

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090415.D
 Acq On : 6 Oct 2016 7:34
 Operator : UM/SJ
 Sample : PB93730BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Quant Time: Oct 06 08:15:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	267118	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1143342	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	556582	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	944294	20.00	ng	0.00
75) Chrysene-d12	14.20	240	707102	20.00	ng	0.00
86) Perylene-d12	15.70	264	510860	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1892498	105.74	ng	0.01
7) Phenol-d6	6.63	99	2764759	117.94	ng	0.01
23) Nitrobenzene-d5	7.57	82	1849166	78.67	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	711843	157.29	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2848706	85.28	ng	0.00
78) Terphenyl-d14	13.14	244	2792565	88.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	276587	31.35	ng	# 94
3) Pyridine	3.57	79	846665	34.42	ng	# 83
4) n-Nitrosodimethylamine	3.53	42	378047	37.24	ng	# 57
6) Aniline	6.66	93	792139	24.46	ng	97
8) 2-Chlorophenol	6.79	128	721844	36.65	ng	85
9) Benzaldehyde	6.54	77	387702	32.72	ng	89
10) Phenol	6.65	94	1134198	41.62	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	837026	40.11	ng	96
12) 1,3-Dichlorobenzene	7.02	146	770524	39.24	ng	98
13) 1,4-Dichlorobenzene	7.02	146	770524	38.64	ng	95
14) 1,2-Dichlorobenzene	7.17	146	674032	35.08	ng	96
15) Benzyl Alcohol	7.14	79	712913	40.01	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1284144	36.29	ng	91
17) 2-Methylphenol	7.25	107	623316	38.48	ng	99
18) Hexachloroethane	7.51	117	289276	36.80	ng	# 88
19) n-Nitroso-di-n-propylamine	7.42	70	669633	38.96	ng	# 80
20) 3+4-Methylphenols	7.41	107	843677	40.24	ng	# 63
22) Acetophenone	7.41	105	1037901	38.33	ng	# 97
24) Nitrobenzene	7.58	77	817716	35.04	ng	96
25) Isophorone	7.82	82	1600059	37.23	ng	97
26) 2-Nitrophenol	7.90	139	384935	38.33	ng	# 80
27) 2,4-Dimethylphenol	7.94	122	695607	35.61	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	1058667	41.65	ng	98
29) 2,4-Dichlorophenol	8.14	162	534839	36.02	ng	87
30) 1,2,4-Trichlorobenzene	8.23	180	613623	40.09	ng	97
31) Naphthalene	8.31	128	2089861	37.89	ng	99
32) Benzoic acid	8.06	122	497511	36.64	ng	95
33) 4-Chloroaniline	8.36	127	274216	12.03	ng	# 90
34) Hexachlorobutadiene	8.44	225	308669	36.10	ng	97
35) Caprolactam	8.73	113	115929	23.22	ng	96
36) 4-Chloro-3-methylphenol	8.84	107	673952	36.25	ng	97
37) 2-Methylnaphthalene	9.01	142	1424966	42.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	544827	37.13	ng	# 98
40) Hexachlorocyclopentadiene	9.17	237	691075	85.92	ng	98

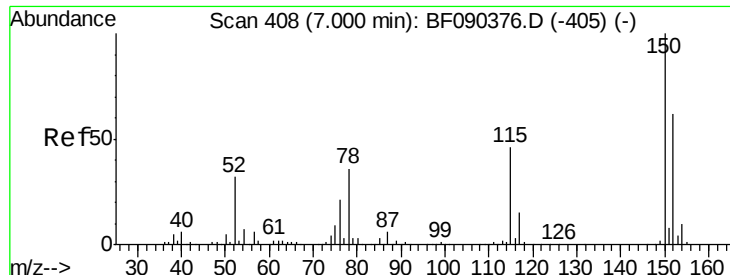
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	454171	44.85	ng	100
43) 2,4,5-Trichlorophenol	9.32	196	349104	36.46	ng #	93
45) 1,1'-Biphenyl	9.47	154	1514768	36.73	ng	93
46) 2-Chloronaphthalene	9.50	162	1296384	42.54	ng	94
47) 2-Nitroaniline	9.58	65	482640	40.14	ng #	83
48) Acenaphthylene	9.91	152	1835534	36.51	ng	99
49) Dimethylphthalate	9.78	163	1549423	43.47	ng	98
50) 2,6-Dinitrotoluene	9.83	165	348534	44.04	ng #	83
51) Acenaphthene	10.09	154	1332914	42.52	ng	97
52) 3-Nitroaniline	9.99	138	190402	20.60	ng #	80
53) 2,4-Dinitrophenol	10.11	184	379942	107.68	ng	96
54) Dibenzofuran	10.26	168	1697118	41.82	ng	92
55) 4-Nitrophenol	10.17	139	697871	86.28	ng #	65
56) 2,4-Dinitrotoluene	10.23	165	404416	38.40	ng #	27
57) Fluorene	10.60	166	1388903	40.73	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	374359	52.35	ng	97
59) Diethylphthalate	10.47	149	1465849	39.74	ng #	92
60) 4-Chlorophenyl-phenylether	10.60	204	686948	44.30	ng #	86
61) 4-Nitroaniline	10.62	138	395109	42.42	ng	87
62) Azobenzene	10.76	77	1968963	46.22	ng	87
64) 4,6-Dinitro-2-methylphenol	10.65	198	231276	37.61	ng #	68
65) n-Nitrosodiphenylamine	10.71	169	1248207	39.45	ng	98
66) 4-Bromophenyl-phenylether	11.09	248	401719	43.40	ng #	86
67) Hexachlorobenzene	11.16	284	409480	39.72	ng #	82
68) Atrazine	11.24	200	362190	46.42	ng	98
69) Pentachlorophenol	11.34	266	491945	80.17	ng	100
70) Phenanthrene	11.57	178	2130754	44.07	ng	100
71) Anthracene	11.62	178	1891716	38.31	ng	99
72) Carbazole	11.78	167	1989693	43.37	ng	97
73) Di-n-butylphthalate	12.11	149	2488194	44.57	ng #	97
74) Fluoranthene	12.76	202	1847378	38.95	ng	98
76) Benzidine	12.87	184	667224	35.89	ng	99
77) Pyrene	12.99	202	1803132	38.24	ng	99
79) Butylbenzylphthalate	13.61	149	931264	38.49	ng #	73
80) Benzo(a)anthracene	14.18	228	1710373	43.11	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	409612	28.48	ng #	98
82) Chrysene	14.22	228	1627739	44.58	ng	100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1439317	41.86	ng #	97
84) Di-n-octyl phthalate	14.80	149	2183851	42.84	ng #	92
85) Indeno(1,2,3-cd)pyrene	17.22	276	1202886	46.21	ng #	93
87) Benzo(b)fluoranthene	15.25	252	1513107	46.50	ng #	95
88) Benzo(k)fluoranthene	15.25	252	1513107	49.50	ng	98
89) Benzo(a)pyrene	15.63	252	1169537	41.70	ng #	94
90) Dibenzo(a,h)anthracene	17.24	278	1040032	43.59	ng #	97
91) Benzo(g,h,i)perylene	17.68	276	961401	41.98	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

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BNA_F

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PB93730BS

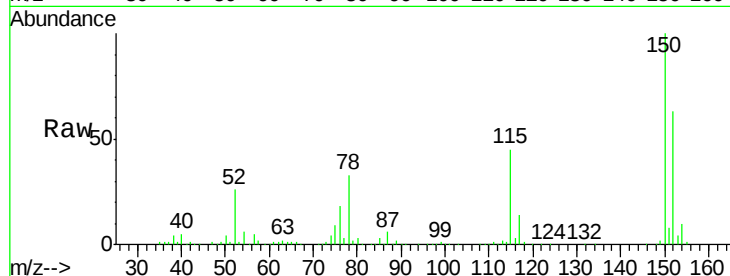
Tgt Ion:152 Resp: 267118

Ion Ratio Lower Upper

152 100

150 157.8 124.6 186.8

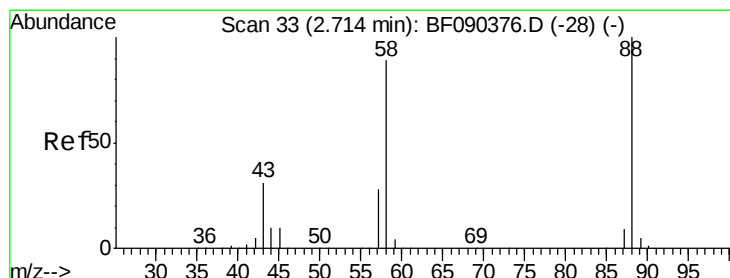
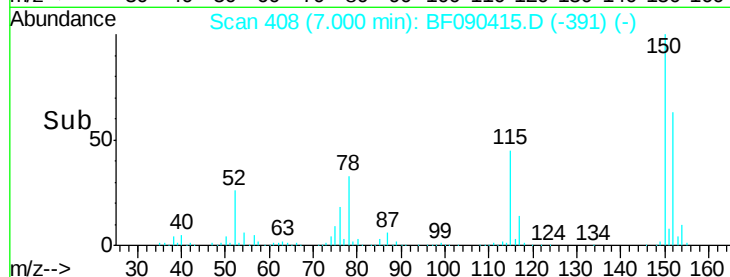
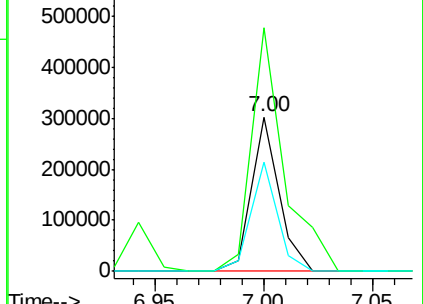
115 70.5 46.2 69.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.35 ng

RT: 2.82 min Scan# 42

Delta R.T. 0.10 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

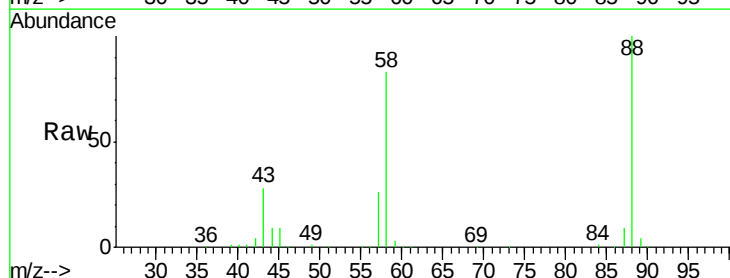
Tgt Ion: 88 Resp: 276587

Ion Ratio Lower Upper

88 100

58 85.8 71.2 106.8

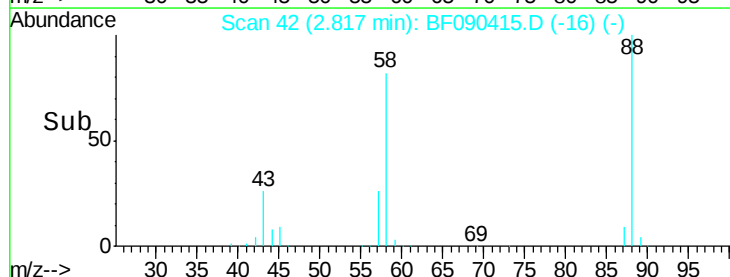
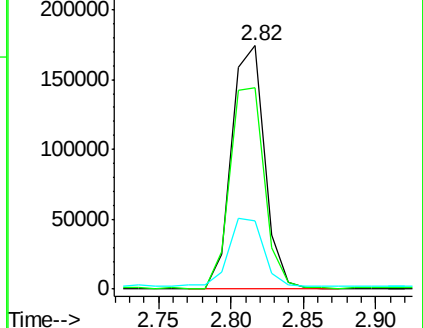
43 29.3 29.8 44.6#

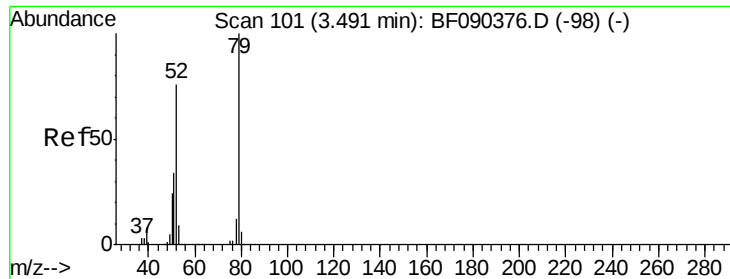


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.42 ng

RT: 3.57 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

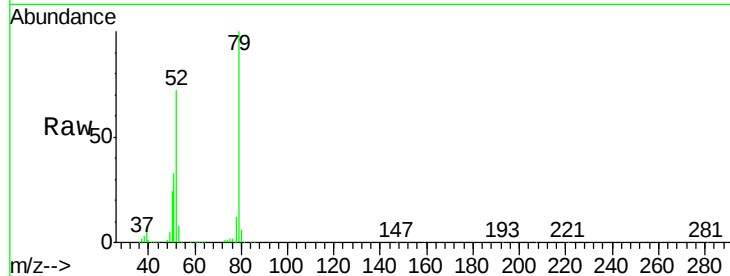
Tgt Ion: 79 Resp: 846665

Ion Ratio Lower Upper

79 100

52 72.3 71.3 106.9

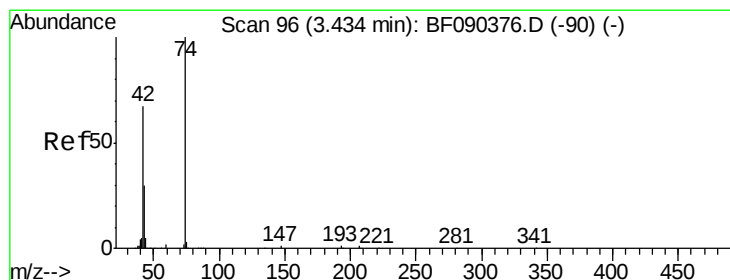
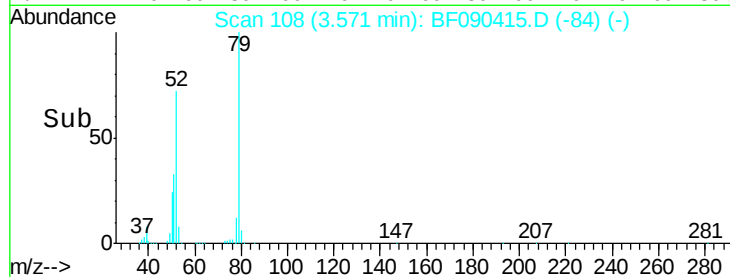
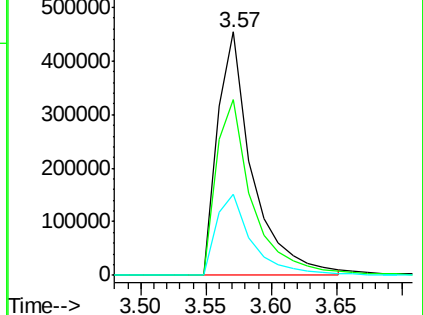
51 33.3 34.5 51.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.24 ng

RT: 3.53 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

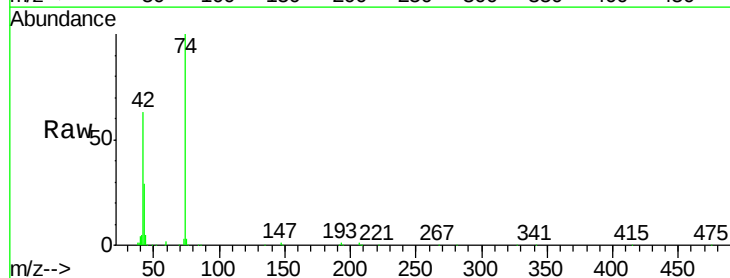
Tgt Ion: 42 Resp: 378047

Ion Ratio Lower Upper

42 100

74 160.0 88.9 133.3#

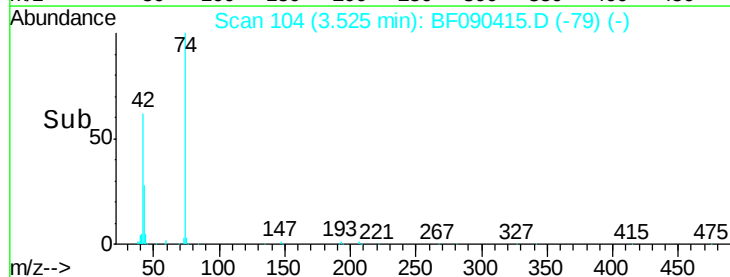
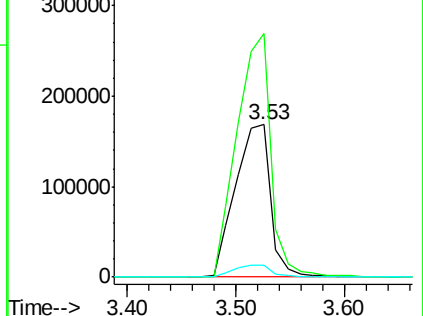
44 8.0 6.5 9.7

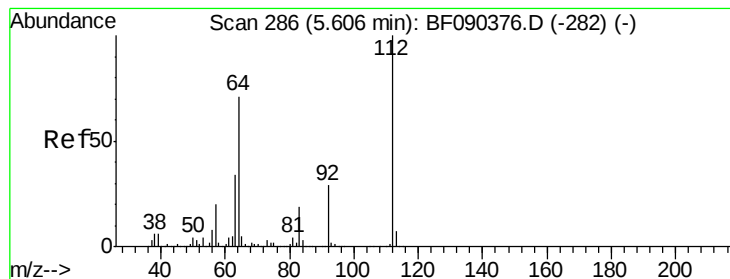


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.74 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

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PB93730BS

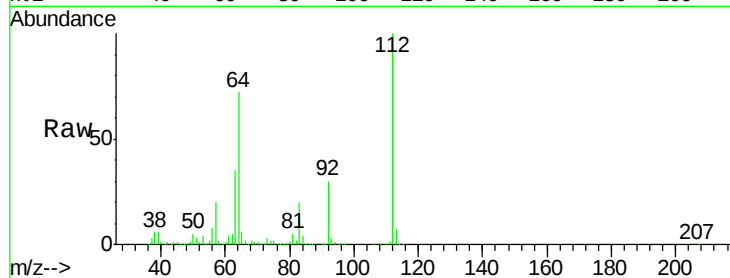
Tgt Ion: 112 Resp: 1892498

Ion Ratio Lower Upper

112 100

64 72.5 57.9 86.9

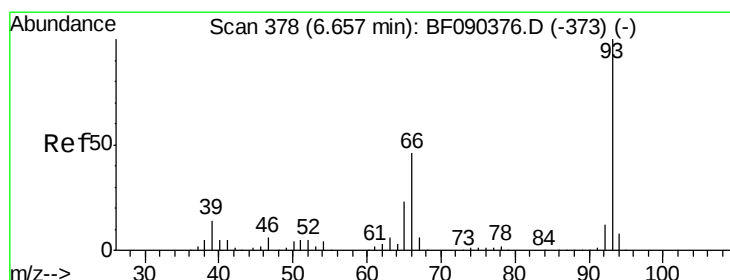
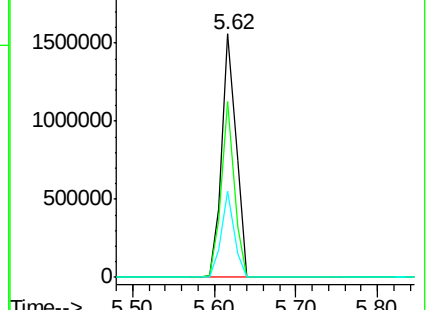
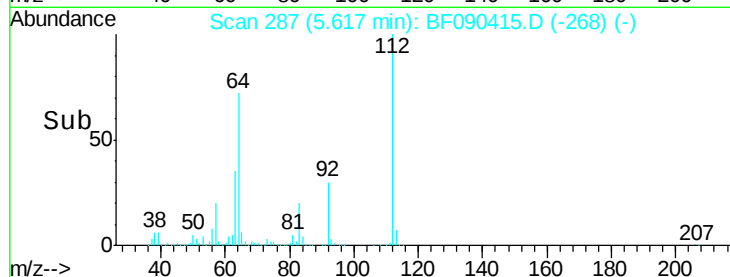
63 35.3 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.46 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

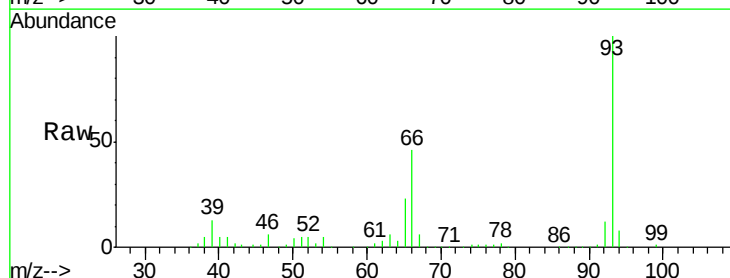
Tgt Ion: 93 Resp: 792139

Ion Ratio Lower Upper

93 100

66 45.7 34.5 51.7

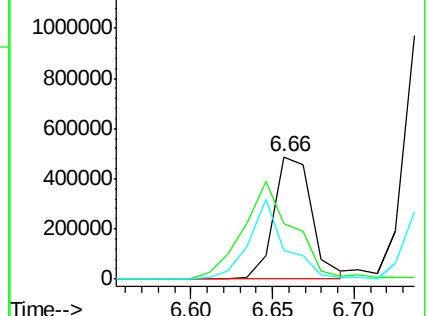
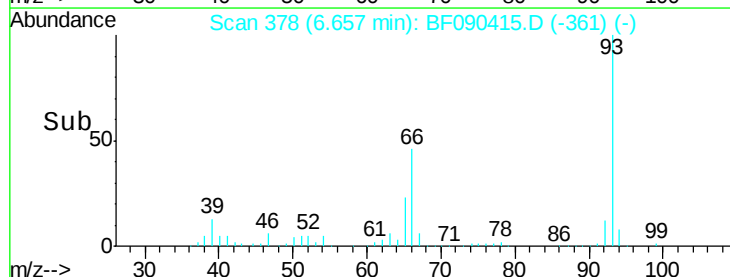
65 23.0 18.2 27.2

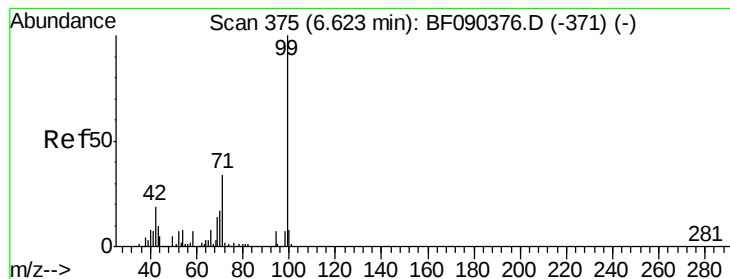


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.94 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

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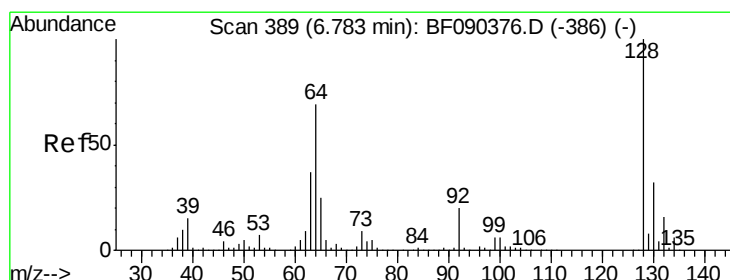
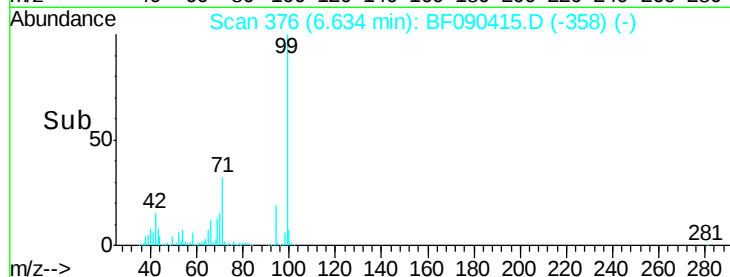
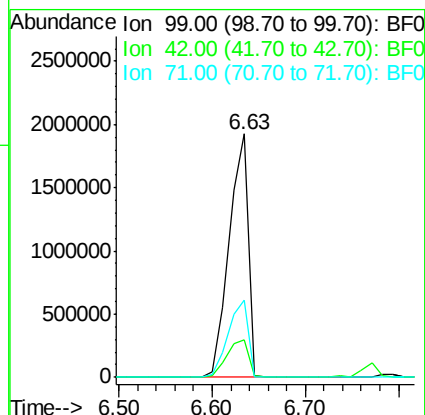
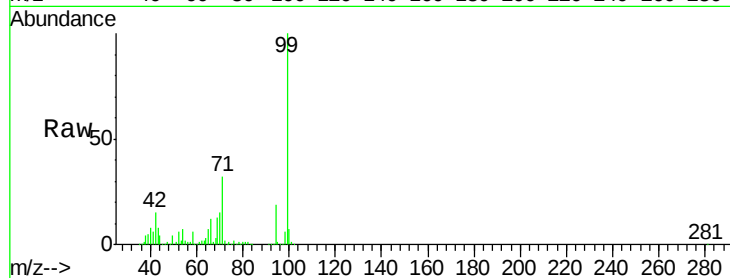
Tgt Ion: 99 Resp: 2764759

Ion Ratio Lower Upper

99 100

42 15.4 20.0 30.0#

71 32.0 27.9 41.9



#8

2-Chlorophenol

Concen: 36.65 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

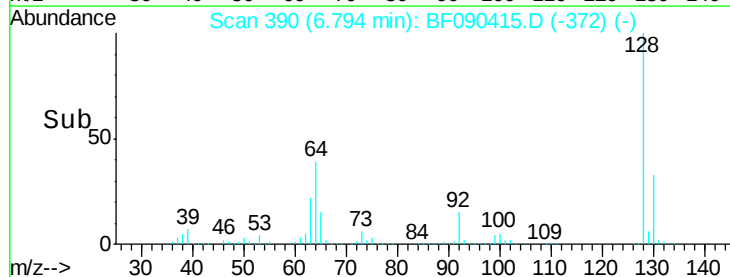
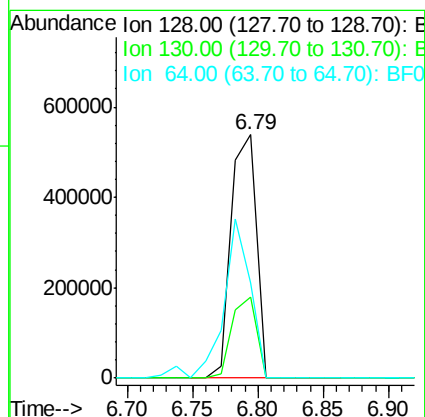
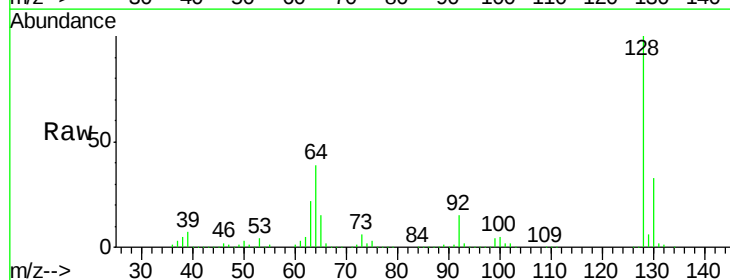
Tgt Ion: 128 Resp: 721844

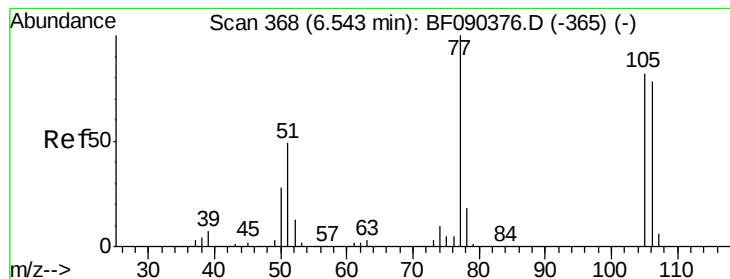
Ion Ratio Lower Upper

128 100

130 33.2 13.3 53.3

64 38.9 36.0 76.0





#9

Benzaldehyde

Concen: 32.72 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

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ClientSampleId :

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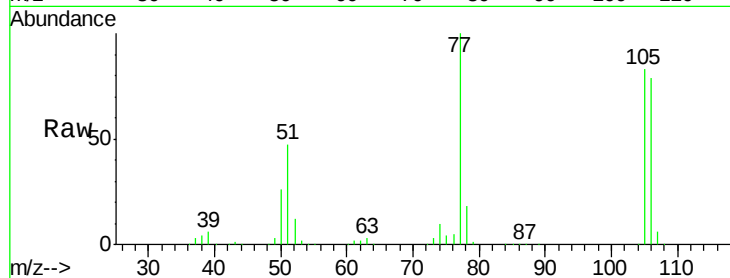
Tgt Ion: 77 Resp: 387702

Ion Ratio Lower Upper

77 100

105 83.1 73.1 113.1

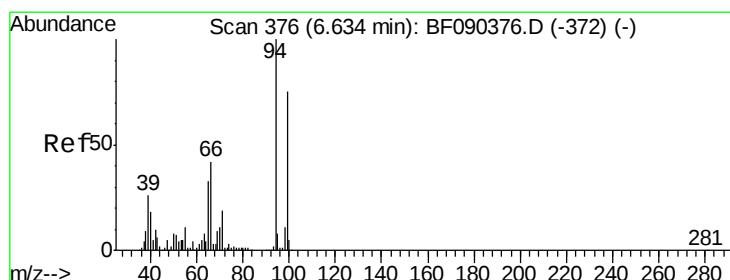
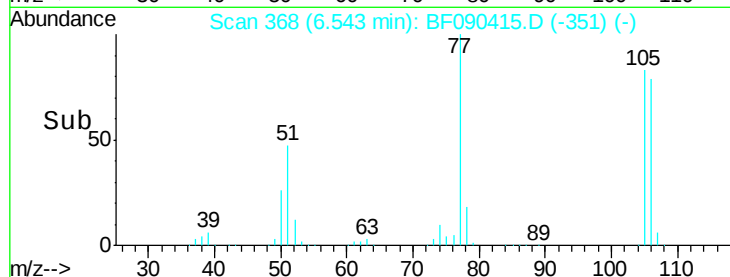
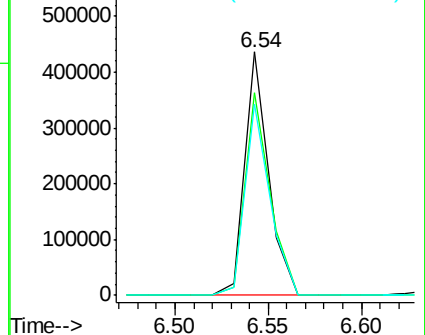
106 78.6 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.62 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

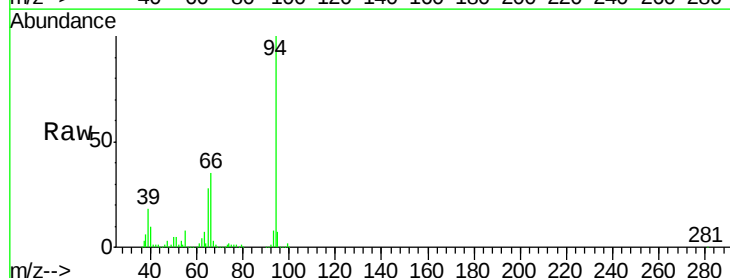
Tgt Ion: 94 Resp: 1134198

Ion Ratio Lower Upper

94 100

65 28.1 13.3 53.3

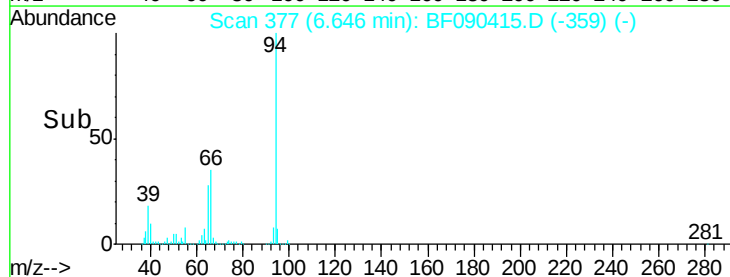
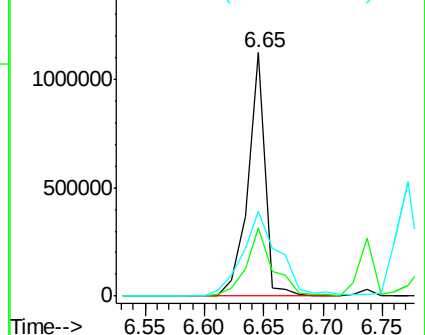
66 34.7 20.4 60.4

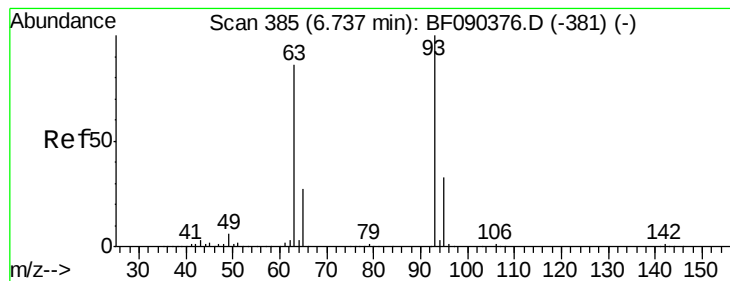


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.11 ng

RT: 6.74 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

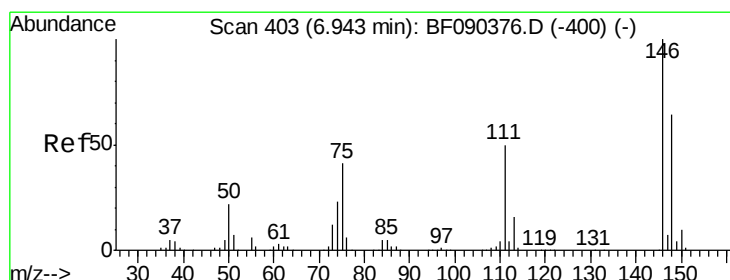
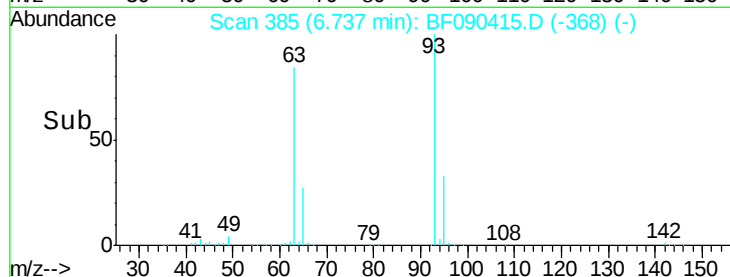
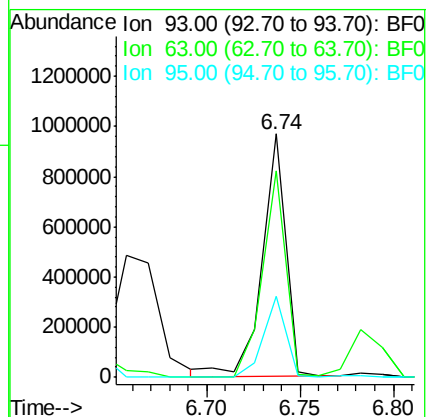
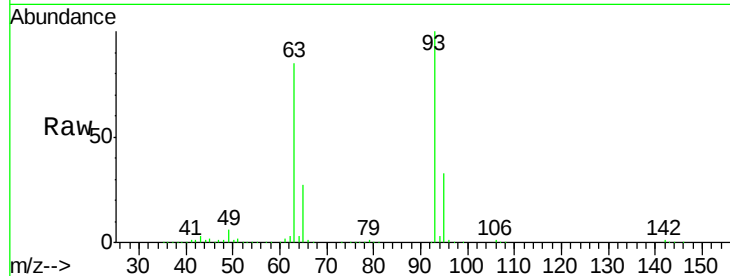
Tgt Ion: 93 Resp: 837026

Ion Ratio Lower Upper

93 100

63 84.8 59.7 99.7

95 33.2 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 39.24 ng

RT: 7.02 min Scan# 410

Delta R.T. 0.08 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

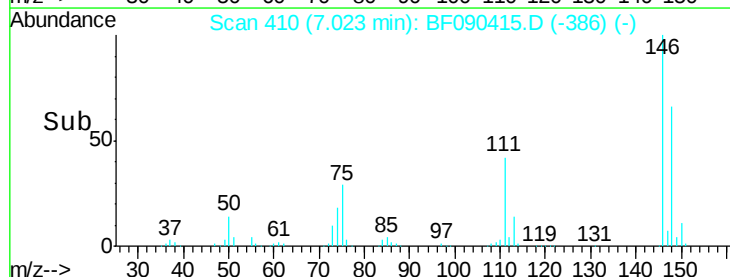
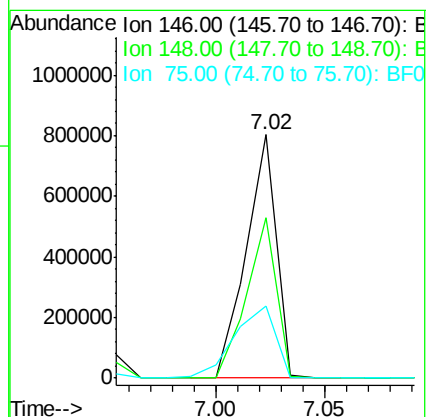
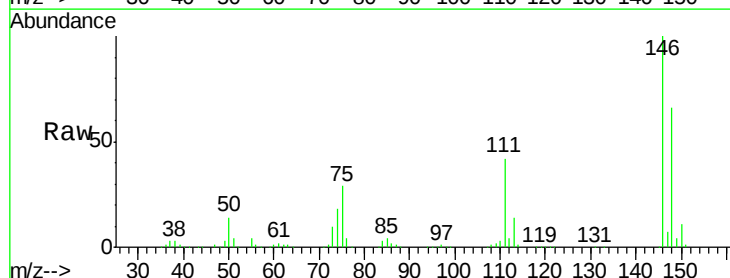
Tgt Ion: 146 Resp: 770524

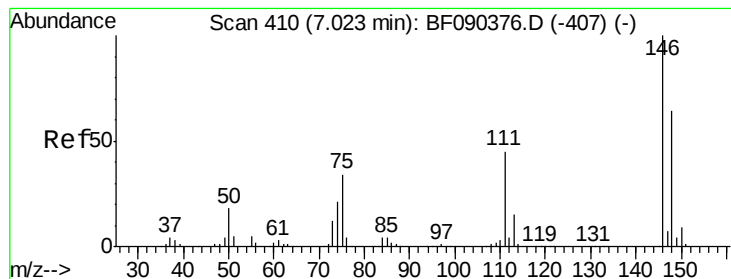
Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.4

75 29.5 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 38.64 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

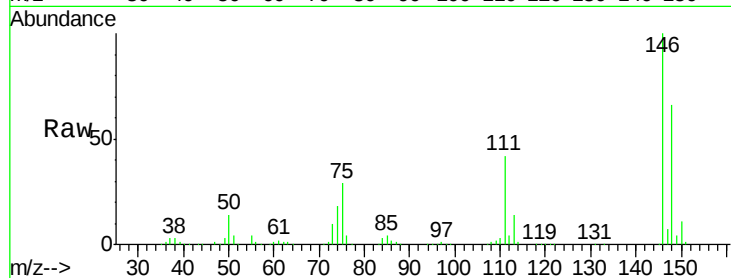
Tgt Ion:146 Resp: 770524

Ion Ratio Lower Upper

146 100

148 65.7 51.1 76.7

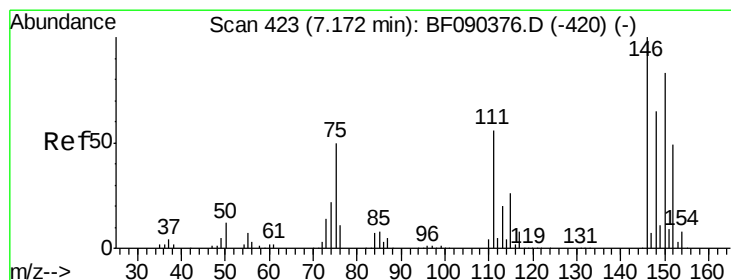
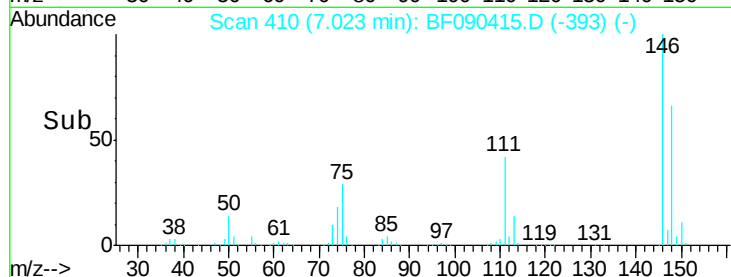
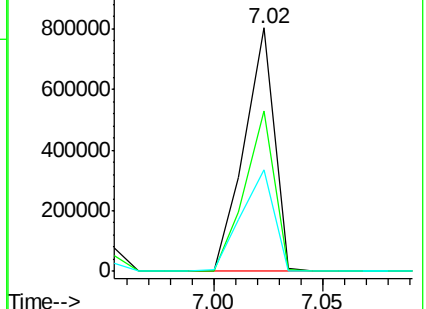
111 41.6 37.8 56.6



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: 35.08 ng

RT: 7.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

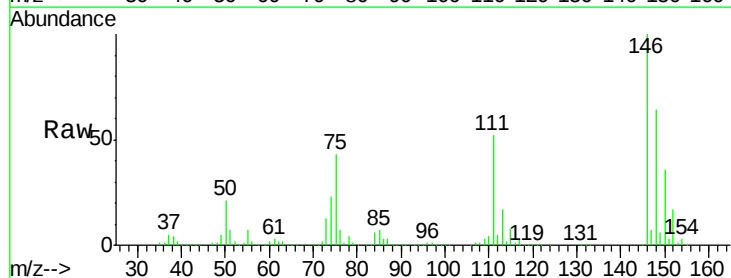
Tgt Ion:146 Resp: 674032

Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

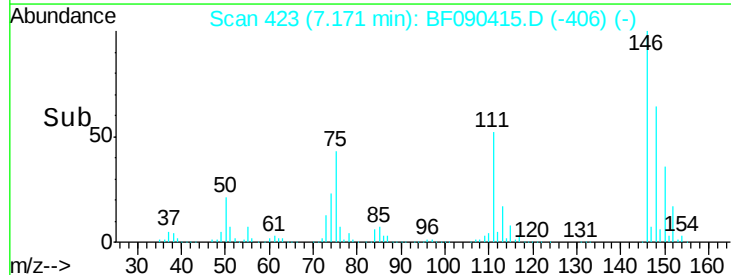
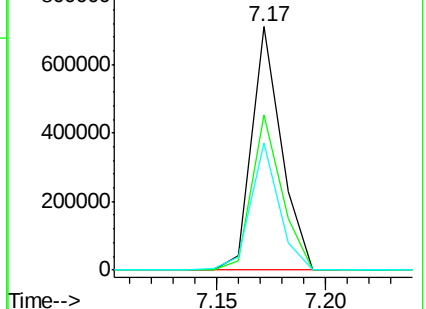
111 52.3 38.2 57.4

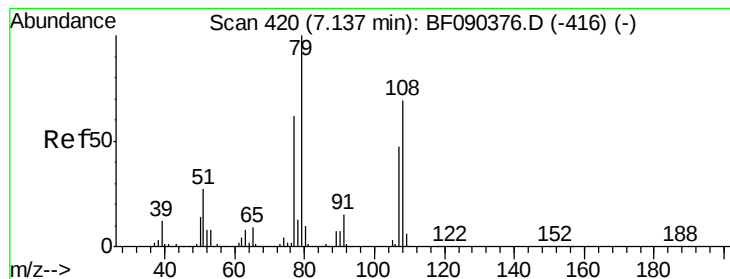


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.01 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

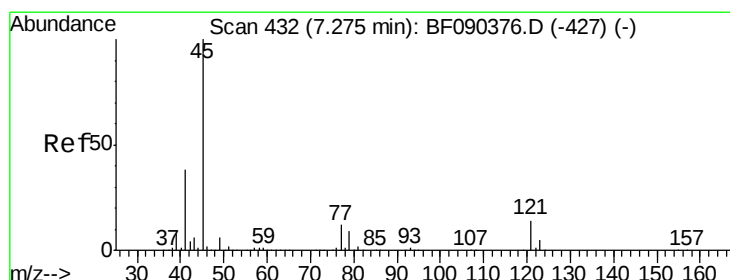
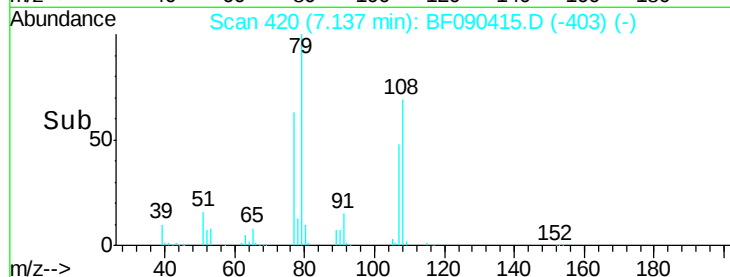
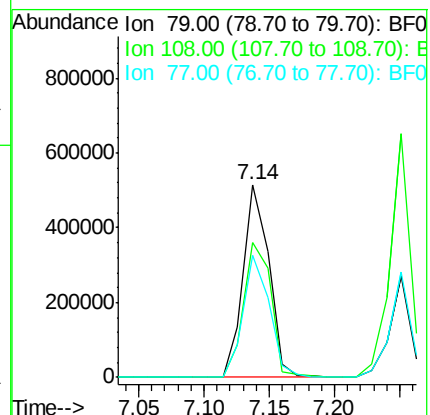
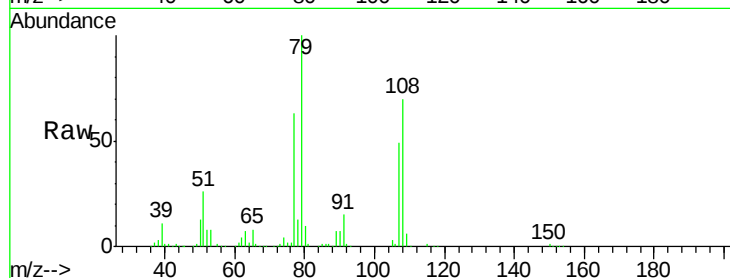
Tgt Ion: 79 Resp: 712913

Ion Ratio Lower Upper

79 100

108 70.0 60.9 91.3

77 63.2 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.29 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

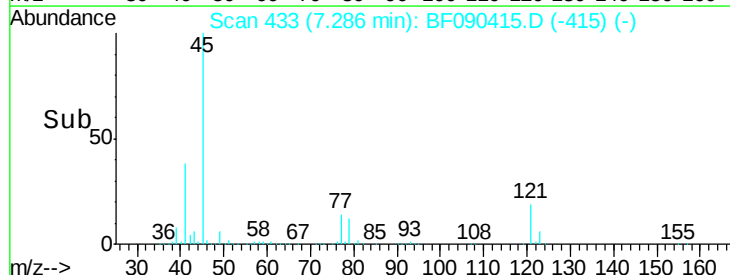
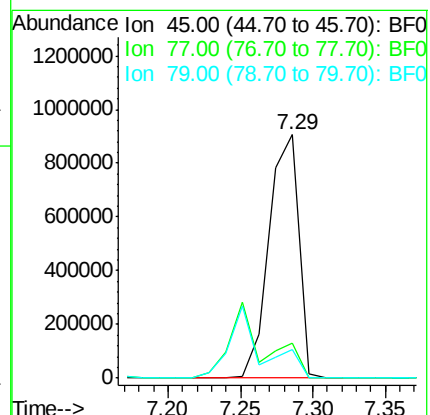
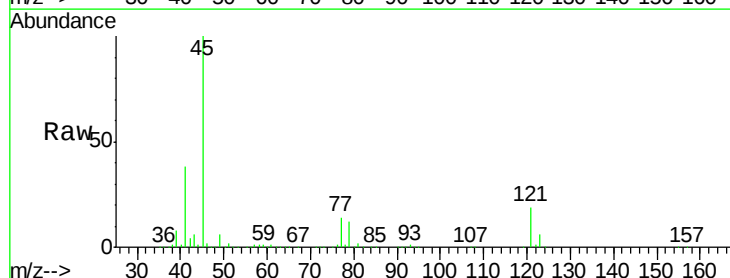
Tgt Ion: 45 Resp: 1284144

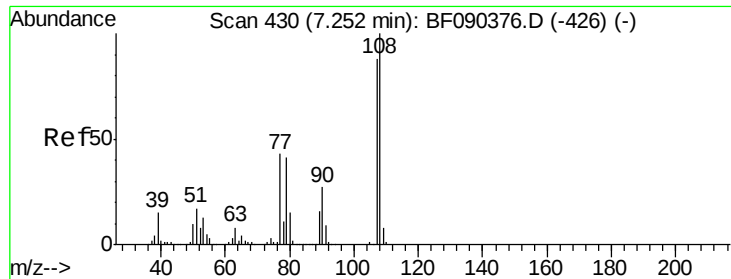
Ion Ratio Lower Upper

45 100

77 14.2 0.0 30.8

79 11.6 0.0 28.2





#17

2-Methylphenol

Concen: 38.48 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

Tgt Ion:107 Resp: 623316

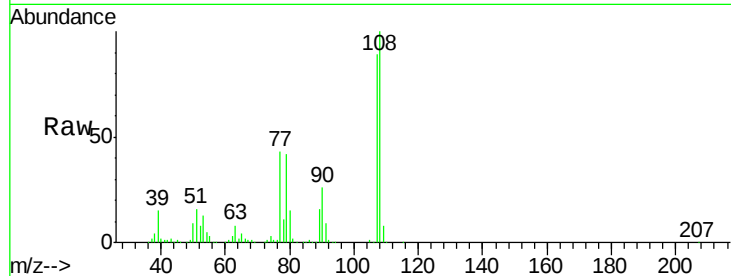
Ion Ratio Lower Upper

107 100

108 112.7 90.9 136.3

77 48.9 38.2 57.4

79 46.8 37.0 55.4

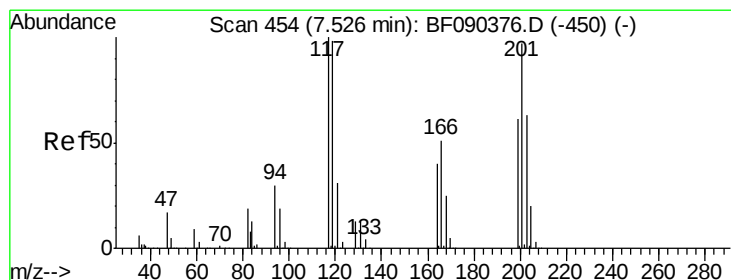
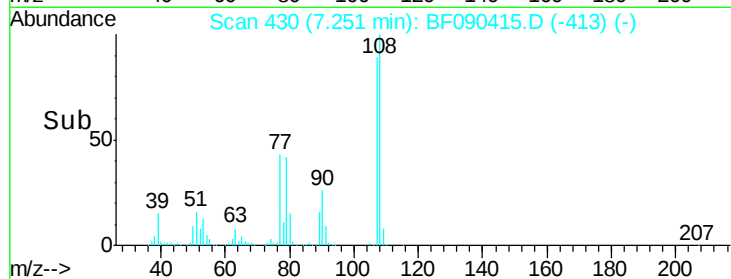
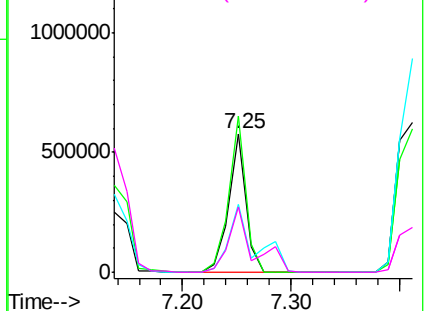


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.80 ng

RT: 7.51 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

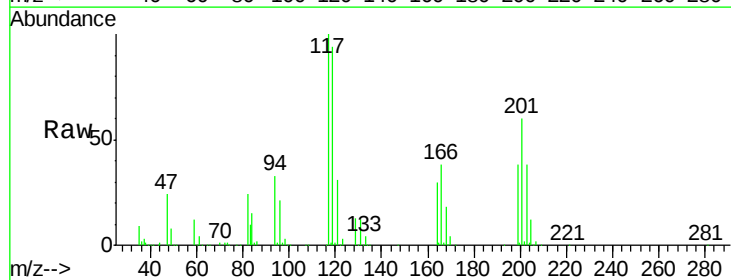
Tgt Ion:117 Resp: 289276

Ion Ratio Lower Upper

117 100

119 94.2 75.9 113.9

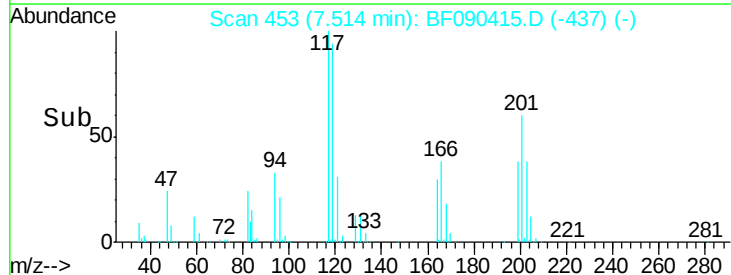
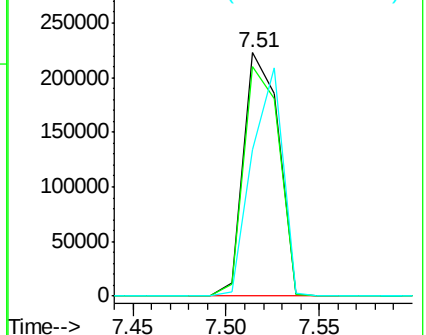
201 60.1 66.5 99.7#

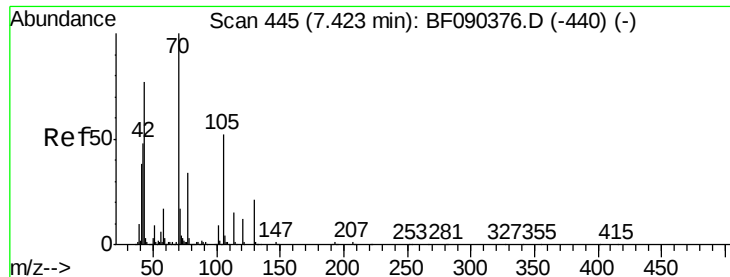


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

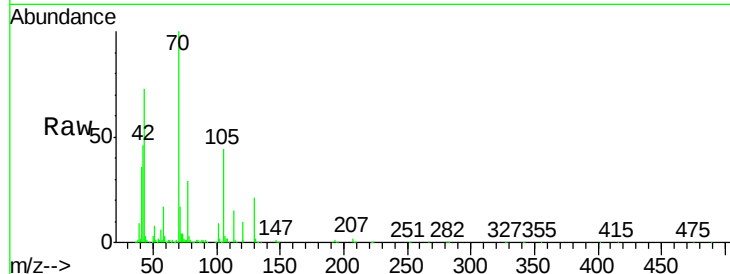




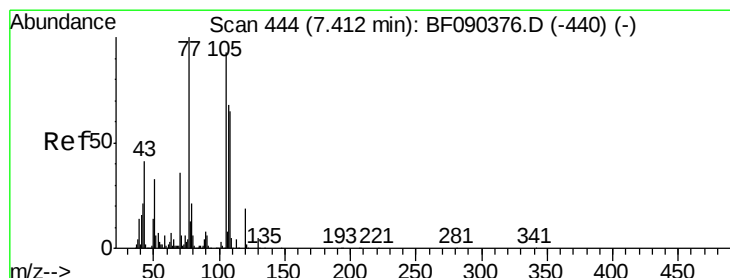
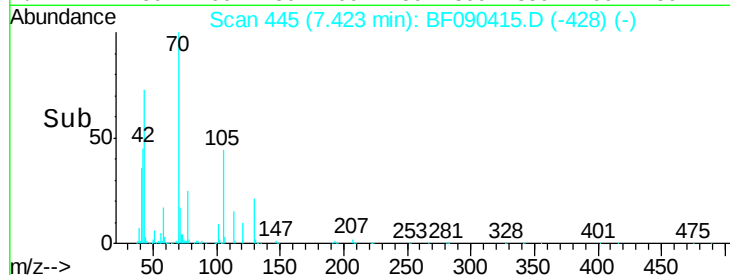
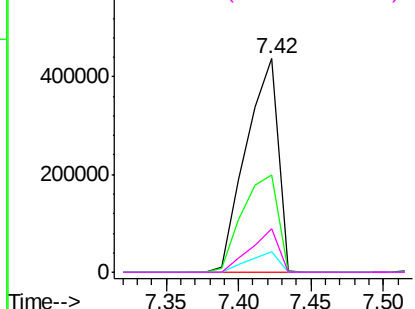
#19
n-Nitroso-di-n-propylamine
Concen: 38.96 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tgt Ion: 70 Resp: 669633
Ion Ratio Lower Upper
70 100
42 45.6 55.4 83.2#
101 9.4 7.6 11.4
130 20.6 16.5 24.7



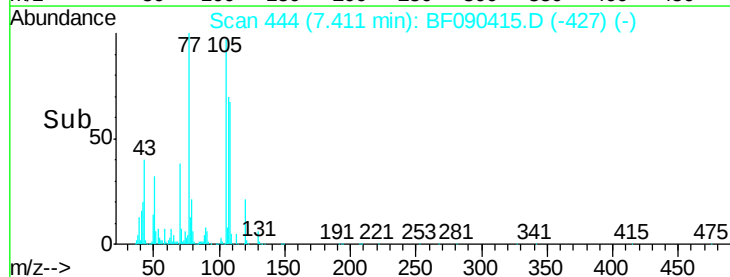
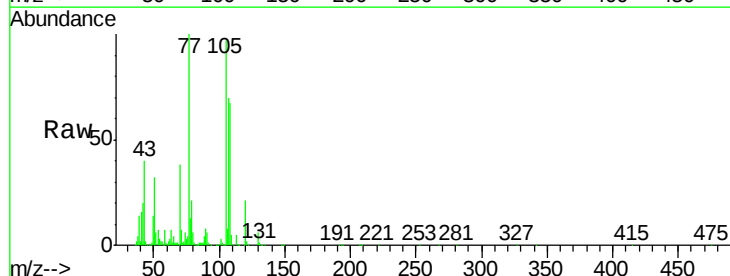
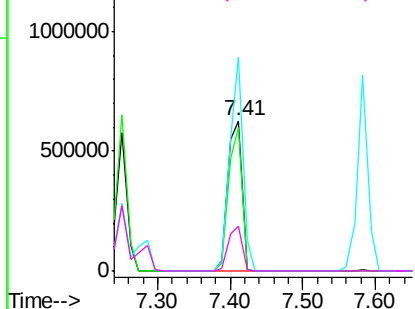
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

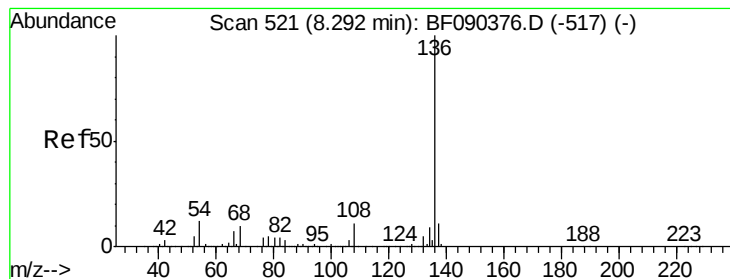


#20
3+4-Methylphenols
Concen: 40.24 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion: 107 Resp: 843677
Ion Ratio Lower Upper
107 100
108 95.3 66.7 106.7
77 142.3 53.7 93.7#
79 30.3 8.4 48.4

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

Tgt Ion:136 Resp: 1143342

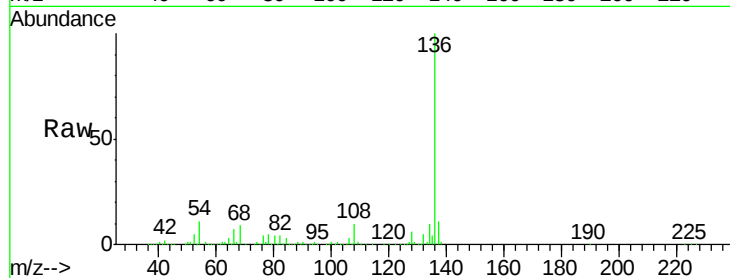
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.6 6.6 10.0#

68 9.1 5.0 7.6#

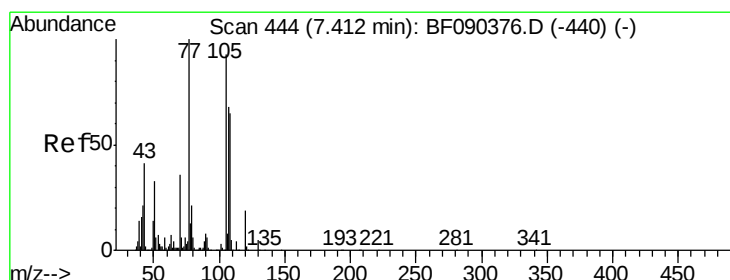
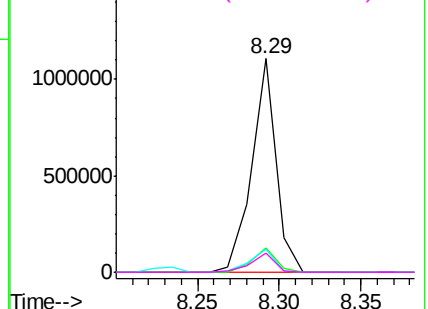
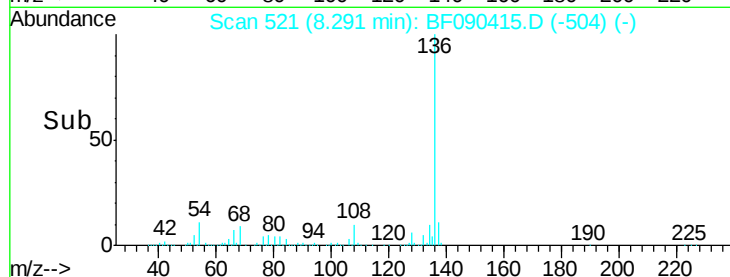


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.33 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Tgt Ion:105 Resp: 1037901

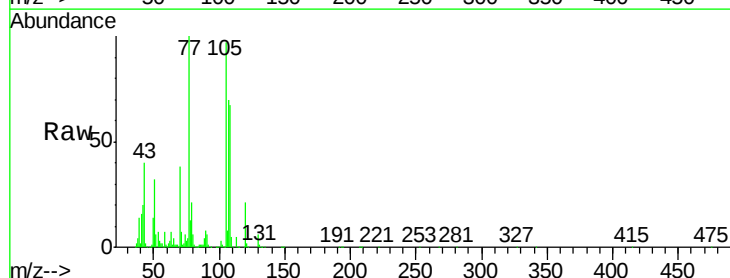
Ion Ratio Lower Upper

105 100

71 6.8 3.8 5.6#

51 32.7 28.2 42.4

120 21.2 17.4 26.2

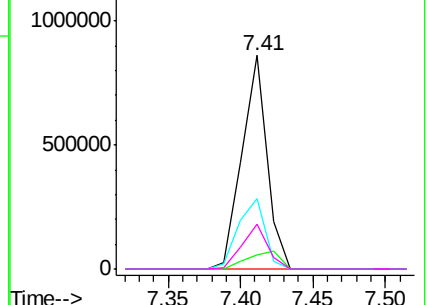
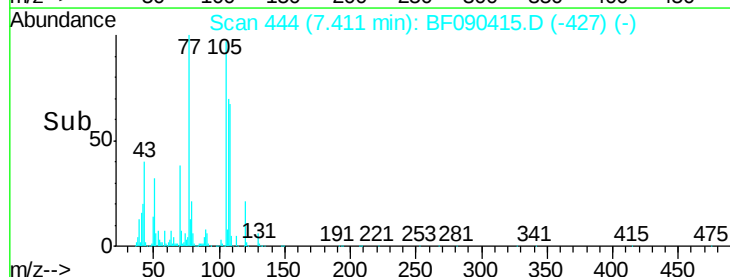


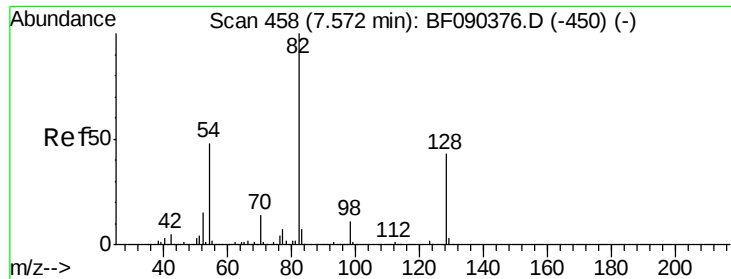
Abundance Ion 105.00 (104.70 to 105.70): E

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

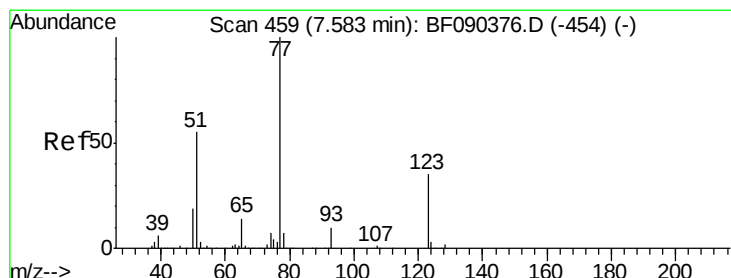
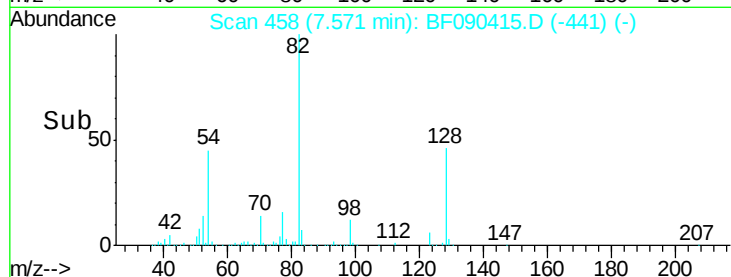
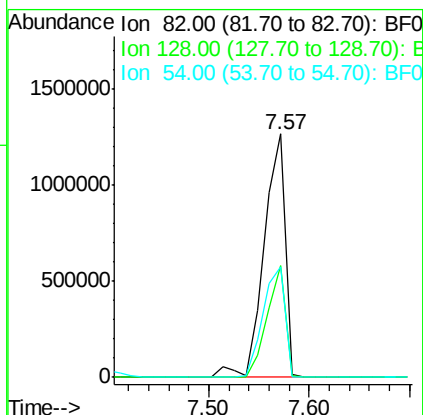
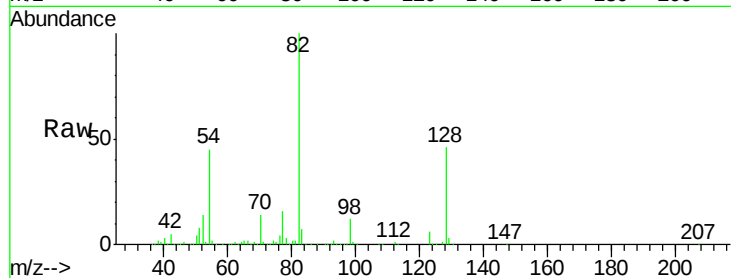




#23
 Nitrobenzene-d5
 Concen: 78.67 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

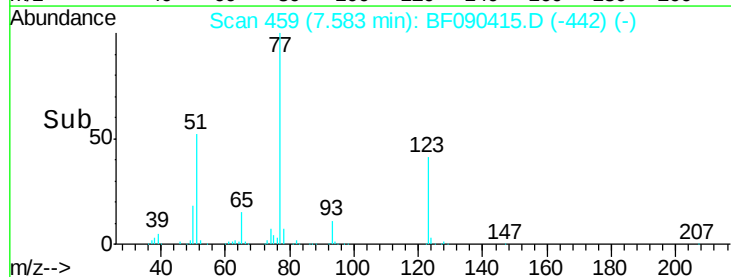
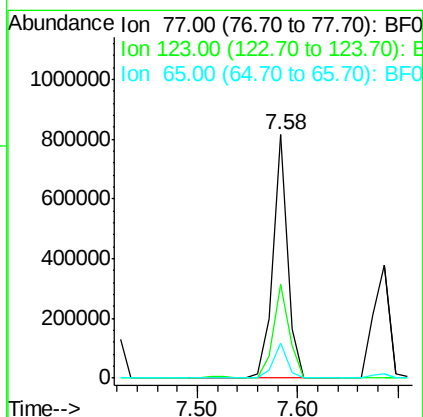
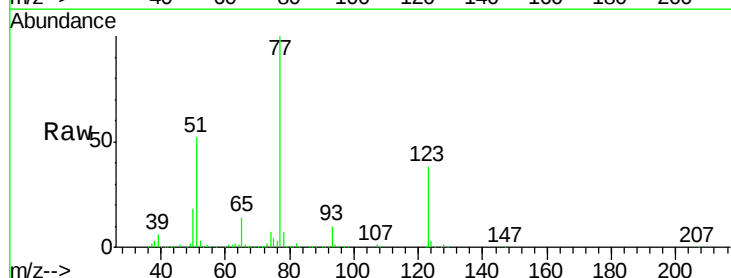
Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

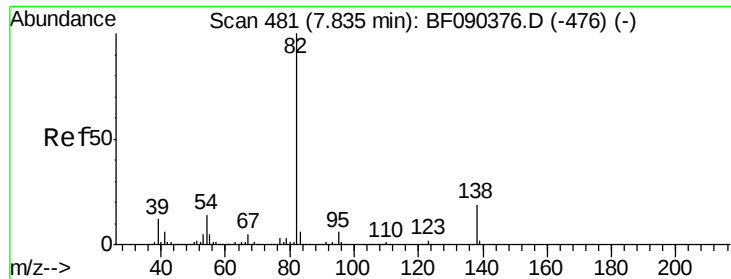
Tgt Ion: 82 Resp: 1849166
 Ion Ratio Lower Upper
 82 100
 128 45.9 40.0 60.0
 54 45.5 42.6 64.0



#24
 Nitrobenzene
 Concen: 35.04 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion: 77 Resp: 817716
 Ion Ratio Lower Upper
 77 100
 123 38.3 33.0 49.4
 65 14.2 12.0 18.0





#25

Isophorone

Concen: 37.23 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

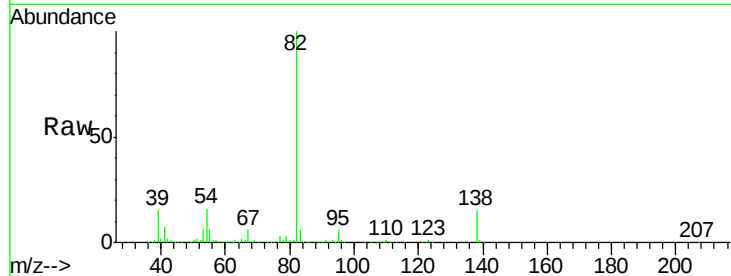
Tgt Ion: 82 Resp: 1600059

Ion Ratio Lower Upper

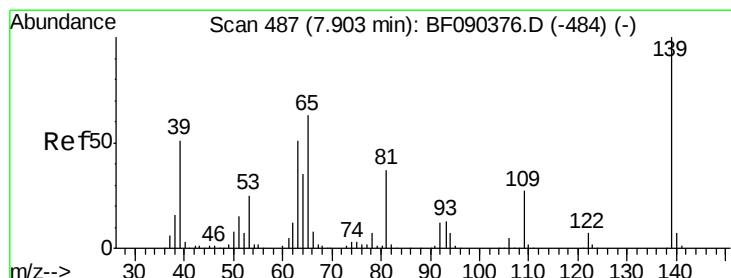
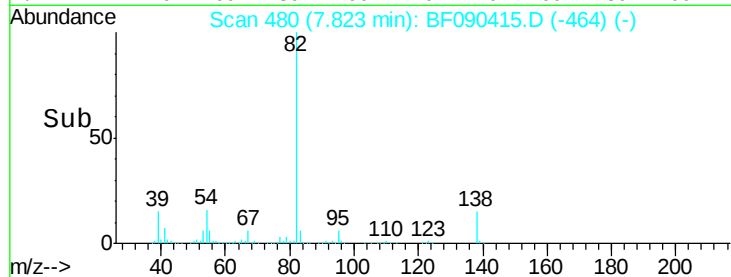
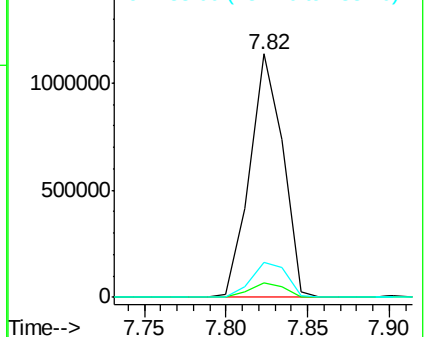
82 100

95 6.2 5.2 7.8

138 14.5 13.0 19.4



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



#26

2-Nitrophenol

Concen: 38.33 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

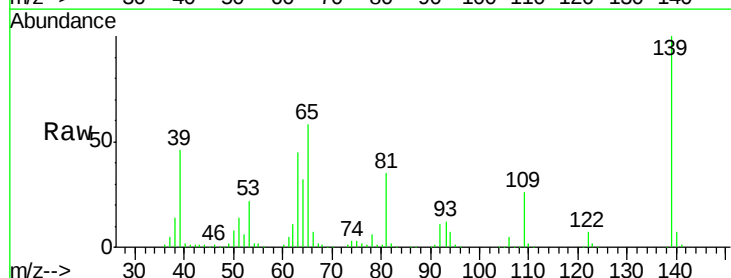
Tgt Ion: 139 Resp: 384935

Ion Ratio Lower Upper

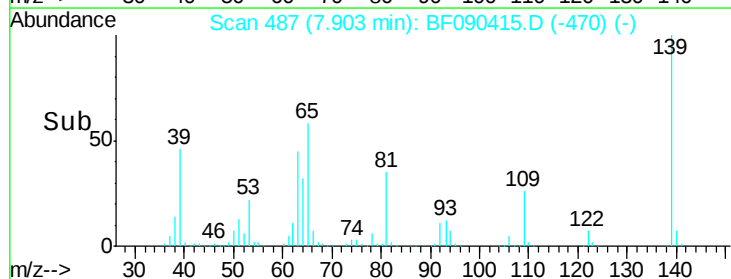
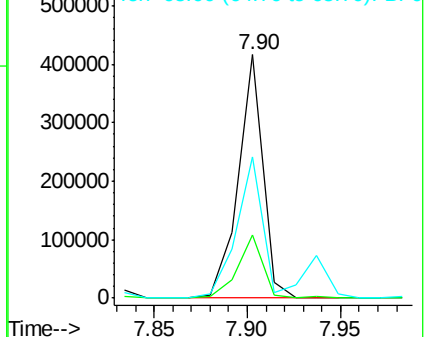
139 100

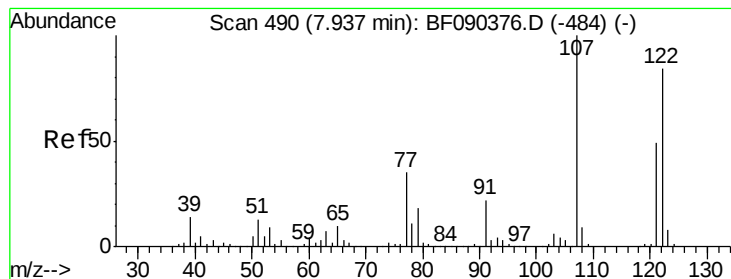
109 25.8 18.9 28.3

65 57.9 31.6 47.4#



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

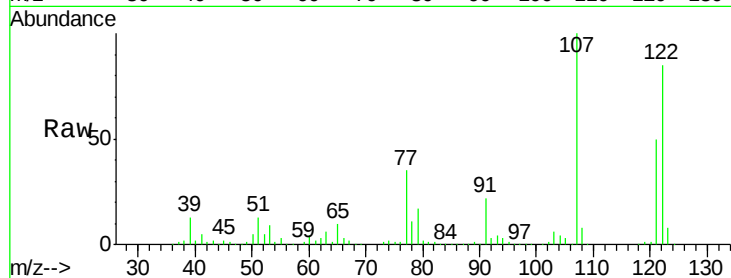




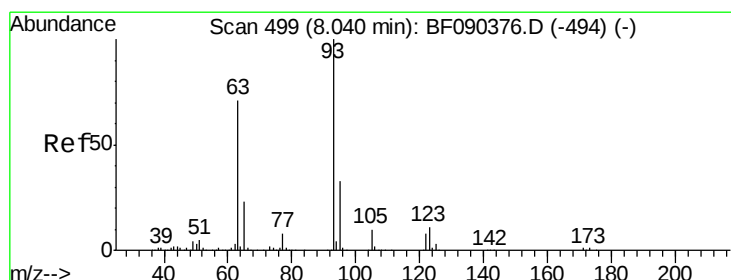
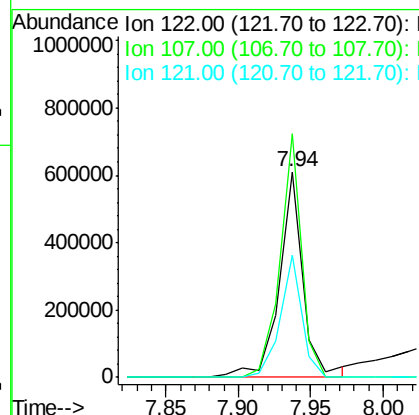
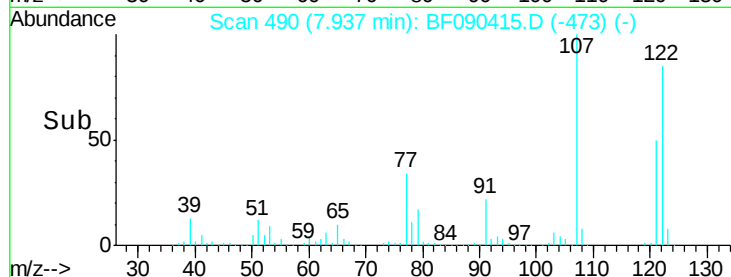
#27
 2,4-Dimethylphenol
 Concen: 35.61 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tgt Ion: 122 Resp: 695607
 Ion Ratio Lower Upper
 122 100
 107 118.3 88.6 132.8
 121 59.4 47.5 71.3

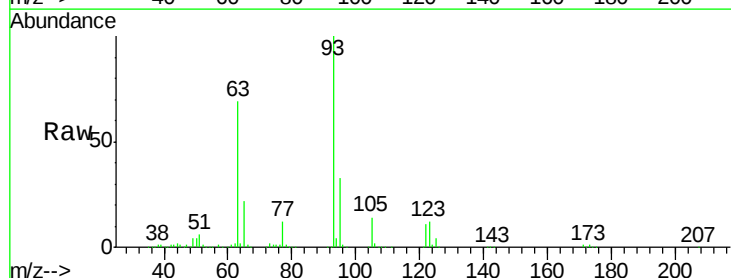


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

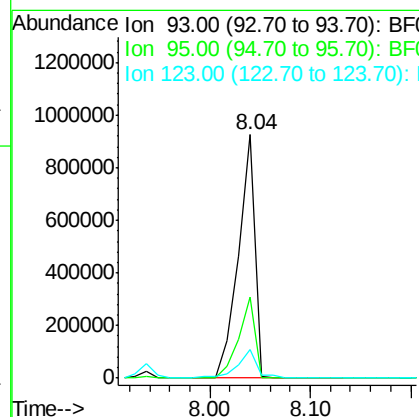
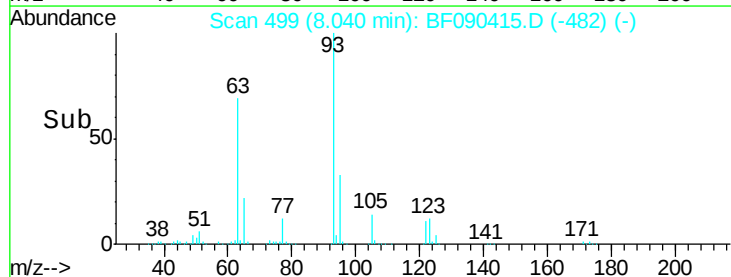


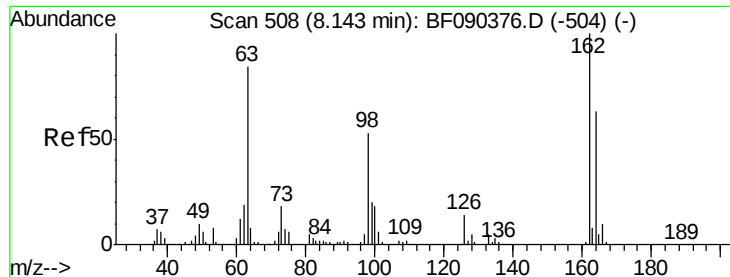
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.65 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion: 93 Resp: 1058667
 Ion Ratio Lower Upper
 93 100
 95 33.1 27.0 40.4
 123 11.9 11.1 16.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

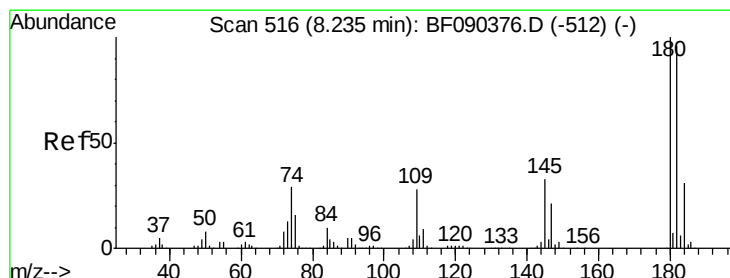
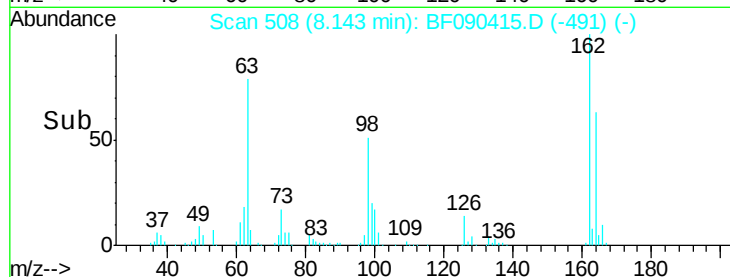
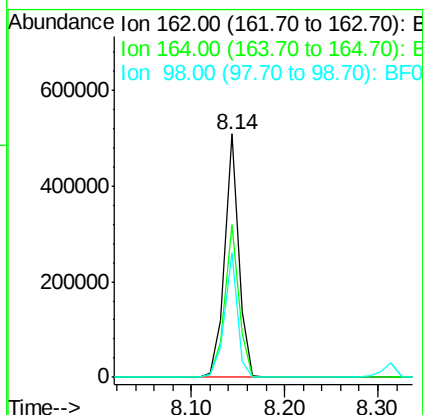
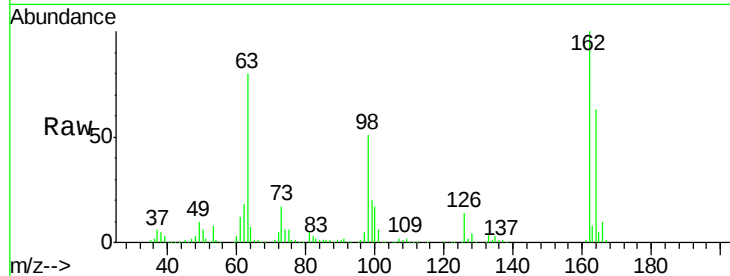




#29
2,4-Dichlorophenol
Concen: 36.02 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

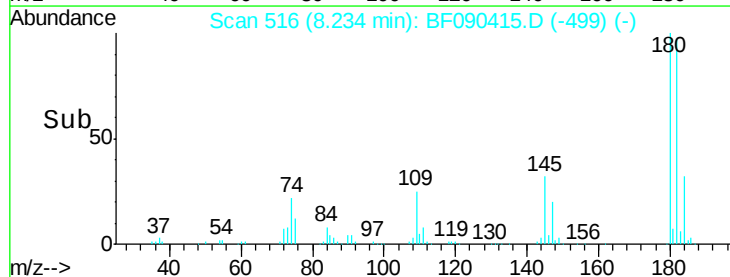
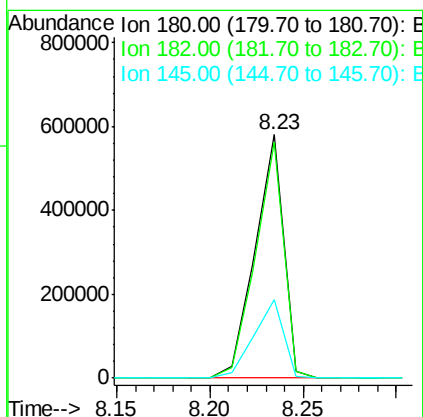
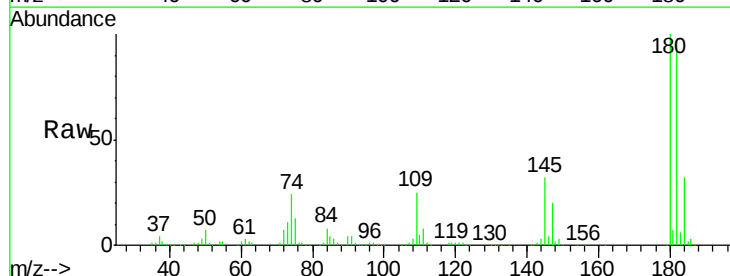
Instrument :
BNA_F
ClientSampleId :
PB93730BS

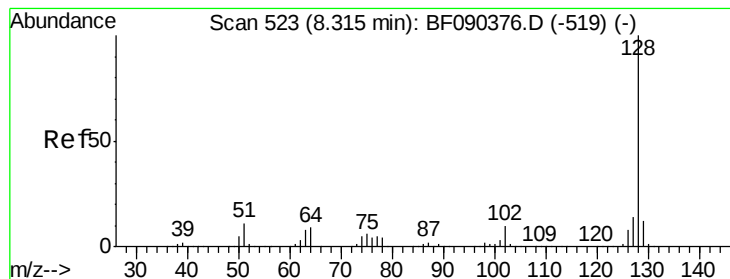
Tgt Ion:162 Resp: 534839
Ion Ratio Lower Upper
162 100
164 62.8 45.7 85.7
98 51.2 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 40.09 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion:180 Resp: 613623
Ion Ratio Lower Upper
180 100
182 96.9 75.3 112.9
145 32.1 27.7 41.5





#31

Naphthalene

Concen: 37.89 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampled :

PB93730BS

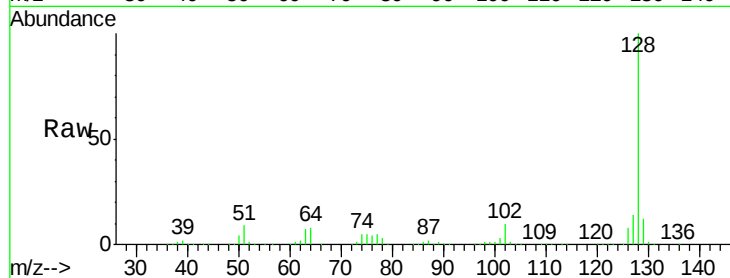
Tgt Ion:128 Resp: 2089861

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

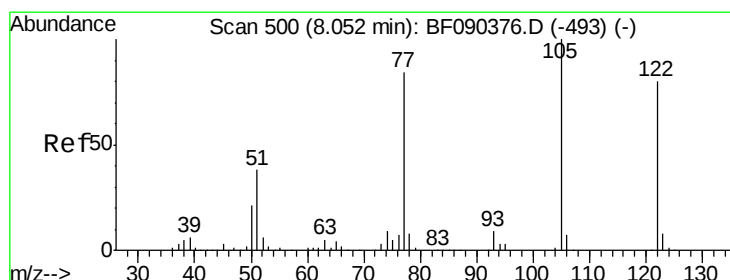
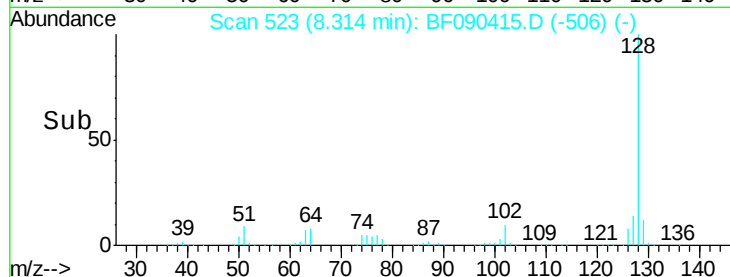
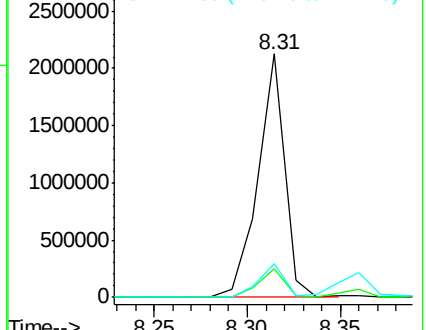
127 13.9 11.7 17.5



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: 36.64 ng

RT: 8.06 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

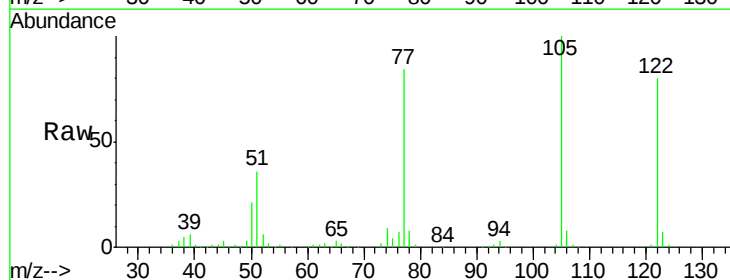
Tgt Ion:122 Resp: 497511

Ion Ratio Lower Upper

122 100

105 125.1 103.9 143.9

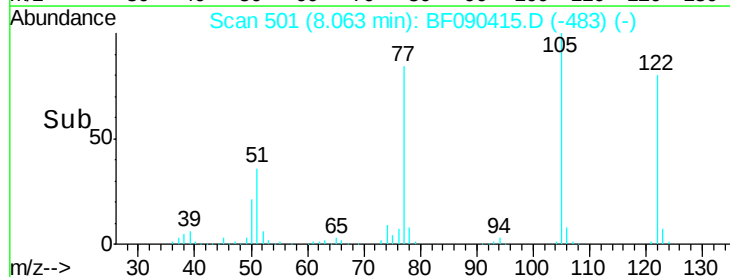
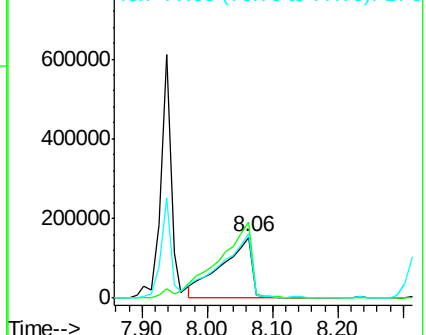
77 105.0 74.6 114.6

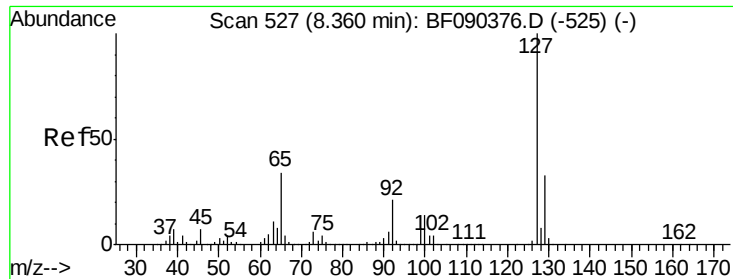


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

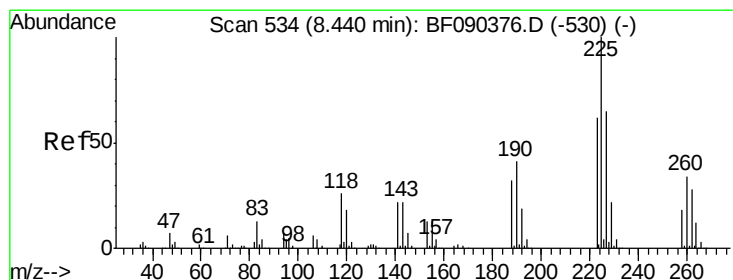
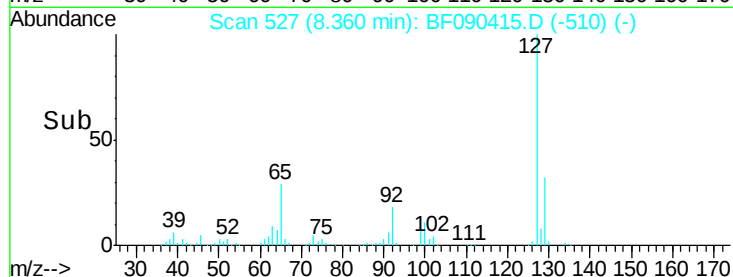
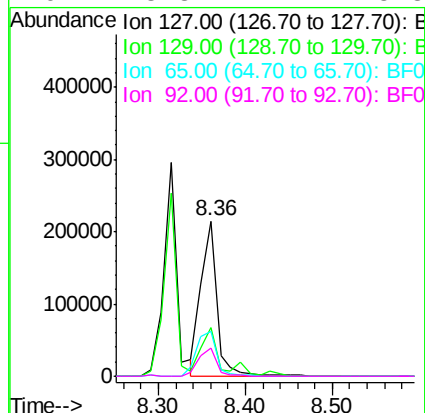
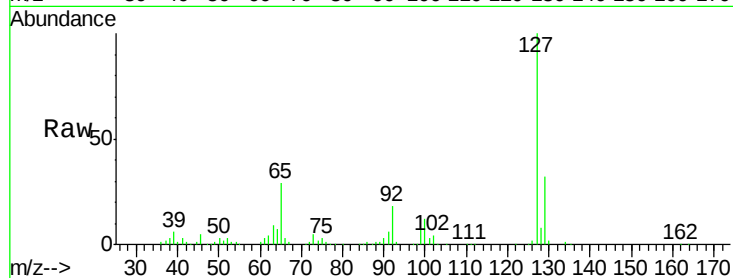




#33
4-Chloroaniline
Concen: 12.03 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

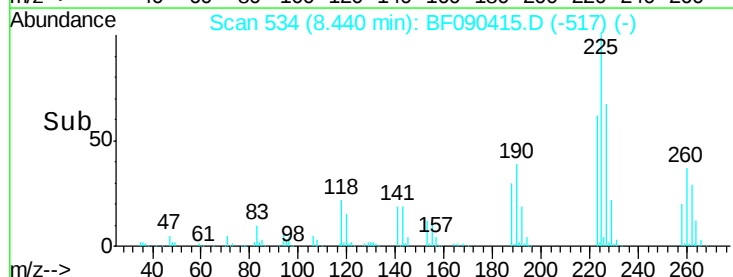
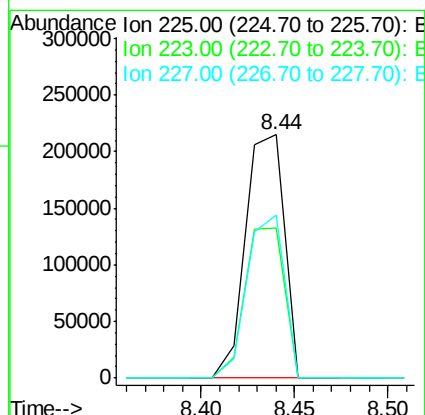
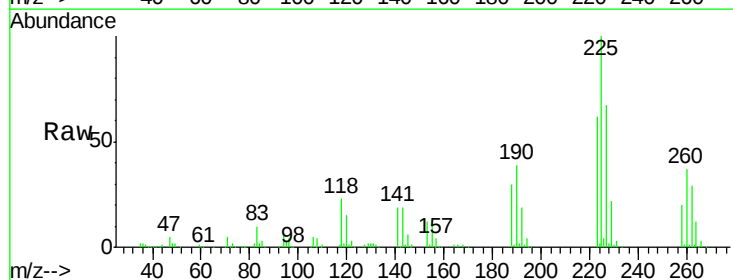
Instrument :
BNA_F
ClientSampleId :
PB93730BS

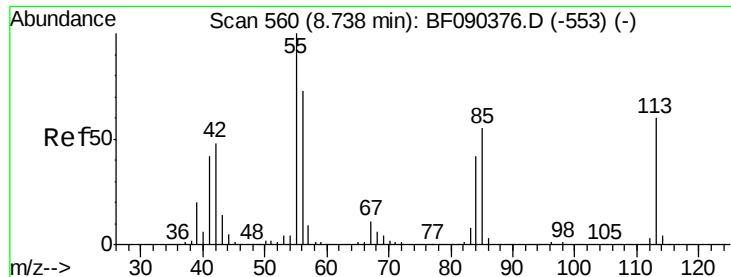
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	28.5	32.5	48.7#
92	18.3	17.2	25.8



#34
Hexachlorobutadiene
Concen: 36.10 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.4
227	66.9	50.8	76.2

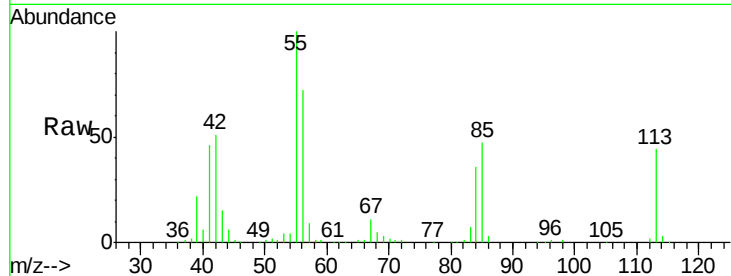




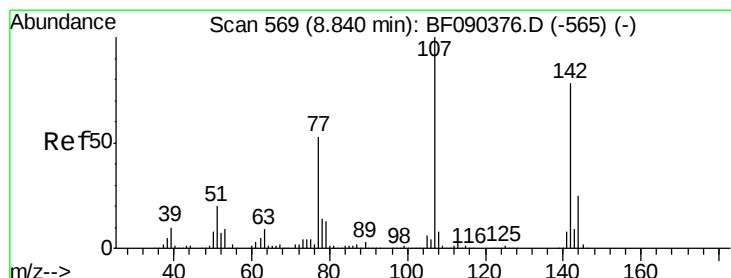
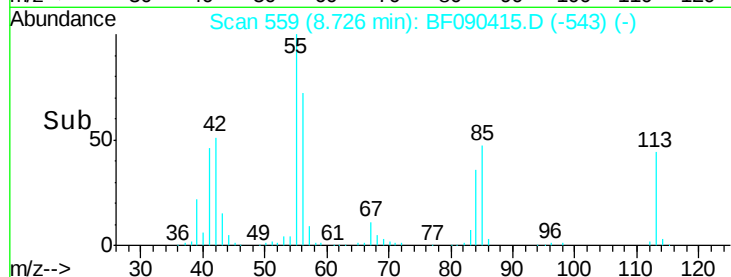
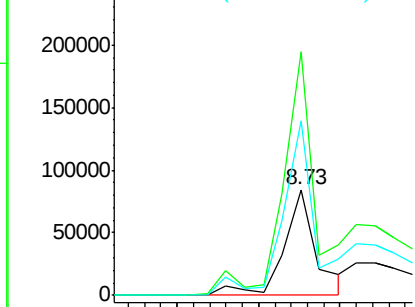
#35
 Caprolactam
 Concen: 23.22 ng
 RT: 8.73 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tgt Ion:113 Resp: 115929
 Ion Ratio Lower Upper
 113 100
 55 229.8 203.3 243.3
 56 164.7 140.5 180.5

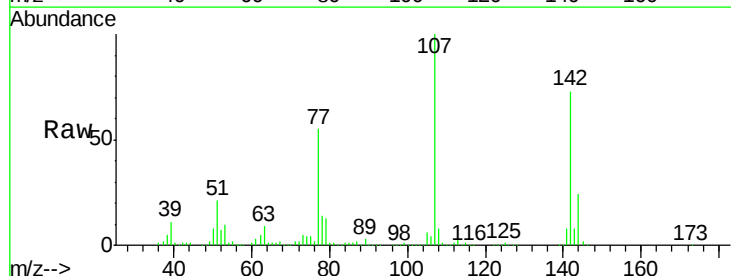


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

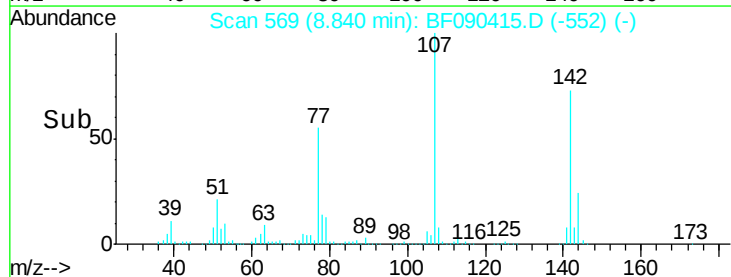
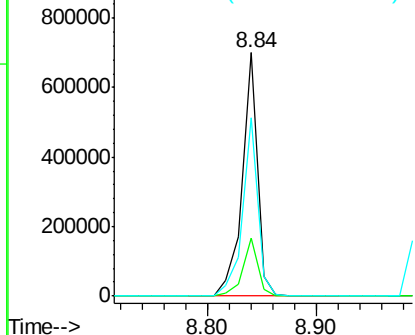


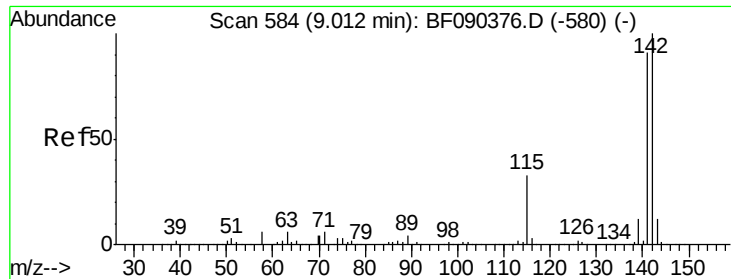
#36
 4-Chloro-3-methylphenol
 Concen: 36.25 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:107 Resp: 673952
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.8 29.8
 142 73.0 60.7 91.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

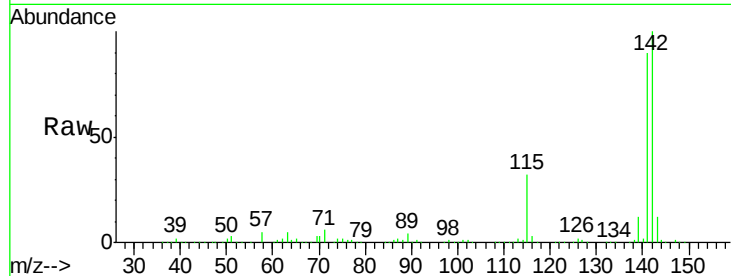




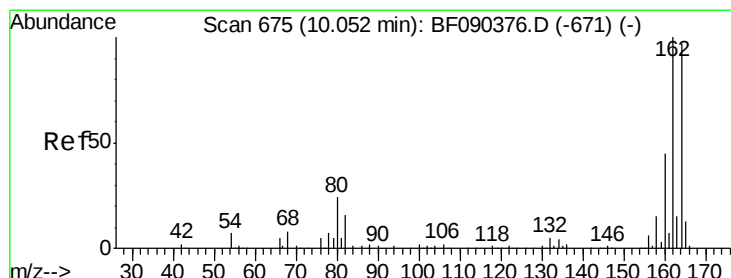
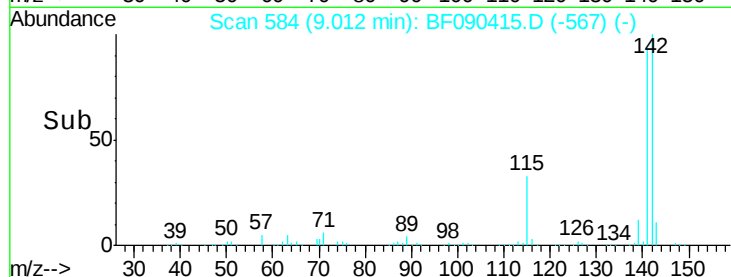
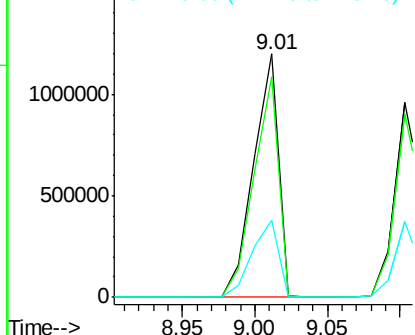
#37
2-Methylnaphthalene
Concen: 42.68 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tgt Ion:142 Resp: 1424966
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.8
115 31.9 28.8 43.2

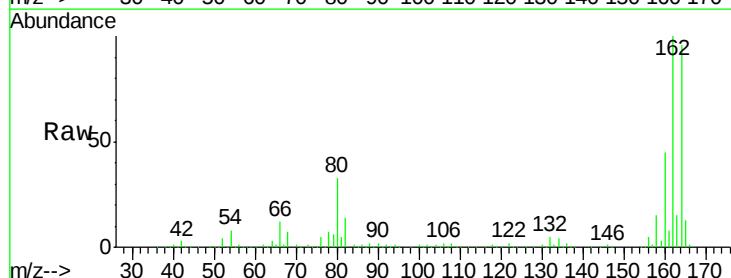


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

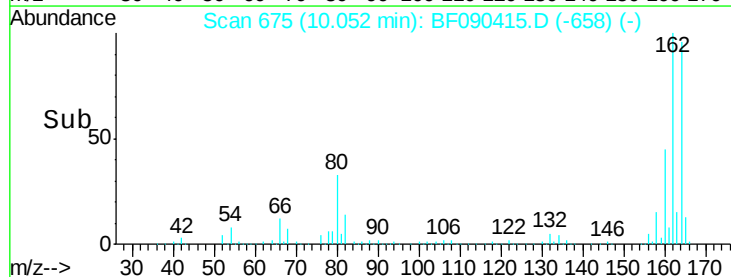
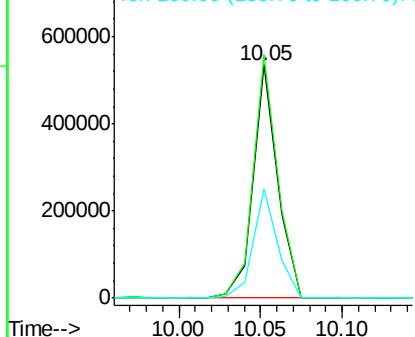


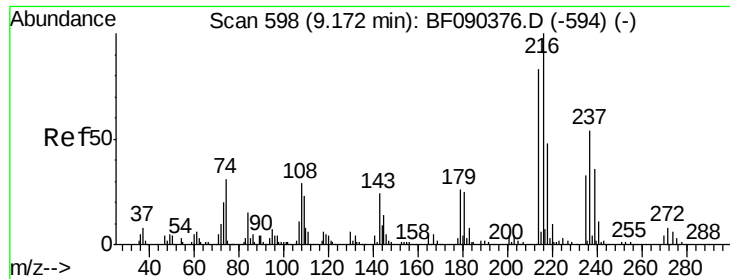
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion:164 Resp: 556582
Ion Ratio Lower Upper
164 100
162 104.6 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

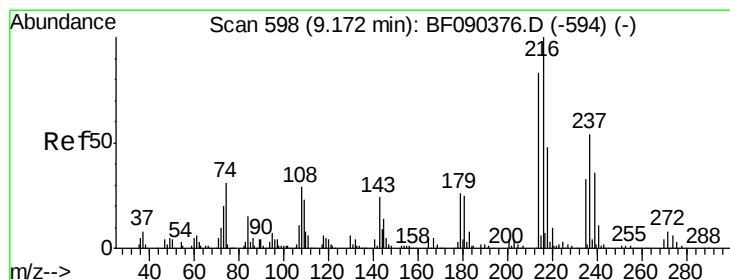
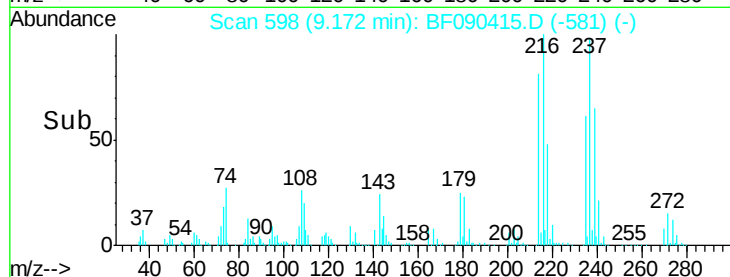
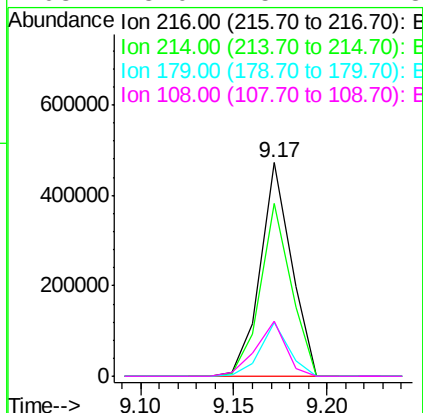
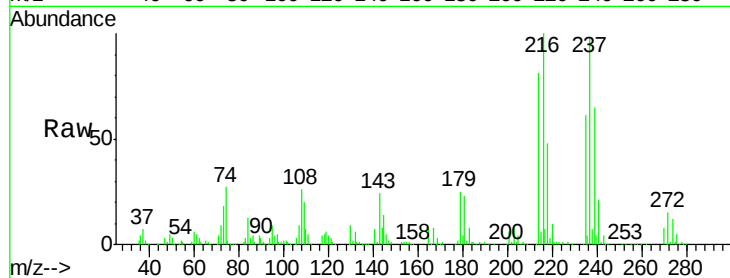




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.13 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

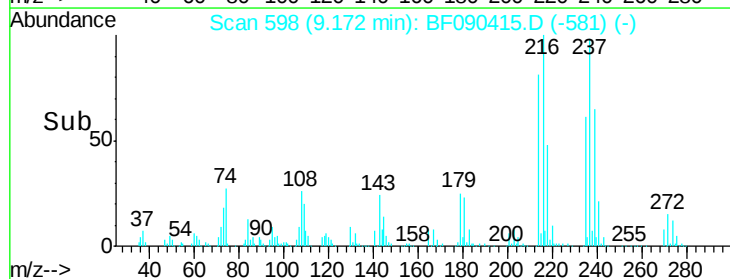
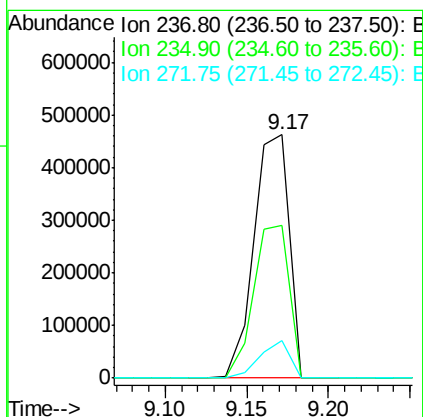
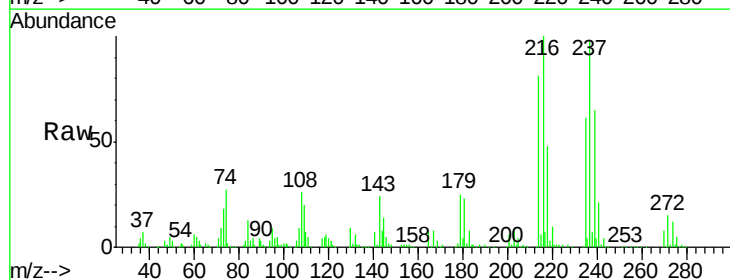
Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

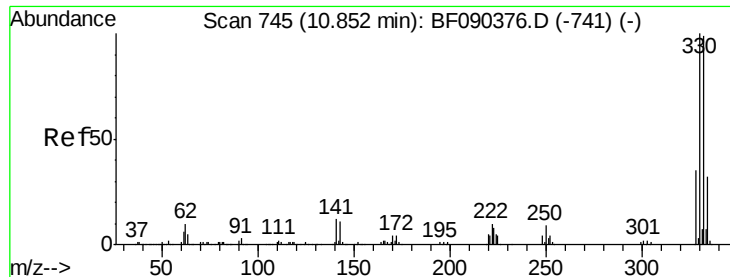
Tgt Ion:	216	Resp:	544827
Ion Ratio		Lower	Upper
216	100		
214	80.0	64.2	96.2
179	22.9	18.0	27.0
108	25.0	15.2	22.8#



#40
 Hexachlorocyclopentadiene
 Concen: 85.92 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:	237	Resp:	691075
Ion Ratio		Lower	Upper
237	100		
235	62.7	43.6	83.6
272	15.3	0.0	32.7

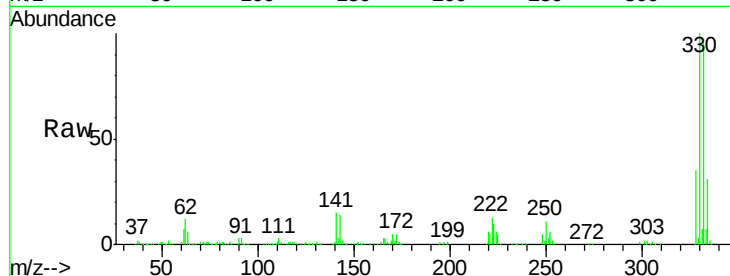




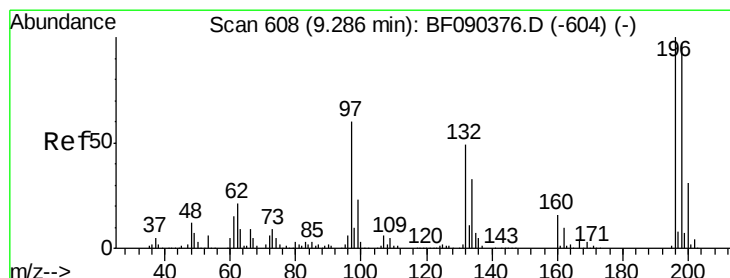
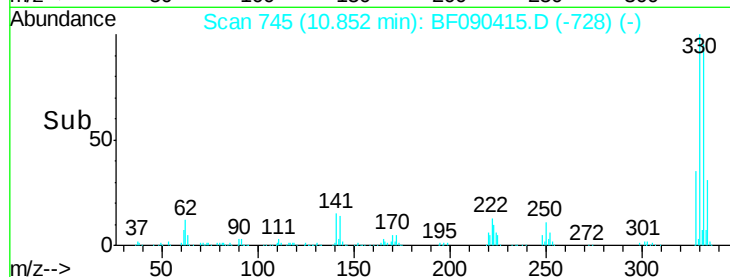
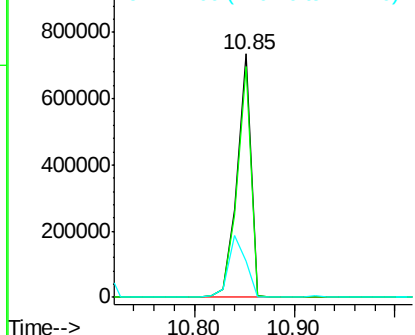
#41
 2,4,6-Tribromophenol
 Concen: 157.29 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tgt Ion:330 Resp: 711843
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.4 113.0
 141 31.6 26.9 40.3

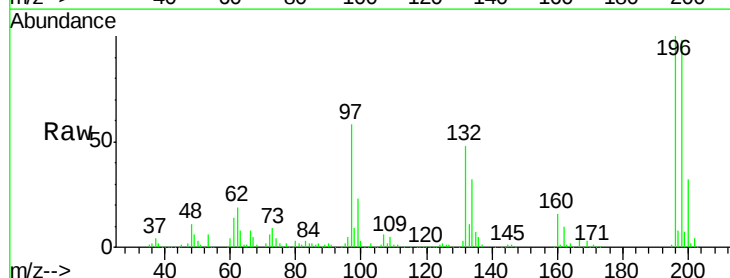


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

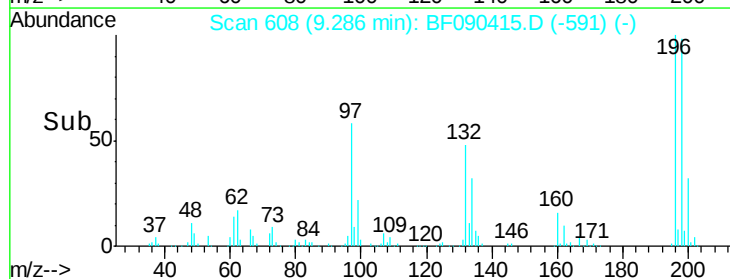
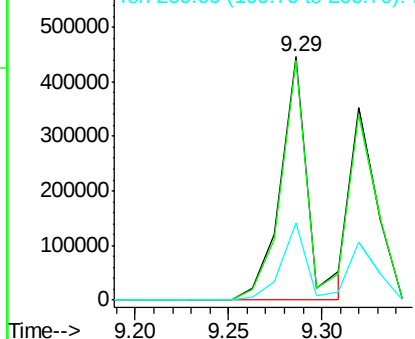


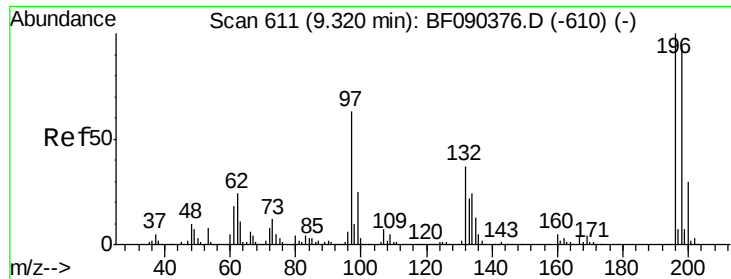
#42
 2,4,6-Trichlorophenol
 Concen: 44.85 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:196 Resp: 454171
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.9 118.3
 200 31.7 25.4 38.2



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

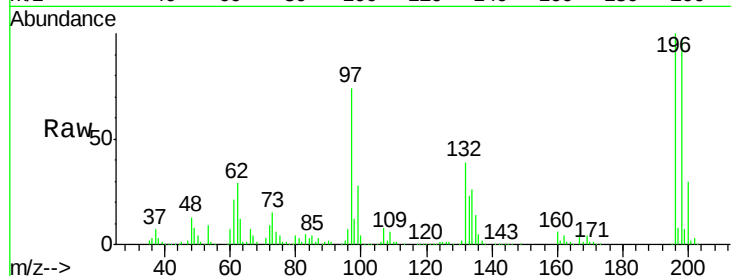




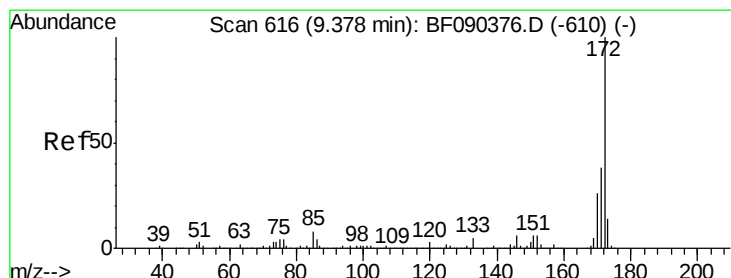
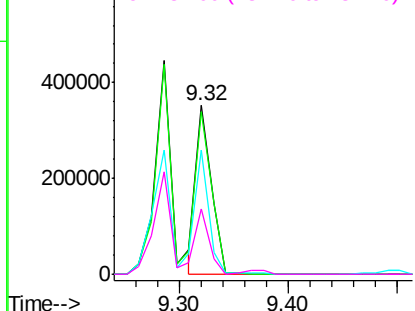
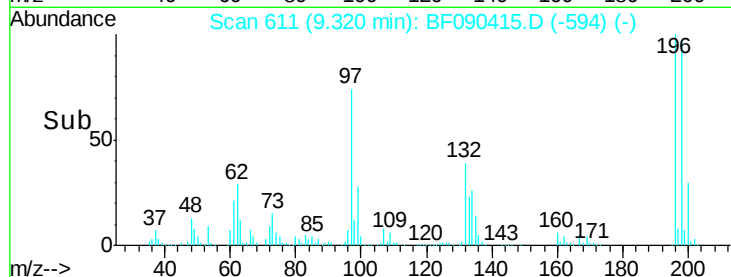
#43
 2,4,5-Trichlorophenol
 Concen: 36.46 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tgt Ion:196 Resp: 349104
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.1 117.1
 97 73.6 48.1 72.1#
 132 38.6 27.4 41.2

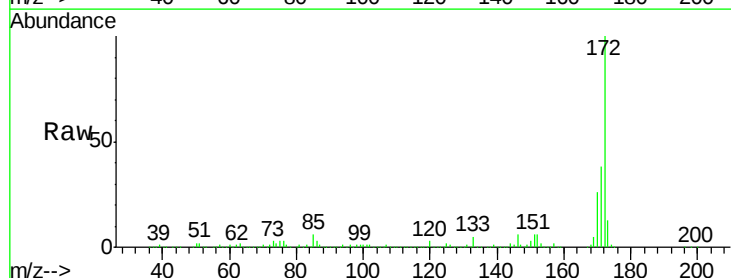


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

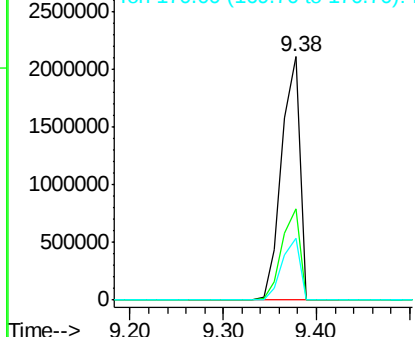
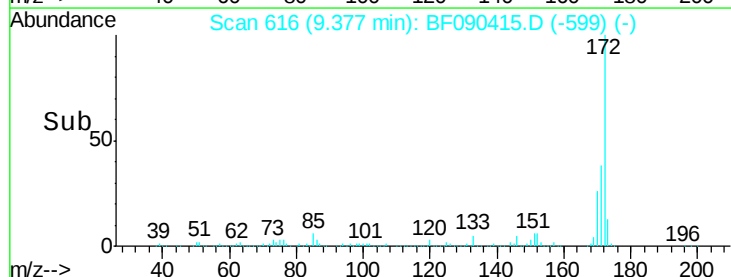


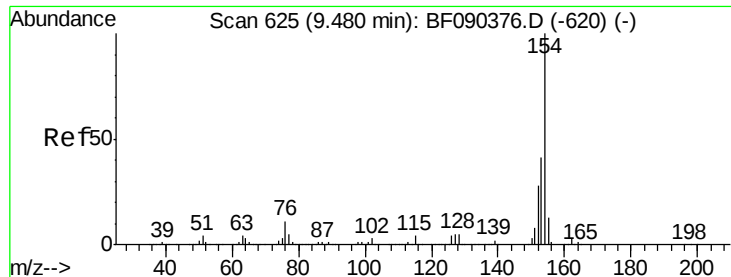
#44
 2-Fluorobiphenyl
 Concen: 85.28 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:172 Resp: 2848706
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.8 47.8
 170 25.5 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

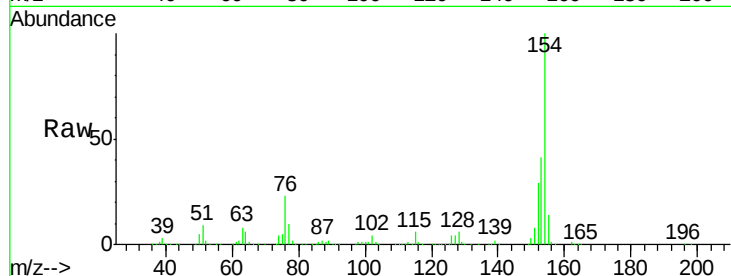




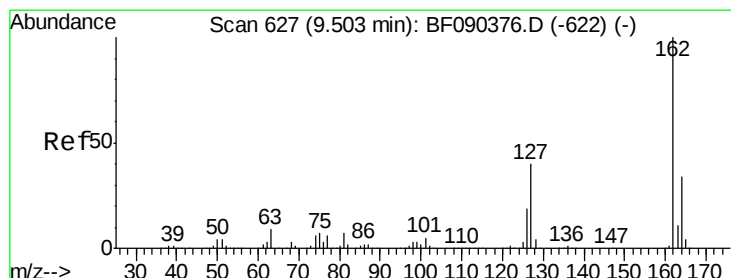
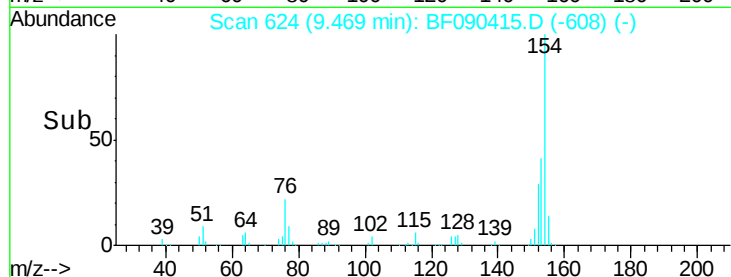
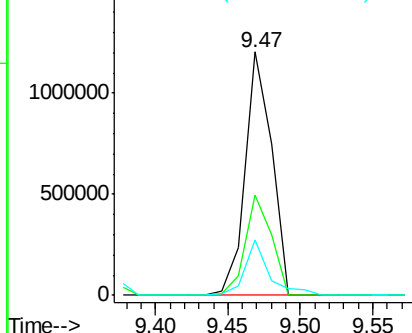
#45
 1,1'-Biphenyl
 Concen: 36.73 ng
 RT: 9.47 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tgt Ion:154 Resp: 1514768
 Ion Ratio Lower Upper
 154 100
 153 41.2 23.8 63.8
 76 22.6 0.0 35.8

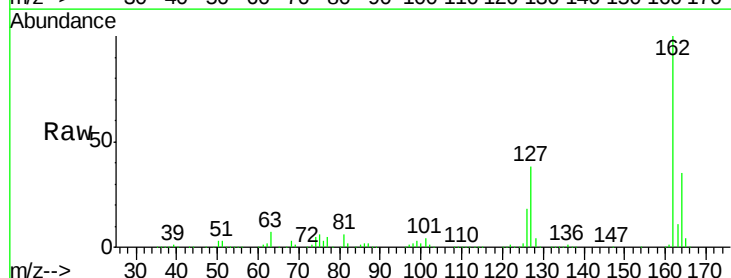


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

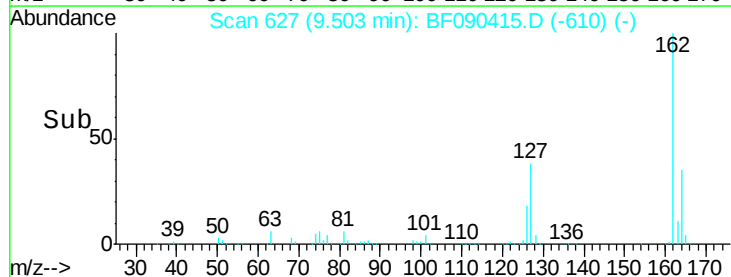
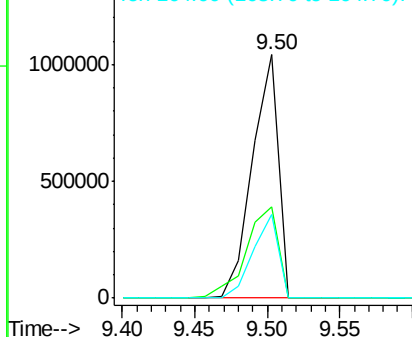


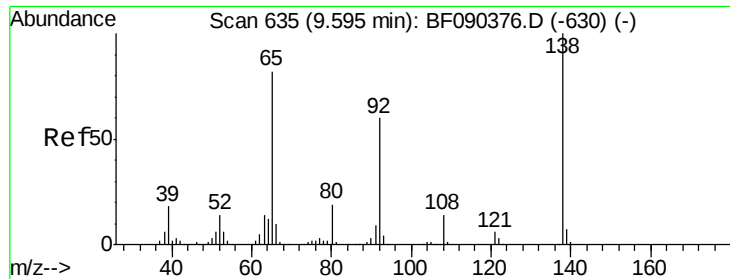
#46
 2-Chloronaphthalene
 Concen: 42.54 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:162 Resp: 1296384
 Ion Ratio Lower Upper
 162 100
 127 37.7 35.6 53.4
 164 34.6 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

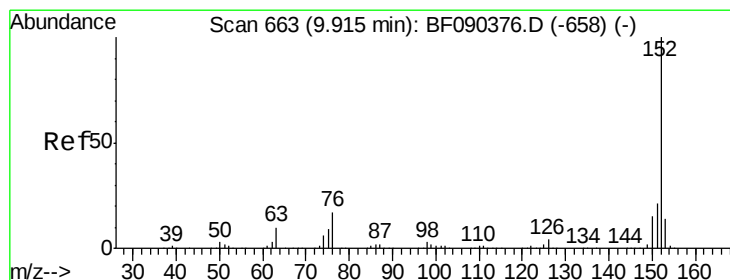
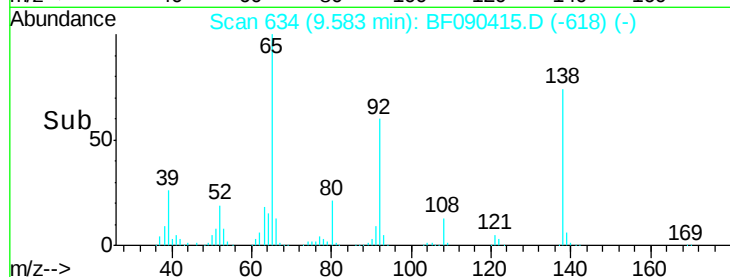
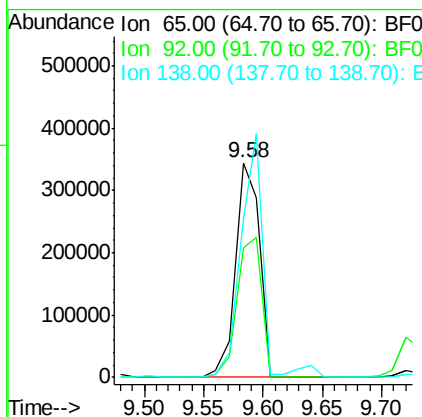
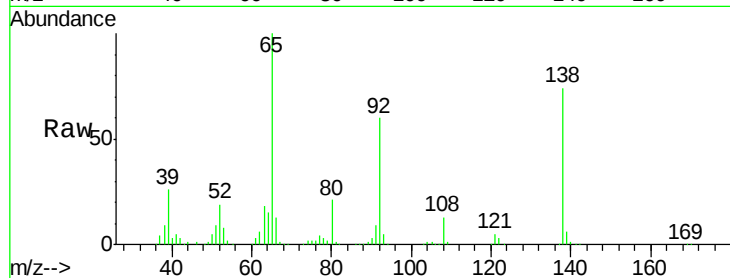




#47
 2-Nitroaniline
 Concen: 40.14 ng
 RT: 9.58 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

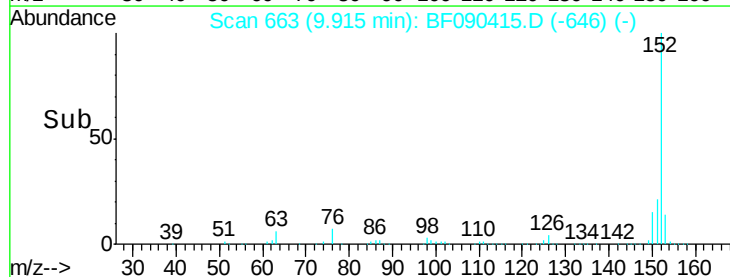
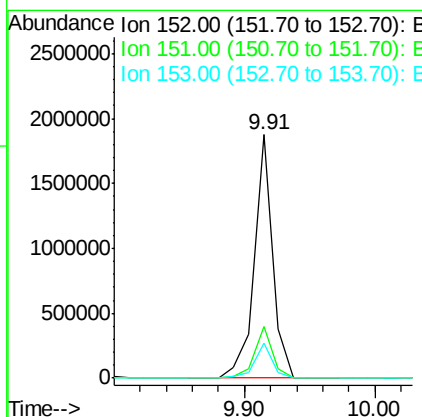
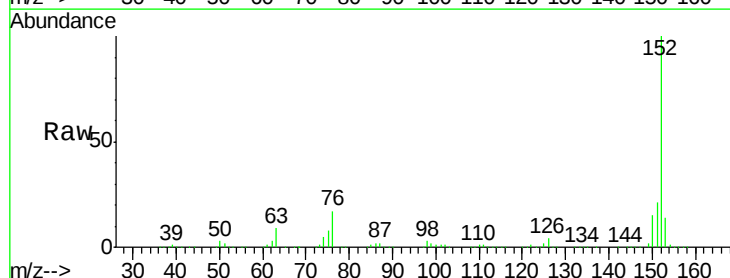
Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

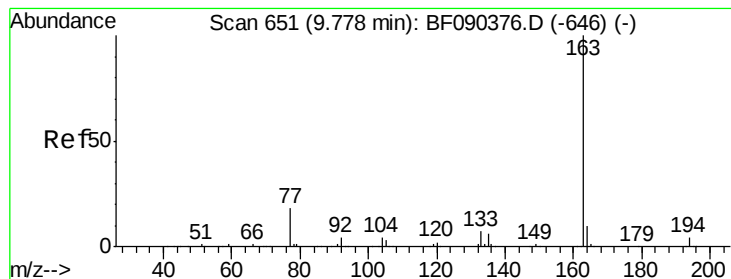
Tgt Ion: 65 Resp: 482640
 Ion Ratio Lower Upper
 65 100
 92 60.2 51.7 77.5
 138 74.3 79.0 118.4#



#48
 Acenaphthylene
 Concen: 36.51 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion: 152 Resp: 1835534
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.4 26.0
 153 14.4 11.6 17.4





#49

Dimethylphthalate

Concen: 43.47 ng

RT: 9.78 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

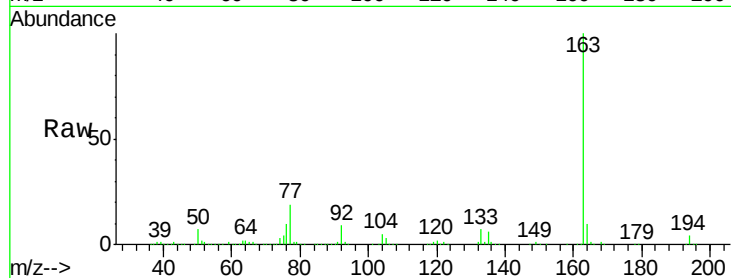
Tgt Ion:163 Resp: 1549423

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

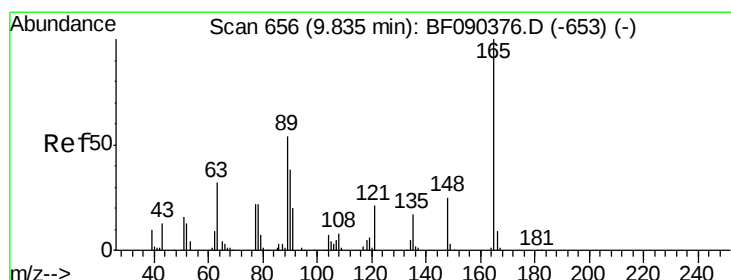
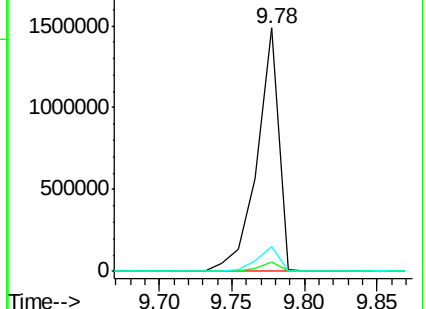
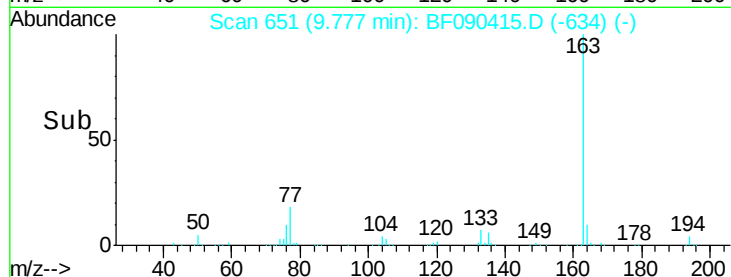
164 10.3 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.04 ng

RT: 9.83 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

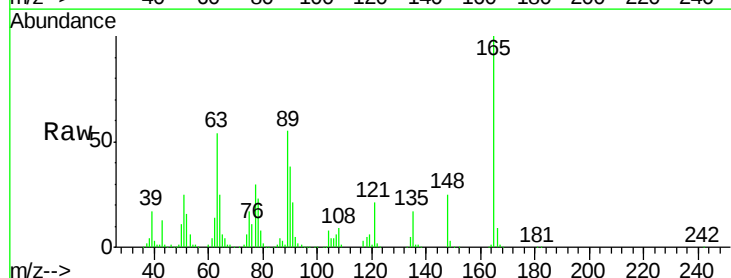
Tgt Ion:165 Resp: 348534

Ion Ratio Lower Upper

165 100

63 54.3 58.0 87.0#

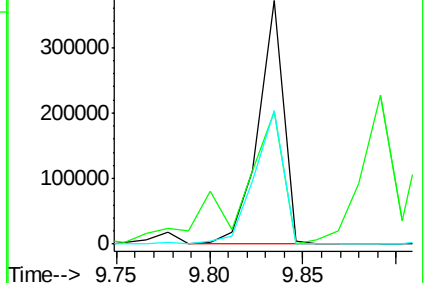
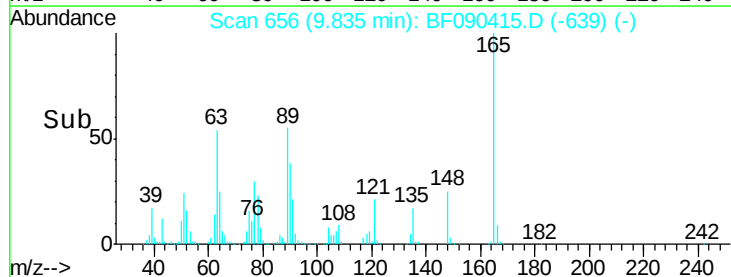
89 54.8 51.2 76.8

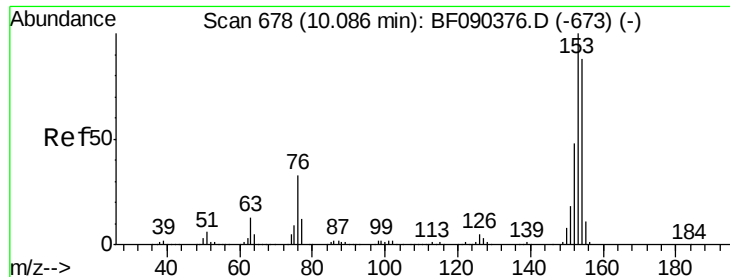


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.52 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

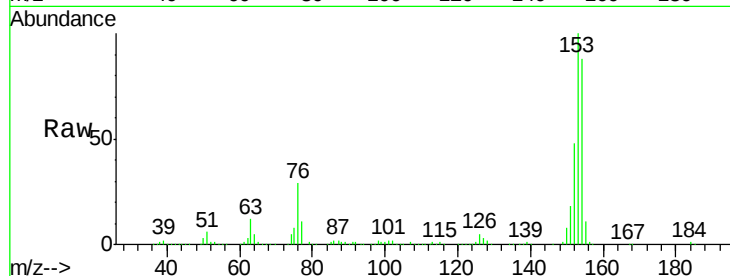
Tgt Ion:154 Resp: 1332914

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

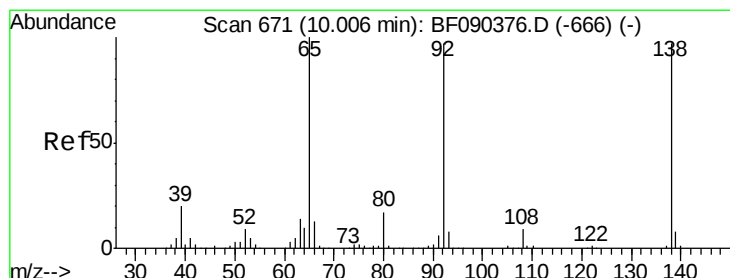
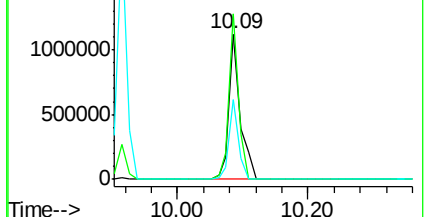
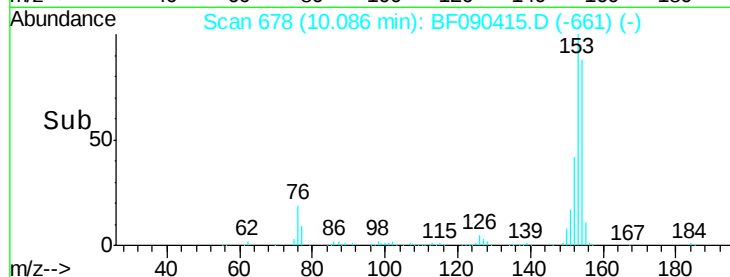
152 55.1 42.6 64.0



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: 20.60 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

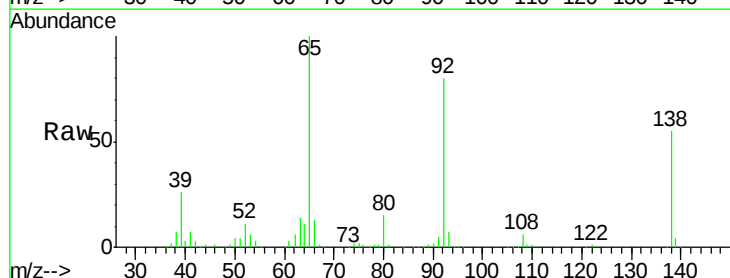
Tgt Ion:138 Resp: 190402

Ion Ratio Lower Upper

138 100

108 11.0 9.7 14.5

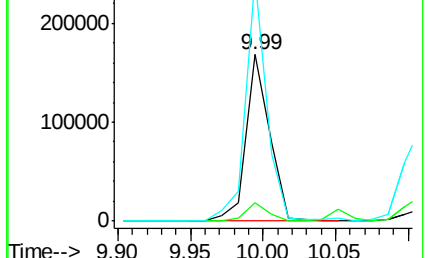
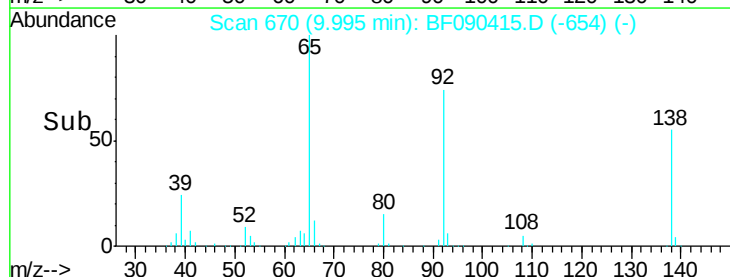
92 146.1 97.1 145.7#

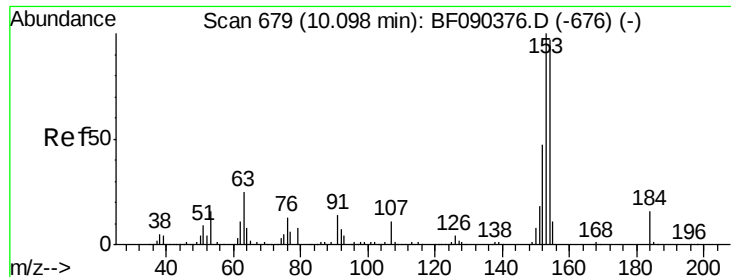


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

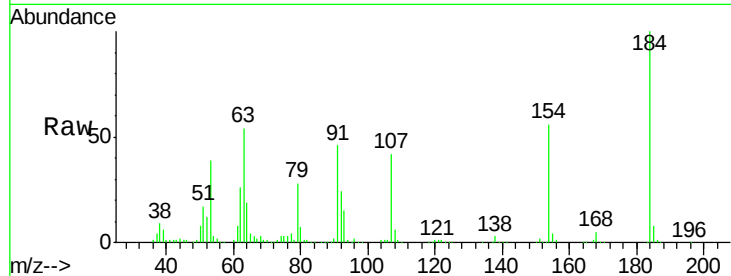




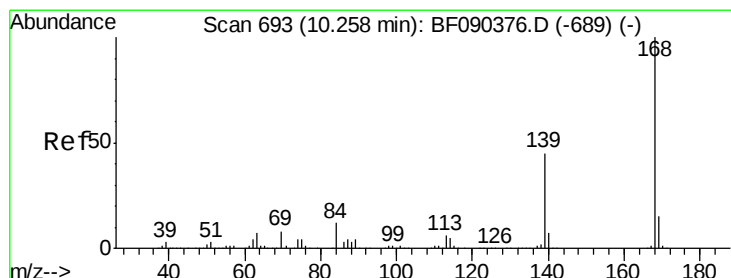
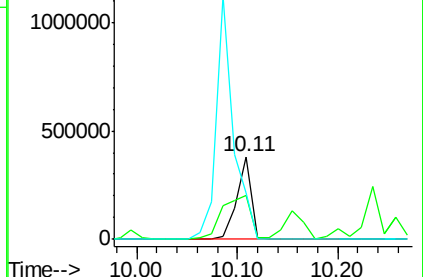
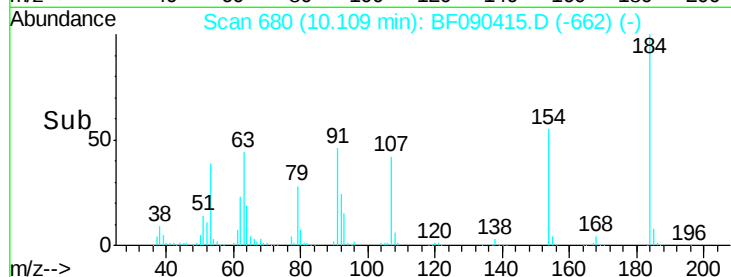
#53
 2,4-Dinitrophenol
 Concen: 107.68 ng
 RT: 10.11 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tgt Ion:184 Resp: 379942
 Ion Ratio Lower Upper
 184 100
 63 53.6 41.9 62.9
 154 56.3 48.9 73.3

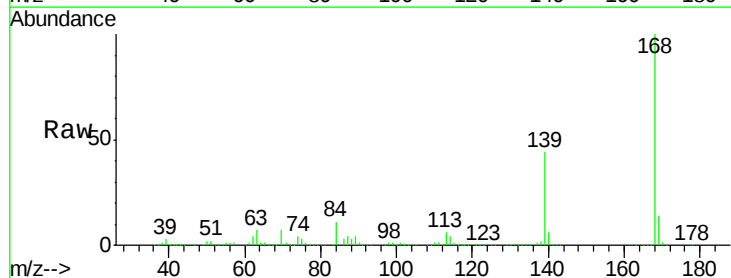


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

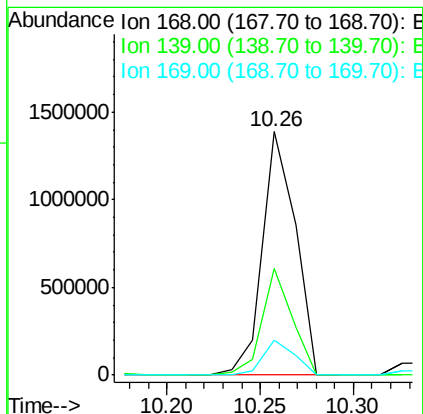
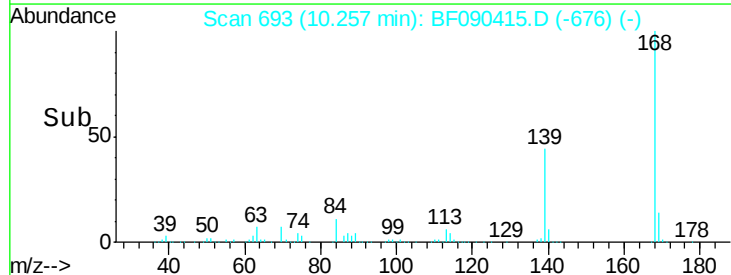


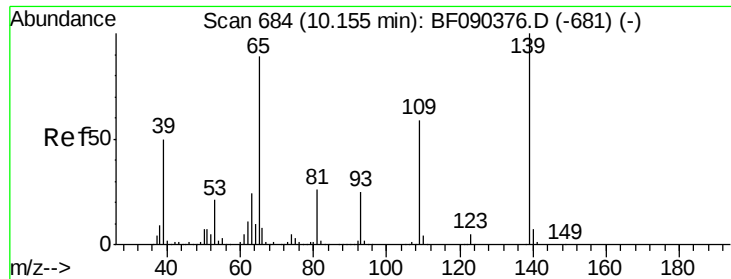
#54
 Dibenzofuran
 Concen: 41.82 ng
 RT: 10.26 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:168 Resp: 1697118
 Ion Ratio Lower Upper
 168 100
 139 43.8 29.6 44.4
 169 14.3 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: 86.28 ng

RT: 10.17 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

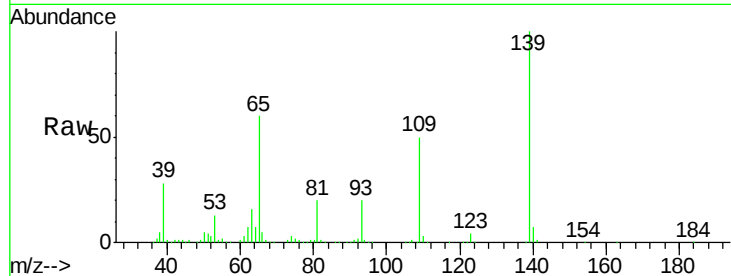
Tgt Ion:139 Resp: 697871

Ion Ratio Lower Upper

139 100

109 50.5 43.6 83.6

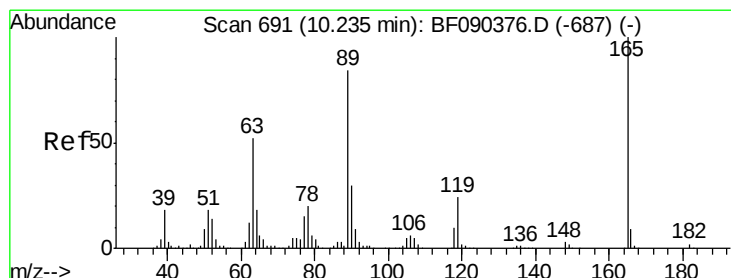
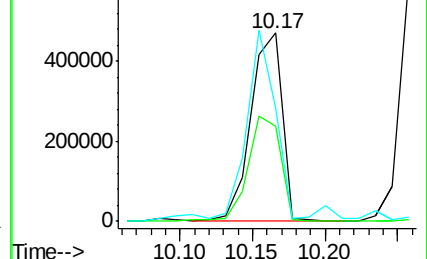
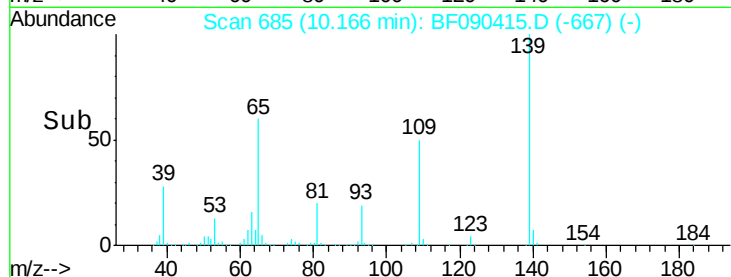
65 60.3 87.5 127.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.40 ng

RT: 10.23 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Tgt Ion:165 Resp: 404416

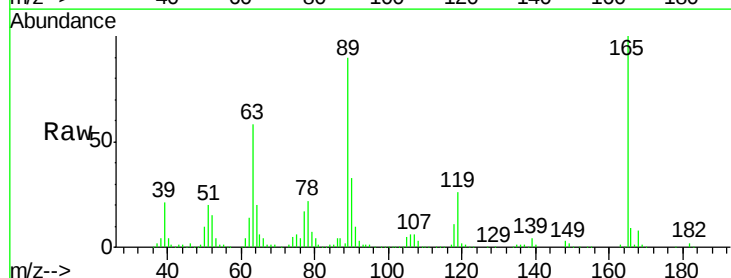
Ion Ratio Lower Upper

165 100

63 58.3 17.8 26.6#

89 89.7 33.2 49.8#

182 2.0 2.1 3.1#

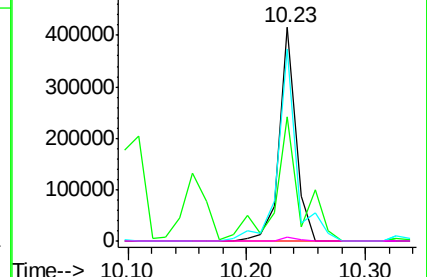
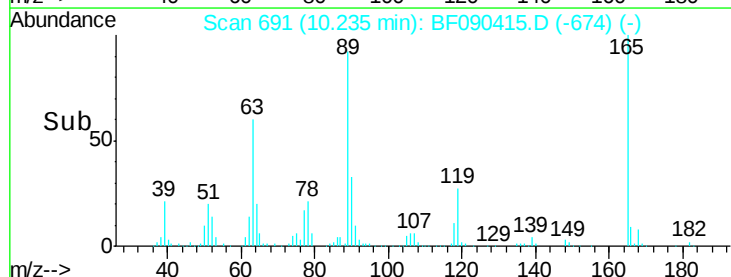


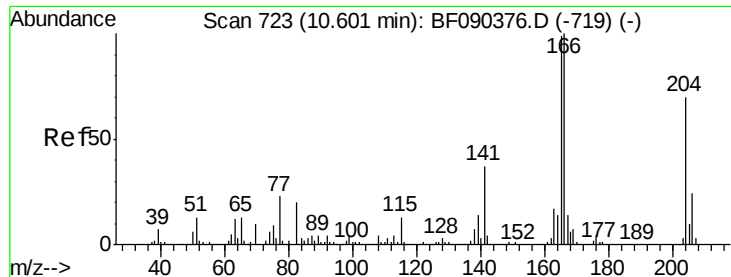
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.73 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

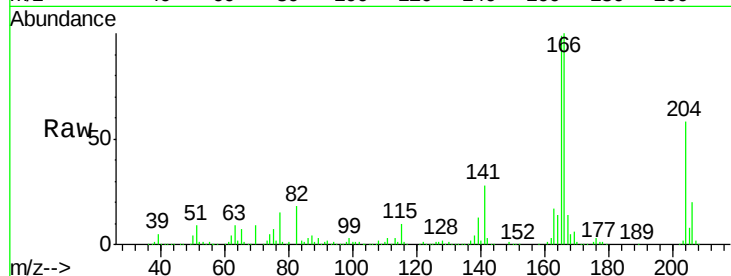
Tgt Ion:166 Resp: 1388903

Ion Ratio Lower Upper

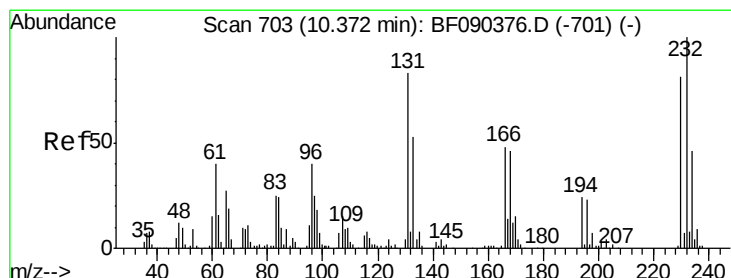
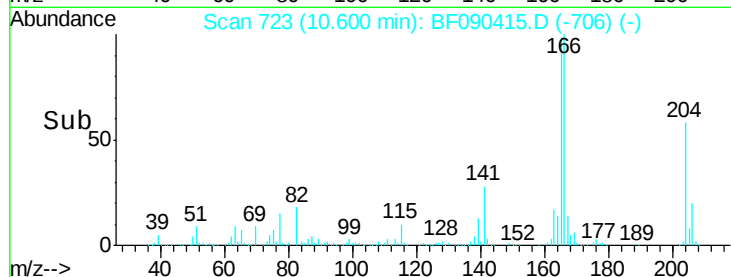
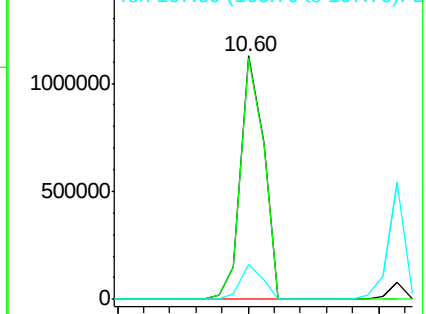
166 100

165 98.9 79.2 118.8

167 14.4 11.1 16.7



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: 52.35 ng

RT: 10.34 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Tgt Ion:232 Resp: 374359

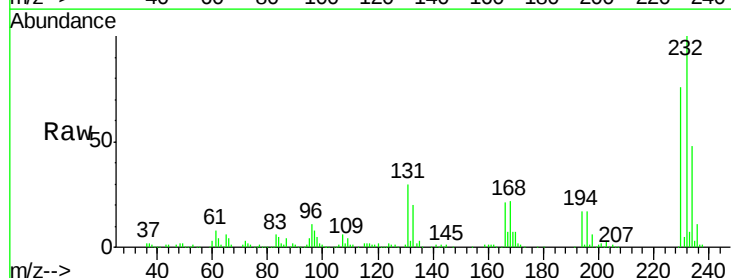
Ion Ratio Lower Upper

232 100

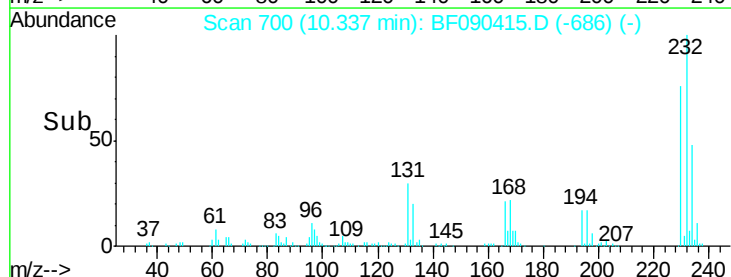
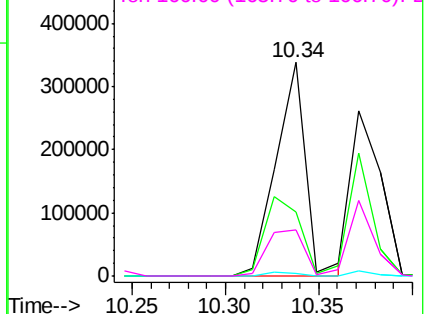
131 44.2 34.5 51.7

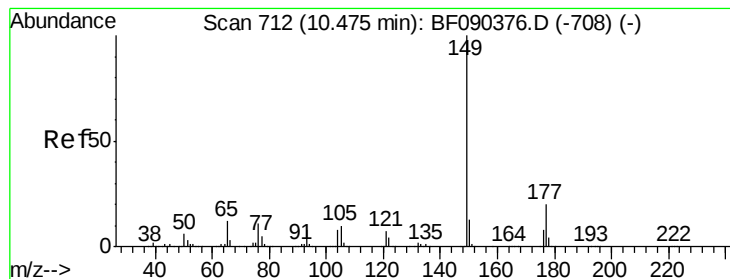
130 2.2 1.6 2.4

166 27.1 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: 39.74 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

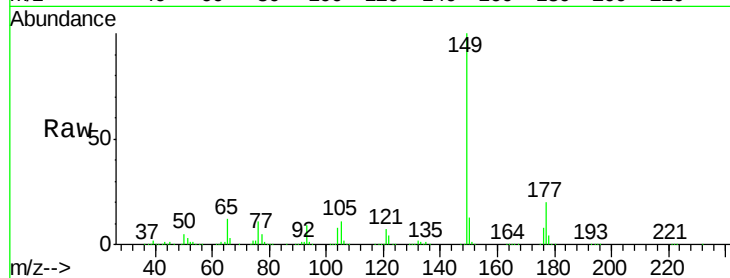
Tgt Ion:149 Resp: 1465849

Ion Ratio Lower Upper

149 100

177 20.4 21.1 31.7#

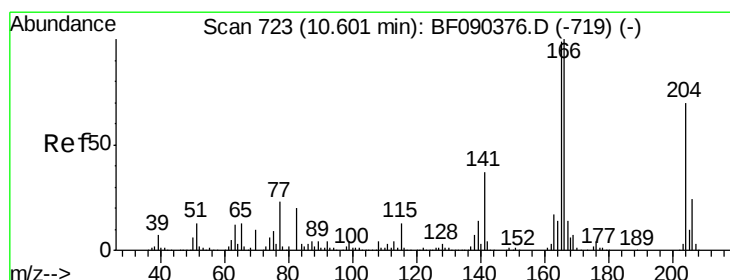
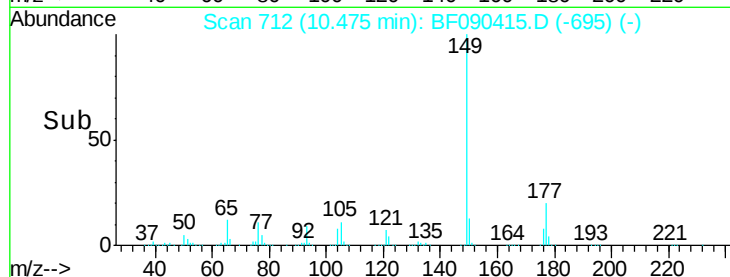
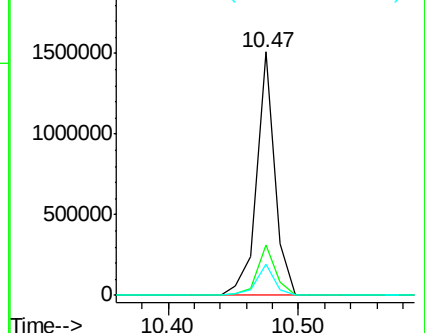
150 13.0 10.2 15.2



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: 44.30 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

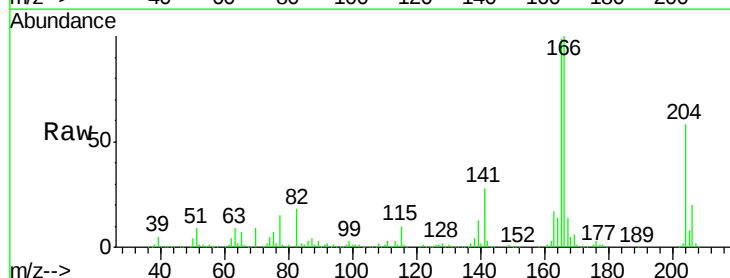
Tgt Ion:204 Resp: 686948

Ion Ratio Lower Upper

204 100

206 34.6 26.7 40.1

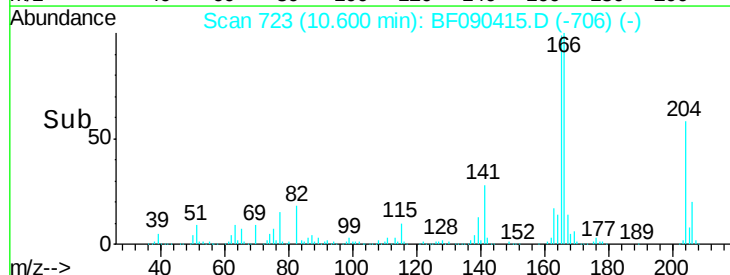
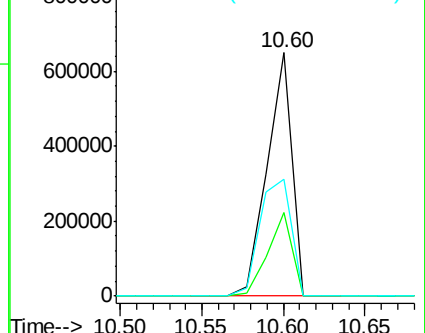
141 48.2 51.7 77.5#

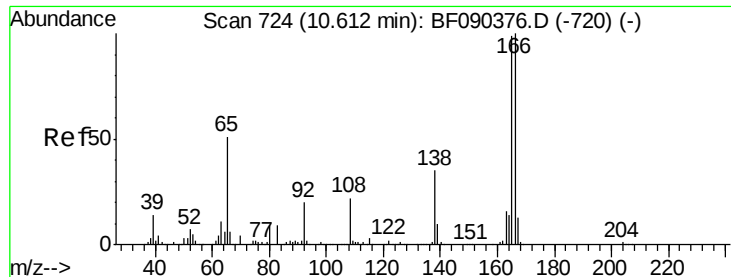


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

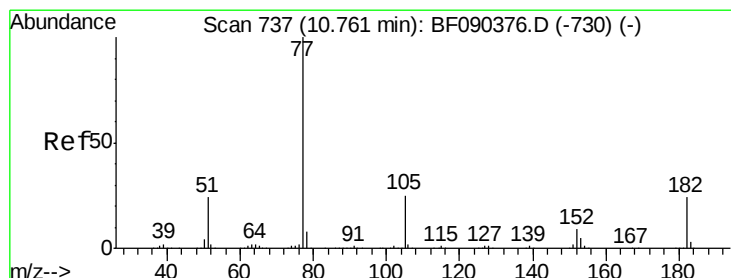
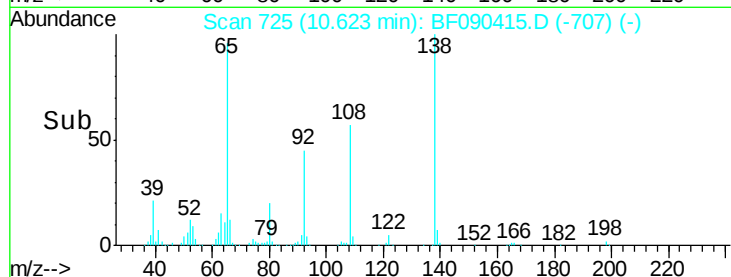
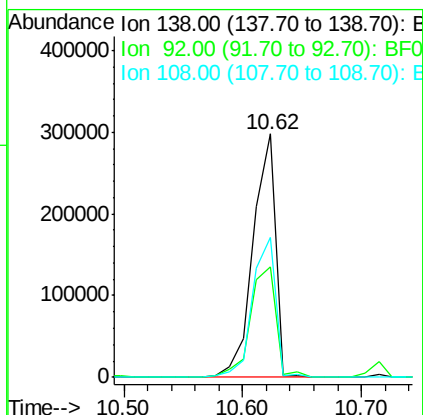
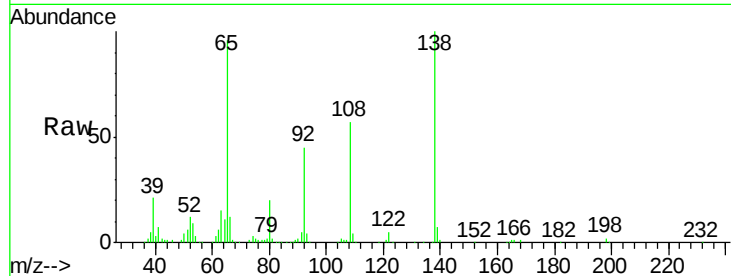




#61
4-Nitroaniline
Concen: 42.42 ng
RT: 10.62 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

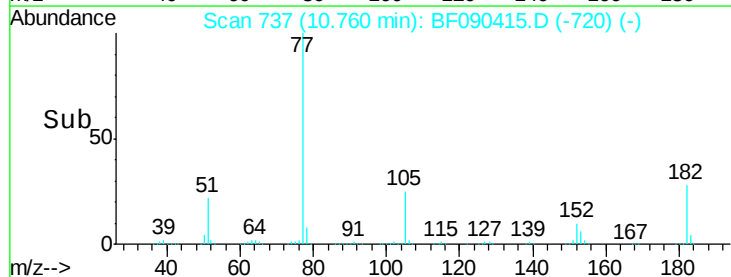
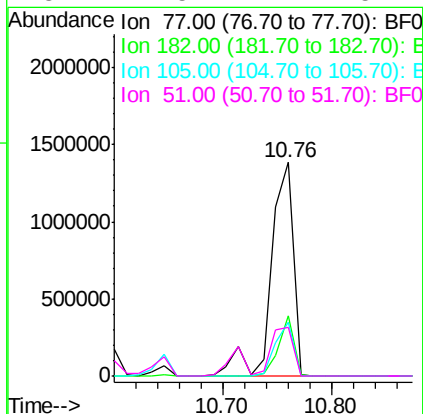
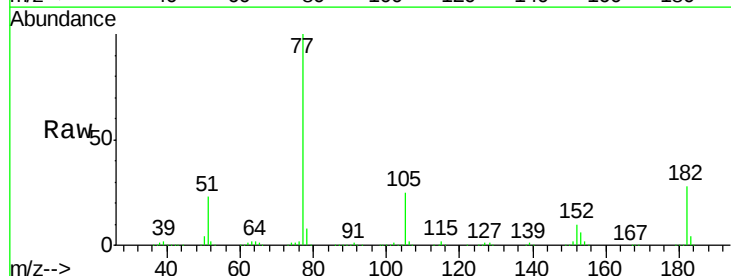
Instrument :
BNA_F
ClientSampleId :
PB93730BS

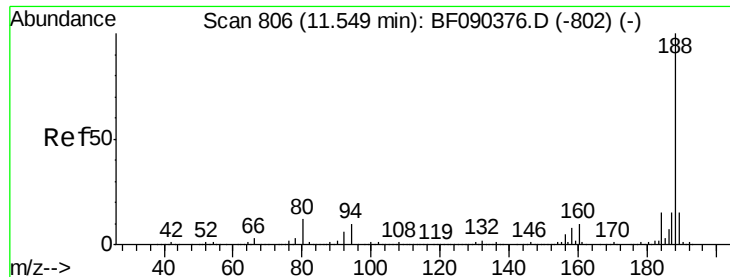
Tgt Ion:138 Resp: 395109
Ion Ratio Lower Upper
138 100
92 45.3 33.2 73.2
108 57.4 48.5 88.5



#62
Azobenzene
Concen: 46.22 ng
RT: 10.76 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion: 77 Resp: 1968963
Ion Ratio Lower Upper
77 100
182 28.4 3.2 43.2
105 25.4 2.9 42.9
51 22.5 14.2 54.2

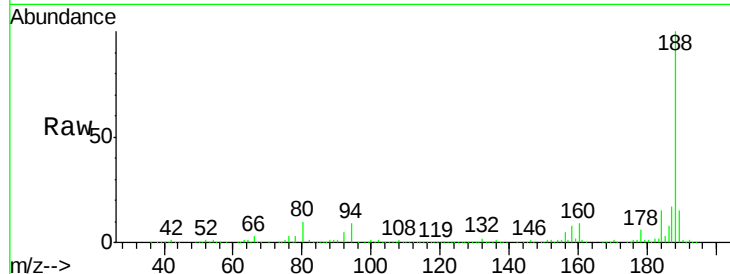




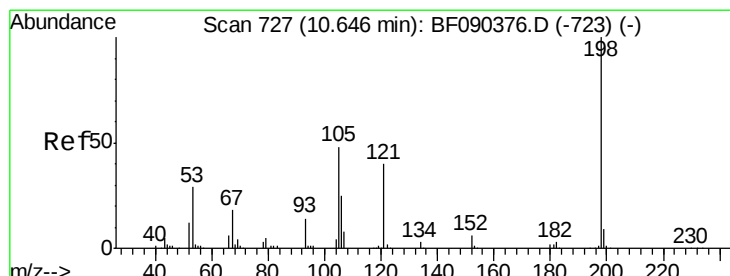
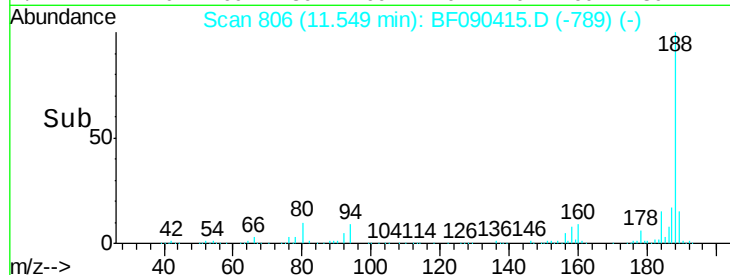
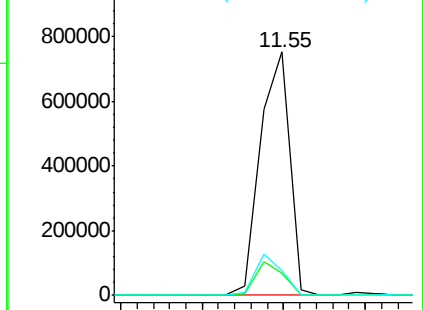
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tgt Ion:188 Resp: 944294
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 10.3 8.8 13.2

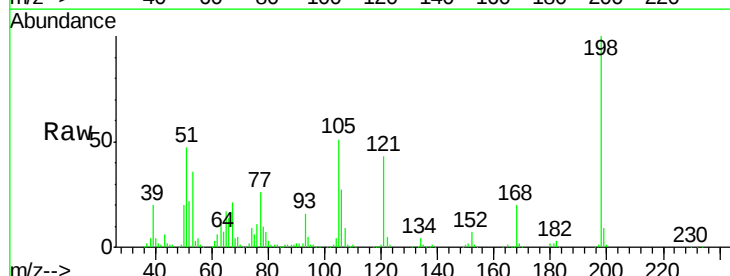


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

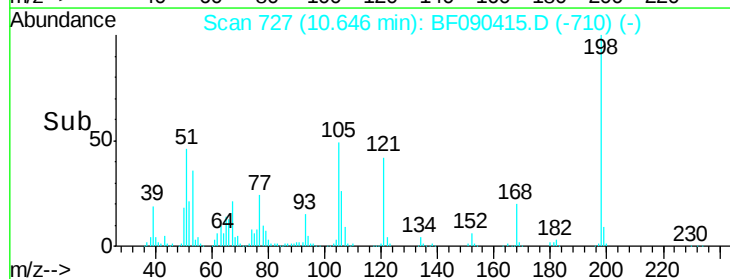
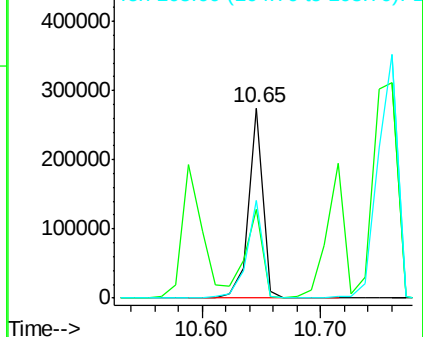


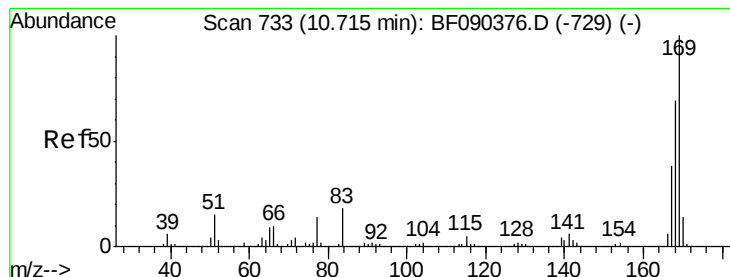
#64
4,6-Dinitro-2-methylphenol
Concen: 37.61 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion:198 Resp: 231276
Ion Ratio Lower Upper
198 100
51 46.5 67.3 107.3#
105 51.2 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

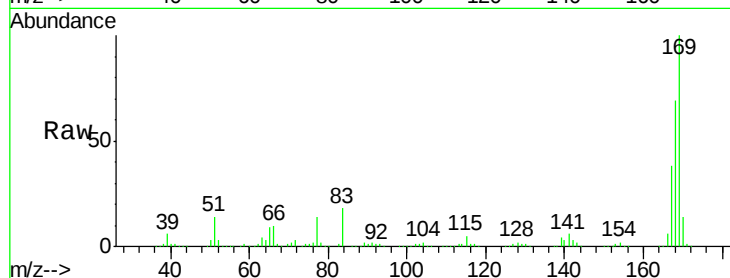




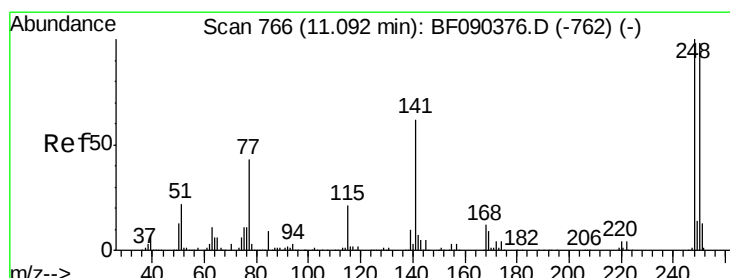
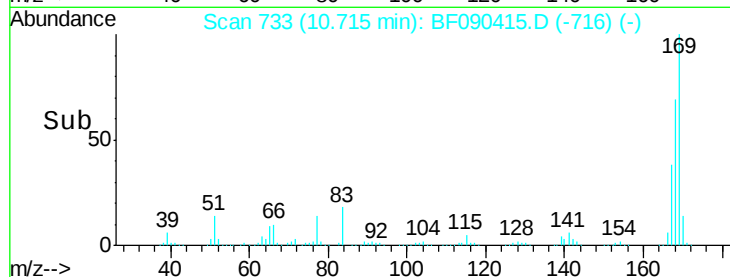
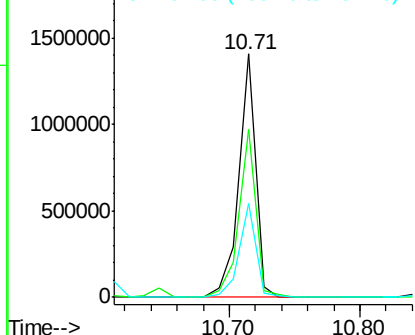
#65
 n-Nitrosodiphenylamine
 Concen: 39.45 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tgt Ion:169 Resp: 1248207
 Ion Ratio Lower Upper
 169 100
 168 69.2 53.8 80.6
 167 38.3 29.8 44.8

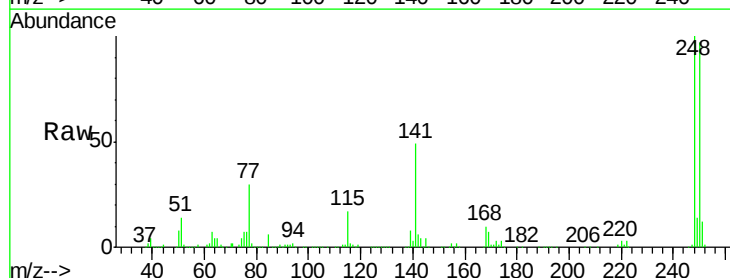


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

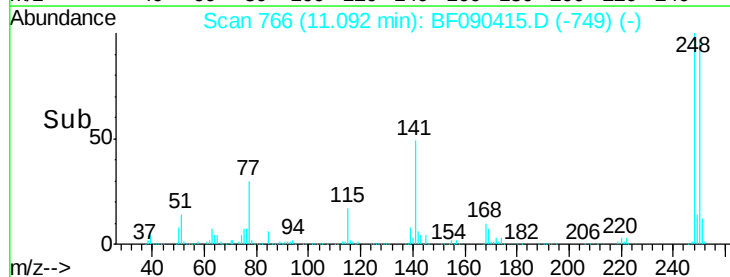
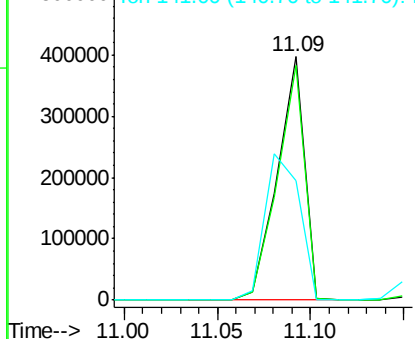


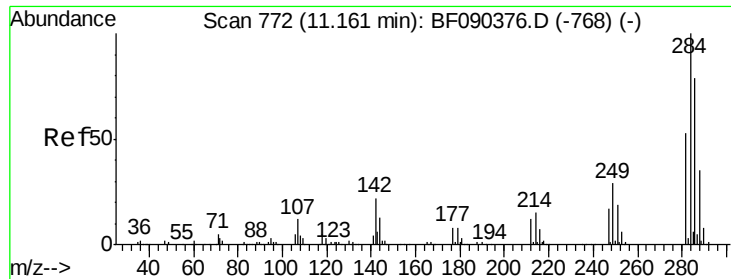
#66
 4-Bromophenyl-phenylether
 Concen: 43.40 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:248 Resp: 401719
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.5 114.7
 141 49.0 59.8 89.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

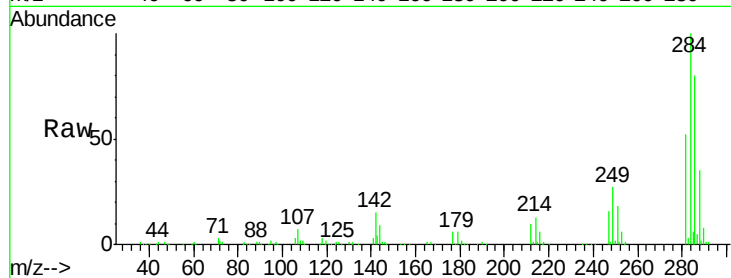




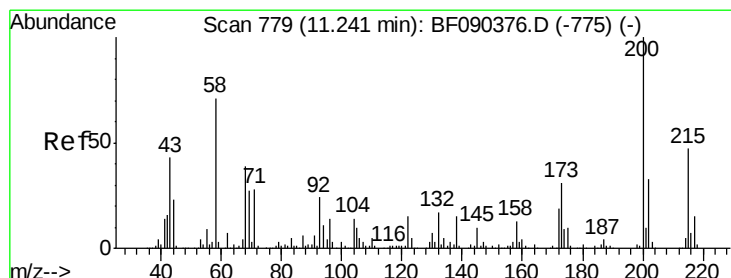
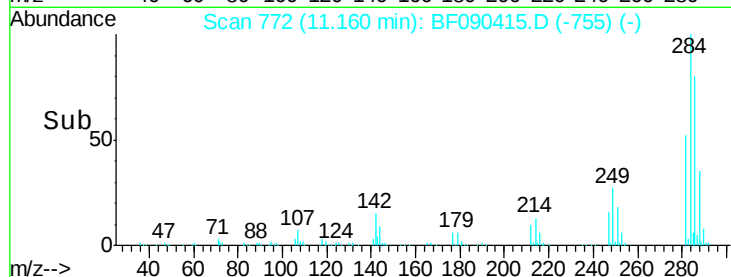
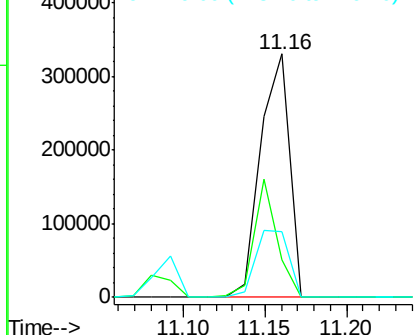
#67
Hexachlorobenzene
Concen: 39.72 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tgt Ion:284 Resp: 409480
Ion Ratio Lower Upper
284 100
142 15.2 23.1 34.7#
249 26.8 26.3 39.5

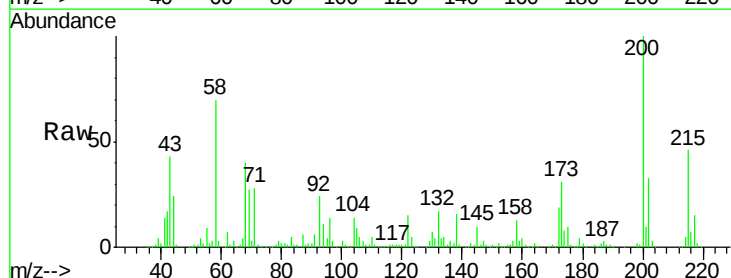


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

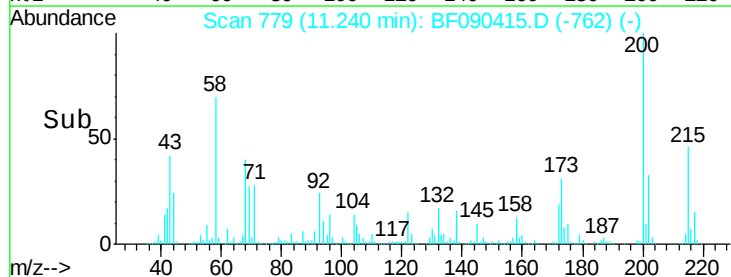
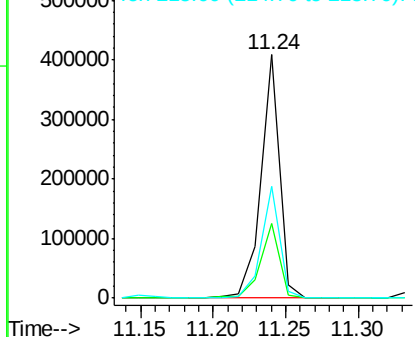


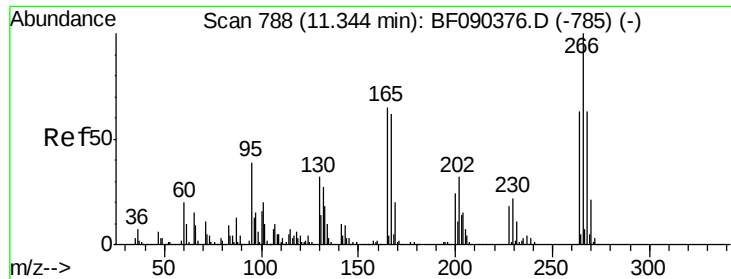
#68
Atrazine
Concen: 46.42 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion:200 Resp: 362190
Ion Ratio Lower Upper
200 100
173 30.7 9.0 49.0
215 45.7 24.8 64.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

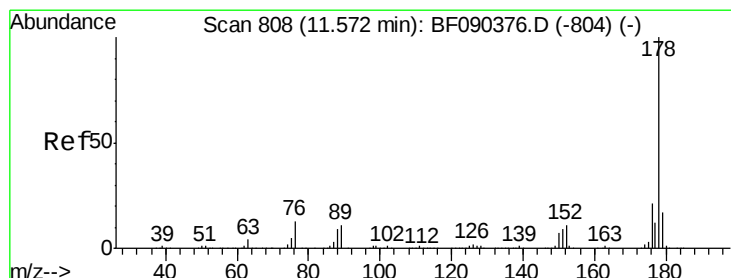
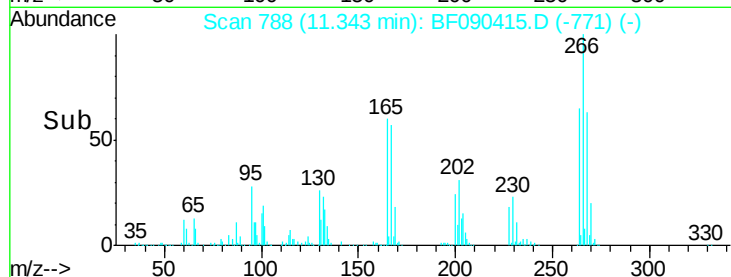
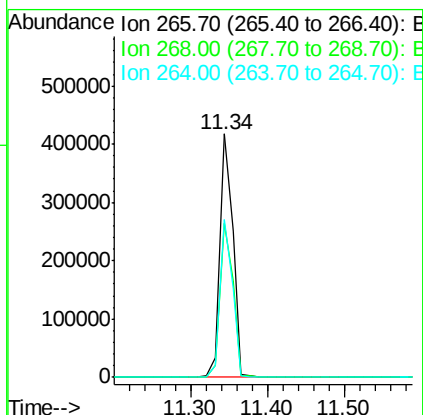
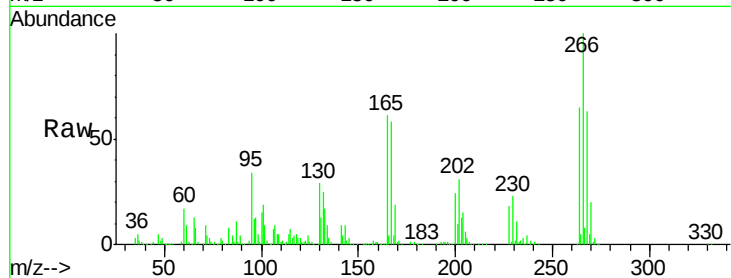




#69
 Pentachlorophenol
 Concen: 80.17 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

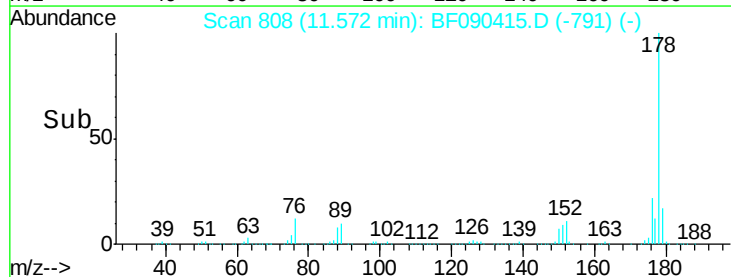
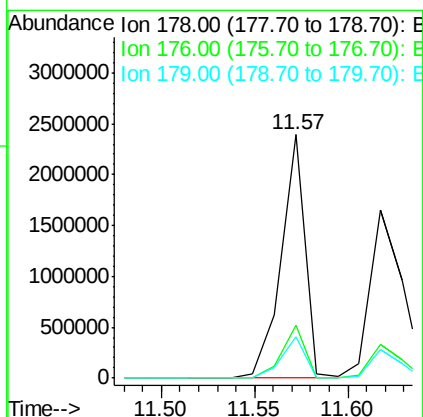
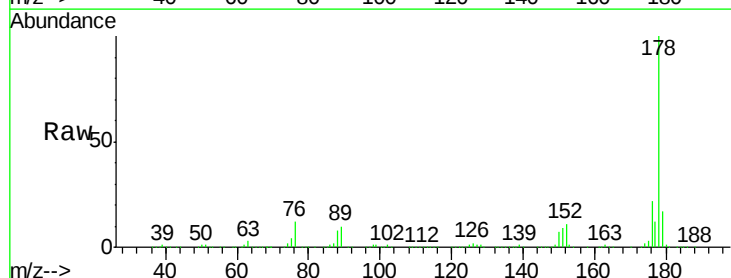
Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

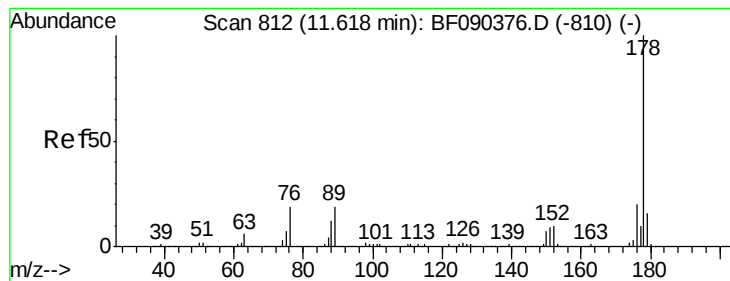
Tgt Ion:266 Resp: 491945
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.9 76.3
 264 64.6 51.5 77.3



#70
 Phenanthrene
 Concen: 44.07 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:178 Resp: 2130754
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.3 25.9
 179 16.8 13.8 20.6





#71

Anthracene

Concen: 38.31 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

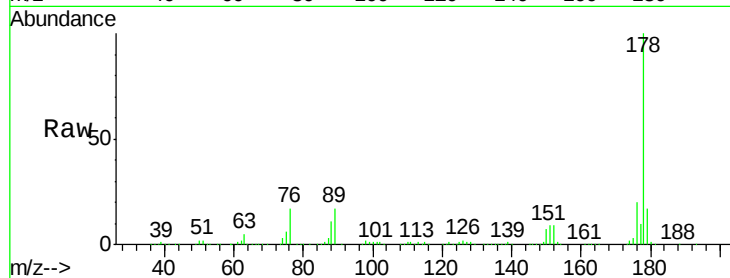
Tgt Ion:178 Resp: 1891716

Ion Ratio Lower Upper

178 100

176 20.1 16.8 25.2

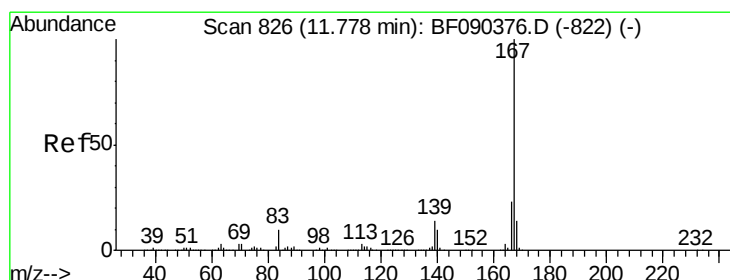
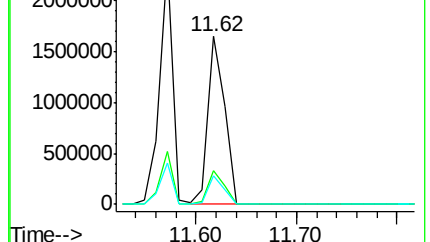
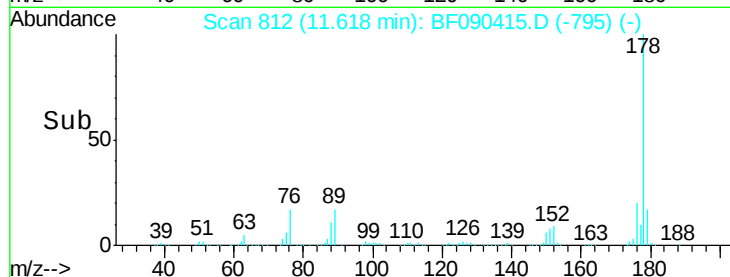
179 16.7 13.4 20.2



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: 43.37 ng

RT: 11.78 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

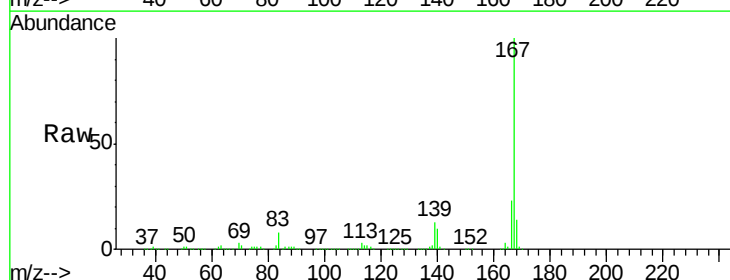
Tgt Ion:167 Resp: 1989693

Ion Ratio Lower Upper

167 100

166 22.7 19.1 28.7

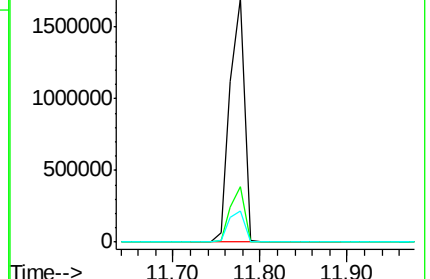
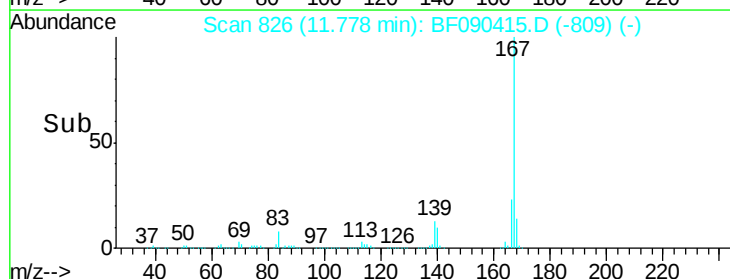
139 12.9 12.1 18.1

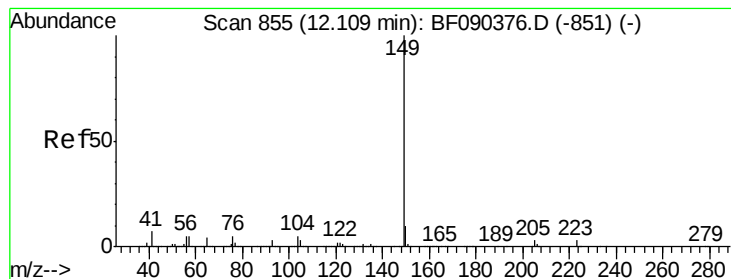


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.57 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

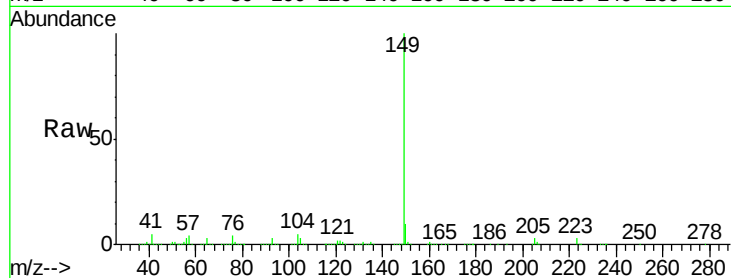
Tgt Ion:149 Resp: 2488194

Ion Ratio Lower Upper

149 100

150 10.0 8.6 12.8

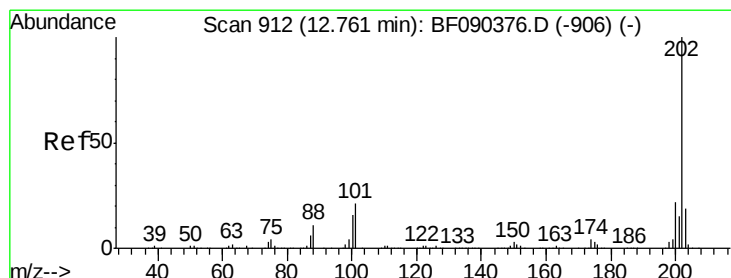
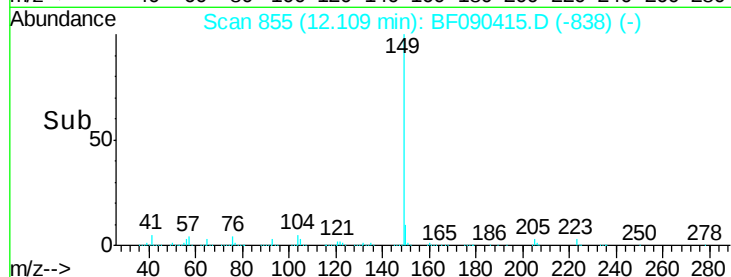
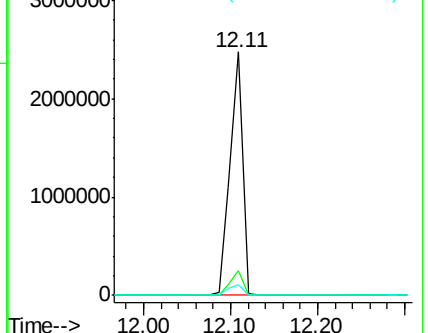
104 4.6 4.7 7.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.95 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

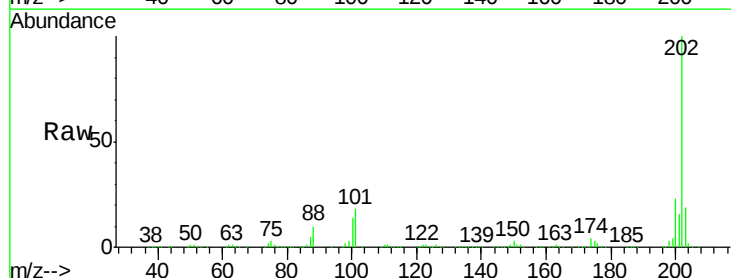
Tgt Ion:202 Resp: 1847378

Ion Ratio Lower Upper

202 100

101 18.5 0.0 37.2

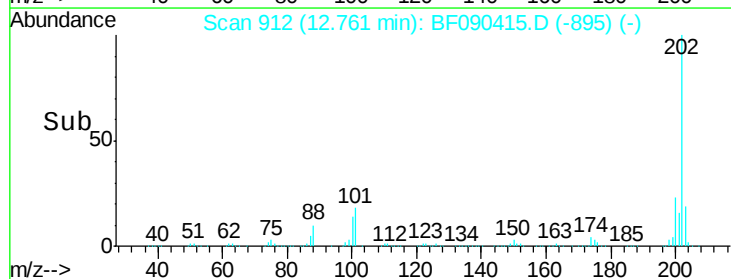
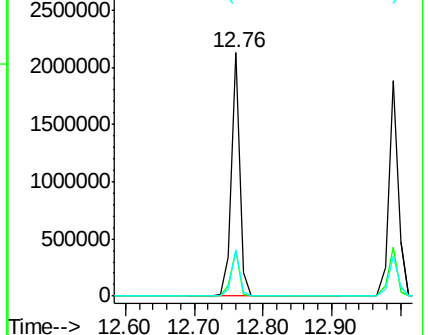
203 19.1 0.0 39.3

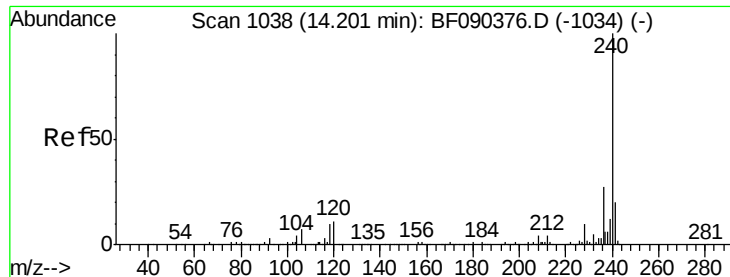


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

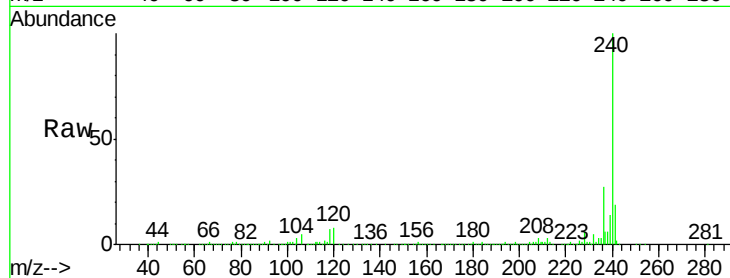
Tgt Ion:240 Resp: 707102

Ion Ratio Lower Upper

240 100

120 8.0 8.6 13.0#

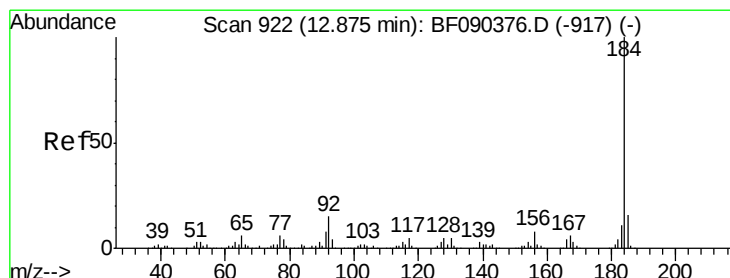
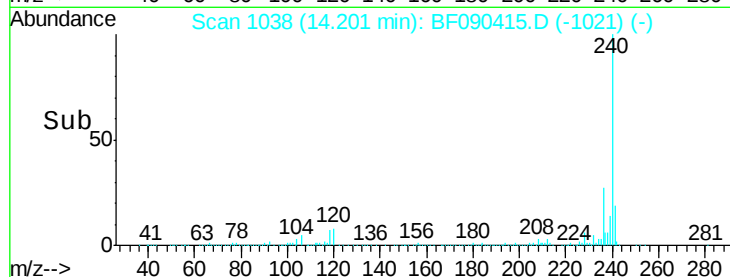
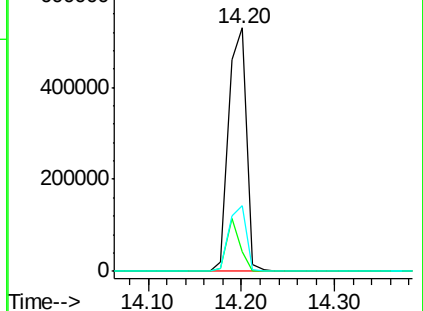
236 26.9 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.89 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

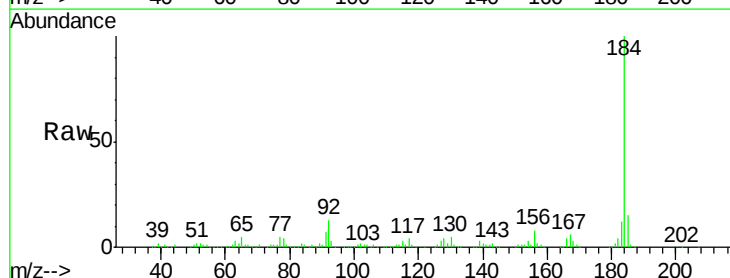
Tgt Ion:184 Resp: 667224

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.8

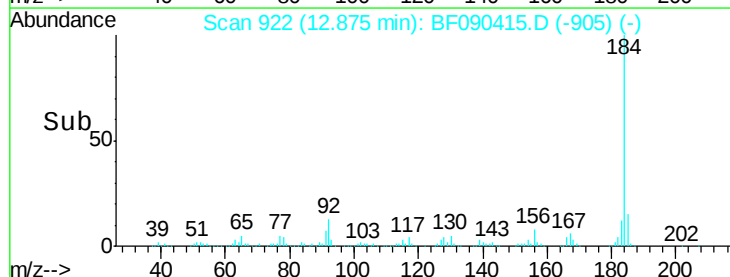
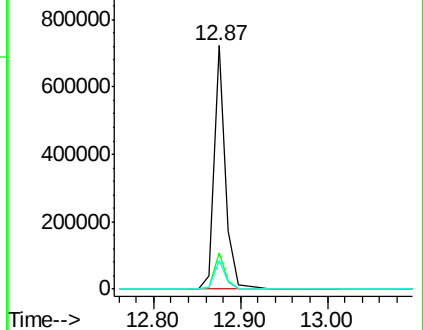
183 11.9 9.6 14.4

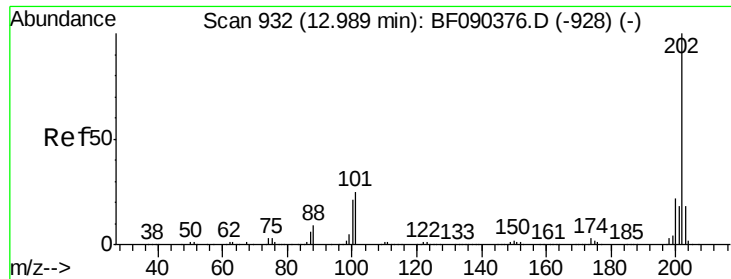


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

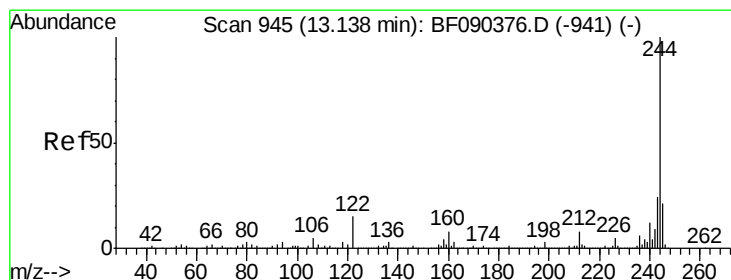
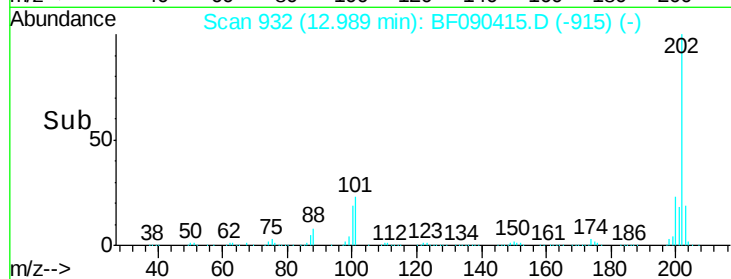
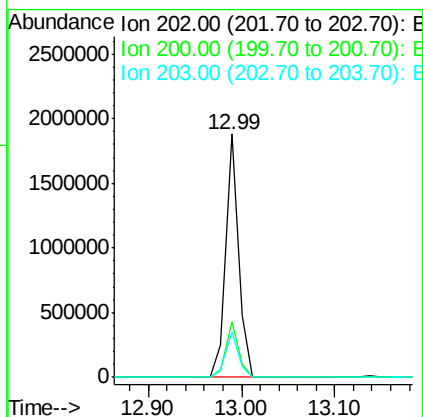
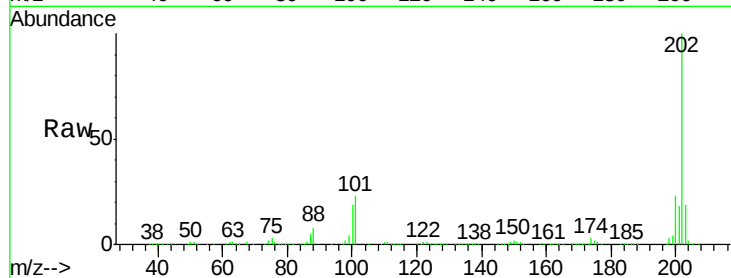




#77
 Pyrene
 Concen: 38.24 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

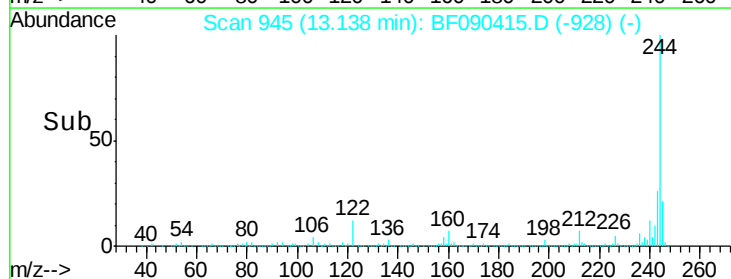
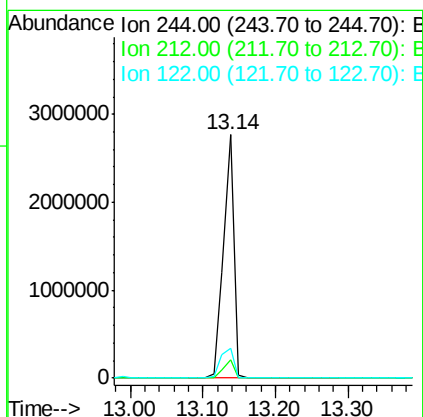
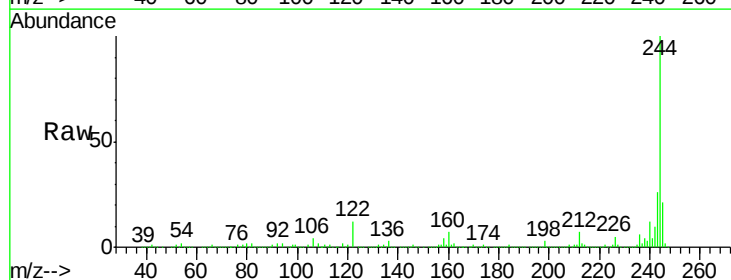
Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

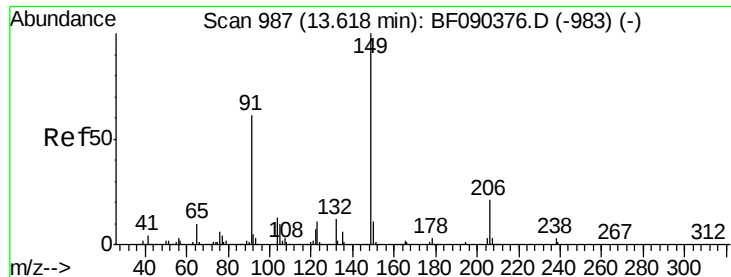
Tgt Ion: 202 Resp: 1803132
 Ion Ratio Lower Upper
 202 100
 200 22.6 18.5 27.7
 203 18.8 15.0 22.6



#78
 Terphenyl-d14
 Concen: 88.79 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion: 244 Resp: 2792565
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.8 10.2
 122 12.1 13.3 19.9#





#79

Butylbenzylphthalate

Concen: 38.49 ng

RT: 13.61 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

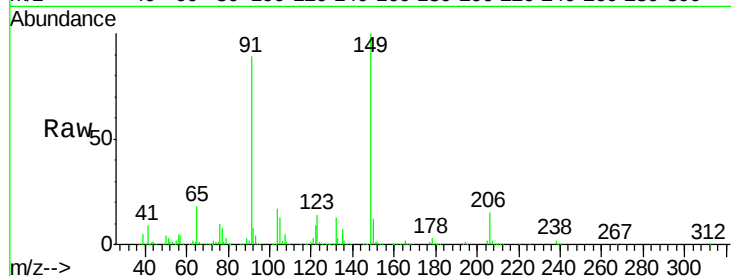
Tgt Ion:149 Resp: 931264

Ion Ratio Lower Upper

149 100

91 89.0 51.8 77.8#

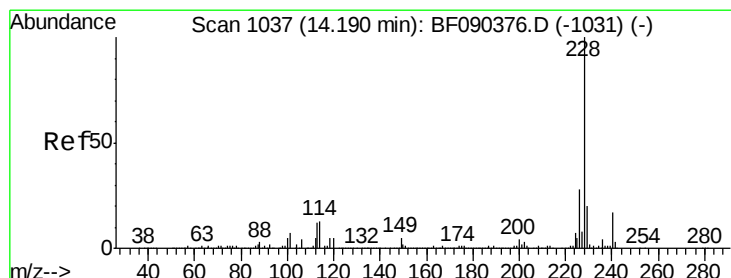
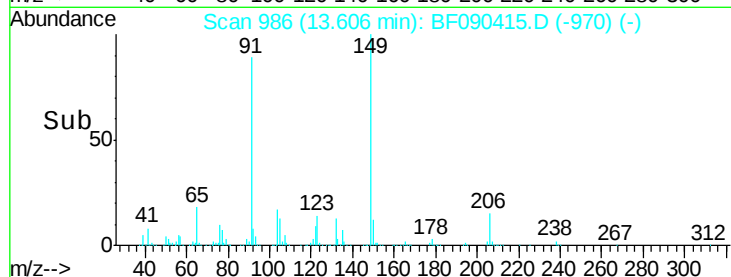
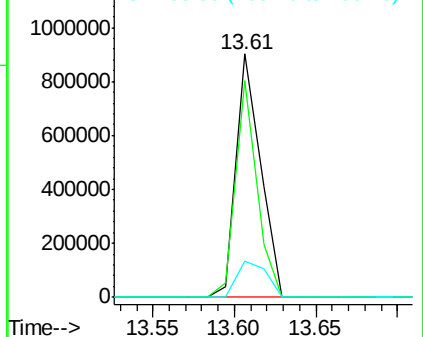
206 14.7 18.0 27.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.11 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

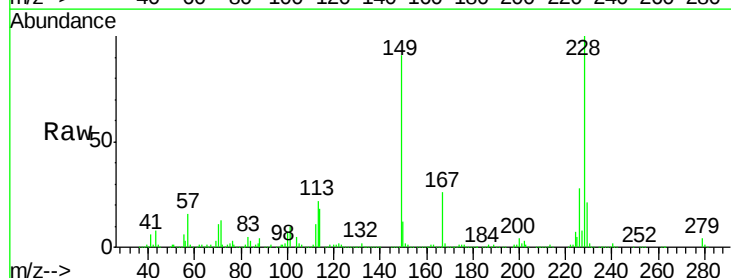
Tgt Ion:228 Resp: 1710373

Ion Ratio Lower Upper

228 100

226 28.5 23.6 35.4

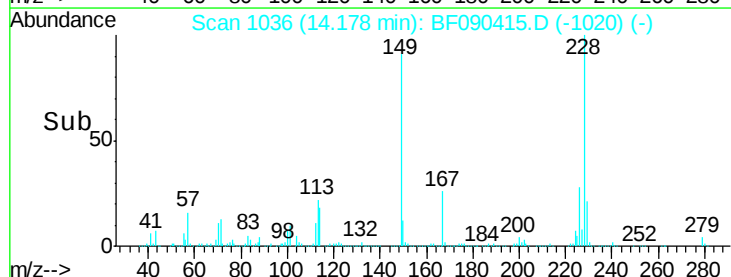
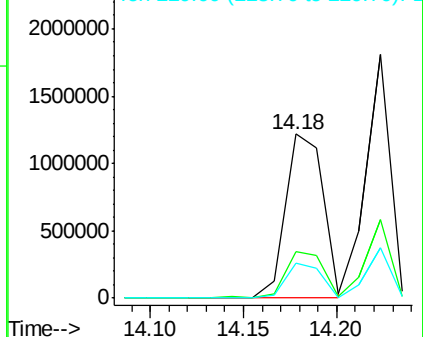
229 21.1 16.6 25.0

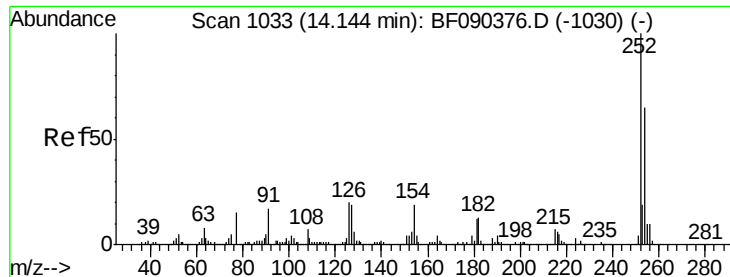


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

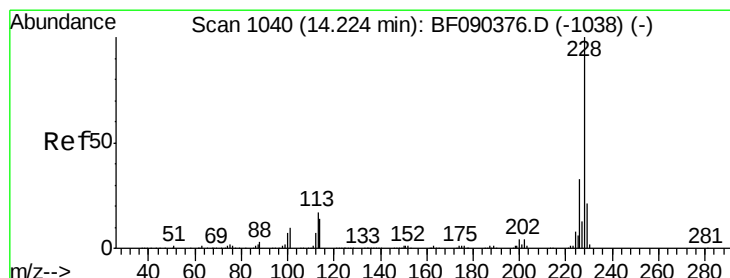
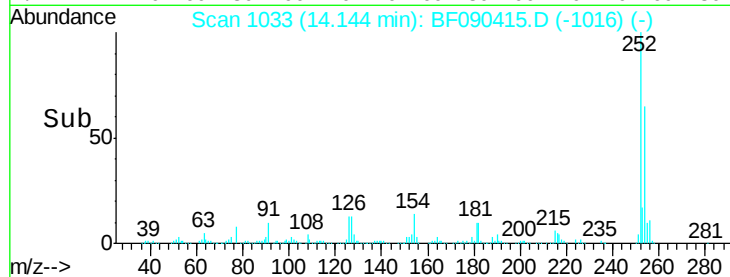
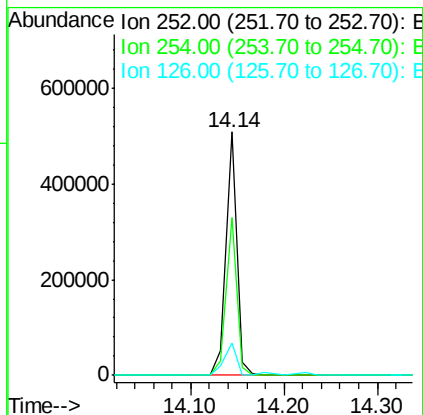
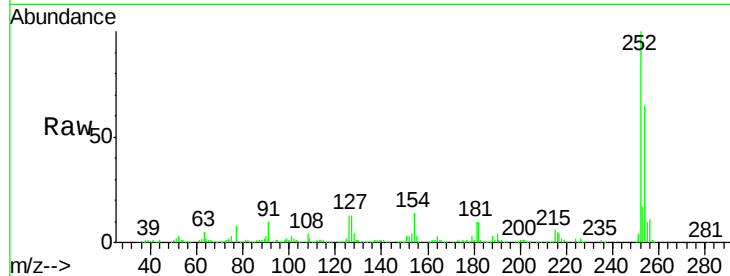




#81
 3,3'-Dichlorobenzidine
 Concen: 28.48 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

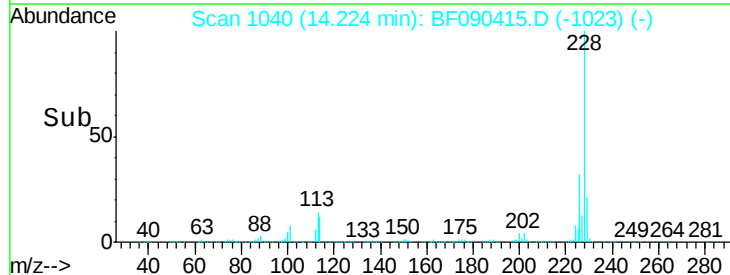
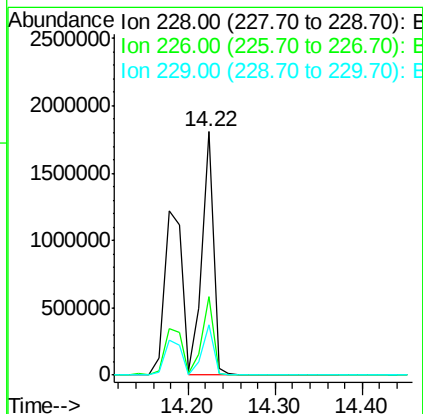
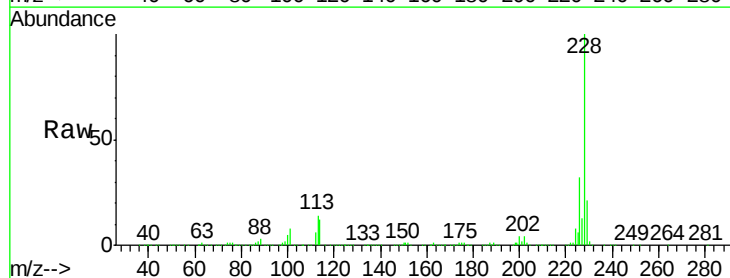
Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

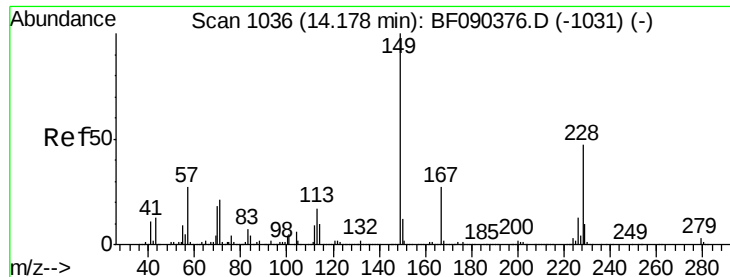
Tgt Ion:252 Resp: 409612
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.1 78.1
 126 13.2 4.2 6.4#



#82
 Chrysene
 Concen: 44.58 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:228 Resp: 1627739
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.8 38.6
 229 20.8 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.86 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampled :

PB93730BS

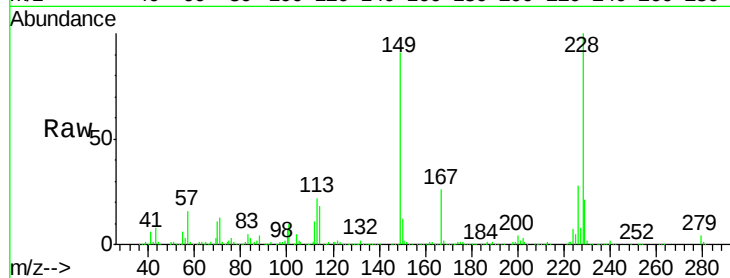
Tgt Ion:149 Resp: 1439317

Ion Ratio Lower Upper

149 100

167 28.4 21.5 32.3

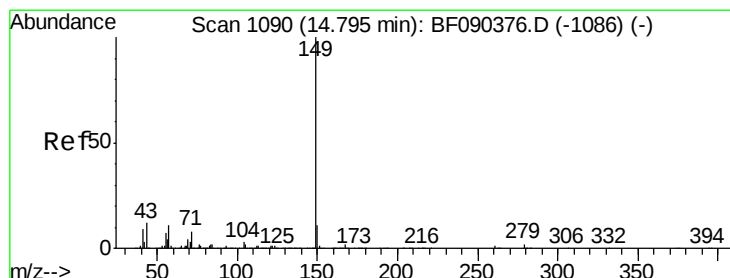
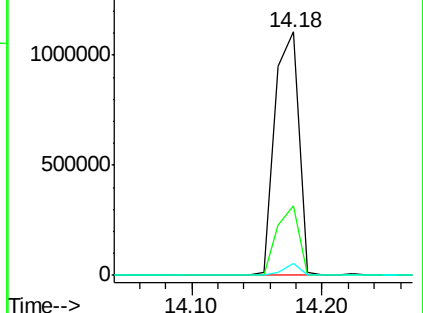
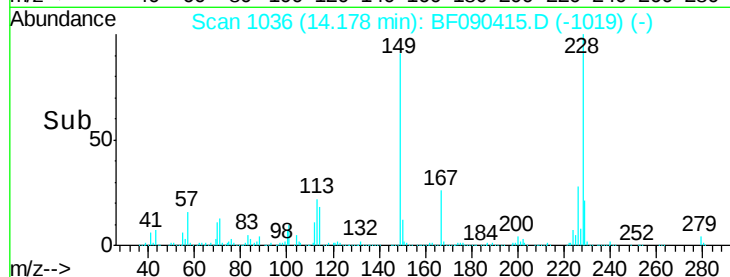
279 4.8 2.6 3.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.84 ng

RT: 14.80 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

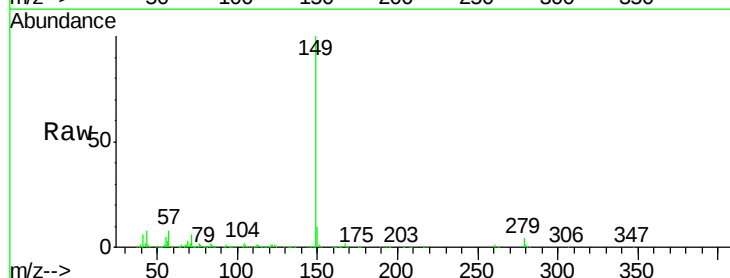
Tgt Ion:149 Resp: 2183851

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

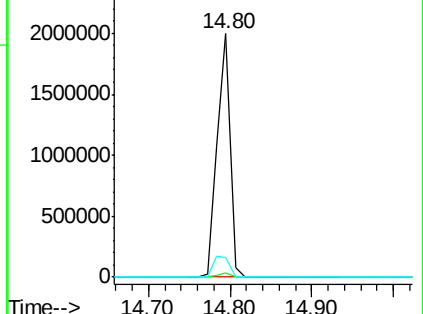
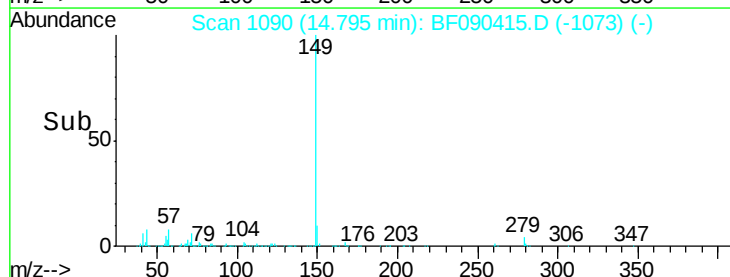
43 11.0 11.8 17.8#

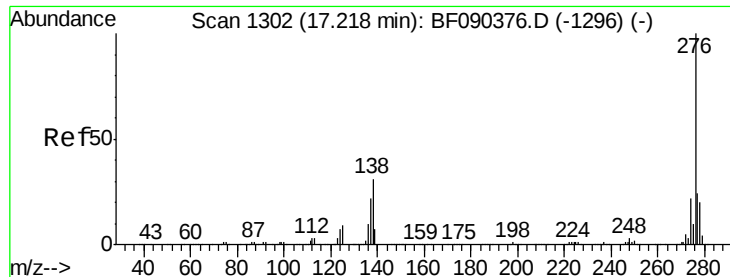


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



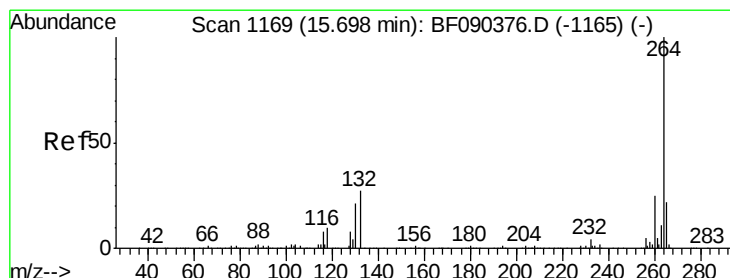
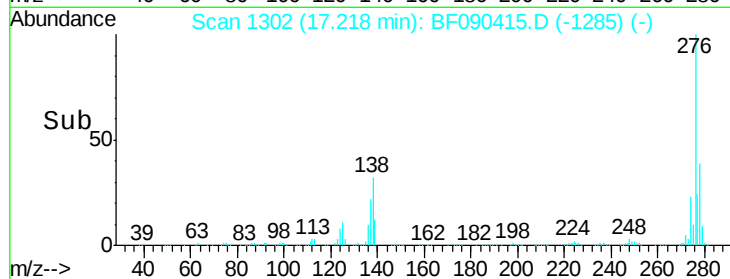
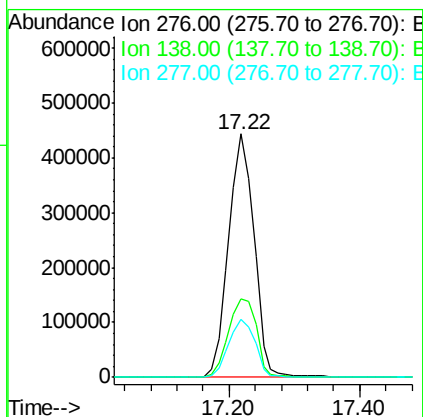
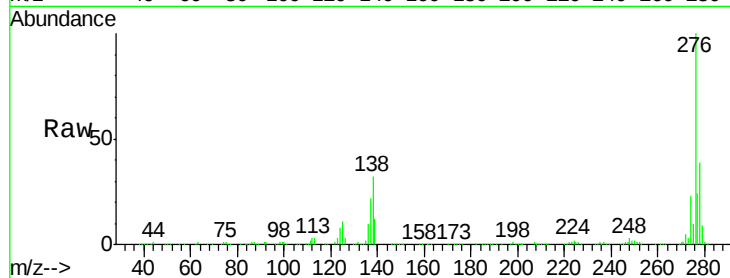


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.21 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tgt Ion: 276 Resp: 1202886

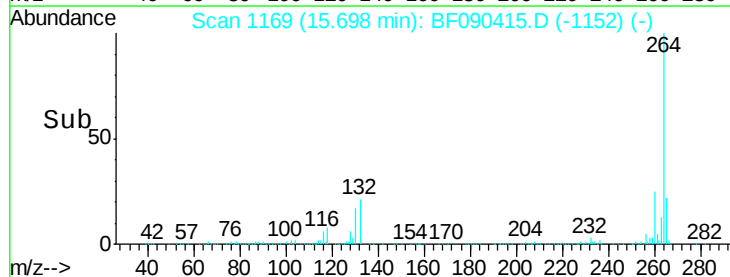
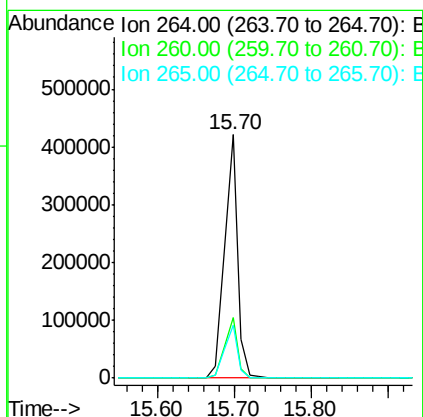
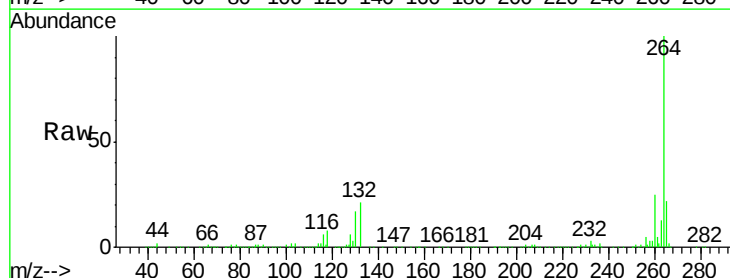
Ion	Ratio	Lower	Upper
276	100		
138	35.9	23.8	35.8#
277	25.0	20.4	30.6

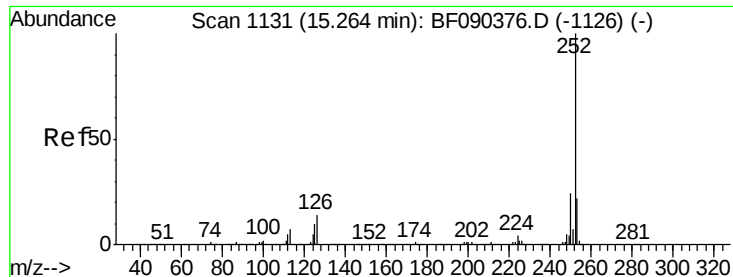


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion: 264 Resp: 510860

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 46.50 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

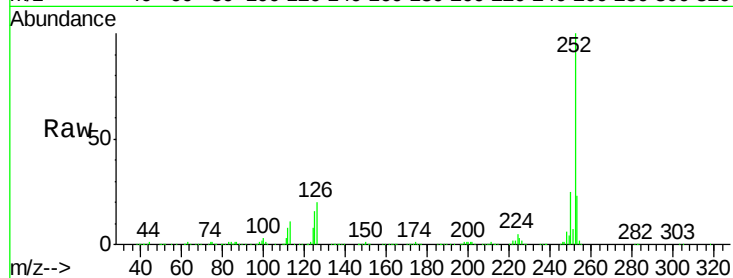
Tgt Ion:252 Resp: 1513107

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

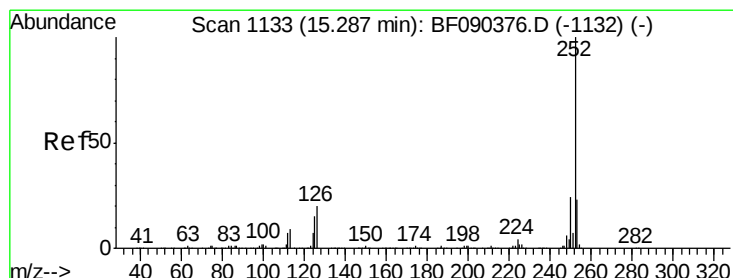
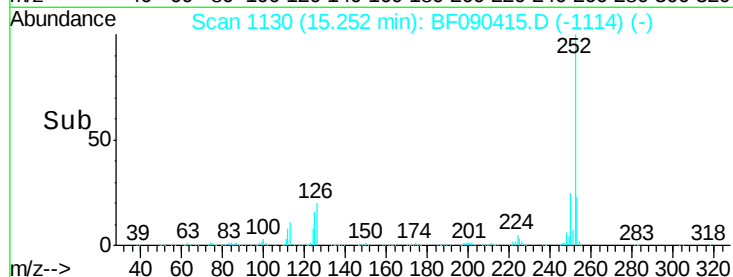
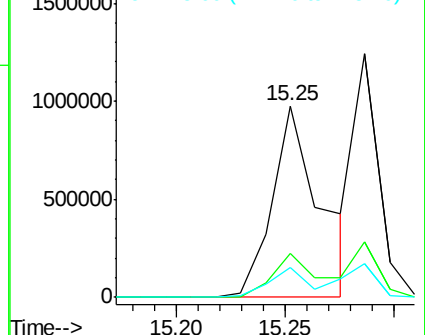
125 15.7 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.50 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

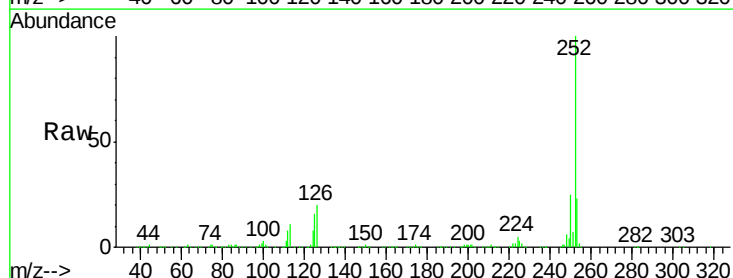
Tgt Ion:252 Resp: 1513107

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

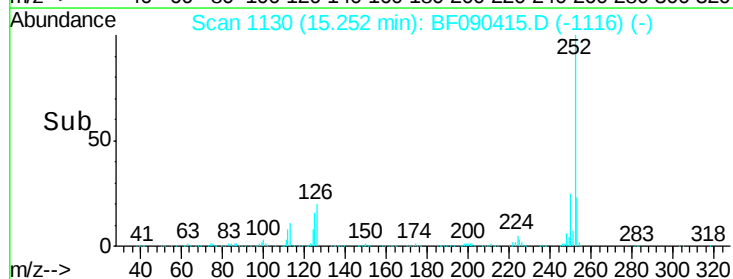
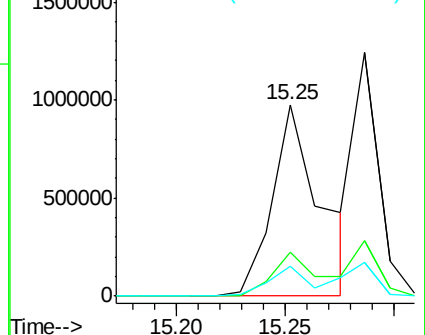
125 15.7 11.7 17.5

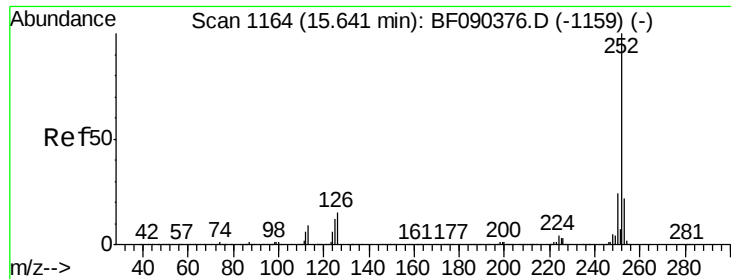


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.70 ng

RT: 15.63 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

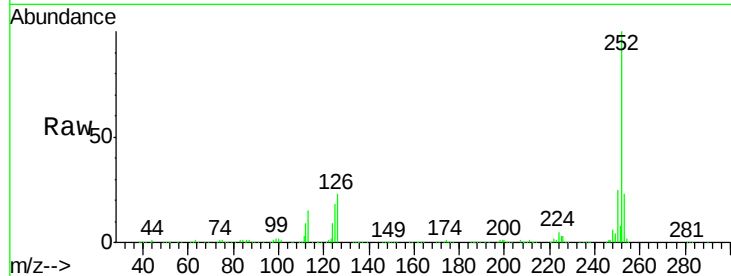
Tgt Ion:252 Resp: 1169537

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

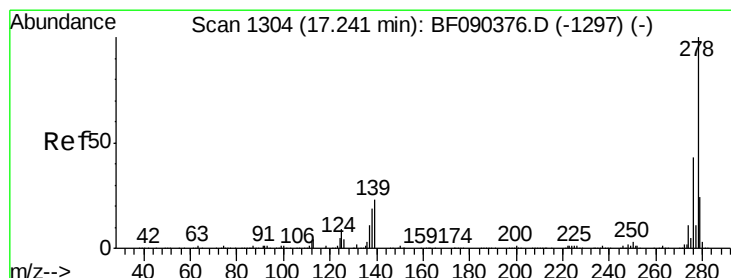
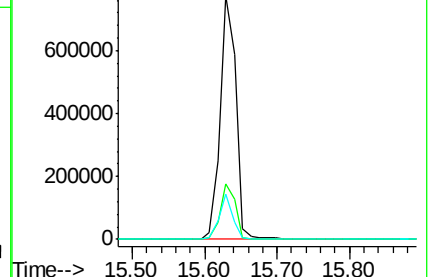
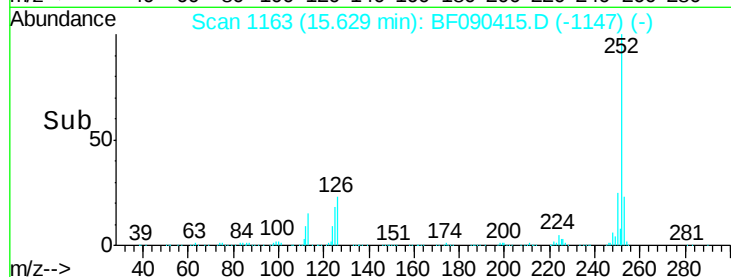
125 18.4 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.59 ng

RT: 17.24 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

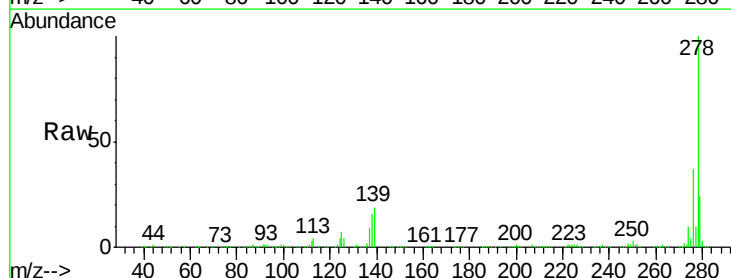
Tgt Ion:278 Resp: 1040032

Ion Ratio Lower Upper

278 100

139 19.4 12.8 19.2#

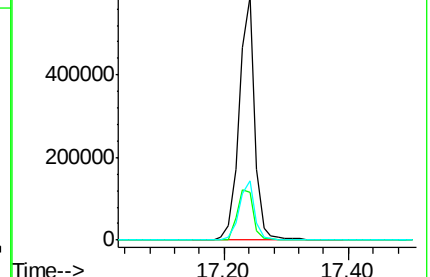
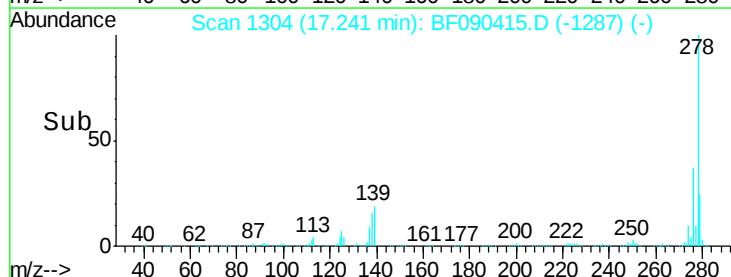
279 24.2 19.6 29.4

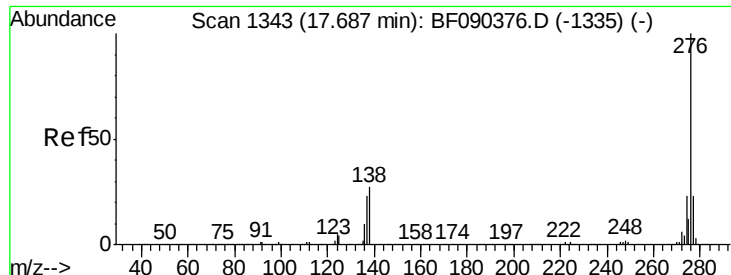


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.98 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

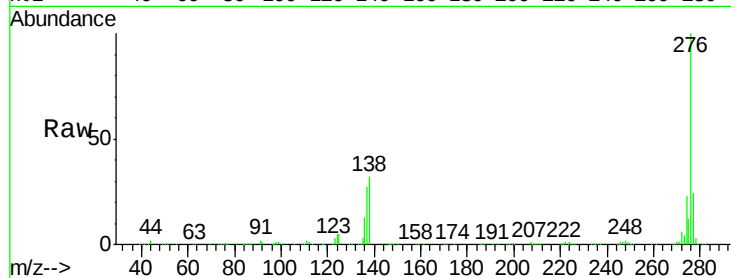
Tgt Ion: 276 Resp: 961401

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 32.0 20.8 31.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

