

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090421.D
 Acq On : 6 Oct 2016 11:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:28:02 PM

Quant Time: Oct 06 14:00:35 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	258019	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1043555	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	504901	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	783392	20.00	ng	0.00
75) Chrysene-d12	14.20	240	534688	20.00	ng	0.00
86) Perylene-d12	15.70	264	465589	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1319106	76.30	ng	0.00
7) Phenol-d6	6.62	99	1709954	75.52	ng	0.00
23) Nitrobenzene-d5	7.57	82	1623854	75.69	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	325464	79.27	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2550780	84.17	ng	0.00
78) Terphenyl-d14	13.14	244	2088144	87.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	314971	36.96	ng	# 91
3) Pyridine	3.47	79	902613	37.98	ng	# 82
4) n-Nitrosodimethylamine	3.41	42	344736	35.16	ng	# 59
6) Aniline	6.67	93	1160456	37.10	ng	95
8) 2-Chlorophenol	6.78	128	683960	35.95	ng	87
9) Benzaldehyde	6.54	77	463819	40.52	ng	88
10) Phenol	6.65	94	1014411	38.53	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	762002	37.81	ng	95
12) 1,3-Dichlorobenzene	6.94	146	682876	36.01	ng	# 92
13) 1,4-Dichlorobenzene	7.02	146	759120	39.41	ng	97
14) 1,2-Dichlorobenzene	7.18	146	634093m	34.17	ng	
15) Benzyl Alcohol	7.14	79	614407	35.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1211377	35.44	ng	95
17) 2-Methylphenol	7.25	107	548223	35.04	ng	99
18) Hexachloroethane	7.53	117	266272	35.06	ng	# 89
19) n-Nitroso-di-n-propylamine	7.42	70	625193	37.65	ng	# 81
20) 3+4-Methylphenols	7.41	107	778288	38.43	ng	# 73
22) Acetophenone	7.41	105	875644	35.43	ng	# 98
24) Nitrobenzene	7.58	77	784509	36.83	ng	93
25) Isophorone	7.83	82	1495511	38.13	ng	97
26) 2-Nitrophenol	7.90	139	331867	36.20	ng	# 73
27) 2,4-Dimethylphenol	7.94	122	608877	34.15	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	953084	41.09	ng	97
29) 2,4-Dichlorophenol	8.14	162	485503	35.82	ng	# 85
30) 1,2,4-Trichlorobenzene	8.23	180	563517	40.34	ng	99
31) Naphthalene	8.31	128	1788718	35.53	ng	99
32) Benzoic acid	8.06	122	514934	41.55	ng	96
33) 4-Chloroaniline	8.36	127	807803	38.82	ng	96
34) Hexachlorobutadiene	8.44	225	314628	40.31	ng	99
35) Caprolactam	8.74	113	170998	37.52	ng	91
36) 4-Chloro-3-methylphenol	8.84	107	653381	38.50	ng	99
37) 2-Methylnaphthalene	9.01	142	1242243	40.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	476802	35.82	ng	# 98
40) Hexachlorocyclopentadiene	9.16	237	156263	21.42	ng	98

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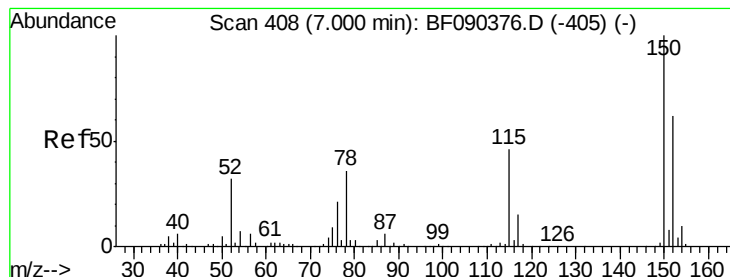
Manual Integrations
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 10/6/2016 5:28:02 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	407294	44.34	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	326139	37.55	nq	93
45) 1,1'-Biphenyl	9.48	154	1487732	39.76	nq	93
46) 2-Chloronaphthalene	9.50	162	1183209	42.80	nq	95
47) 2-Nitroaniline	9.59	65	432011	39.61	nq #	79
48) Acenaphthylene	9.91	152	1659006	36.37	nq	99
49) Dimethylphthalate	9.78	163	1371752	42.42	nq	98
50) 2,6-Dinitrotoluene	9.83	165	314236	43.77	nq #	83
51) Acenaphthene	10.09	154	1015100	35.69	nq	98
52) 3-Nitroaniline	10.01	138	365866	43.63	nq #	84
53) 2,4-Dinitrophenol	10.10	184	86001	26.87	nq #	1
54) Dibenzofuran	10.26	168	1324299	35.98	nq	92
55) 4-Nitrophenol	10.15	139	303339	41.34	nq	88
56) 2,4-Dinitrotoluene	10.23	165	378302	39.60	nq #	40
57) Fluorene	10.60	166	1130890	36.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	233023m	35.92	nq	
59) Diethylphthalate	10.47	149	1319622	39.44	nq	93
60) 4-Chlorophenyl-phenylether	10.60	204	580693	41.28	nq #	86
61) 4-Nitroaniline	10.61	138	311599	36.88	nq	93
62) Azobenzene	10.76	77	1558509	40.33	nq	88
64) 4,6-Dinitro-2-methylphenol	10.65	198	147522	30.17	nq #	54
65) n-Nitrosodiphenylamine	10.71	169	1081581	41.20	nq	97
66) 4-Bromophenyl-phenylether	11.09	248	331910	43.22	nq #	87
67) Hexachlorobenzene	11.16	284	349369	40.85	nq #	88
68) Atrazine	11.24	200	299167	46.22	nq	98
69) Pentachlorophenol	11.34	266	192910	37.90	nq	98
70) Phenanthrene	11.57	178	1613359	40.22	nq	98
71) Anthracene	11.62	178	1463385	35.72	nq	98
72) Carbazole	11.78	167	1503031	39.49	nq	96
73) Di-n-butylphthalate	12.11	149	2020188	43.62	nq #	97
74) Fluoranthene	12.76	202	1343161	34.14	nq	98
76) Benzidine	12.87	184	571492	40.65	nq	98
77) Pyrene	12.99	202	1309244	36.72	nq	99
79) Butylbenzylphthalate	13.61	149	683764	37.38	nq #	69
80) Benzo(a)anthracene	14.18	228	1200913	40.03	nq	98
81) 3,3'-Dichlorobenzidine	14.14	252	450152	41.39	nq #	97
82) Chrysene	14.22	228	1182604	42.83	nq	98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1019913	39.22	nq #	97
84) Di-n-octyl phthalate	14.80	149	1683984	43.68	nq #	92
85) Indeno(1,2,3-cd)pyrene	17.22	276	1080173	54.87	nq #	94
87) Benzo(b)fluoranthene	15.25	252	1224739	41.30	nq #	94
88) Benzo(k)fluoranthene	15.29	252	862556m	30.96	nq	
89) Benzo(a)pyrene	15.63	252	987470	38.63	nq #	94
90) Dibenzo(a,h)anthracene	17.24	278	906022	41.66	nq #	94
91) Benzo(g,h,i)perylene	17.69	276	844679	40.47	nq	99

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



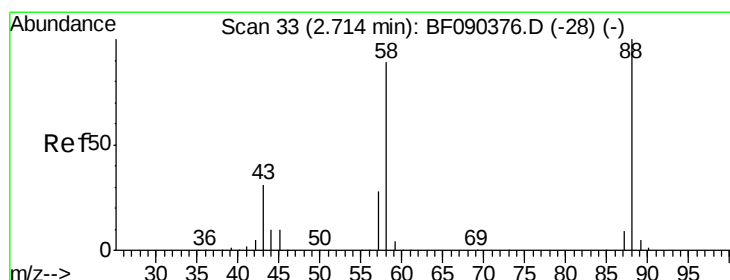
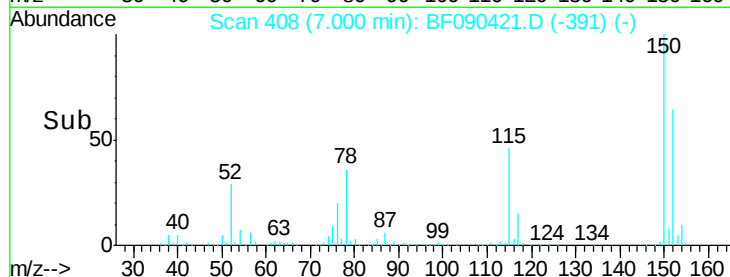
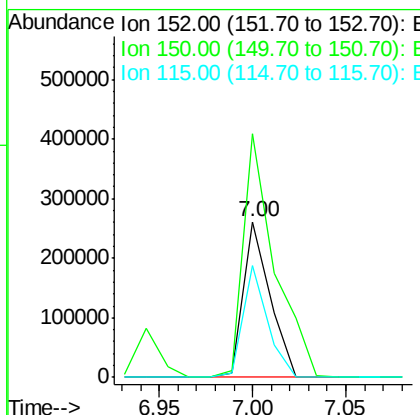
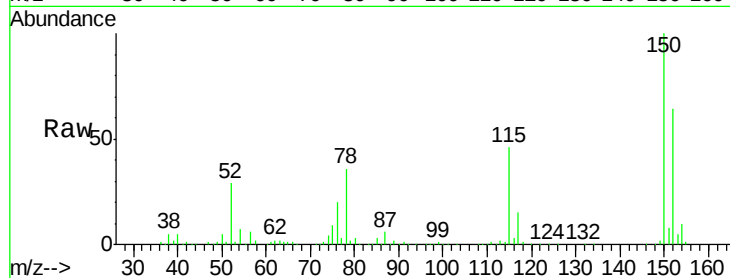
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	71.9	46.2	69.4

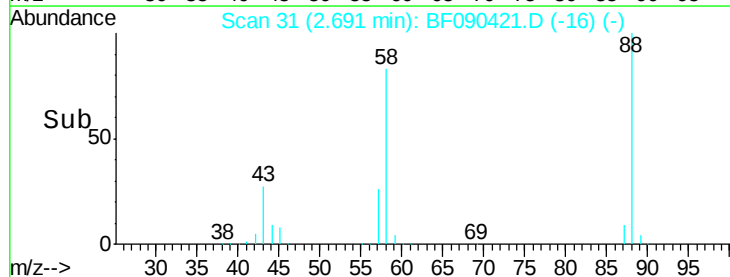
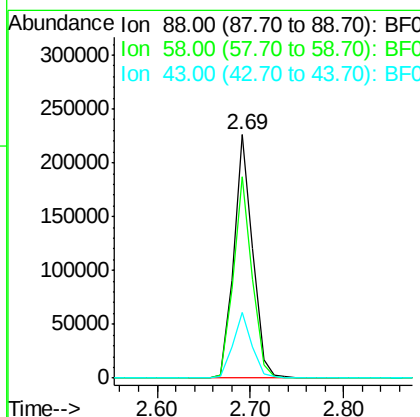
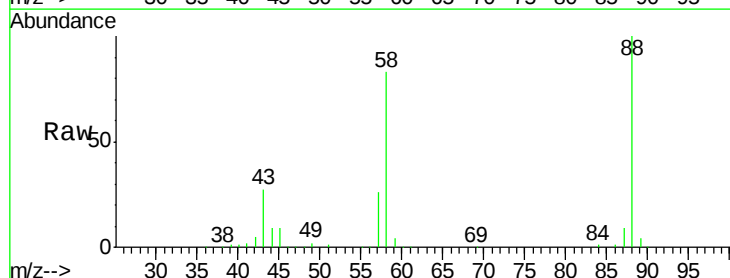
Manual Integrations
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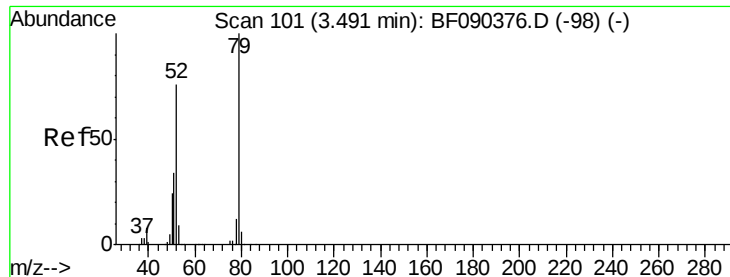
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#2
 1,4-Dioxane
 Concen: 36.96 ng
 RT: 2.69 min Scan# 31
 Delta R.T. -0.02 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	71.2	106.8
43	28.0	29.8	44.6





#3

Pvridine

Concen: 37.98 ng

RT: 3.47 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

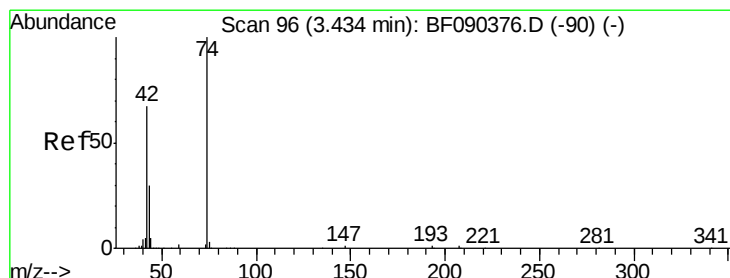
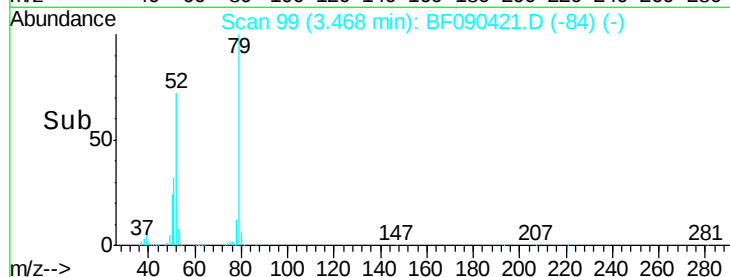
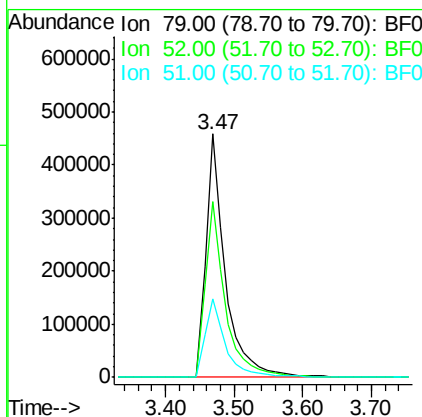
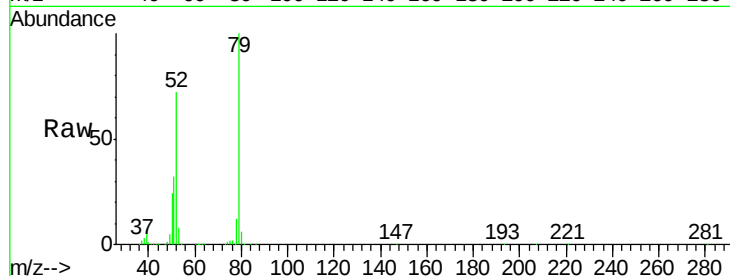
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	902613
Ion Ratio	Lower	Upper	
79	100		
52	72.1	71.3	106.9
51	32.5	34.5	51.7#

Manual Integrations
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10/6/2016 5:28:02 PM



#4

n-Nitrosodimethylamine

Concen: 35.16 ng

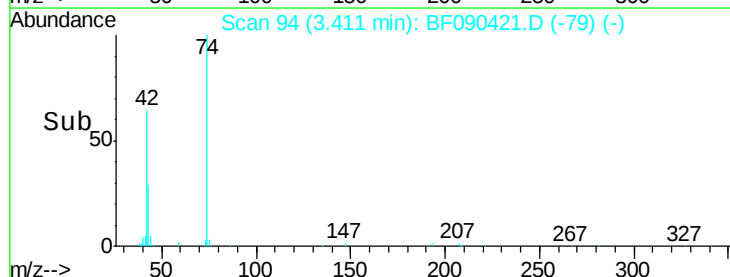
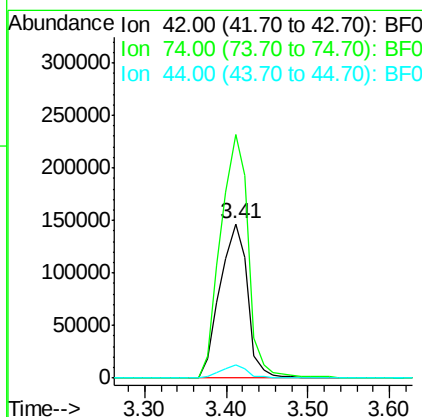
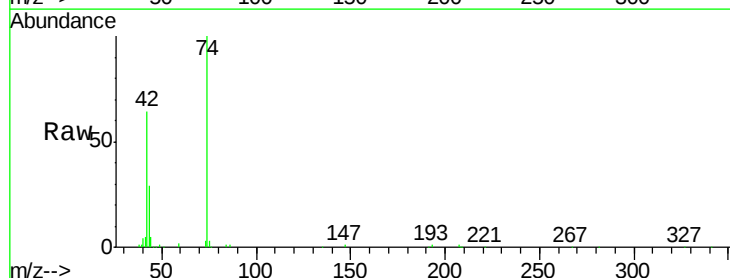
RT: 3.41 min Scan# 94

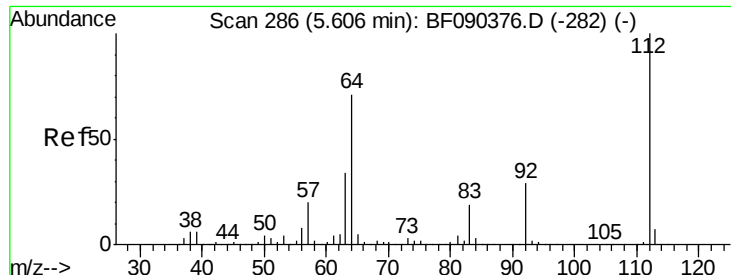
Delta R.T. -0.02 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Tgt Ion:	42	Resp:	344736
Ion Ratio	Lower	Upper	
42	100		
74	157.5	88.9	133.3#
44	8.4	6.5	9.7





#5

2-Fluorophenol

Concen: 76.30 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:112 Resp: 1319106

Ion Ratio Lower Upper

112 100

64 67.0 57.9 86.9

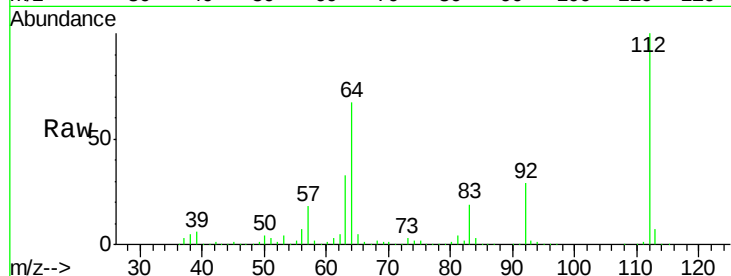
63 32.6 29.6 44.4

Manual Integrations

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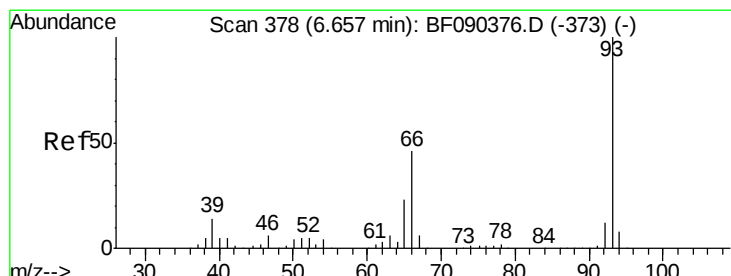
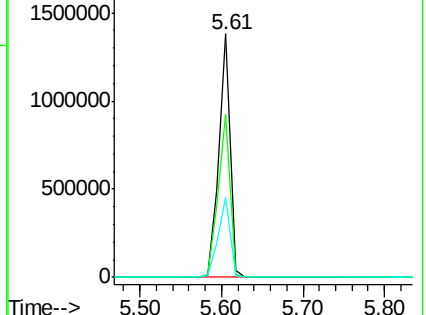
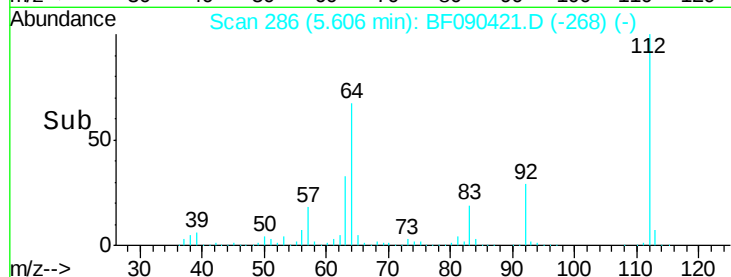
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.10 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

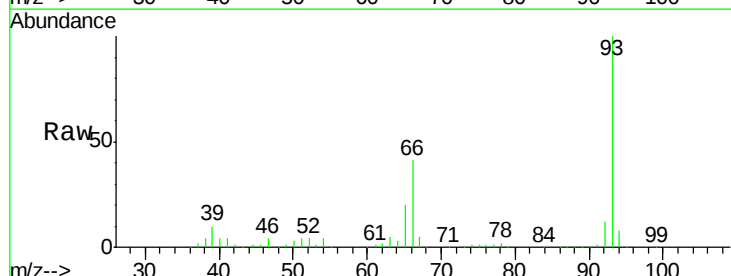
Tgt Ion: 93 Resp: 1160456

Ion Ratio Lower Upper

93 100

66 40.5 34.5 51.7

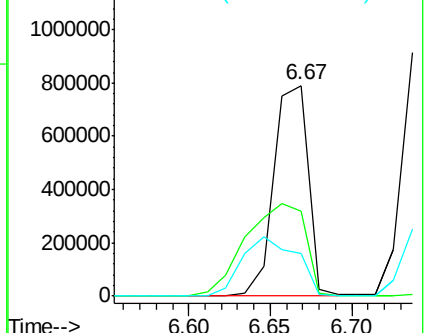
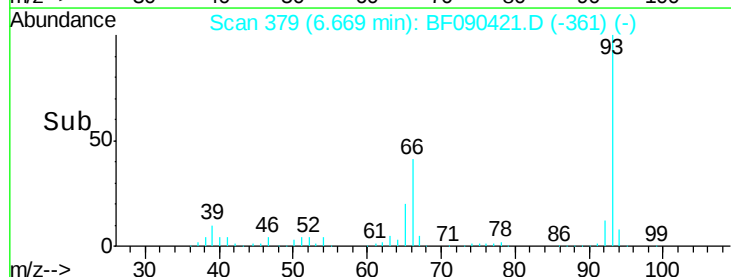
65 20.1 18.2 27.2

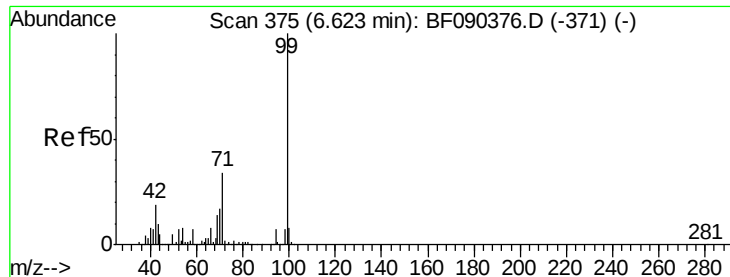


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.52 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1709954

Ion Ratio Lower Upper

99 100

42 18.4 20.0 30.0#

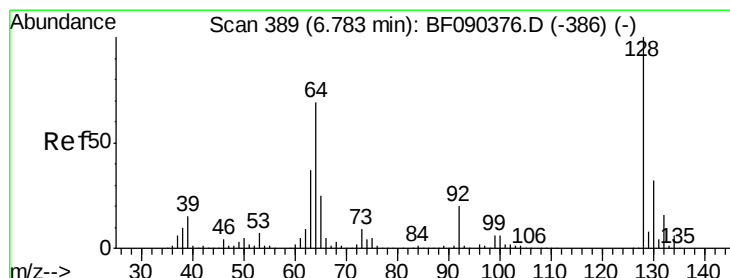
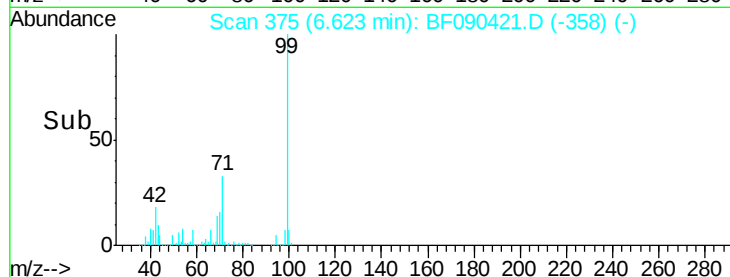
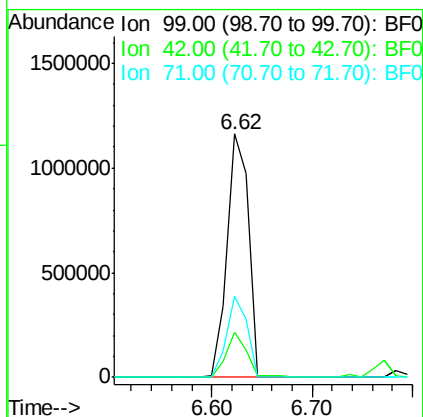
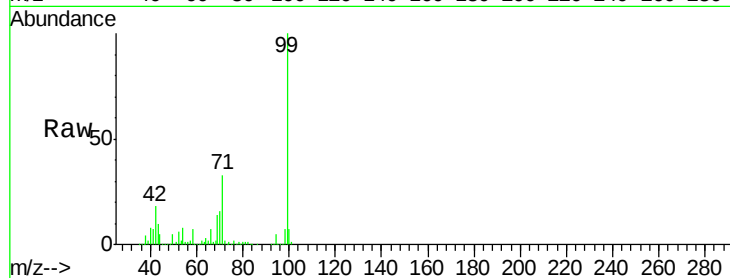
71 33.5 27.9 41.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 35.95 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

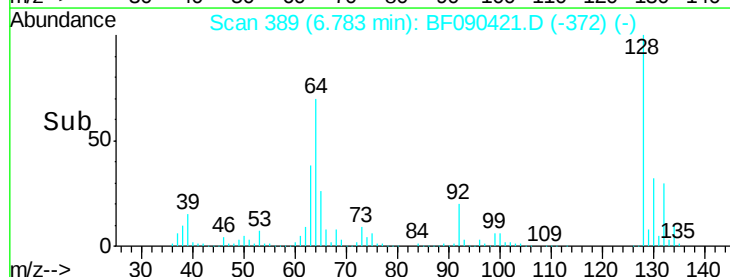
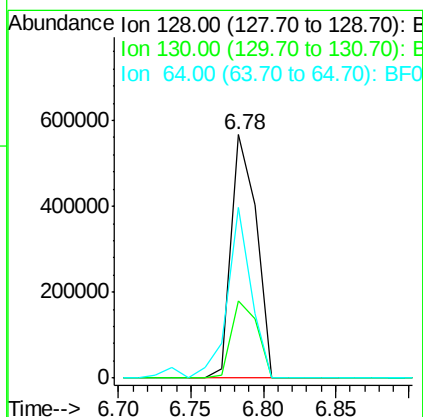
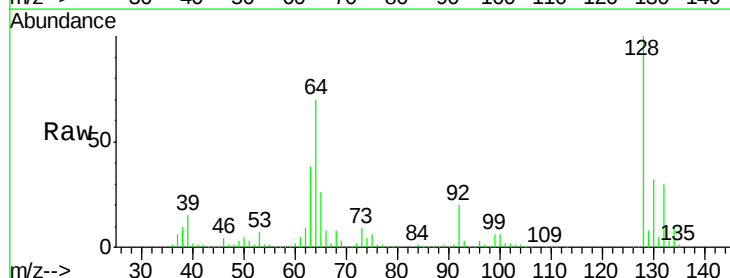
Tgt Ion: 128 Resp: 683960

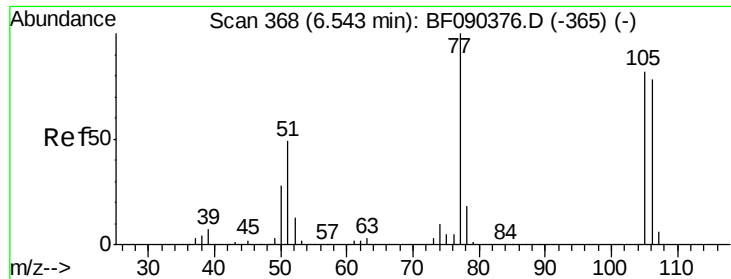
Ion Ratio Lower Upper

128 100

130 31.5 13.3 53.3

64 70.2 36.0 76.0





#9

Benzaldehyde

Concen: 40.52 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

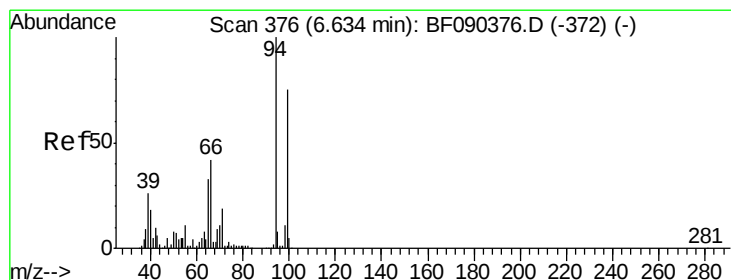
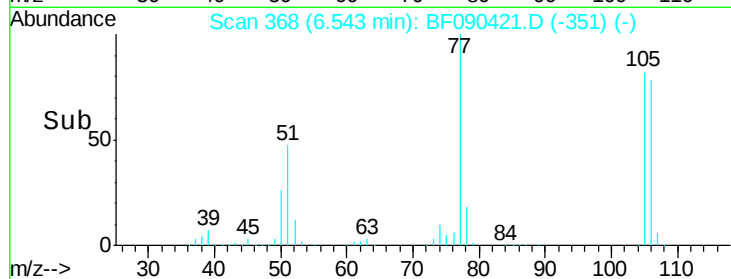
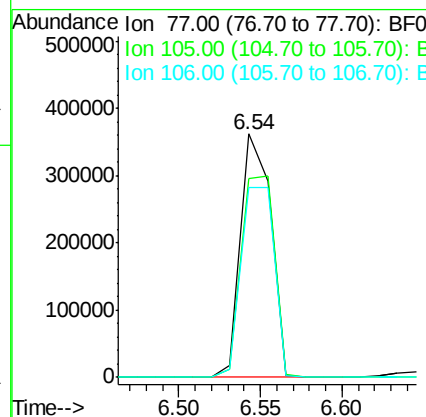
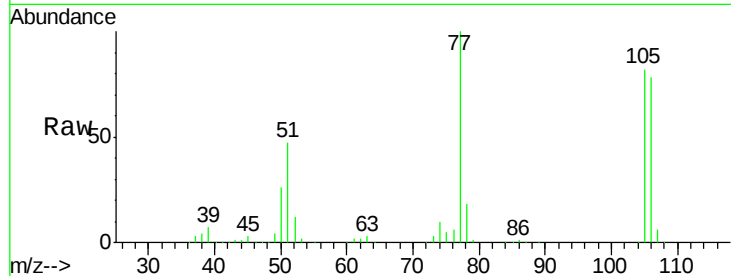
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	463819
Ion	Ratio	Lower	Upper
77	100		
105	81.9	73.1	113.1
106	77.9	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 38.53 ng

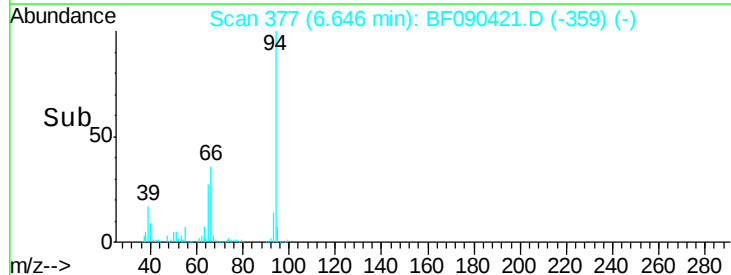
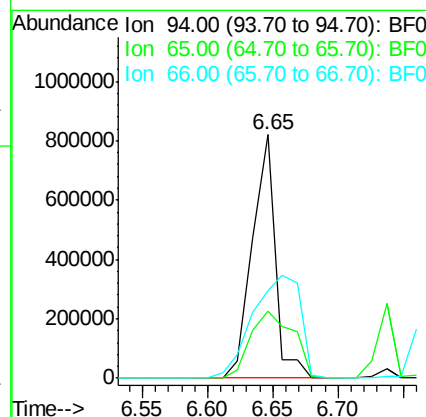
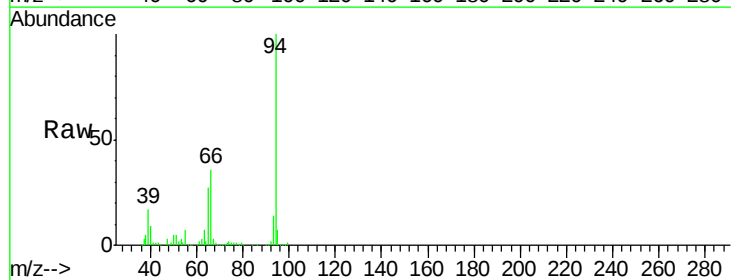
RT: 6.65 min Scan# 377

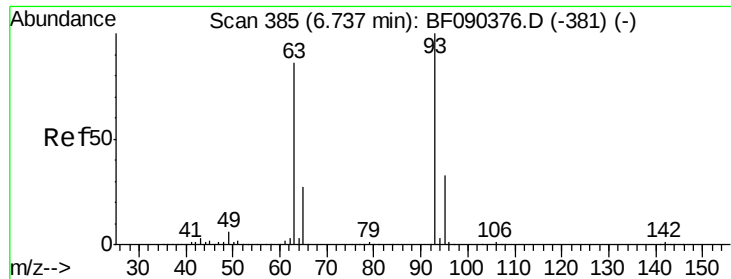
Delta R.T. 0.01 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Tgt Ion:	94	Resp:	1014411
Ion	Ratio	Lower	Upper
94	100		
65	27.3	13.3	53.3
66	35.9	20.4	60.4





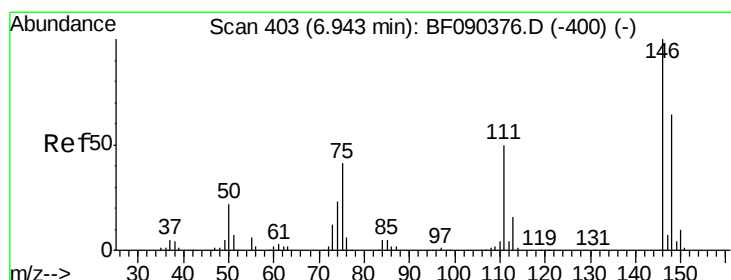
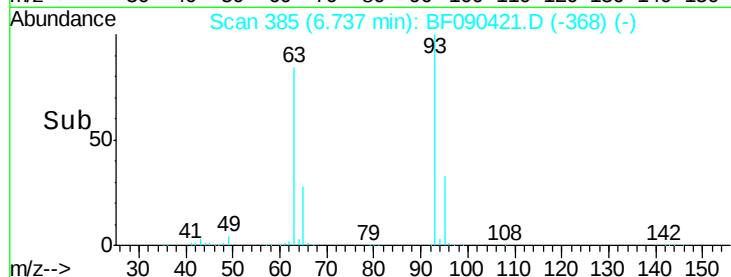
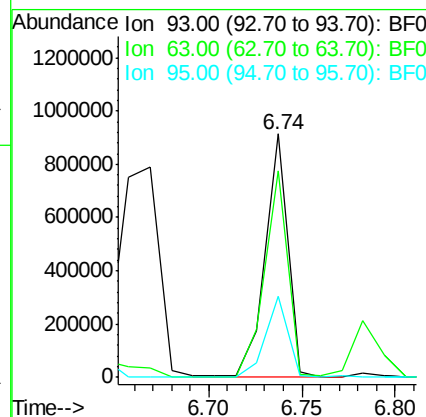
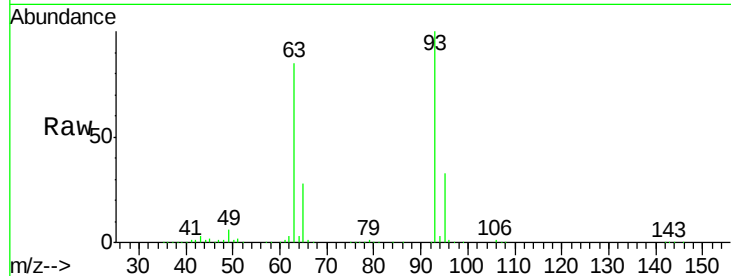
#11
bis(2-Chloroethyl)ether
Concen: 37.81 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.0	59.7	99.7
95	33.2	14.0	54.0

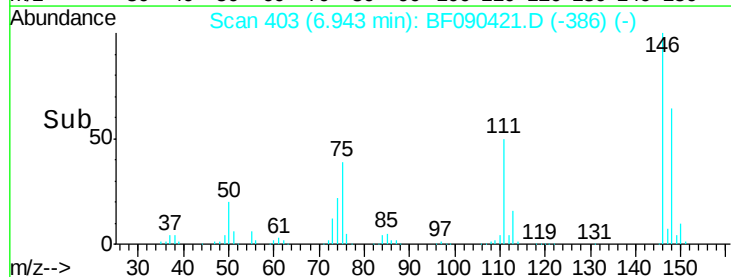
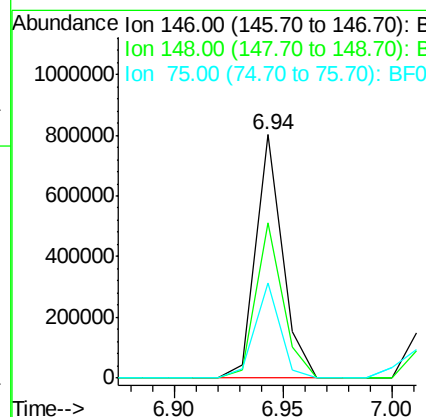
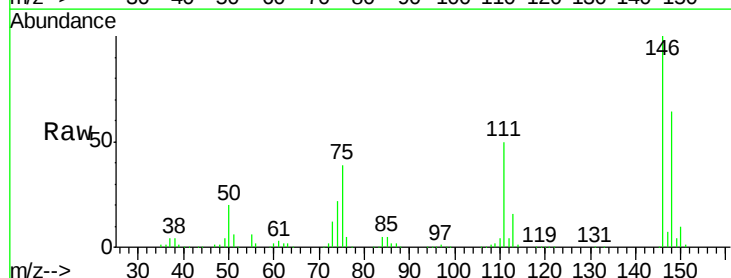
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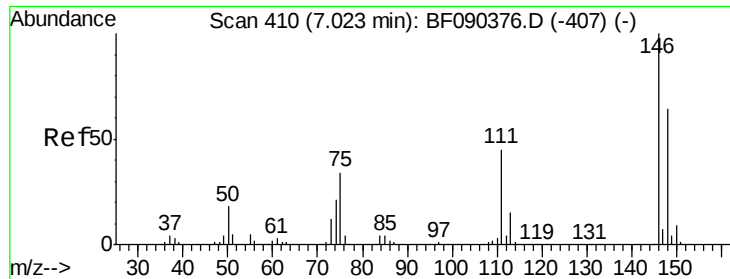
SOHIL
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#12
1,3-Dichlorobenzene
Concen: 36.01 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.4
75	38.9	21.4	32.2





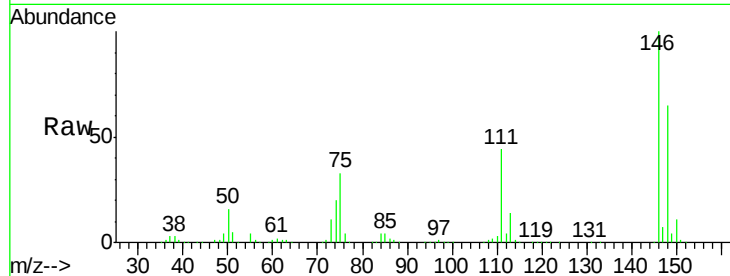
#13
1,4-Dichlorobenzene
Concen: 39.41 ng
RT: 7.02 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

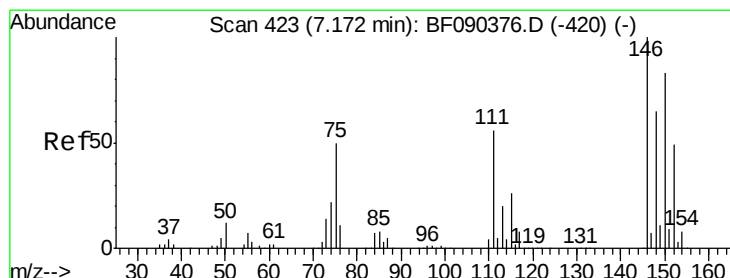
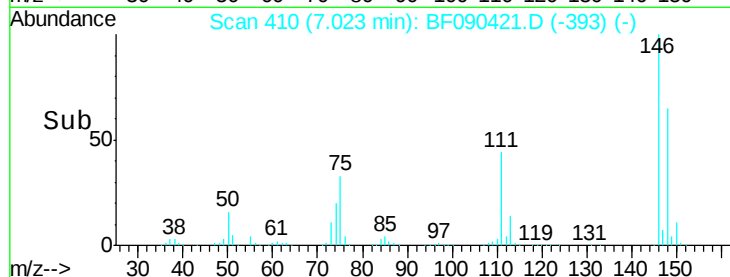
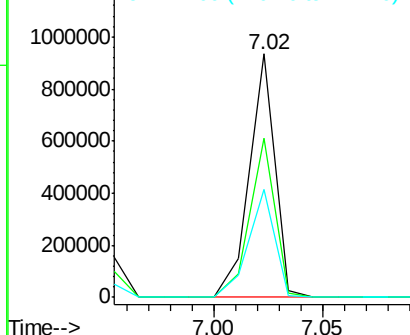
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	44.2	37.8	56.6

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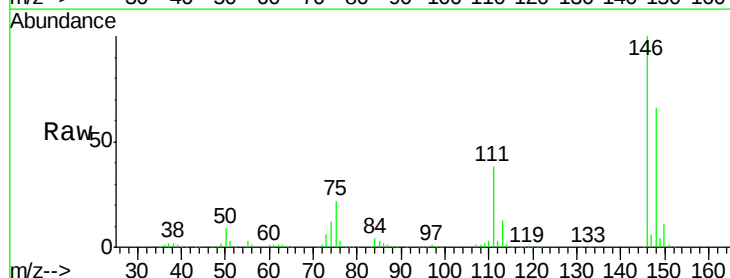


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

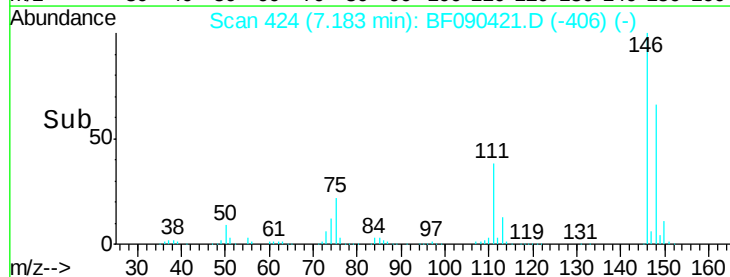
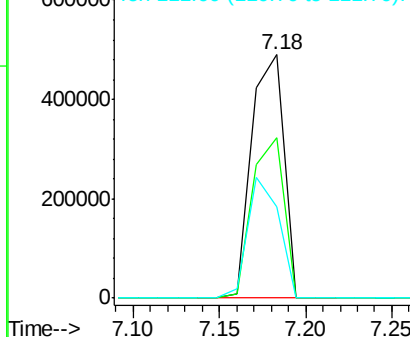


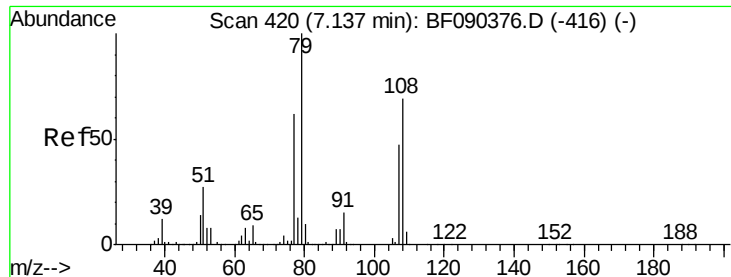
#14
1,2-Dichlorobenzene
Concen: 34.17 ng m
RT: 7.18 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.3	78.5
111	37.7	38.2	57.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.69 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

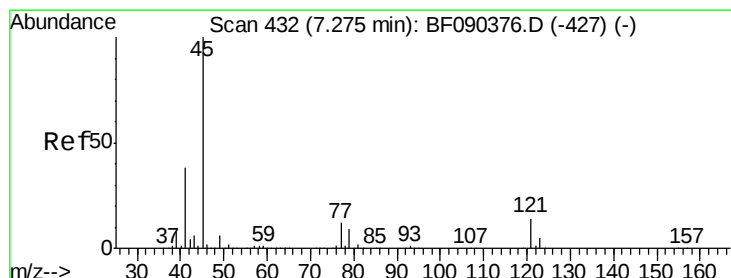
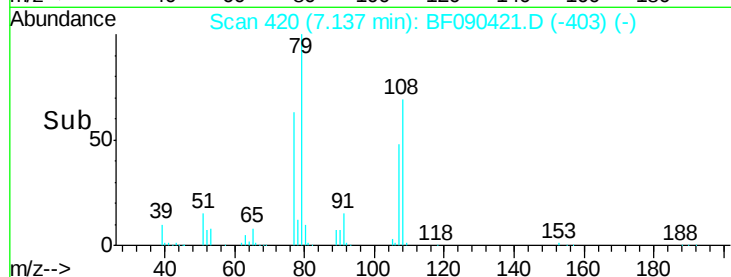
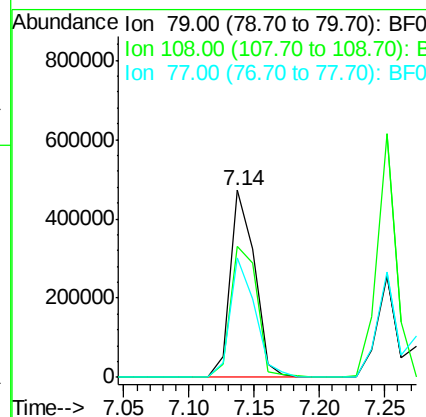
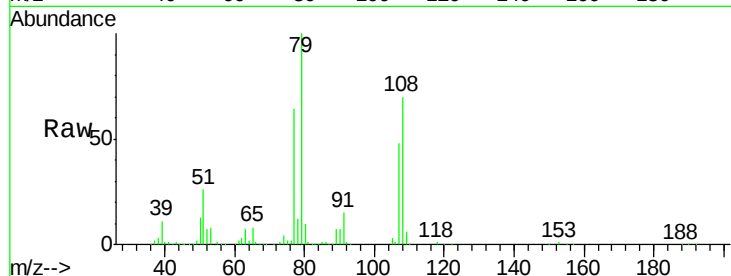
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	614407
Ion Ratio	Lower	Upper	
79	100		
108	70.1	60.9	91.3
77	63.7	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.44 ng

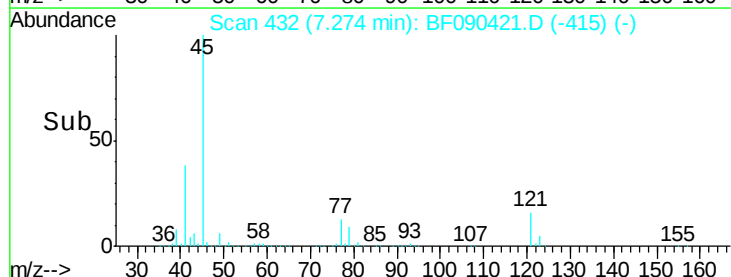
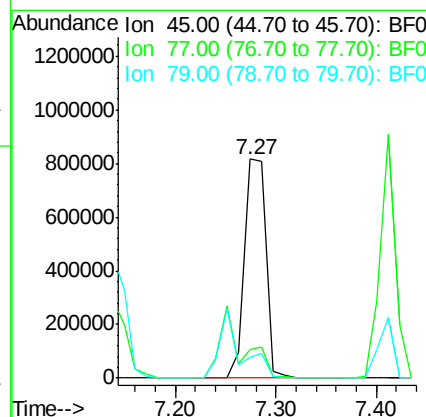
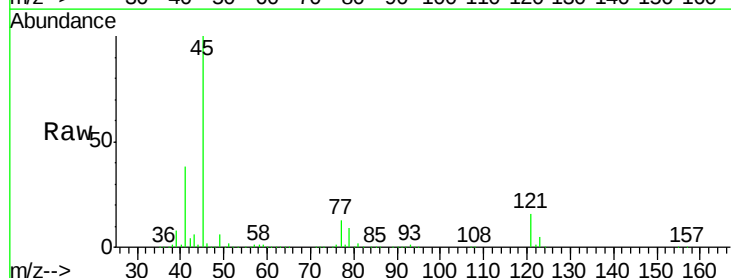
RT: 7.27 min Scan# 432

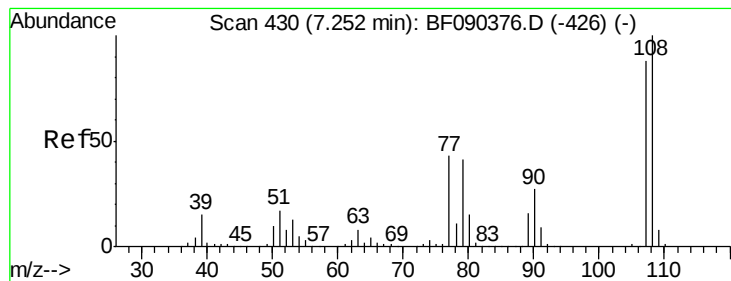
Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Tgt Ion:	45	Resp:	1211377
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	30.8
79	9.5	0.0	28.2





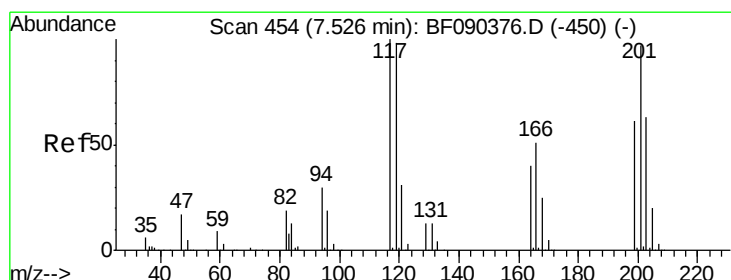
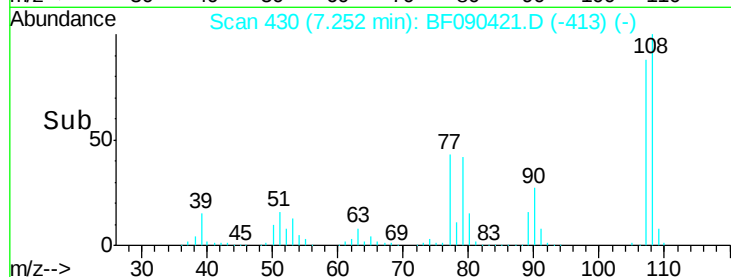
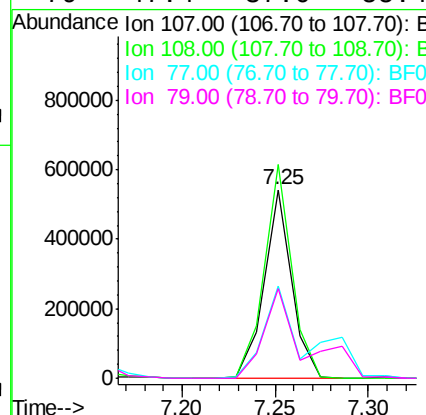
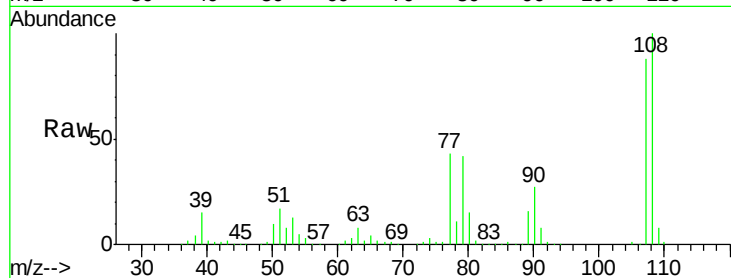
#17
2-Methylphenol
Concen: 35.04 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	90.9	136.3	
77	49.2	38.2	57.4	
79	47.4	37.0	55.4	

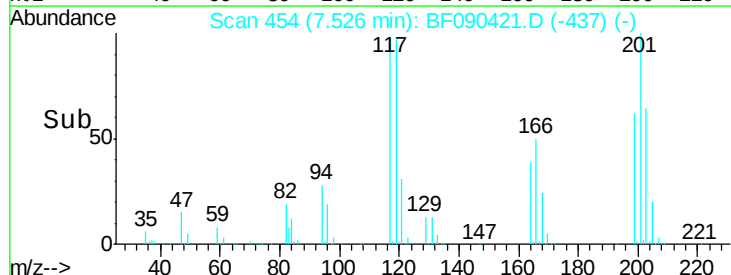
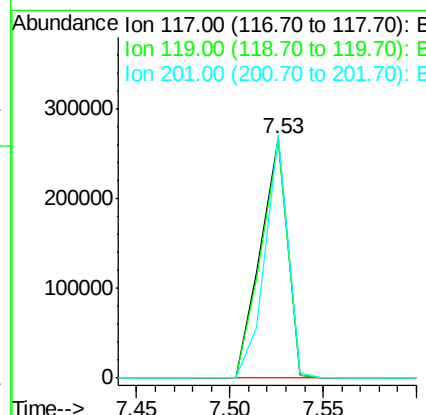
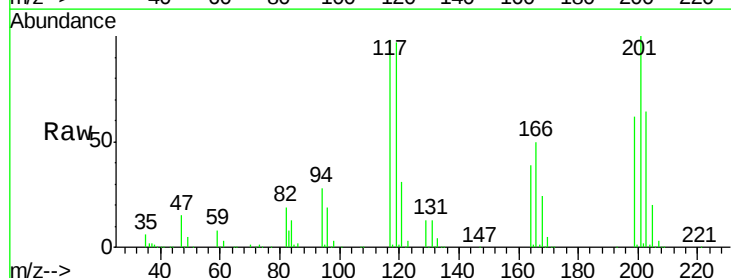
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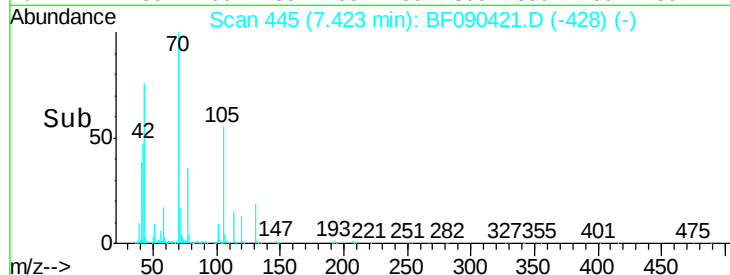
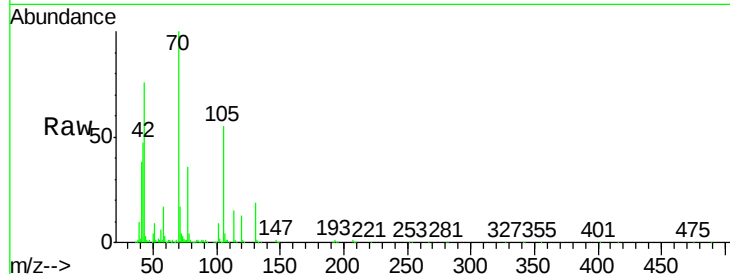
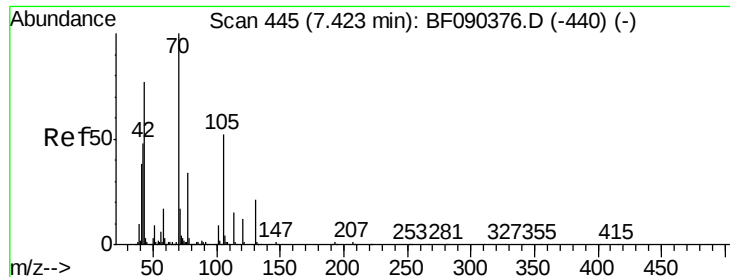
SOHIL
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#18
Hexachloroethane
Concen: 35.06 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	75.9	113.9	
201	101.6	66.5	99.7#	





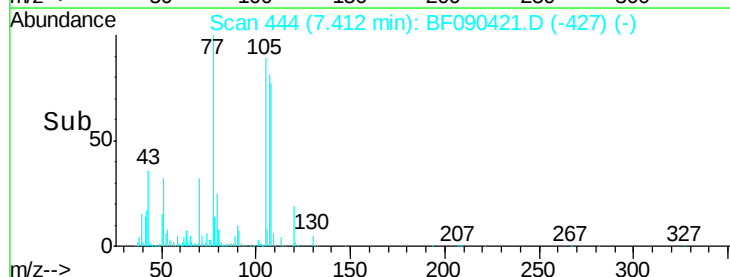
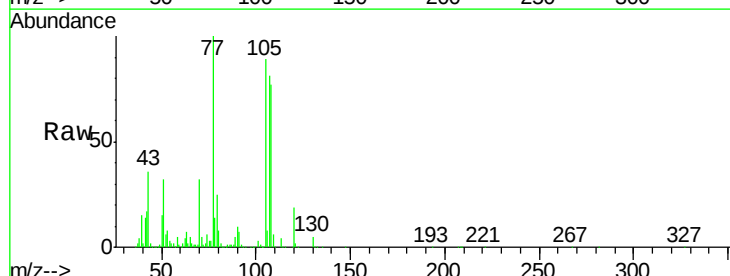
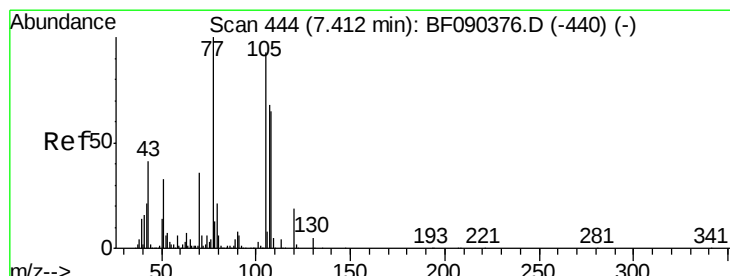
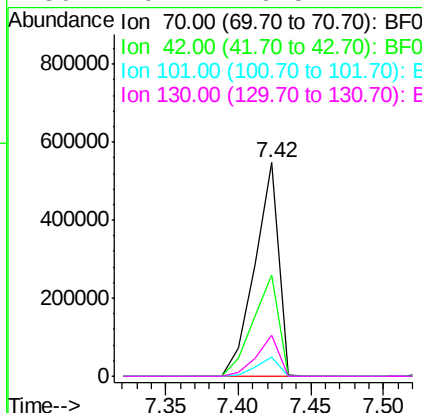
#19
n-Nitroso-di-n-propylamine
Concen: 37.65 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.2	55.4	83.2#	
101	9.1	7.6	11.4	
130	19.4	16.5	24.7	

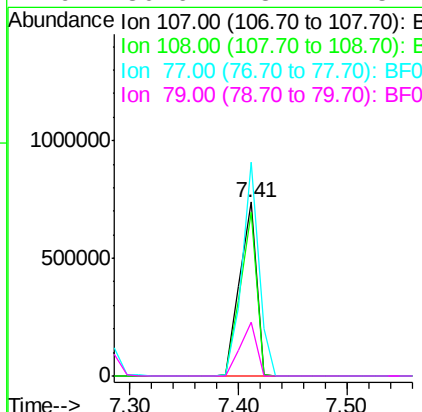
Manual Integrations
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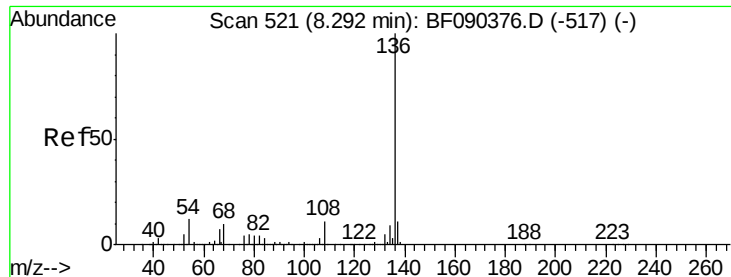
SOHIL
10/6/2016 5:28:02 PM



#20
3+4-Methylphenols
Concen: 38.43 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.5	66.7	106.7	
77	122.8	53.7	93.7#	
79	30.6	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: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 1043555

Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

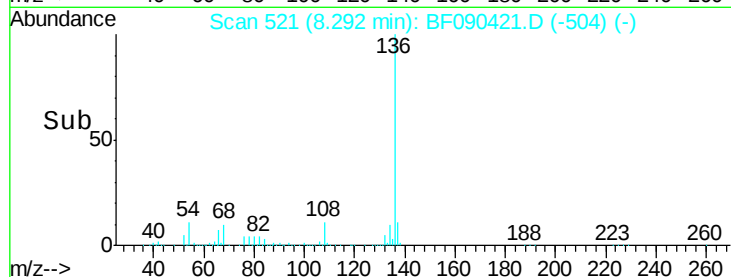
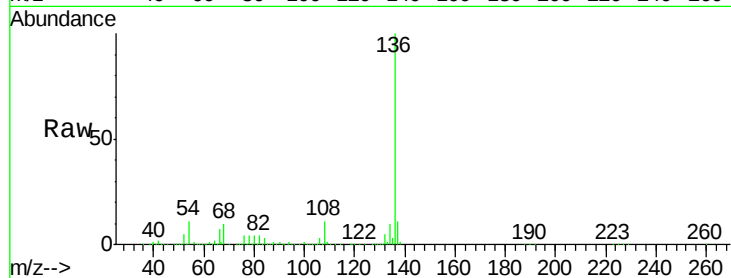
54 11.3 6.6 10.0#

68 9.7 5.0 7.6#

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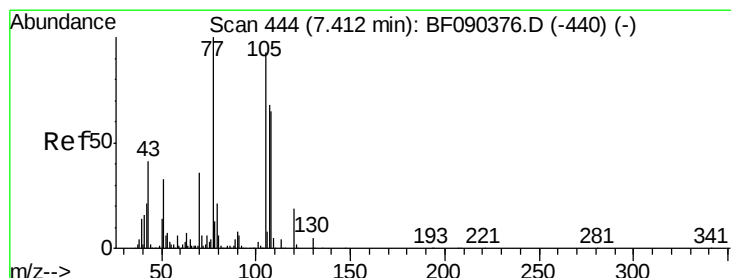
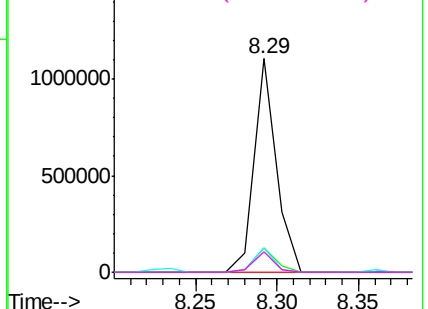


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.43 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Tgt Ion:105 Resp: 875644

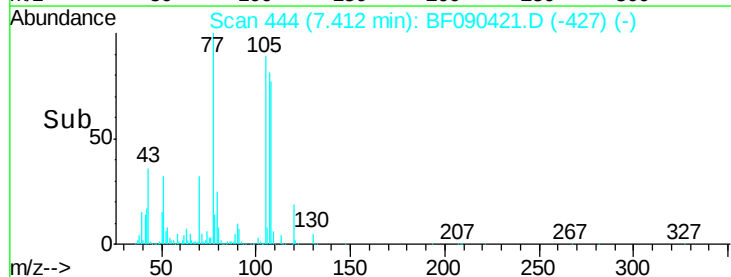
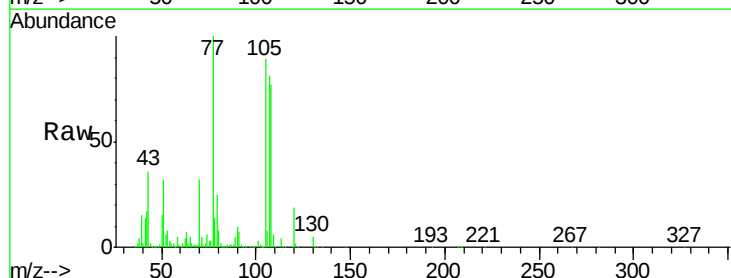
Ion Ratio Lower Upper

105 100

71 6.1 3.8 5.6#

51 36.2 28.2 42.4

120 20.8 17.4 26.2

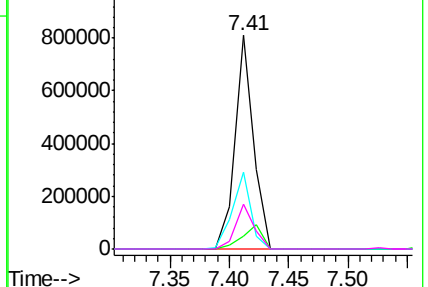


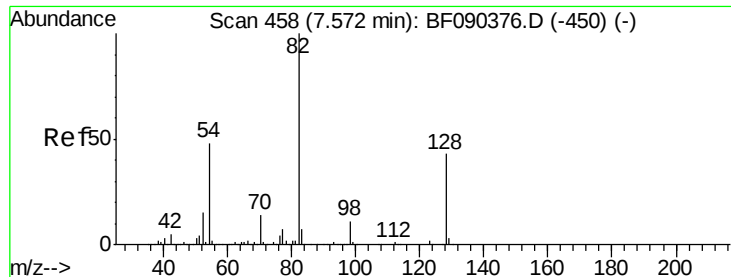
Abundance Ion 105.00 (104.70 to 105.70): E

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





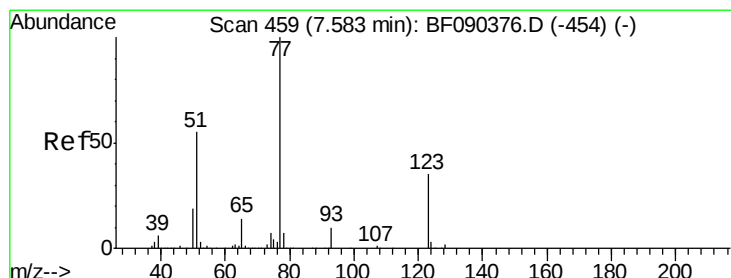
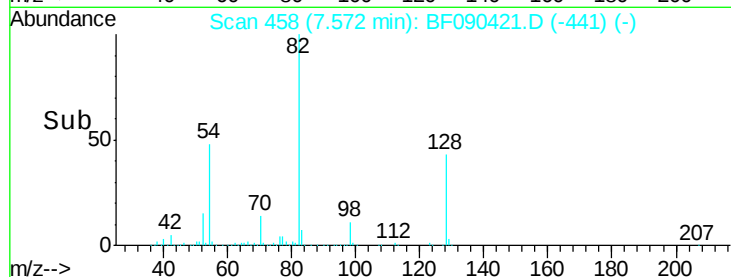
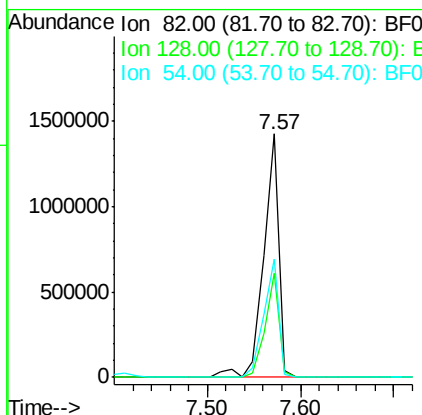
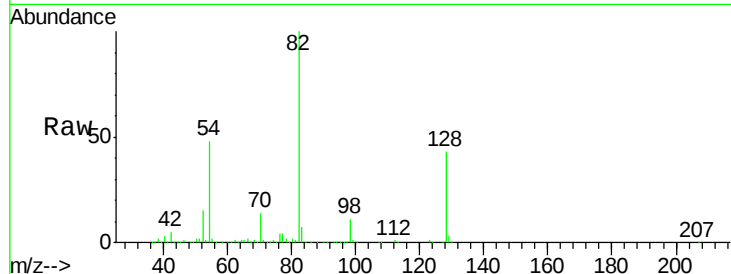
#23
 Nitrobenzene-d5
 Concen: 75.69 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	Resp	1623854
Ion Ratio	100	Lower	Upper
82	100		
128	42.8	40.0	60.0
54	48.3	42.6	64.0

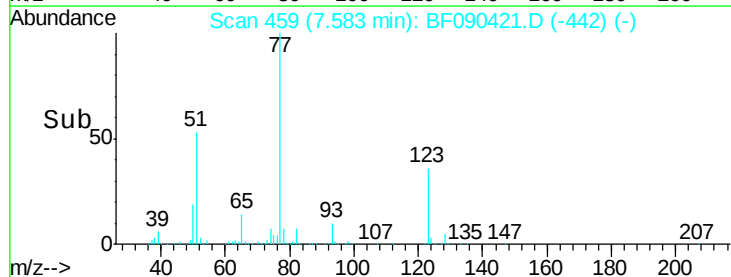
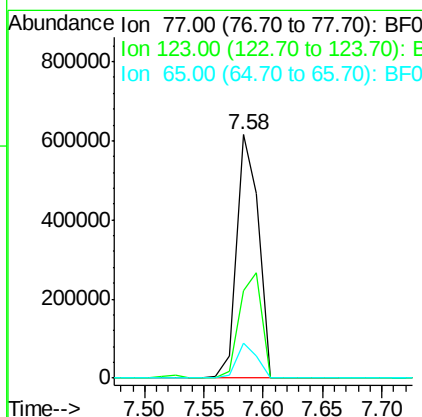
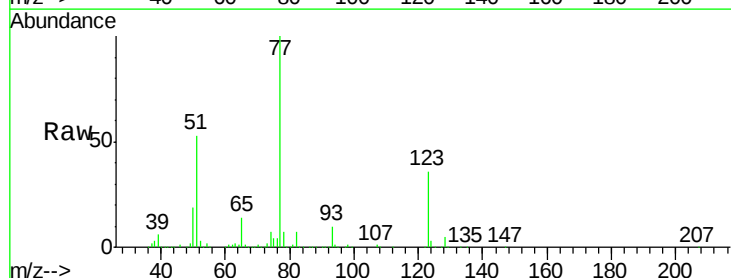
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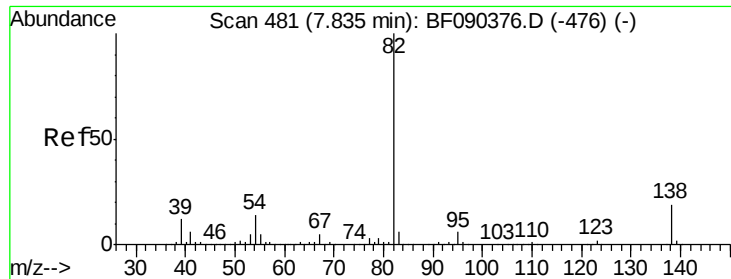
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#24
 Nitrobenzene
 Concen: 36.83 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion	77	Resp	784509
Ion Ratio	100	Lower	Upper
77	100		
123	35.8	33.0	49.4
65	14.2	12.0	18.0





#25

Isophorone

Concen: 38.13 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

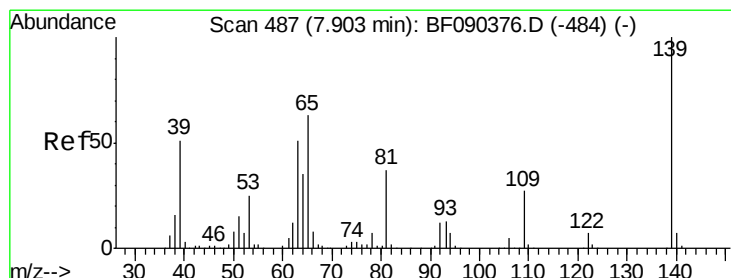
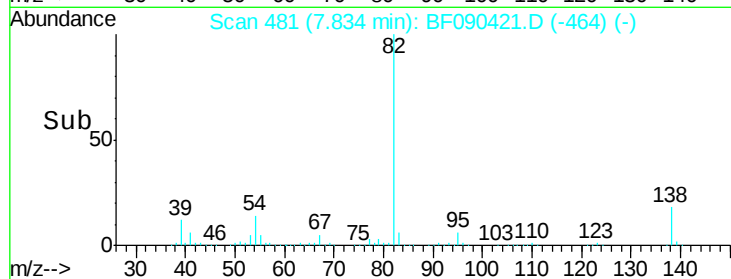
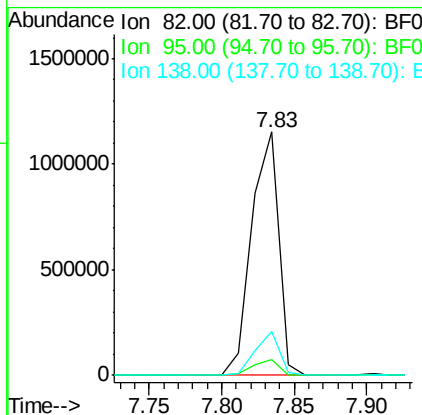
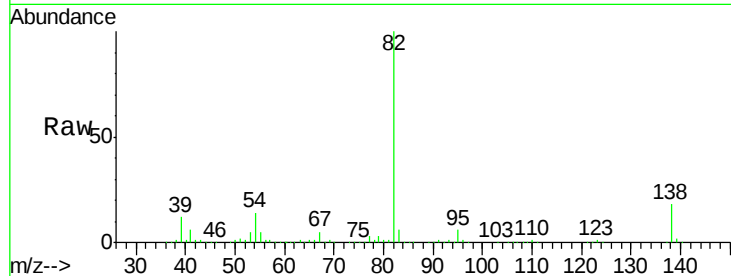
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	1495511
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.2	7.8
138	18.2	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.20 ng

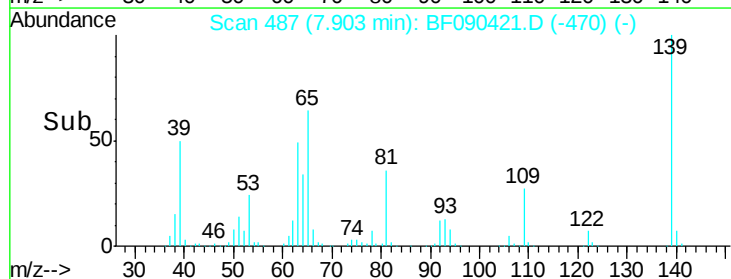
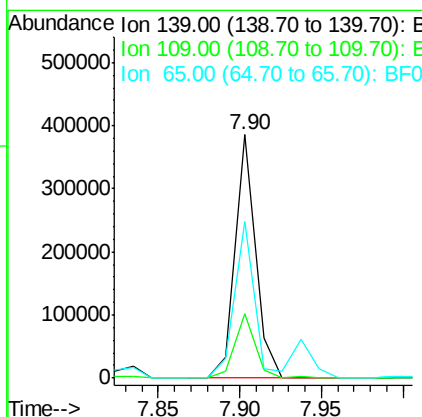
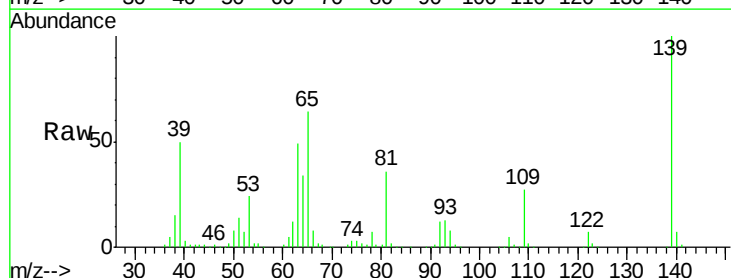
RT: 7.90 min Scan# 487

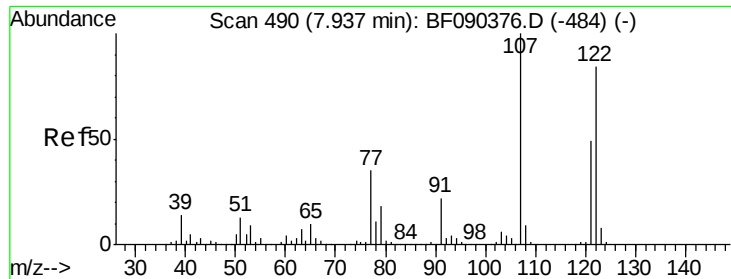
Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Tgt Ion:	139	Resp:	331867
Ion	Ratio	Lower	Upper
139	100		
109	26.7	18.9	28.3
65	64.1	31.6	47.4





#27

2,4-Dimethylphenol

Concen: 34.15 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

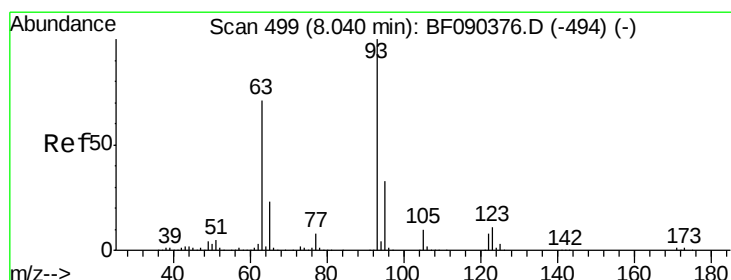
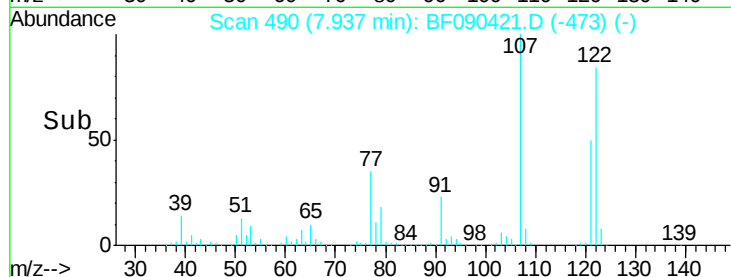
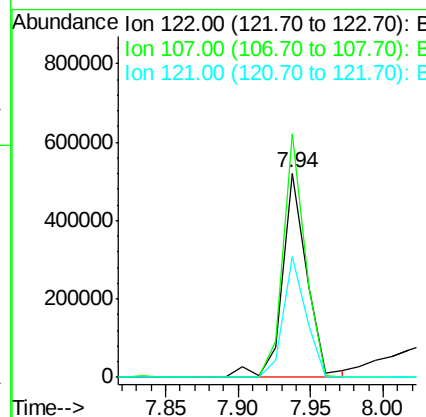
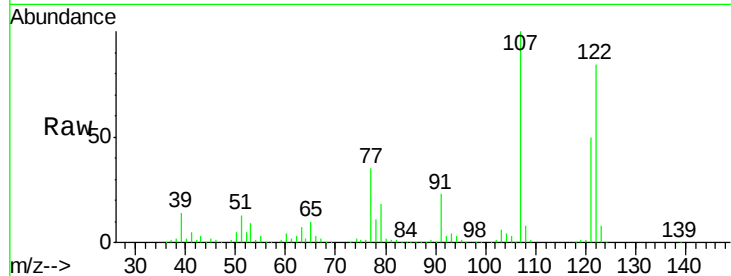
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	608877		
107	119.2	88.6	132.8	
121	59.3	47.5	71.3	

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#28

bis(2-Chloroethoxy)methane

Concen: 41.09 ng

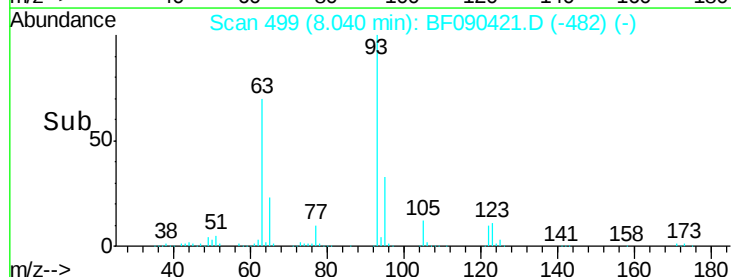
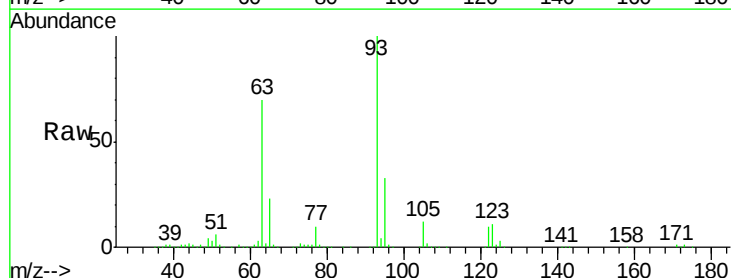
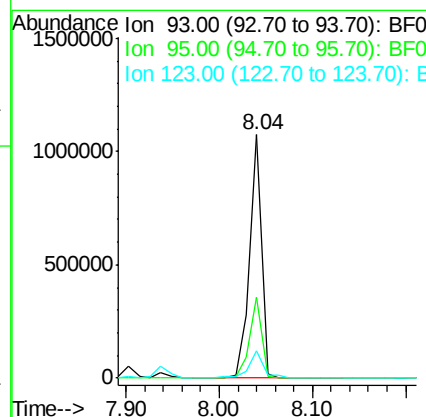
RT: 8.04 min Scan# 499

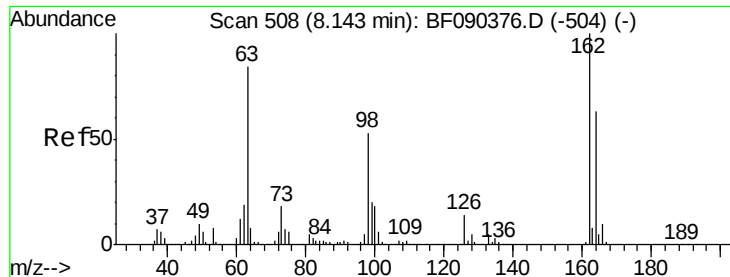
Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	953084		
95	33.2	27.0	40.4	
123	11.3	11.1	16.7	





#29

2,4-Dichlorophenol

Concen: 35.82 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:162 Resp: 485503

Ion Ratio Lower Upper

162 100

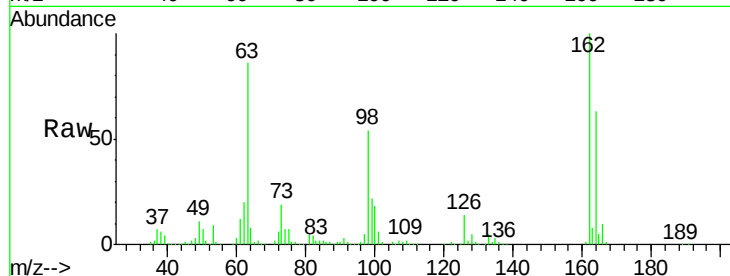
164 62.7 45.7 85.7

98 54.1 13.3 53.3#

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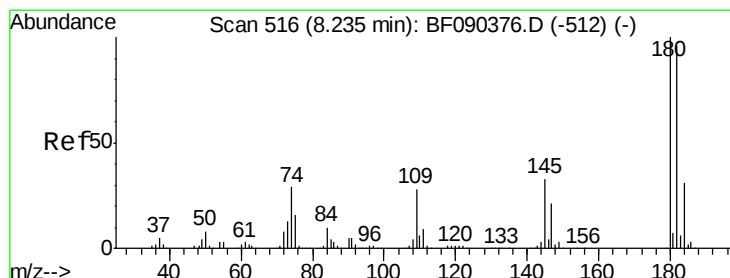
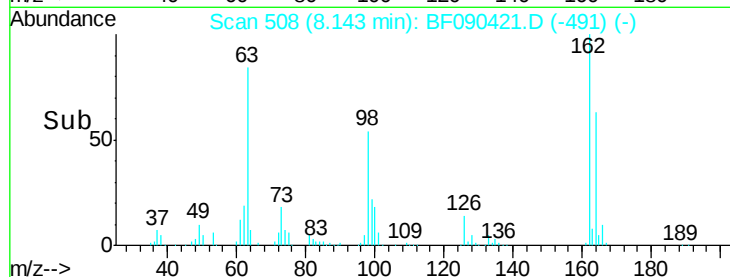
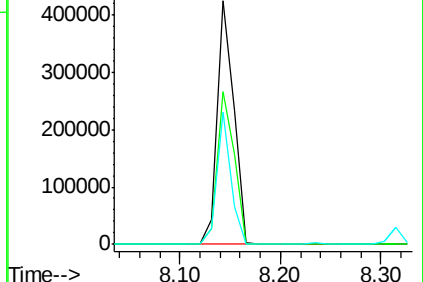
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.34 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

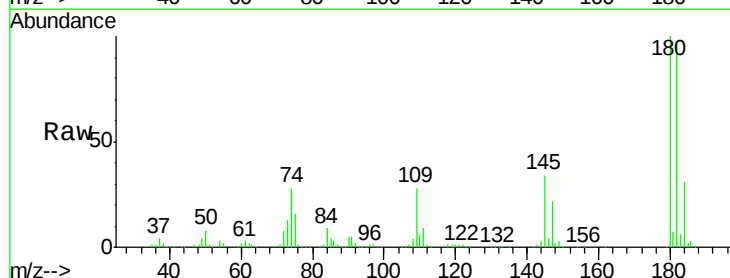
Tgt Ion:180 Resp: 563517

Ion Ratio Lower Upper

180 100

182 95.6 75.3 112.9

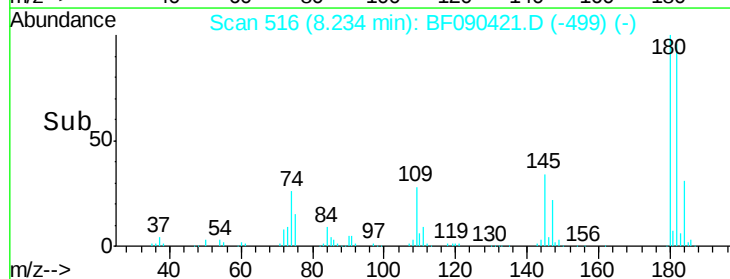
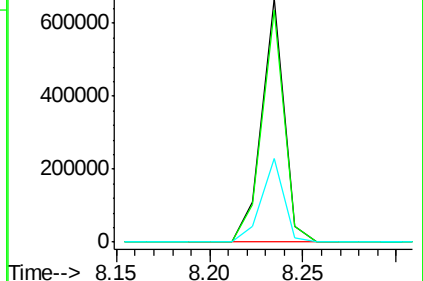
145 34.3 27.7 41.5

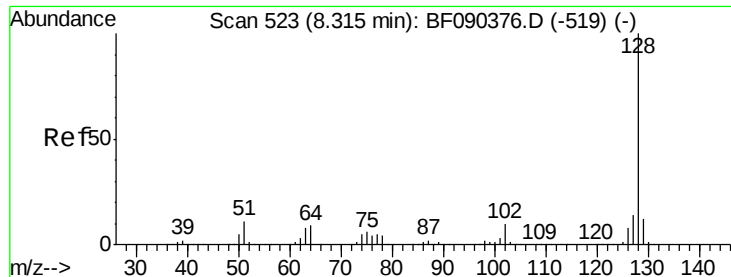


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





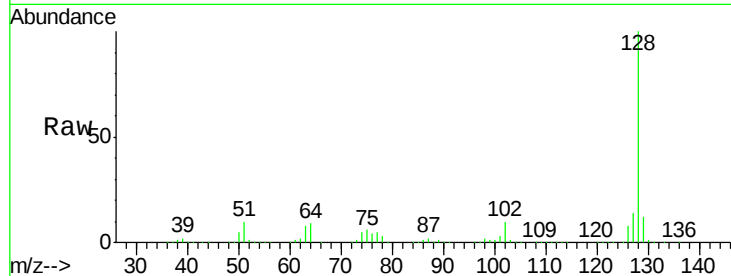
#31
Naphthalene
Concen: 35.53 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

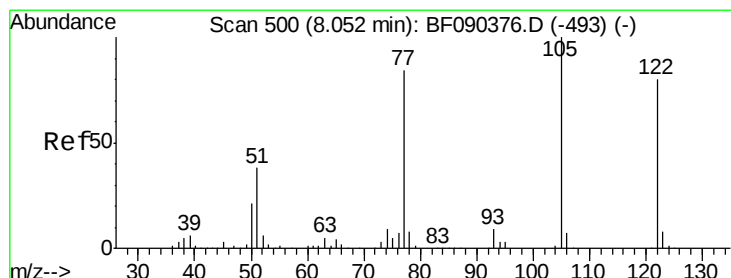
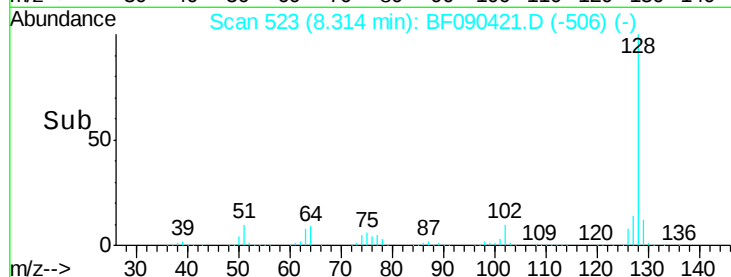
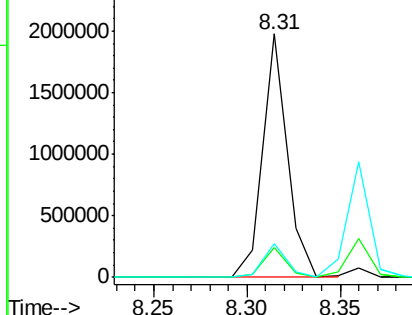
Tot Ion:128 Resp: 1788718
Ion Ratio Lower Upper
128 100
129 12.1 9.7 14.5
127 13.9 11.7 17.5

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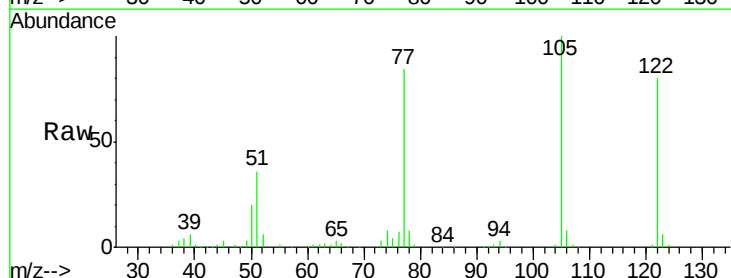


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

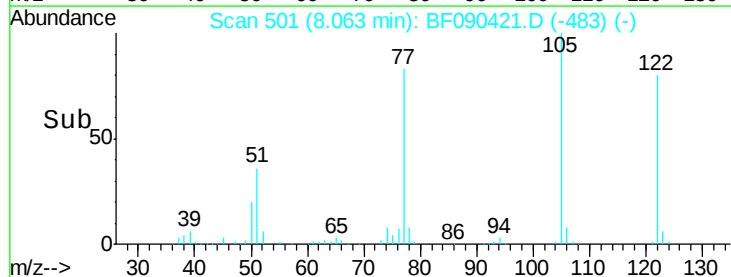
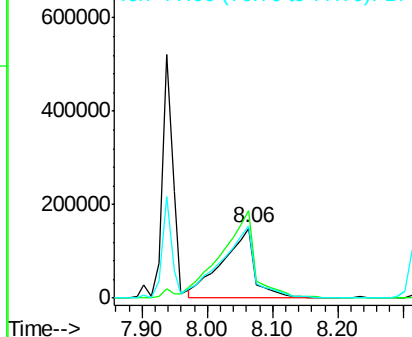


#32
Benzoic acid
Concen: 41.55 ng
RT: 8.06 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:122 Resp: 514934
Ion Ratio Lower Upper
122 100
105 124.3 103.9 143.9
77 104.0 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





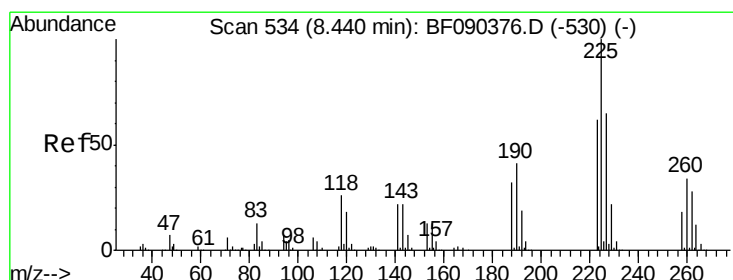
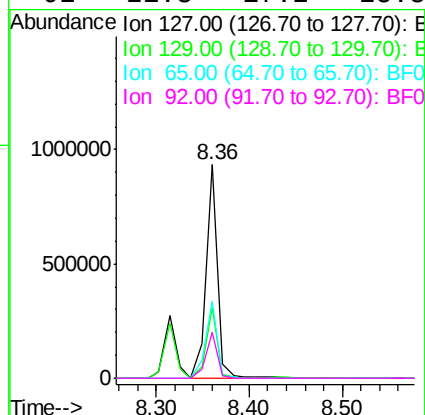
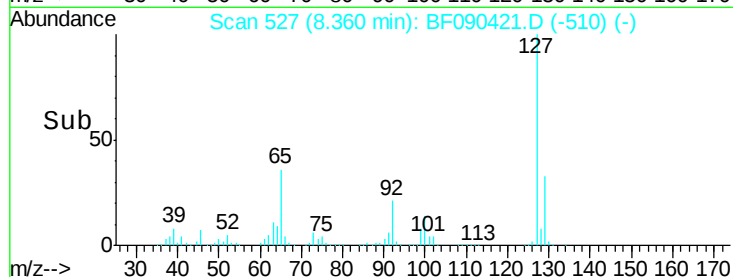
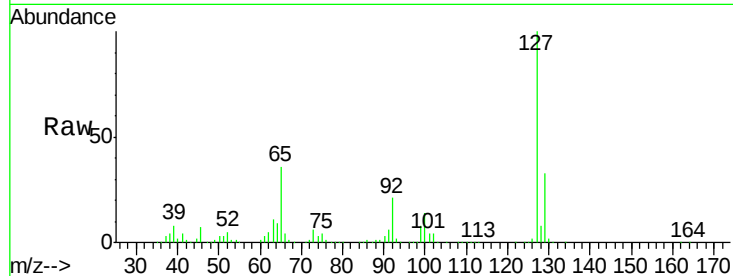
#33
4-Chloroaniline
Concen: 38.82 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.4		
65	35.7	32.5	48.7		
92	21.3	17.2	25.8		

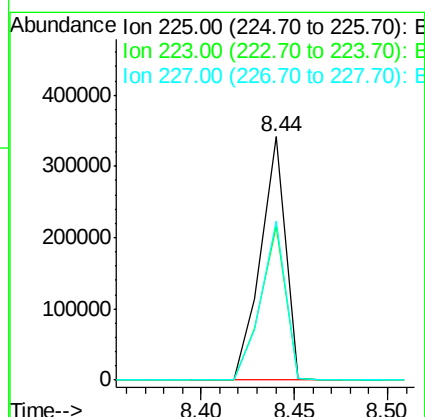
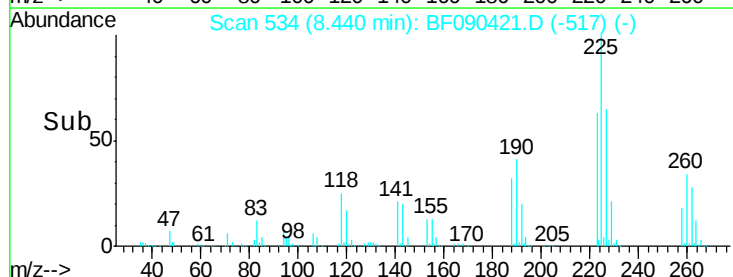
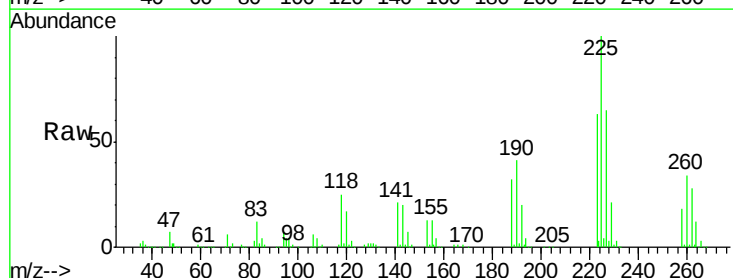
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#34
Hexachlorobutadiene
Concen: 40.31 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.0	76.4		
227	65.2	50.8	76.2		





#35

Caprolactam

Concen: 37.52 ng

RT: 8.74 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

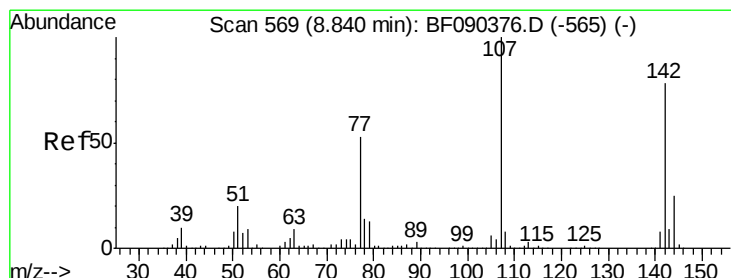
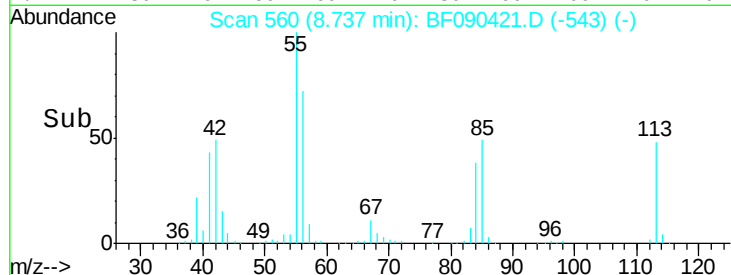
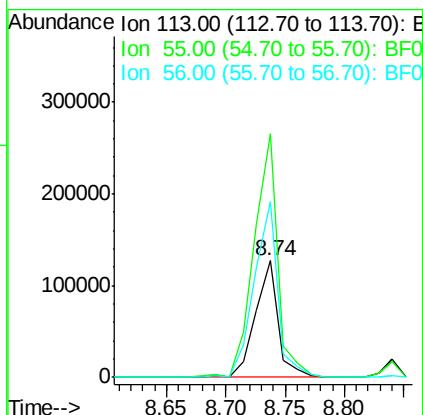
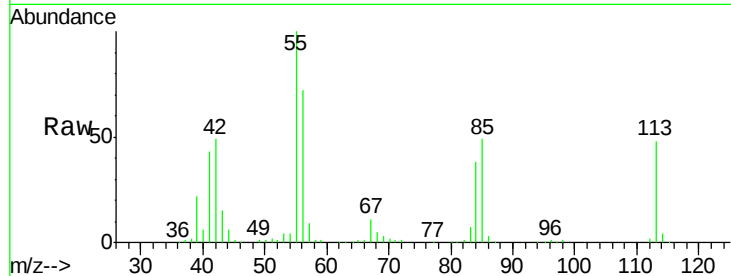
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	208.4	203.3	243.3
56	150.5	140.5	180.5

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#36

4-Chloro-3-methylphenol

Concen: 38.50 ng

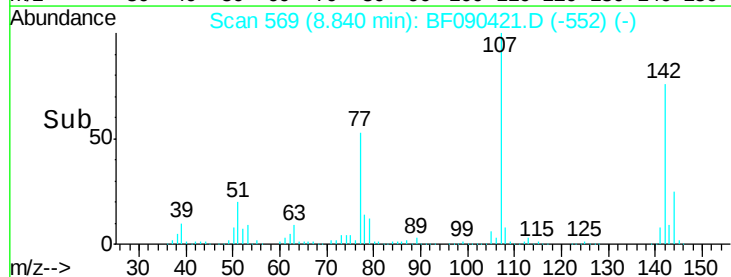
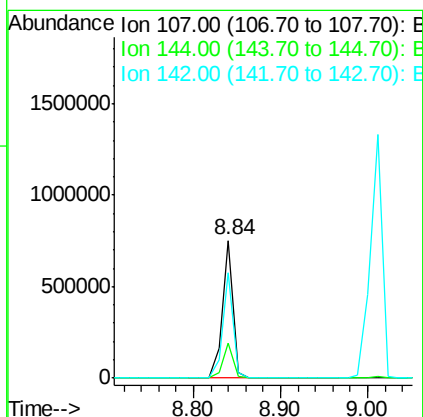
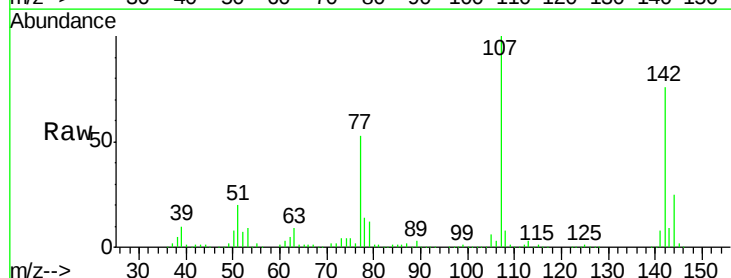
RT: 8.84 min Scan# 569

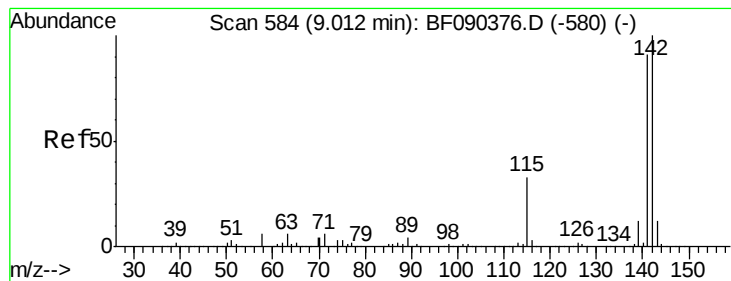
Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.8
142	76.4	60.7	91.1





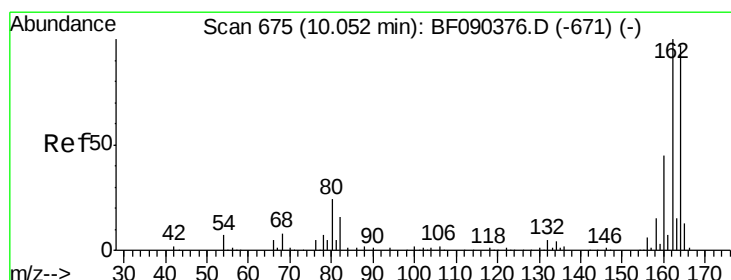
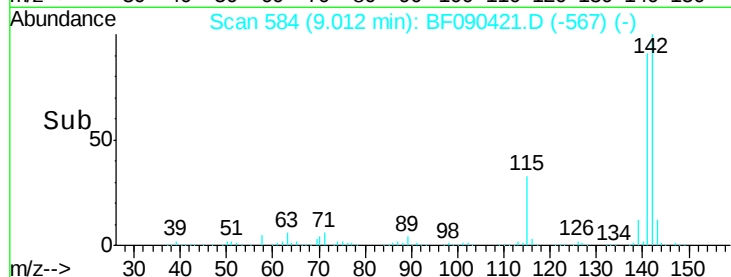
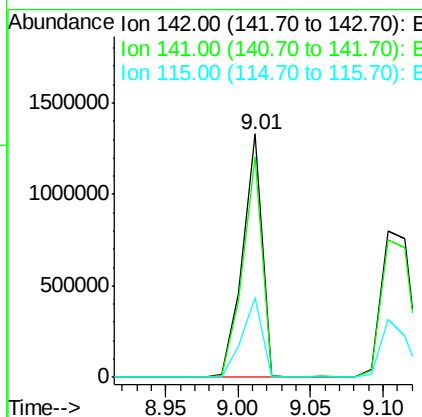
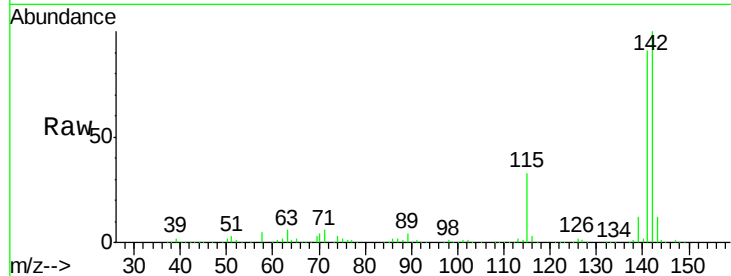
#37
2-Methylnaphthalene
Concen: 40.76 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.8	107.8
115	32.5	28.8	43.2

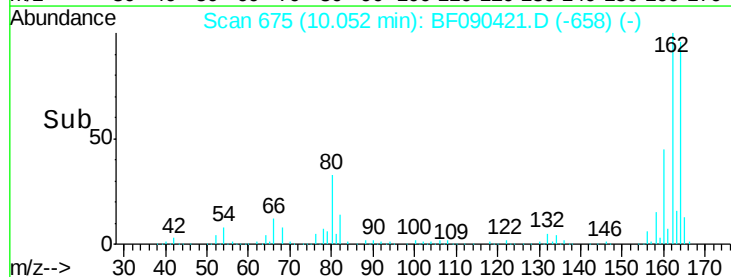
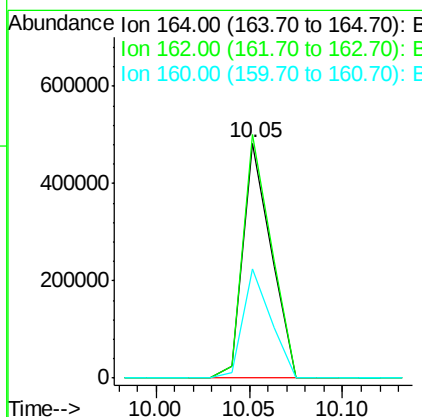
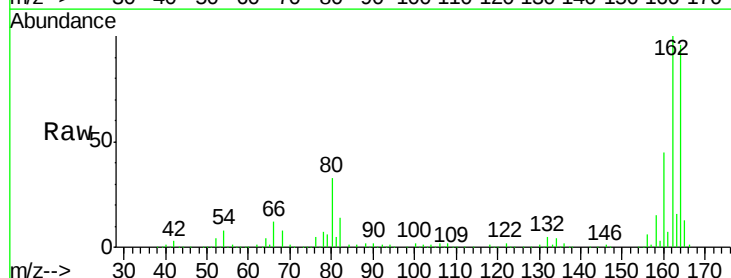
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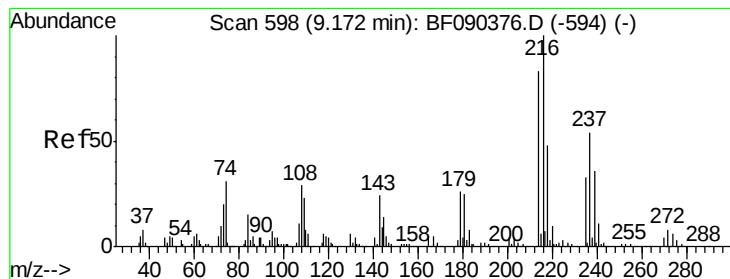
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.1	120.1
160	46.8	36.3	54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.82 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

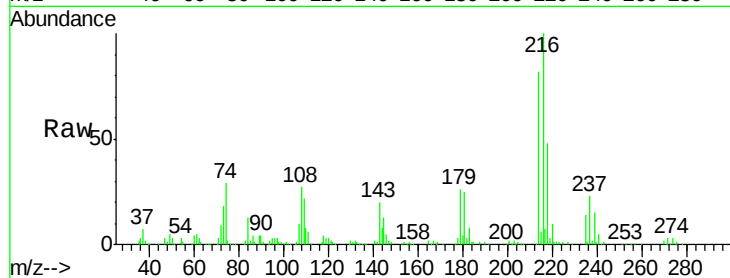
ClientSampleId :

SSTDCCC040EC

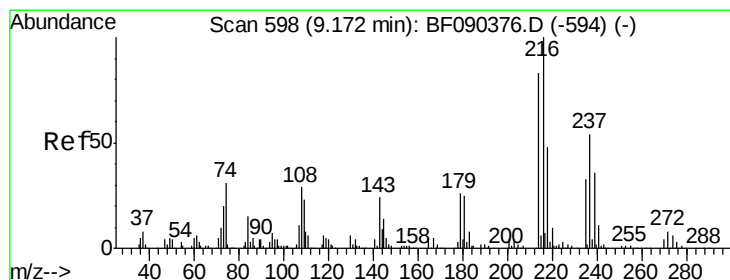
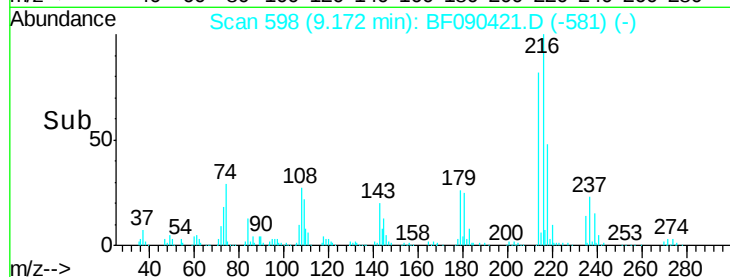
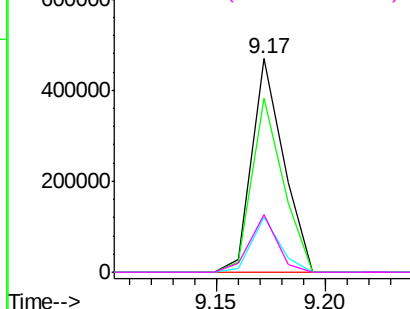
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		476802		
214	80.4	64.2	96.2		
179	23.3	18.0	27.0		
108	23.4	15.2	22.8#		

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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: 21.42 ng

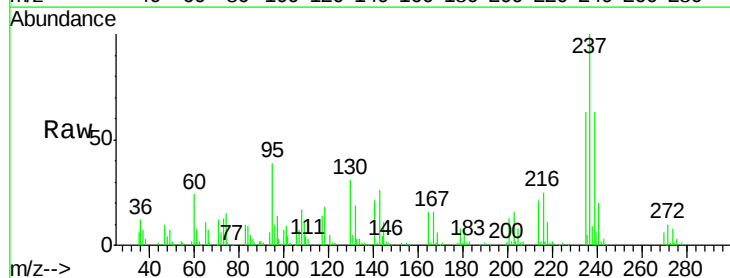
RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

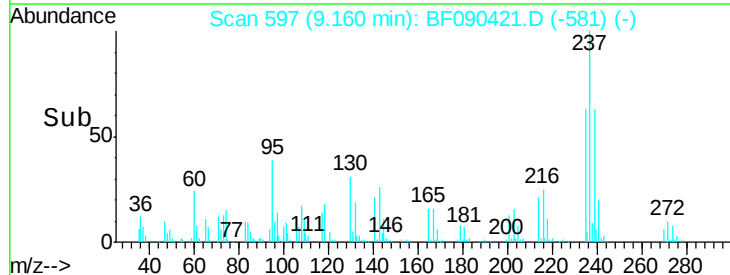
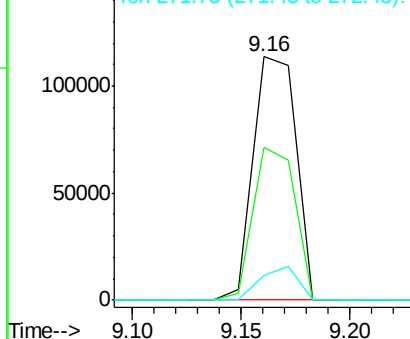
Lab File: BF090421.D

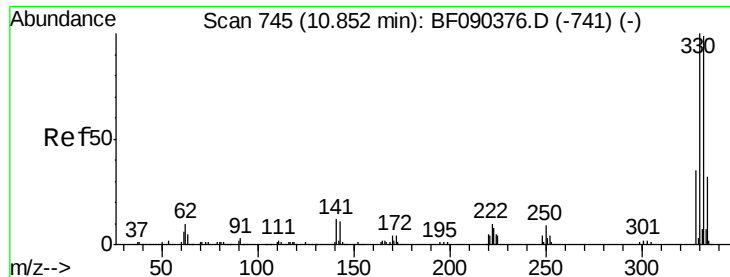
Acq: 6 Oct 2016 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		156263		
235	62.7	43.6	83.6		
272	10.3	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





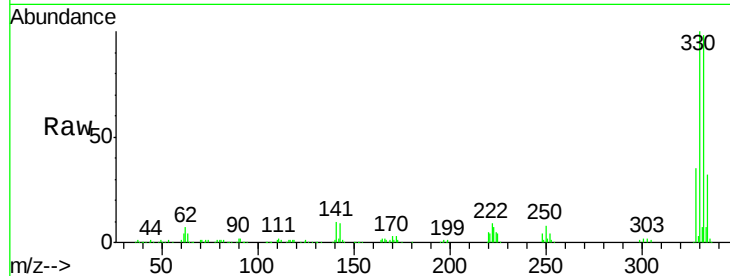
#41
 2,4,6-Tribromophenol
 Concen: 79.27 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

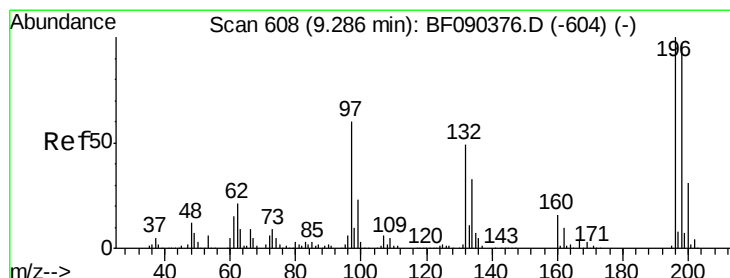
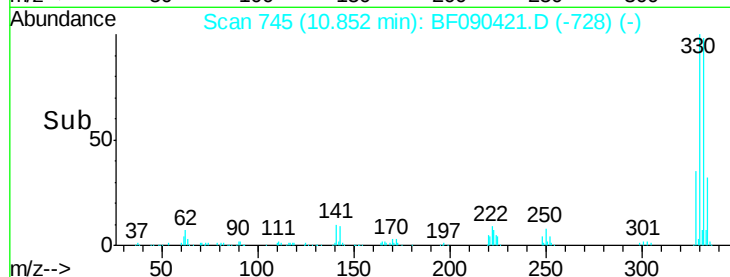
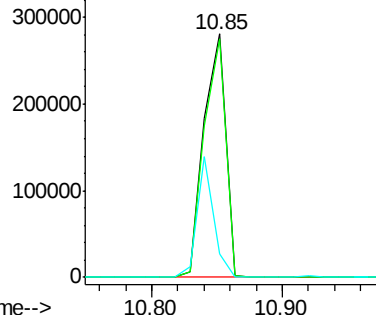
Tot Ion	Ratio	Resp	Lower	Upper
330	100	325464		
332	96.5	75.4	113.0	
141	37.7	26.9	40.3	

Manual Integrations
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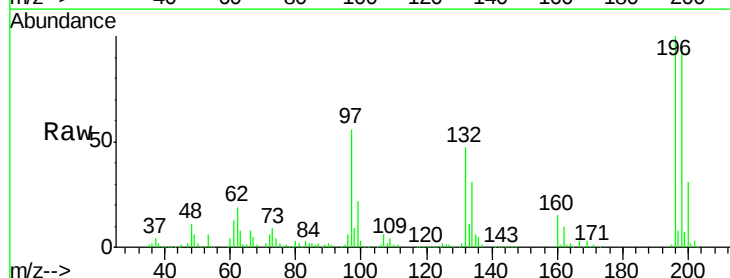


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

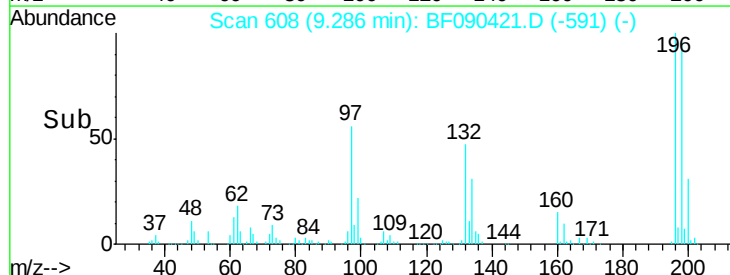
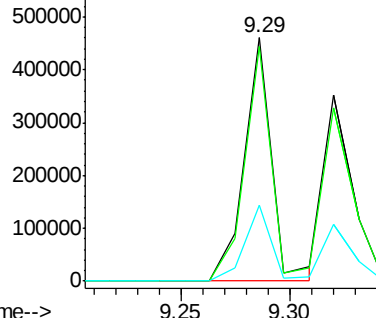


#42
 2,4,6-Trichlorophenol
 Concen: 44.34 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	407294		
198	96.5	78.9	118.3	
200	31.1	25.4	38.2	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





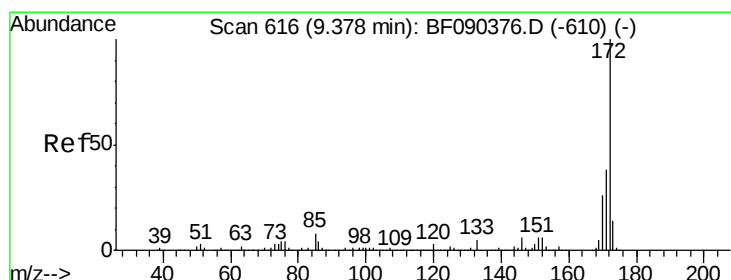
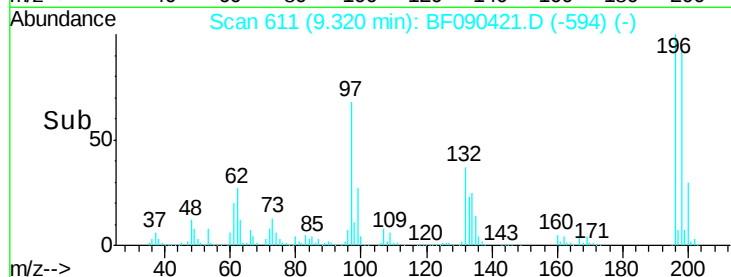
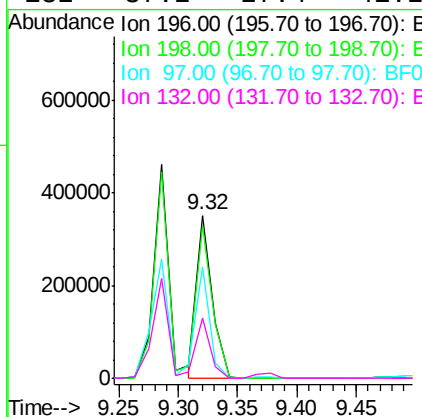
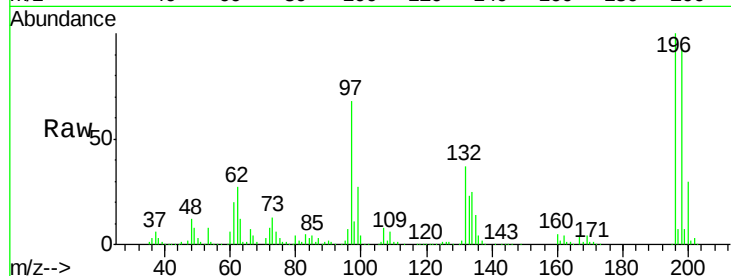
#43
 2,4,5-Trichlorophenol
 Concen: 37.55 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	326139
Ion Ratio	Lower	Upper	
196	100		
198	93.2	78.1	117.1
97	68.4	48.1	72.1
132	37.2	27.4	41.2

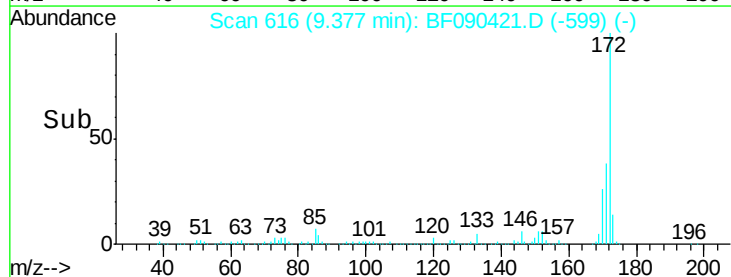
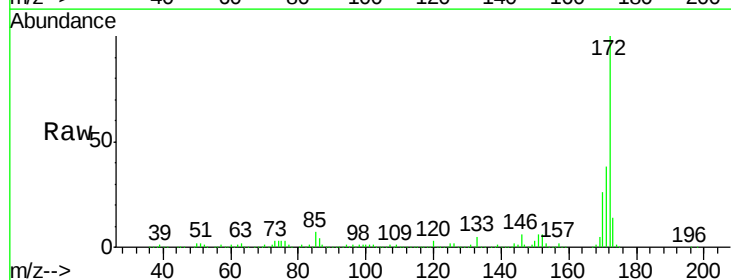
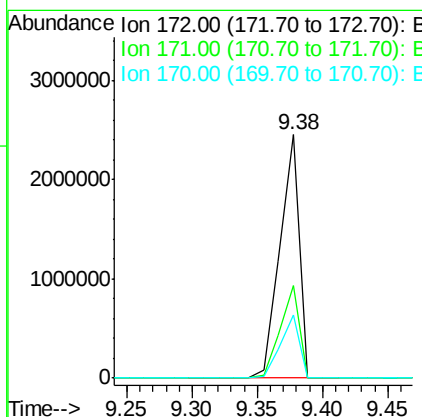
Manual Integrations
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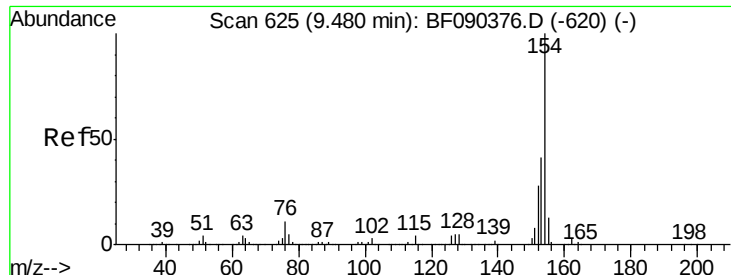
SOHIL
 10/6/2016 5:28:02 PM



#44
 2-Fluorobiphenyl
 Concen: 84.17 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion:	172	Resp:	2550780
Ion Ratio	Lower	Upper	
172	100		
171	38.2	31.8	47.8
170	26.2	21.7	32.5





#45

1,1'-Biphenyl

Concen: 39.76 ng

RT: 9.48 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1487732

Ion Ratio Lower Upper

154 100

153 40.6 23.8 63.8

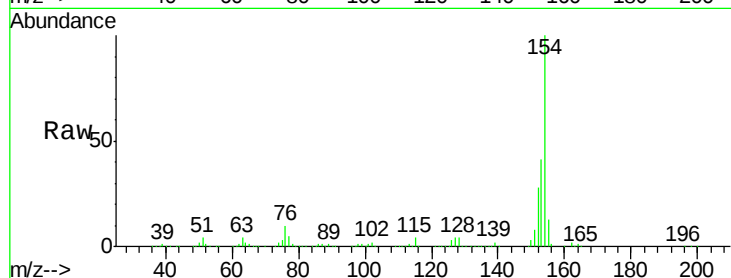
76 10.5 0.0 35.8

Manual Integrations

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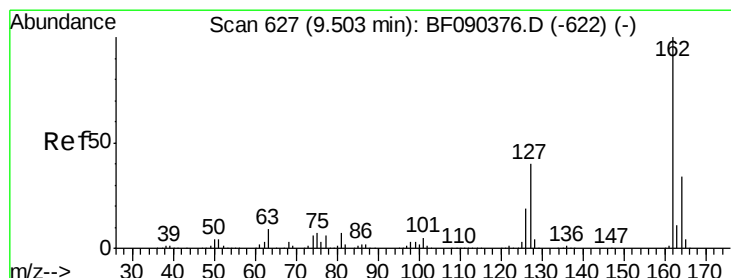
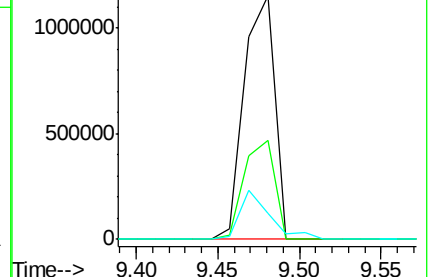
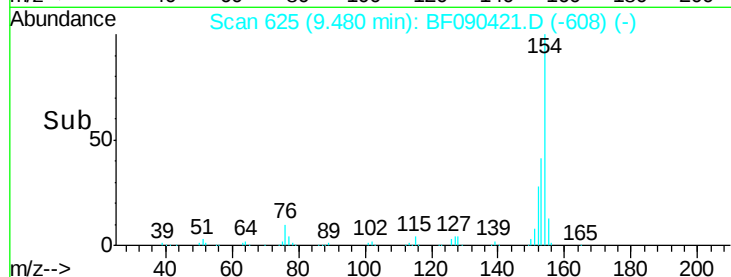
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.80 ng

RT: 9.50 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

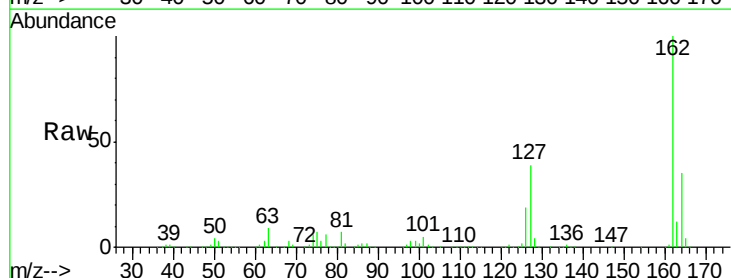
Tgt Ion:162 Resp: 1183209

Ion Ratio Lower Upper

162 100

127 39.3 35.6 53.4

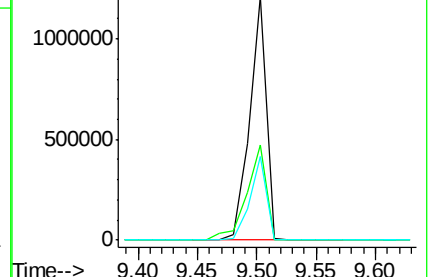
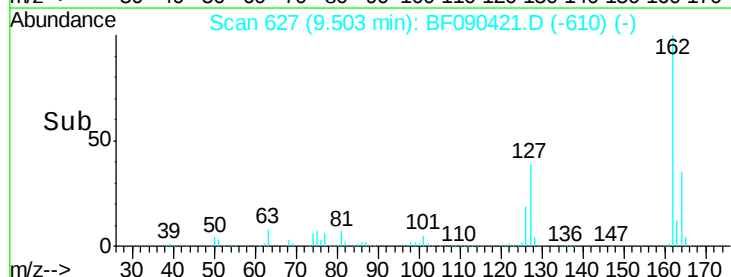
164 34.5 27.5 41.3

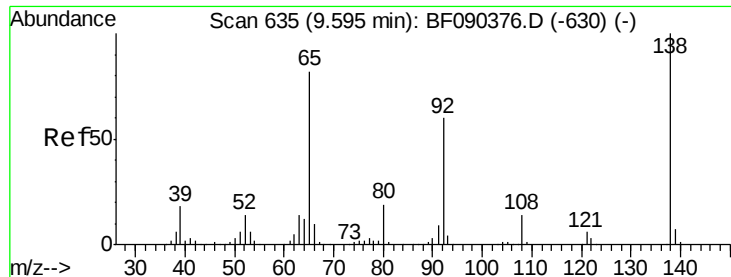


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





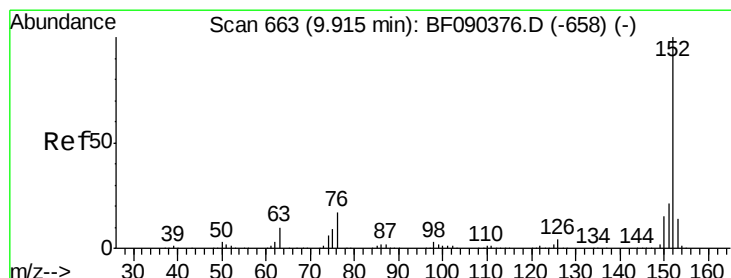
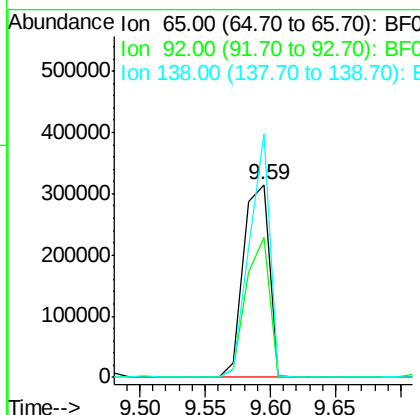
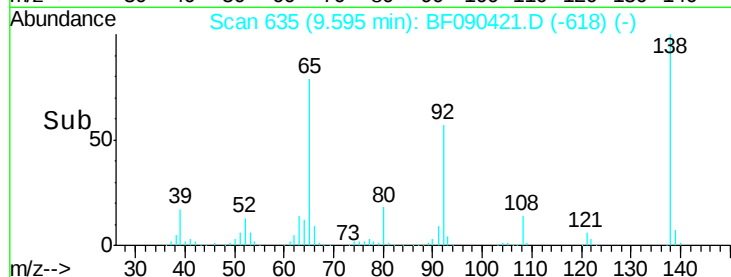
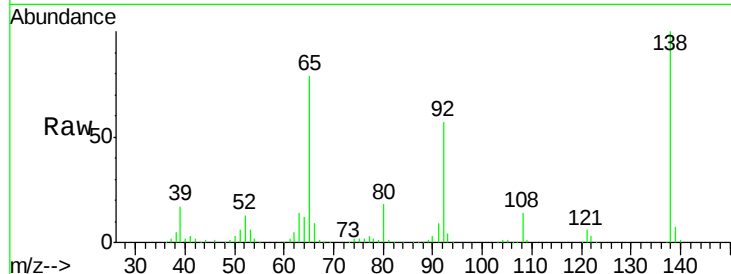
#47
 2-Nitroaniline
 Concen: 39.61 ng
 RT: 9.59 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
65	100			
92	72.5	51.7	77.5	
138	126.3	79.0	118.4	

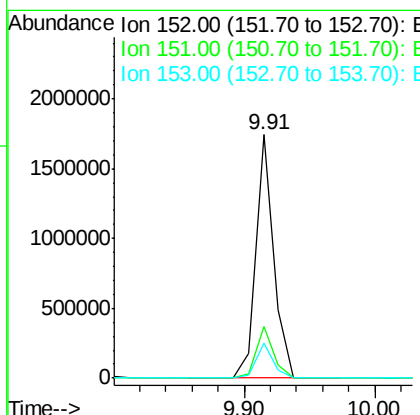
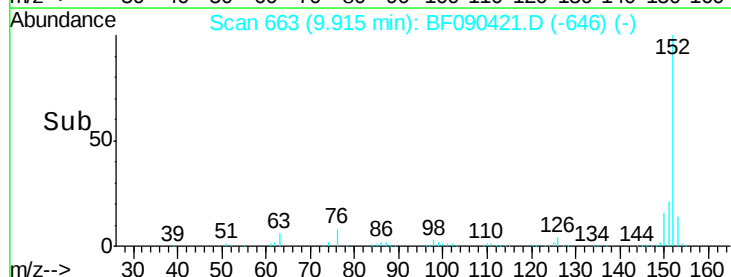
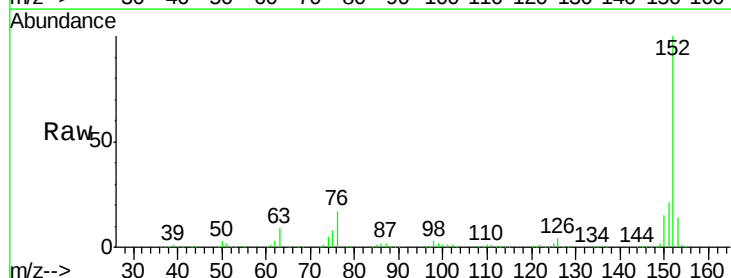
Manual Integrations
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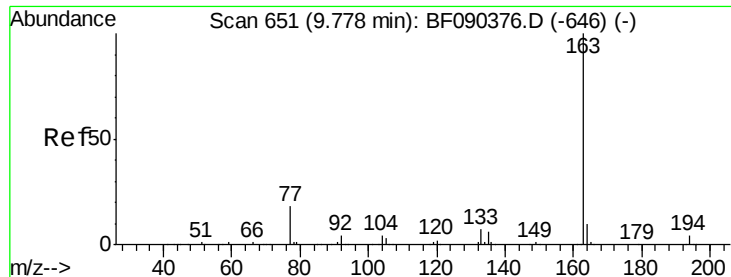
SOHIL
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#48
 Acenaphthylene
 Concen: 36.37 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
151	21.2	17.4	26.0	
153	14.4	11.6	17.4	





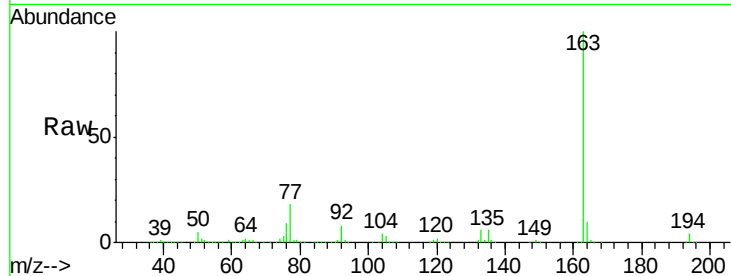
#49
Dimethylphthalate
Concen: 42.42 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

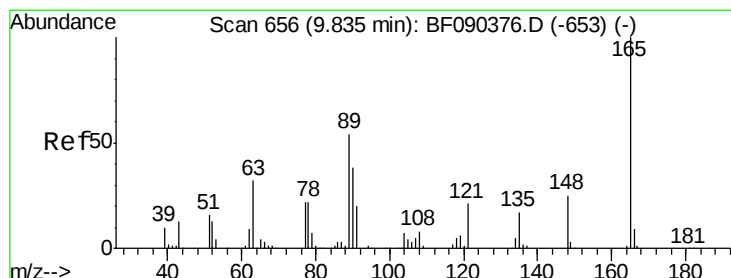
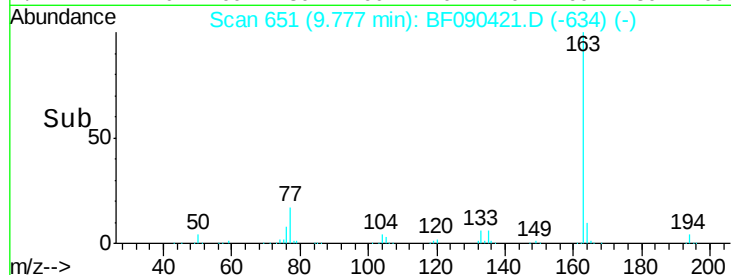
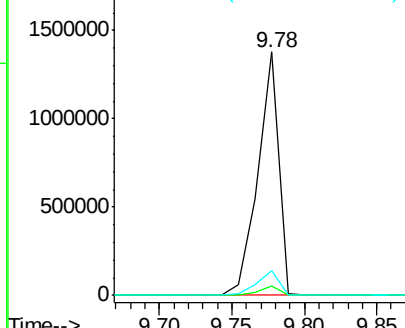
Tot Ion:163 Resp: 1371752
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.2 9.0 13.4

Manual Integrations
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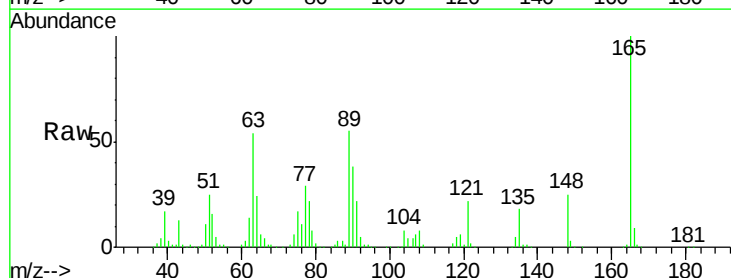


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

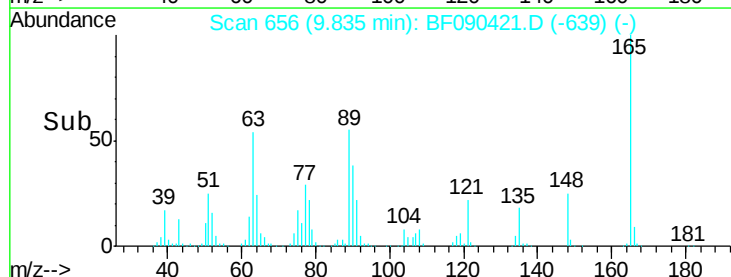
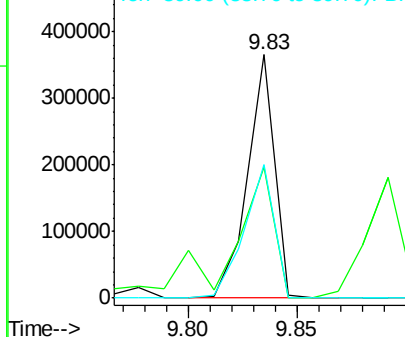


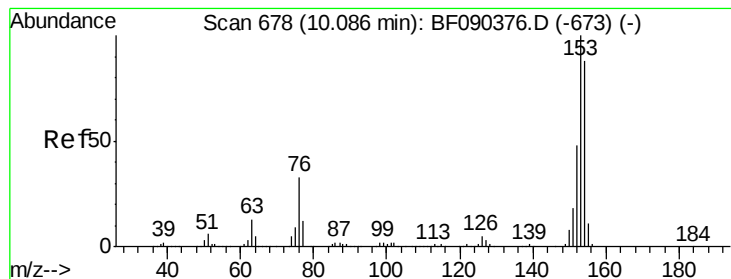
#50
2,6-Dinitrotoluene
Concen: 43.77 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion:165 Resp: 314236
Ion Ratio Lower Upper
165 100
63 53.7 58.0 87.0#
89 54.9 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: 35.69 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1015100

Ion Ratio Lower Upper

154 100

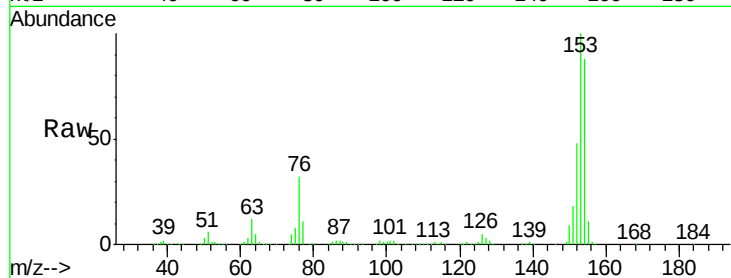
153 113.7 88.6 133.0

152 54.3 42.6 64.0

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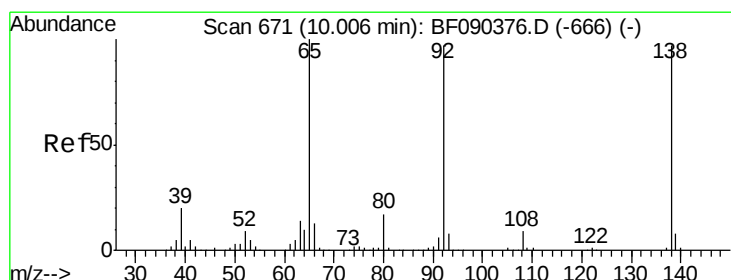
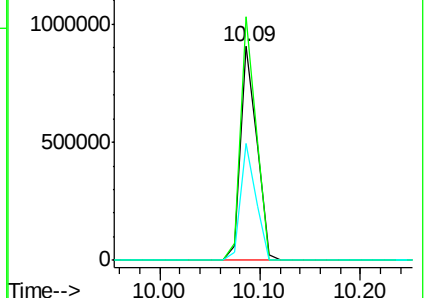
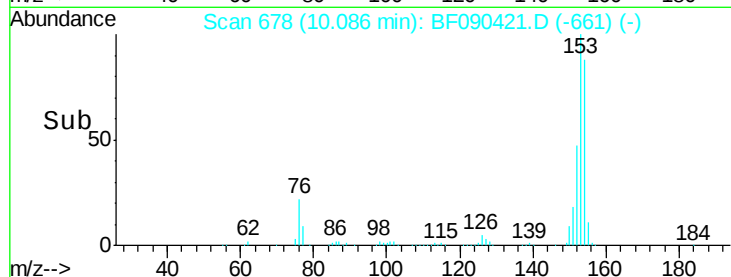
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.63 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

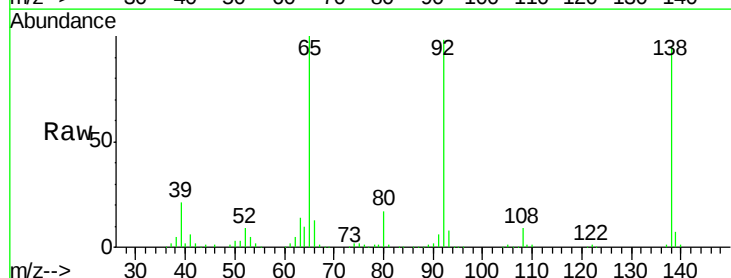
Tgt Ion:138 Resp: 365866

Ion Ratio Lower Upper

138 100

108 9.5 9.7 14.5#

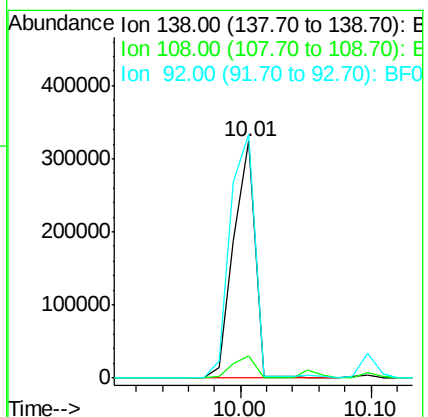
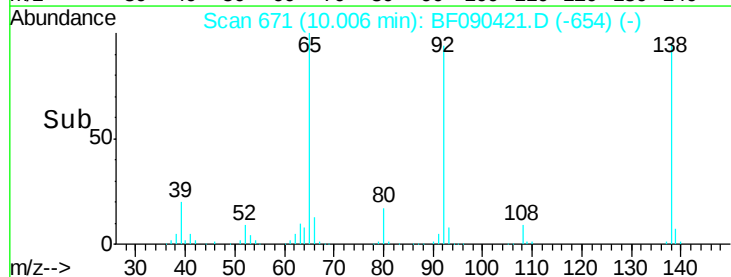
92 102.9 97.1 145.7

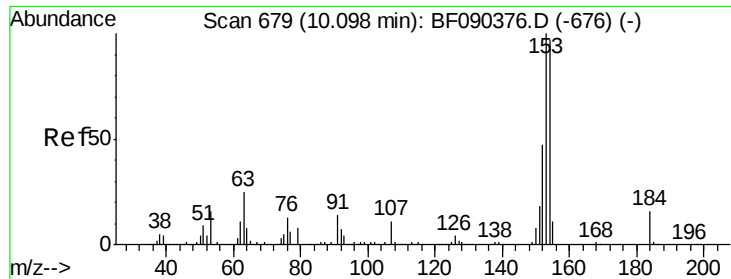


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





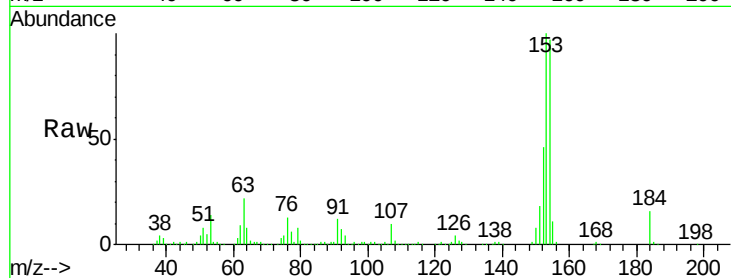
#53
2,4-Dinitrophenol
Concen: 26.87 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

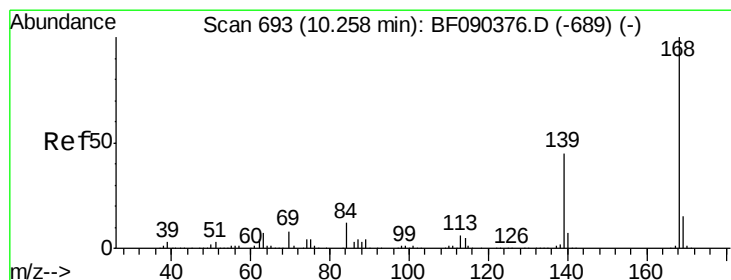
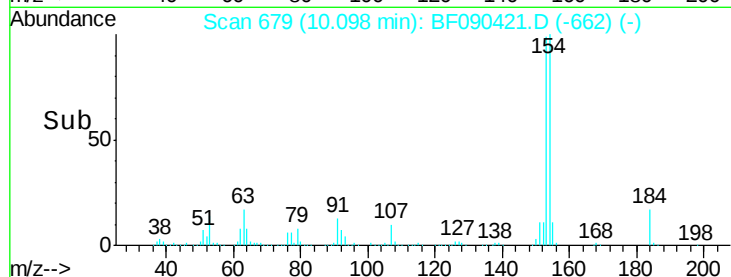
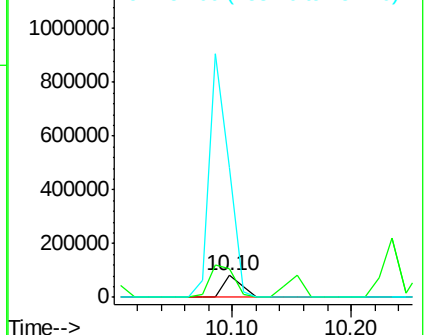
Tot Ion	Ratio	Lower	Upper
184	100		
63	134.4	41.9	62.9#
154	600.7	48.9	73.3#

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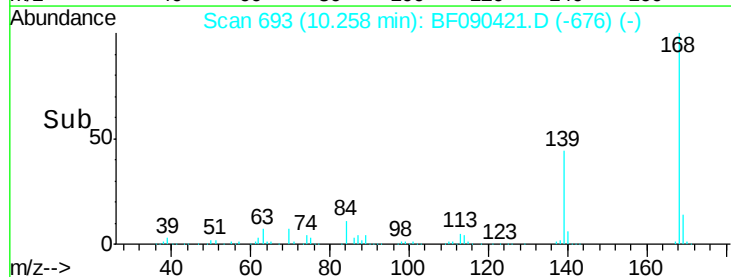
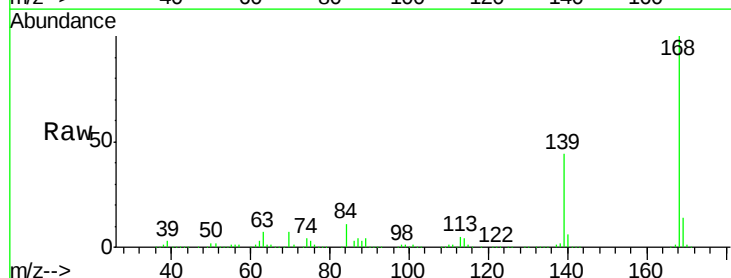
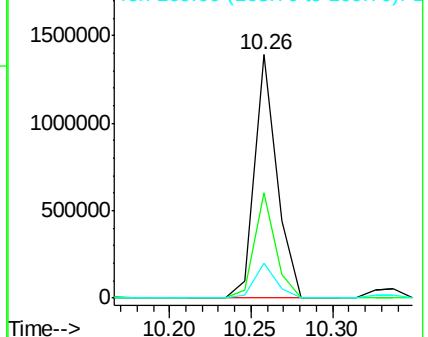
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

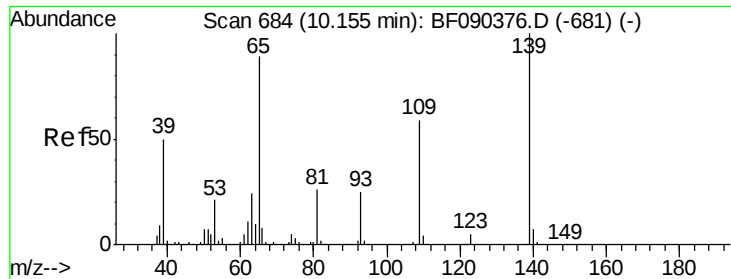


#54
Dibenzofuran
Concen: 35.98 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.5	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





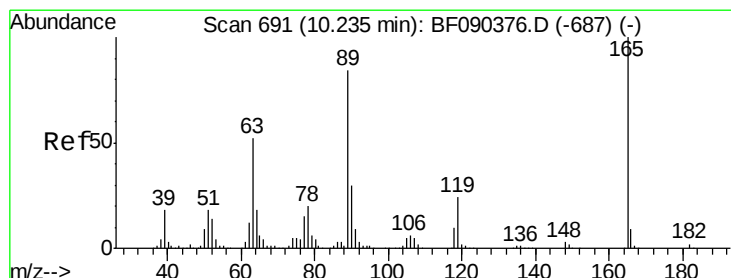
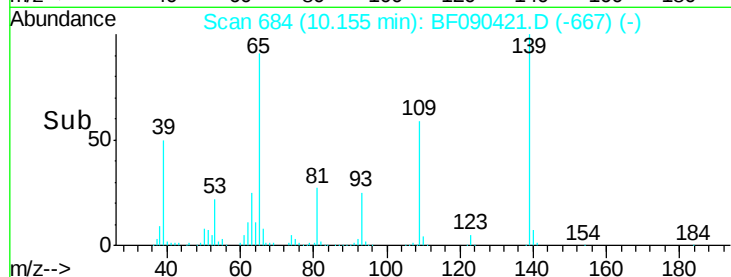
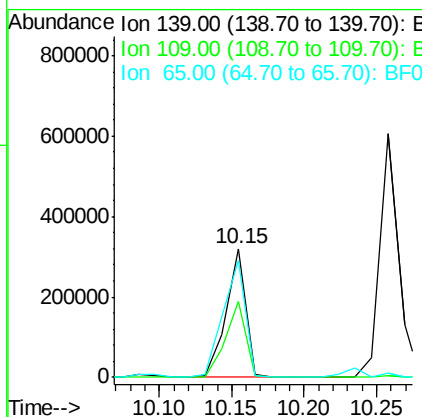
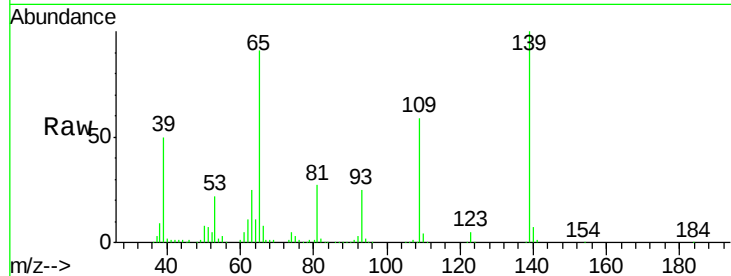
#55
4-Nitrophenol
Concen: 41.34 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.9	43.6	83.6
65	91.0	87.5	127.5

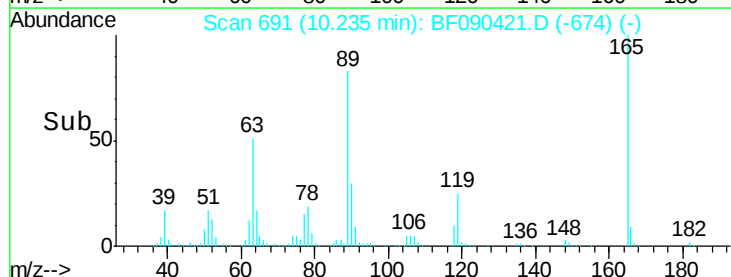
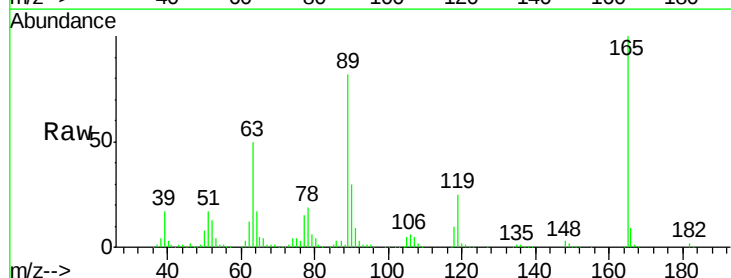
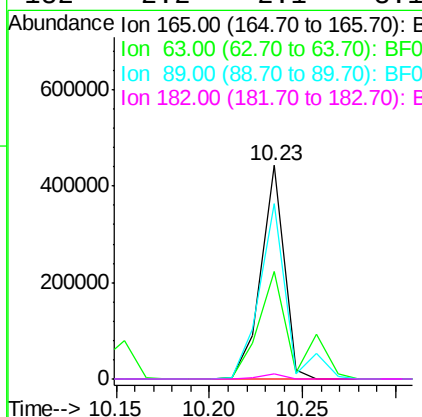
Manual Integrations
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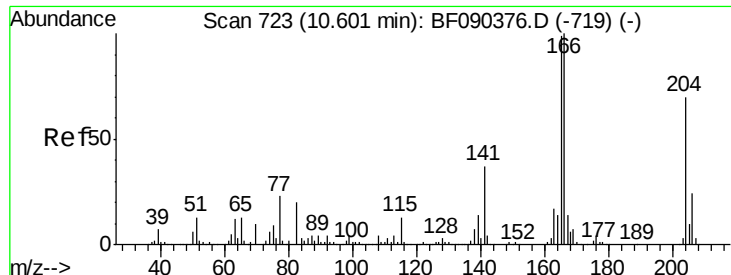
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#56
2,4-Dinitrotoluene
Concen: 39.60 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.3	17.8	26.6#
89	81.9	33.2	49.8#
182	2.2	2.1	3.1





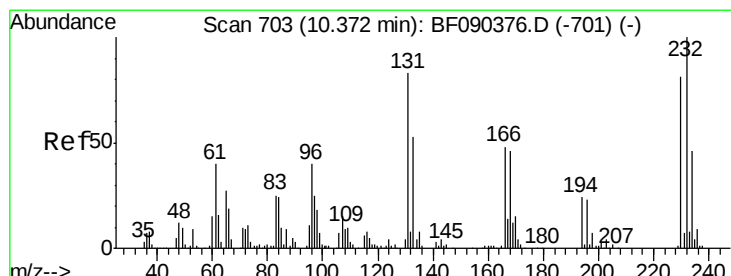
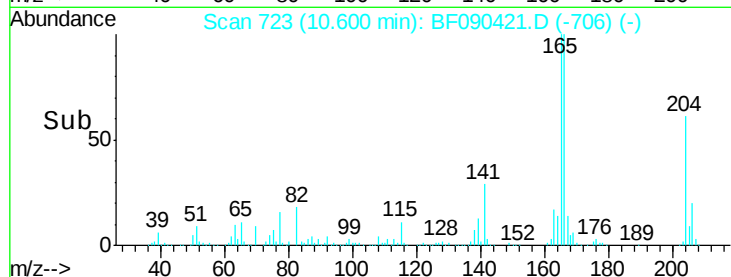
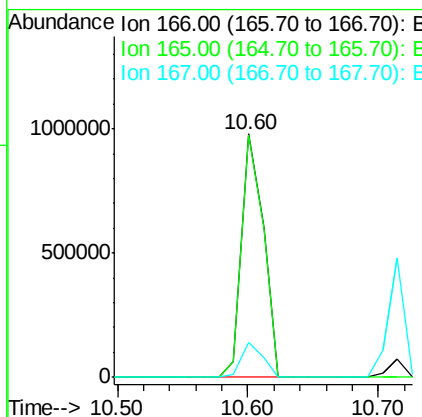
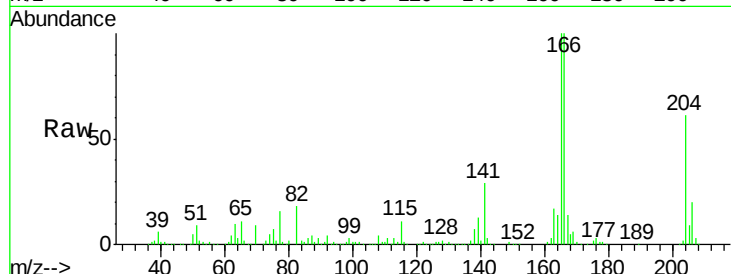
#57
Fluorene
 Concen: 36.56 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.2	118.8
167	14.3	11.1	16.7

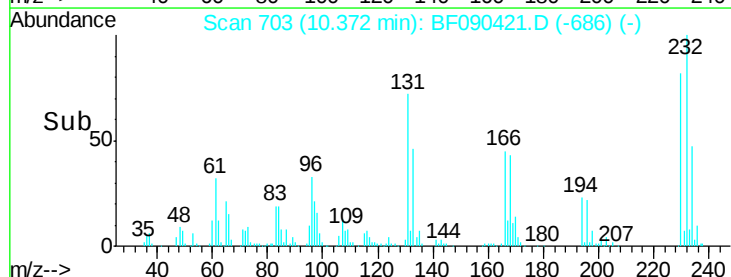
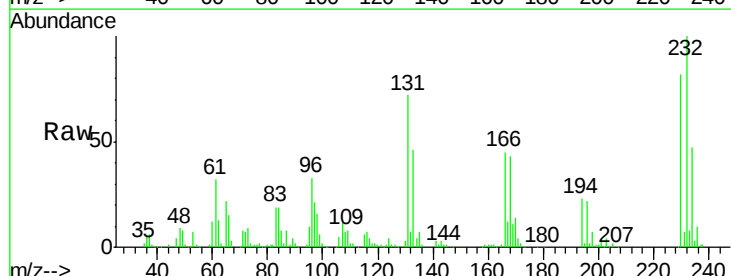
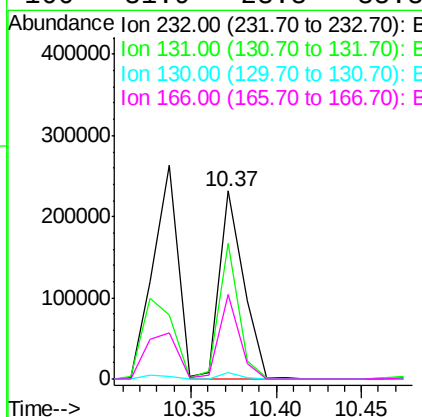
Manual Integrations
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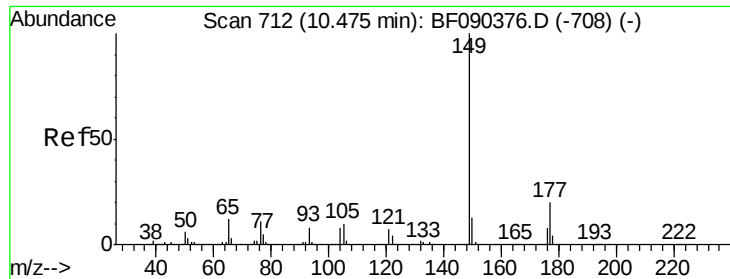
SOHIL
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.92 ng m
 RT: 10.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.3	34.5	51.7#
130	2.6	1.6	2.4#
166	31.9	23.8	35.8





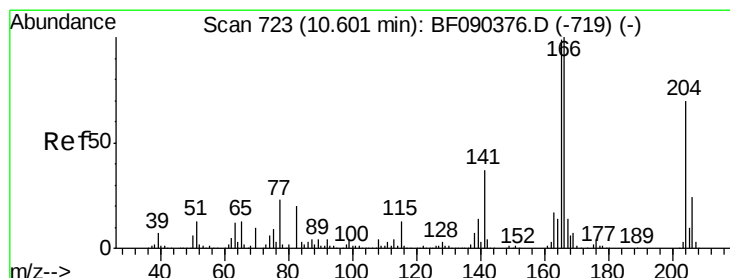
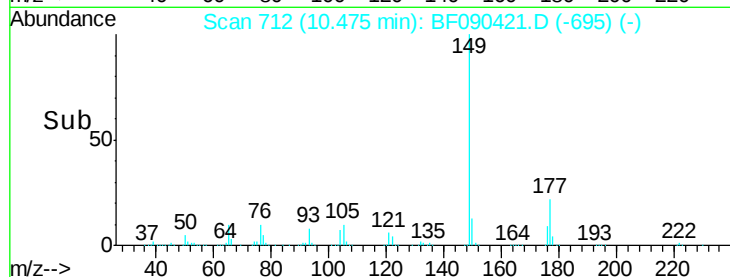
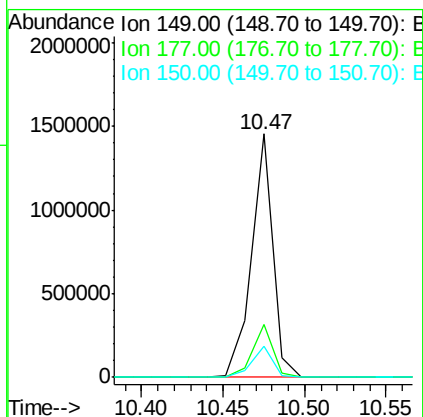
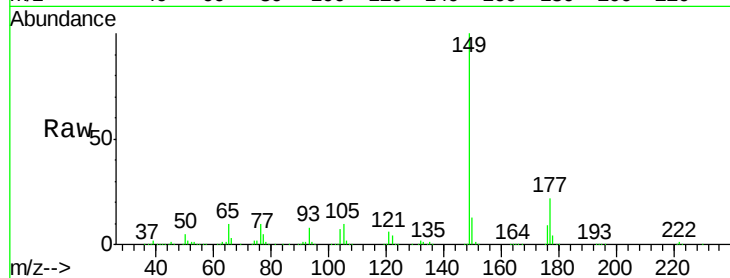
#59
Diethylphthalate
Concen: 39.44 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	21.1	31.7
150	13.0	10.2	15.2

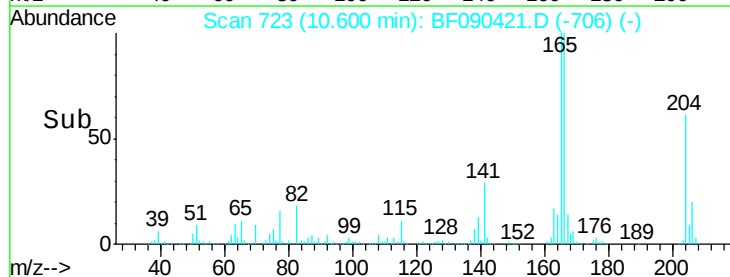
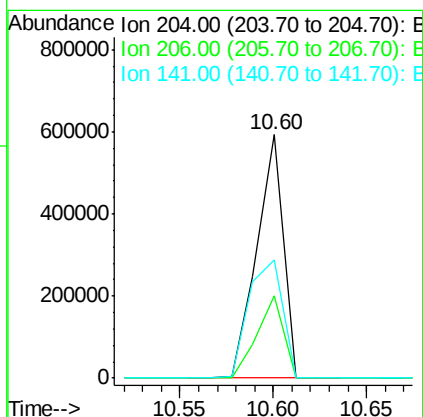
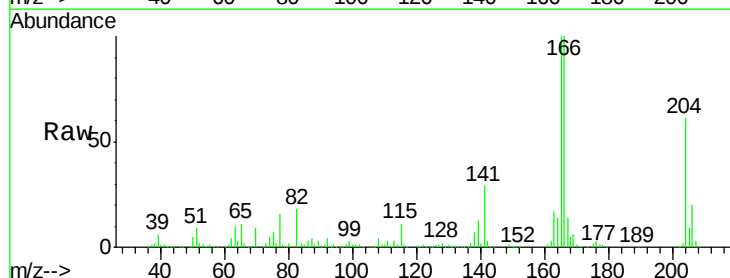
Manual Integrations
APPROVED

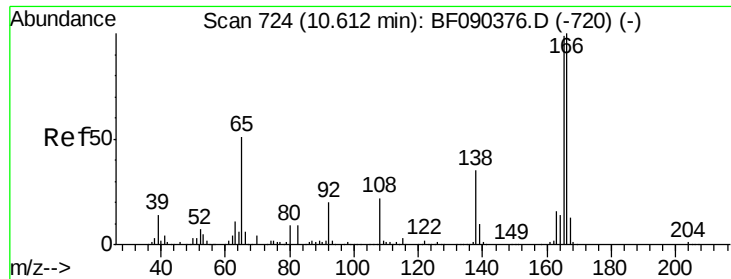
SOHIL
10/6/2016 5:28:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.28 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.7	40.1
141	48.3	51.7	77.5#





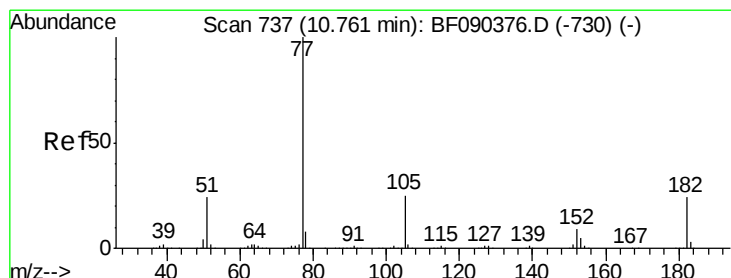
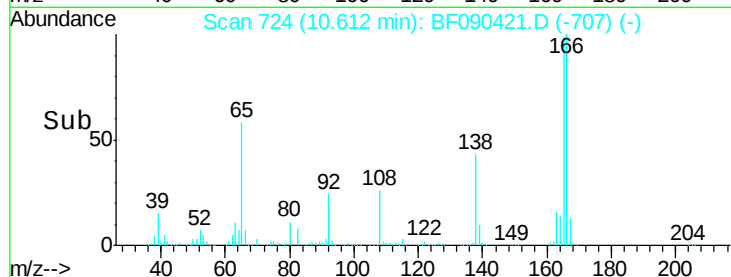
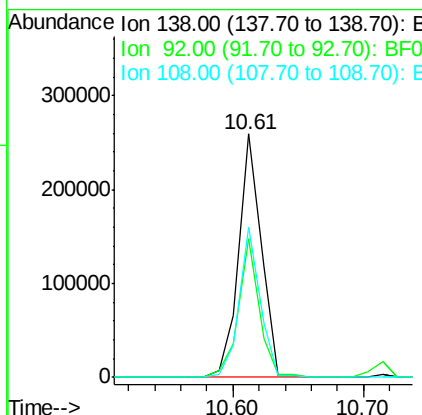
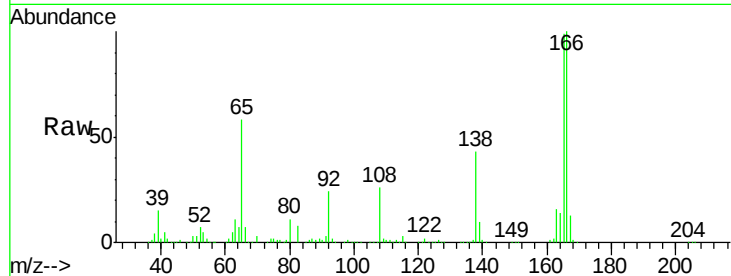
#61
4-Nitroaniline
Concen: 36.88 ng
RT: 10.61 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
138	100	311599		
92	56.8	33.2	73.2	
108	61.6	48.5	88.5	

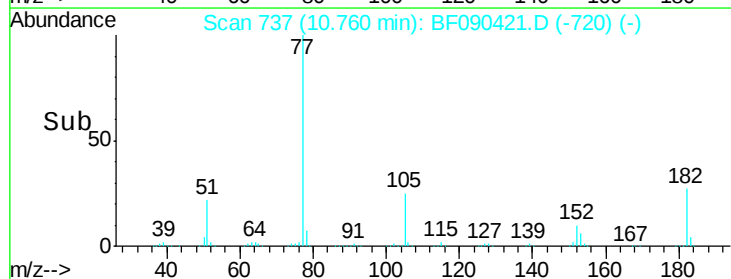
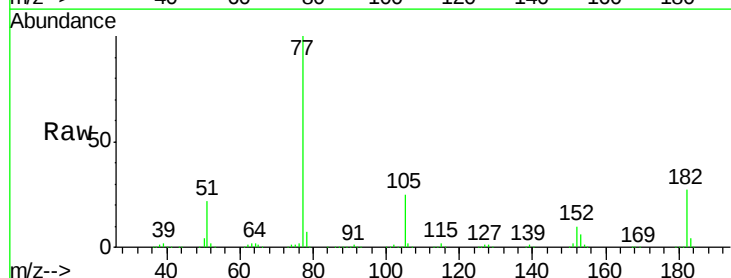
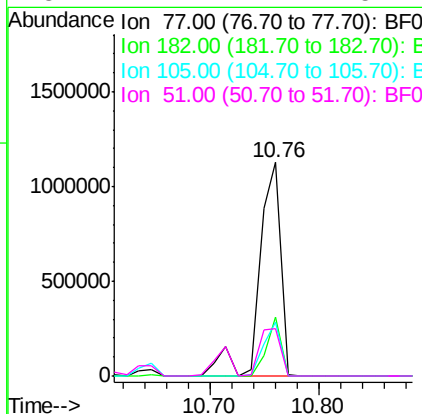
Manual Integrations
APPROVED

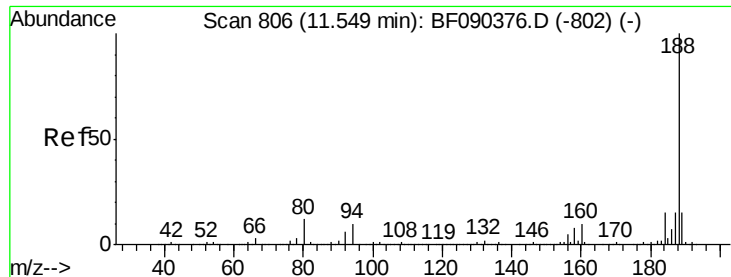
SOHIL
10/6/2016 5:28:02 PM



#62
Azobenzene
Concen: 40.33 ng
RT: 10.76 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1558509		
182	27.5	3.2	43.2	
105	24.9	2.9	42.9	
51	22.4	14.2	54.2	





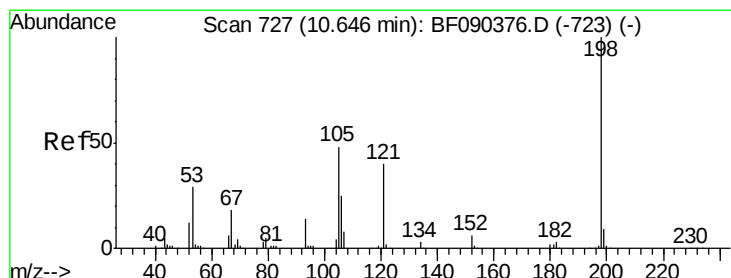
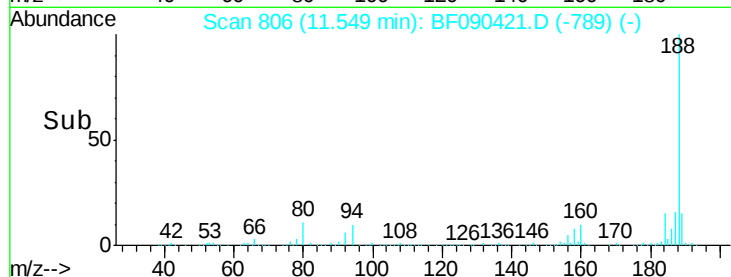
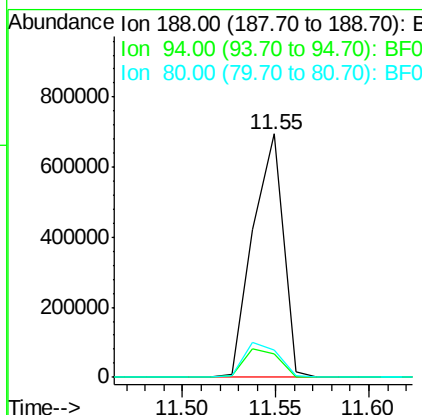
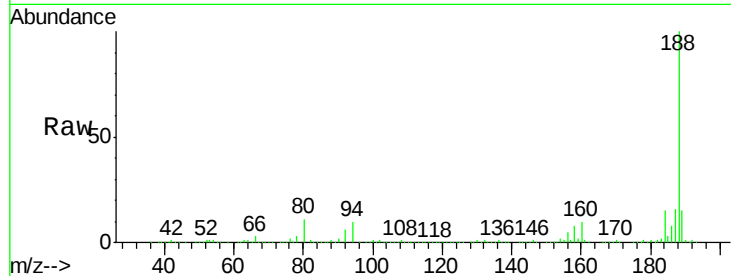
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	8.2	12.2
80	11.4	8.8	13.2

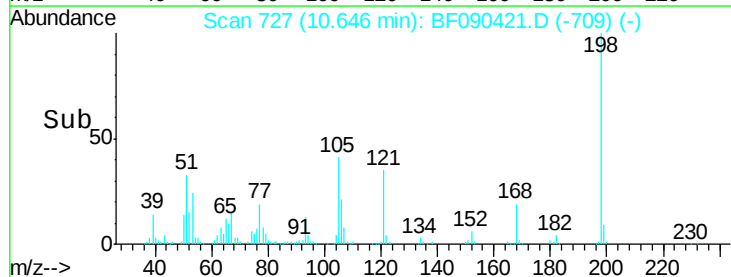
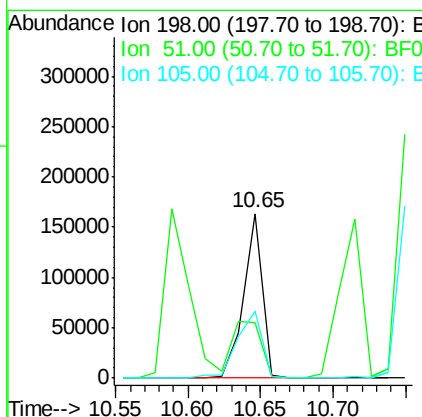
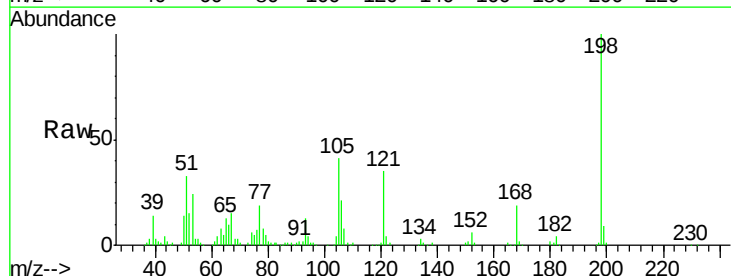
Manual Integrations
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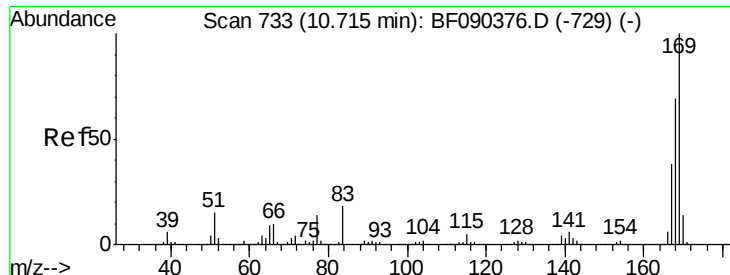
SOHIL
10/6/2016 5:28:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 30.17 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	33.3	67.3	107.3#
105	40.8	42.6	82.6#





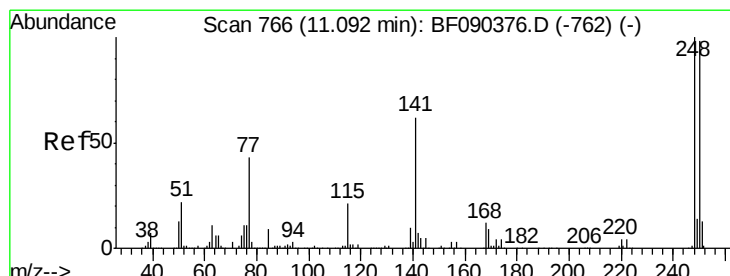
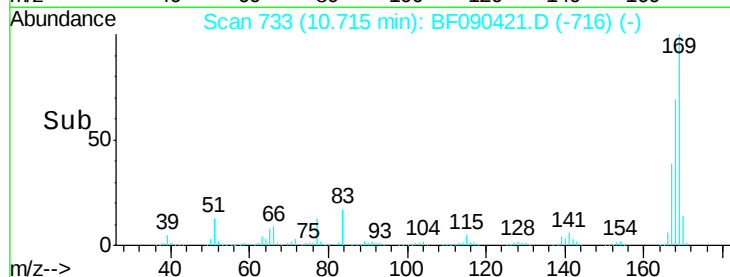
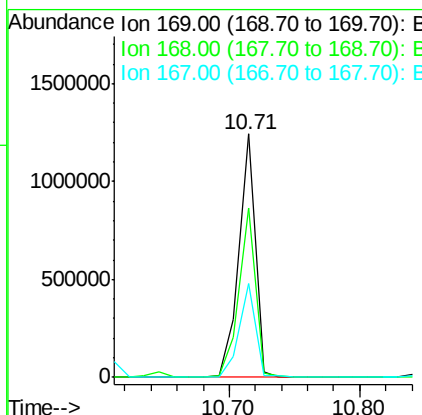
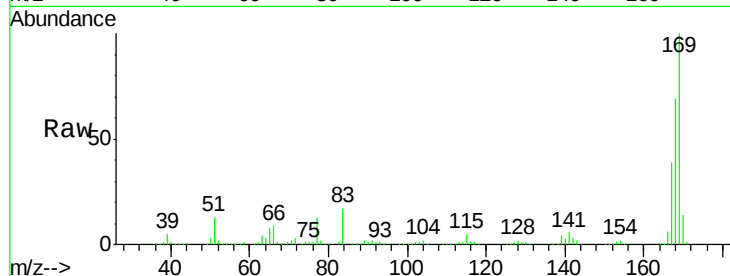
#65
n-Nitrosodiphenylamine
Concen: 41.20 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.4	53.8	80.6
167	38.8	29.8	44.8

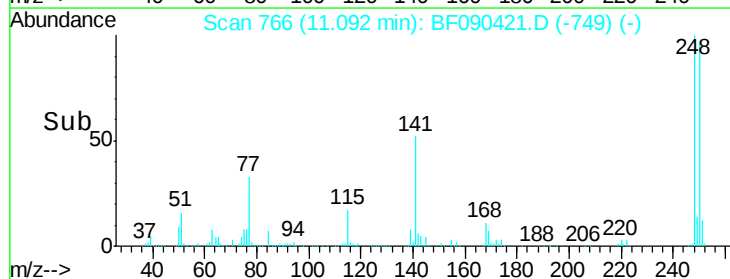
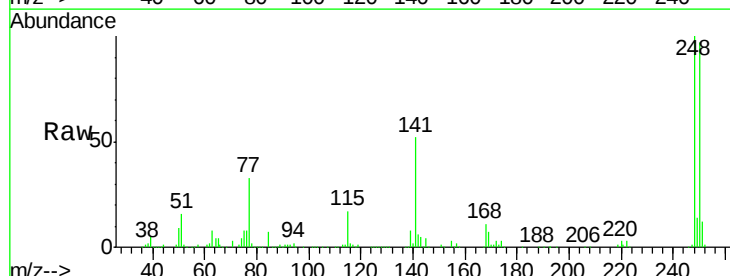
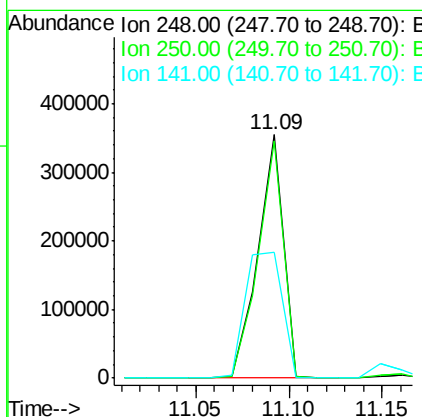
Manual Integrations
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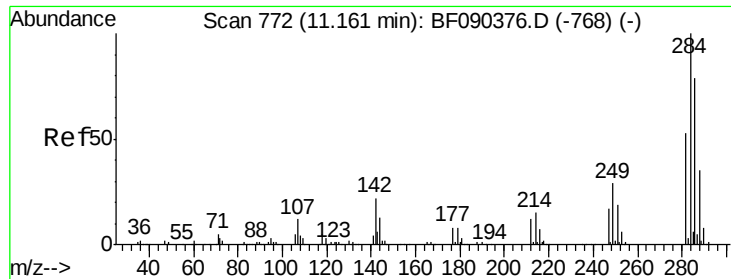
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#66
4-Bromophenyl-phenylether
Concen: 43.22 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.5	114.7
141	51.7	59.8	89.6





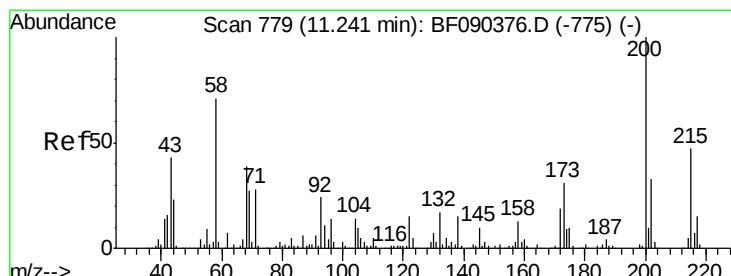
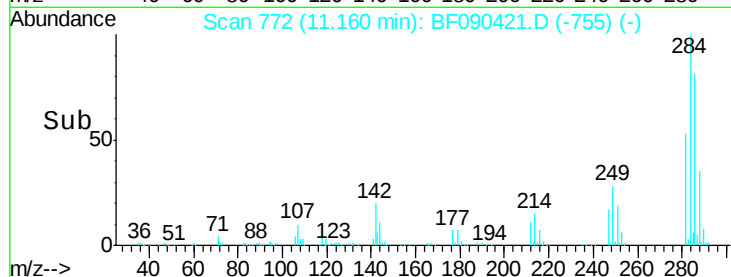
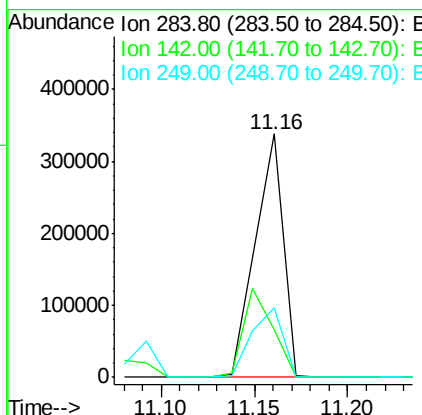
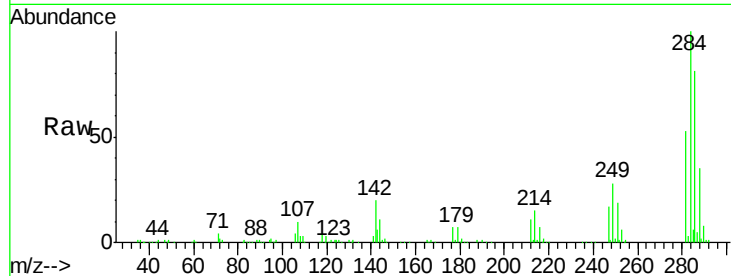
#67
Hexachlorobenzene
Concen: 40.85 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	349369		
142	19.7	23.1	34.7#	
249	28.4	26.3	39.5	

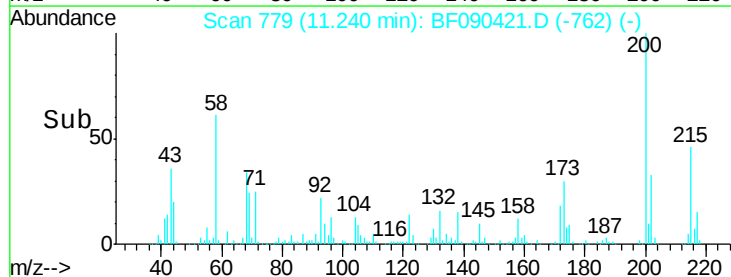
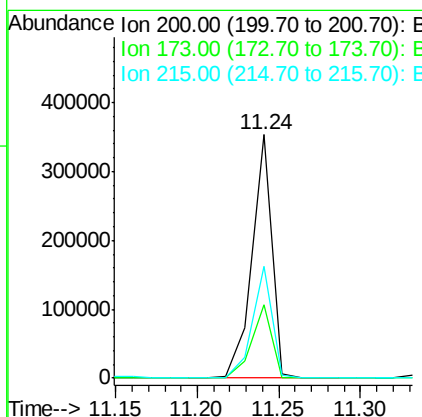
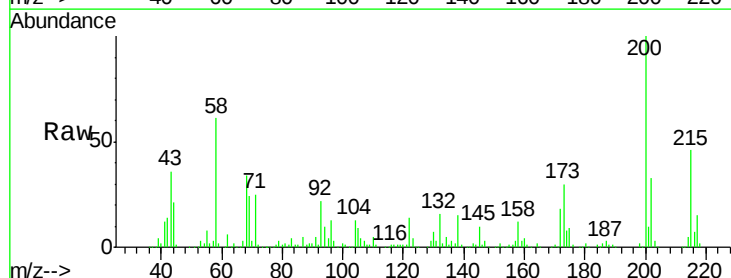
Manual Integrations
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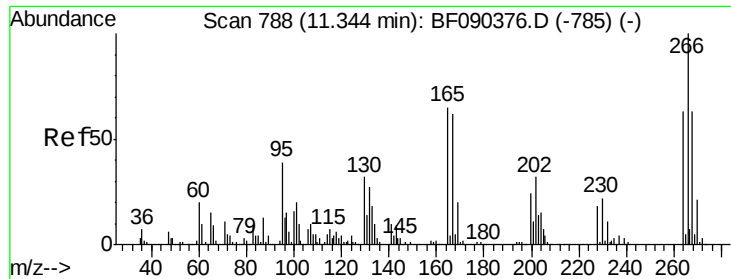
SOHIL
10/6/2016 5:28:02 PM



#68
Atrazine
Concen: 46.22 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	299167		
173	30.1	9.0	49.0	
215	45.9	24.8	64.8	





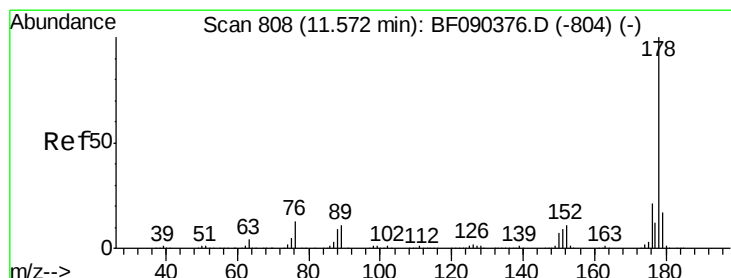
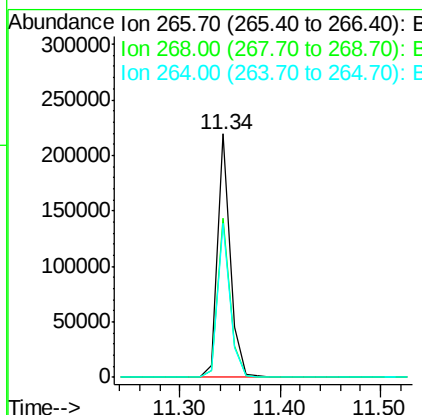
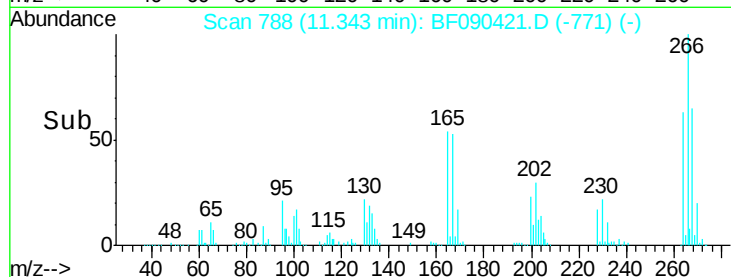
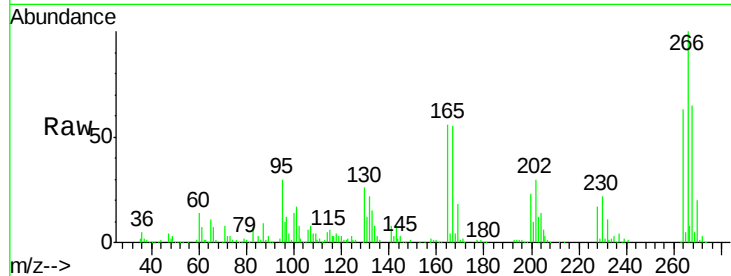
#69
 Pentachlorophenol
 Concen: 37.90 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.9	76.3
264	63.3	51.5	77.3

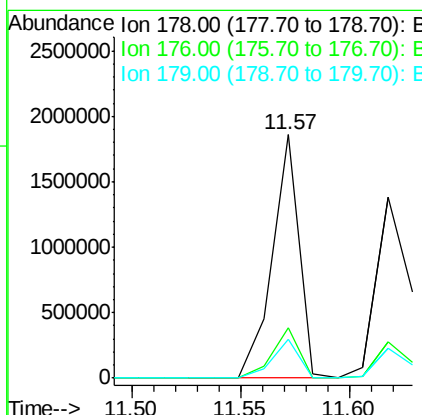
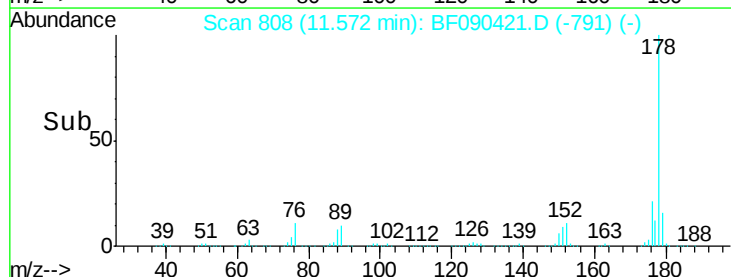
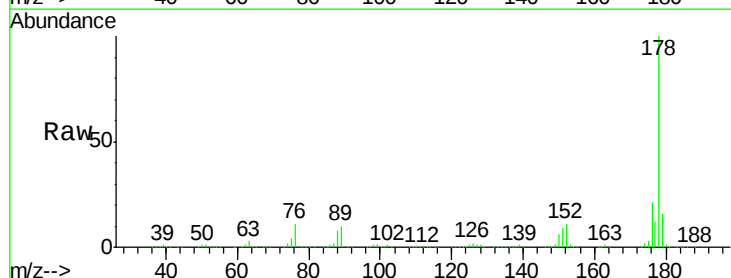
Manual Integrations
 APPROVED

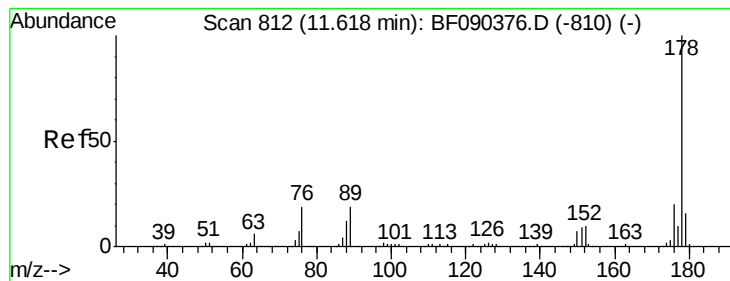
SOHIL
 10/6/2016 5:28:02 PM



#70
 Phenanthrene
 Concen: 40.22 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.3	25.9
179	16.0	13.8	20.6





#71

Anthracene

Concen: 35.72 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1463385

Ion Ratio Lower Upper

178 100

176 19.7 16.8 25.2

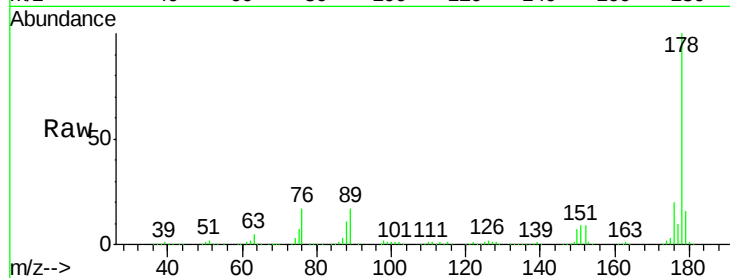
179 16.5 13.4 20.2

Manual Integrations

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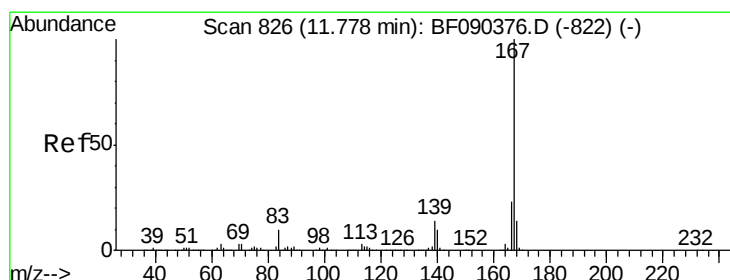
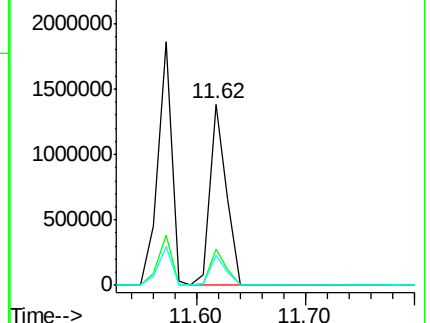
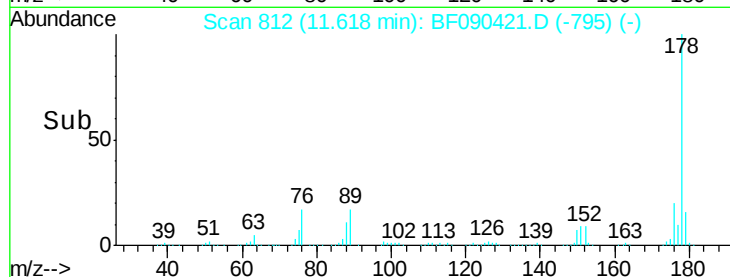
10/6/2016 5:28:02 PM



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: 39.49 ng

RT: 11.78 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

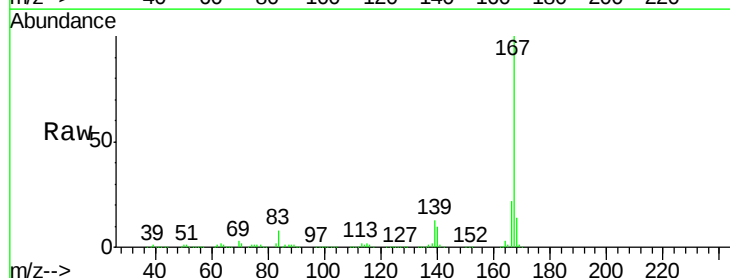
Tgt Ion:167 Resp: 1503031

Ion Ratio Lower Upper

167 100

166 22.4 19.1 28.7

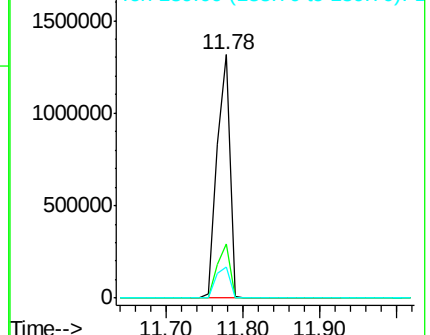
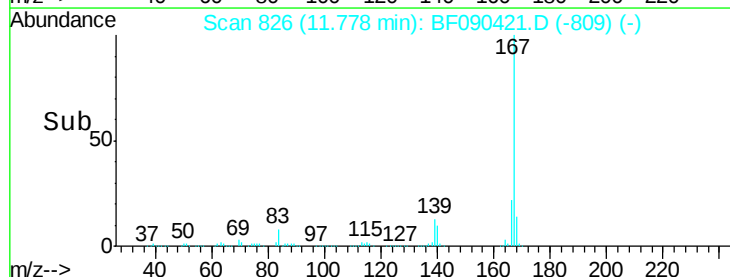
139 12.8 12.1 18.1

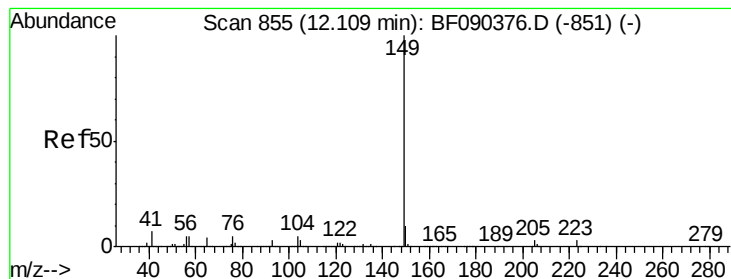


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.62 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 2020188

Ion Ratio Lower Upper

149 100

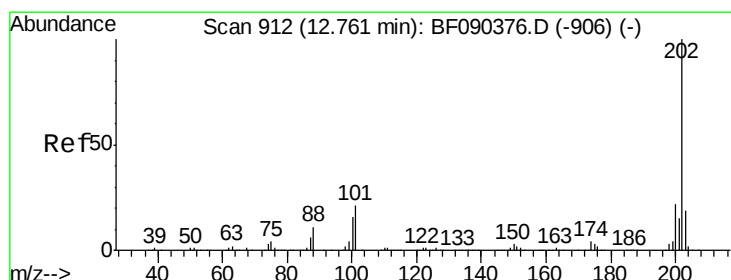
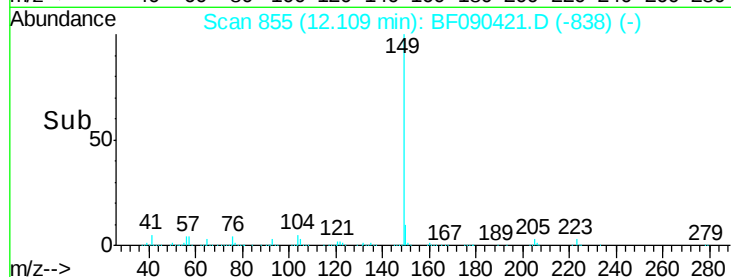
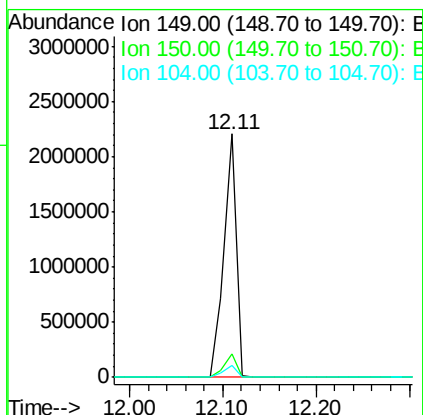
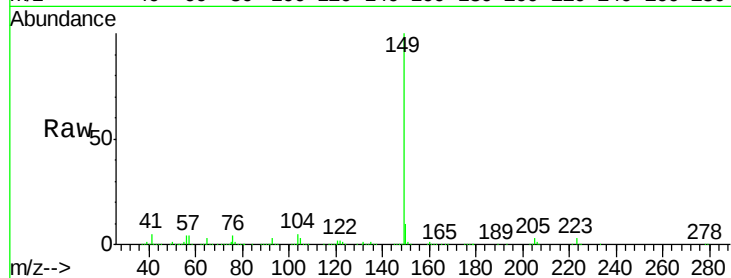
150 9.8 8.6 12.8

104 4.7 4.7 7.1#

Manual Integrations
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SOHIL

10/6/2016 5:28:02 PM



#74

Fluoranthene

Concen: 34.14 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

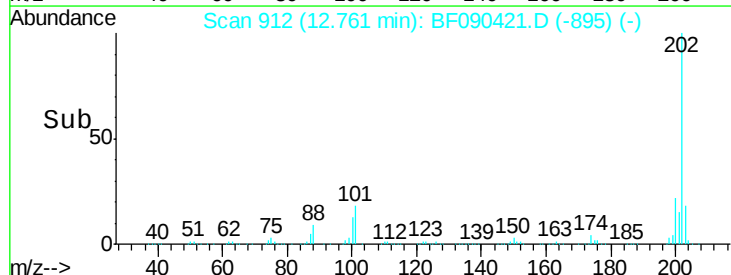
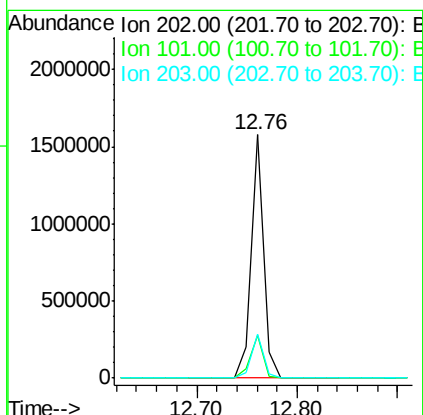
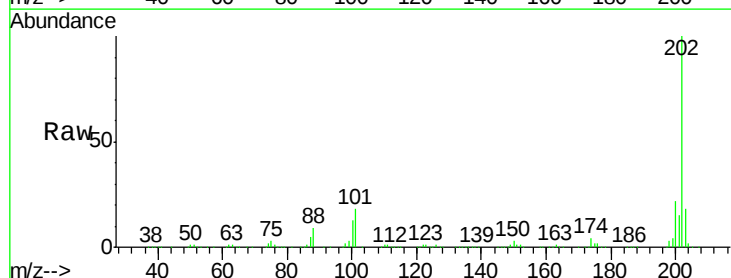
Tgt Ion:202 Resp: 1343161

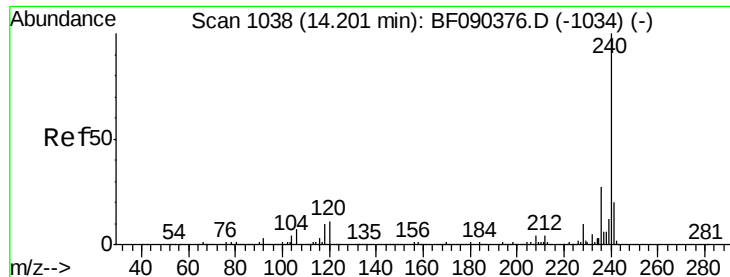
Ion Ratio Lower Upper

202 100

101 17.5 0.0 37.2

203 18.1 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 534688

Ion Ratio Lower Upper

240 100

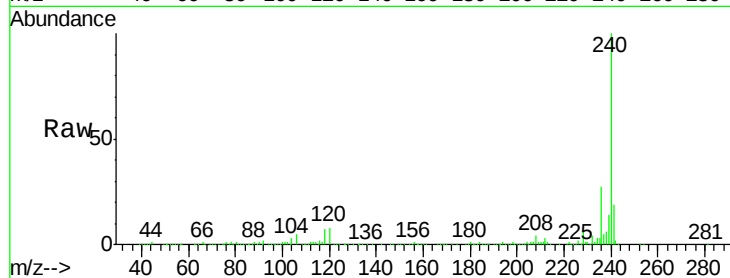
120 7.9 8.6 13.0#

236 26.8 21.6 32.4

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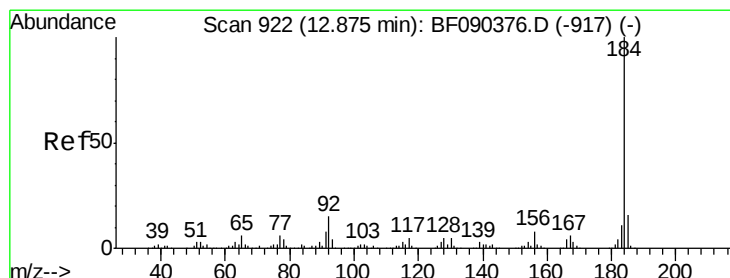
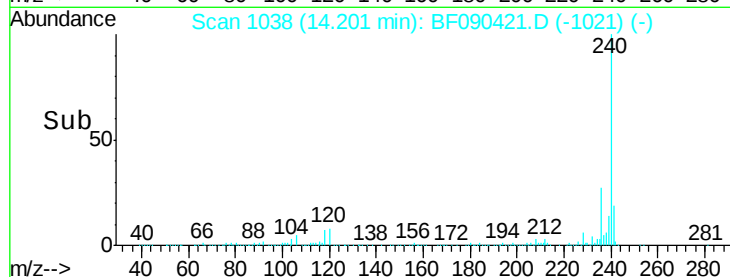
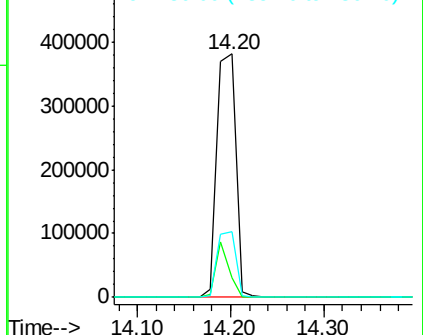
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.65 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

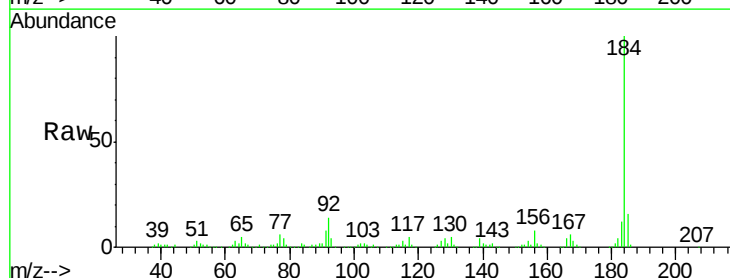
Tgt Ion:184 Resp: 571492

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.8

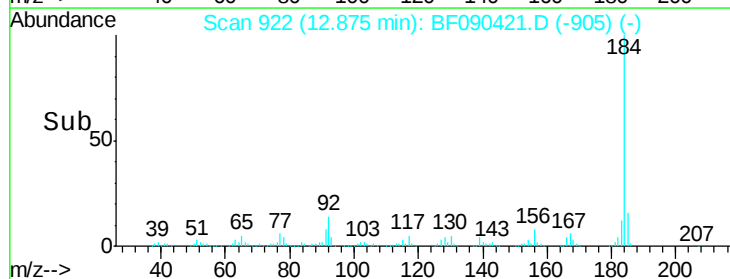
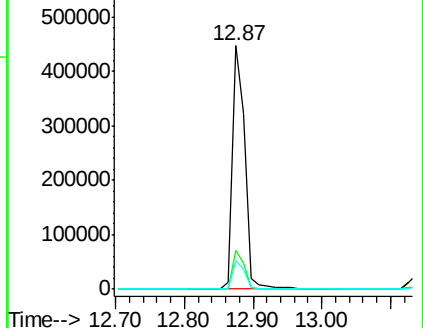
183 11.6 9.6 14.4

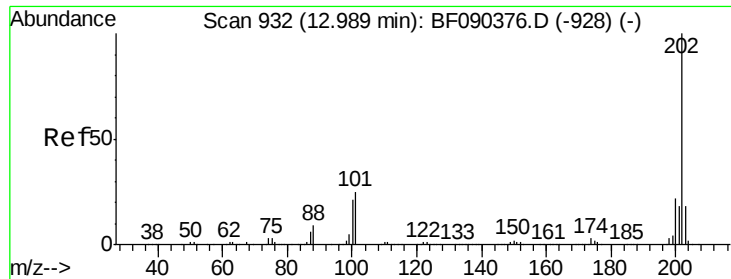


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





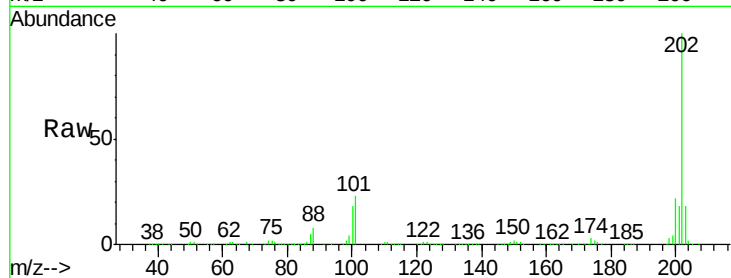
#77
Pvrene
Concen: 36.72 ng
RT: 12.99 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

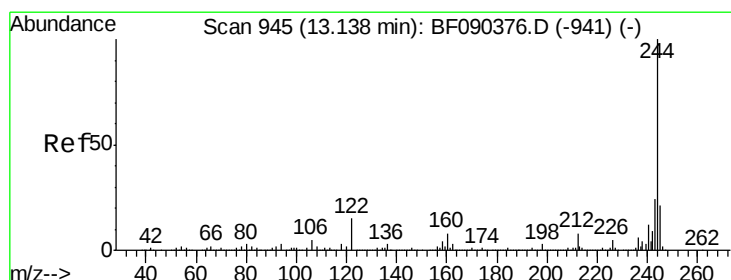
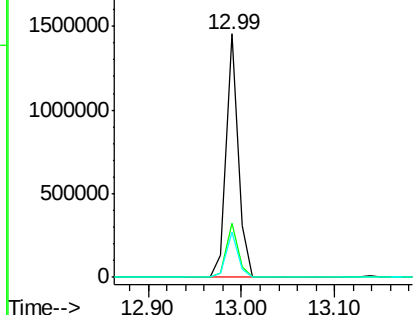
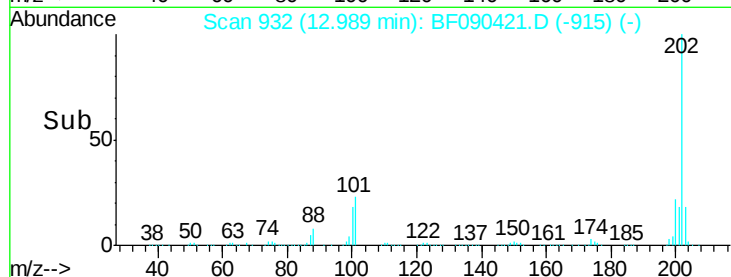
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.5	27.7
203	18.4	15.0	22.6

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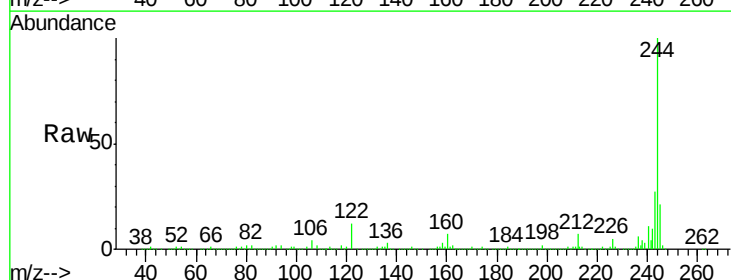


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

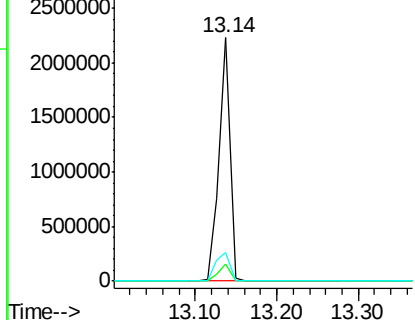
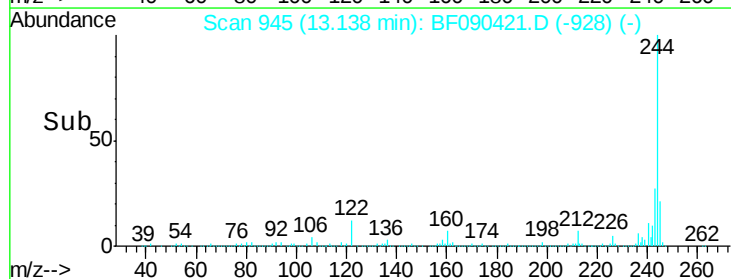


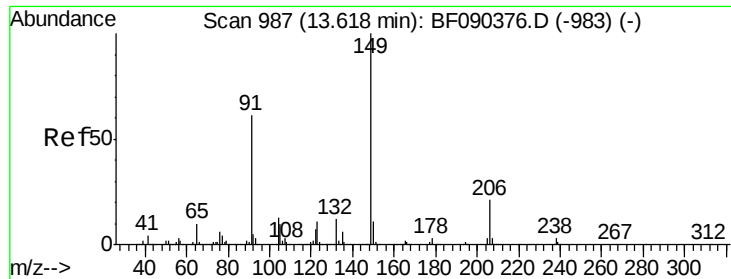
#78
Terphenyl-d14
Concen: 87.80 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.8	10.2
122	11.7	13.3	19.9#



Abundance Ion 244.00 (243.70 to 244.70): E
3000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.38 ng

RT: 13.61 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

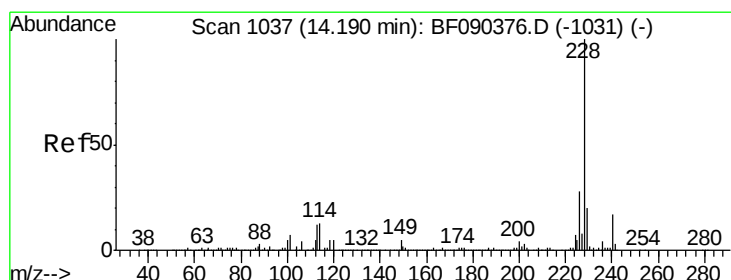
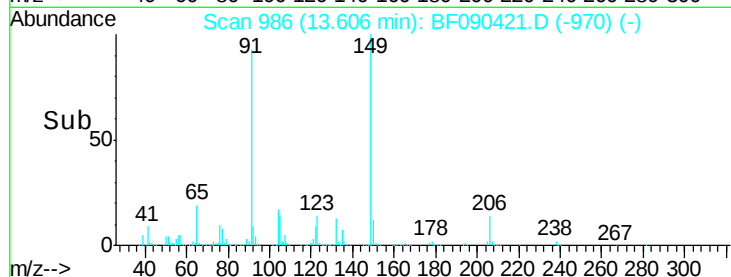
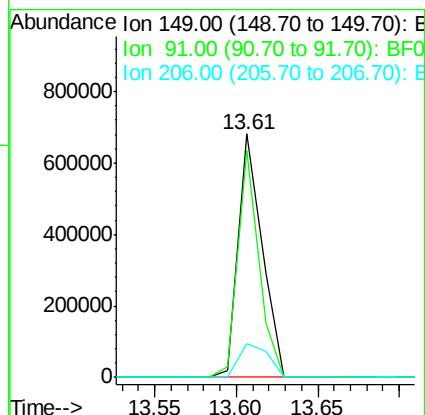
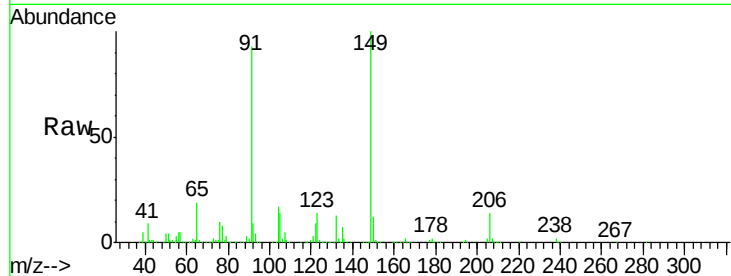
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	683764
Ion Ratio	Lower	Upper	
149	100		
91	93.2	51.8	77.8#
206	13.8	18.0	27.0#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 40.03 ng

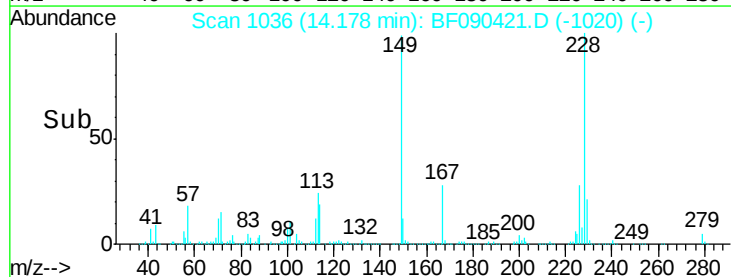
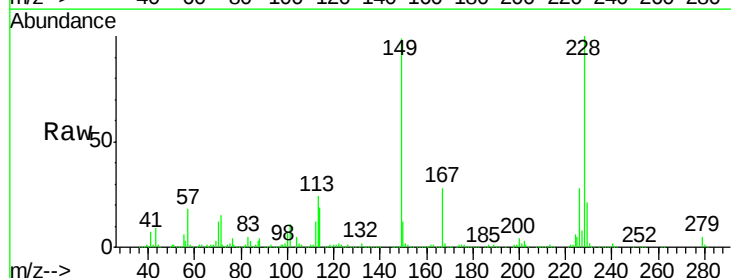
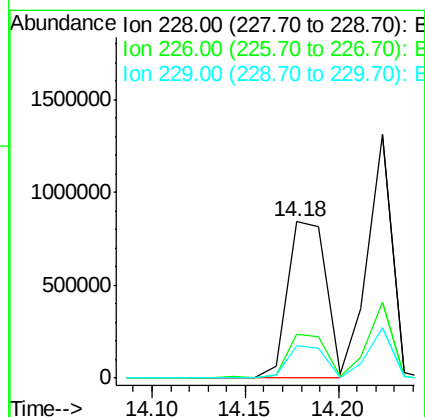
RT: 14.18 min Scan# 1036

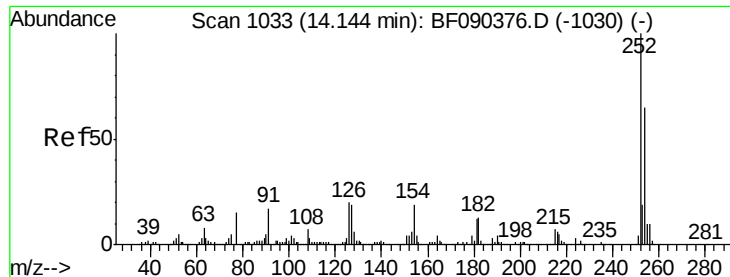
Delta R.T. -0.01 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Tgt Ion:	228	Resp:	1200913
Ion Ratio	Lower	Upper	
228	100		
226	27.9	23.6	35.4
229	20.7	16.6	25.0





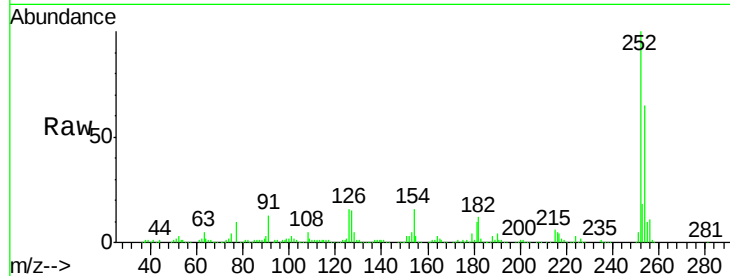
#81
 3,3'-Dichlorobenzidine
 Concen: 41.39 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

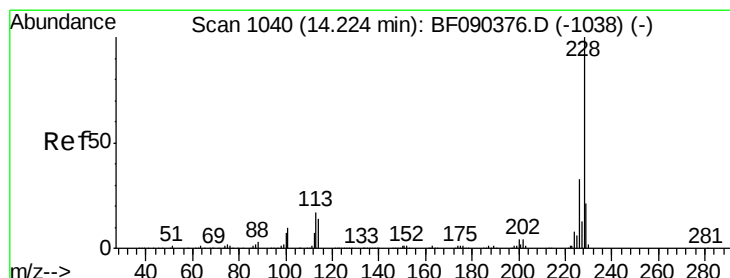
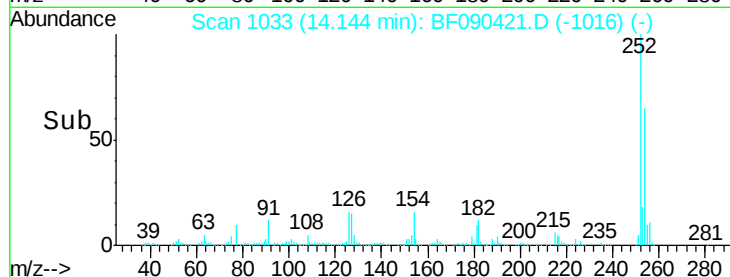
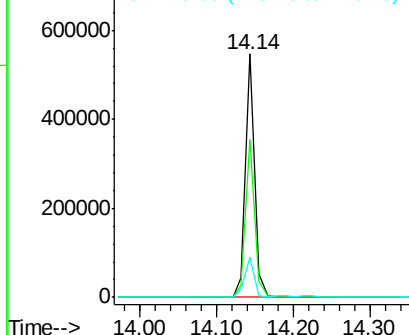
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	16.3	4.2	6.4

Manual Integrations
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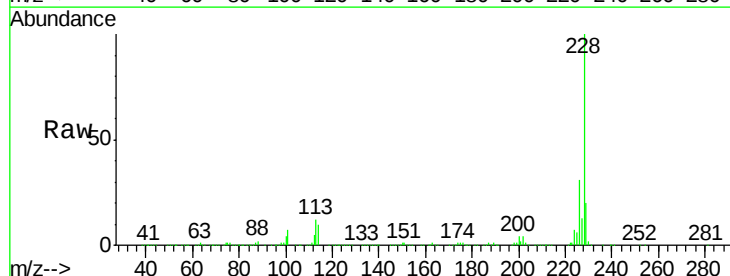


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

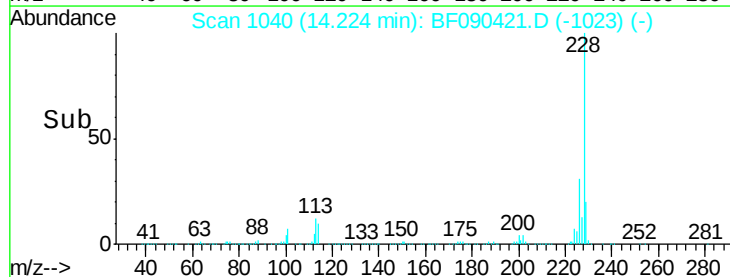
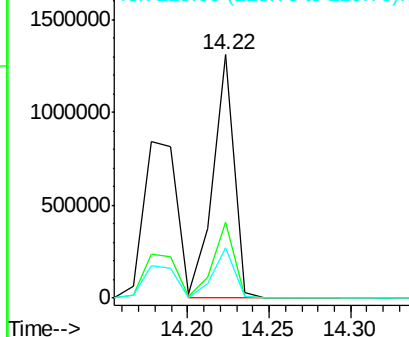


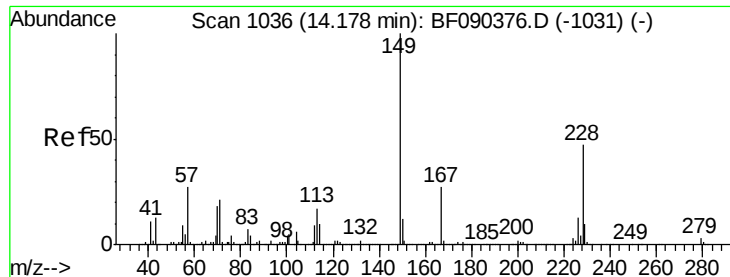
#82
 Chrysene
 Concen: 42.83 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.6
229	20.5	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.22 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1019913

Ion Ratio Lower Upper

149 100

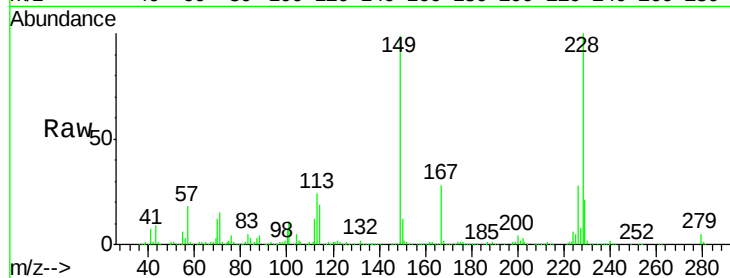
167 28.5 21.5 32.3

279 4.7 2.6 3.8#

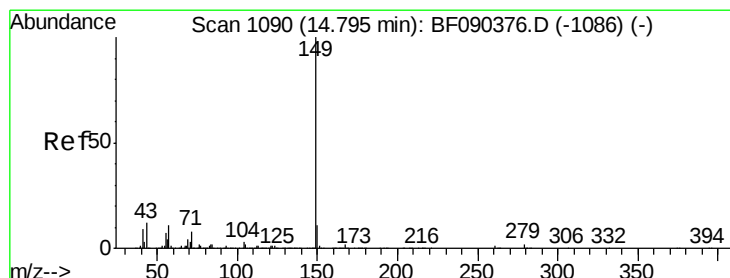
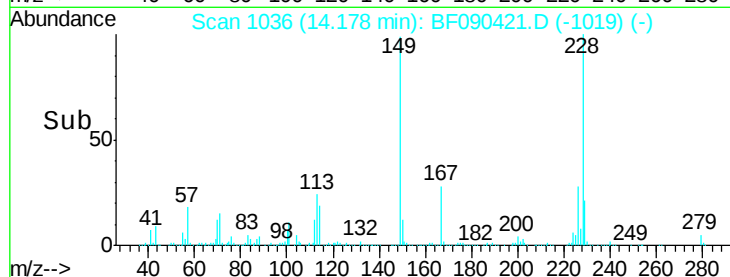
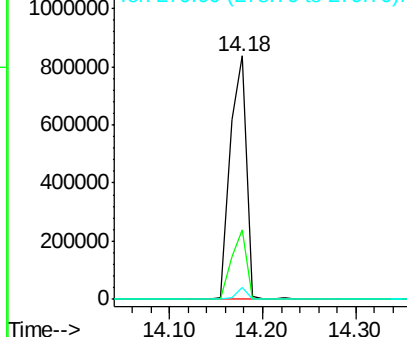
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.68 ng

RT: 14.80 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

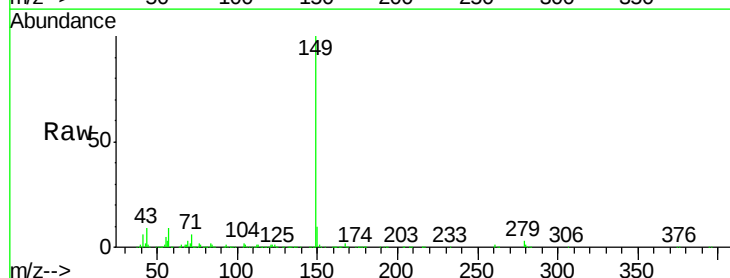
Tgt Ion:149 Resp: 1683984

Ion Ratio Lower Upper

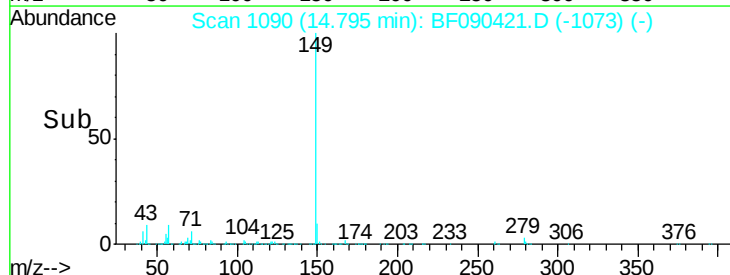
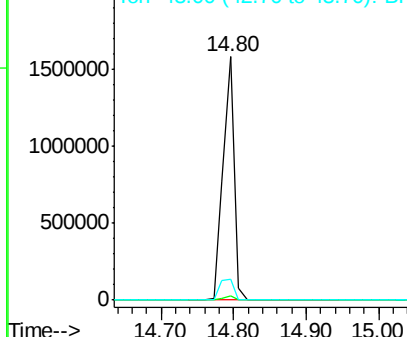
149 100

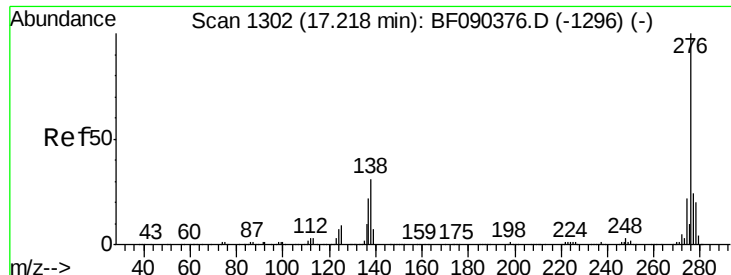
167 1.5 1.3 1.9

43 11.2 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





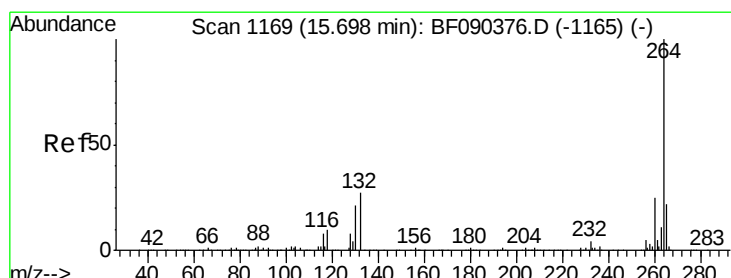
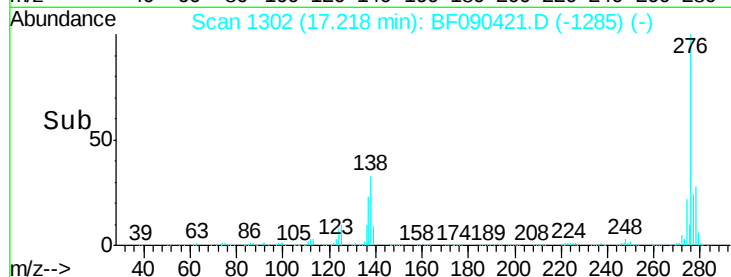
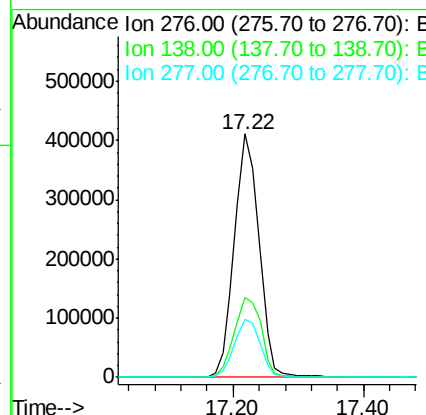
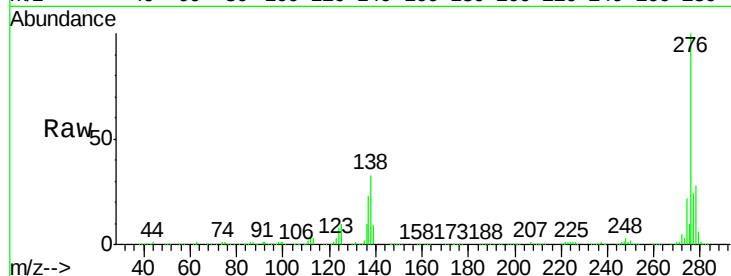
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.87 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.8	23.8	35.8#
277	25.1	20.4	30.6

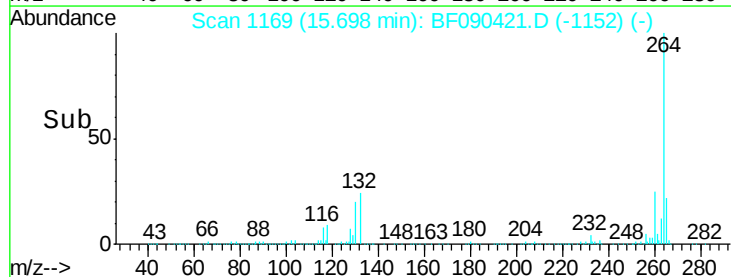
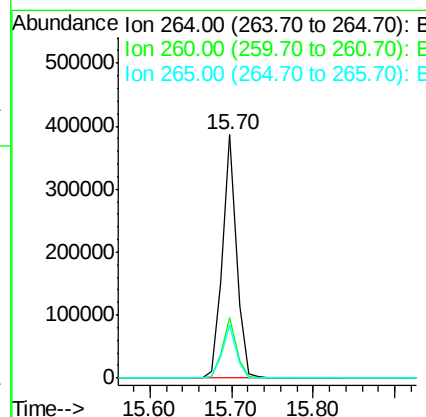
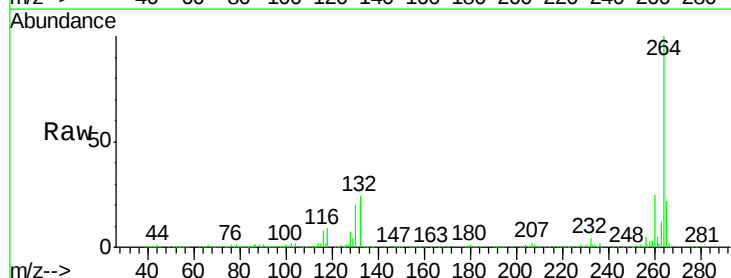
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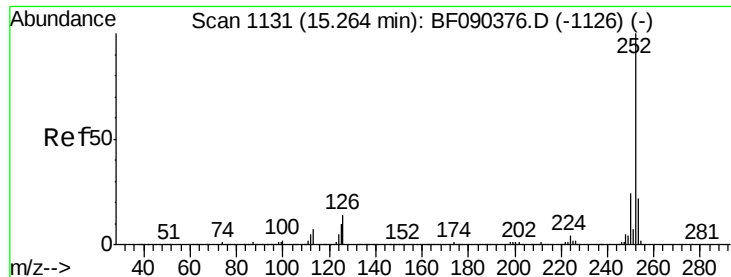
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 41.30 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090421.D

Acq: 6 Oct 2016 11:59

Instrument :

BNA_F

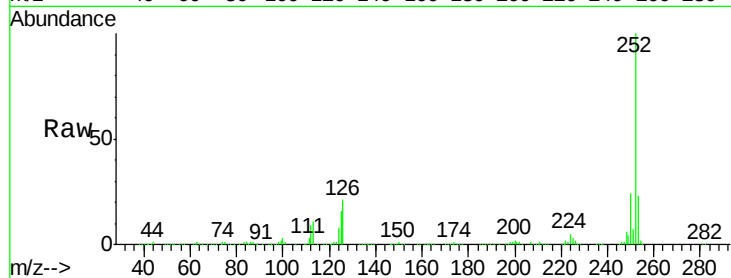
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	15.8	7.0	10.4

Manual Integrations
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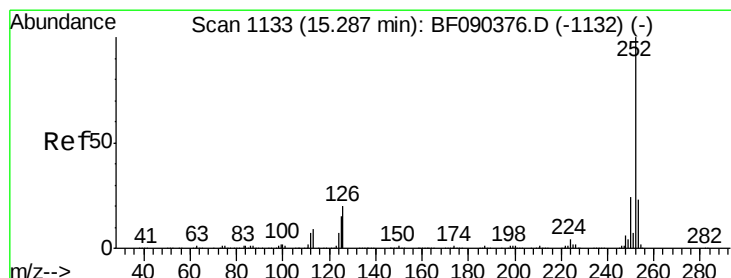
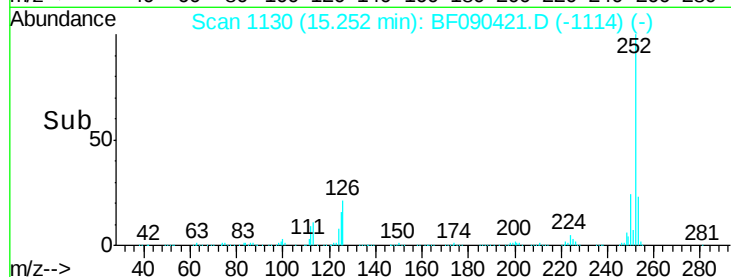
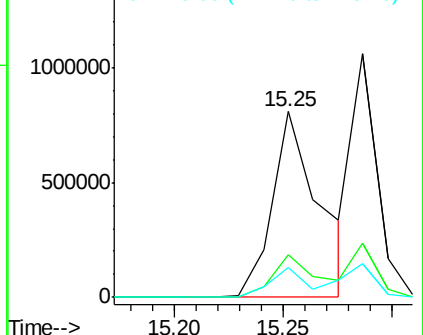
SOHIL
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 30.96 ng m

RT: 15.29 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF090421.D

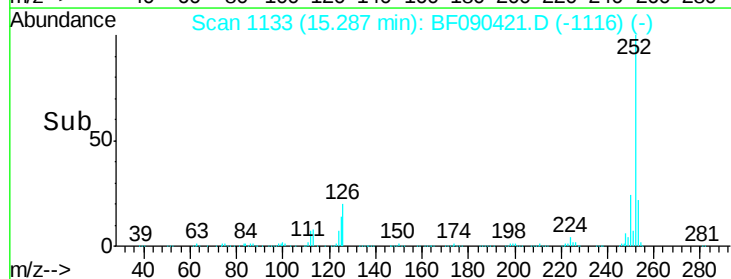
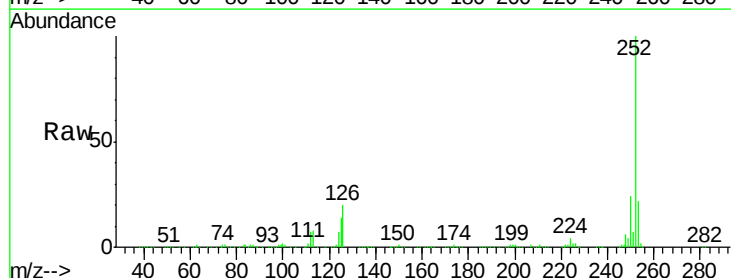
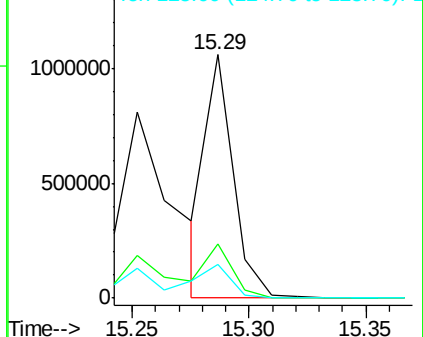
Acq: 6 Oct 2016 11:59

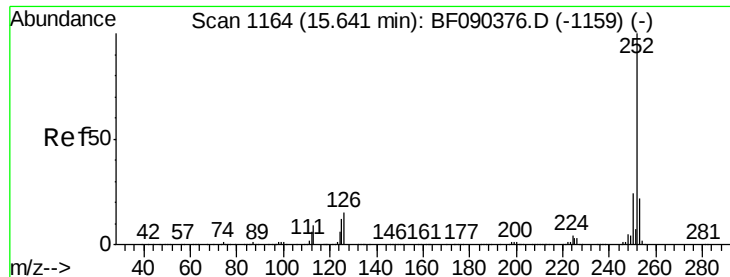
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	13.9	11.7	17.5

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





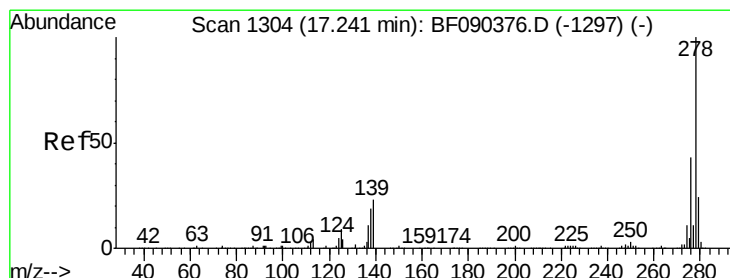
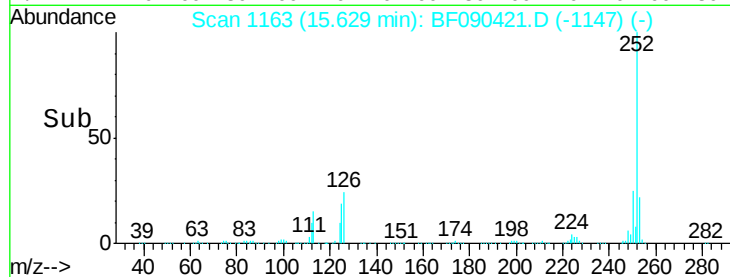
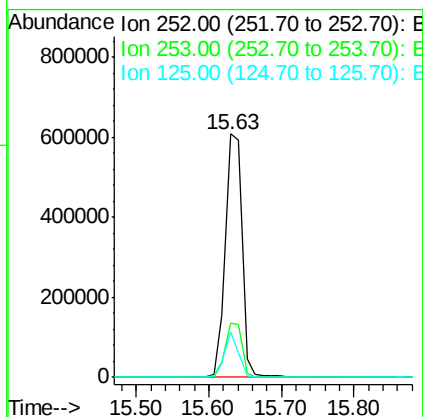
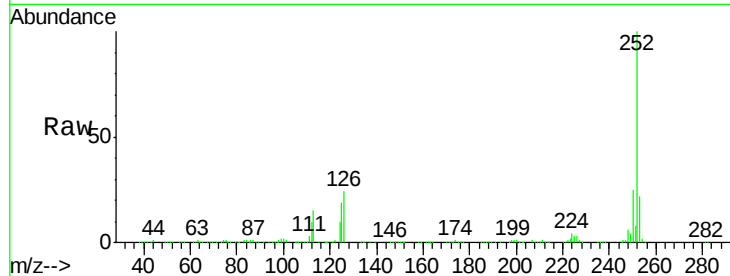
#89
Benzo(a)pyrene
Concen: 38.63 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	18.8	9.8	14.8

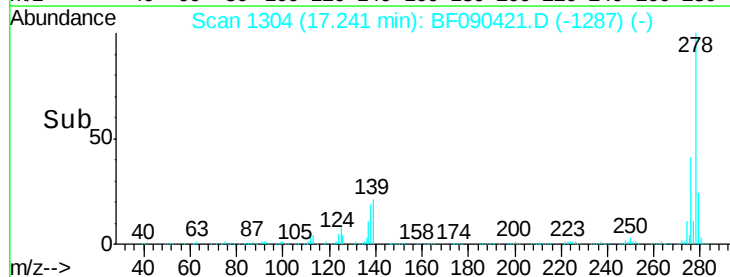
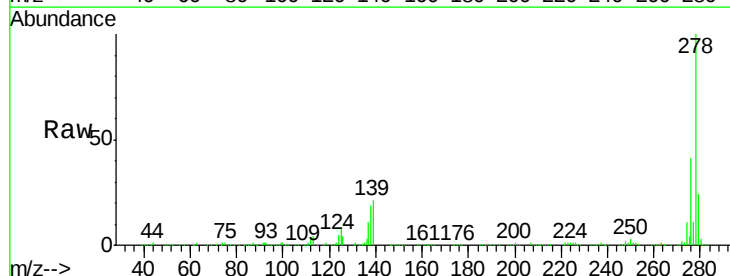
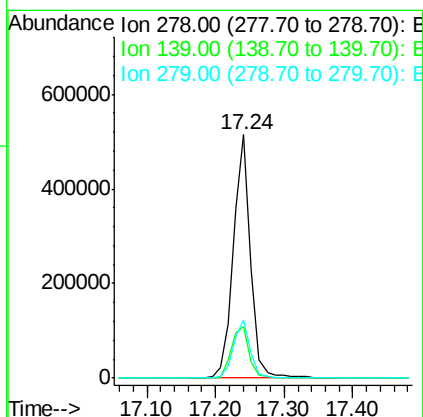
Manual Integrations
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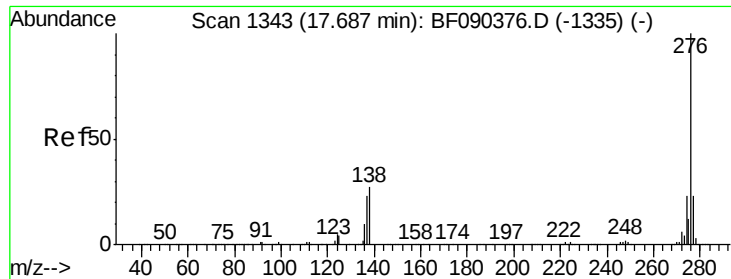
SOHIL
10/6/2016 5:28:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.66 ng
RT: 17.24 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF090421.D
Acq: 6 Oct 2016 11:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	12.8	19.2
279	23.9	19.6	29.4





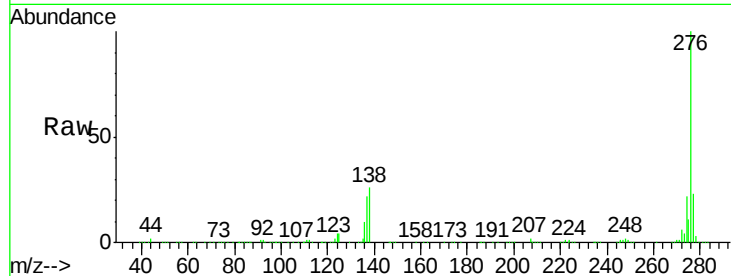
#91
 Benzo(a,h,i)perylene
 Concen: 40.47 ng
 RT: 17.69 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF090421.D
 Acq: 6 Oct 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	844679
Ion Ratio		Lower	Upper
276	100		
277	23.2	19.4	29.0
138	25.6	20.8	31.2

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:28:02 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

