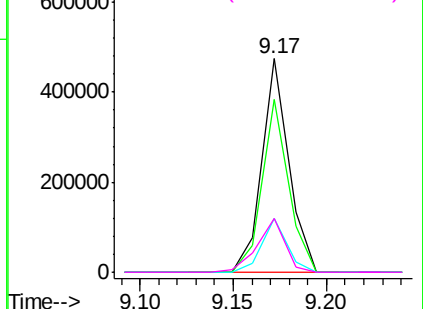


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 74.70 ng

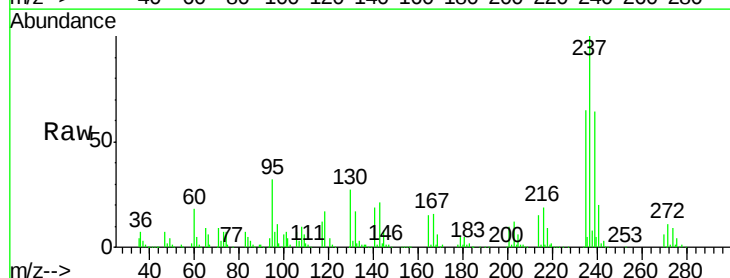
RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

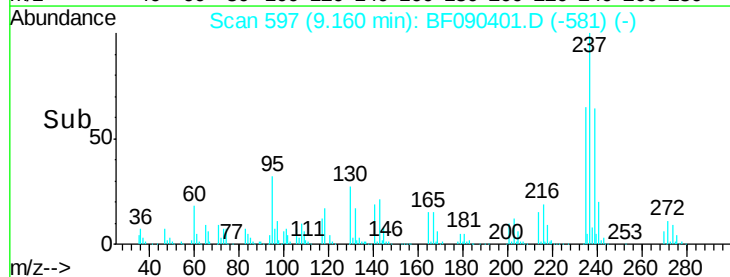
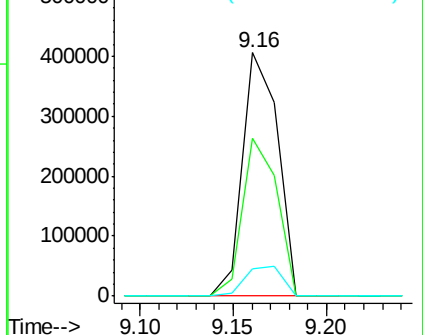
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		530953		
235	64.7	43.6	83.6		
272	11.2	0.0	32.7		

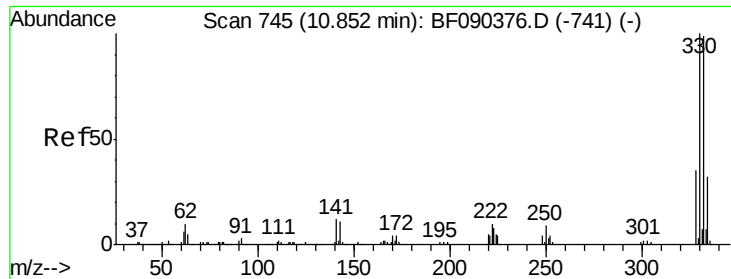


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





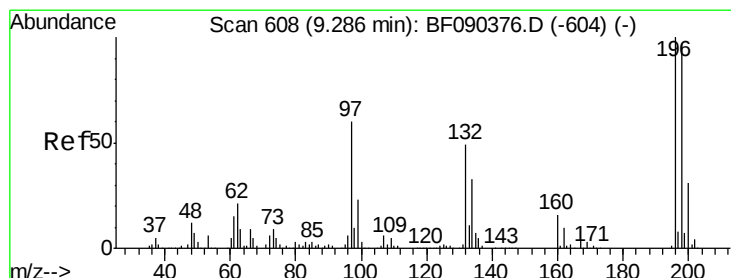
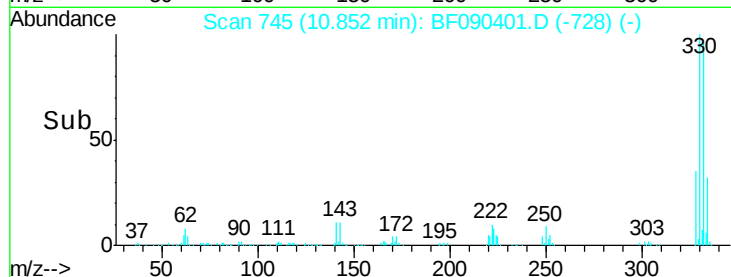
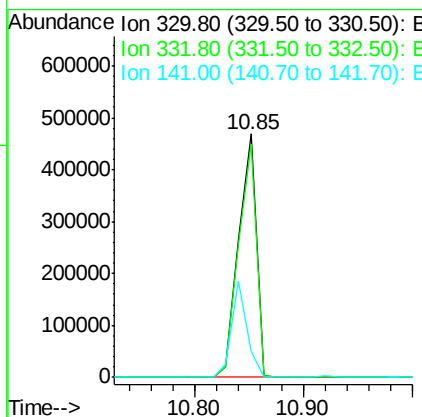
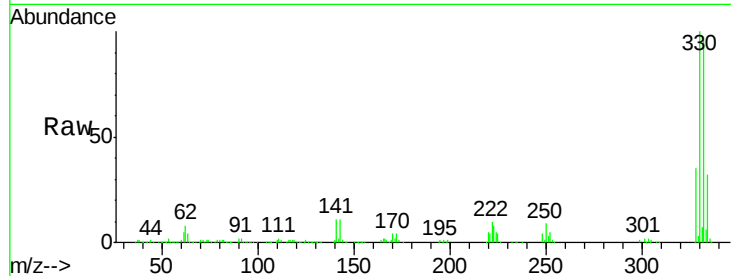
#41
 2,4,6-Tribromophenol
 Concen: 130.11 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	75.4	113.0	
141	34.9	26.9	40.3	

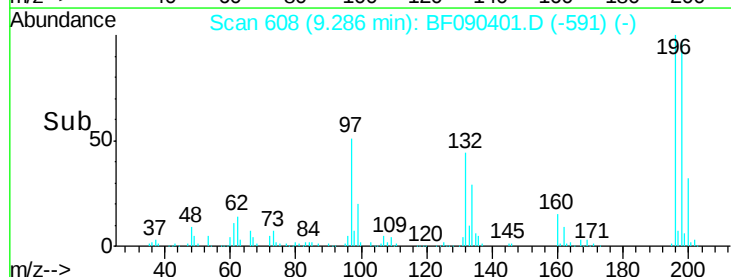
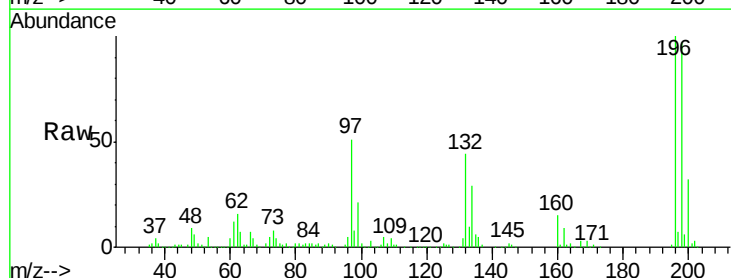
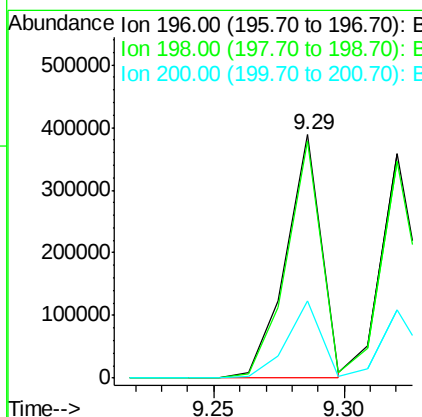
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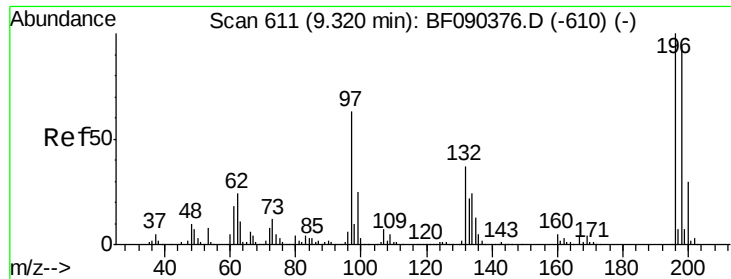
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#42
 2,4,6-Trichlorophenol
 Concen: 40.65 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.2	78.9	118.3	
200	31.8	25.4	38.2	





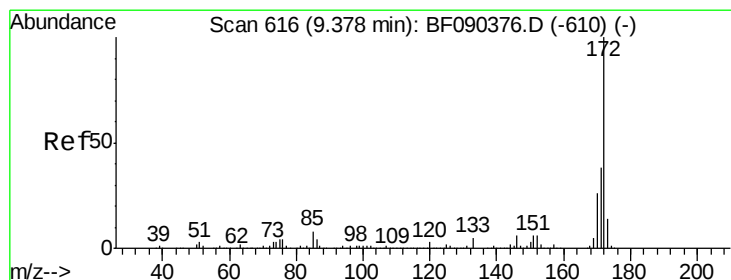
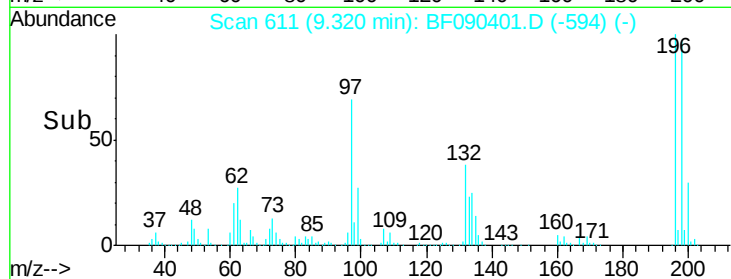
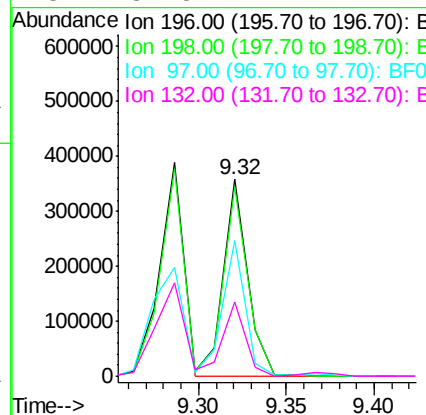
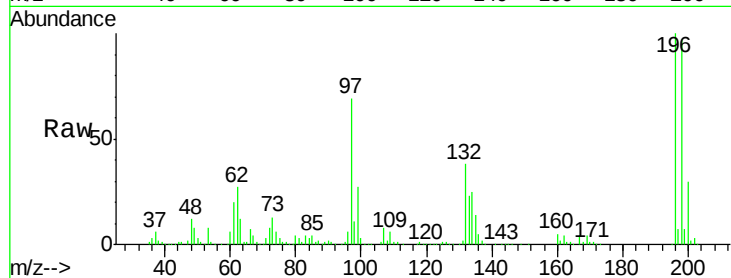
#43
 2,4,5-Trichlorophenol
 Concen: 40.49 ng/ml
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

Tot Ion:	196	Resp:	342618
Ion Ratio	Lower	Upper	
196	100		
198	96.6	78.1	117.1
97	69.0	48.1	72.1
132	37.8	27.4	41.2

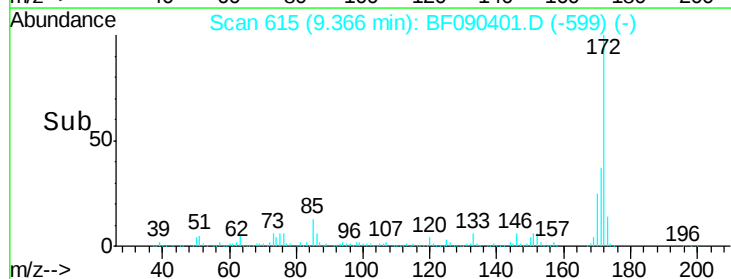
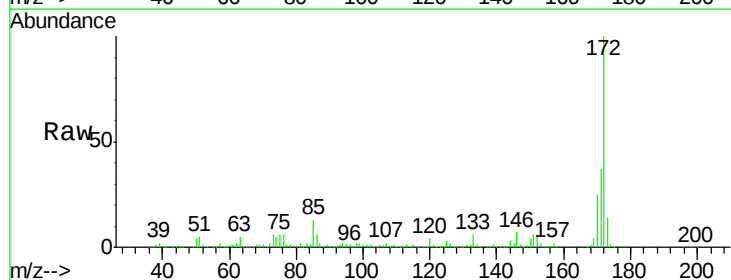
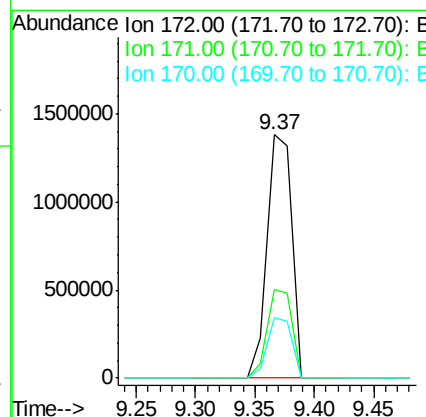
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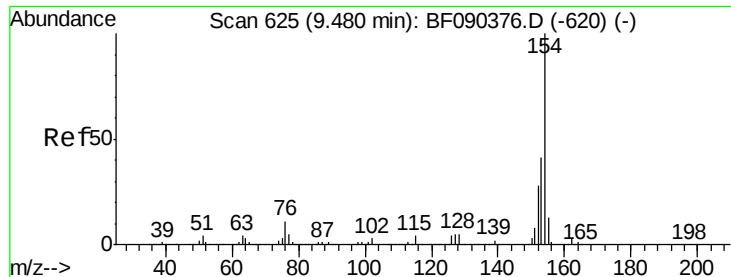
SOHIL
 10/6/2016 5:27:44 PM



#44
 2-Fluorobiphenyl
 Concen: 68.15 ng/ml
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:	172	Resp:	2011680
Ion Ratio	Lower	Upper	
172	100		
171	36.6	31.8	47.8
170	24.8	21.7	32.5





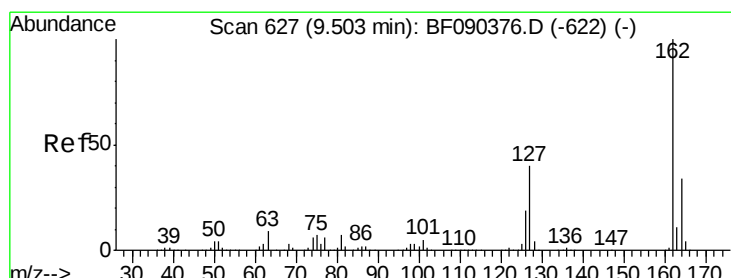
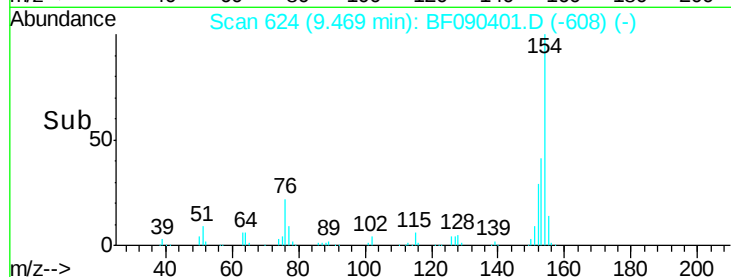
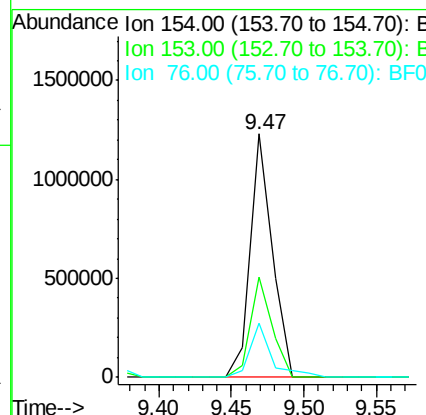
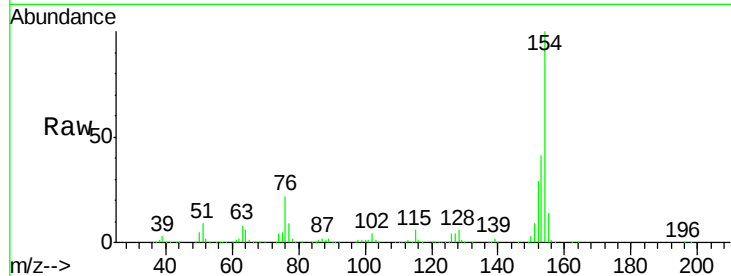
#45
 1,1'-Biphenyl
 Concen: 35.54 ng
 RT: 9.47 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.8	63.8
76	22.2	0.0	35.8

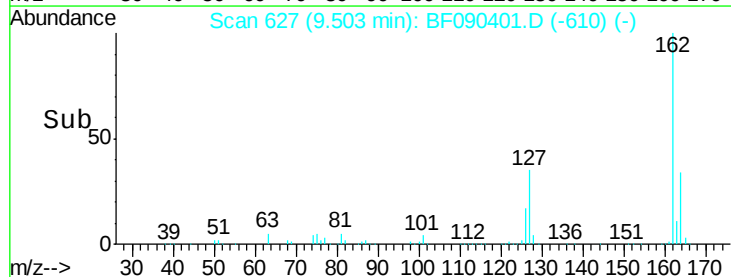
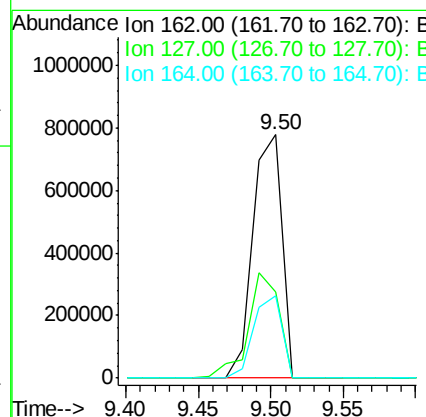
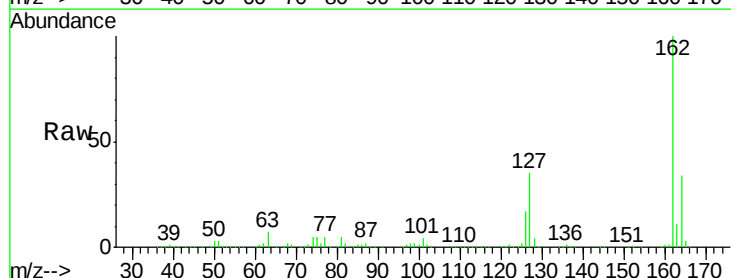
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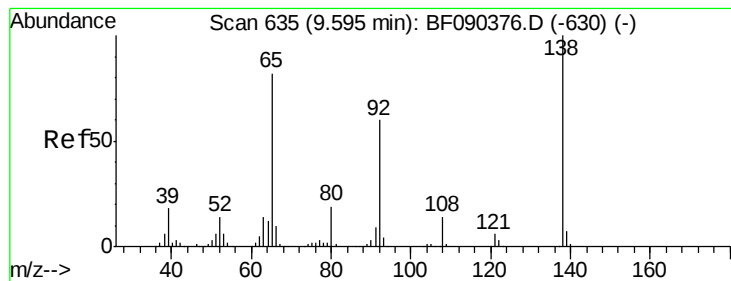
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#46
 2-Chloronaphthalene
 Concen: 40.03 ng
 RT: 9.50 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.3	35.6	53.4#
164	33.9	27.5	41.3





#47

2-Nitroaniline

Concen: 39.12 ng

RT: 9.58 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tot Ion: 65 Resp: 415670

Ion Ratio Lower Upper

65 100

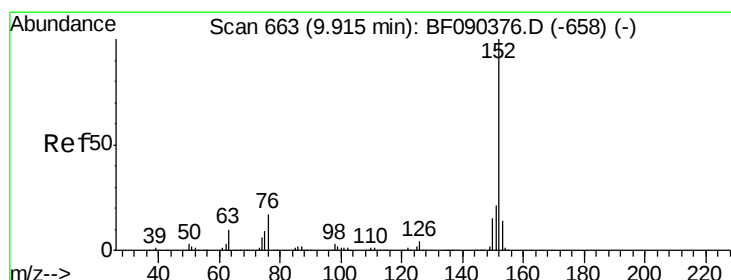
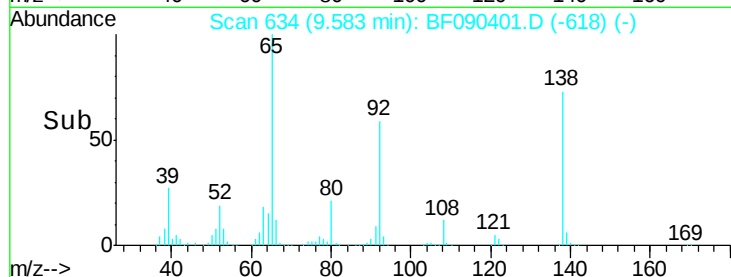
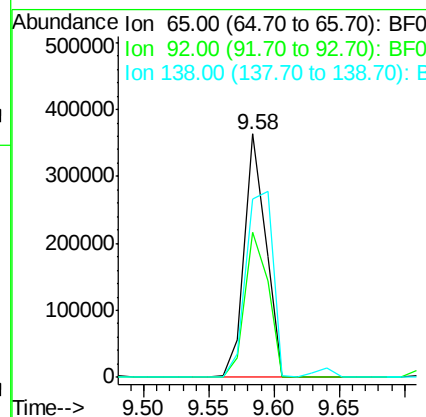
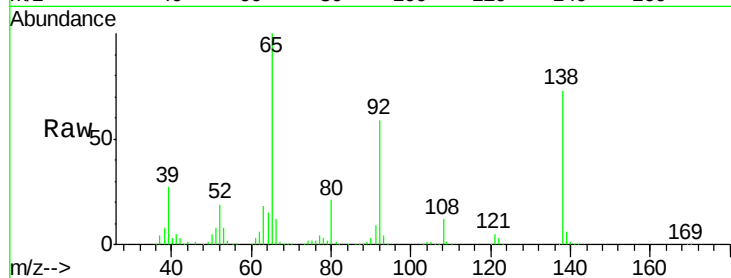
92 59.4 51.7 77.5

138 73.3 79.0 118.4#

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#48

Acenaphthylene

Concen: 36.74 ng

RT: 9.91 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

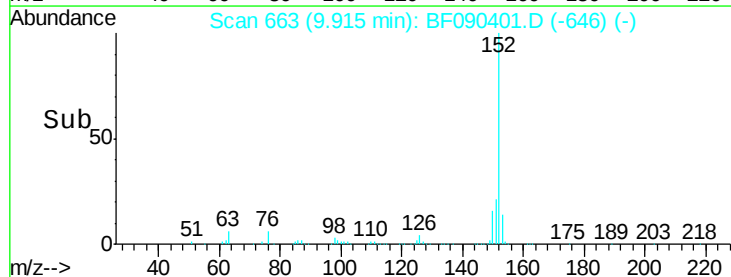
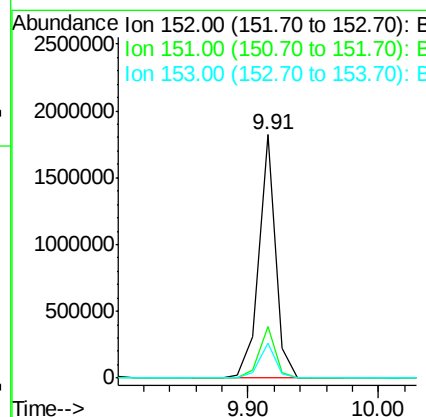
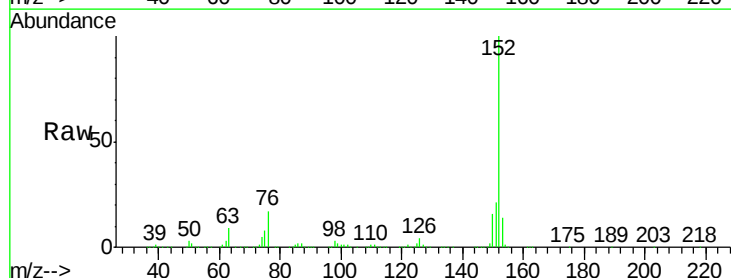
Tgt Ion: 152 Resp: 1632545

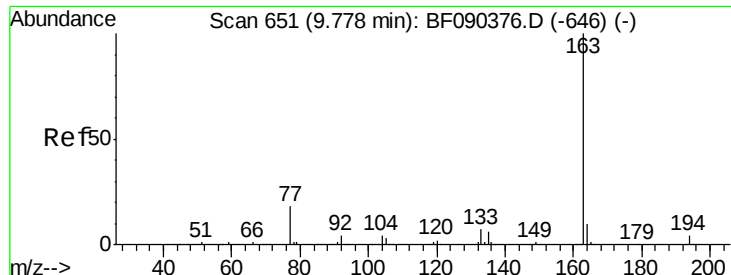
Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

153 14.3 11.6 17.4





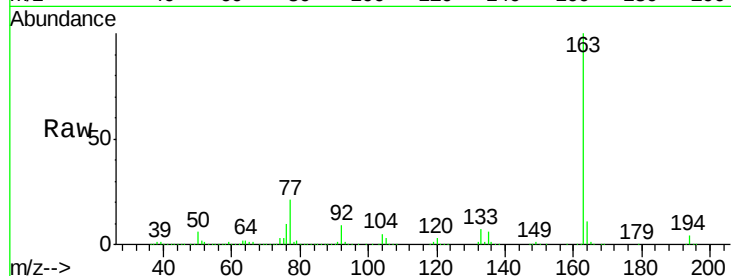
#49
Dimethylphthalate
Concen: 69.99 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

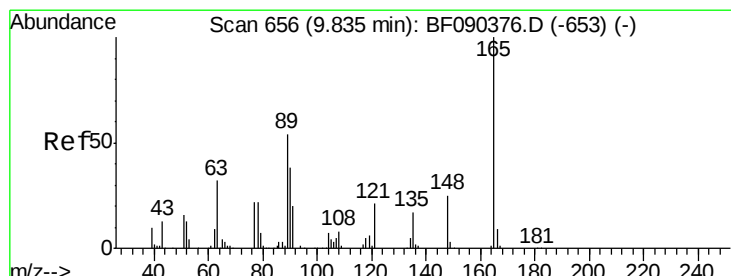
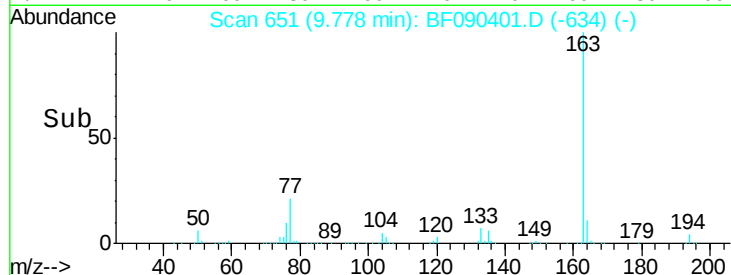
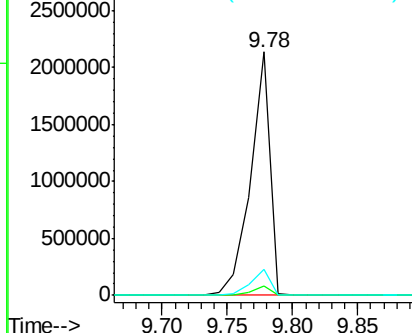
Tot Ion:163 Resp: 2204440
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.7 9.0 13.4

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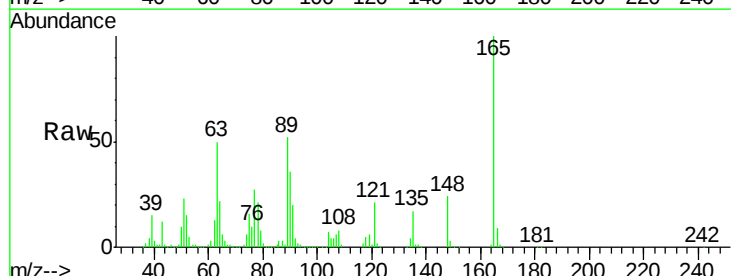


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

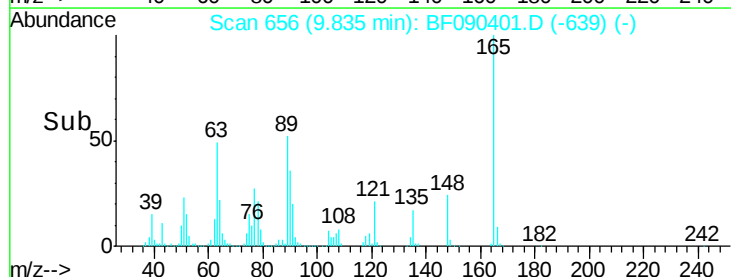
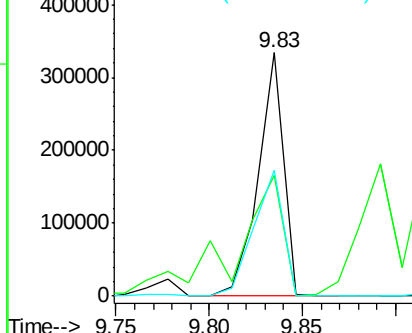


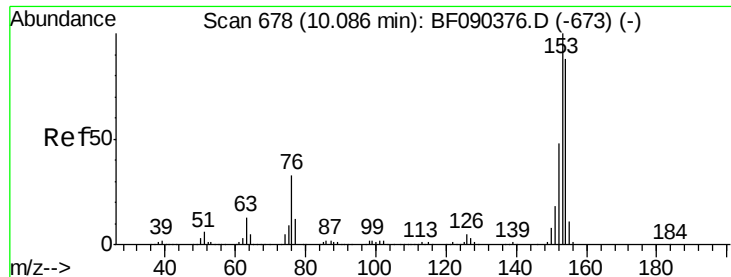
#50
2,6-Dinitrotoluene
Concen: 44.57 ng
RT: 9.83 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion:165 Resp: 311702
Ion Ratio Lower Upper
165 100
63 49.5 58.0 87.0#
89 51.8 51.2 76.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.70 ng

RT: 10.09 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:154 Resp: 1072181

Ion Ratio Lower Upper

154 100

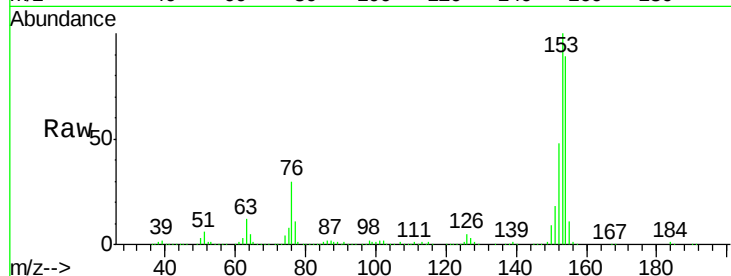
153 112.4 88.6 133.0

152 54.3 42.6 64.0

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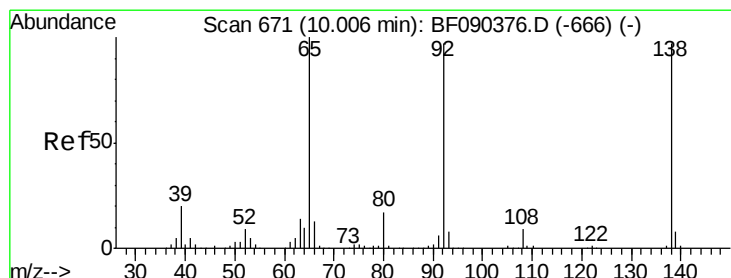
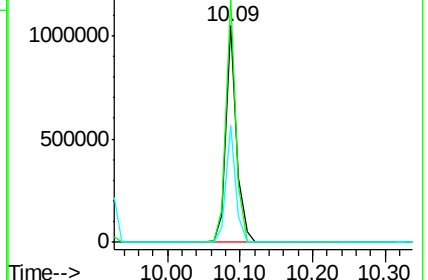
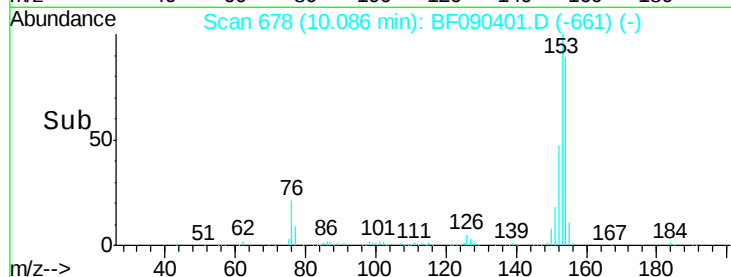
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.31 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

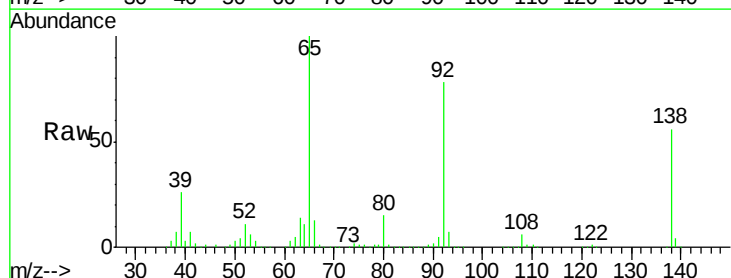
Tgt Ion:138 Resp: 263952

Ion Ratio Lower Upper

138 100

108 11.1 9.7 14.5

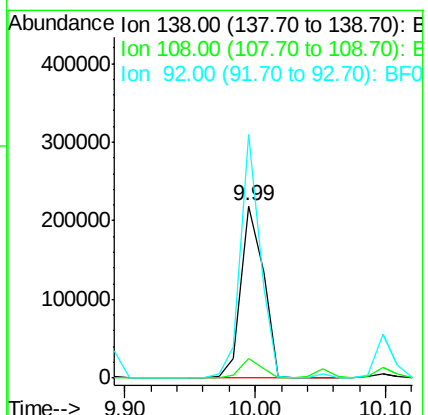
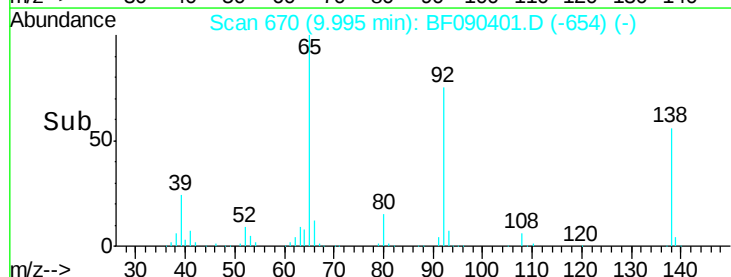
92 141.3 97.1 145.7

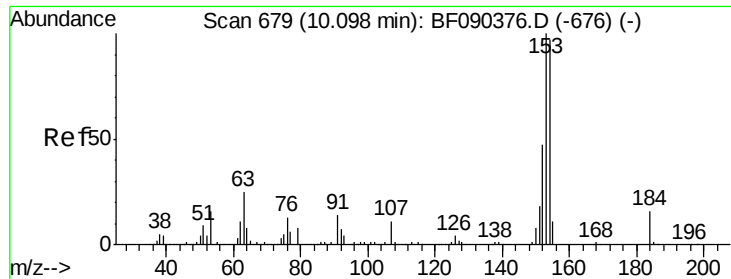


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





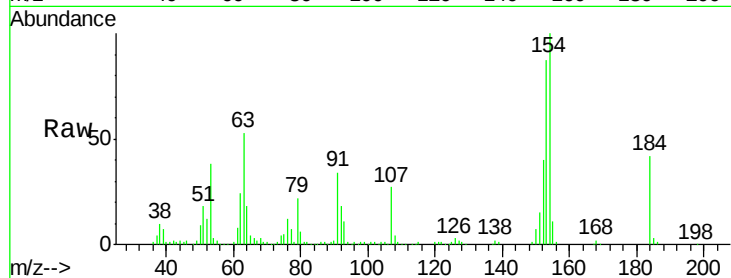
#53
2,4-Dinitrophenol
Concen: 54.57 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

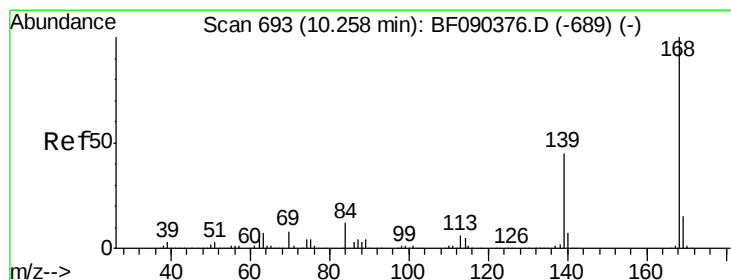
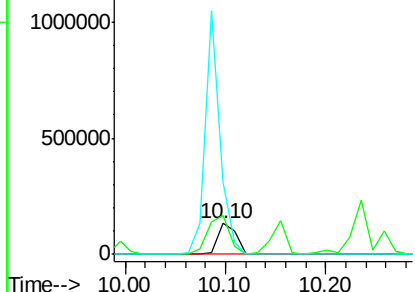
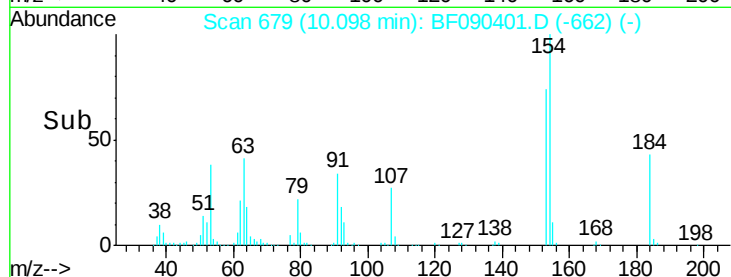
Tot Ion	Ratio	Resp	Lower	Upper
184	100	170159		
63	124.9	41.9	62.9#	
154	236.9	48.9	73.3#	

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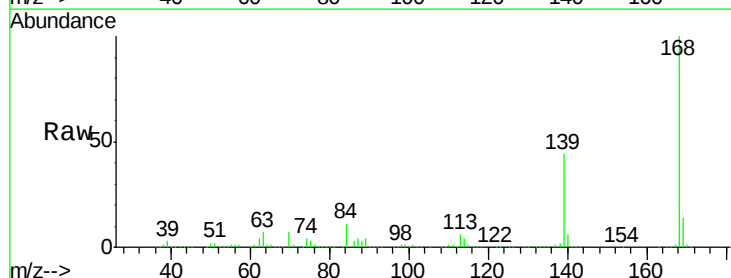


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

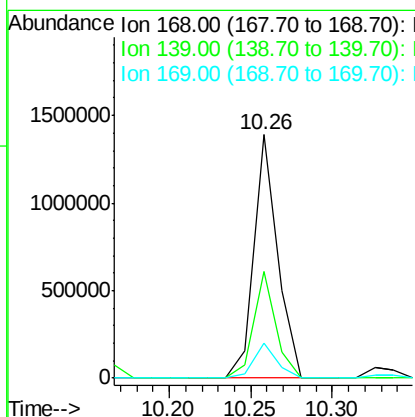
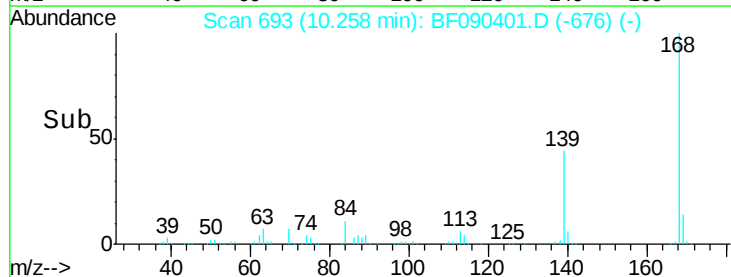


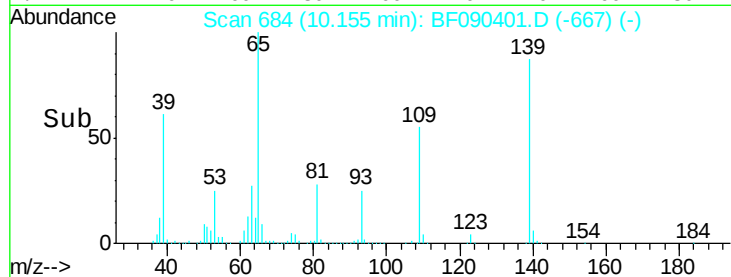
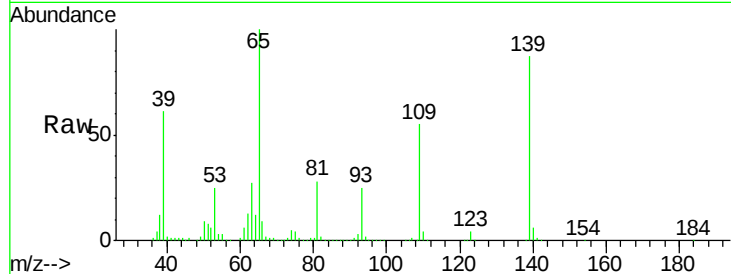
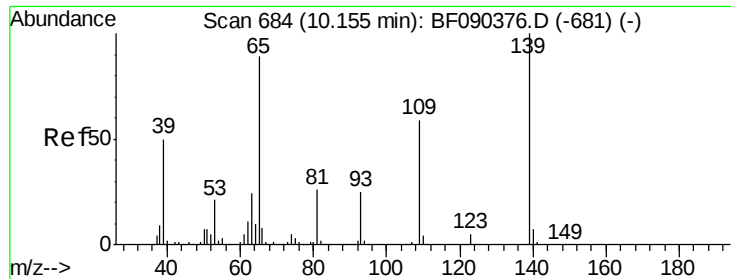
#54
Dibenzofuran
Concen: 39.36 ng
RT: 10.26 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1411414		
139	43.9	29.6	44.4	
169	14.4	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.02 ng

RT: 10.15 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tot Ion:	139	Resp:	486155
Ion Ratio	Lower	Upper	
139	100		
109	63.1	43.6	83.6
65	115.2	87.5	127.5

Instrument :

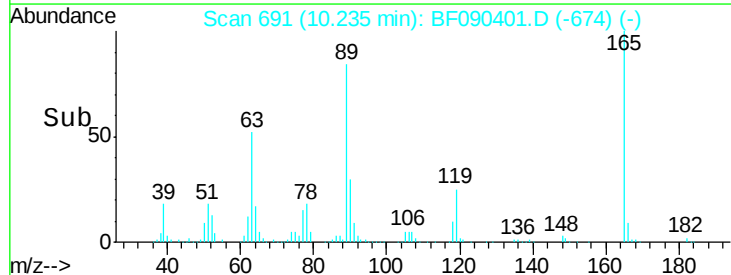
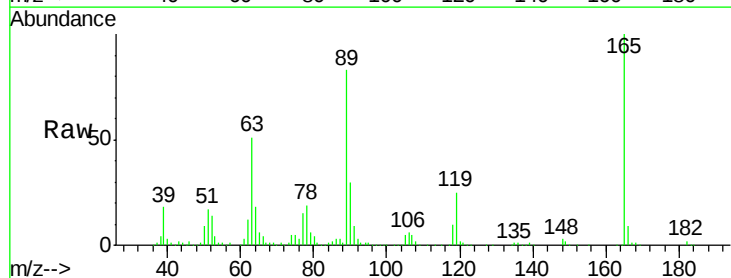
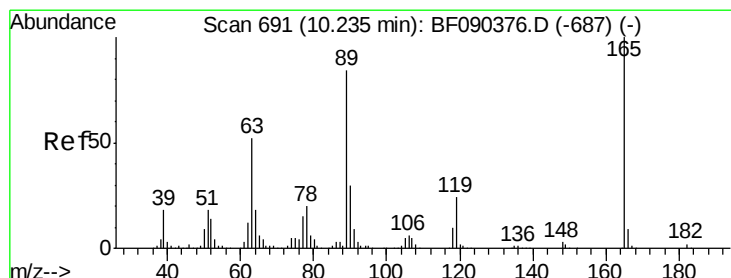
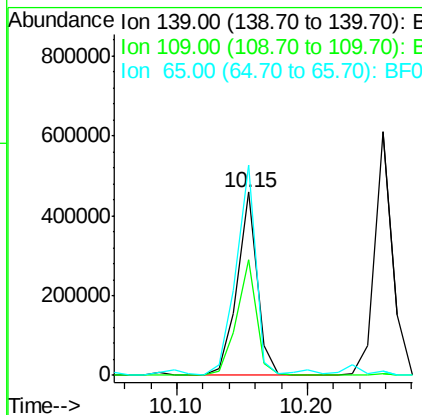
BNA_F

ClientSampleId :

SUP-B003-5-10MSD

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#56

2,4-Dinitrotoluene

Concen: 42.32 ng

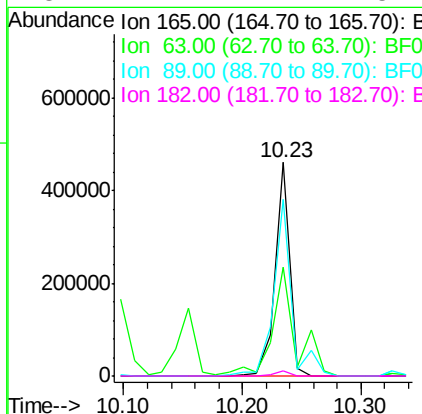
RT: 10.23 min Scan# 691

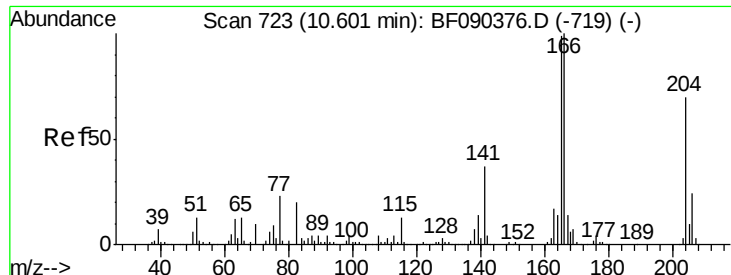
Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion:	165	Resp:	393838
Ion Ratio	Lower	Upper	
165	100		
63	50.9	17.8	26.6#
89	82.6	33.2	49.8#
182	2.2	2.1	3.1





#57

Fluorene

Concen: 39.21 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:166 Resp: 1181672

Ion Ratio Lower Upper

166 100

165 99.6 79.2 118.8

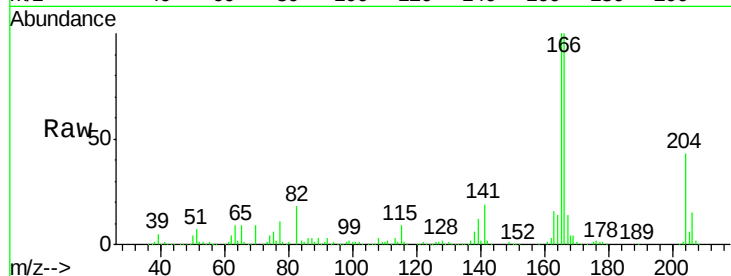
167 14.2 11.1 16.7

Manual Integrations

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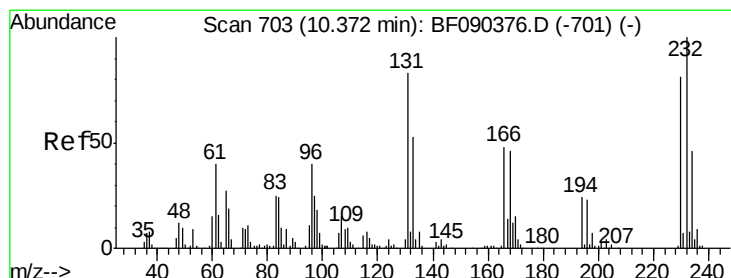
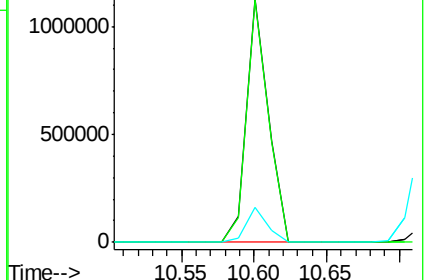
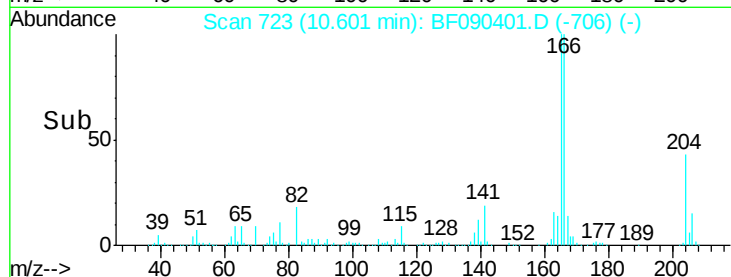
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.54 ng

RT: 10.37 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Tgt Ion:232 Resp: 268761

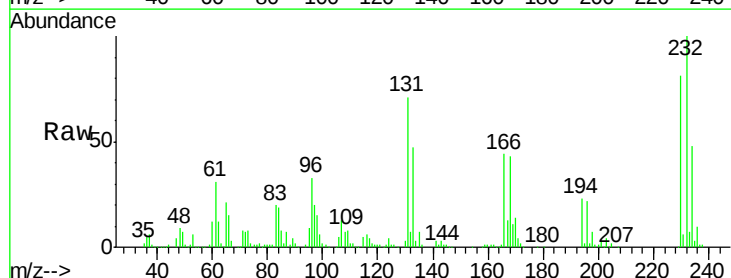
Ion Ratio Lower Upper

232 100

131 60.0 34.5 51.7#

130 2.7 1.6 2.4#

166 38.4 23.8 35.8#

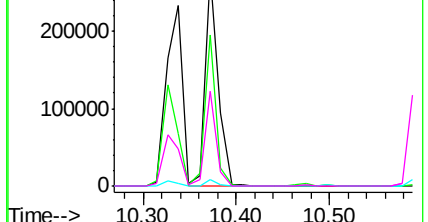
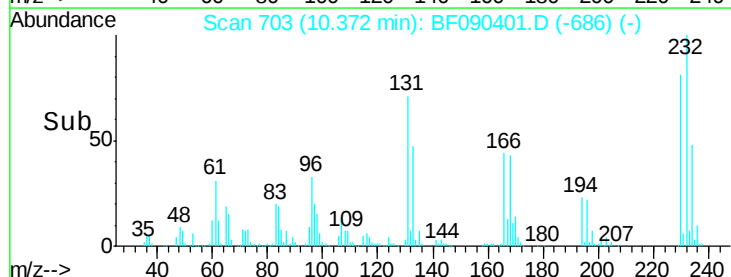


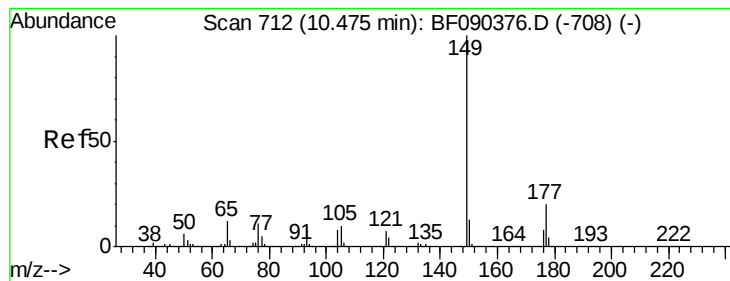
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.82 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:149 Resp: 1297859

Ion Ratio Lower Upper

149 100

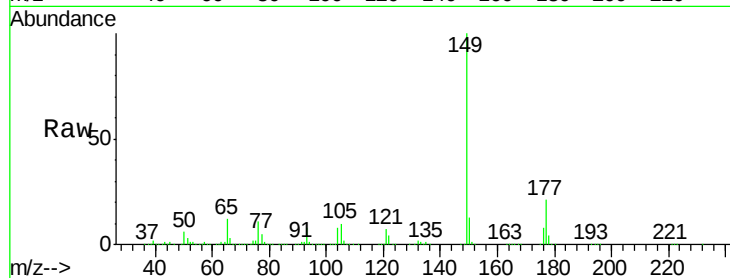
177 20.6 21.1 31.7#

150 12.8 10.2 15.2

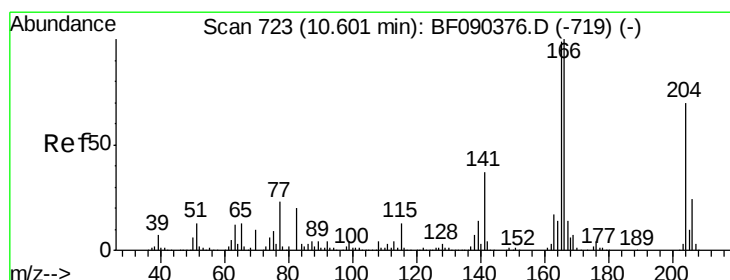
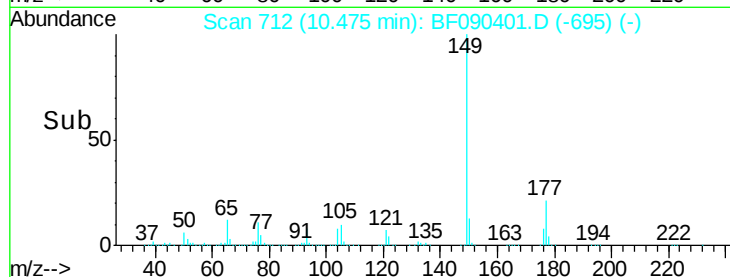
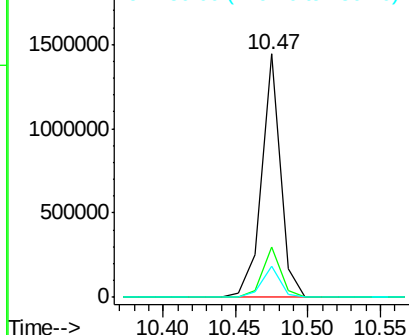
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.19 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

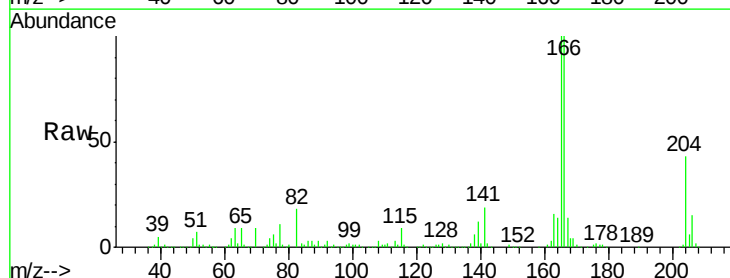
Tgt Ion:204 Resp: 564427

Ion Ratio Lower Upper

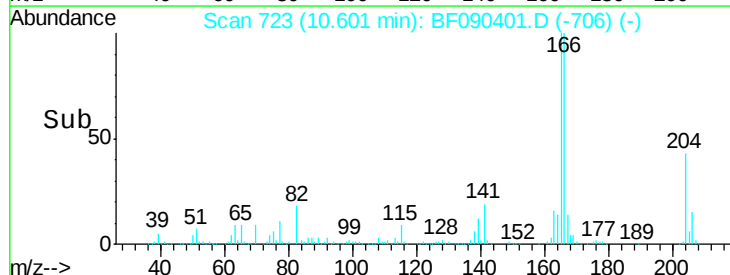
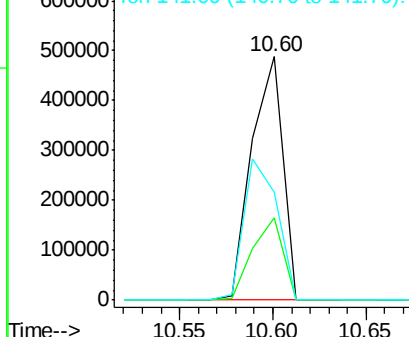
204 100

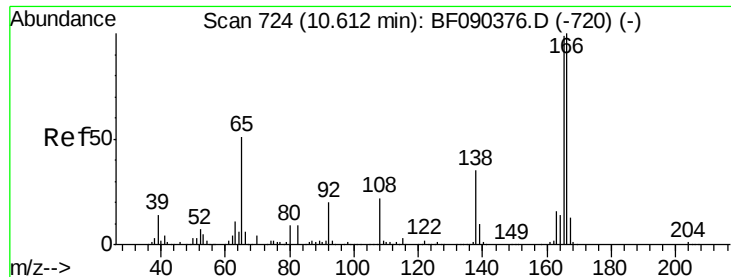
206 33.6 26.7 40.1

141 44.4 51.7 77.5#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





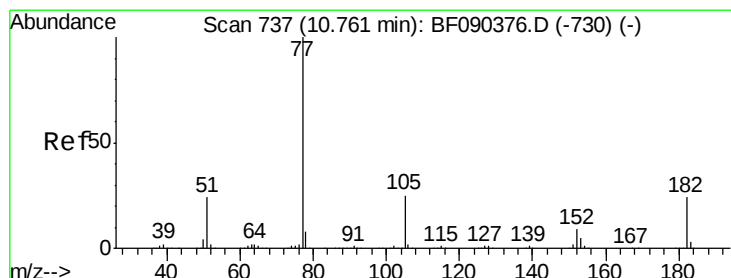
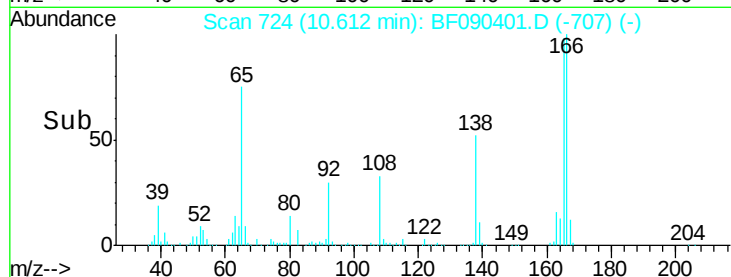
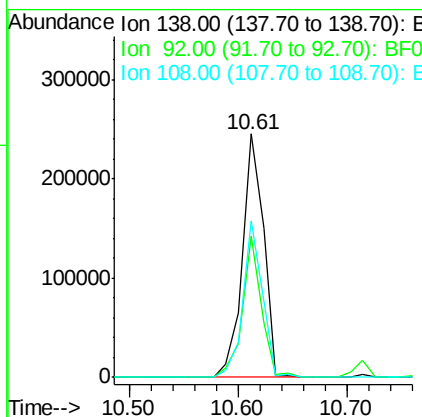
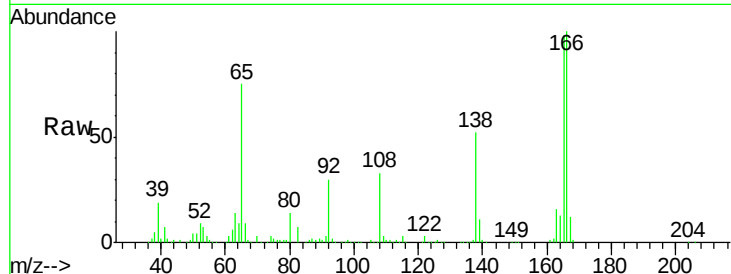
#61
4-Nitroaniline
Concen: 40.01 ng
RT: 10.61 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	329315		
92	57.8		33.2	73.2
108	64.1		48.5	88.5

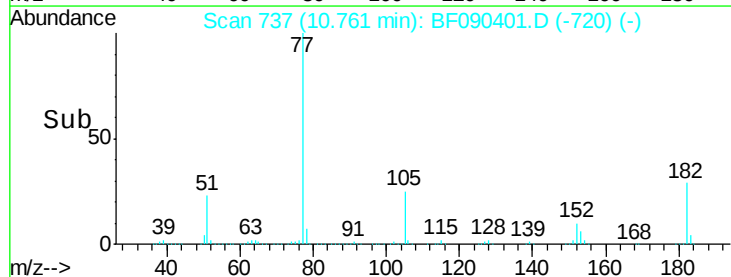
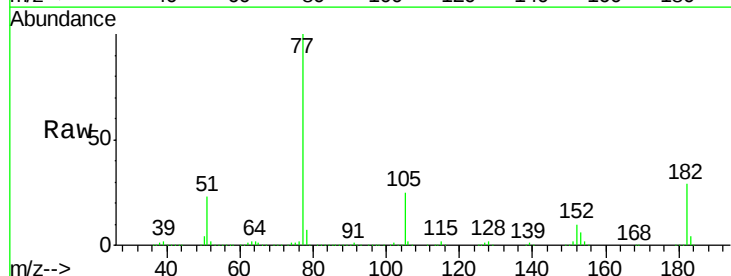
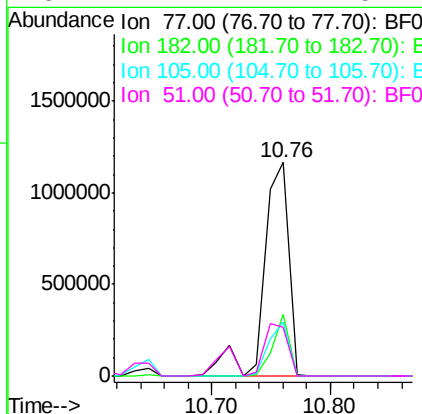
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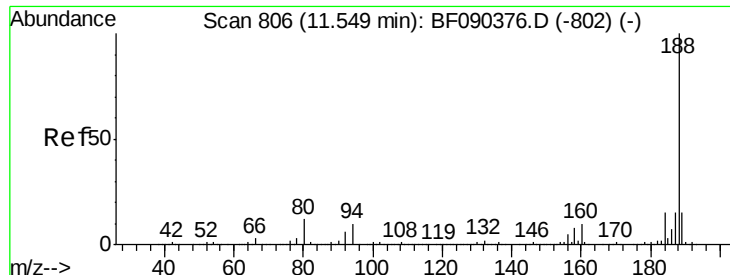
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#62
Azobenzene
Concen: 45.51 ng
RT: 10.76 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1713312		
182	28.8		3.2	43.2
105	25.0		2.9	42.9
51	22.7		14.2	54.2





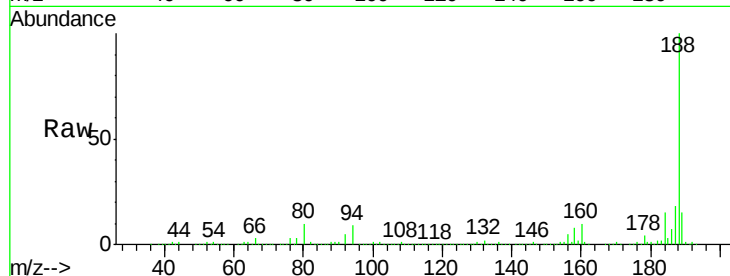
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

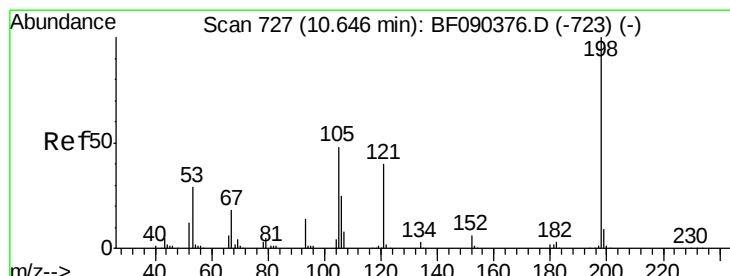
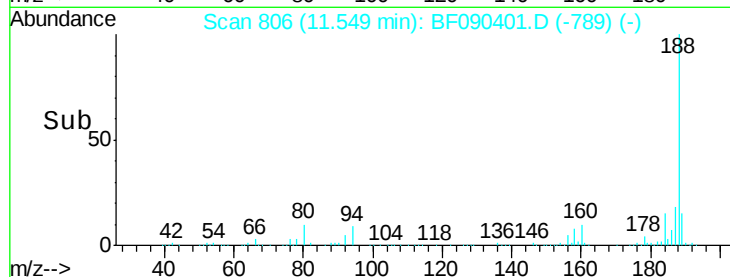
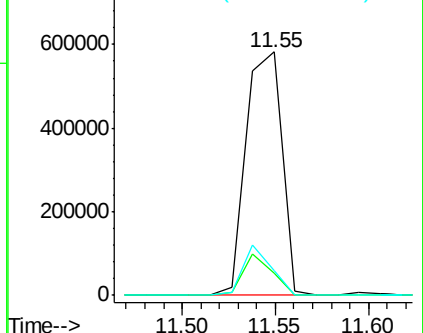
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.3	8.8	13.2

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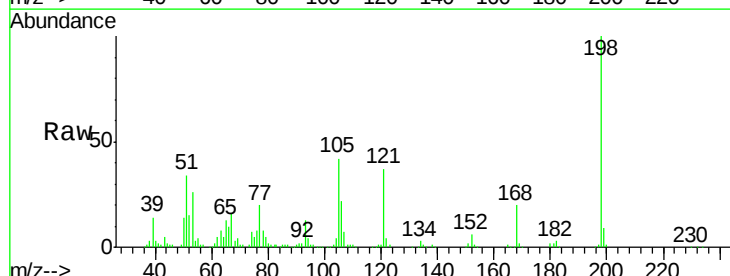


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

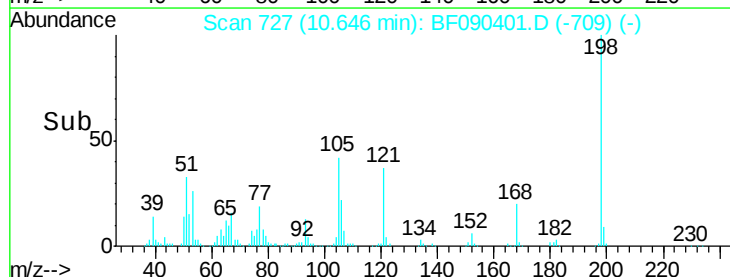
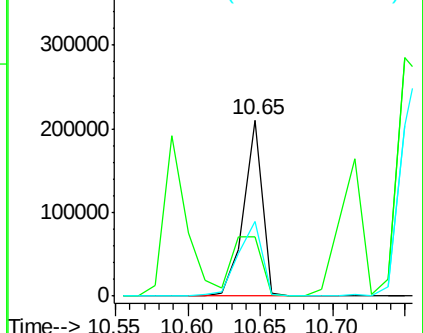


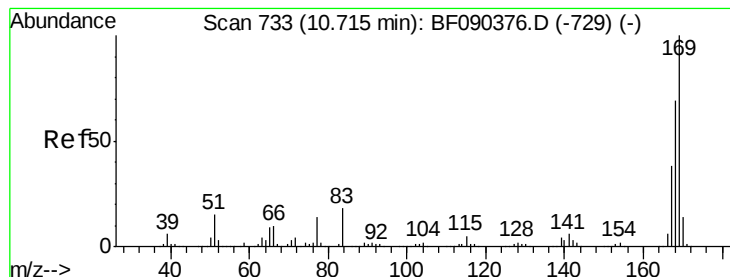
#64
4,6-Dinitro-2-methylphenol
Concen: 36.72 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.6	67.3	107.3#
105	42.1	42.6	82.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





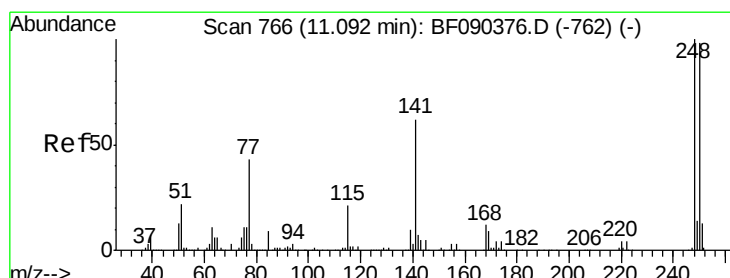
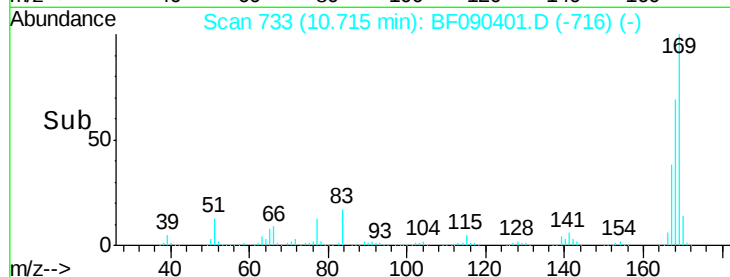
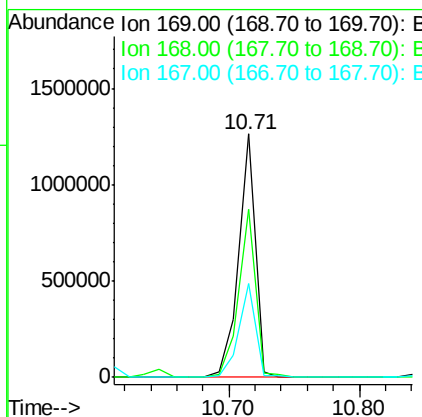
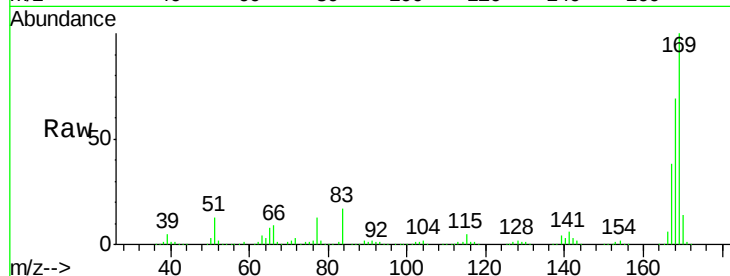
#65
n-Nitrosodiphenylamine
Concen: 42.15 ng
RT: 10.71 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion:169 Resp: 1115882
Ion Ratio Lower Upper
169 100
168 69.1 53.8 80.6
167 38.5 29.8 44.8

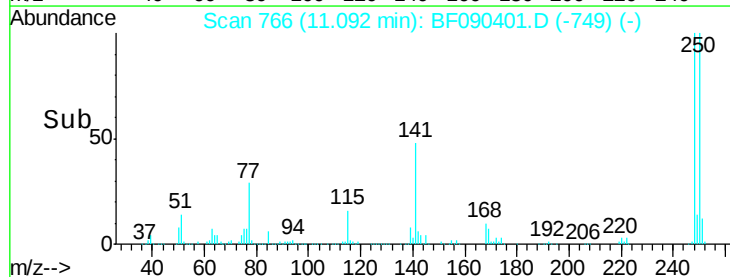
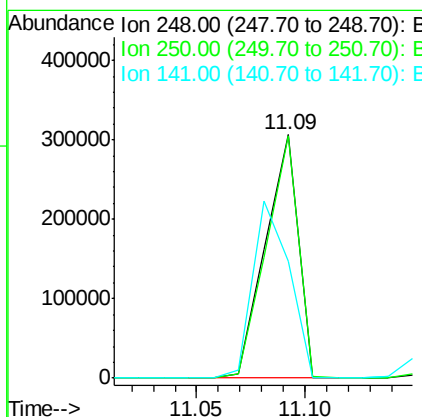
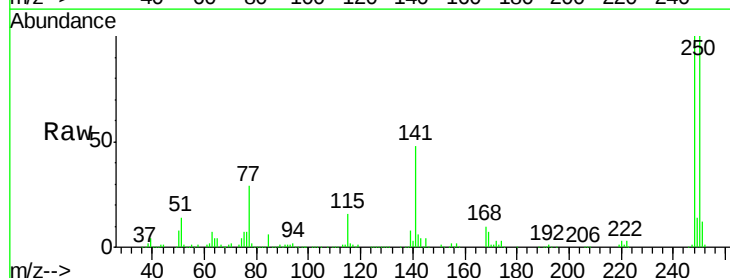
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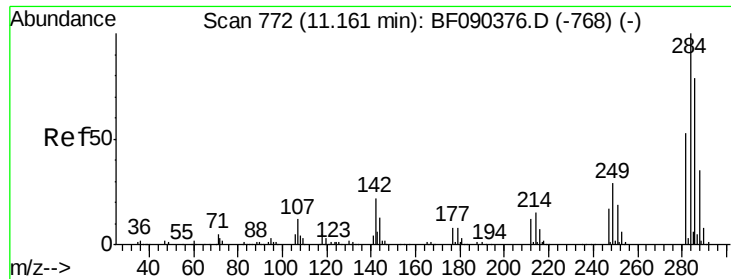
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#66
4-Bromophenyl-phenylether
Concen: 41.98 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion:248 Resp: 325095
Ion Ratio Lower Upper
248 100
250 99.7 76.5 114.7
141 47.9 59.8 89.6#





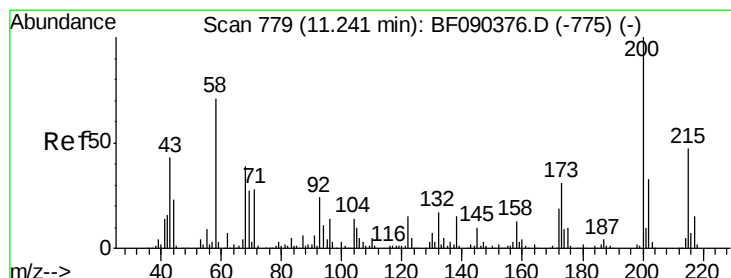
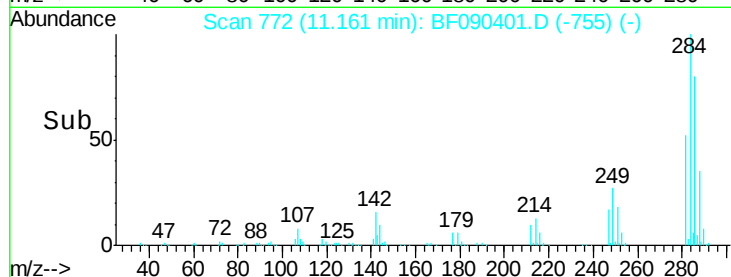
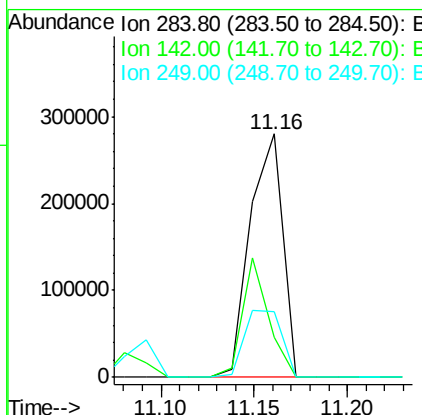
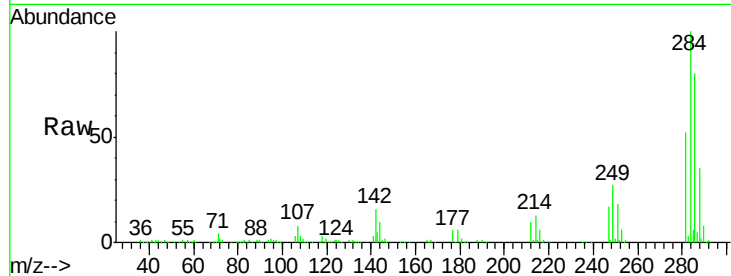
#67
Hexachlorobenzene
Concen: 39.16 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	337740		
142	16.3	23.1	34.7#	
249	27.2	26.3	39.5	

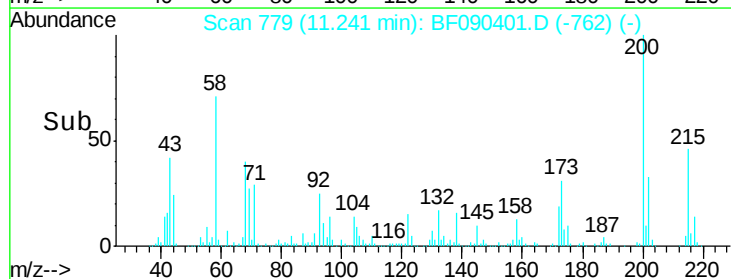
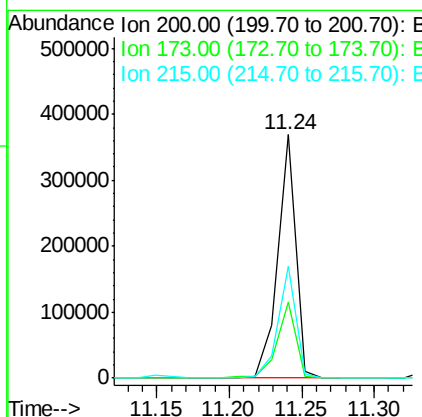
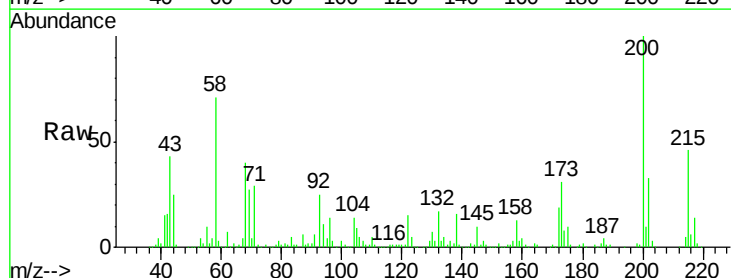
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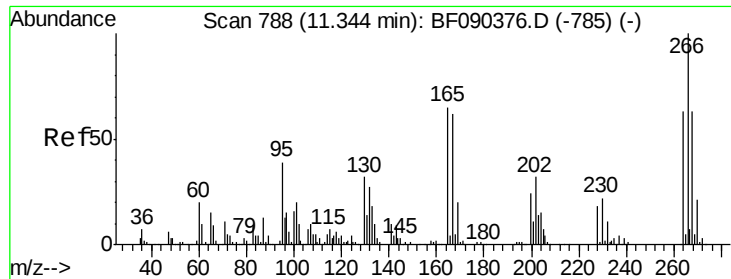
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#68
Atrazine
Concen: 48.69 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	317869		
173	31.0	9.0	49.0	
215	46.1	24.8	64.8	





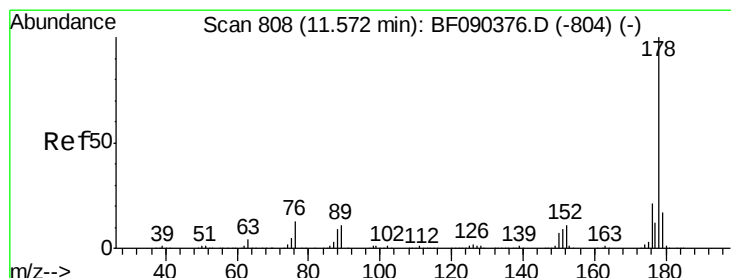
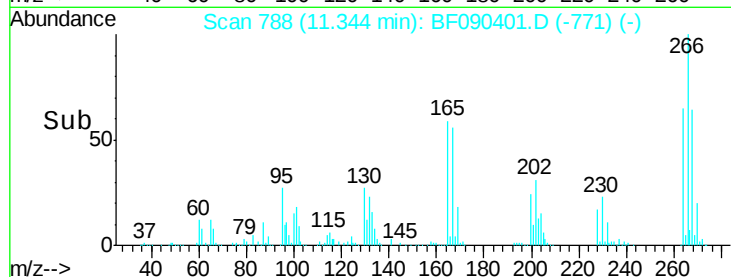
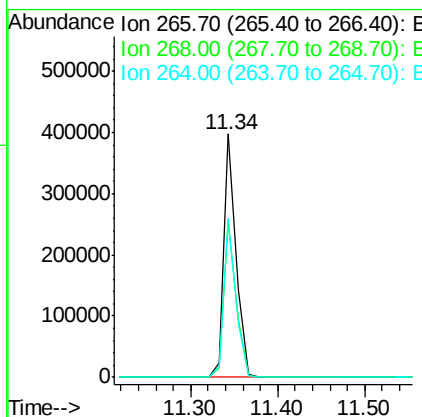
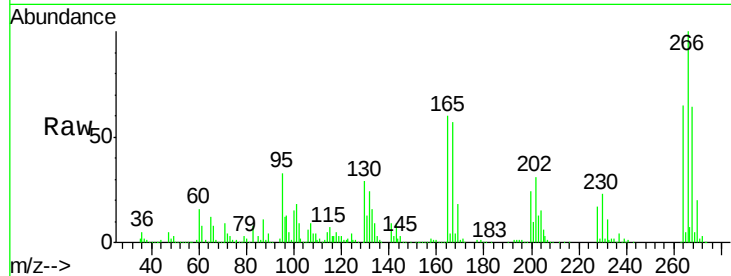
#69
 Pentachlorophenol
 Concen: 77.11 ng
 RT: 11.34 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	395892		
268	63.7	50.9	76.3	
264	65.3	51.5	77.3	

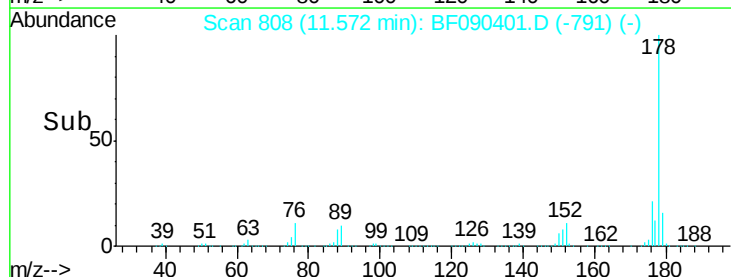
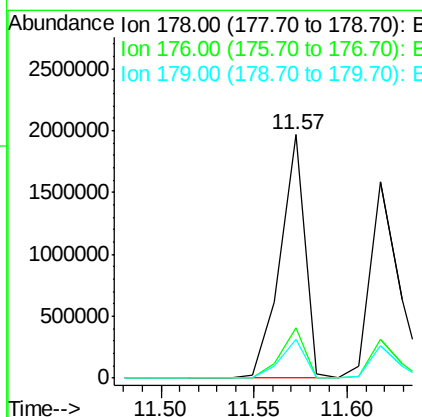
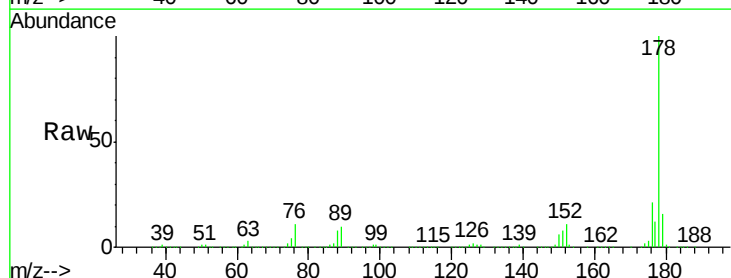
Manual Integrations
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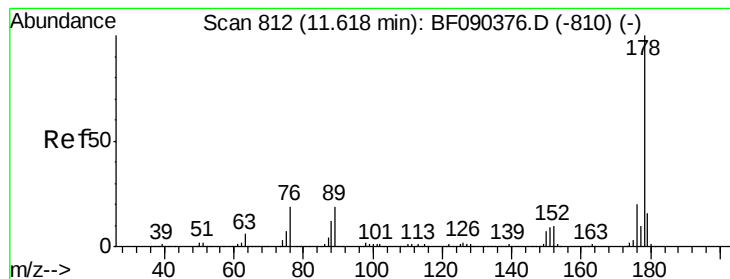
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#70
 Phenanthrene
 Concen: 44.68 ng
 RT: 11.57 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1807826		
176	20.8	17.3	25.9	
179	16.1	13.8	20.6	





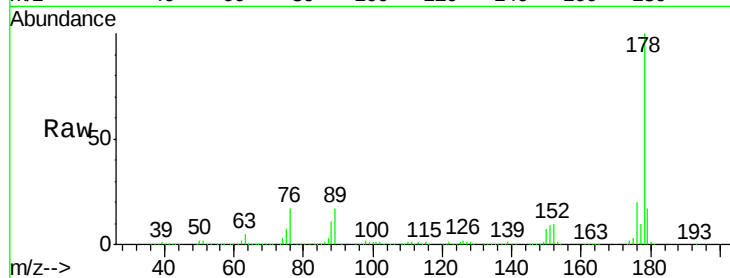
#71
 Anthracene
 Concen: 38.64 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

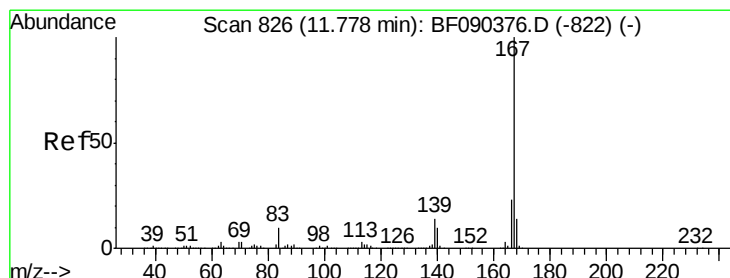
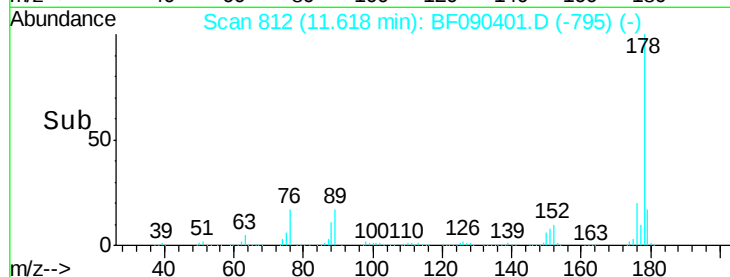
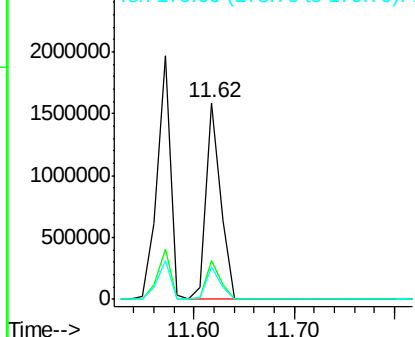
Tot Ion:178 Resp: 1596620
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.8 25.2
 179 16.7 13.4 20.2

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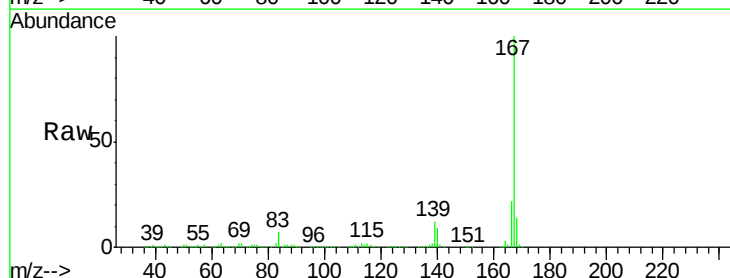


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

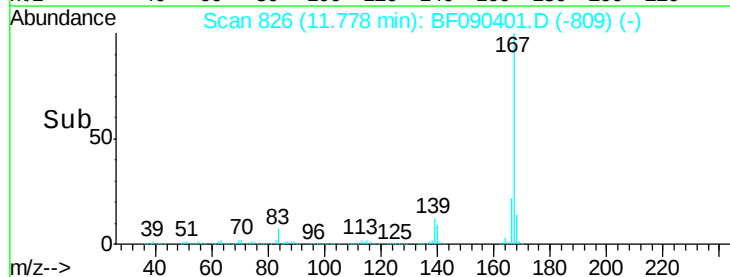
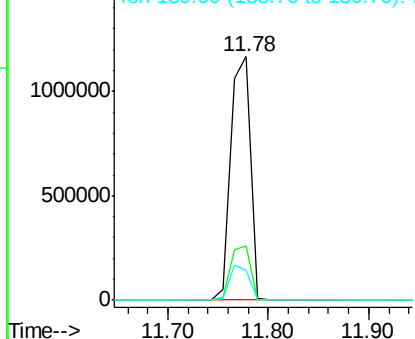


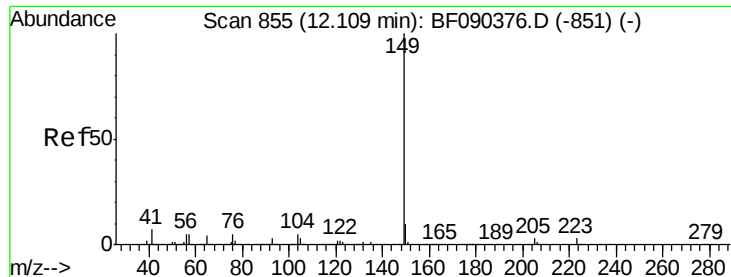
#72
 Carbazole
 Concen: 41.14 ng
 RT: 11.78 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion:167 Resp: 1579198
 Ion Ratio Lower Upper
 167 100
 166 22.3 19.1 28.7
 139 12.1 12.1 18.1#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.48 ng

RT: 12.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:149 Resp: 2077881

Ion Ratio Lower Upper

149 100

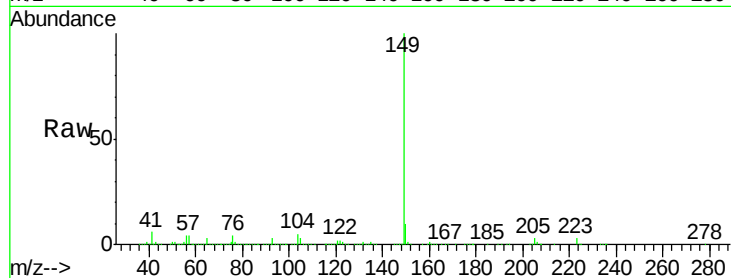
150 9.7 8.6 12.8

104 4.6 4.7 7.1#

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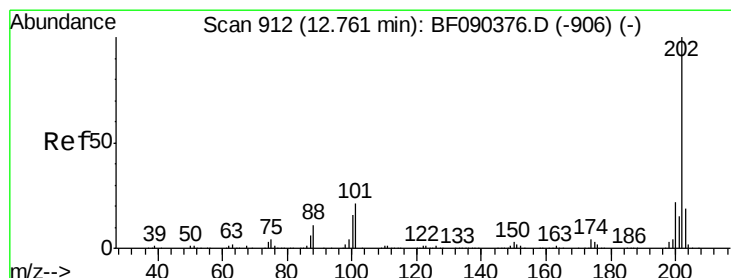
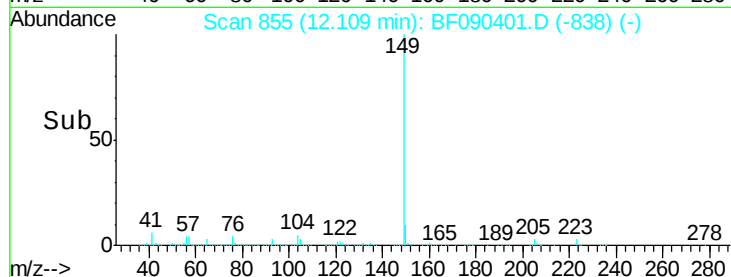
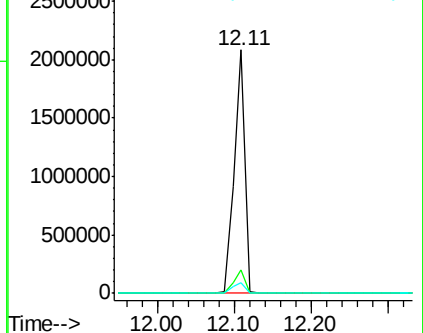
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.91 ng

RT: 12.76 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

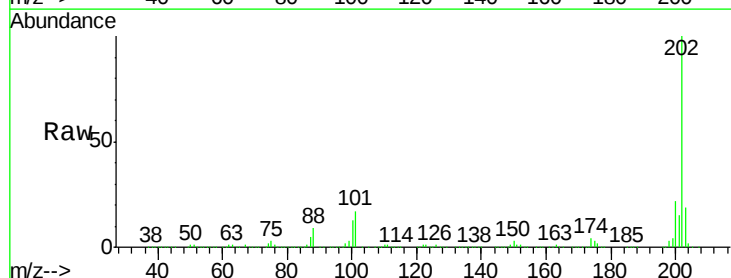
Tgt Ion:202 Resp: 1583802

Ion Ratio Lower Upper

202 100

101 17.4 0.0 37.2

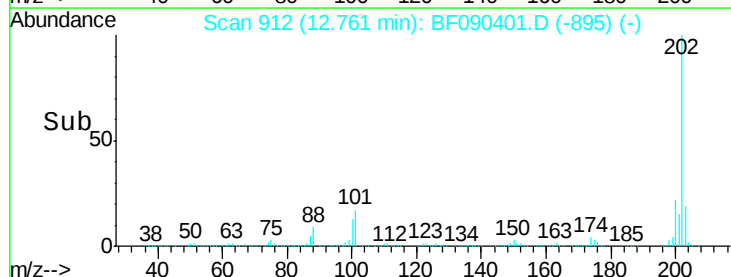
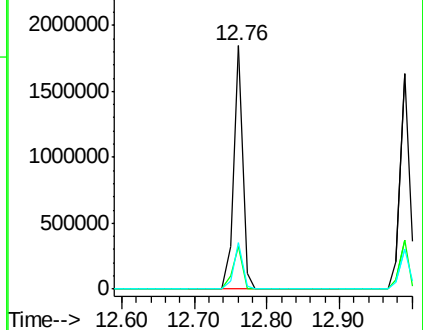
203 18.9 0.0 39.3

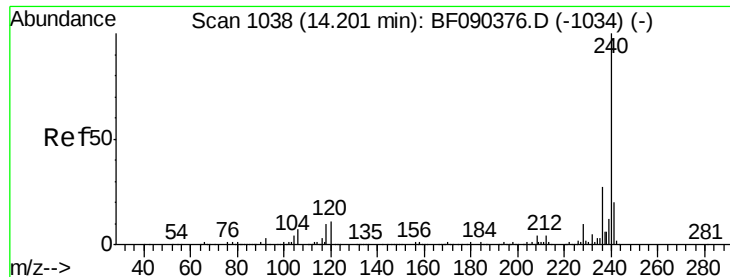


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:240 Resp: 537098

Ion Ratio Lower Upper

240 100

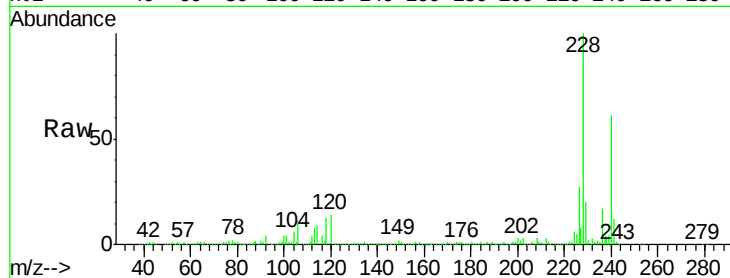
120 23.0 8.6 13.0#

236 27.3 21.6 32.4

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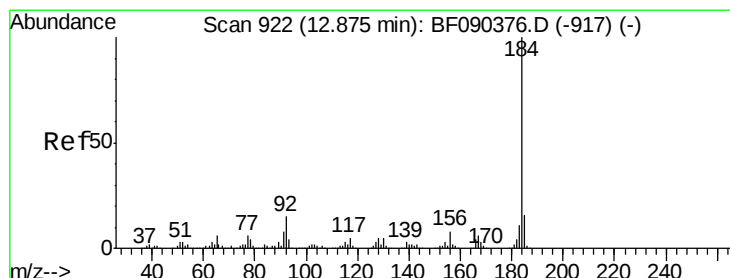
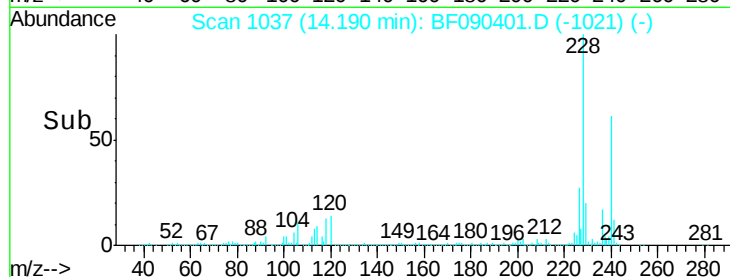
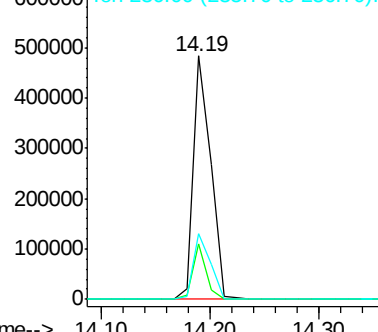
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 57.25 ng

RT: 12.88 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

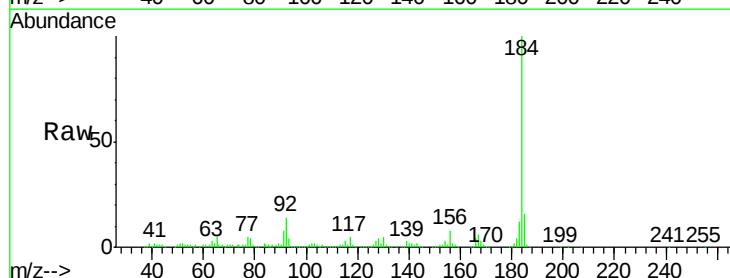
Tgt Ion:184 Resp: 808551

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.8

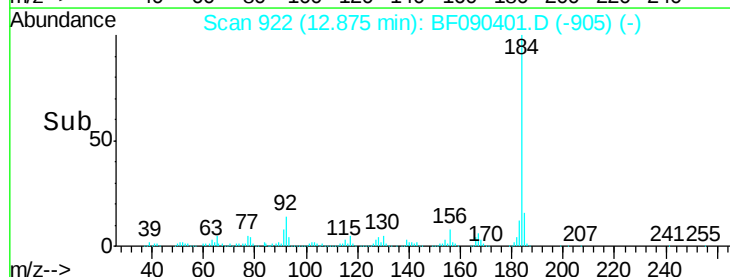
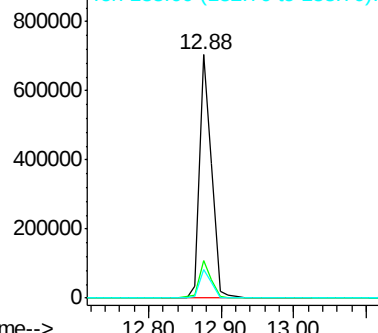
183 11.8 9.6 14.4

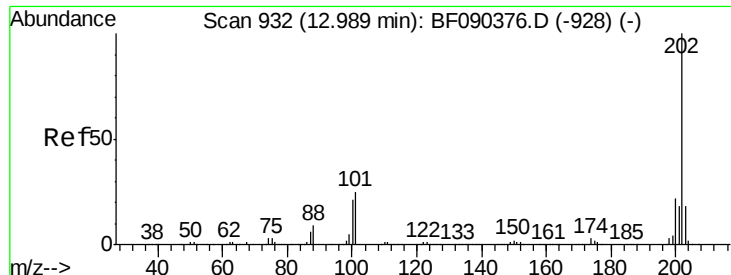


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





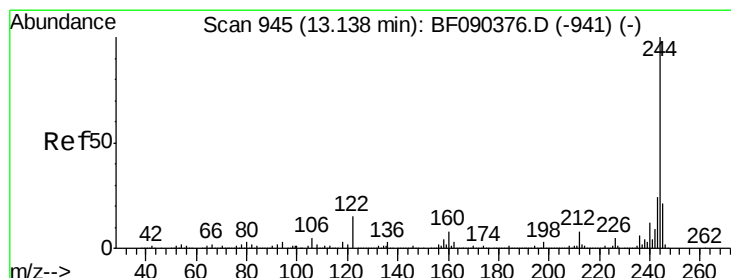
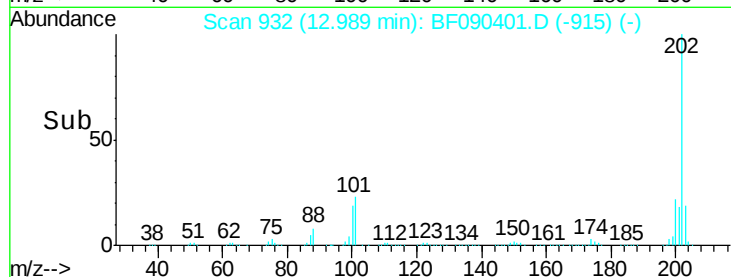
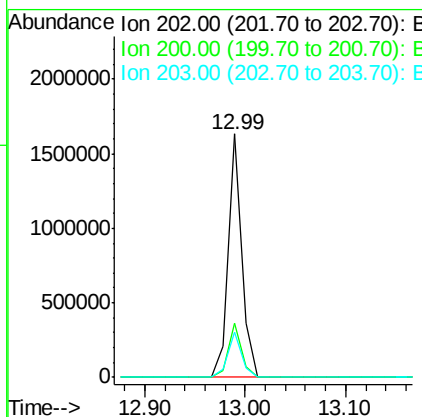
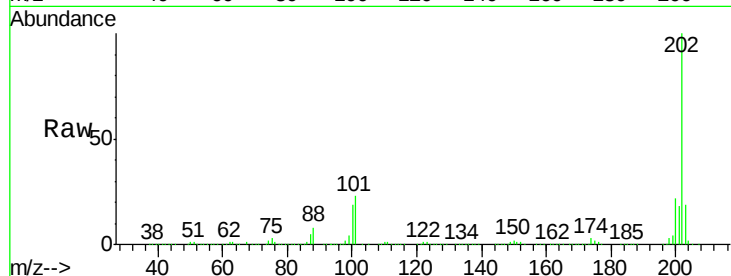
#77
Pvrene
Concen: 42.48 ng
RT: 12.99 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.5	27.7
203	18.6	15.0	22.6

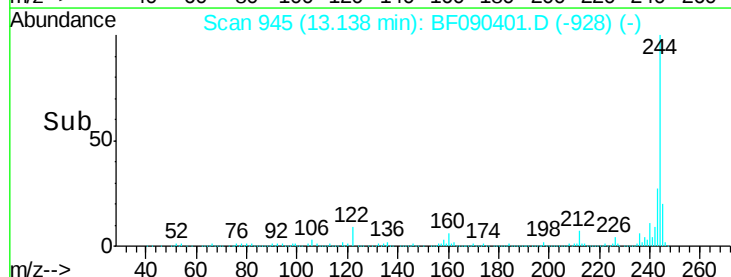
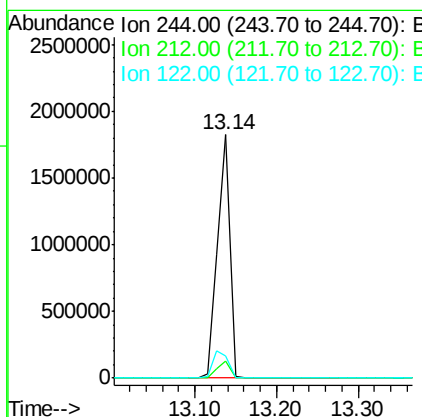
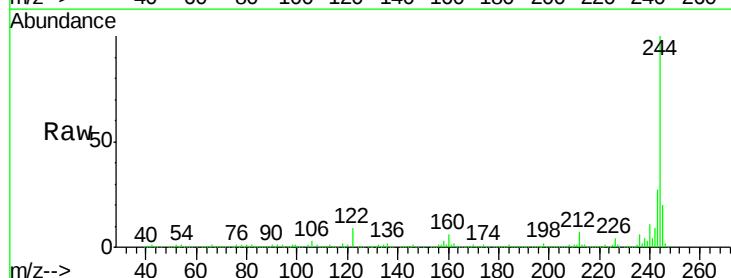
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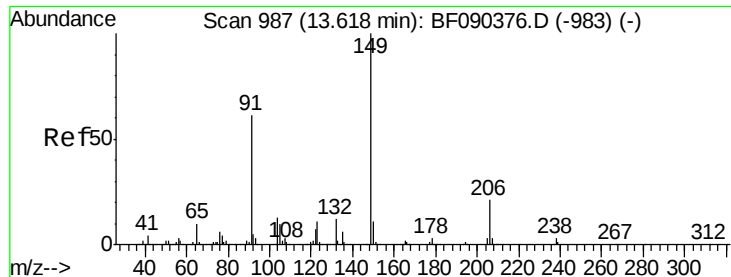
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#78
Terphenyl-d14
Concen: 80.30 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.8	10.2#
122	8.9	13.3	19.9#





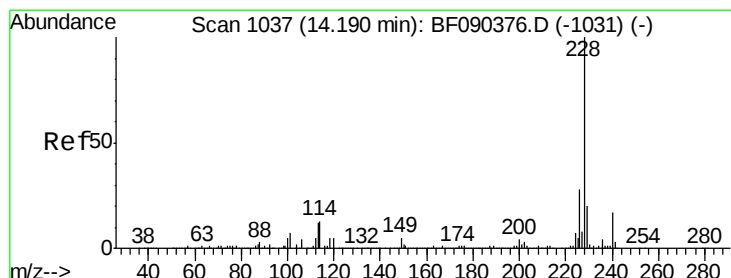
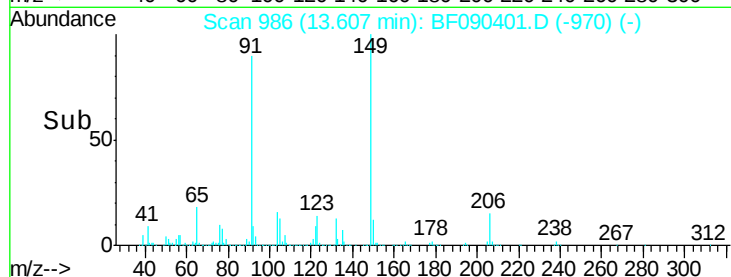
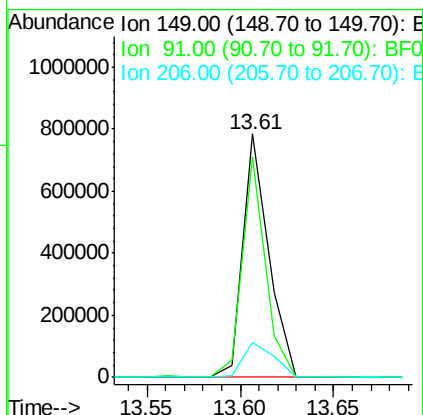
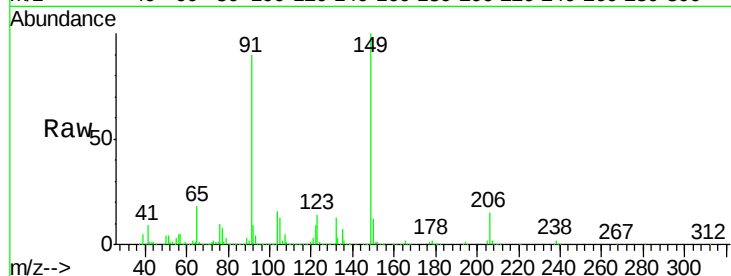
#79
Butylbenzylphthalate
Concen: 41.21 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	90.5	51.8	77.8#
206	14.6	18.0	27.0#

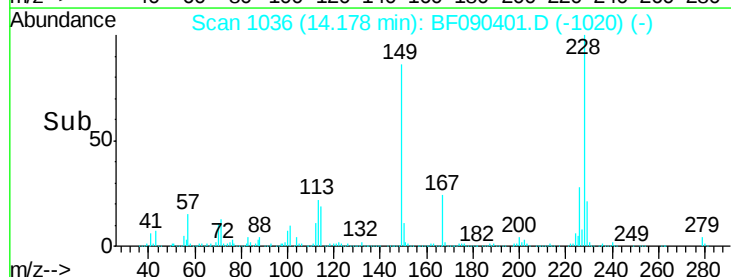
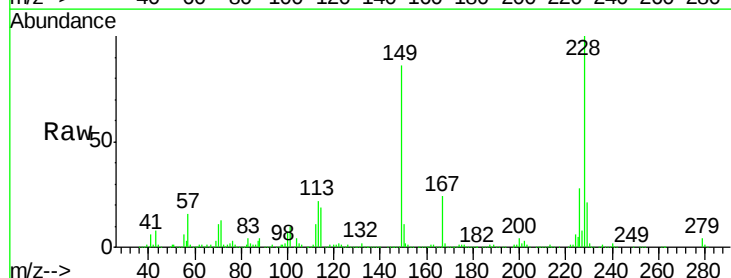
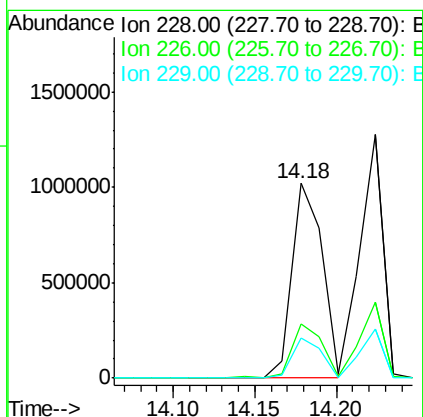
Manual Integrations
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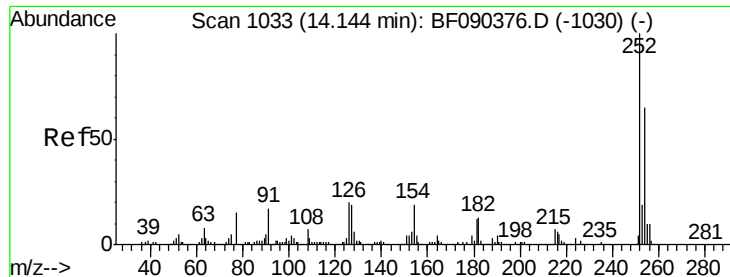
SOHIL
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#80
Benzo(a)anthracene
Concen: 43.75 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.6	35.4
229	20.8	16.6	25.0





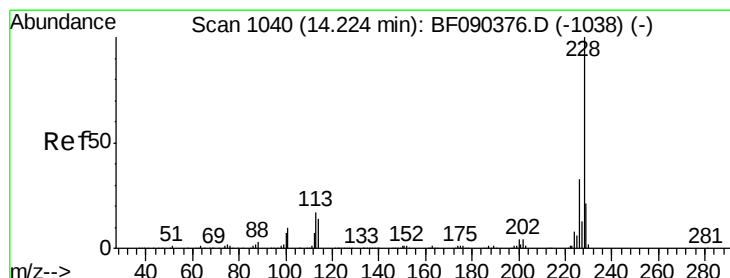
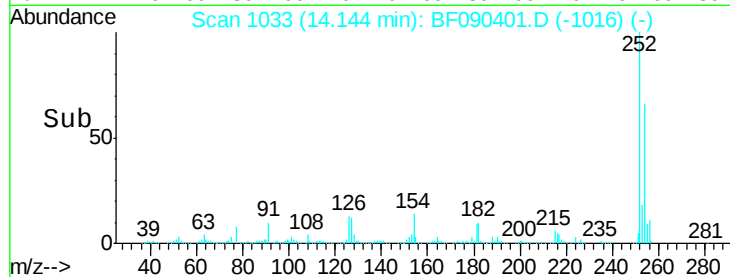
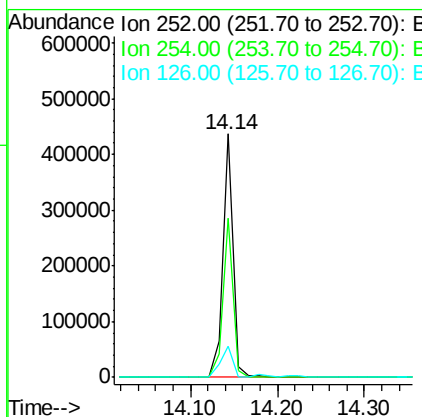
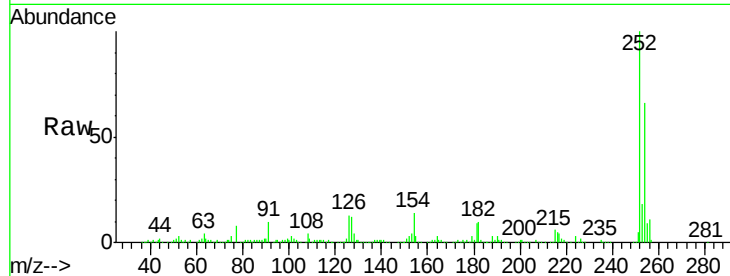
#81
 3,3'-Dichlorobenzidine
 Concen: 33.44 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	12.9	4.2	6.4

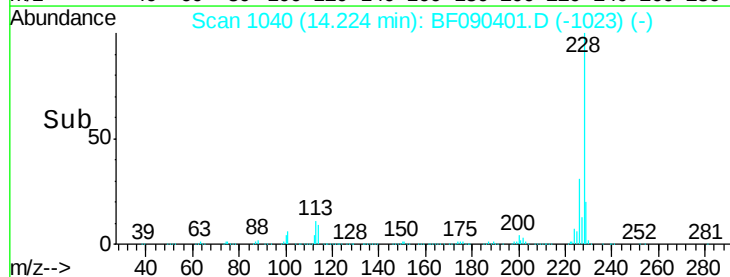
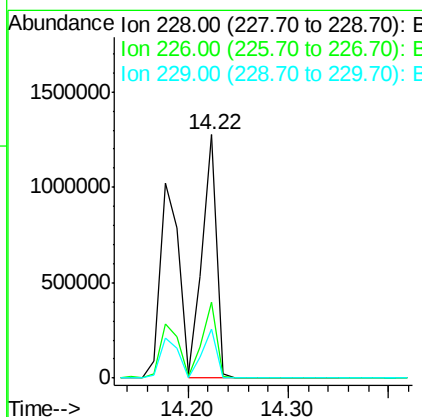
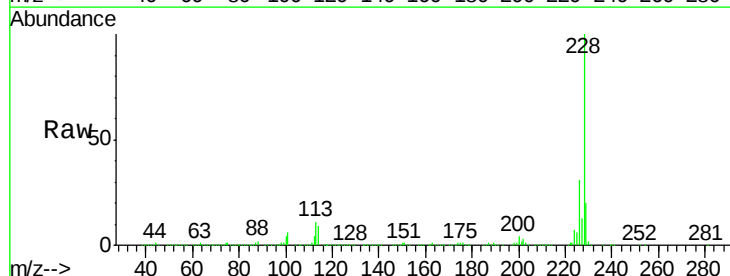
Manual Integrations
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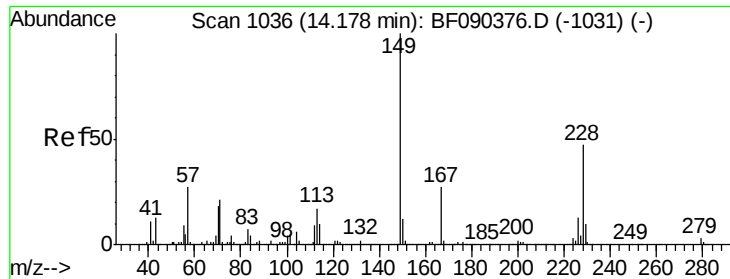
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#82
 Chrysene
 Concen: 45.59 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.8	38.6
229	20.2	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.20 ng

RT: 14.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

Instrument :

BNA_F

ClientSampleId :

SUP-B003-5-10MSD

Tot Ion:149 Resp: 1102309

Ion Ratio Lower Upper

149 100

167 28.2 21.5 32.3

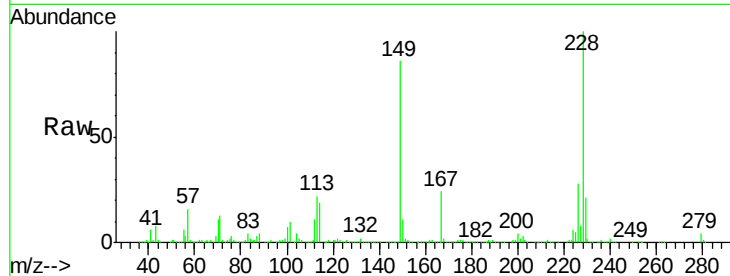
279 4.4 2.6 3.8#

Manual Integrations

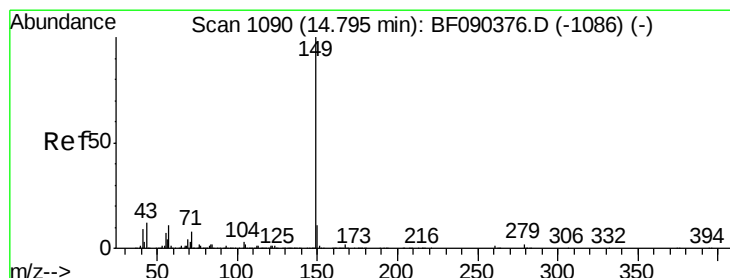
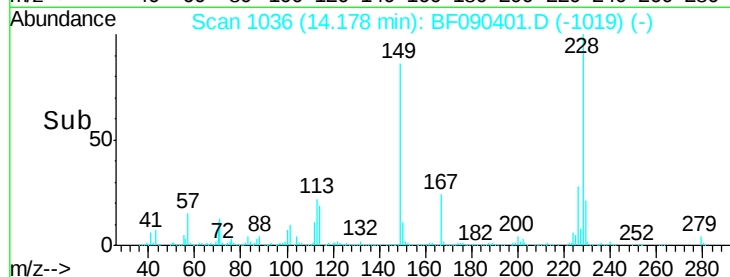
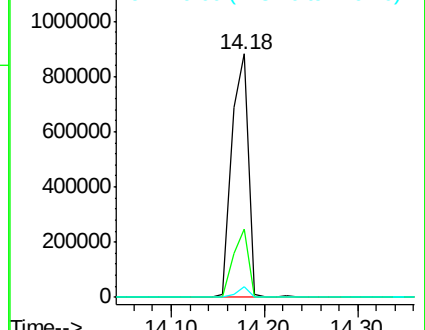
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.88 ng

RT: 14.80 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF090401.D

Acq: 6 Oct 2016 1:07

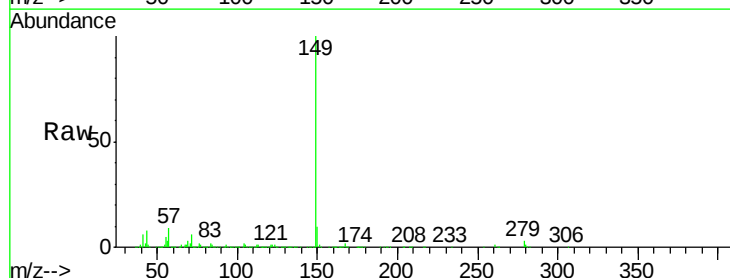
Tgt Ion:149 Resp: 1660482

Ion Ratio Lower Upper

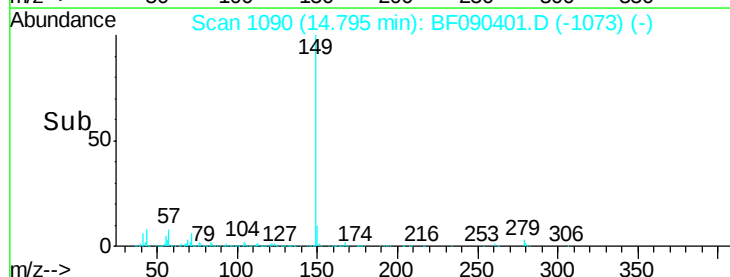
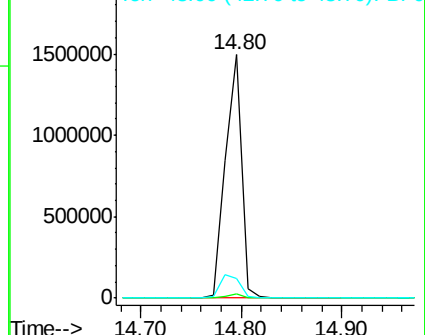
149 100

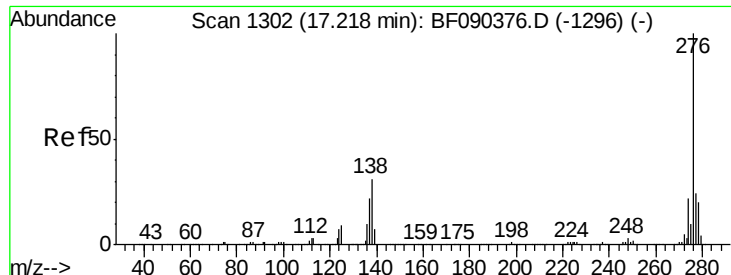
167 1.6 1.3 1.9

43 11.5 11.8 17.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





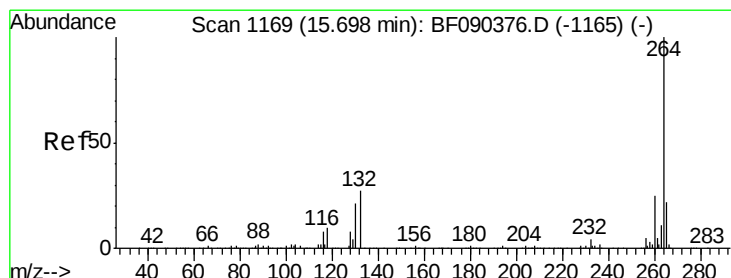
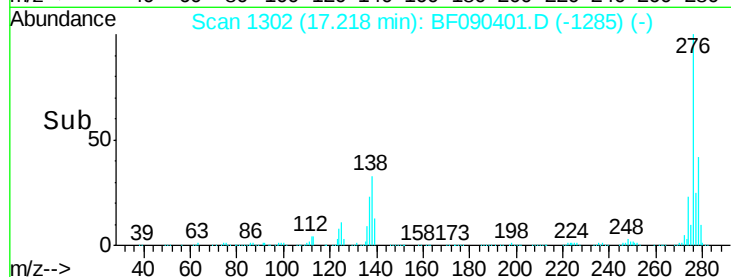
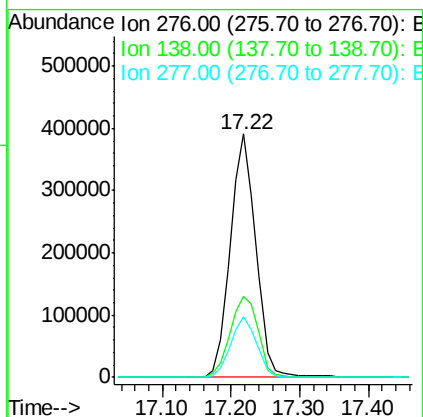
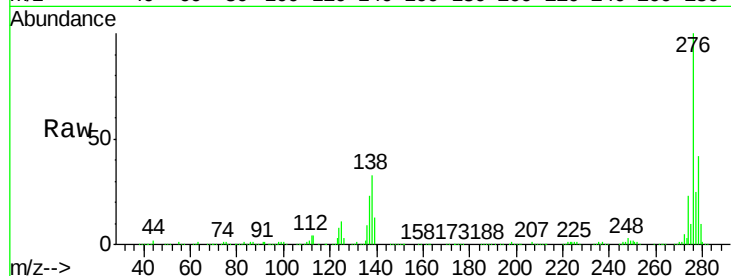
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.50 ng
RT: 17.22 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.8	23.8	35.8
277	25.2	20.4	30.6

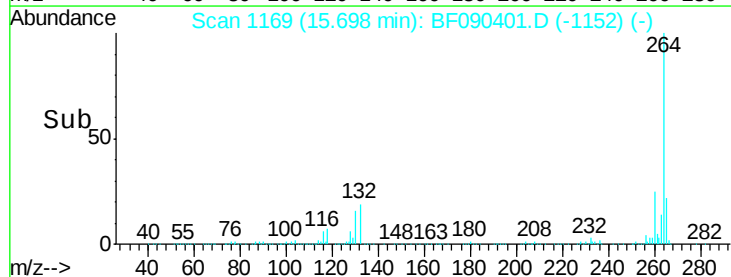
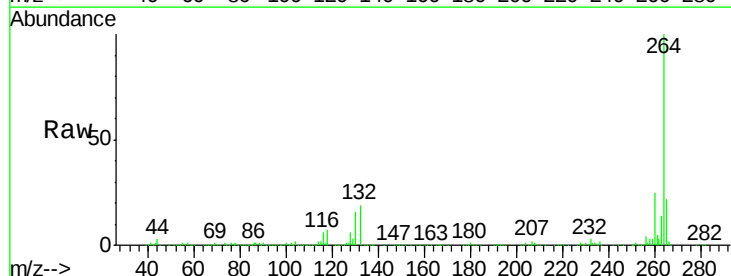
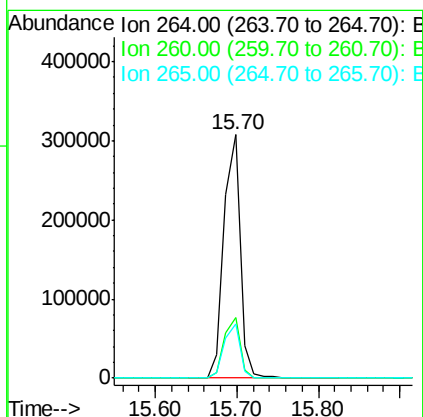
Manual Integrations
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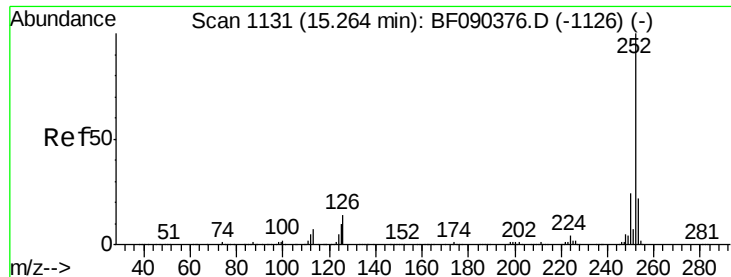
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10/6/2016 5:27:44 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.0	17.4	26.0





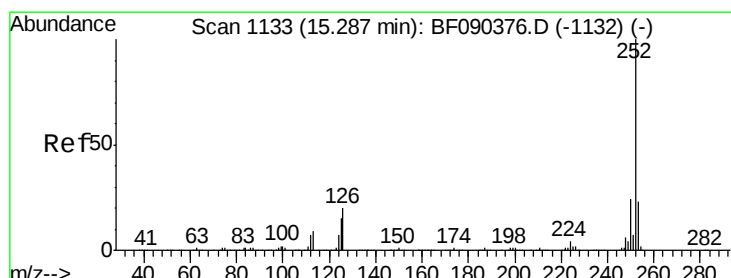
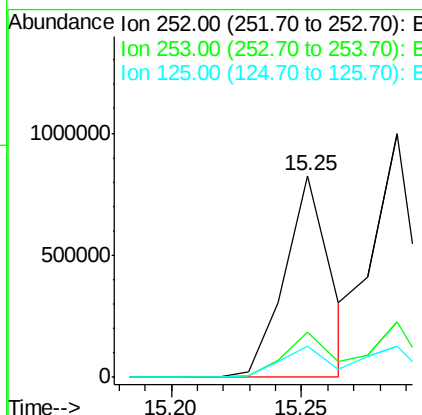
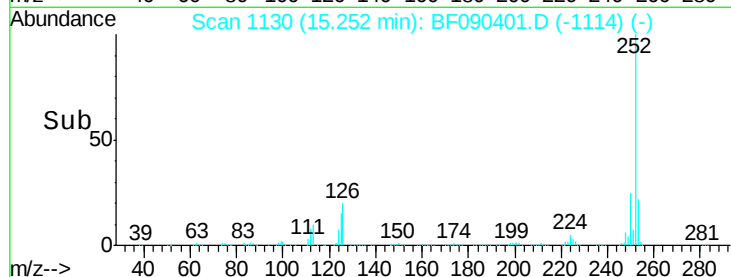
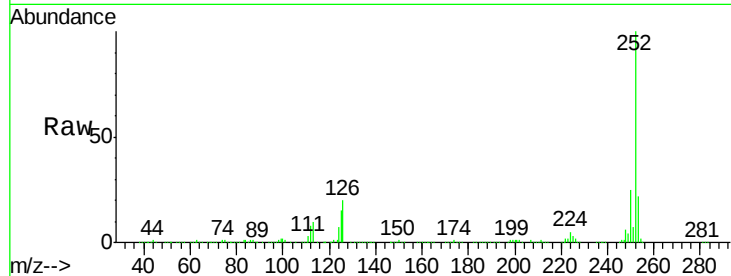
#87
Benzo(b)fluoranthene
Concen: 36.67 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	15.2	7.0	10.4

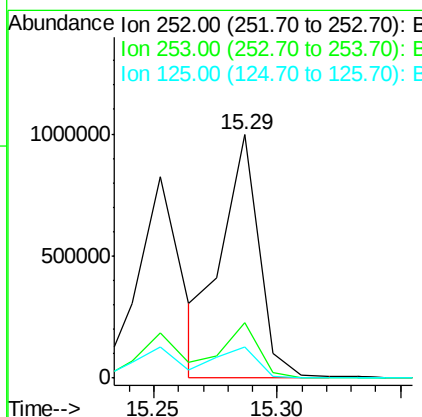
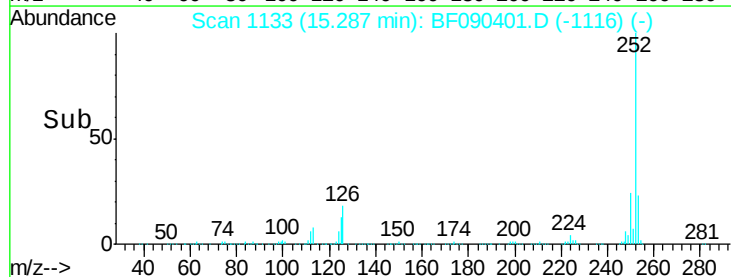
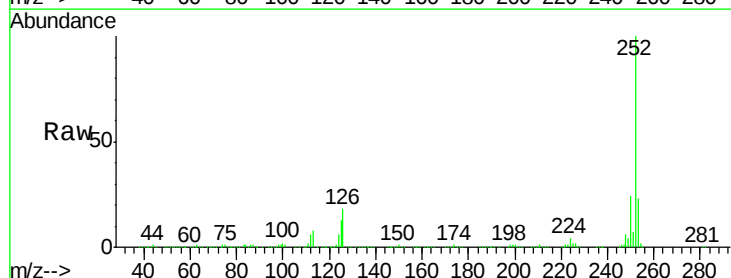
Manual Integrations
APPROVED

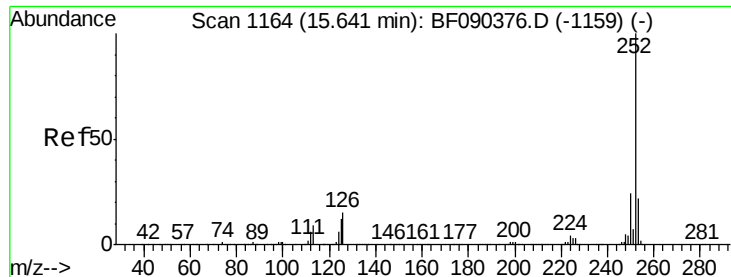
SOHIL
10/6/2016 5:27:44 PM



#88
Benzo(k)fluoranthene
Concen: 40.92 ng m
RT: 15.29 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	12.5	11.7	17.5





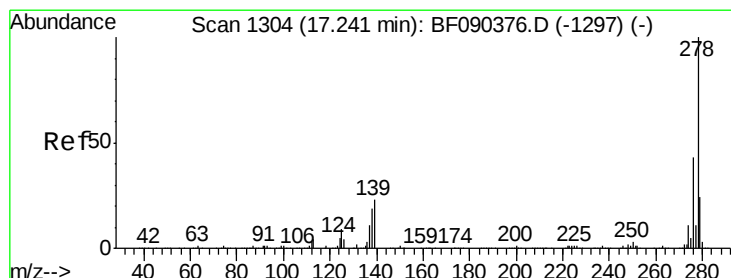
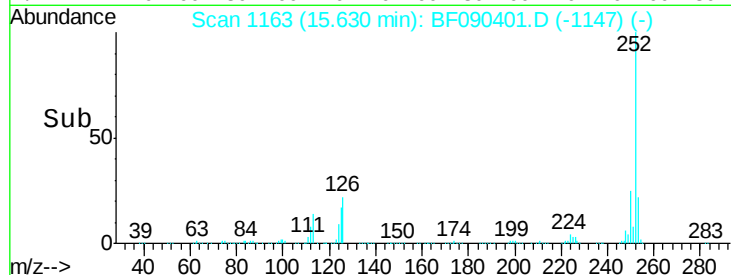
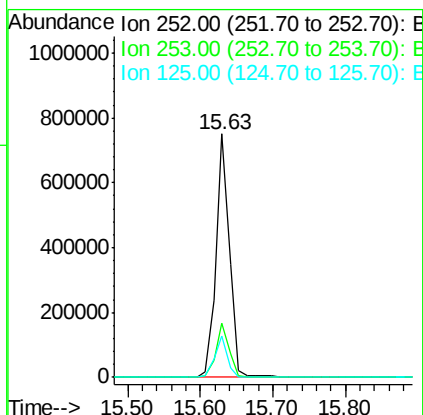
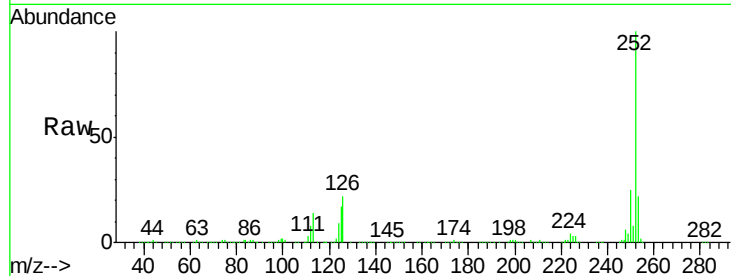
#89
Benzo(a)pyrene
Concen: 40.86 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	17.1	9.8	14.8

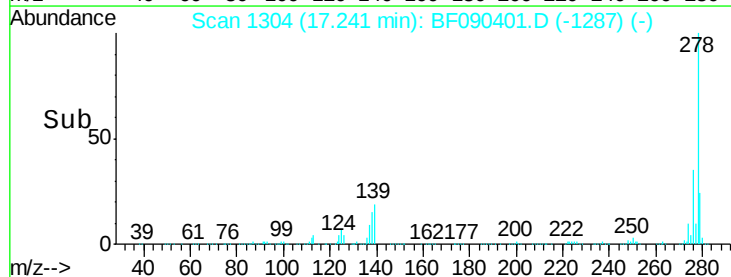
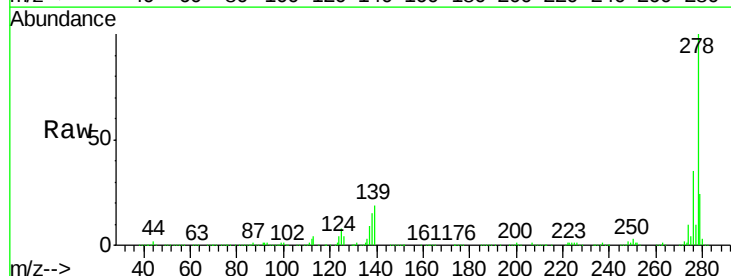
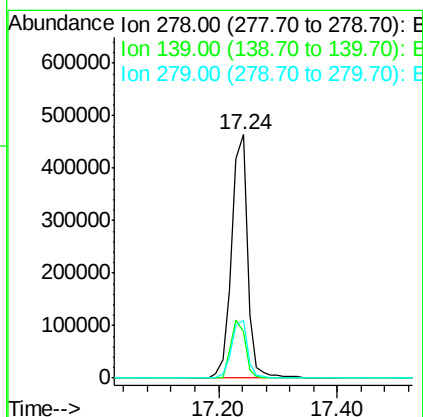
Manual Integrations
APPROVED

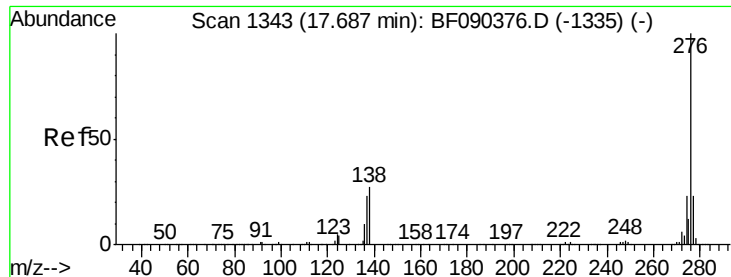
SOHIL
10/6/2016 5:27:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.51 ng
RT: 17.24 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF090401.D
Acq: 6 Oct 2016 1:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	12.8	19.2
279	24.1	19.6	29.4





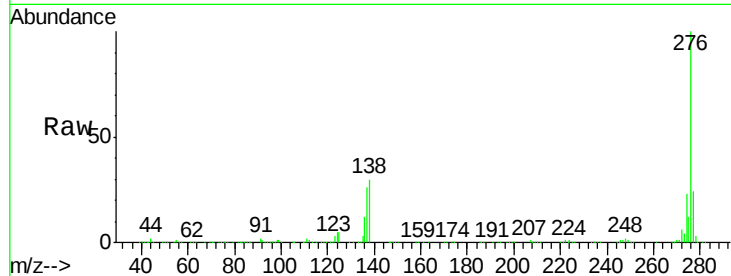
#91
 Benzo(a,h,i)perylene
 Concen: 43.44 ng
 RT: 17.68 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF090401.D
 Acq: 6 Oct 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-5-10MSD

Tot Ion:	276	Resp:	833136
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.4	29.0
138	30.1	20.8	31.2

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:44 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

