

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090408.D
 Acq On : 6 Oct 2016 4:22
 Operator : UM/SJ
 Sample : PB93791BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:52 PM

Quant Time: Oct 06 06:52:41 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	244909	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1045315	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	514501	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	848567	20.00	ng	0.00
75) Chrysene-d12	14.20	240	632905	20.00	ng	0.00
86) Perylene-d12	15.70	264	433665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	2352112	143.34	ng	0.02
7) Phenol-d6	6.63	99	2901107	134.98	ng	0.01
23) Nitrobenzene-d5	7.57	82	2049649	95.38	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	766092	183.12	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3210713	103.97	ng	0.00
78) Terphenyl-d14	13.14	244	2720140	96.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	309115	38.21	ng	# 94
3) Pyridine	3.57	79	975877	43.27	ng	# 84
4) n-Nitrosodimethylamine	3.53	42	431635	46.38	ng	# 62
6) Aniline	6.67	93	809539	27.27	ng	98
8) 2-Chlorophenol	6.79	128	855168	47.36	ng	88
9) Benzaldehyde	6.54	77	355108	32.69	ng	87
10) Phenol	6.65	94	1308770	52.38	ng	96
11) bis(2-Chloroethyl)ether	6.74	93	855974	44.74	ng	92
12) 1,3-Dichlorobenzene	6.94	146	814671m	45.26	ng	
13) 1,4-Dichlorobenzene	7.02	146	901126	49.29	ng	97
14) 1,2-Dichlorobenzene	7.17	146	760483	43.17	ng	95
15) Benzyl Alcohol	7.14	79	858115	52.52	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1473679	45.42	ng	91
17) 2-Methylphenol	7.25	107	702129	47.28	ng	98
18) Hexachloroethane	7.51	117	337862	46.87	ng	# 88
19) n-Nitroso-di-n-propylamine	7.42	70	788865	50.05	ng	# 81
20) 3+4-Methylphenols	7.41	107	965074	50.20	ng	# 76
22) Acetophenone	7.41	105	1177552	47.56	ng	# 99
24) Nitrobenzene	7.58	77	931938	43.68	ng	96
25) Isophorone	7.83	82	1877343	47.78	ng	98
26) 2-Nitrophenol	7.90	139	427422	46.55	ng	# 77
27) 2,4-Dimethylphenol	7.94	122	770425	43.14	ng	94
28) bis(2-Chloroethoxy)methane	8.04	93	1210322	52.09	ng	98
29) 2,4-Dichlorophenol	8.14	162	607967	44.78	ng	87
30) 1,2,4-Trichlorobenzene	8.23	180	704331	50.34	ng	99
31) Naphthalene	8.31	128	2321444	46.03	ng	99
32) Benzoic acid	8.06	122	559725	45.09	ng	93
33) 4-Chloroaniline	8.36	127	250680	12.03	ng	# 91
34) Hexachlorobutadiene	8.44	225	359172	45.94	ng	98
35) Caprolactam	8.74	113	242635m	53.15	ng	
36) 4-Chloro-3-methylphenol	8.84	107	732889	43.11	ng	95
37) 2-Methylnaphthalene	9.01	142	1632949	53.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	629434	46.40	ng	# 98
40) Hexachlorocyclopentadiene	9.17	237	848707	114.14	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	471204m	50.34	nq	
43) 2,4,5-Trichlorophenol	9.33	196	451385m	51.00	nq	
45) 1,1'-Biphenyl	9.47	154	1808693	47.44	nq	93
46) 2-Chloronaphthalene	9.50	162	1507610	53.52	nq	96
47) 2-Nitroaniline	9.59	65	593686	53.41	nq	85
48) Acenaphthylene	9.91	152	2126162	45.75	nq	99
49) Dimethylphthalate	9.78	163	1697513	51.52	nq	99
50) 2,6-Dinitrotoluene	9.83	165	386094	52.78	nq	92
51) Acenaphthene	10.09	154	1508891	52.07	nq	99
52) 3-Nitroaniline	9.99	138	185009	21.65	nq	82
53) 2,4-Dinitrophenol	10.11	184	389697	119.48	nq	# 84
54) Dibenzofuran	10.27	168	2025716	54.00	nq	96
55) 4-Nitrophenol	10.17	139	769799	102.95	nq	95
56) 2,4-Dinitrotoluene	10.25	165	513952	52.79	nq	96
57) Fluorene	10.60	166	1651054	52.37	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	371374	56.18	nq	# 85
59) Diethylphthalate	10.47	149	1646656	48.30	nq	# 92
60) 4-Chlorophenyl-phenylether	10.60	204	819761	57.19	nq	# 87
61) 4-Nitroaniline	10.62	138	416232	48.34	nq	95
62) Azobenzene	10.76	77	2284031	58.00	nq	90
64) 4,6-Dinitro-2-methylphenol	10.65	198	221276	39.69	nq	88
65) n-Nitrosodiphenylamine	10.71	169	1311826	46.13	nq	97
66) 4-Bromophenyl-phenylether	11.09	248	486645	58.51	nq	# 89
67) Hexachlorobenzene	11.16	284	491965	53.11	nq	# 89
68) Atrazine	11.24	200	367691	52.44	nq	98
69) Pentachlorophenol	11.35	266	597070	108.28	nq	98
70) Phenanthrene	11.57	178	2233959	51.41	nq	100
71) Anthracene	11.62	178	2267146	51.09	nq	99
72) Carbazole	11.78	167	2270237	55.07	nq	99
73) Di-n-butylphthalate	12.11	149	2698630	53.79	nq	99
74) Fluoranthene	12.76	202	1986698	46.61	nq	97
76) Benzidine	12.87	184	807476	48.52	nq	98
77) Pyrene	12.99	202	2151717	50.99	nq	99
79) Butylbenzylphthalate	13.61	149	1117089	51.59	nq	# 70
80) Benzo(a)anthracene	14.19	228	1884391	53.07	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	321195	24.95	nq	# 97
82) Chrysene	14.22	228	1692479	51.79	nq	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1590178	51.66	nq	# 96
84) Di-n-octyl phthalate	14.80	149	2327943	51.02	nq	# 92
85) Indeno(1,2,3-cd)pyrene	17.22	276	1360741	58.40	nq	# 94
87) Benzo(b)fluoranthene	15.25	252	1621248	58.69	nq	# 94
88) Benzo(k)fluoranthene	15.29	252	1142313m	44.02	nq	
89) Benzo(a)pyrene	15.64	252	1322171	55.53	nq	99
90) Dibenzo(a,h)anthracene	17.24	278	1166901	57.61	nq	# 93
91) Benzo(g,h,i)perylene	17.69	276	1097380	56.45	nq	97

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

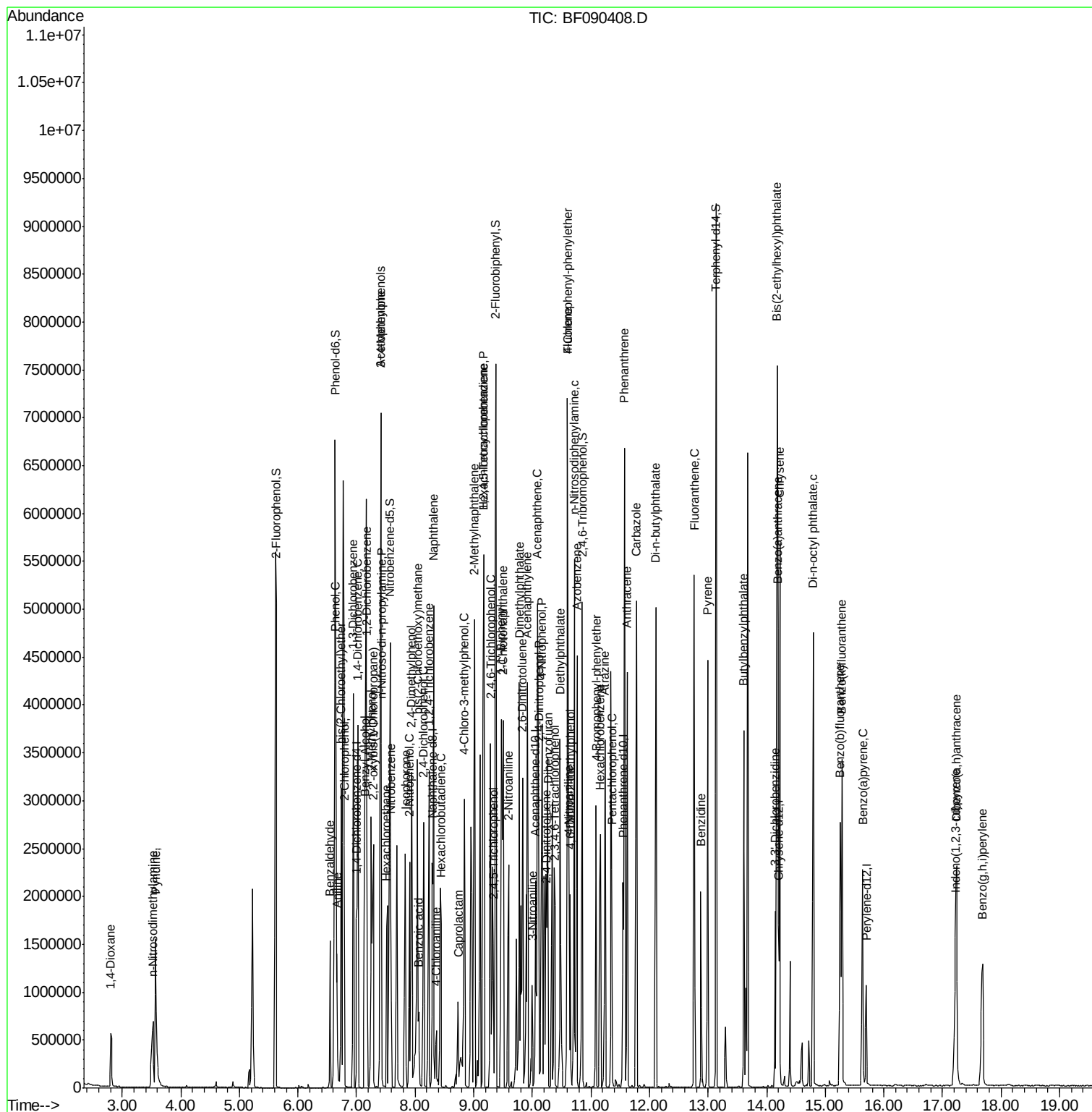
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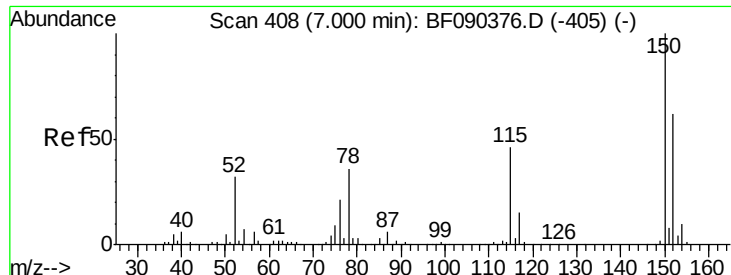
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

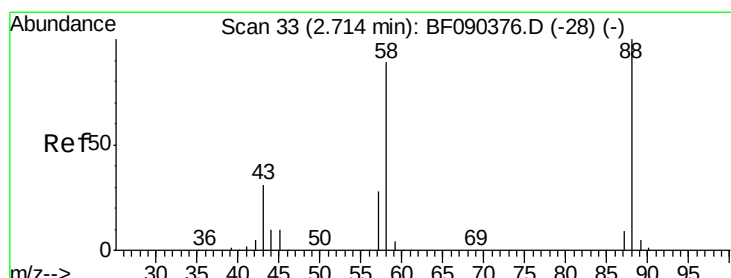
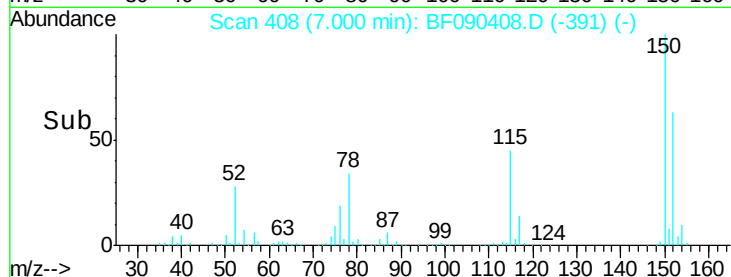
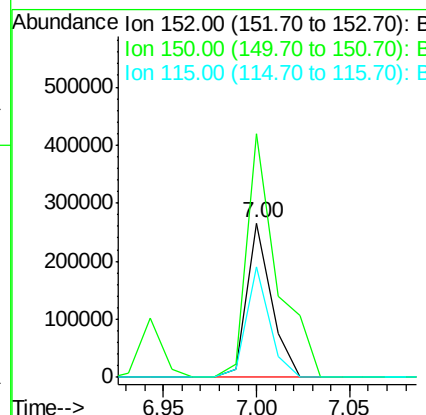
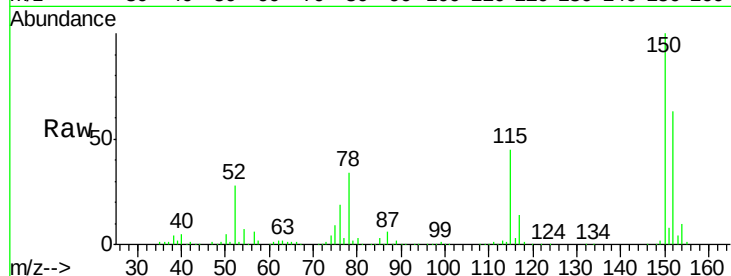
ClientSampled :

PB93791BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	71.2	46.2	69.4

Manual Integrations
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#2

1,4-Dioxane

Concen: 38.21 ng

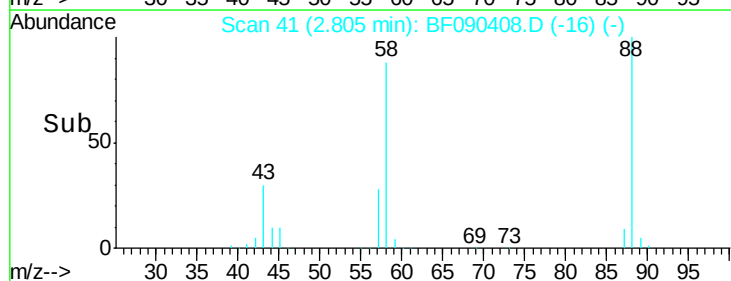
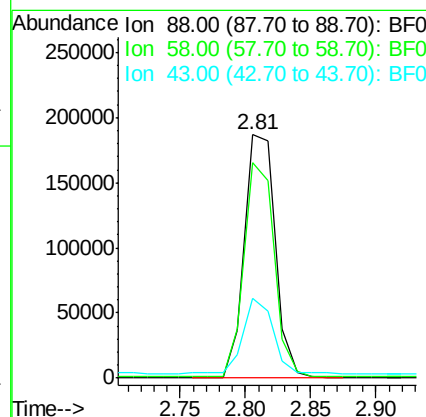
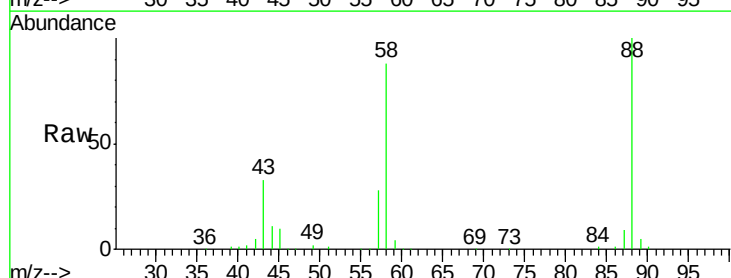
RT: 2.81 min Scan# 41

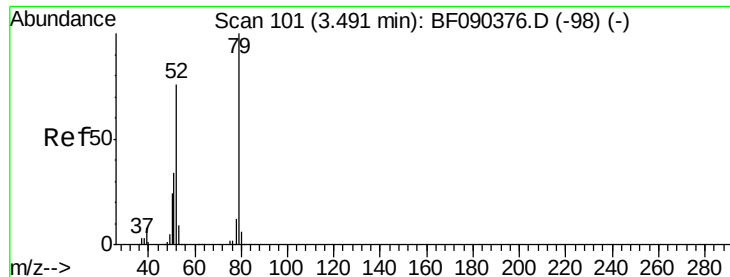
Delta R.T. 0.09 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.4	71.2	106.8
43	29.7	29.8	44.6





#3

Pvridine

Concen: 43.27 ng

RT: 3.57 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

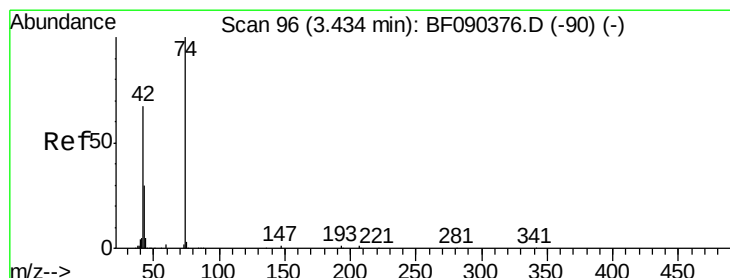
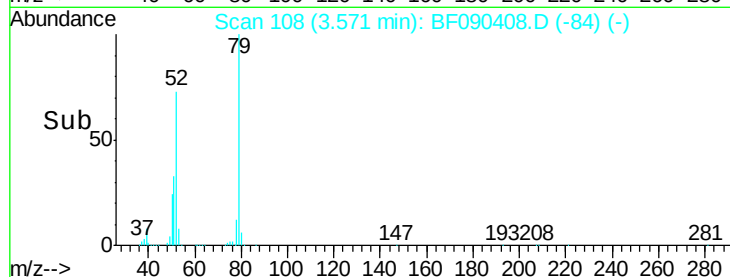
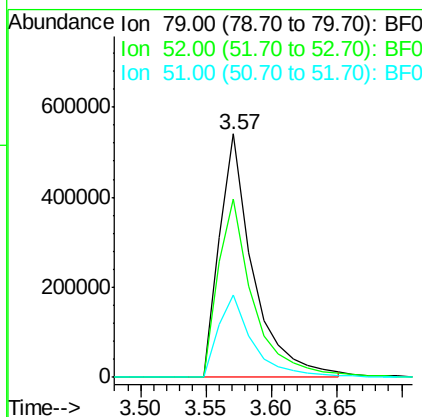
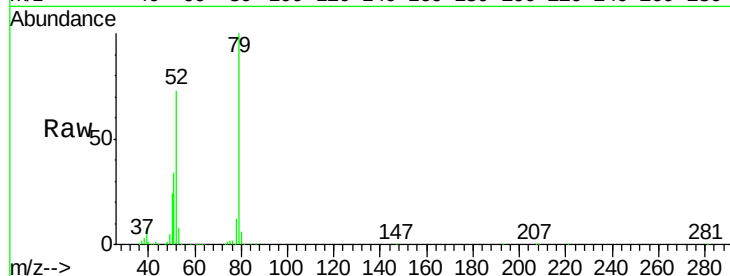
ClientSampleId :

PB93791BS

Tot Ion:	79	Resp:	975877
Ion Ratio	Lower	Upper	
79	100		
52	73.5	71.3	106.9
51	33.6	34.5	51.7#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.38 ng

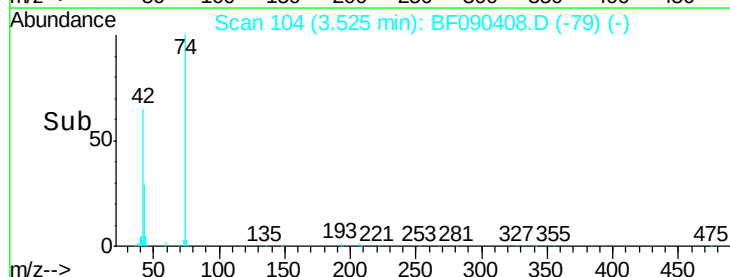
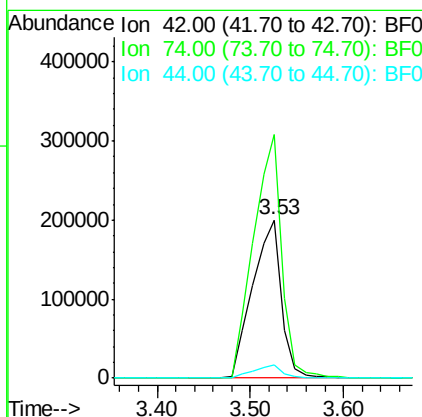
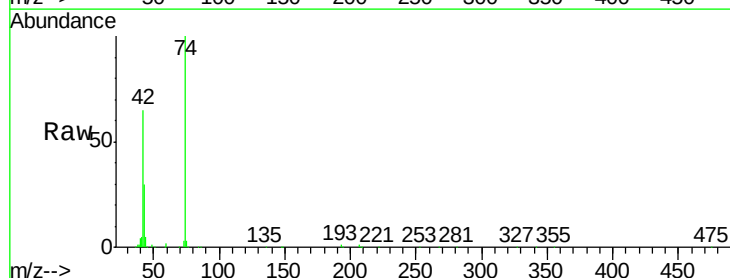
RT: 3.53 min Scan# 104

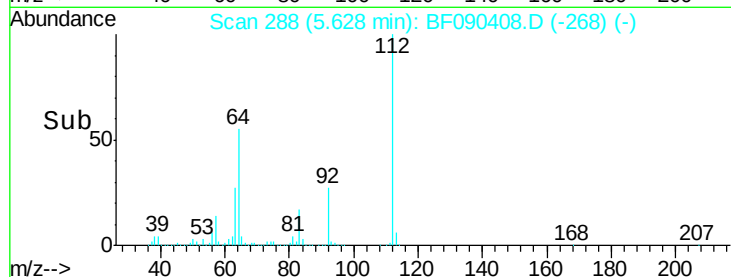
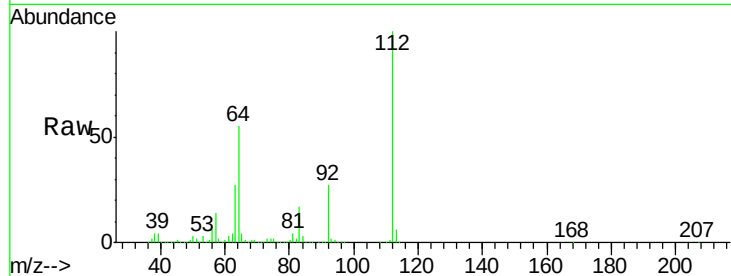
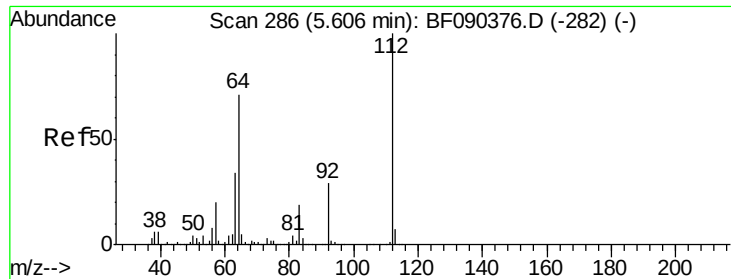
Delta R.T. 0.09 min

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Tgt Ion:	42	Resp:	431635
Ion Ratio	Lower	Upper	
42	100		
74	154.0	88.9	133.3#
44	8.1	6.5	9.7





#5

2-Fluorophenol

Concen: 143.34 ng

RT: 5.63 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tot Ion:112 Resp: 2352112

Ion Ratio Lower Upper

112 100

64 55.1 57.9 86.9#

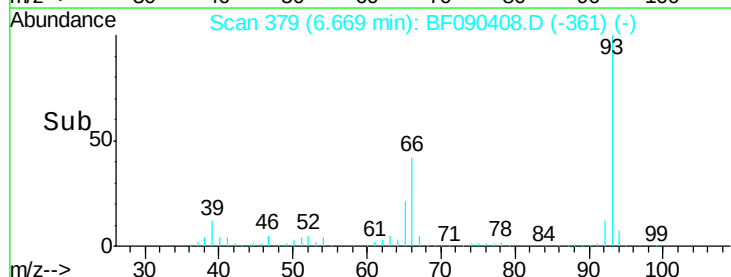
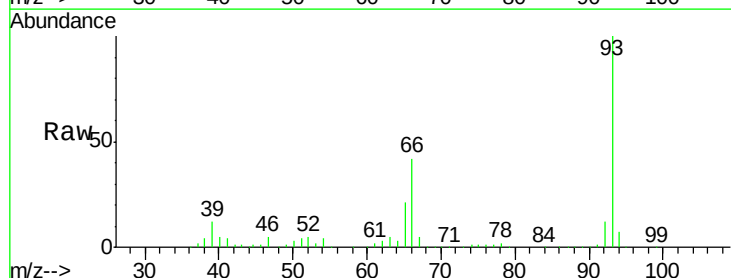
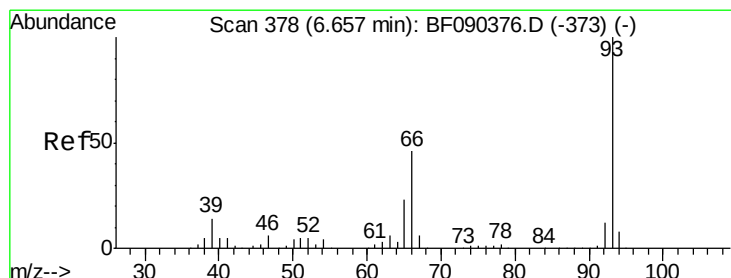
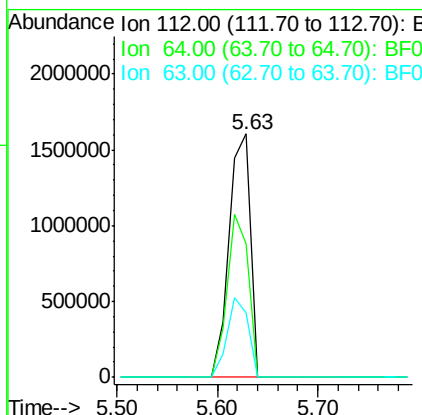
63 26.5 29.6 44.4#

Manual Integrations

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#6

Aniline

Concen: 27.27 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

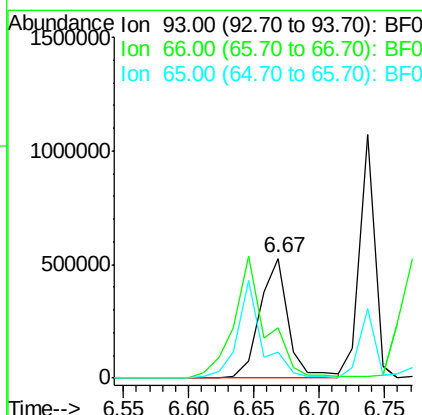
Tgt Ion: 93 Resp: 809539

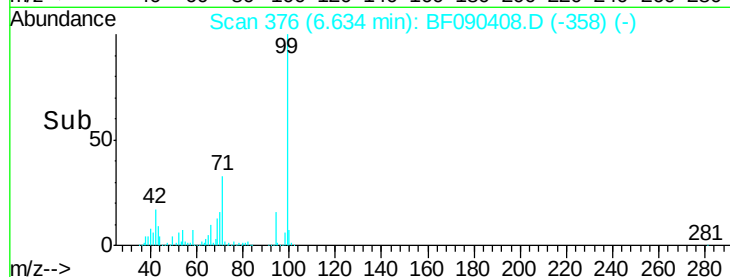
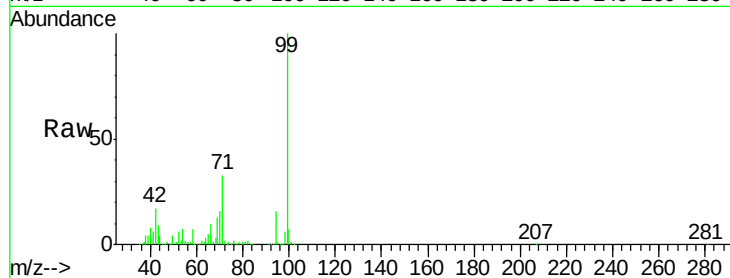
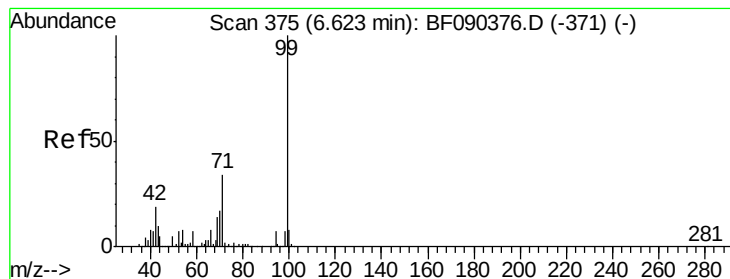
Ion Ratio Lower Upper

93 100

66 42.0 34.5 51.7

65 21.3 18.2 27.2





#7

Phenol-d6

Concen: 134.98 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tot Ion: 99 Resp: 2901107

Ion Ratio Lower Upper

99 100

42 16.7 20.0 30.0#

71 33.0 27.9 41.9

Instrument :

BNA_F

ClientSampled :

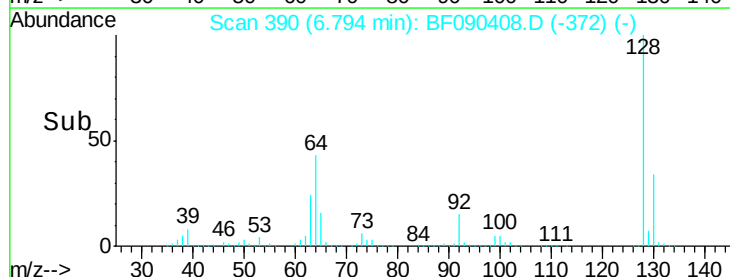
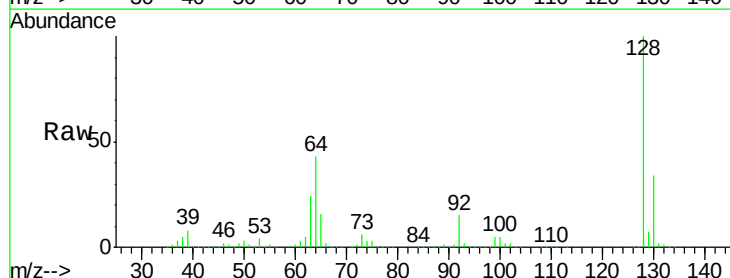
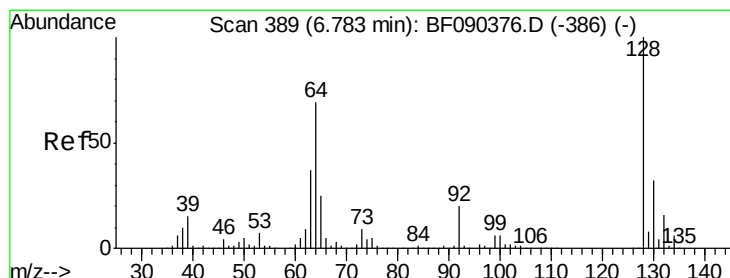
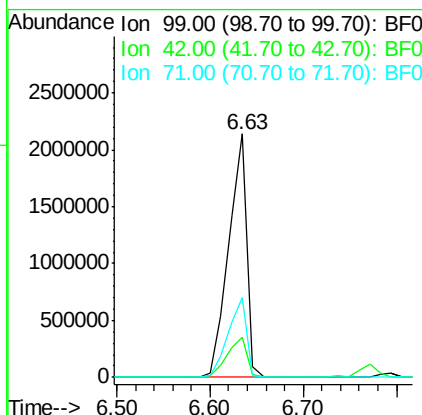
PB93791BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 47.36 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

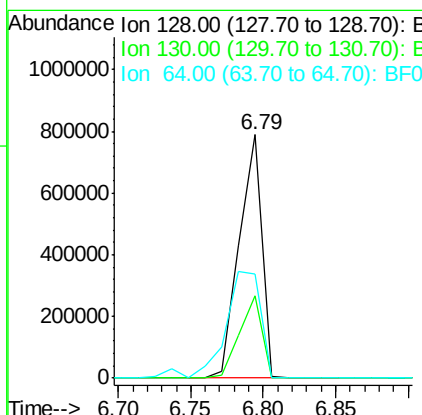
Tgt Ion: 128 Resp: 855168

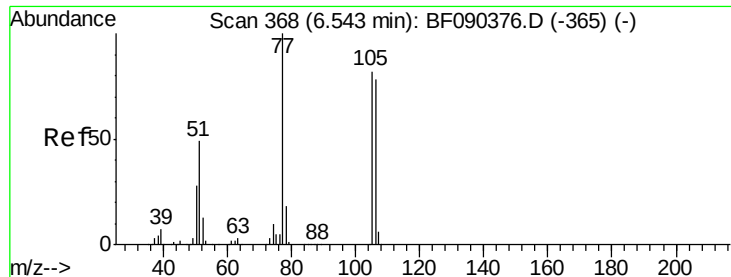
Ion Ratio Lower Upper

128 100

130 34.1 13.3 53.3

64 42.8 36.0 76.0





#9

Benzaldehyde

Concen: 32.69 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

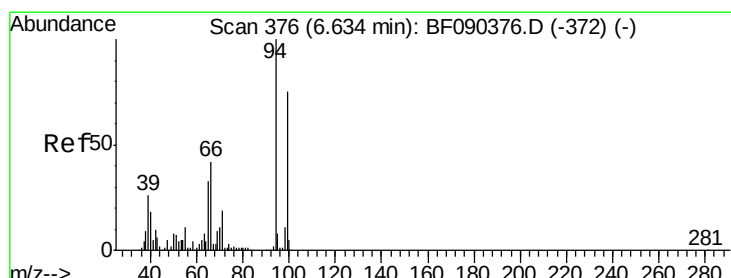
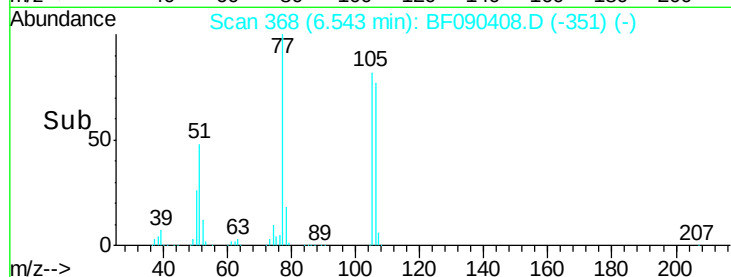
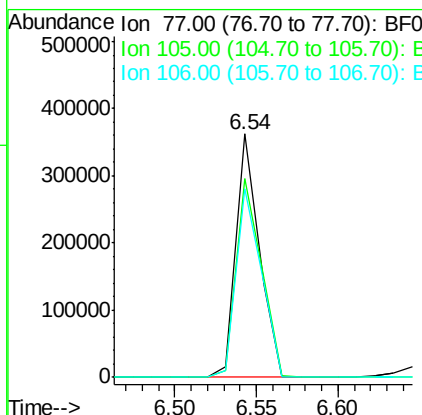
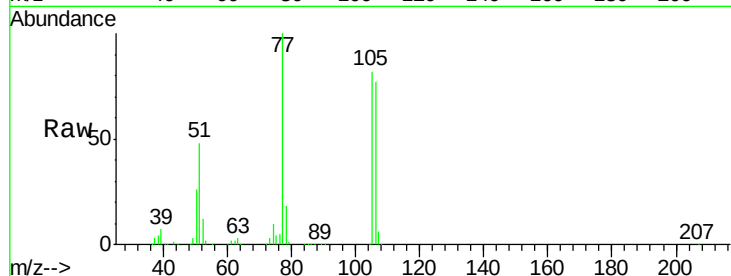
ClientSampleId :

PB93791BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	81.8	73.1	113.1
106	77.5	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 52.38 ng

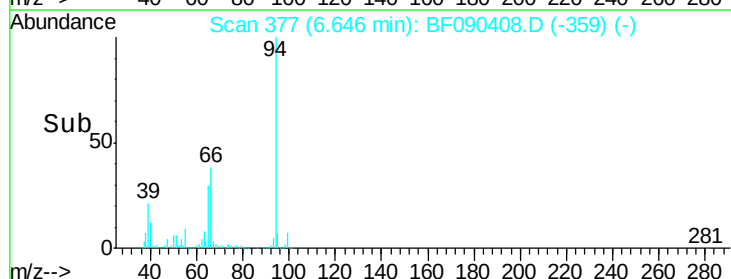
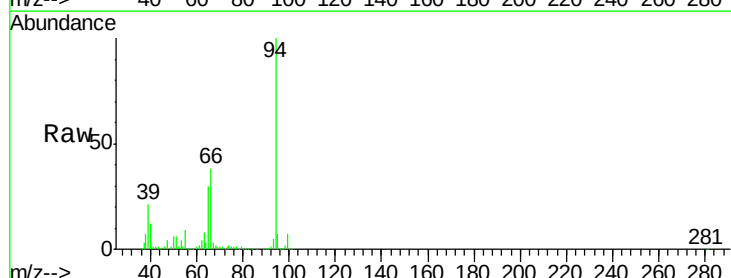
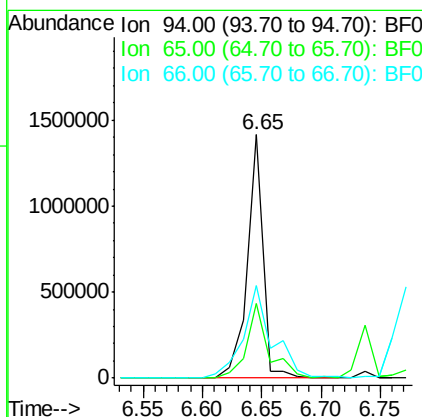
RT: 6.65 min Scan# 377

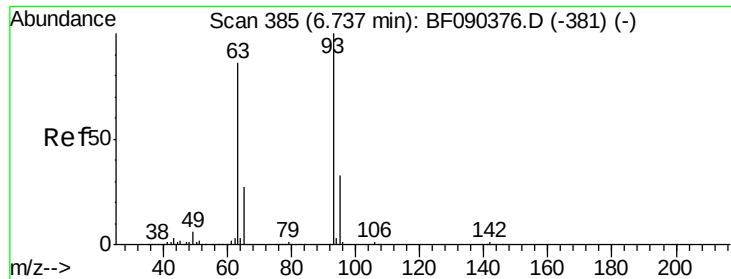
Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.5	13.3	53.3
66	38.0	20.4	60.4





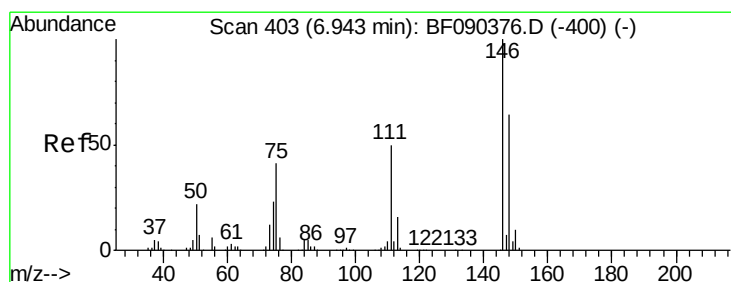
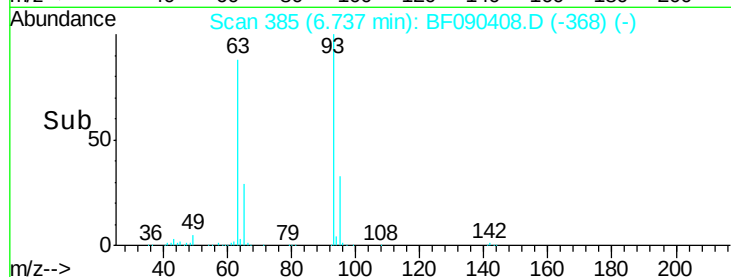
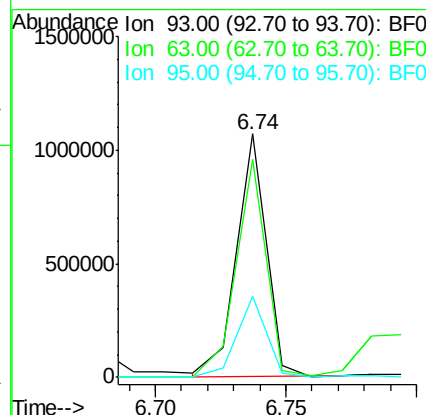
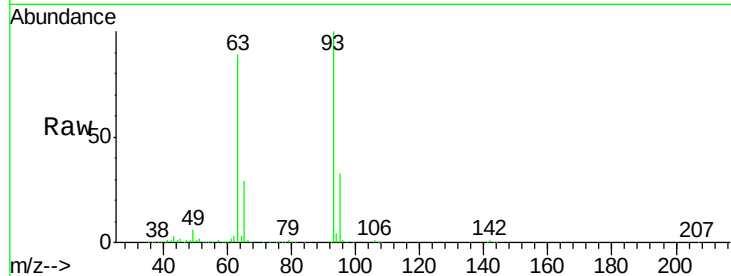
#11
bis(2-Chloroethyl)ether
Concen: 44.74 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampled :
PB93791BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	89.3	59.7	99.7	
95	33.3	14.0	54.0	

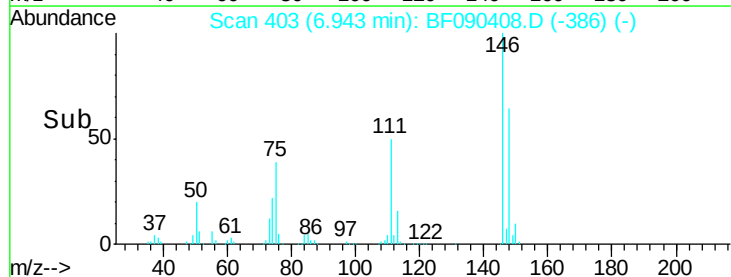
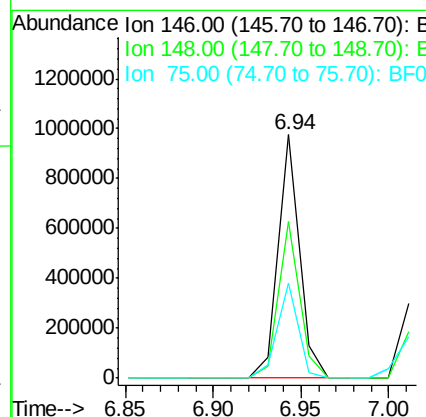
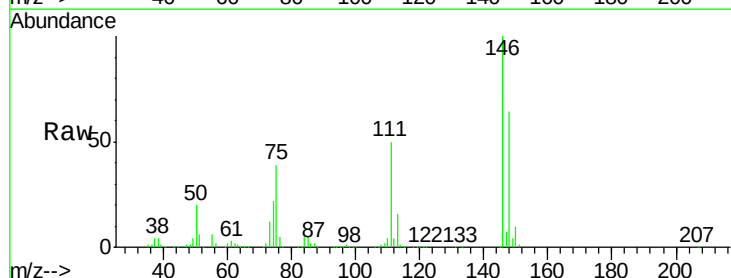
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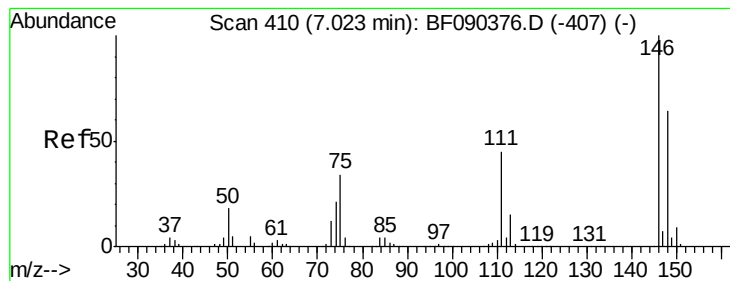
SOHIL
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#12
1,3-Dichlorobenzene
Concen: 45.26 ng m
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.1	52.2	78.4	
75	39.0	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 49.29 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

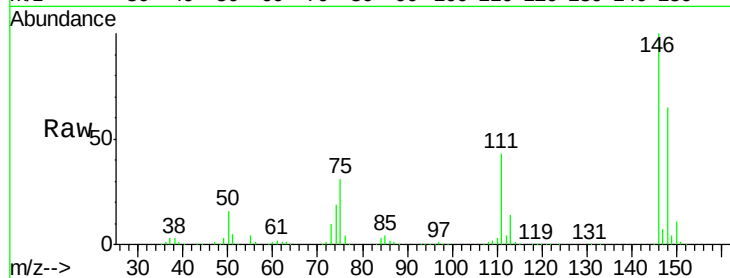
ClientSampled :

PB93791BS

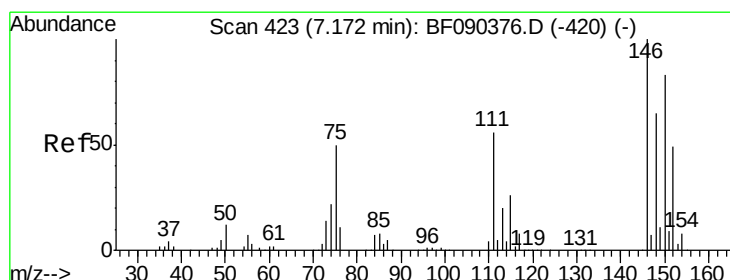
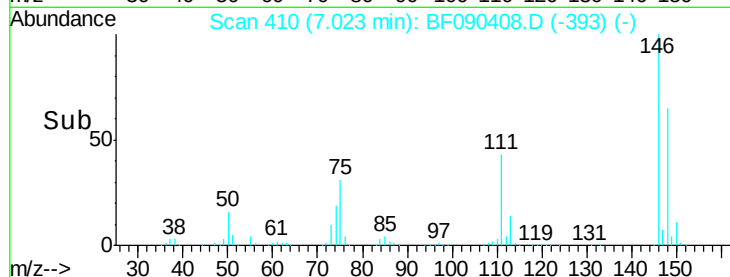
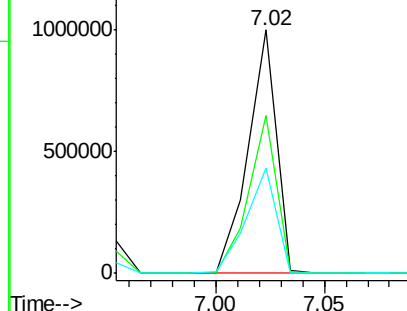
Tot Ion:	146	Resp:	901126
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.1	76.7
111	43.5	37.8	56.6

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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: 43.17 ng

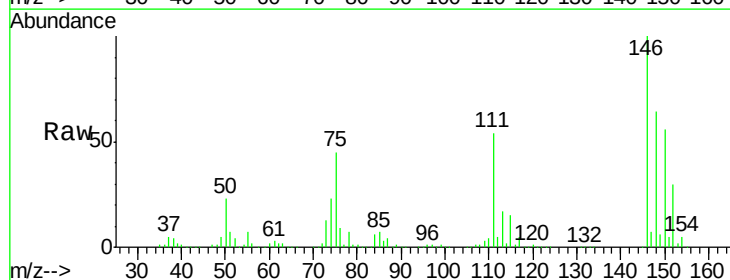
RT: 7.17 min Scan# 423

Delta R.T. -0.00 min

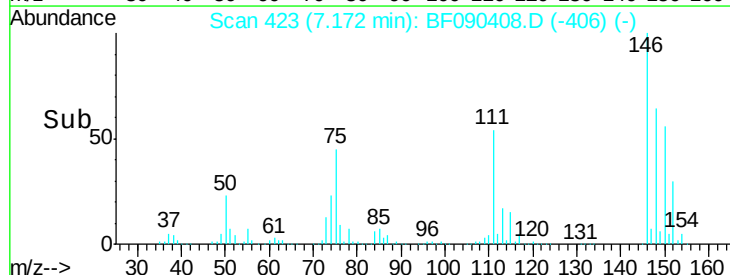
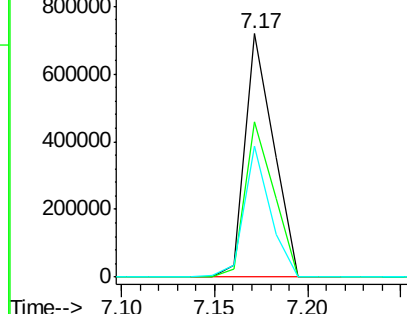
Lab File: BF090408.D

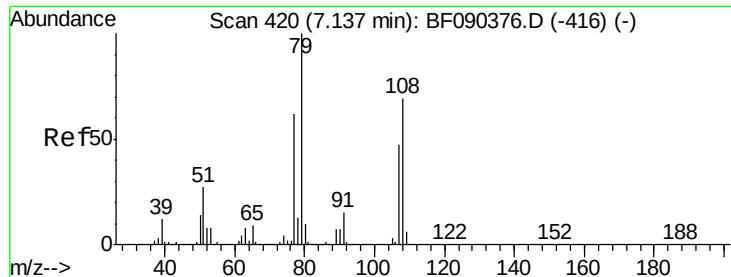
Acq: 6 Oct 2016 4:22

Tgt Ion:	146	Resp:	760483
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.3	78.5
111	53.5	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





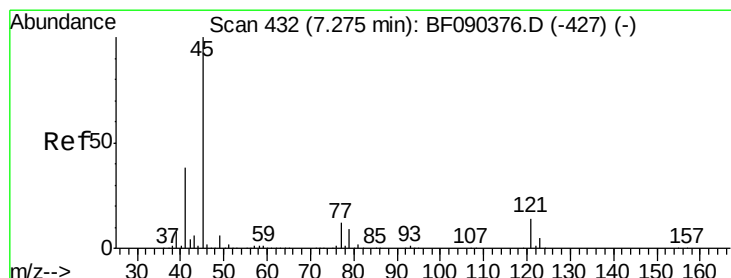
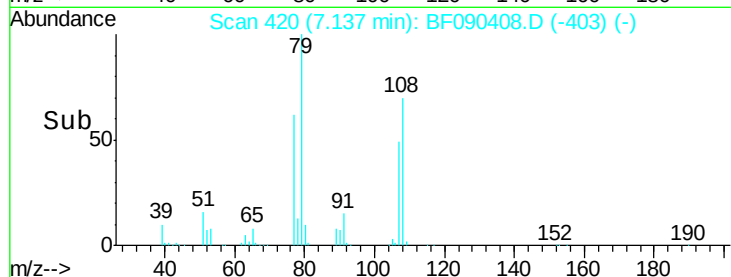
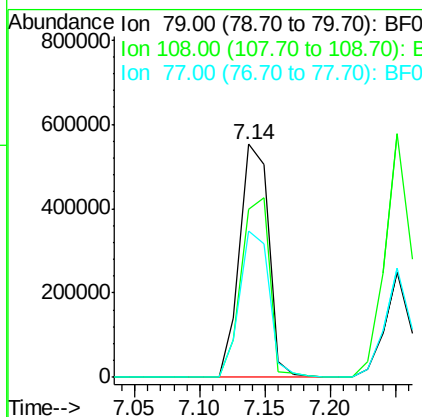
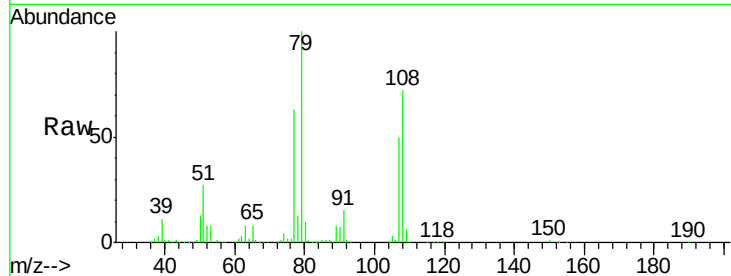
#15
Benzyl Alcohol
Concen: 52.52 ng
RT: 7.14 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.9	60.9	91.3
77	62.9	51.5	77.3

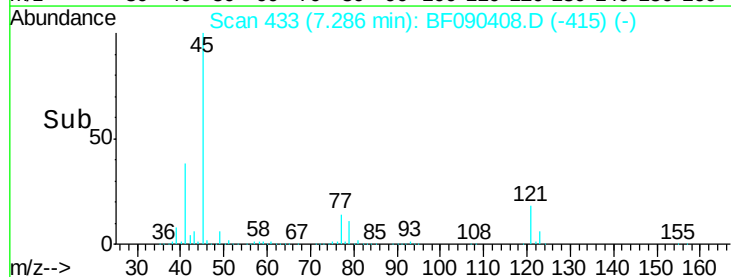
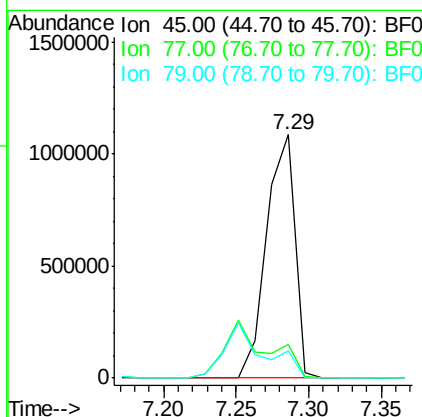
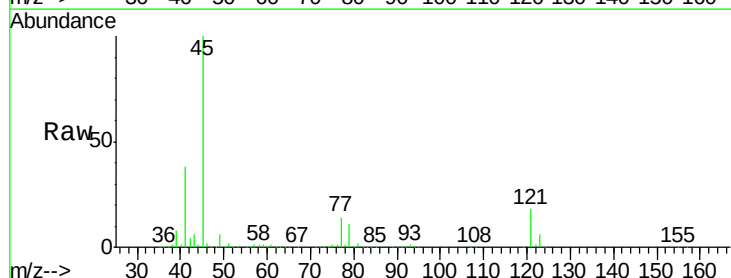
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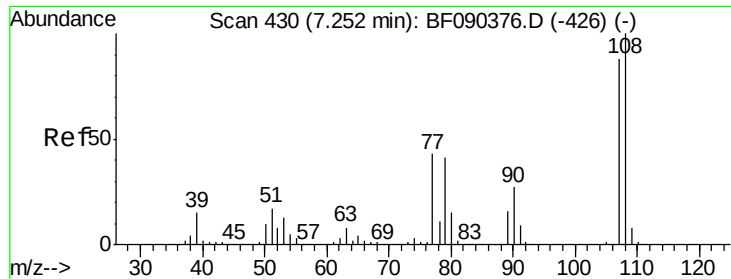
SOHIL
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.42 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	30.8
79	11.4	0.0	28.2





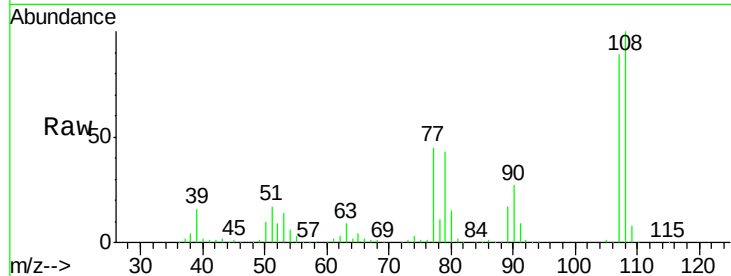
#17
2-Methylphenol
Concen: 47.28 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampled :
PB93791BS

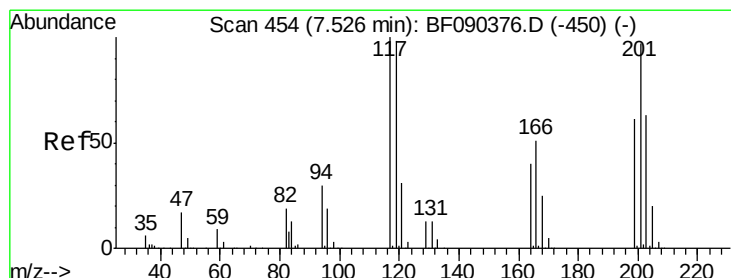
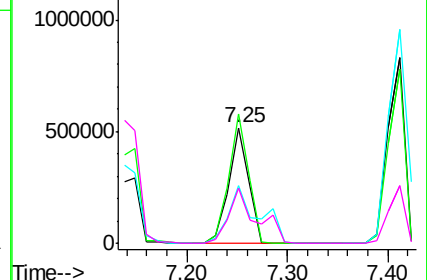
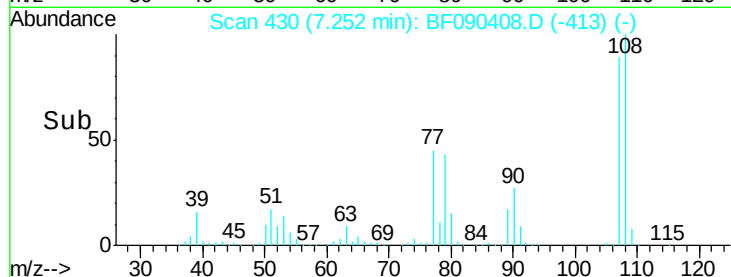
Tot Ion	Ratio	Resp	Lower	Upper
107	100	702129		
108	111.9	90.9	136.3	
77	50.3	38.2	57.4	
79	48.2	37.0	55.4	

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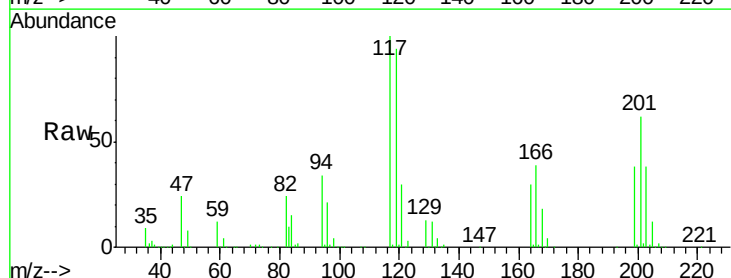


Abundance Ion 107.00 (106.70 to 107.70): E
1500000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

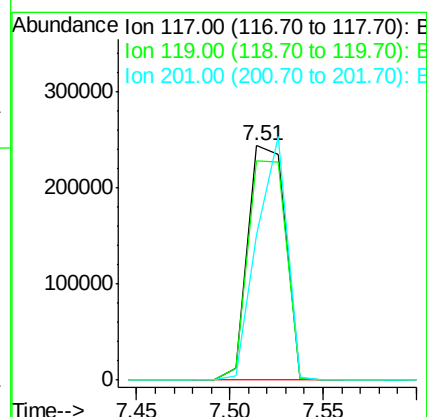
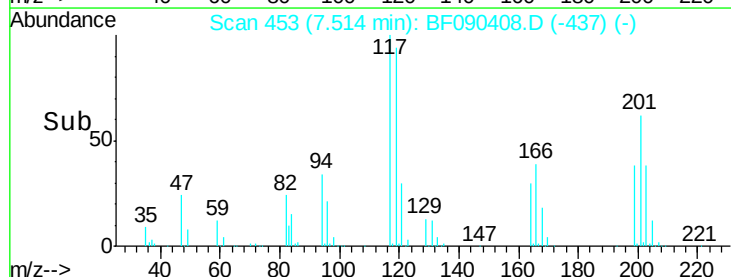


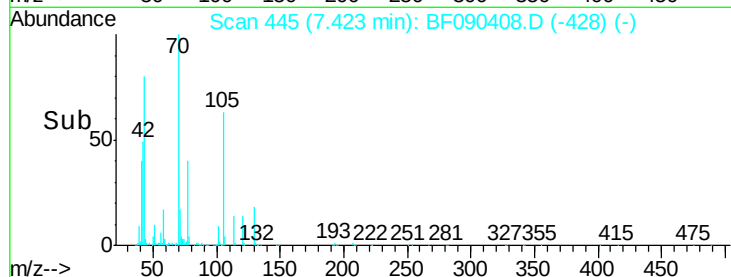
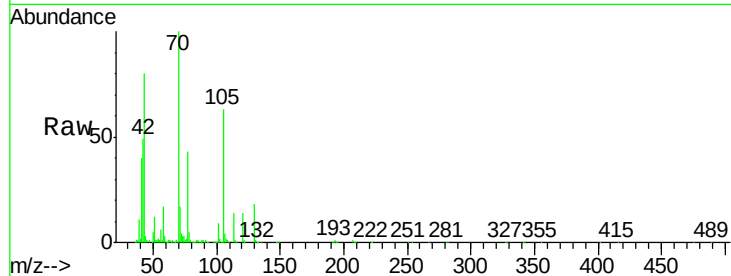
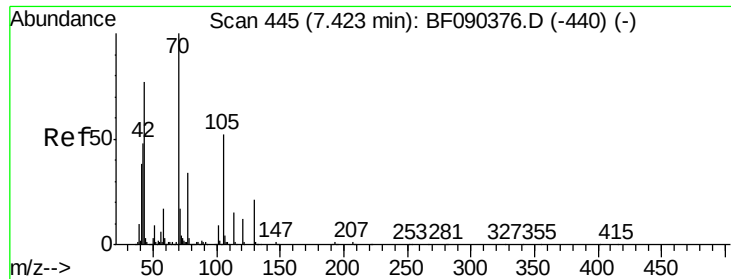
#18
Hexachloroethane
Concen: 46.87 ng
RT: 7.51 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	337862		
119	93.8	75.9	113.9	
201	61.8	66.5	99.7#	



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





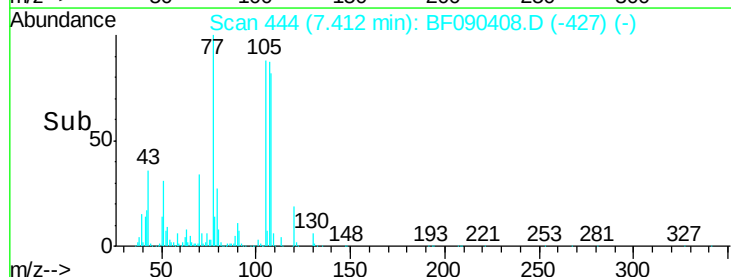
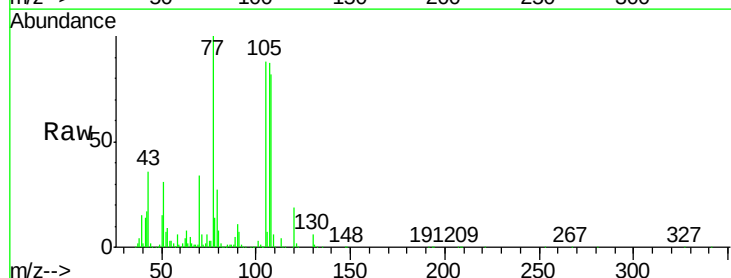
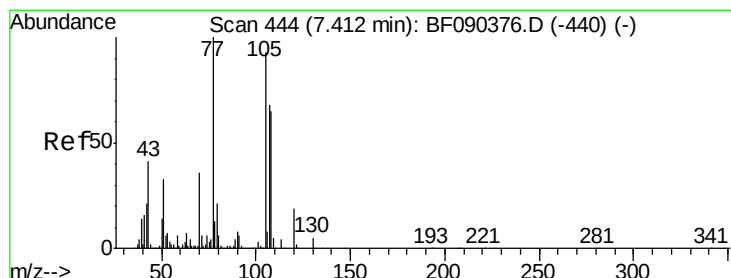
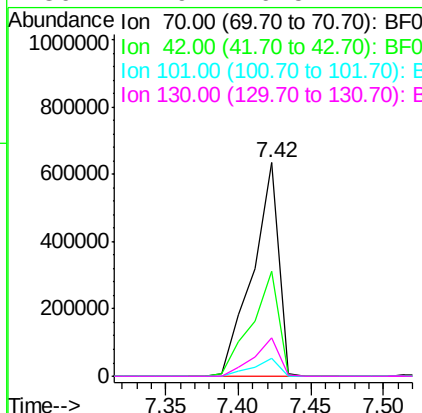
#19
n-Nitroso-di-n-propylamine
Concen: 50.05 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.0	55.4	83.2#
101	8.6	7.6	11.4
130	17.9	16.5	24.7

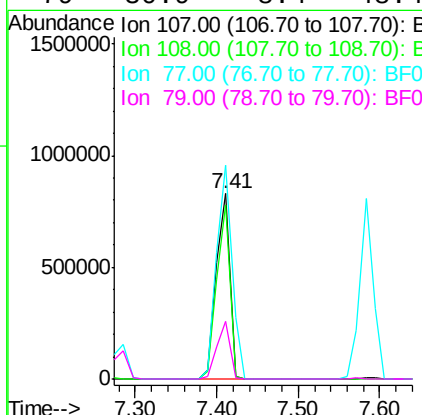
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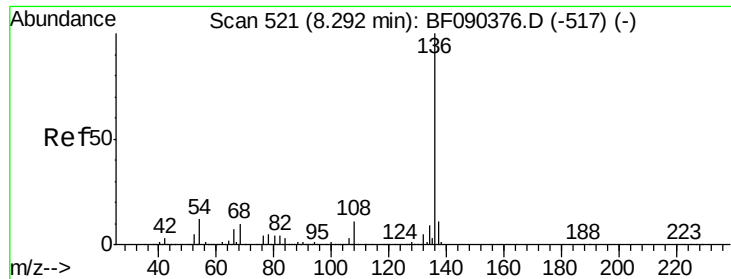
SOHIL
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#20
3+4-Methylphenols
Concen: 50.20 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	66.7	106.7
77	115.2	53.7	93.7#
79	30.9	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: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tot Ion:136 Resp: 1045315

Ion Ratio Lower Upper

136 100

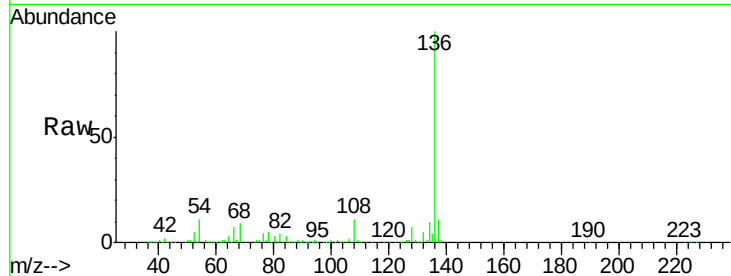
137 11.3 9.0 13.6

54 10.7 6.6 10.0#

68 9.1 5.0 7.6#

Manual Integrations
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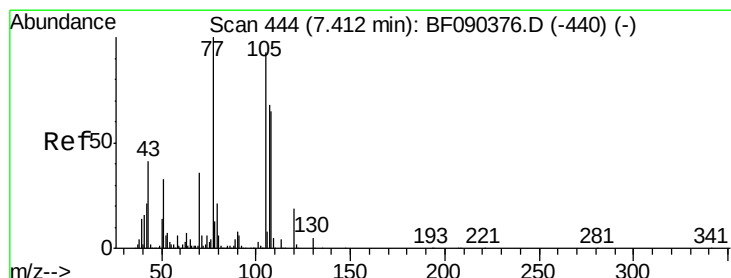
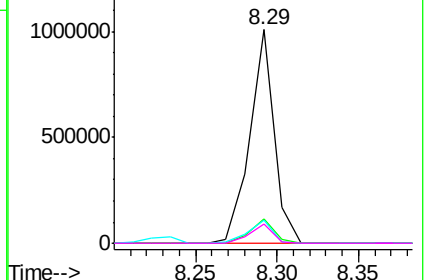
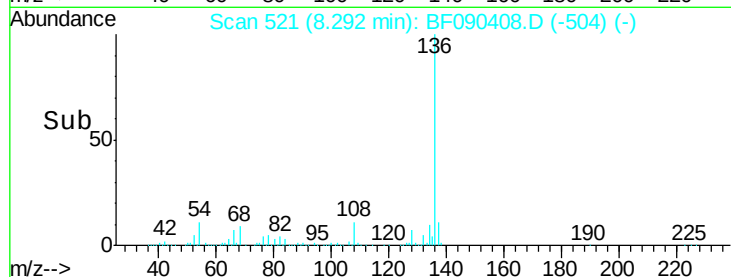
Abundance

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: 47.56 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tgt Ion:105 Resp: 1177552

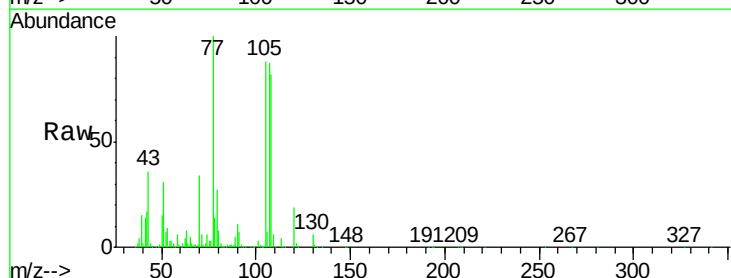
Ion Ratio Lower Upper

105 100

71 6.5 3.8 5.6#

51 35.6 28.2 42.4

120 21.3 17.4 26.2



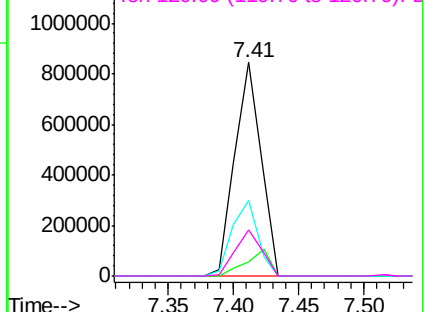
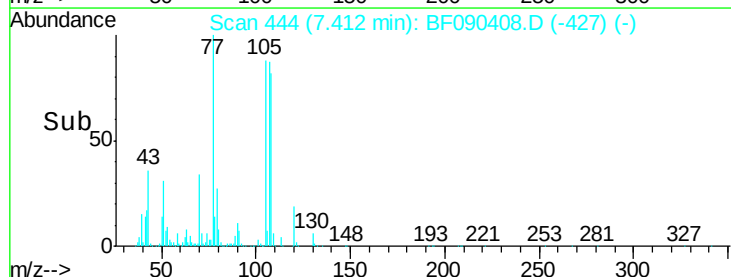
Abundance

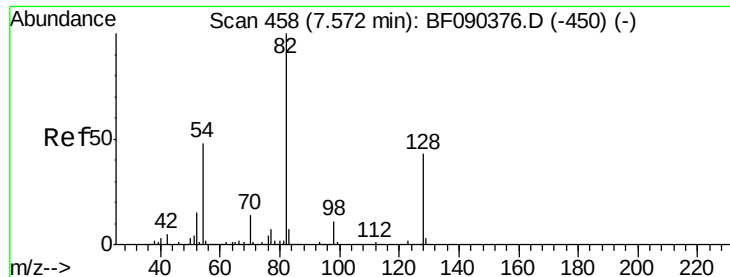
Ion 105.00 (104.70 to 105.70): E

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





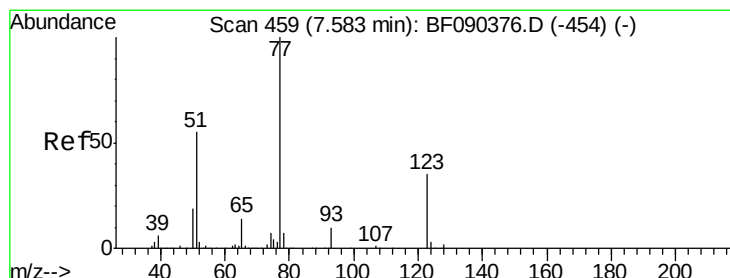
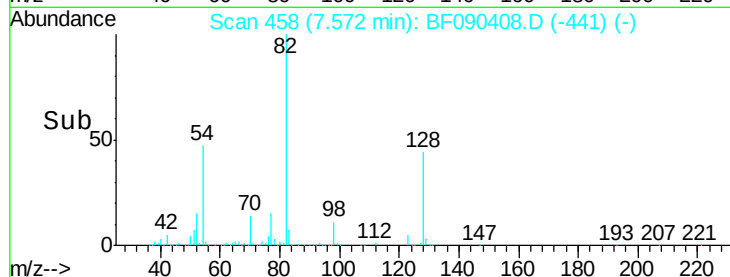
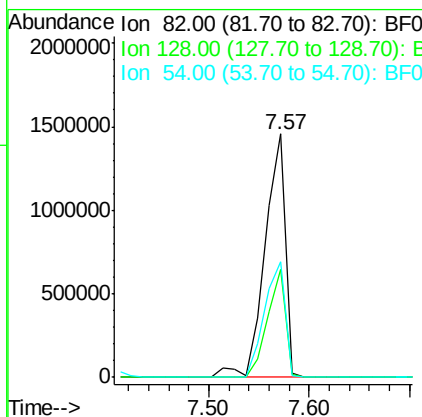
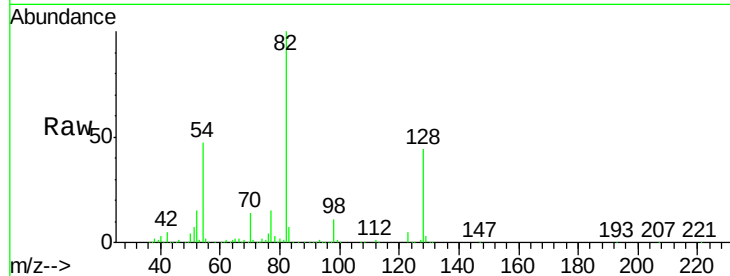
#23
 Nitrobenzene-d5
 Concen: 95.38 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	40.0	60.0
54	47.4	42.6	64.0

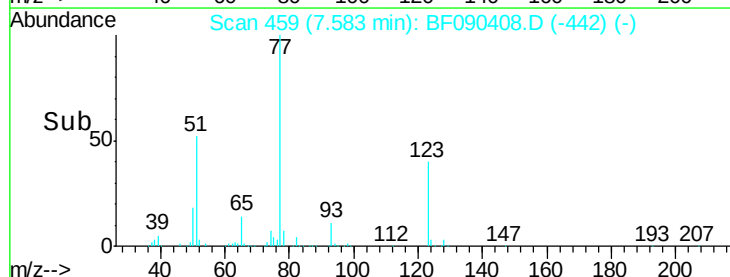
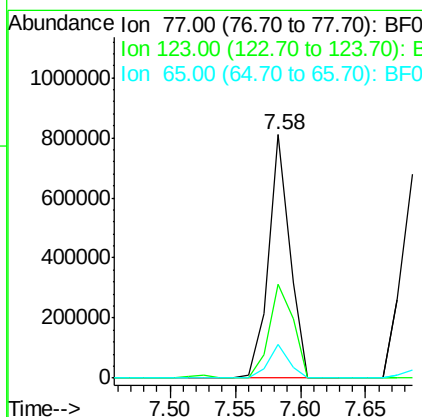
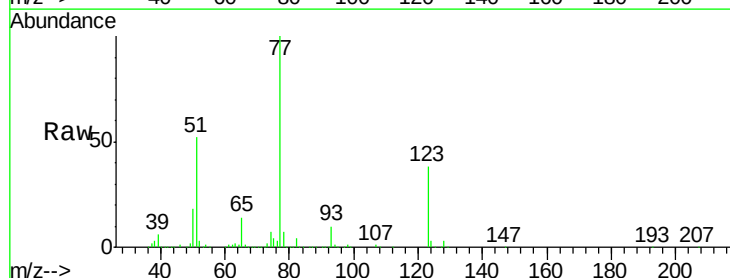
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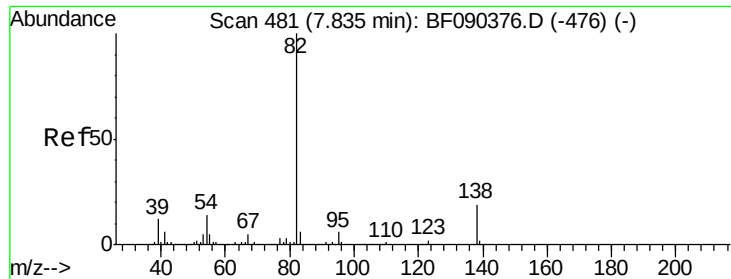
SOHIL
 10/6/2016 5:27:52 PM



#24
 Nitrobenzene
 Concen: 43.68 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	33.0	49.4
65	13.9	12.0	18.0





#25

Isophorone

Concen: 47.78 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tot Ion: 82 Resp: 1877343

Ion Ratio Lower Upper

82 100

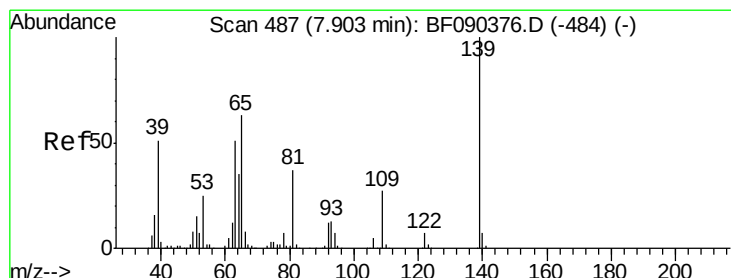
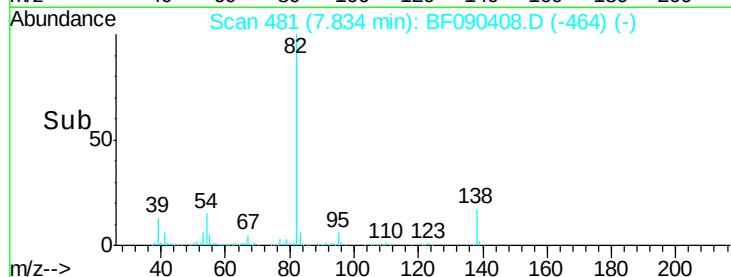
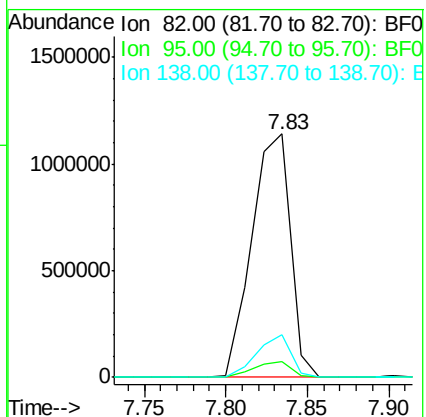
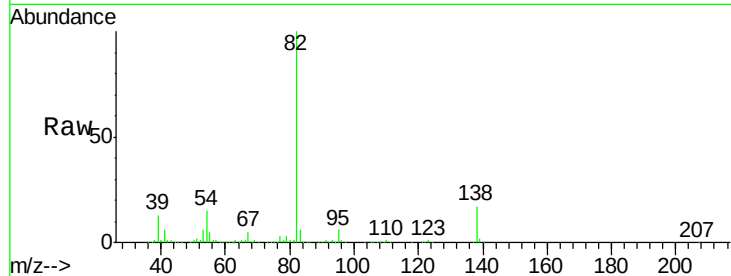
95 6.4 5.2 7.8

138 17.4 13.0 19.4

Manual Integrations
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SOHIL

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#26

2-Nitrophenol

Concen: 46.55 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

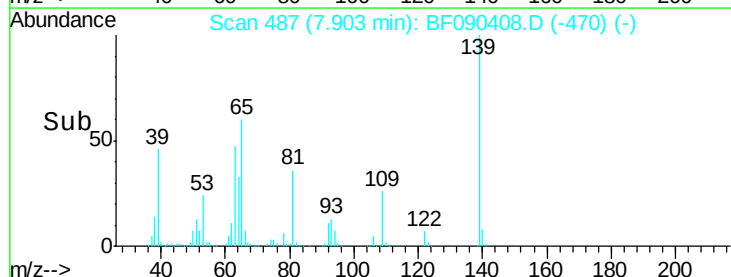
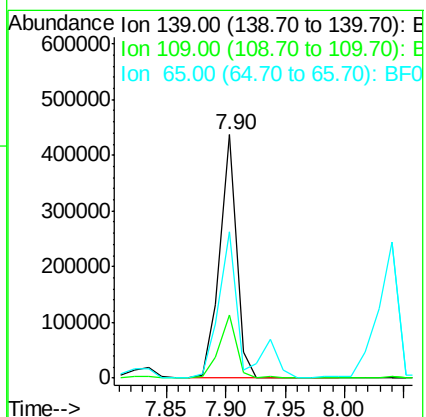
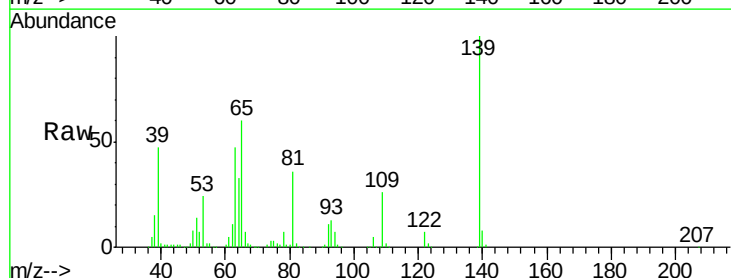
Tgt Ion: 139 Resp: 427422

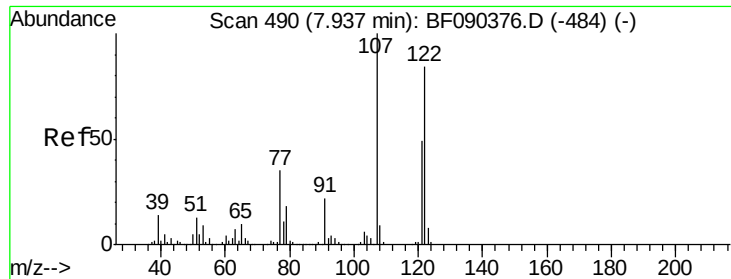
Ion Ratio Lower Upper

139 100

109 26.0 18.9 28.3

65 60.3 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 43.14 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

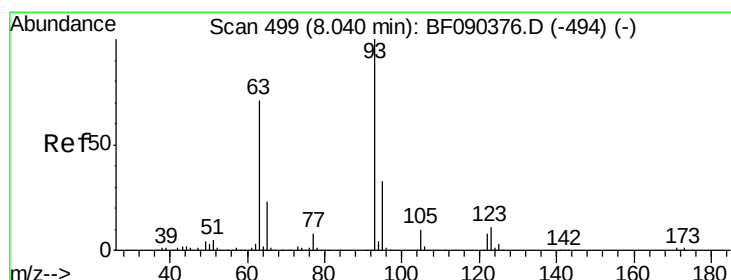
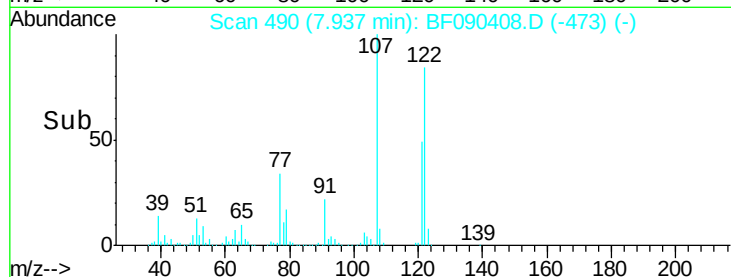
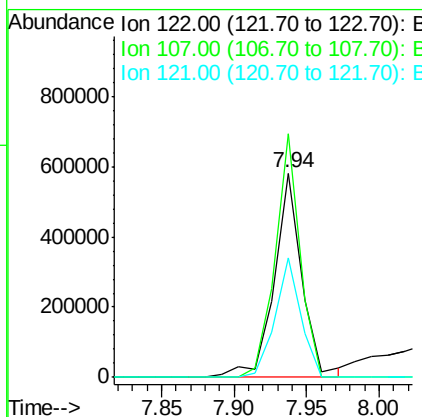
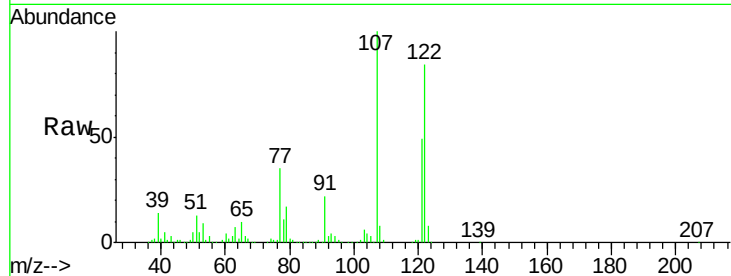
ClientSampleId :

PB93791BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	770425		
107	119.3	88.6	132.8	
121	58.6	47.5	71.3	

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 52.09 ng

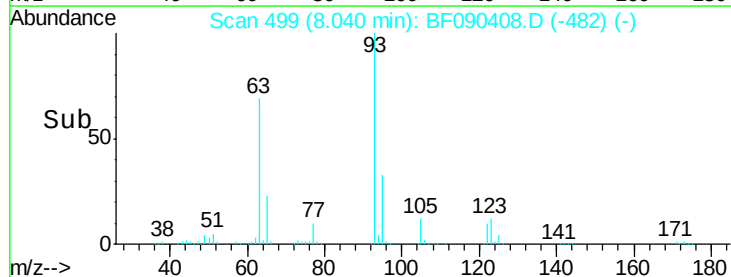
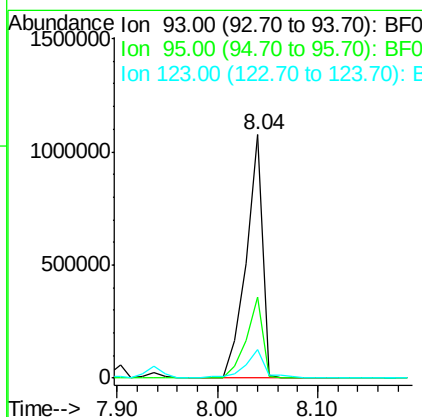
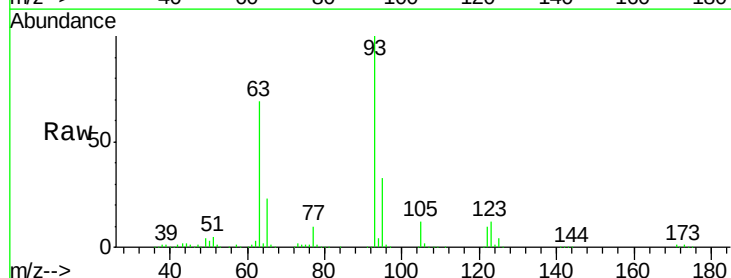
RT: 8.04 min Scan# 499

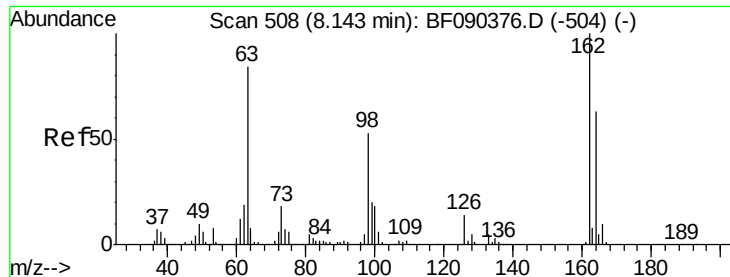
Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1210322		
95	33.3	27.0	40.4	
123	11.8	11.1	16.7	





#29

2,4-Dichlorophenol

Concen: 44.78 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

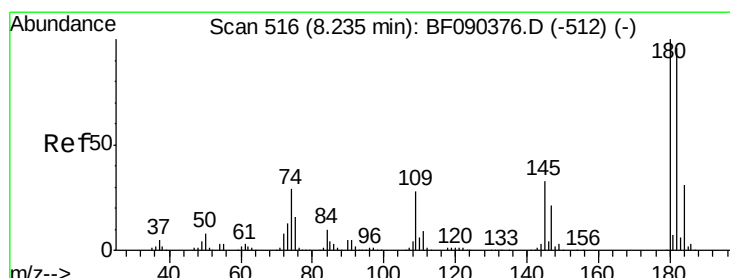
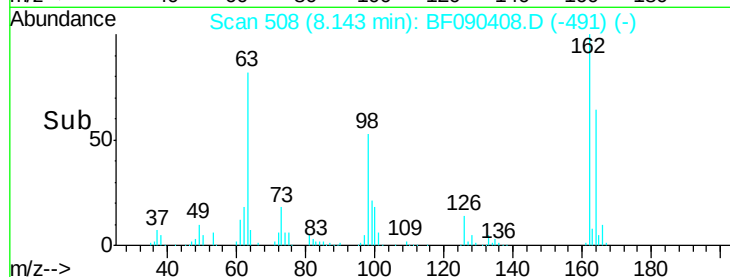
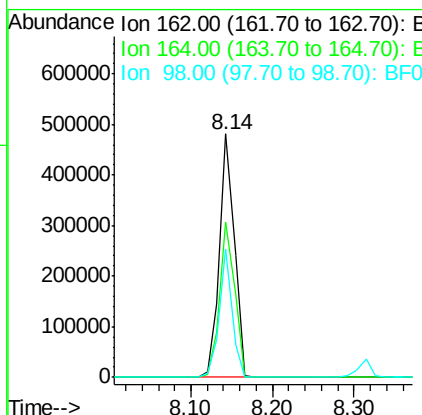
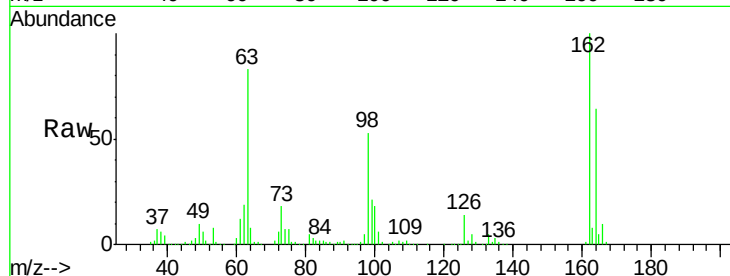
ClientSampled :

PB93791BS

Tot Ion:	162	Resp:	607967
Ion Ratio		Lower	Upper
162	100		
164	63.8	45.7	85.7
98	52.9	13.3	53.3

Manual Integrations
APPROVED

SOHIL
10/6/2016 5:27:52 PM



#30

1,2,4-Trichlorobenzene

Concen: 50.34 ng

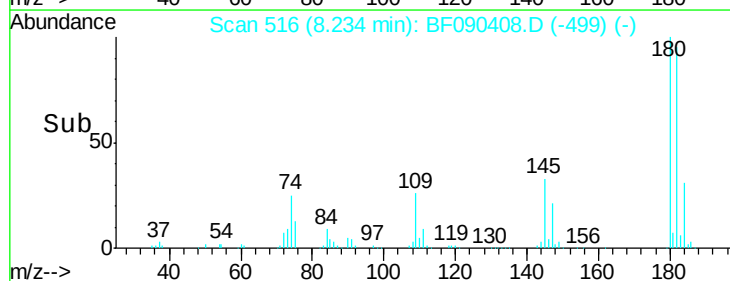
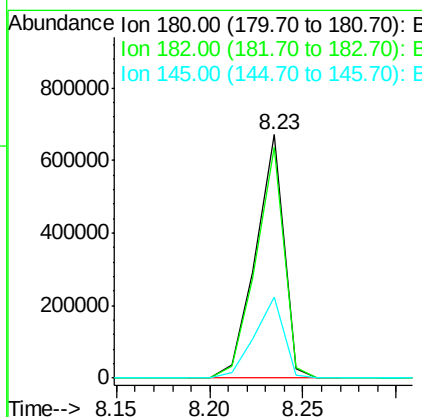
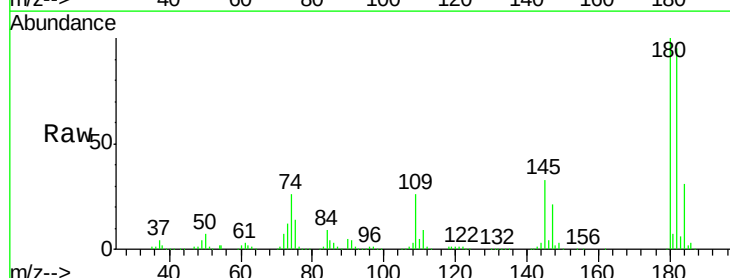
RT: 8.23 min Scan# 516

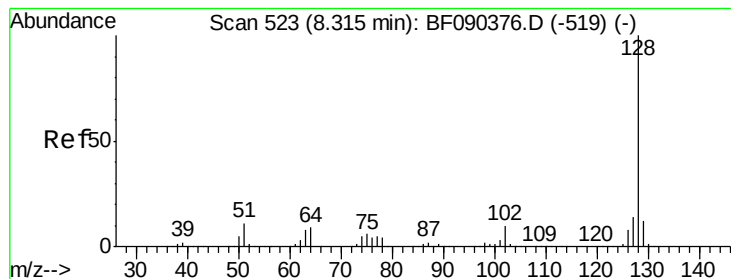
Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tgt Ion:	180	Resp:	704331
Ion Ratio		Lower	Upper
180	100		
182	95.1	75.3	112.9
145	33.1	27.7	41.5





#31

Naphthalene

Concen: 46.03 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tot Ion:128 Resp: 2321444

Ion Ratio Lower Upper

128 100

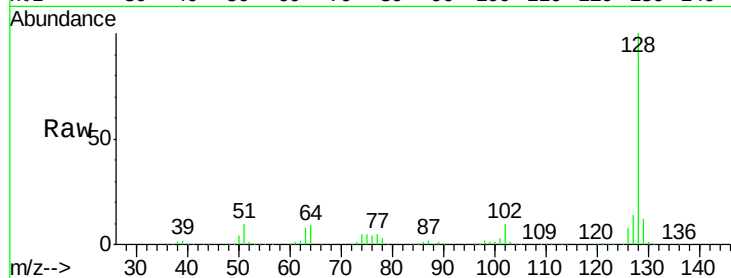
129 12.2 9.7 14.5

127 14.0 11.7 17.5

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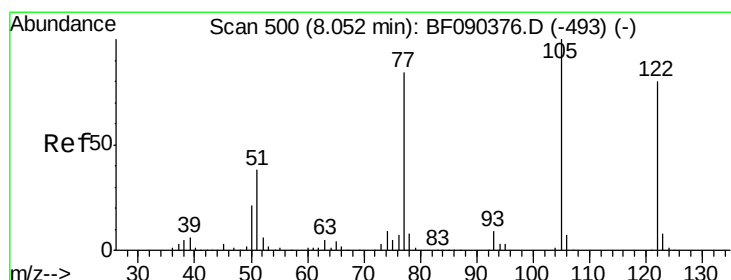
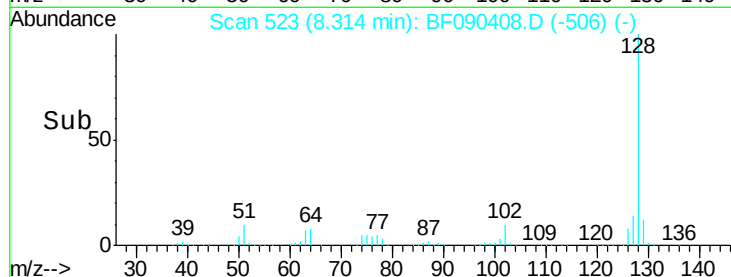
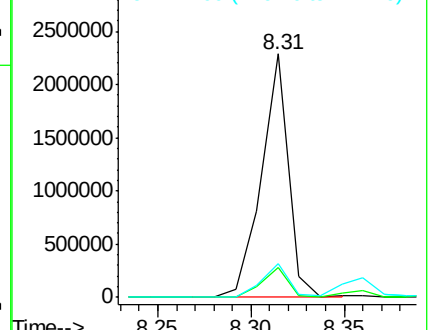
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.09 ng

RT: 8.06 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

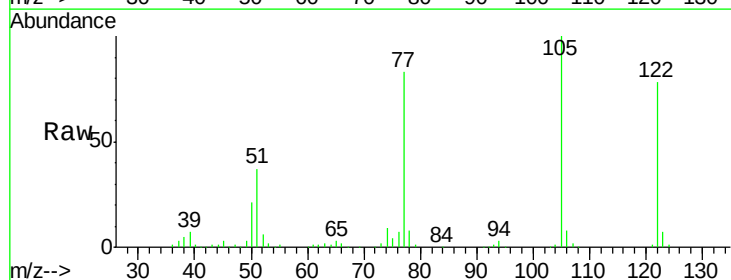
Tgt Ion:122 Resp: 559725

Ion Ratio Lower Upper

122 100

105 127.6 103.9 143.9

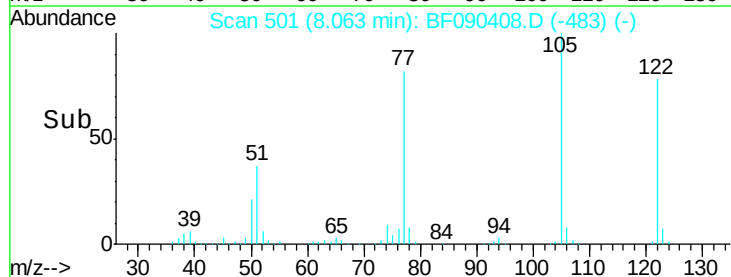
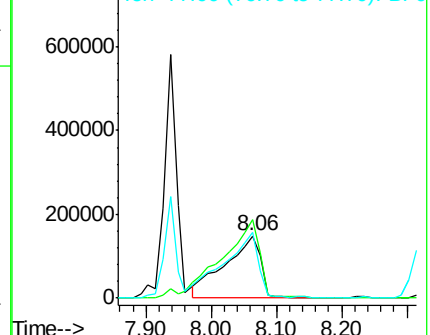
77 105.3 74.6 114.6

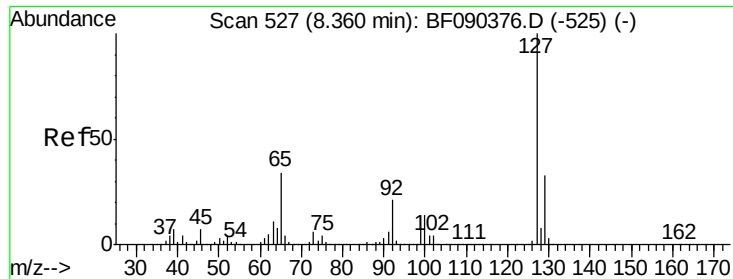


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





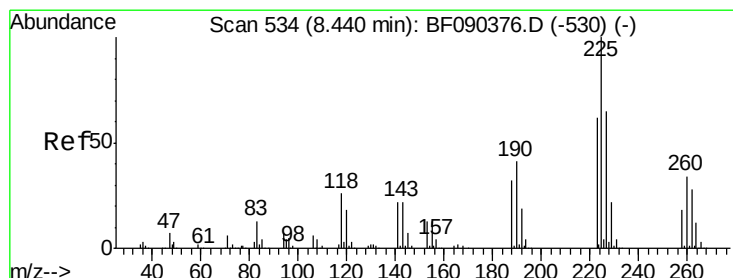
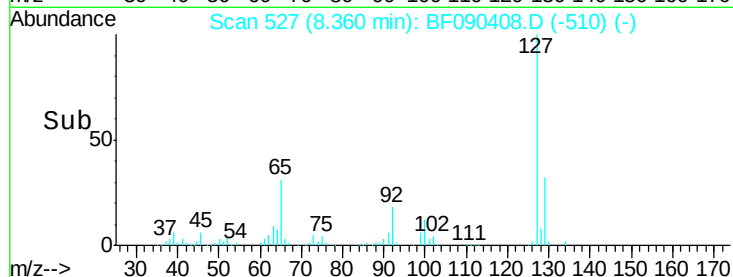
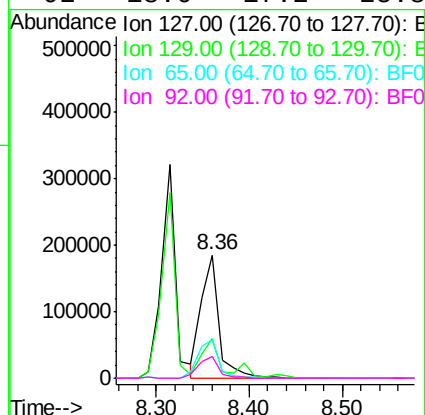
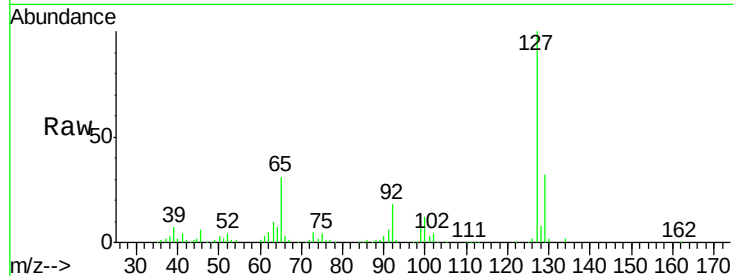
#33
4-Chloroaniline
Concen: 12.03 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		250680		
129	32.2	26.2	39.4		
65	30.9	32.5	48.7		
92	18.0	17.2	25.8		

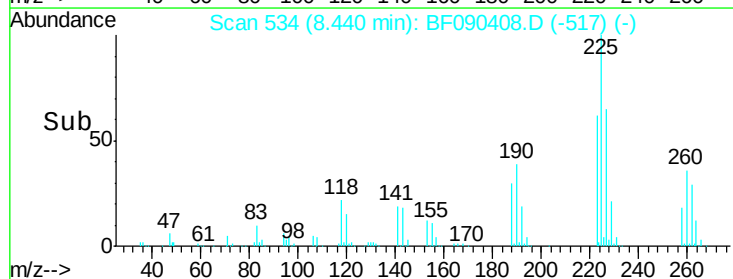
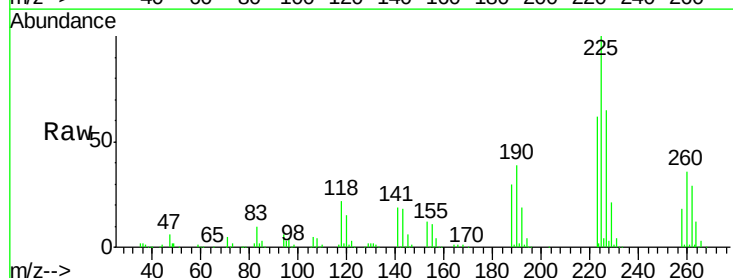
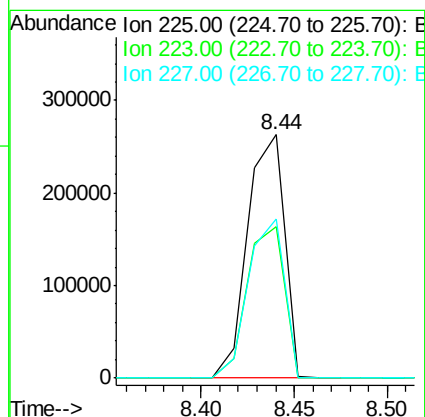
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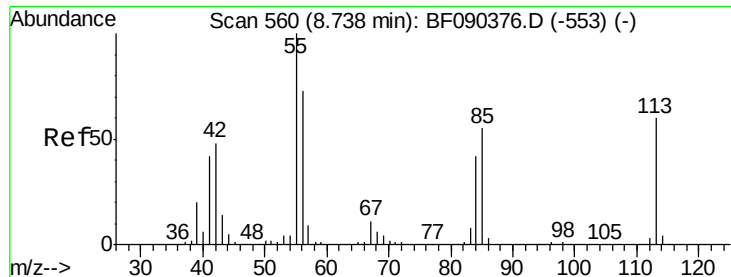
SOHIL
10/6/2016 5:27:52 PM



#34
Hexachlorobutadiene
Concen: 45.94 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		359172		
223	62.1	51.0	76.4		
227	65.4	50.8	76.2		





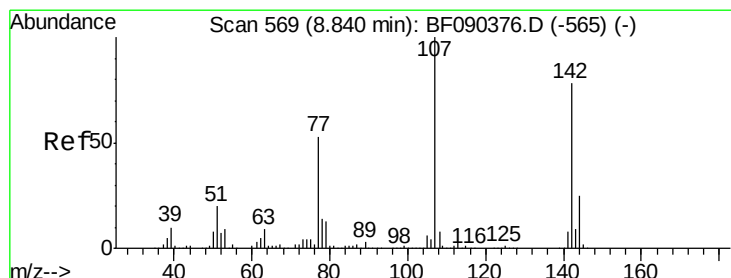
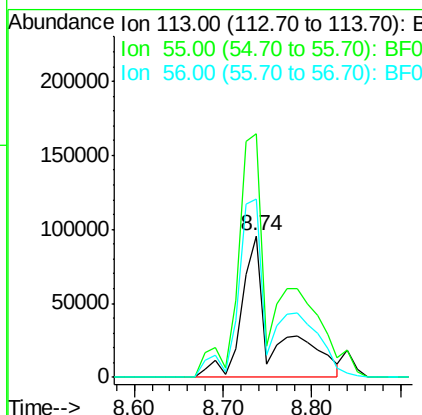
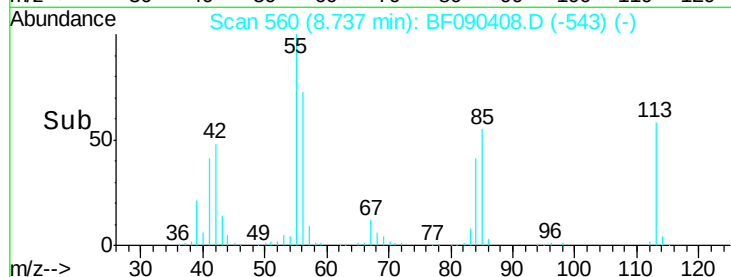
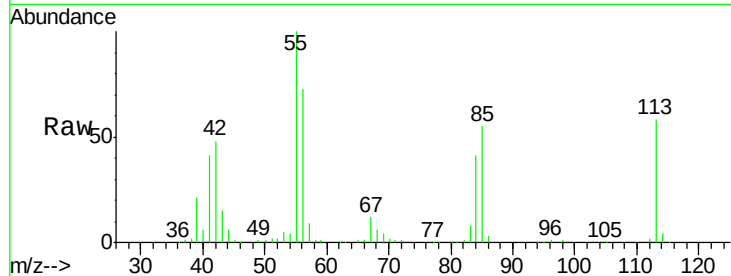
#35
Caprolactam
Concen: 53.15 ng/ml
RT: 8.74 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampled :
PB93791BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.1	203.3	243.3#
56	126.4	140.5	180.5#

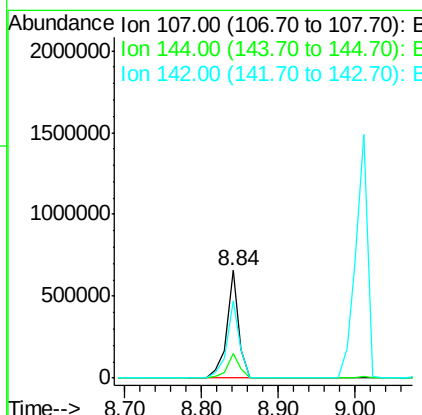
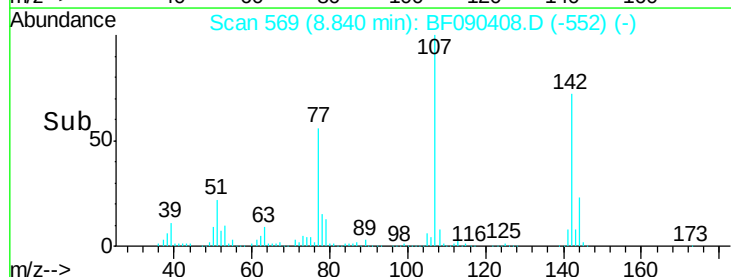
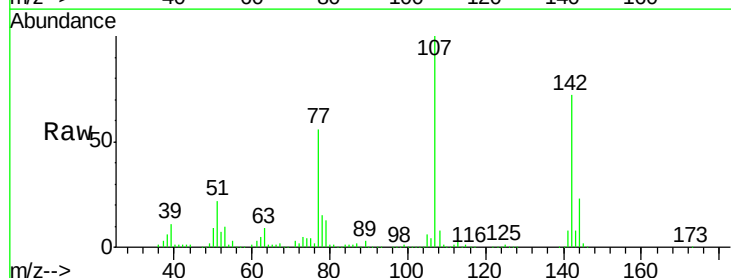
Manual Integrations
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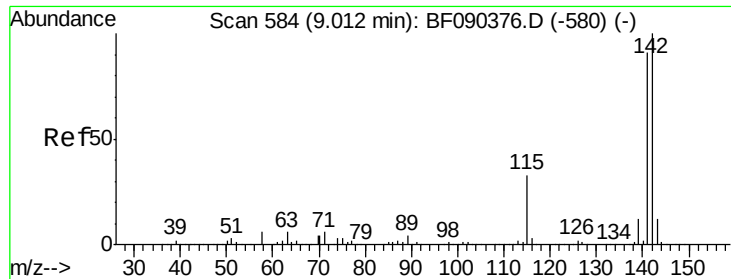
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10/6/2016 5:27:52 PM



#36
4-Chloro-3-methylphenol
Concen: 43.11 ng/ml
RT: 8.84 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.8	29.8
142	71.7	60.7	91.1





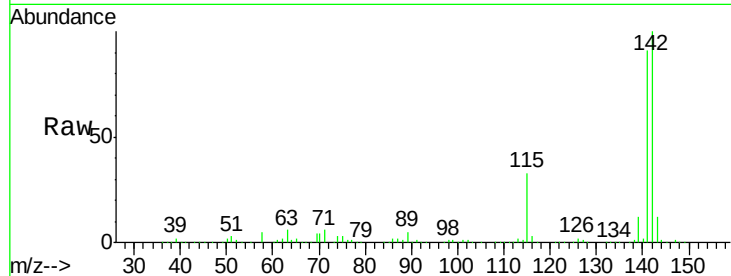
#37
2-Methylnaphthalene
Concen: 53.49 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

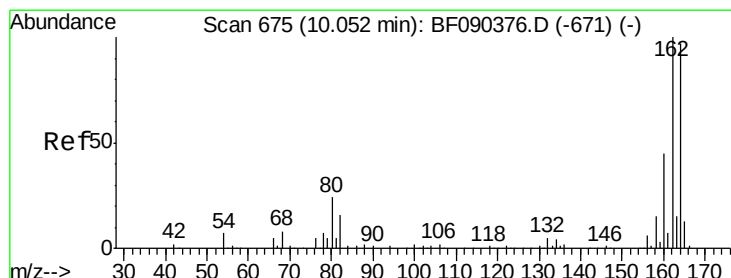
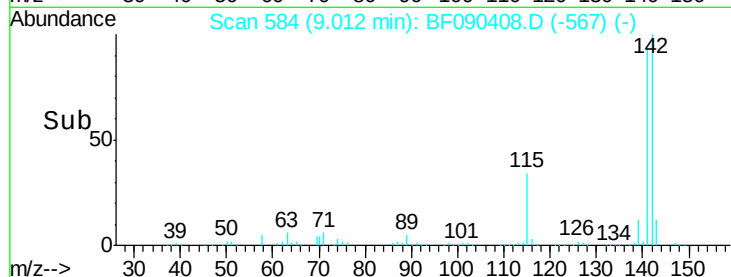
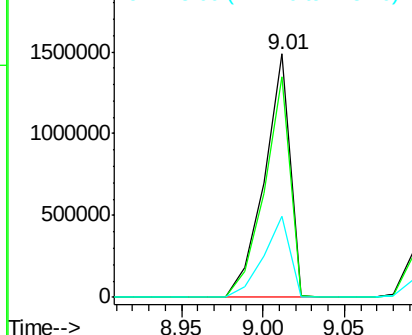
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.8	107.8
115	33.2	28.8	43.2

Manual Integrations
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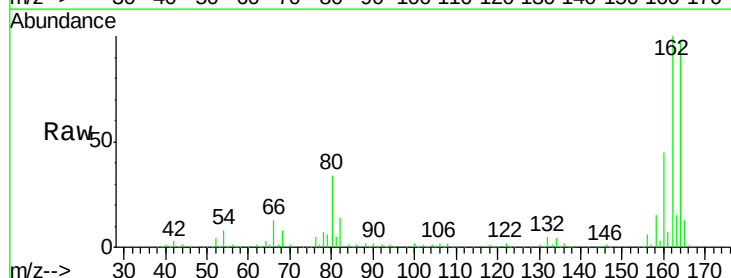


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

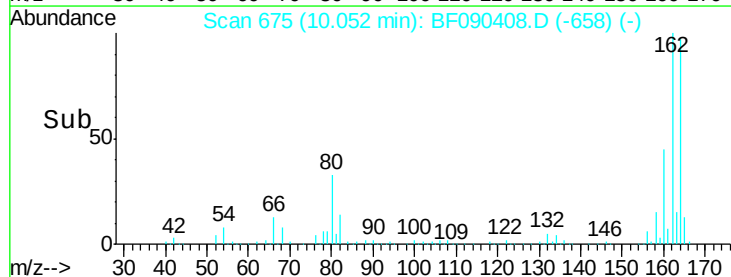
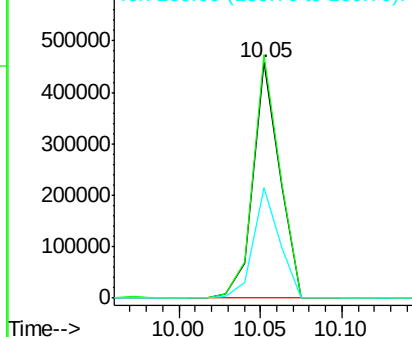


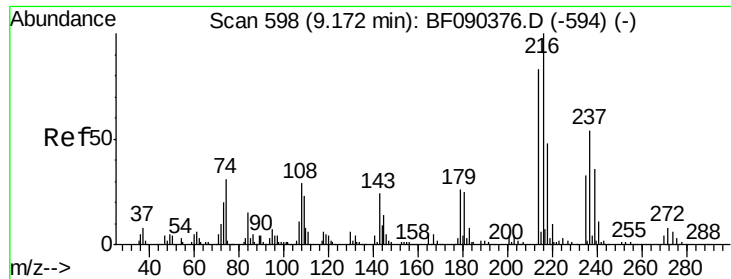
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.1	120.1
160	46.7	36.3	54.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.40 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

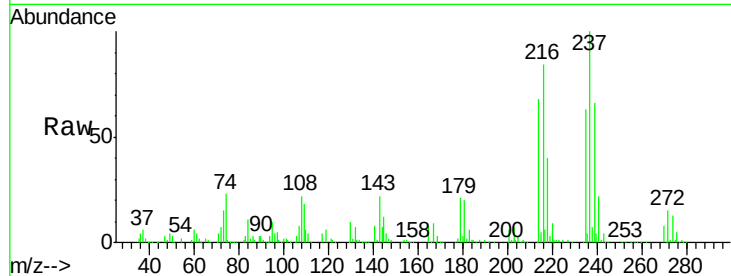
ClientSampleId :

PB93791BS

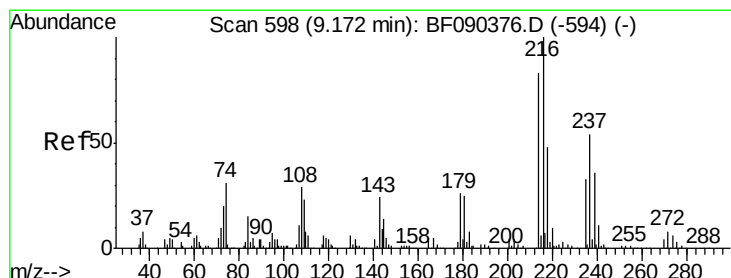
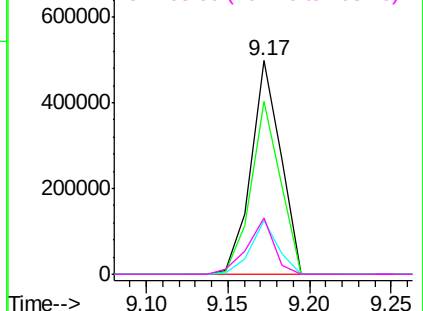
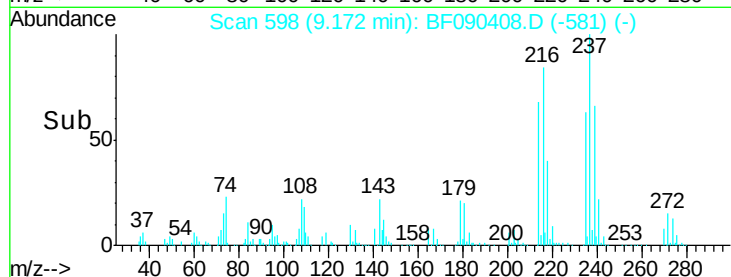
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		629434		
214	79.5		64.2	96.2	
179	22.7		18.0	27.0	
108	23.8		15.2	22.8	

Manual Integrations
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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: 114.14 ng

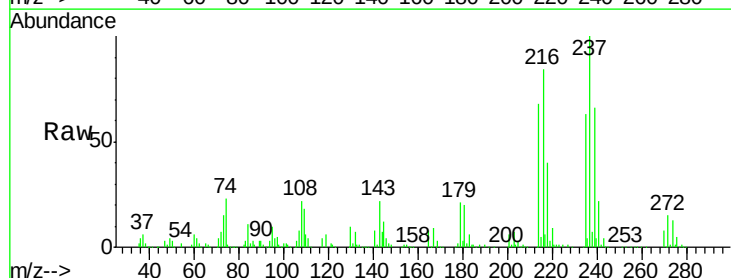
RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

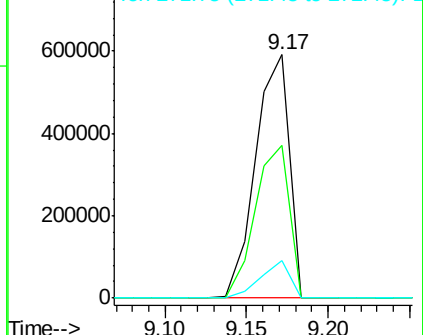
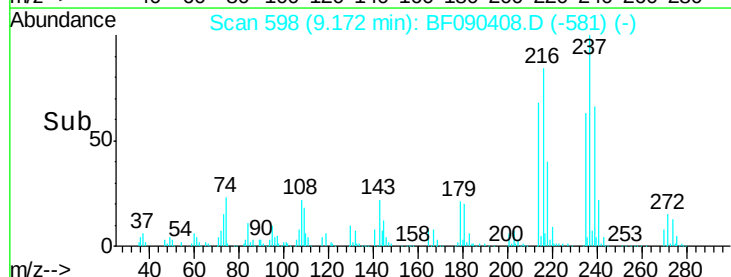
Lab File: BF090408.D

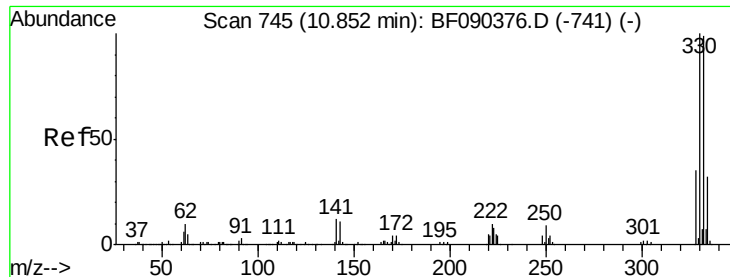
Acq: 6 Oct 2016 4:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		848707		
235	62.6		43.6	83.6	
272	15.5		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





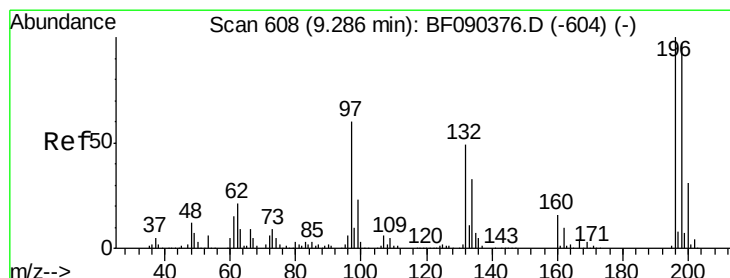
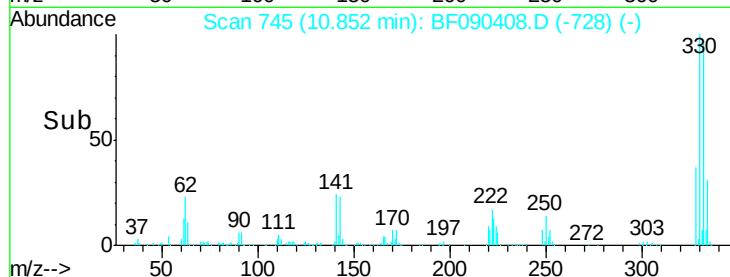
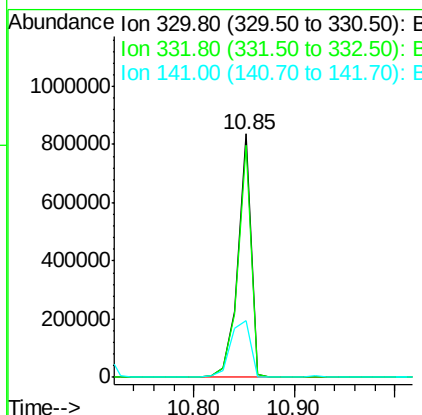
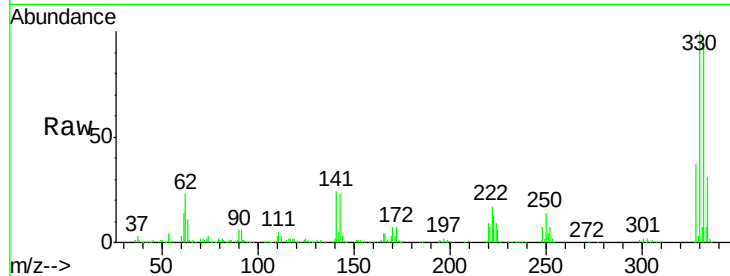
#41
 2,4,6-Tribromophenol
 Concen: 183.12 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleID :
 PB93791BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	766092		
332	94.9		75.4	113.0
141	35.6		26.9	40.3

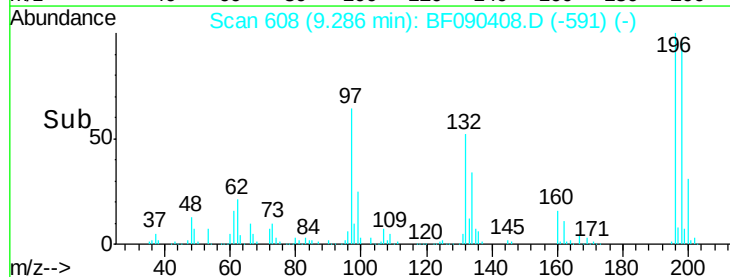
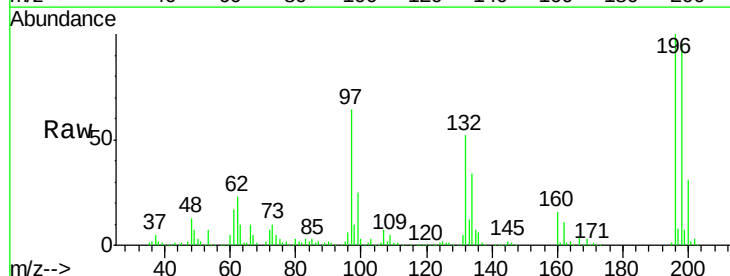
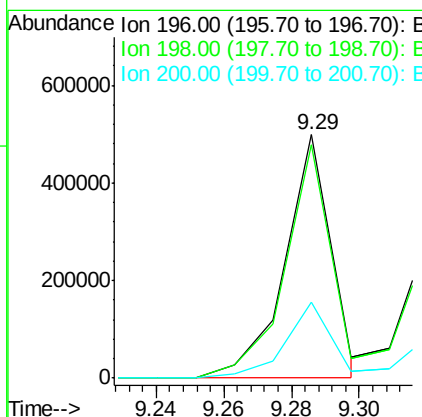
Manual Integrations
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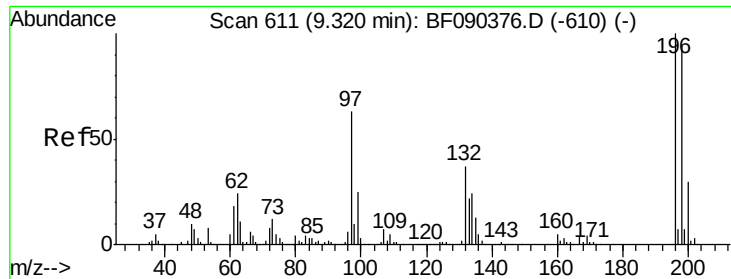
SOHIL
 10/6/2016 5:27:52 PM



#42
 2,4,6-Trichlorophenol
 Concen: 50.34 ng m
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	471204		
198	96.0		78.9	118.3
200	31.3		25.4	38.2





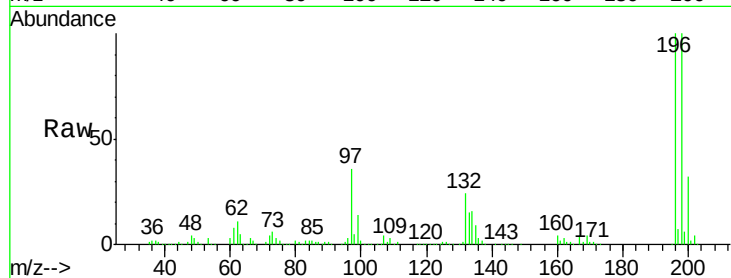
#43
 2,4,5-Trichlorophenol
 Concen: 51.00 ng/mL
 RT: 9.33 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	451385		
198	99.9	78.1	117.1	
97	35.7	48.1	72.1	
132	24.4	27.4	41.2	

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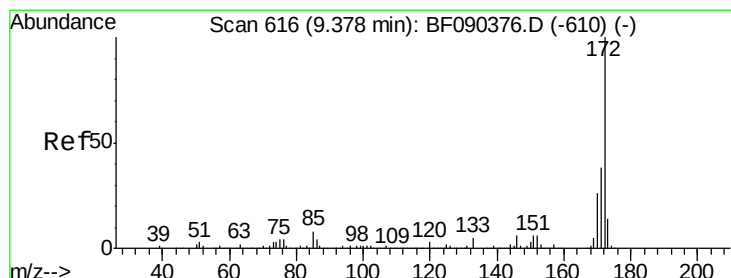
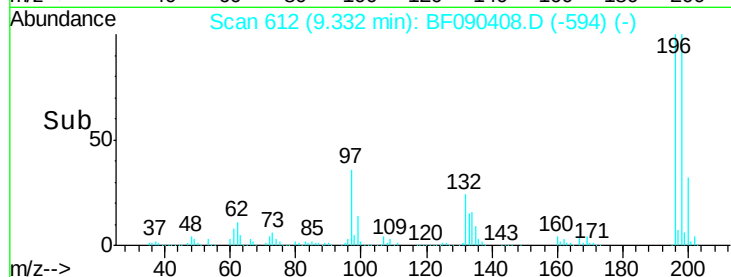
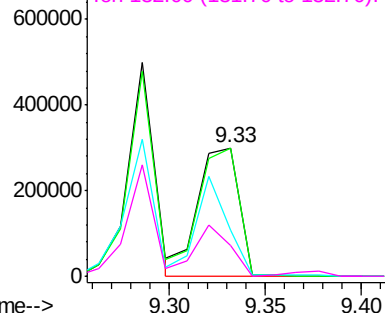
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.97 ng/mL
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

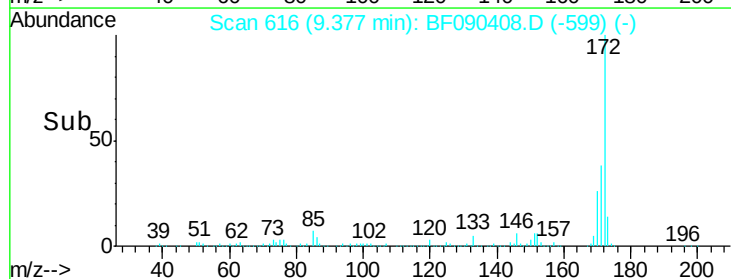
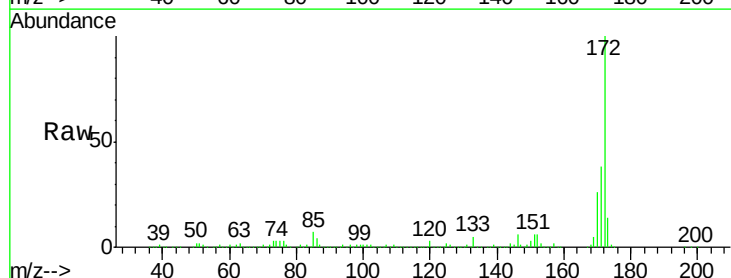
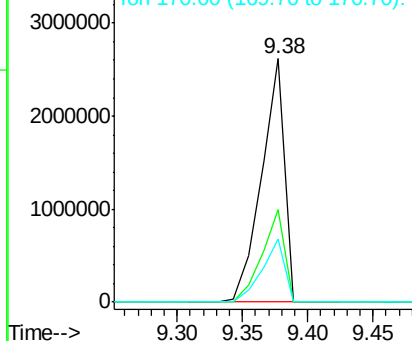
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3210713		
171	38.1	31.8	47.8	
170	26.1	21.7	32.5	

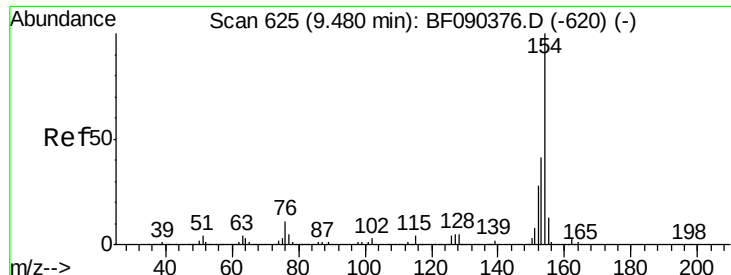
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





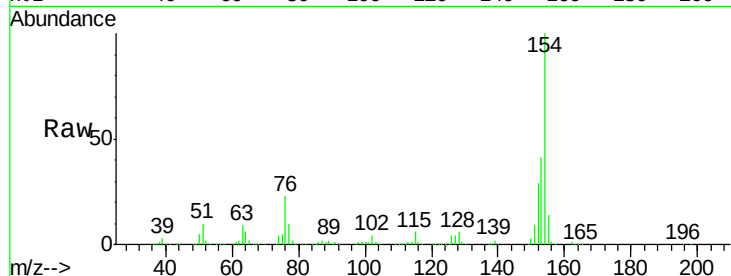
#45
 1,1'-Biphenyl
 Concen: 47.44 ng
 RT: 9.47 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.8	63.8
76	22.7	0.0	35.8

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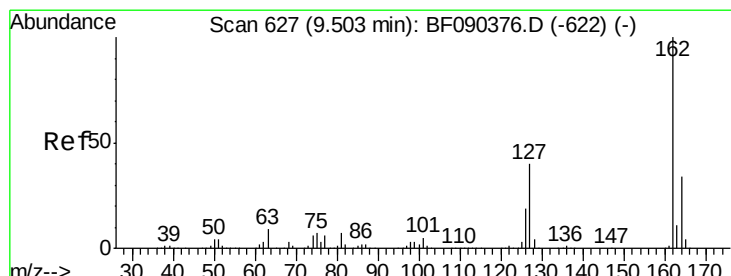
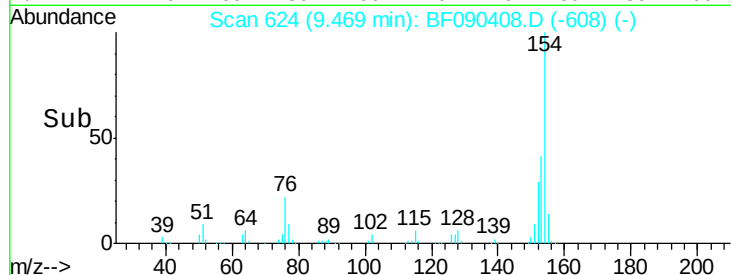
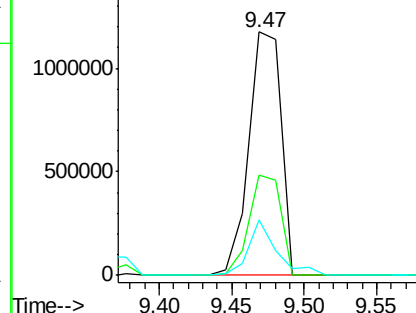


Abundance

Ion 154.00 (153.70 to 154.70): E

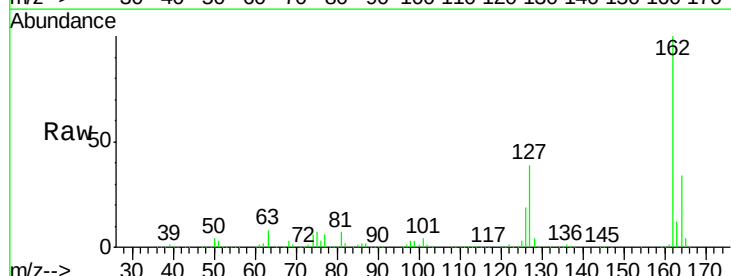
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 53.52 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	35.6	53.4
164	34.2	27.5	41.3

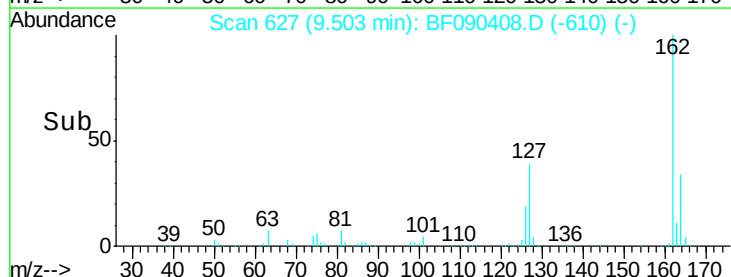
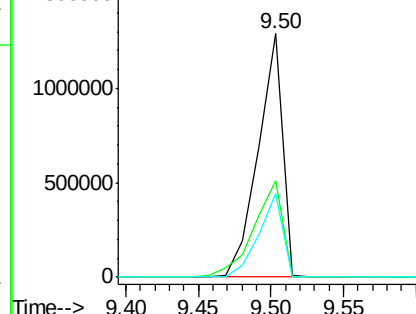


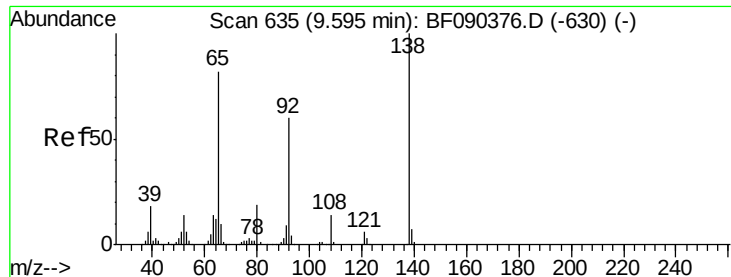
Abundance

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





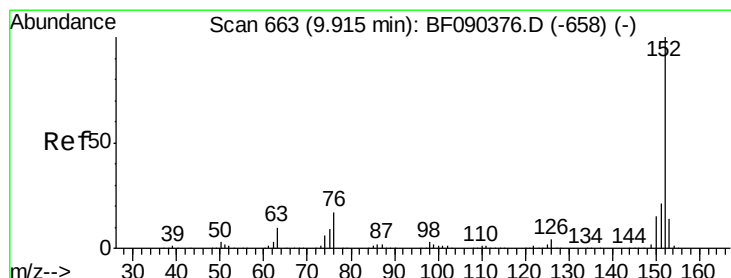
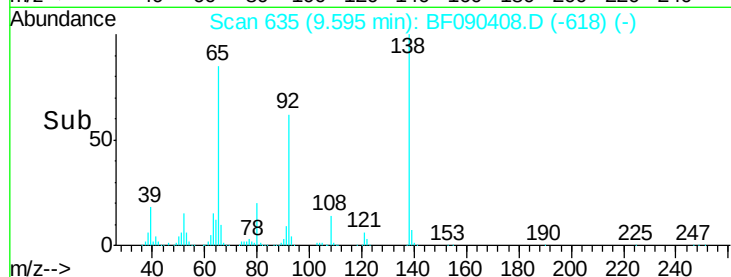
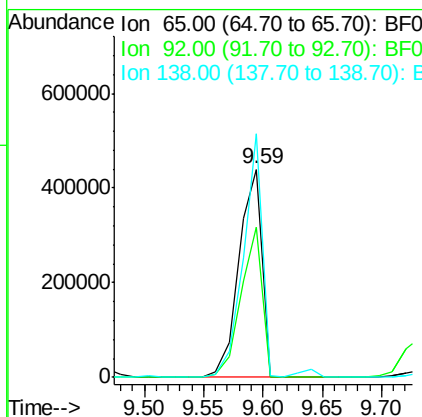
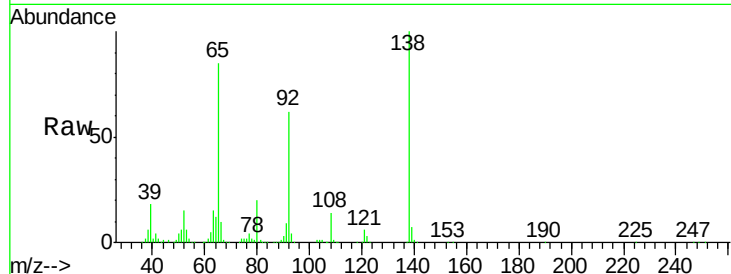
#47
2-Nitroaniline
Concen: 53.41 ng
RT: 9.59 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.1	51.7	77.5
138	117.0	79.0	118.4

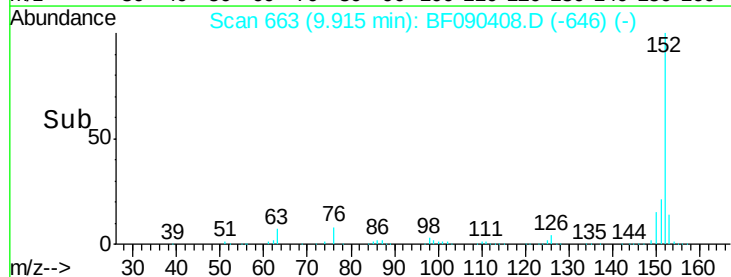
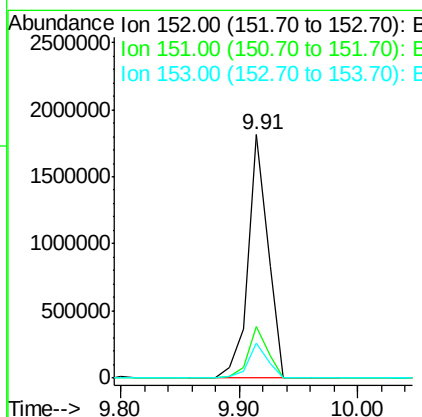
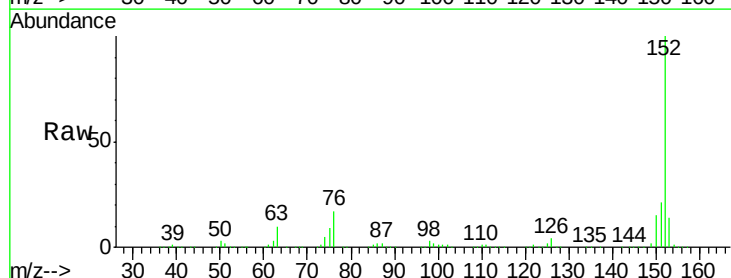
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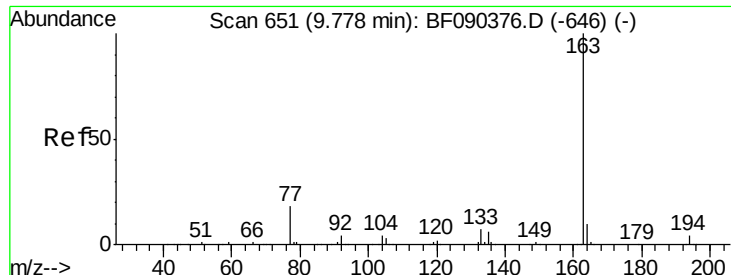
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#48
Acenaphthylene
Concen: 45.75 ng
RT: 9.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.4	26.0
153	14.3	11.6	17.4





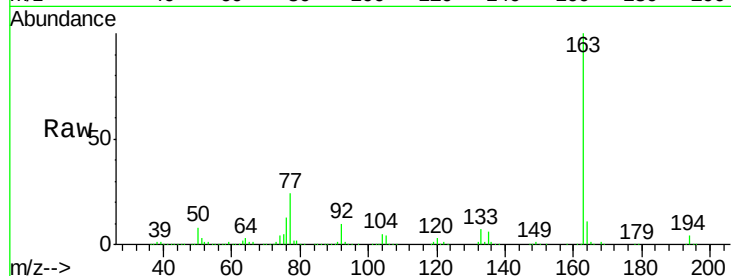
#49
Dimethylphthalate
Concen: 51.52 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

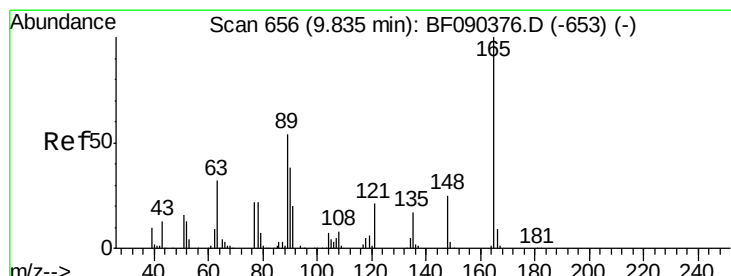
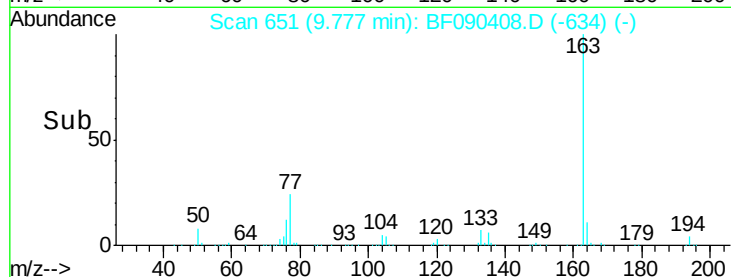
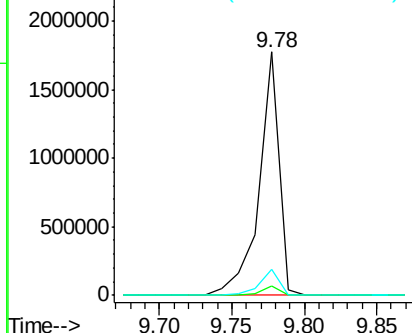
Tot Ion:163 Resp: 1697513
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.7 9.0 13.4

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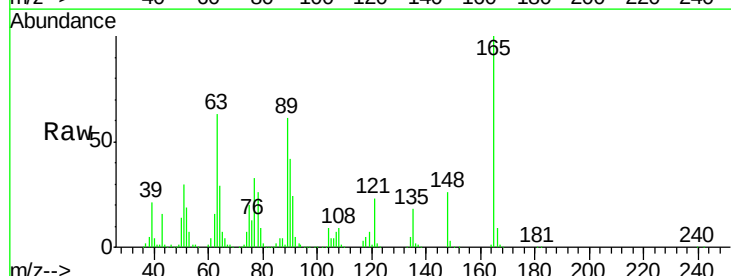


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

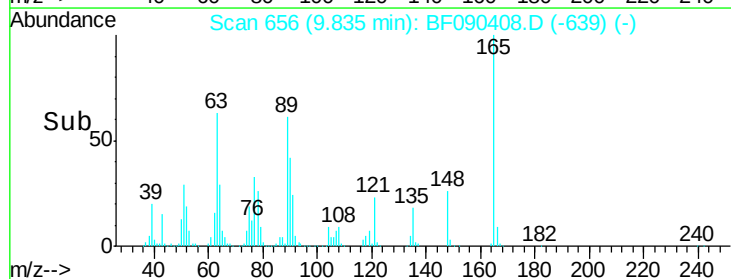
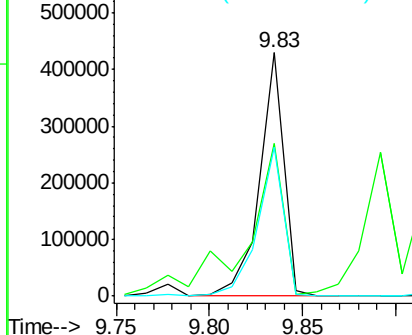


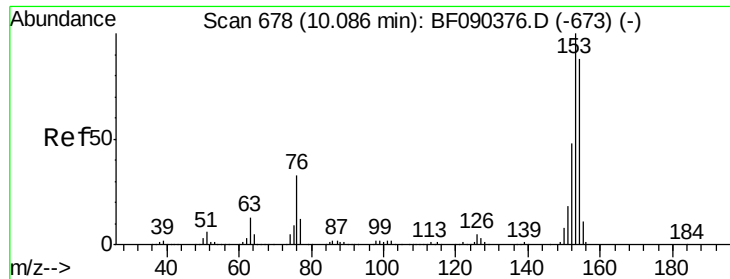
#50
2,6-Dinitrotoluene
Concen: 52.78 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:165 Resp: 386094
Ion Ratio Lower Upper
165 100
63 63.0 58.0 87.0
89 61.2 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: 52.07 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tot Ion:154 Resp: 1508891

Ion Ratio Lower Upper

154 100

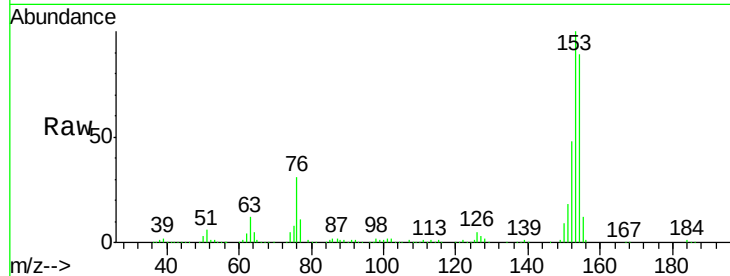
153 112.3 88.6 133.0

152 54.1 42.6 64.0

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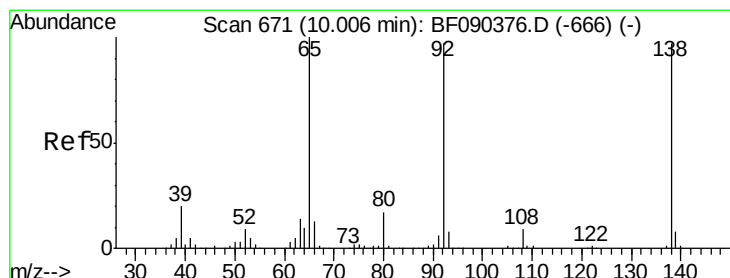
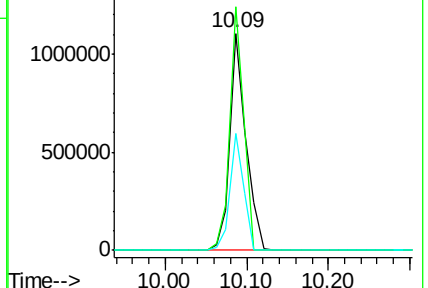
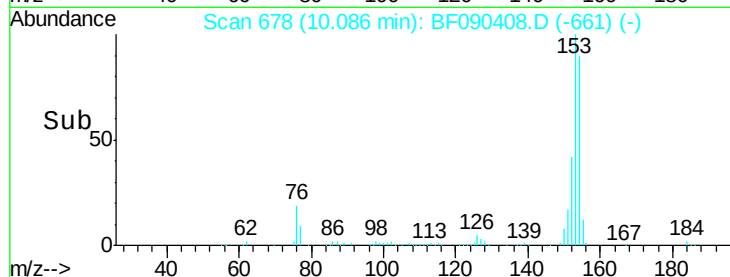
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.65 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

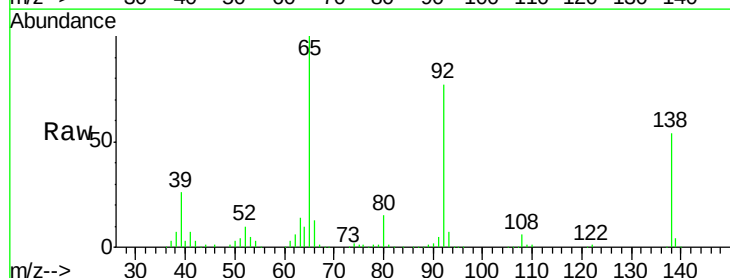
Tgt Ion:138 Resp: 185009

Ion Ratio Lower Upper

138 100

108 11.1 9.7 14.5

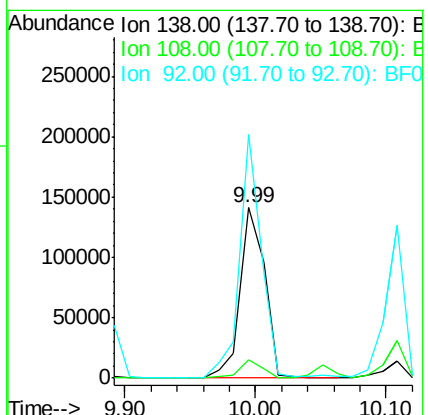
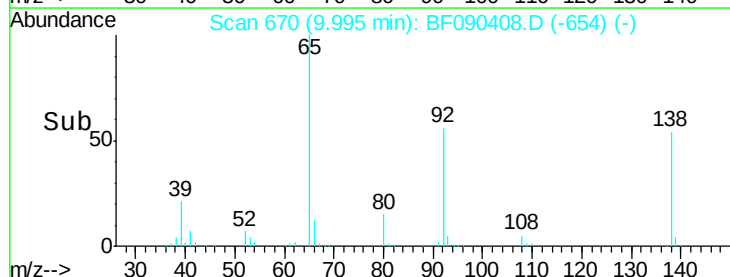
92 143.1 97.1 145.7

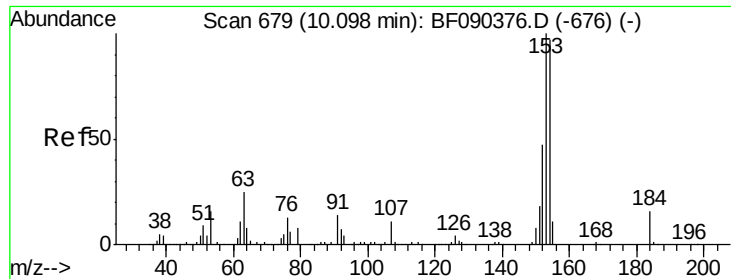


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





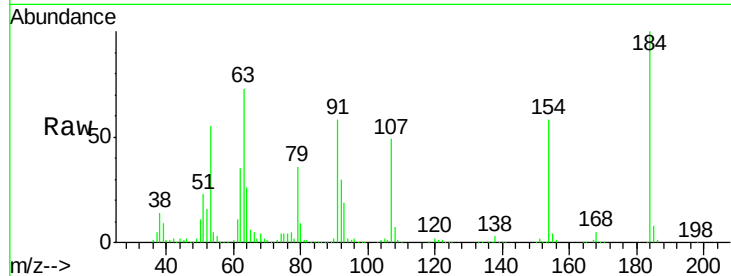
#53
2,4-Dinitrophenol
Concen: 119.48 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

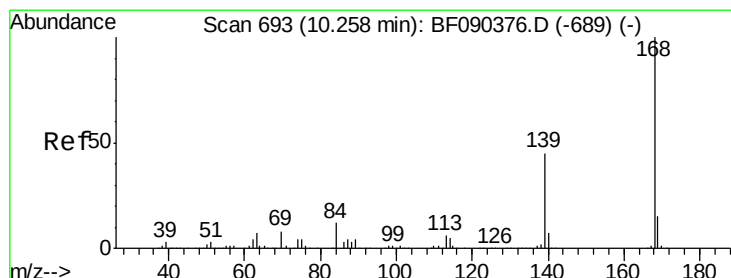
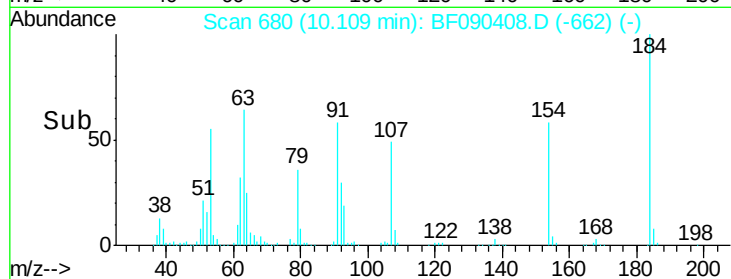
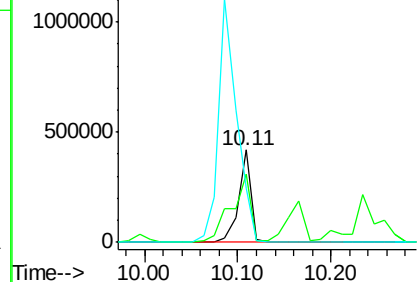
Tot Ion	Ratio	Resp	Lower	Upper
184	100	389697		
63	73.4	41.9	62.9#	
154	58.3	48.9	73.3	

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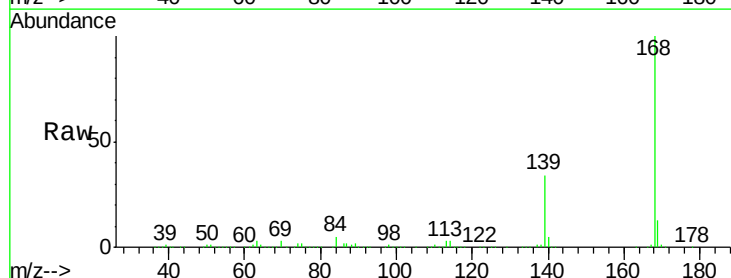


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

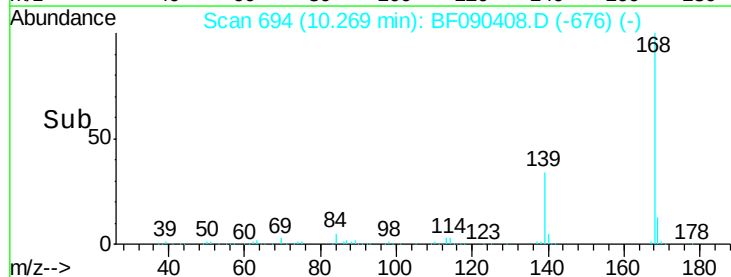
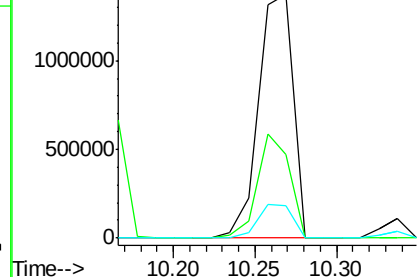


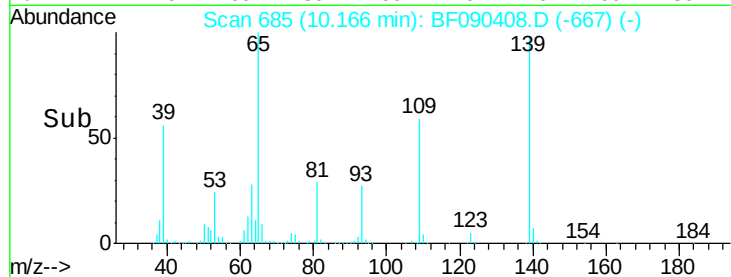
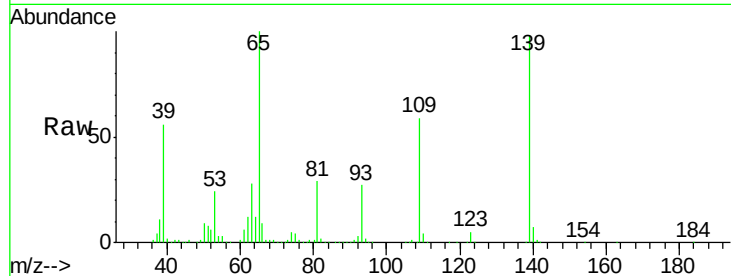
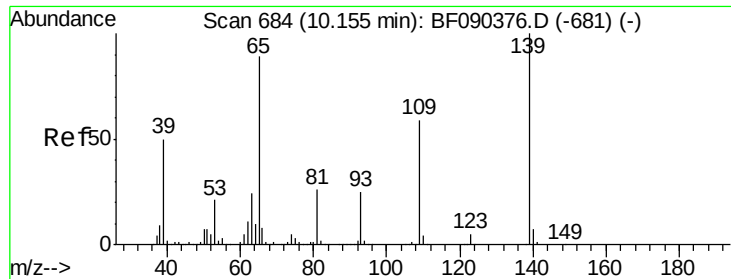
#54
Dibenzofuran
Concen: 54.00 ng
RT: 10.27 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2025716		
139	34.3	29.6	44.4	
169	13.5	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





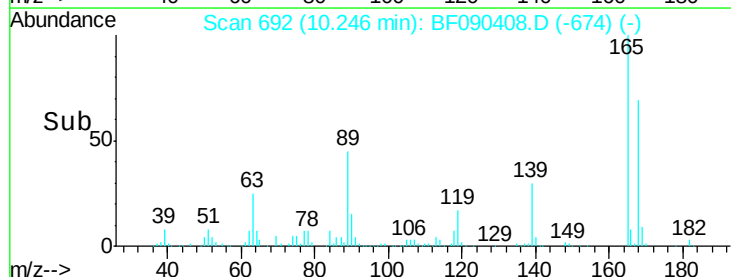
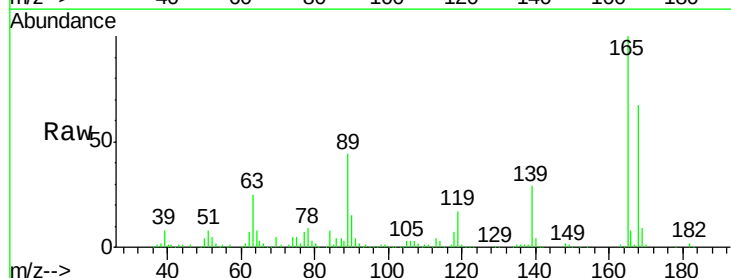
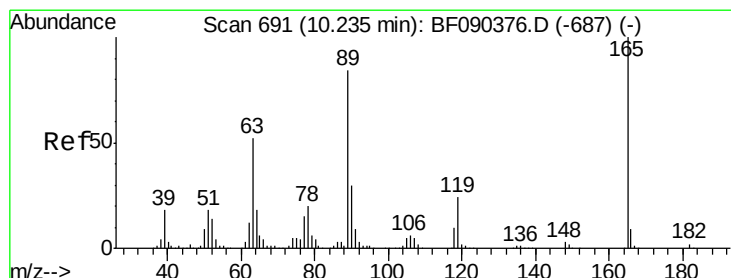
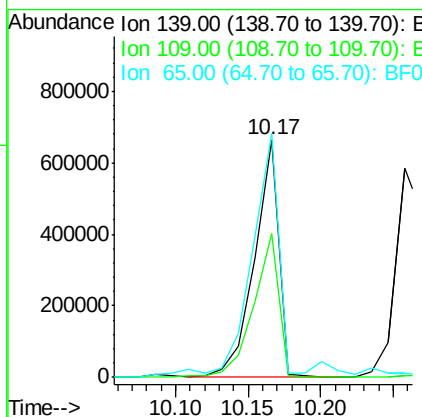
#55
4-Nitrophenol
Concen: 102.95 ng
RT: 10.17 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tot Ion	Ratio	Resp	Lower	Upper
139	100	769799		
109	60.4	43.6	83.6	
65	102.4	87.5	127.5	

Instrument :
BNA_F
ClientSampleId :
PB93791BS

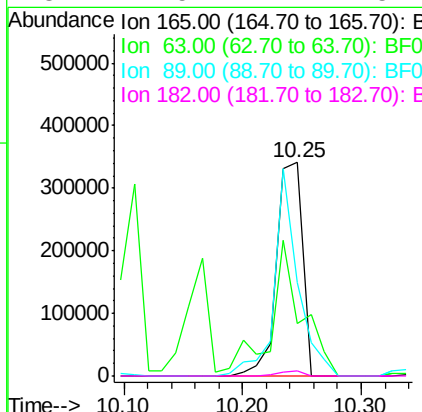
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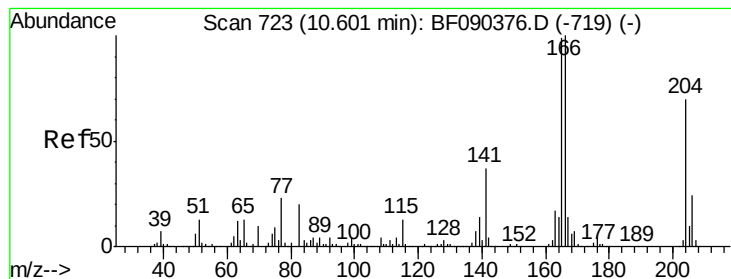
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#56
2,4-Dinitrotoluene
Concen: 52.79 ng
RT: 10.25 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	513952		
63	24.7	17.8	26.6	
89	43.6	33.2	49.8	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 52.37 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampled :

PB93791BS

Tot Ion:166 Resp: 1651054

Ion Ratio Lower Upper

166 100

165 98.7 79.2 118.8

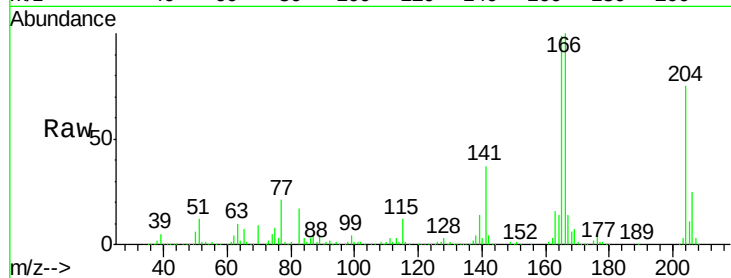
167 14.3 11.1 16.7

Manual Integrations

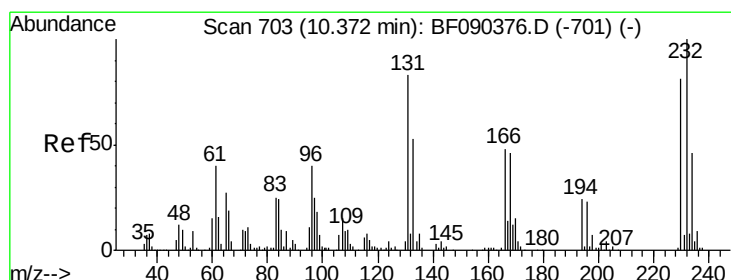
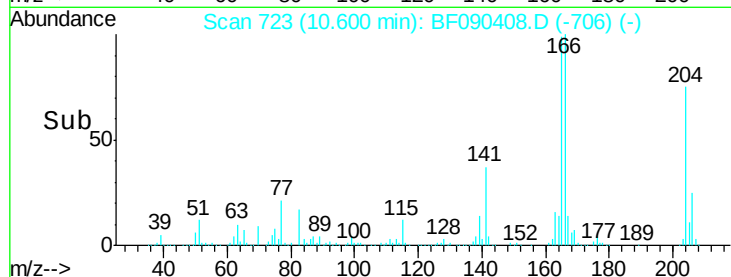
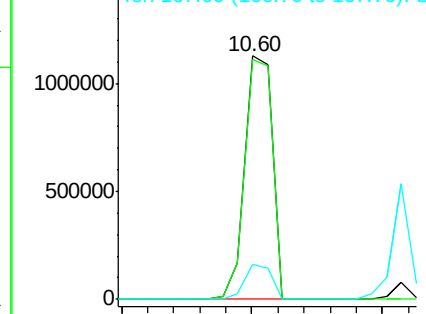
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.18 ng

RT: 10.38 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tgt Ion:232 Resp: 371374

Ion Ratio Lower Upper

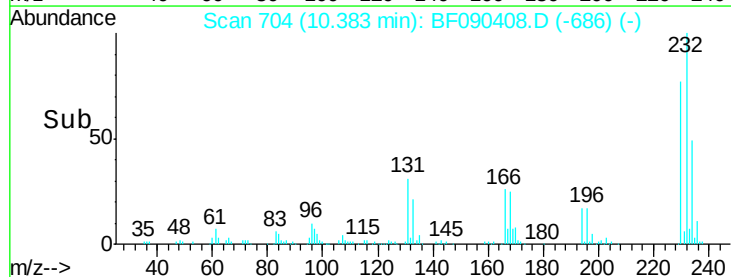
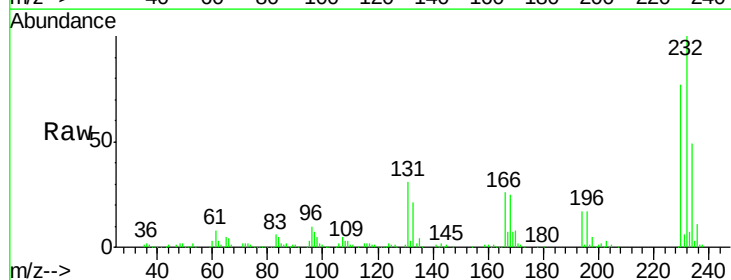
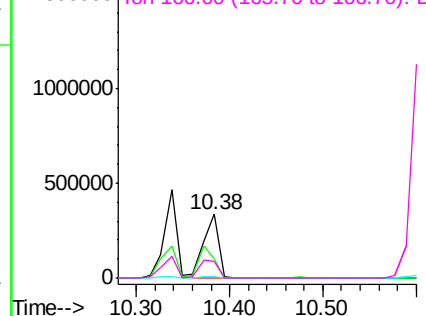
232 100

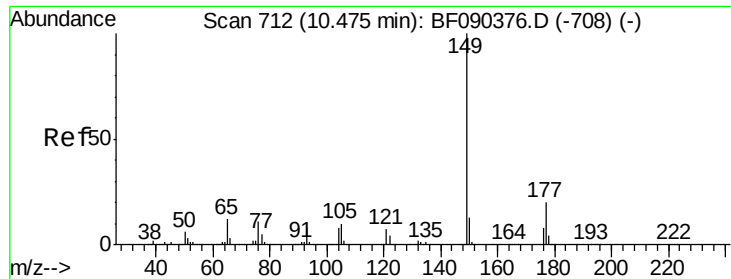
131 54.4 34.5 51.7#

130 2.5 1.6 2.4#

166 36.1 23.8 35.8#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





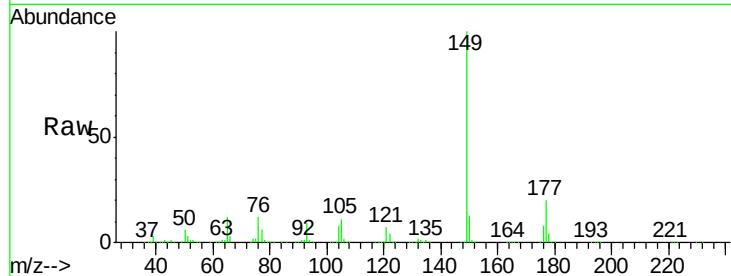
#59
Diethylphthalate
Concen: 48.30 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

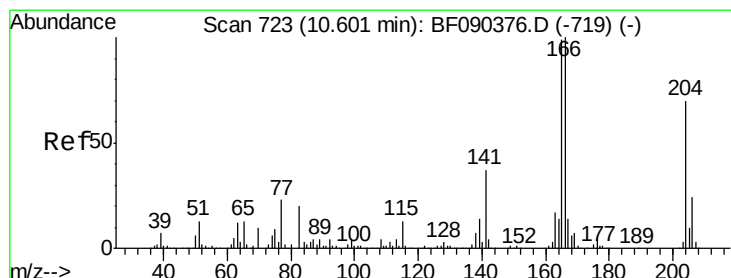
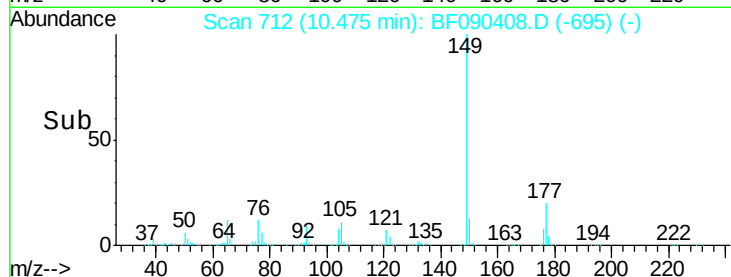
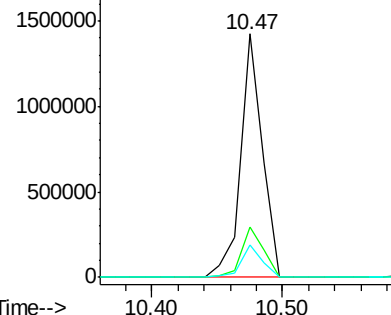
Tot Ion:149 Resp: 1646656
Ion Ratio Lower Upper
149 100
177 20.4 21.1 31.7#
150 13.2 10.2 15.2

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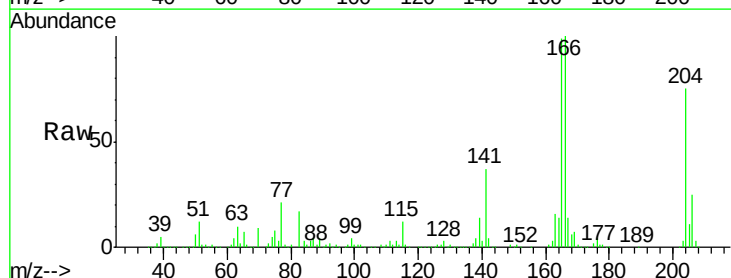


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

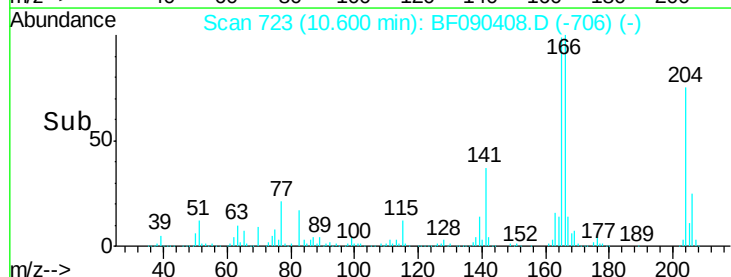
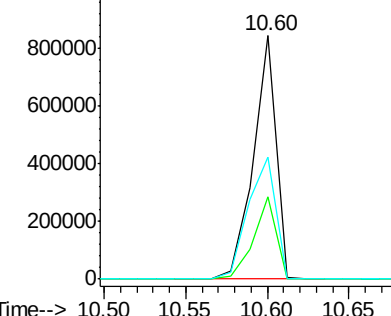


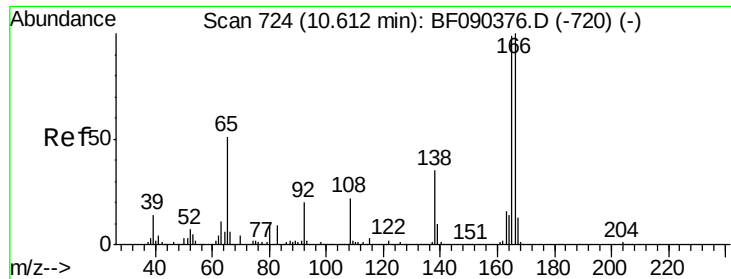
#60
4-Chlorophenyl-phenylether
Concen: 57.19 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:204 Resp: 819761
Ion Ratio Lower Upper
204 100
206 34.0 26.7 40.1
141 50.1 51.7 77.5#



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





#61

4-Nitroaniline

Concen: 48.34 ng

RT: 10.62 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampled :

PB93791BS

Tot Ion:138 Resp: 416232
Ion Ratio Lower Upper

138 100

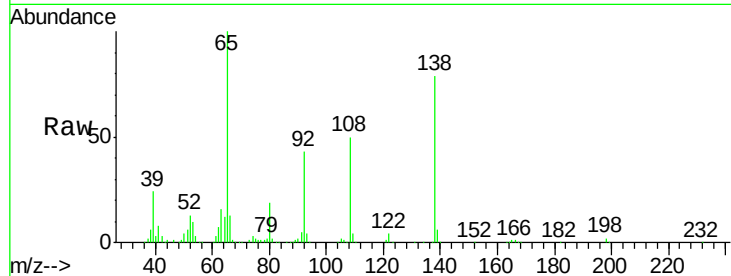
92 54.5 33.2 73.2

108 63.0 48.5 88.5

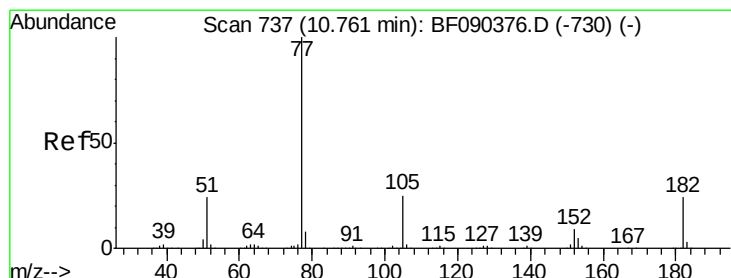
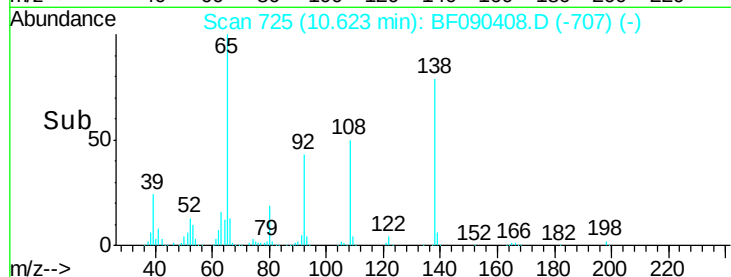
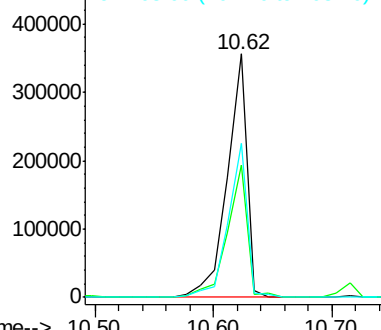
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 58.00 ng

RT: 10.76 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

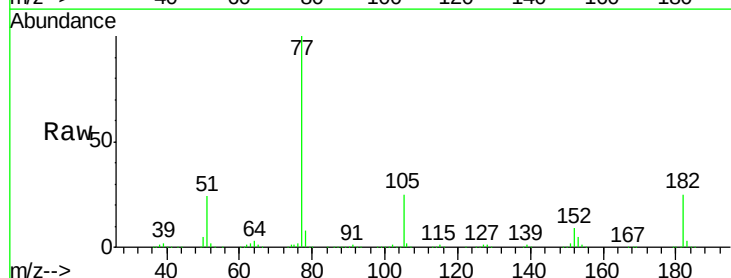
Tgt Ion: 77 Resp: 2284031
Ion Ratio Lower Upper

77 100

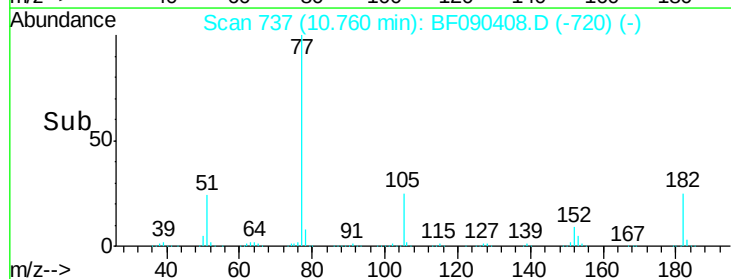
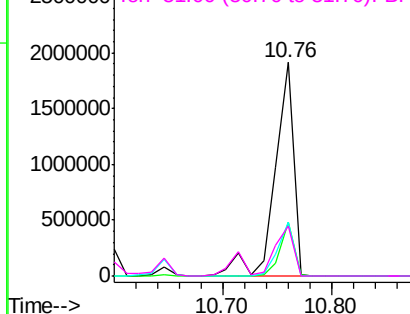
182 25.0 3.2 43.2

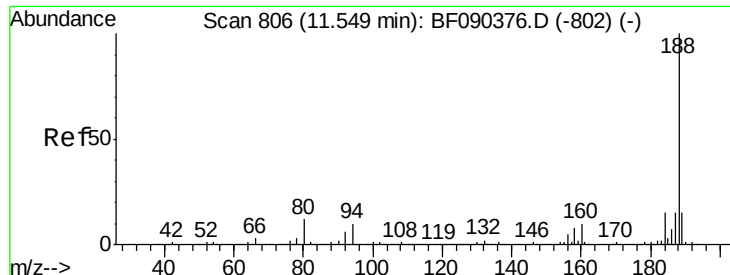
105 25.2 2.9 42.9

51 23.7 14.2 54.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





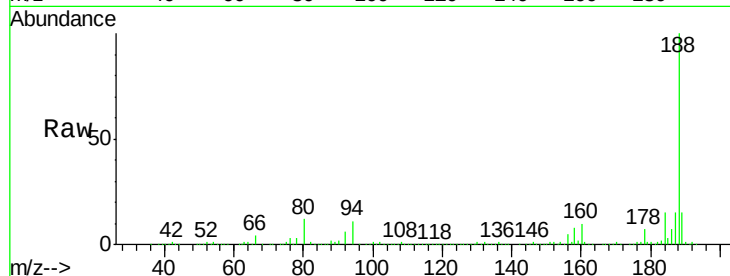
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampled :
PB93791BS

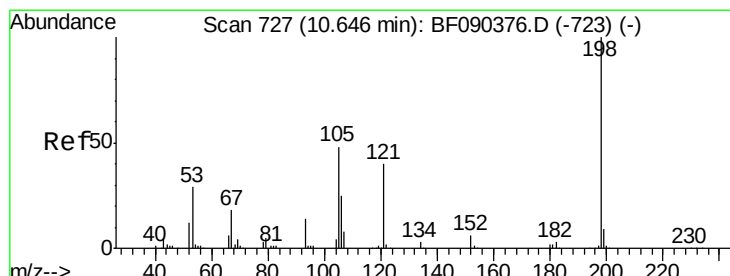
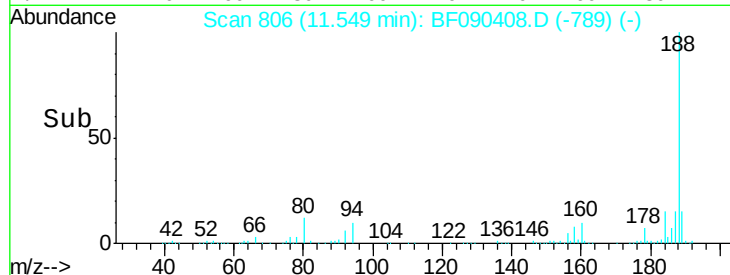
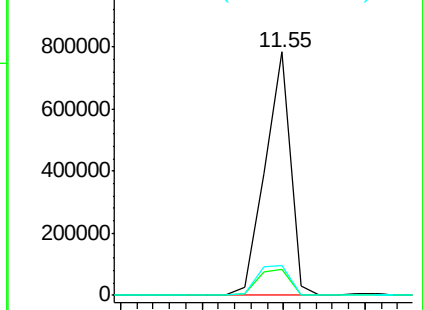
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	8.2	12.2
80	12.1	8.8	13.2

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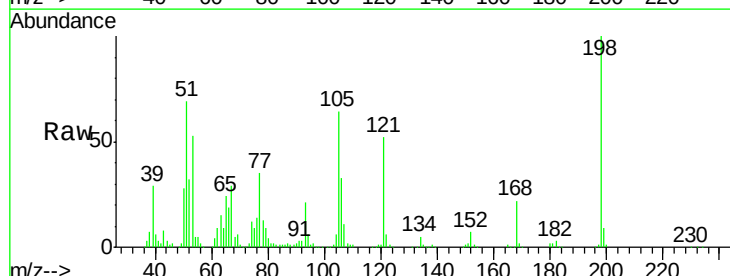


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

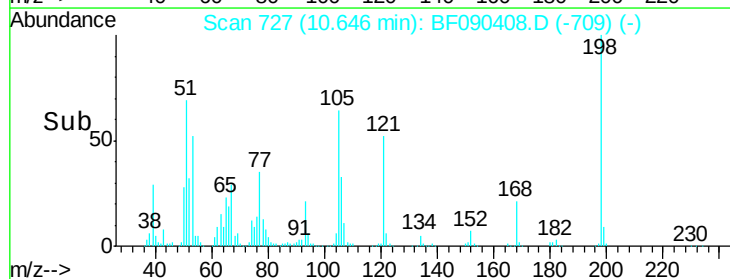
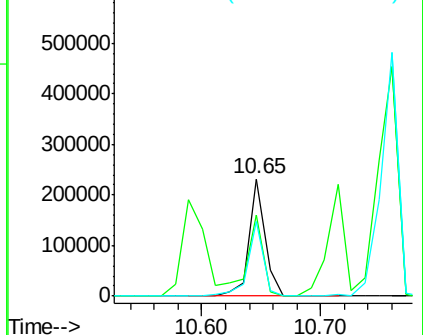


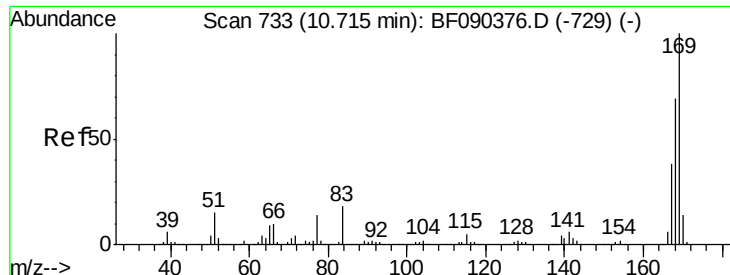
#64
4,6-Dinitro-2-methylphenol
Concen: 39.69 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	69.0	67.3	107.3
105	63.9	42.6	82.6



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





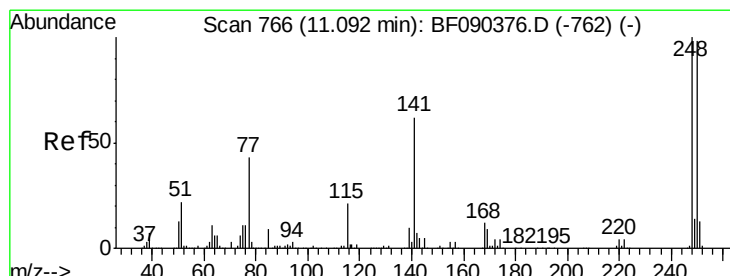
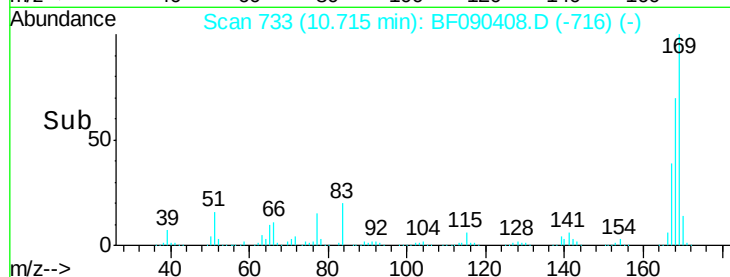
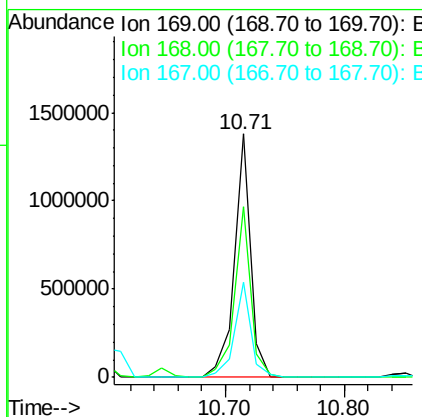
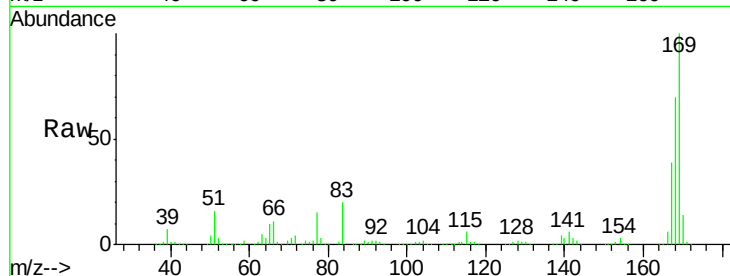
#65
n-Nitrosodiphenylamine
Concen: 46.13 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.1	53.8	80.6
167	39.0	29.8	44.8

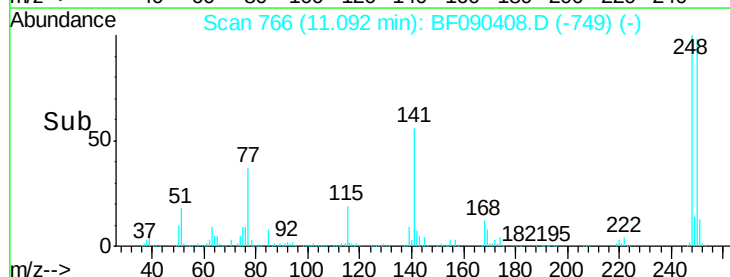
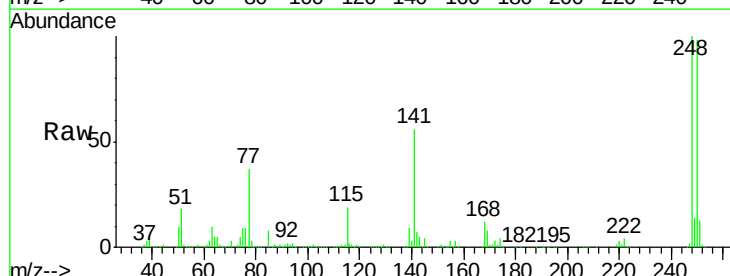
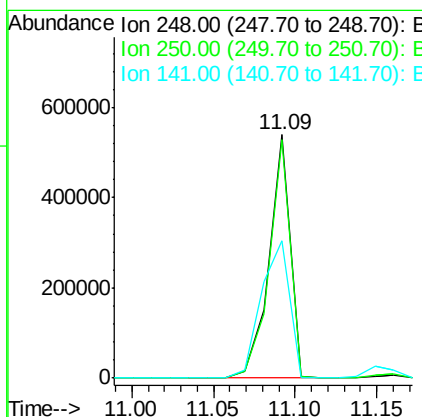
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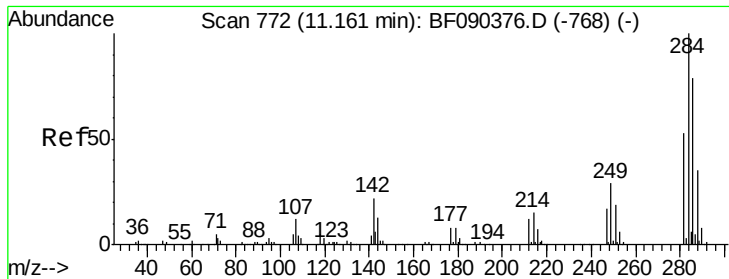
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#66
4-Bromophenyl-phenylether
Concen: 58.51 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.5	114.7
141	56.4	59.8	89.6





#67

Hexachlorobenzene

Concen: 53.11 ng

RT: 11.16 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

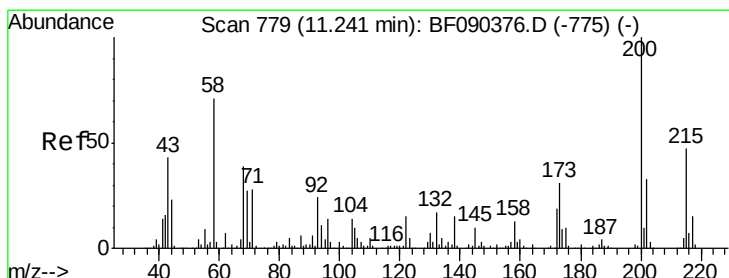
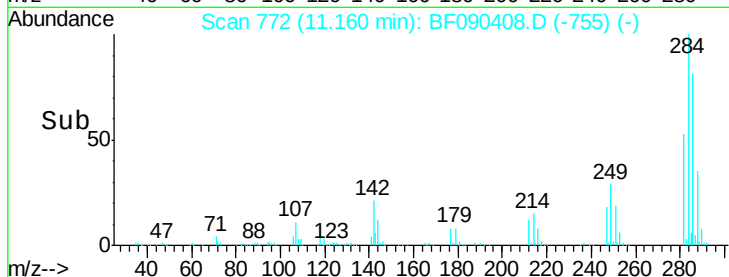
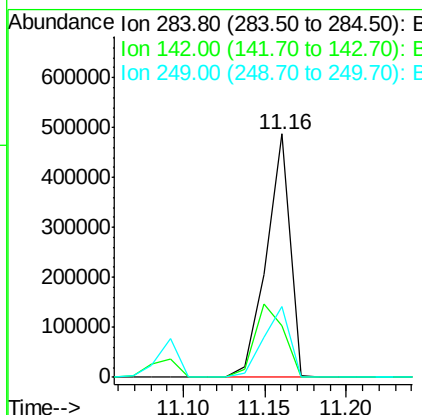
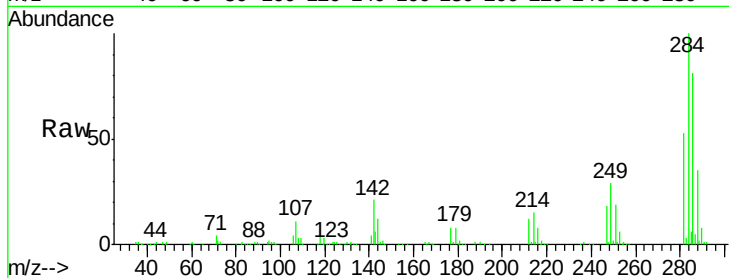
ClientSampleId :

PB93791BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	491965		
142	21.0	23.1	34.7#	
249	29.0	26.3	39.5	

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#68

Atrazine

Concen: 52.44 ng

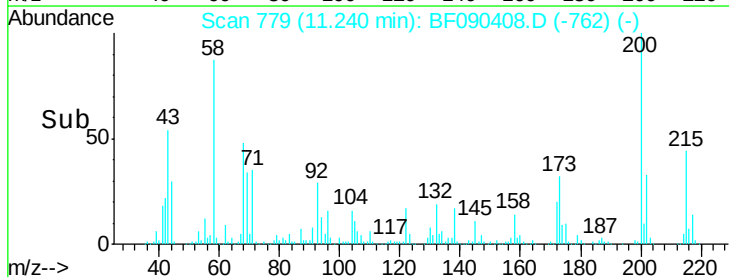
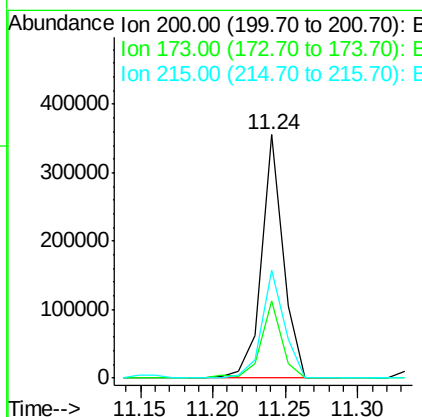
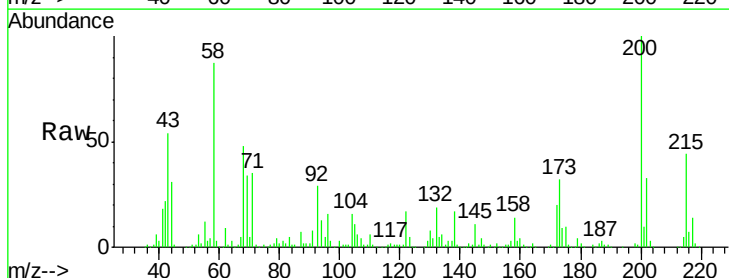
RT: 11.24 min Scan# 779

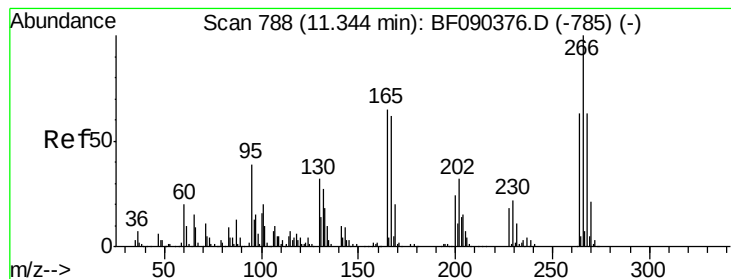
Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	367691		
173	31.7	9.0	49.0	
215	44.3	24.8	64.8	





#69

Pentachlorophenol

Concen: 108.28 ng

RT: 11.35 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

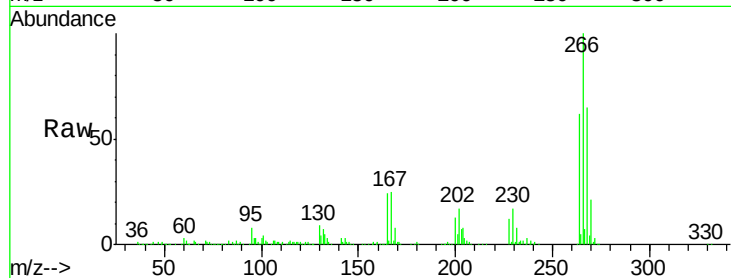
ClientSampled :

PB93791BS

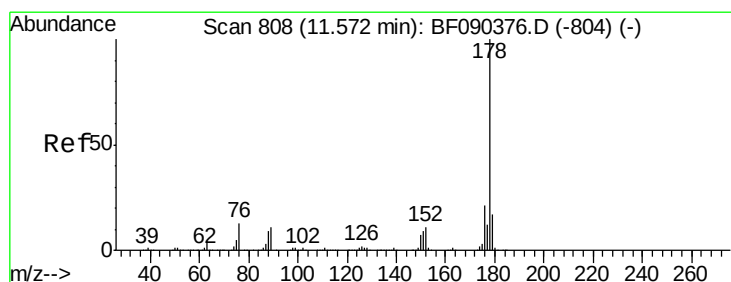
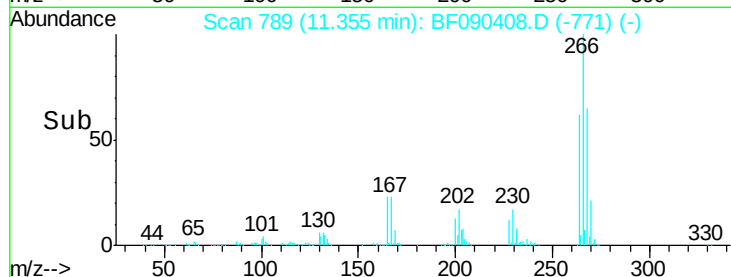
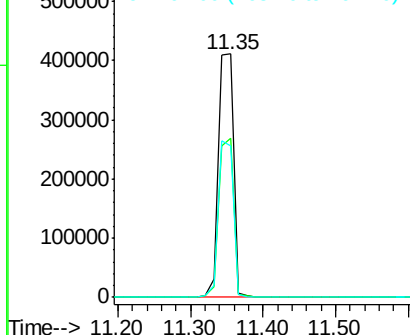
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	50.9	76.3
264	62.4	51.5	77.3

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 51.41 ng

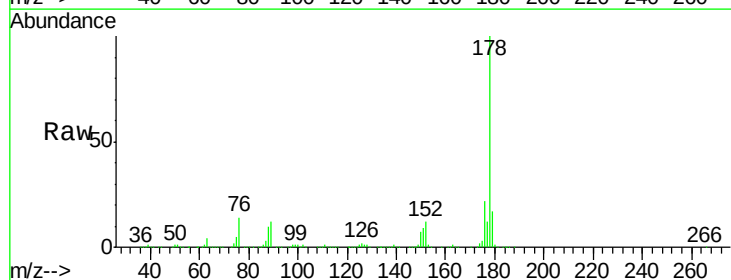
RT: 11.57 min Scan# 808

Delta R.T. -0.00 min

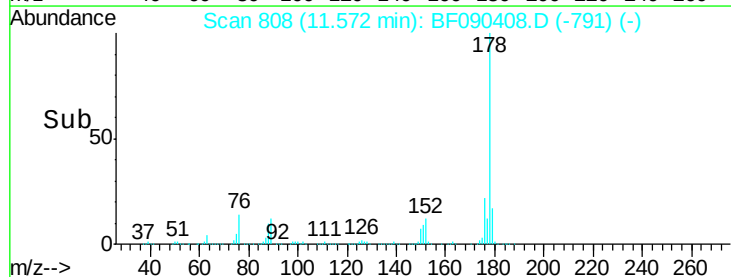
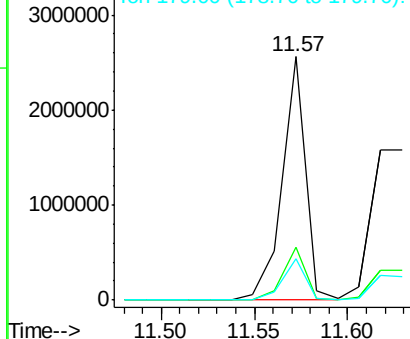
Lab File: BF090408.D

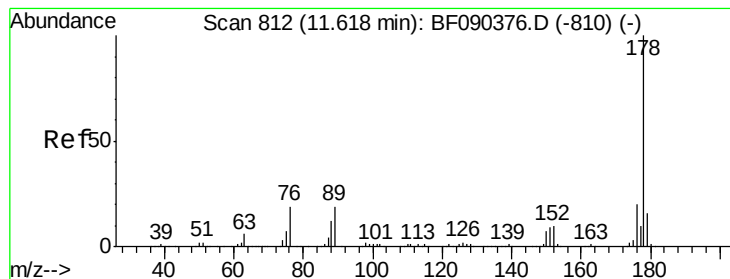
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.3	25.9
179	17.0	13.8	20.6



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





#71

Anthracene

Concen: 51.09 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tot Ion:178 Resp: 2267146

Ion Ratio Lower Upper

178 100

176 20.0 16.8 25.2

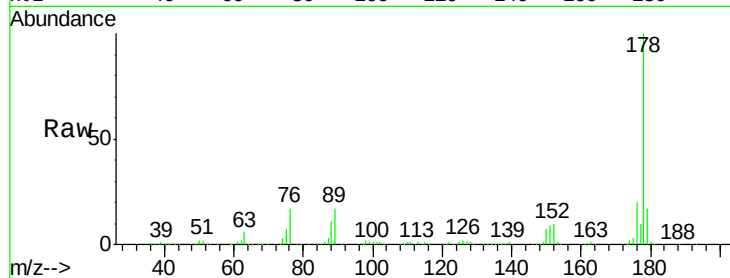
179 16.6 13.4 20.2

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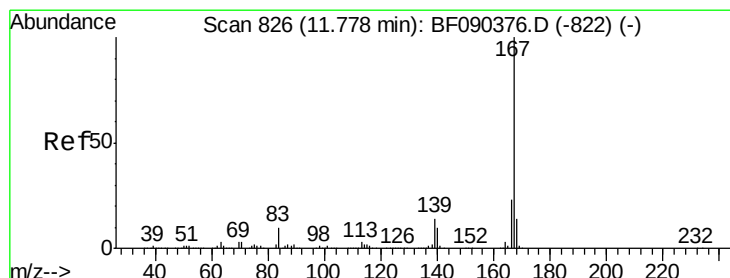
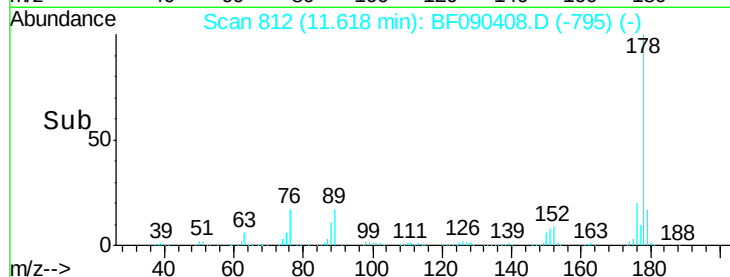
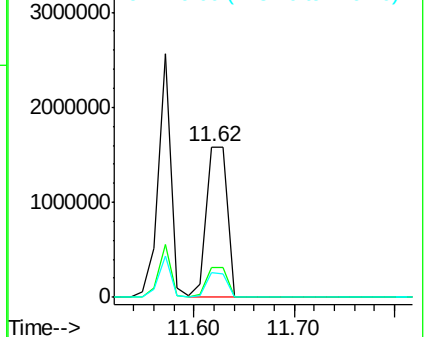
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 55.07 ng

RT: 11.78 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

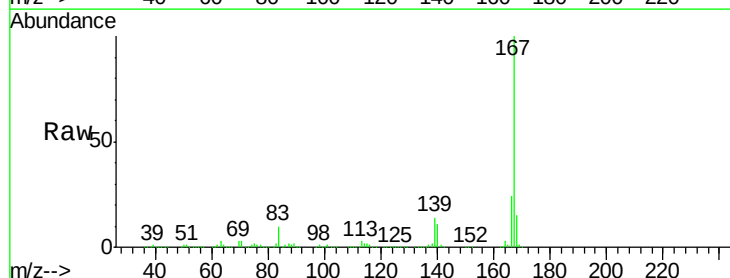
Tgt Ion:167 Resp: 2270237

Ion Ratio Lower Upper

167 100

166 23.5 19.1 28.7

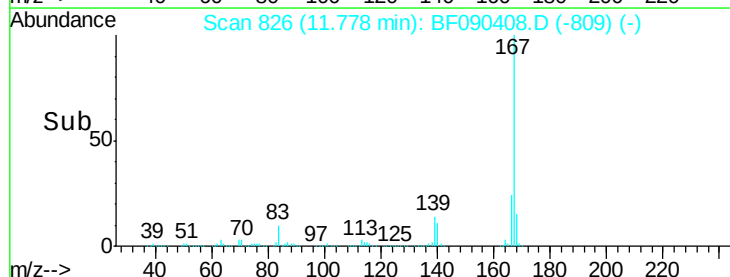
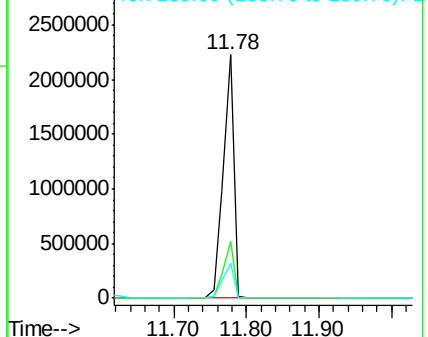
139 14.3 12.1 18.1

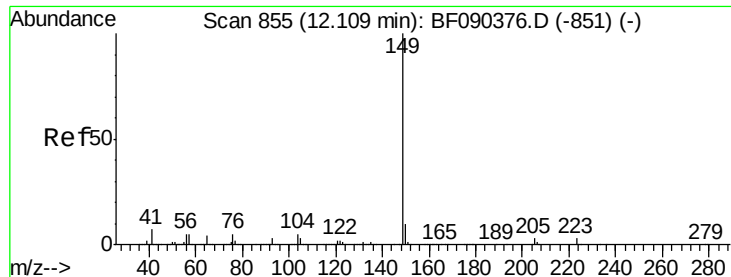


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.79 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tot Ion:149 Resp: 2698630

Ion Ratio Lower Upper

149 100

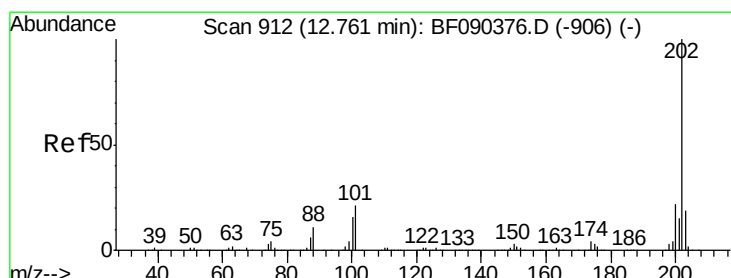
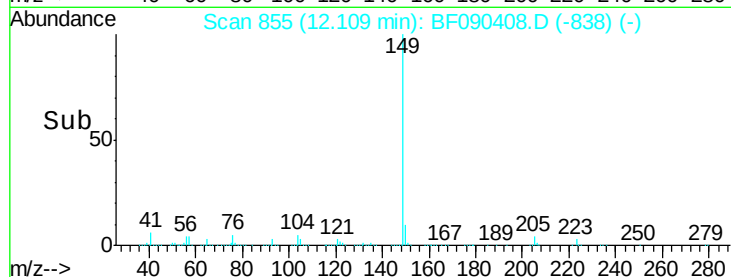
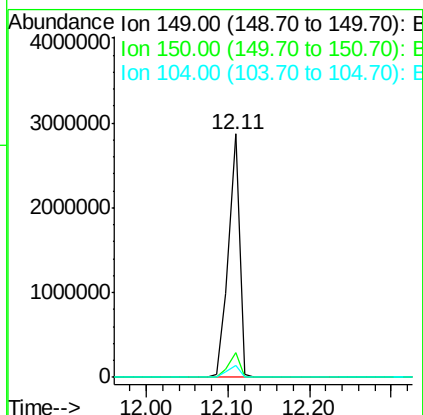
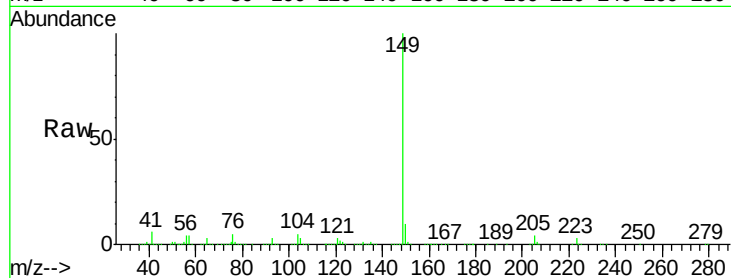
150 10.4 8.6 12.8

104 5.0 4.7 7.1

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#74

Fluoranthene

Concen: 46.61 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

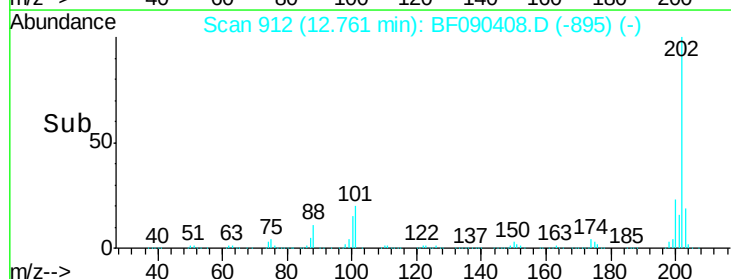
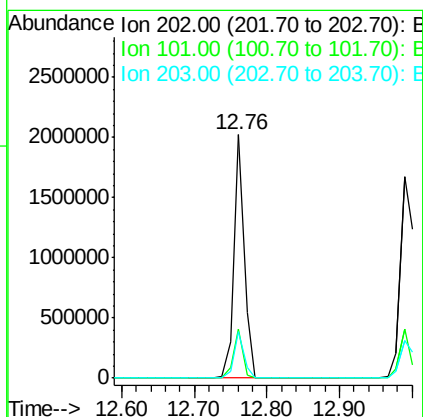
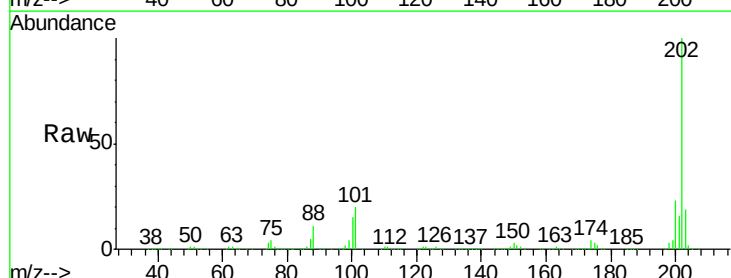
Tgt Ion:202 Resp: 1986698

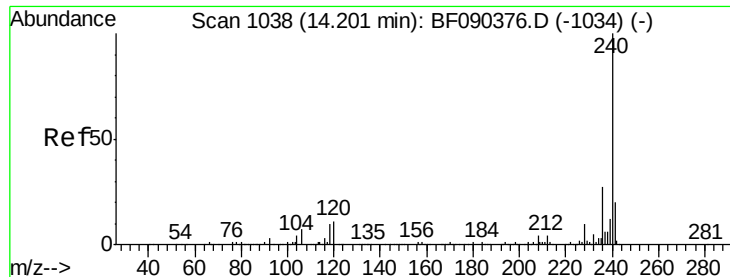
Ion Ratio Lower Upper

202 100

101 20.0 0.0 37.2

203 19.2 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: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

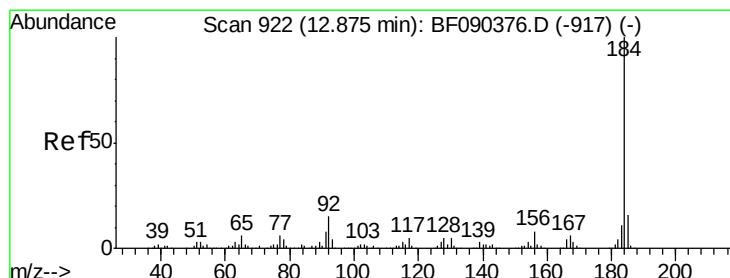
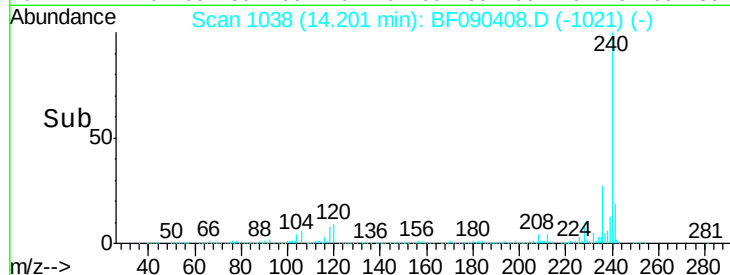
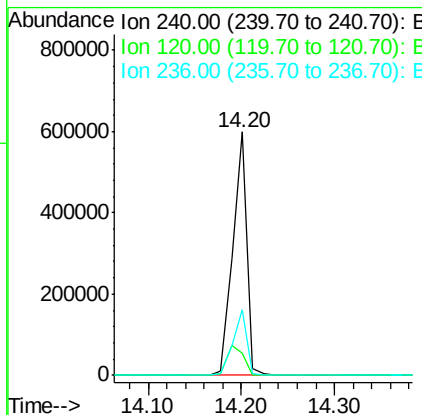
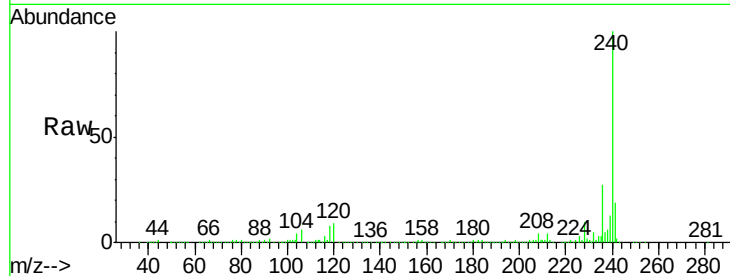
ClientSampleId :

PB93791BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.6	13.0
236	26.8	21.6	32.4

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#76

Benzidine

Concen: 48.52 ng

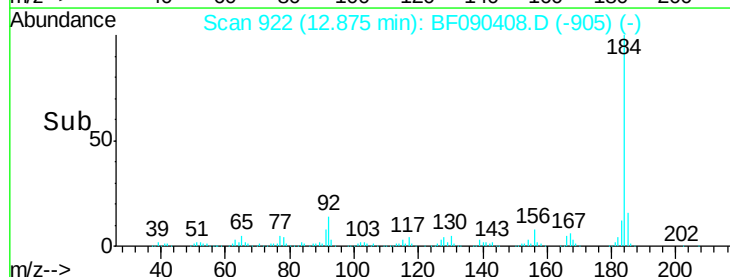
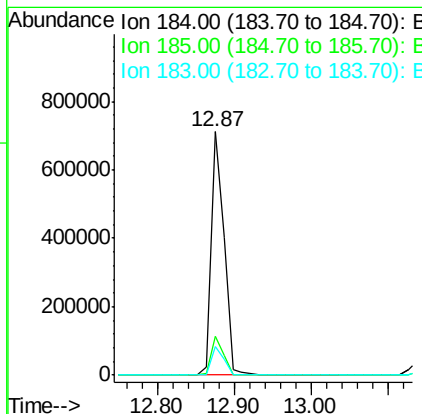
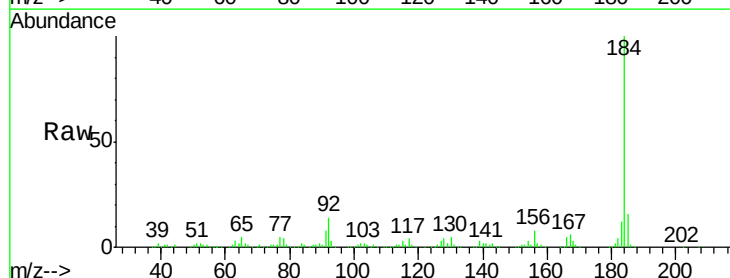
RT: 12.87 min Scan# 922

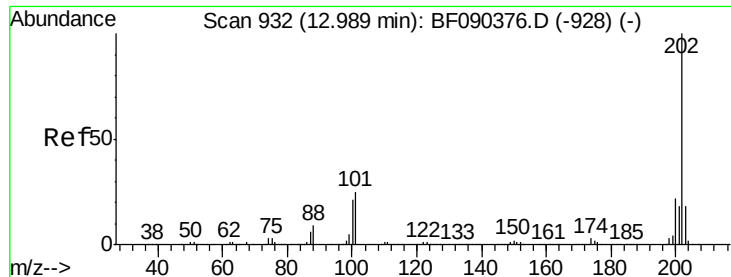
Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.8	17.8
183	11.7	9.6	14.4





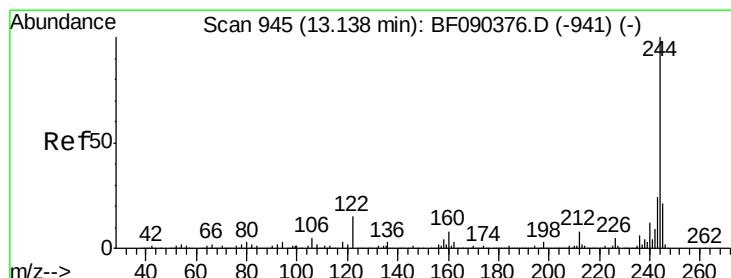
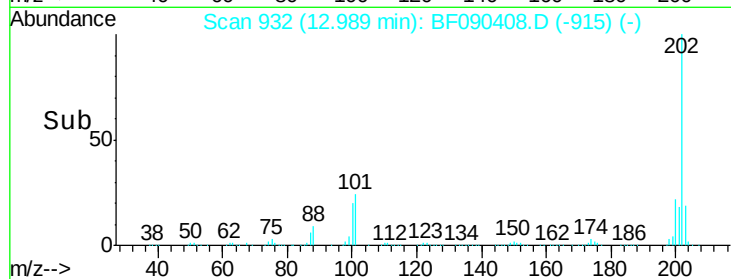
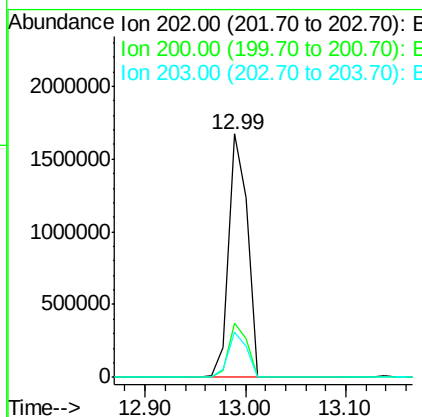
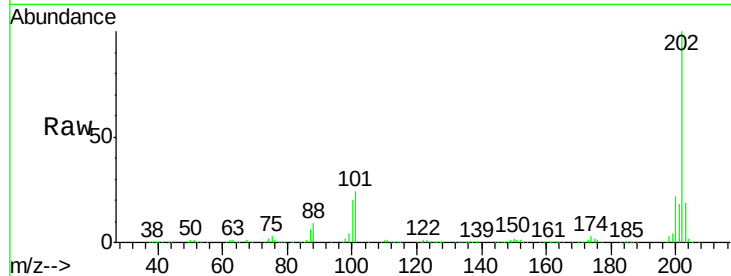
#77
Pvrene
Concen: 50.99 ng
RT: 12.99 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.5	27.7
203	18.6	15.0	22.6

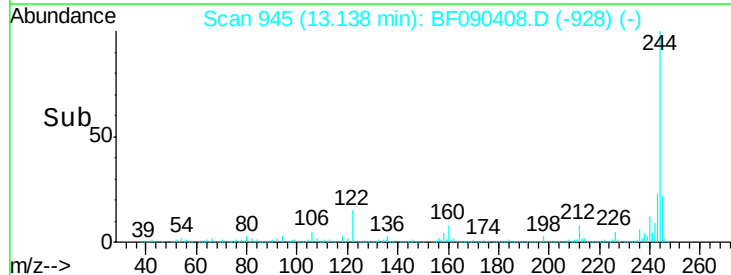
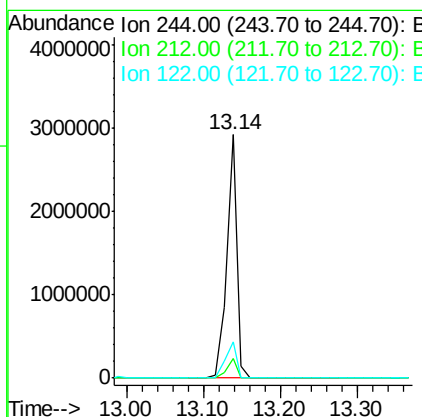
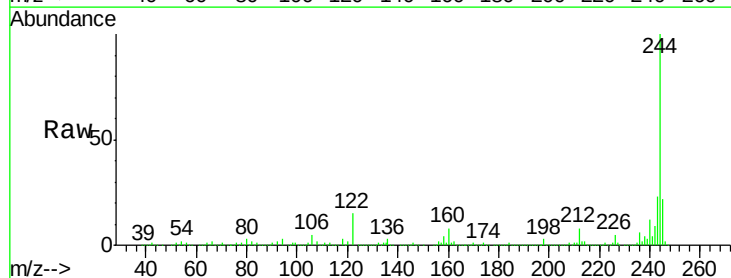
Manual Integrations
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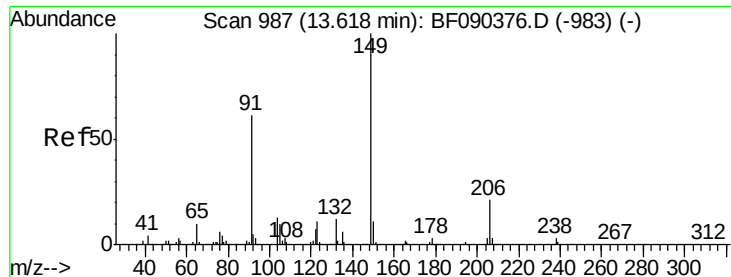
SOHIL
10/6/2016 5:27:52 PM



#78
Terphenyl-d14
Concen: 96.62 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.8	10.2
122	14.8	13.3	19.9





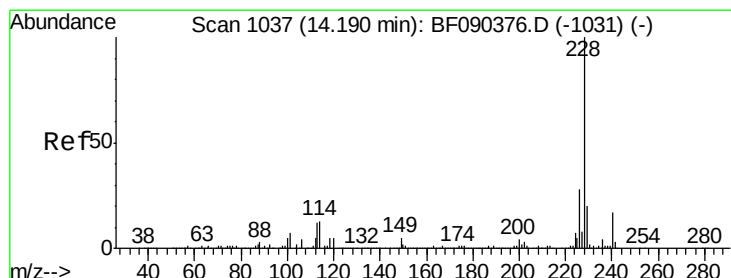
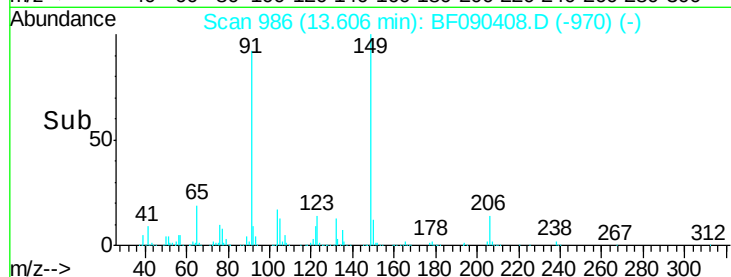
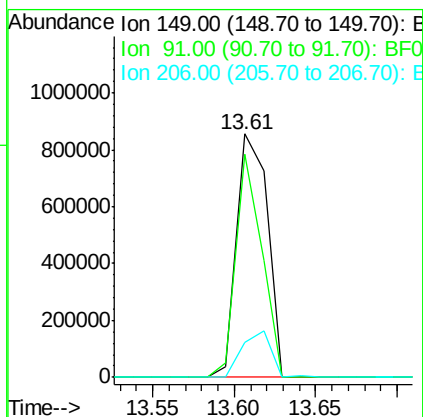
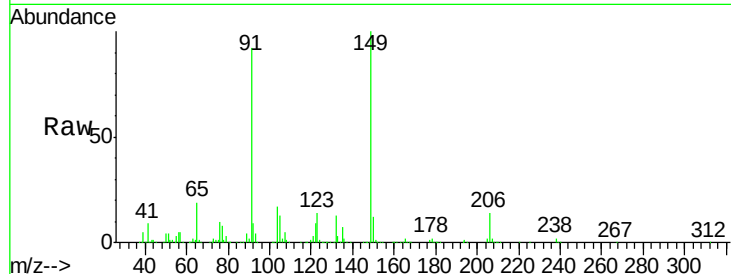
#79
Butylbenzylphthalate
Concen: 51.59 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampled :
PB93791BS

Tot Ion:149 Resp: 1117089
Ion Ratio Lower Upper
149 100
91 91.8 51.8 77.8#
206 14.2 18.0 27.0#

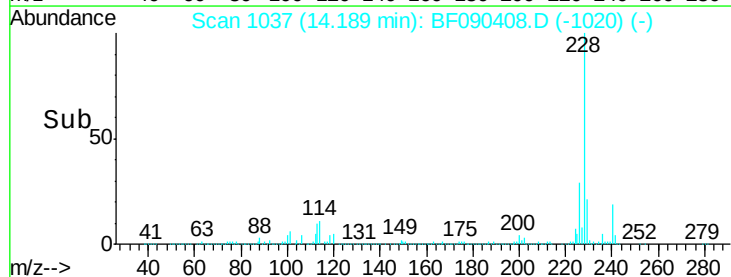
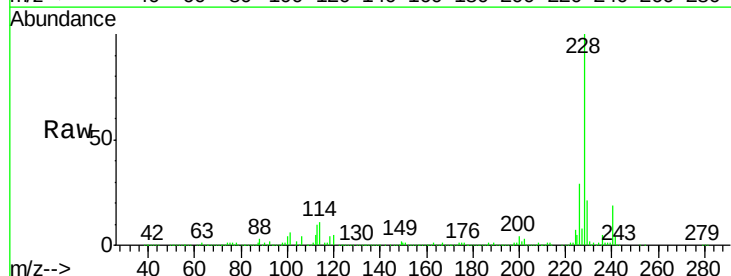
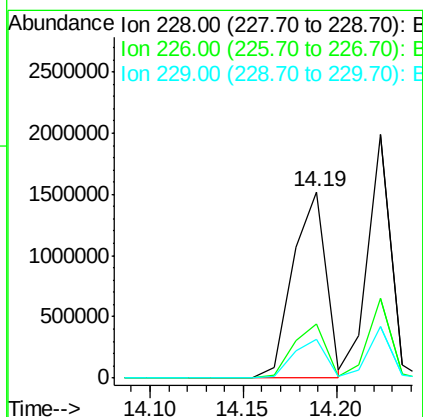
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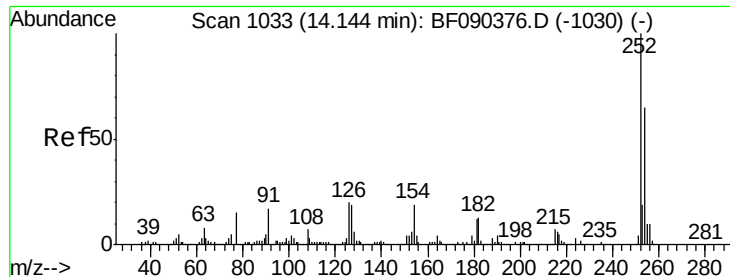
SOHIL
10/6/2016 5:27:52 PM



#80
Benzo(a)anthracene
Concen: 53.07 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:228 Resp: 1884391
Ion Ratio Lower Upper
228 100
226 29.0 23.6 35.4
229 20.8 16.6 25.0





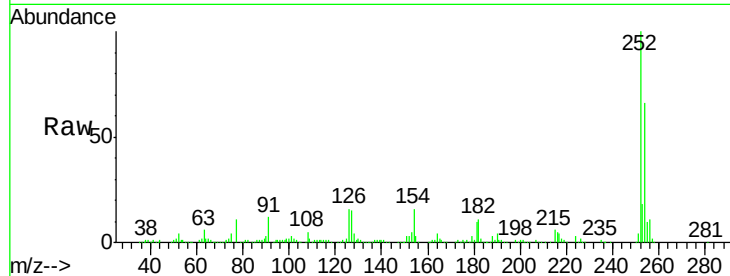
#81
 3,3'-Dichlorobenzidine
 Concen: 24.95 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampled :
 PB93791BS

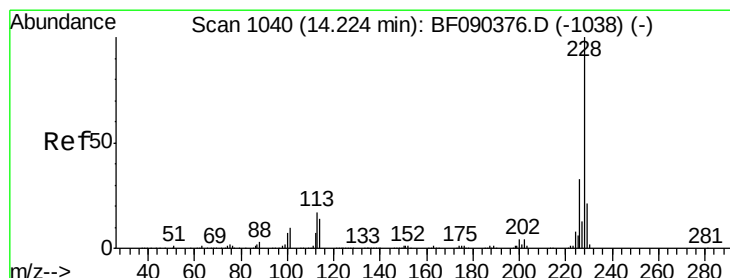
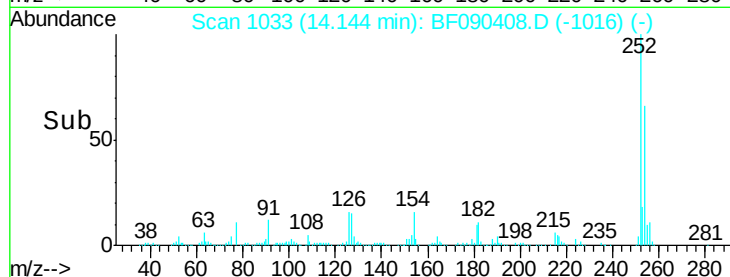
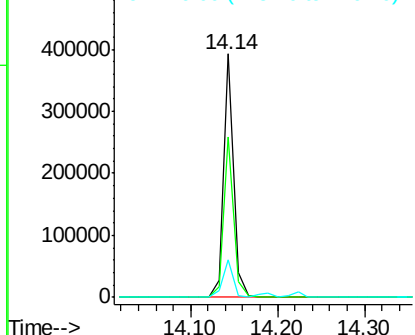
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.1	78.1
126	15.7	4.2	6.4

Manual Integrations
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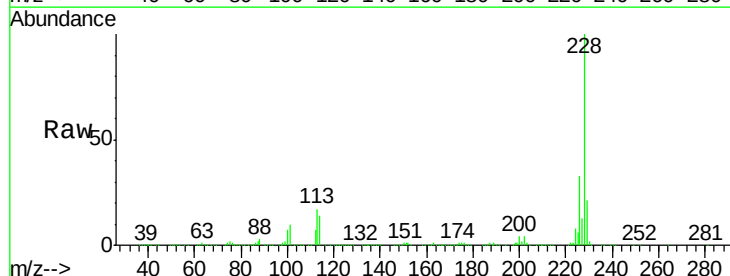


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

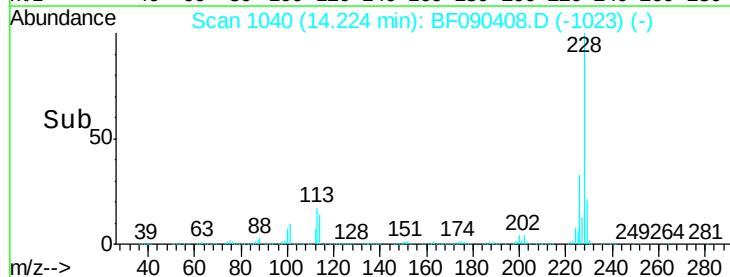
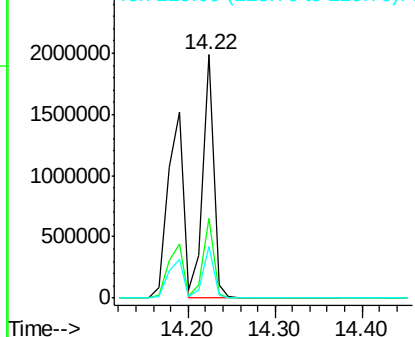


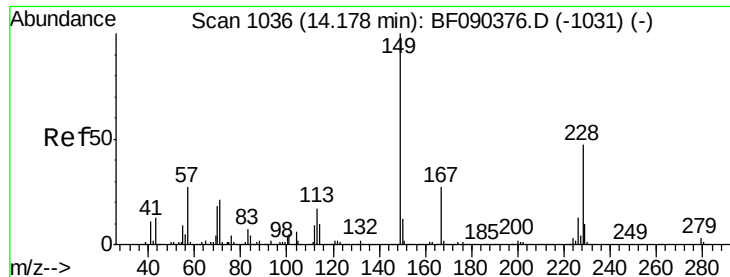
#82
 Chrysene
 Concen: 51.79 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.8	38.6
229	21.2	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





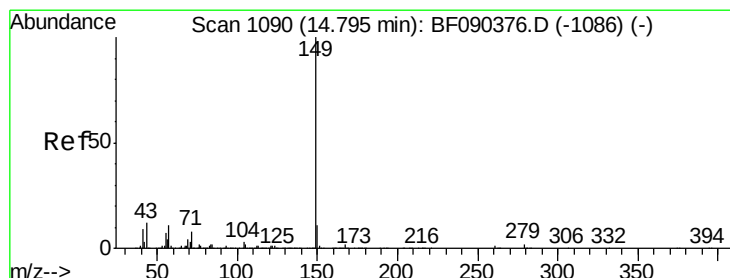
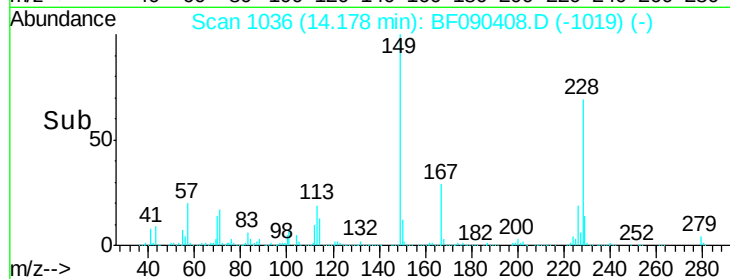
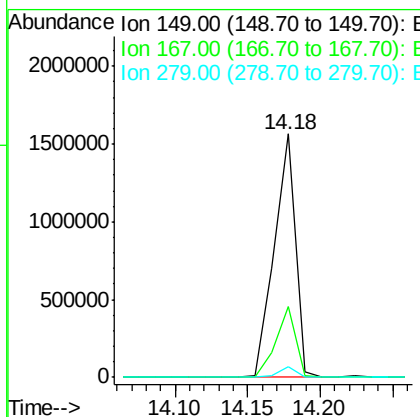
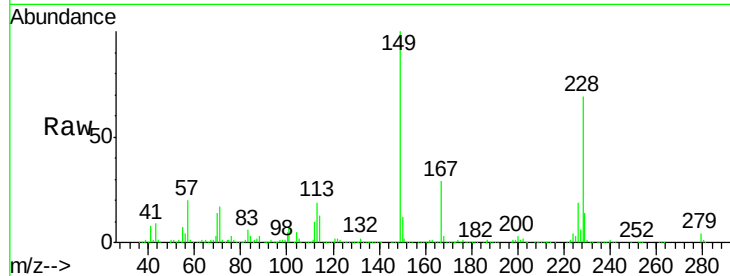
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.66 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tot Ion:149 Resp: 1590178
 Ion Ratio Lower Upper
 149 100
 167 29.2 21.5 32.3
 279 4.4 2.6 3.8#

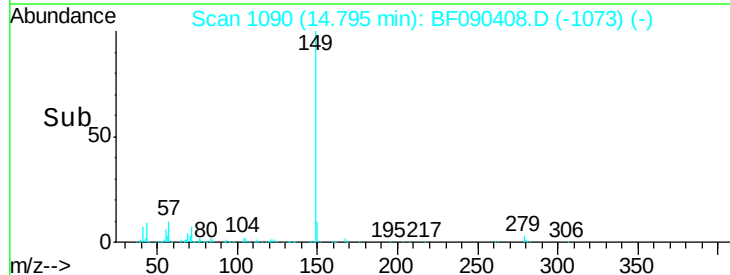
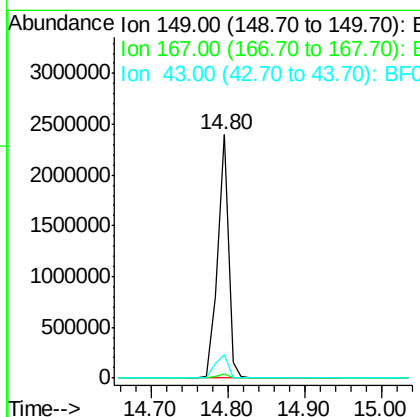
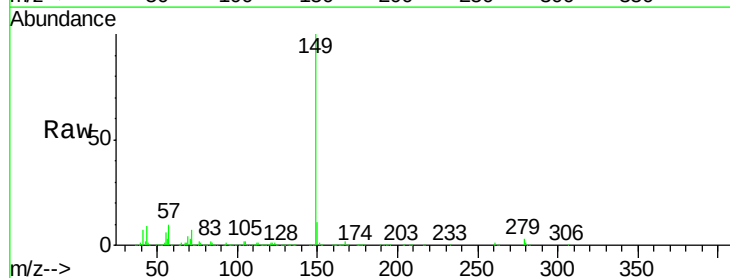
Manual Integrations
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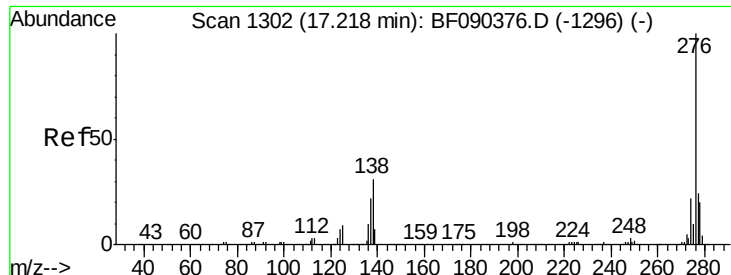
SOHIL
 10/6/2016 5:27:52 PM



#84
 Di-n-octyl phthalate
 Concen: 51.02 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion:149 Resp: 2327943
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 11.8 17.8#





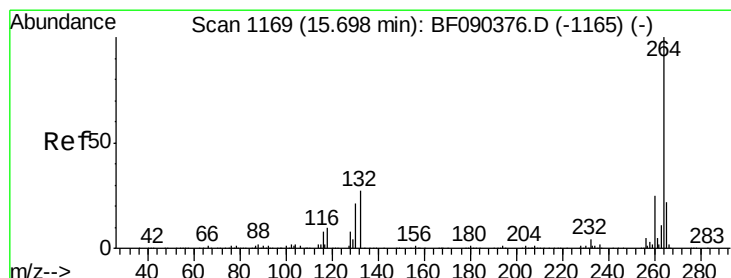
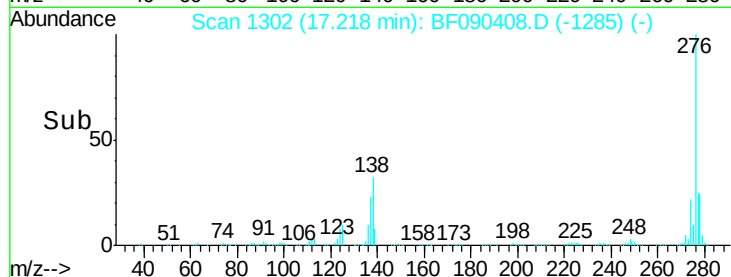
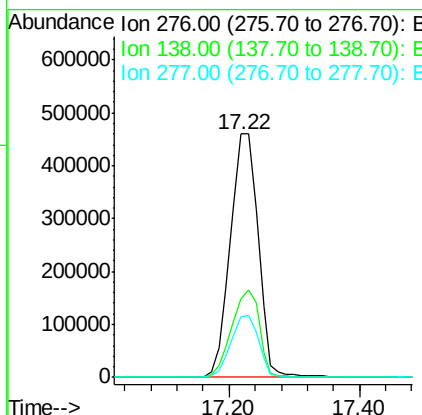
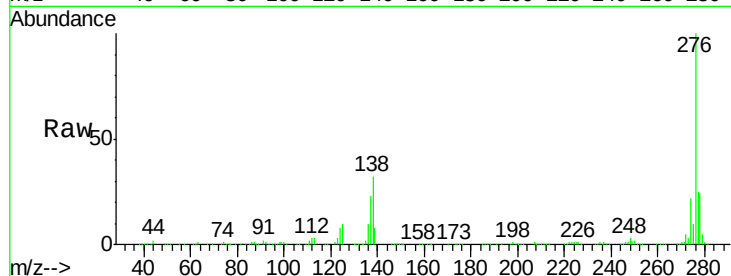
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.40 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.0	23.8	35.8#
277	25.3	20.4	30.6

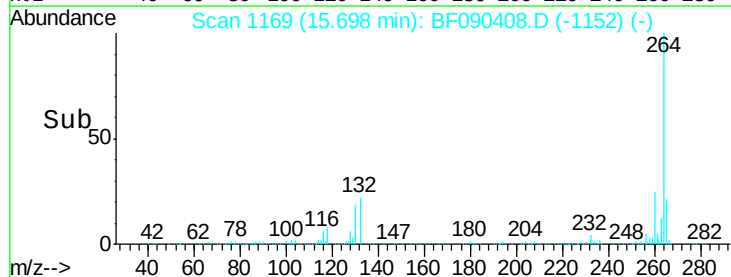
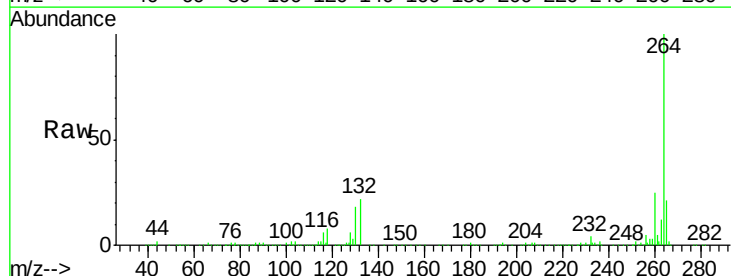
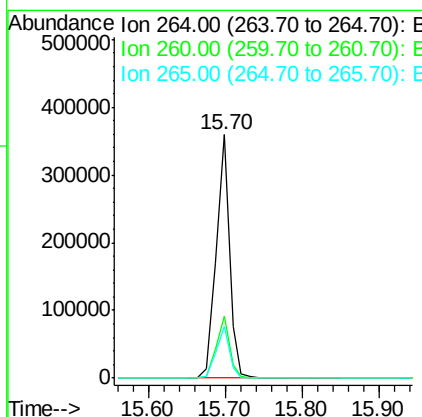
Manual Integrations
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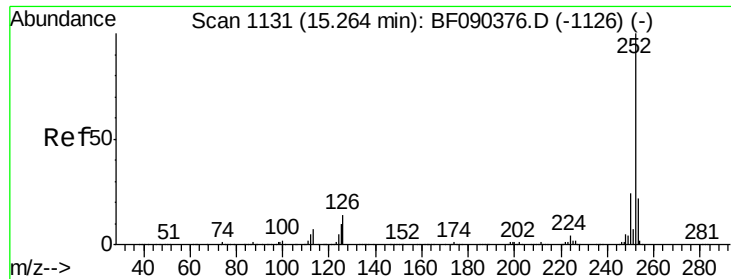
SOHIL
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	21.4	17.4	26.0





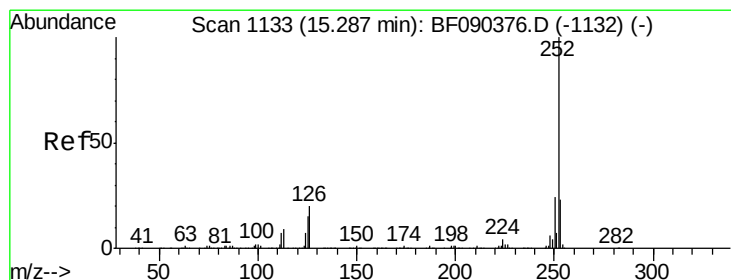
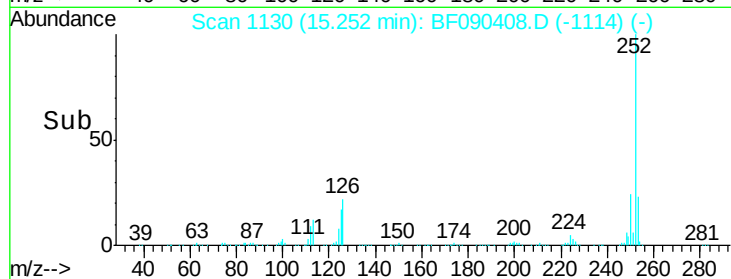
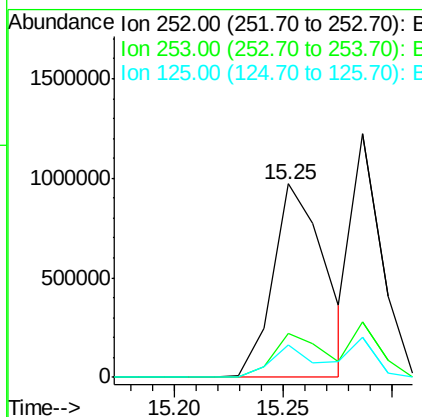
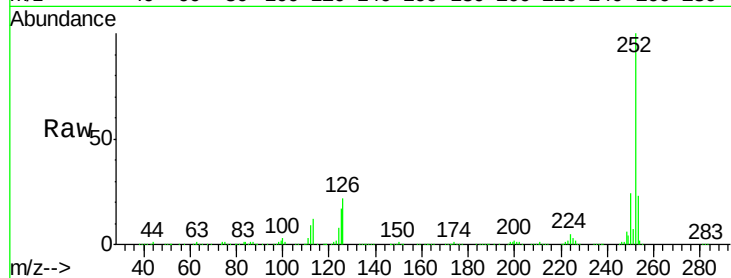
#87
Benzo(b)fluoranthene
Concen: 58.69 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tot Ion:252 Resp: 1621248
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 16.6 7.0 10.4#

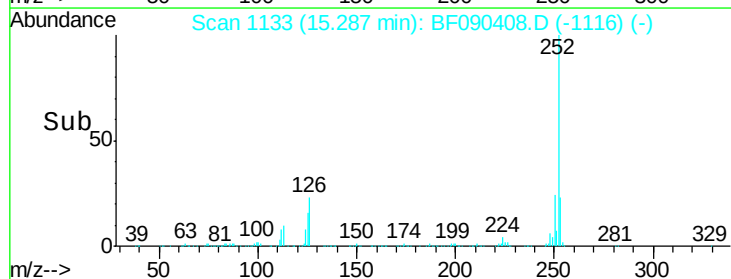
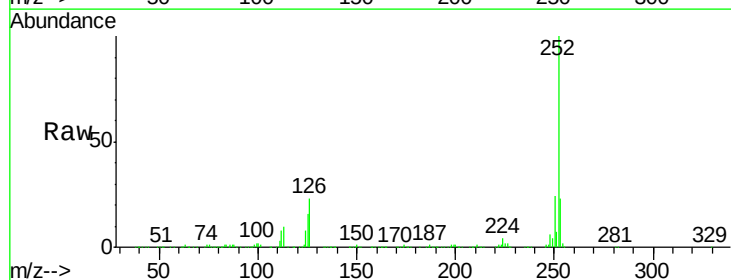
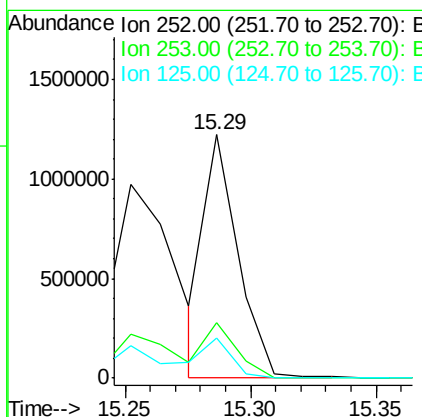
Manual Integrations
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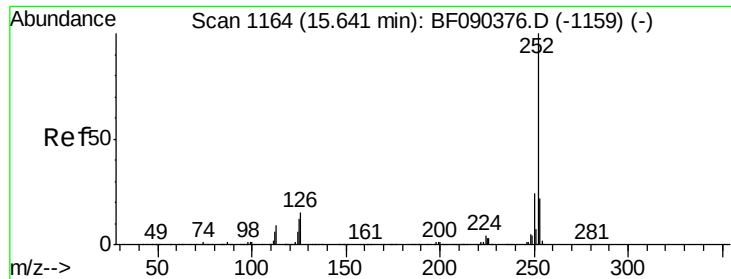
SOHIL
10/6/2016 5:27:52 PM



#88
Benzo(k)fluoranthene
Concen: 44.02 ng m
RT: 15.29 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:252 Resp: 1142313
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 16.3 11.7 17.5





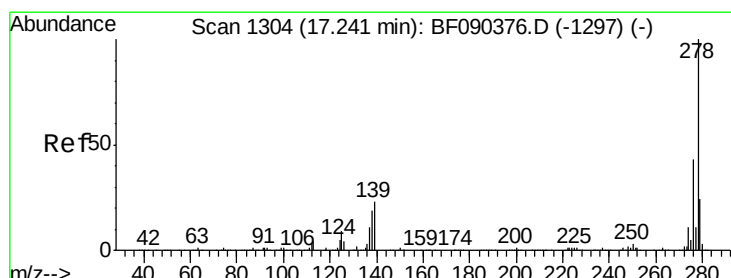
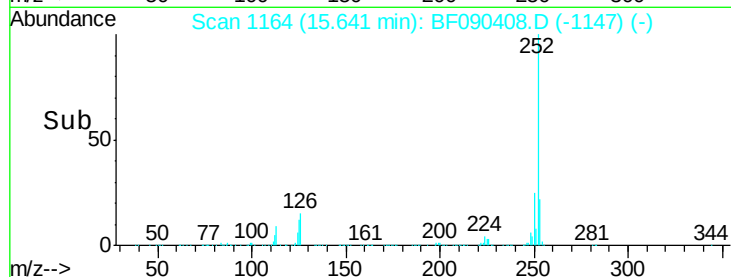
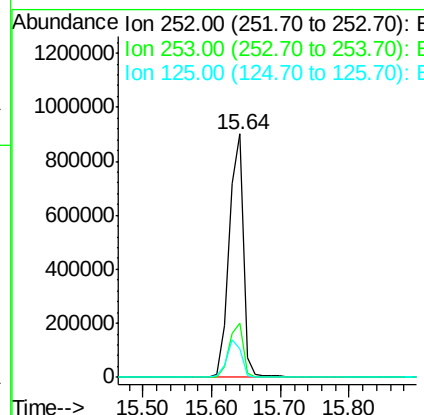
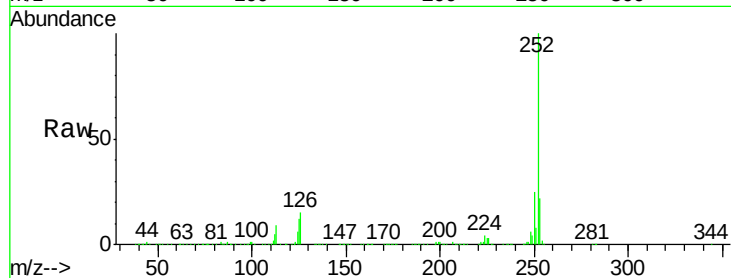
#89
Benzo(a)pyrene
Concen: 55.53 ng
RT: 15.64 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.7	9.8	14.8

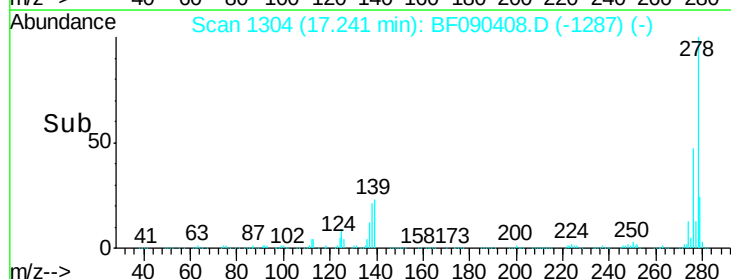
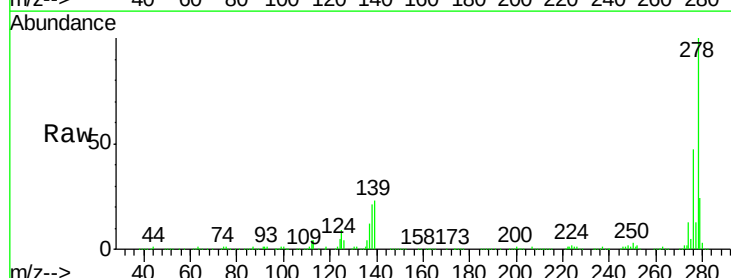
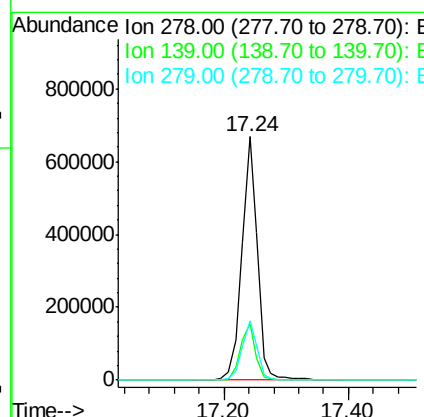
Manual Integrations
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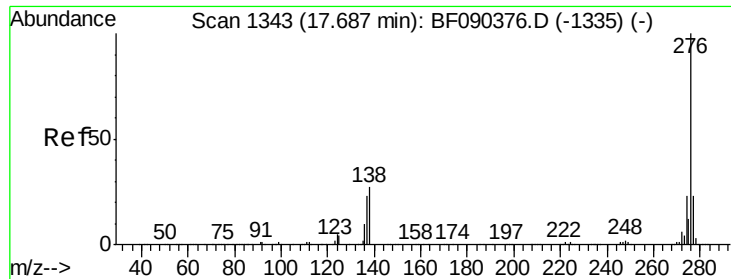
SOHIL
10/6/2016 5:27:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 57.61 ng
RT: 17.24 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	12.8	19.2#
279	24.3	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 56.45 ng
 RT: 17.69 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	29.0	20.8	31.2

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:52 PM

