

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092316.D
 Acq On : 17 Jan 2017 7:56
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 09:56:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	196360	20.00	ng	-0.08
21) Naphthalene-d8	7.86	136	802255	20.00	ng	-0.08
38) Acenaphthene-d10	9.59	164	407270	20.00	ng	-0.09
63) Phenanthrene-d10	11.08	188	735990	20.00	ng	-0.08
75) Chrysene-d12	13.70	240	397122	20.00	ng	-0.09
86) Perylene-d12	15.06	264	517843	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	956063	81.30	ng	-0.09
7) Phenol-d6	6.23	99	1065991	74.24	ng	-0.08
23) Nitrobenzene-d5	7.15	82	1076171	74.59	ng	-0.07
41) 2,4,6-Tribromophenol	10.39	330	249921	74.15	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	1535044	75.84	ng	-0.08
78) Terphenyl-d14	12.66	244	1368879	83.60	ng	-0.09

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.95	88	247051	42.67	ng	97
3) Pyridine	2.58	79	617221	30.55	ng	95
4) n-Nitrosodimethylamine	2.53	42	264490	34.70	ng	99
6) Aniline	6.22	93	641490	34.40	ng	# 48
8) 2-Chlorophenol	6.36	128	513877	38.42	ng	88
9) Benzaldehyde	6.11	77	328239	40.09	ng	98
10) Phenol	6.24	94	668959	40.89	ng	# 74
11) bis(2-Chloroethyl)ether	6.31	93	529305	40.66	ng	96
12) 1,3-Dichlorobenzene	6.50	146	536513	37.57	ng	# 89
13) 1,4-Dichlorobenzene	6.58	146	536340	36.90	ng	98
14) 1,2-Dichlorobenzene	6.74	146	506458	40.16	ng	98
15) Benzyl Alcohol	6.72	79	403068	36.13	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	773339	39.89	ng	56
17) 2-Methylphenol	6.85	107	396220	36.83	ng	# 85
18) Hexachloroethane	7.07	117	202267	37.54	ng	# 84
19) n-Nitroso-di-n-propylamine	7.00	70	370675	38.81	ng	97
20) 3+4-Methylphenols	7.01	107	563822	43.94	ng	# 70
22) Acetophenone	6.99	105	733872	37.09	ng	# 94
24) Nitrobenzene	7.16	77	548990	35.73	ng	98
25) Isophorone	7.40	82	969802	36.43	ng	# 93
26) 2-Nitrophenol	7.48	139	293915	38.79	ng	89
27) 2,4-Dimethylphenol	7.54	122	441653	35.14	ng	99
28) bis(2-Chloroethoxy)methane	7.62	93	558823	34.62	ng	97
29) 2,4-Dichlorophenol	7.73	162	427222	40.14	ng	91
30) 1,2,4-Trichlorobenzene	7.80	180	429955	36.87	ng	96
31) Naphthalene	7.88	128	1472051	40.09	ng	99
32) Benzoic acid	7.70	122	240761	25.83	ng	98
33) 4-Chloroaniline	7.94	127	567693	34.29	ng	99
34) Hexachlorobutadiene	7.99	225	228106	37.05	ng	99
35) Caprolactam	8.32	113	132716	37.95	ng	# 85
36) 4-Chloro-3-methylphenol	8.44	107	456522	37.28	ng	99
37) 2-Methylnaphthalene	8.56	142	899409	38.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	416587	40.49	ng	99
40) Hexachlorocyclopentadiene	8.71	237	114029	27.62	ng	95

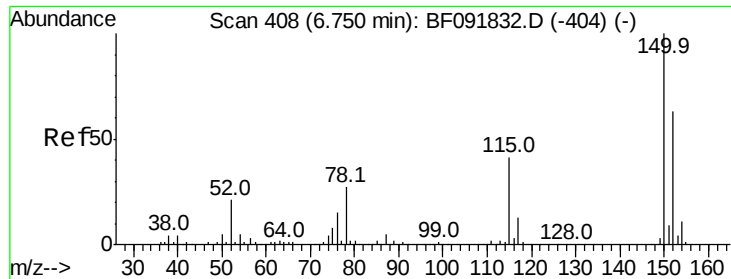
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092316.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	251859	35.00	nq	99
43) 2,4,5-Trichlorophenol	8.91	196	254482	34.36	nq	# 89
45) 1,1'-Biphenyl	9.03	154	1196619	42.91	nq	99
46) 2-Chloronaphthalene	9.06	162	861525	39.01	nq	96
47) 2-Nitroaniline	9.16	65	284716	36.21	nq	98
48) Acenaphthylene	9.46	152	1243206	36.60	nq	98
49) Dimethylphthalate	9.34	163	964865	37.04	nq	99
50) 2,6-Dinitrotoluene	9.41	165	214787	37.67	nq	# 72
51) Acenaphthene	9.63	154	813759	35.34	nq	99
52) 3-Nitroaniline	9.57	138	238483	33.80	nq	99
53) 2,4-Dinitrophenol	9.70	184	84748	26.71	nq	# 87
54) Dibenzofuran	9.80	168	1060965	34.12	nq	98
55) 4-Nitrophenol	9.80	139	535752	111.83	nq	# 9
56) 2,4-Dinitrotoluene	9.81	165	278551	38.93	nq	97
57) Fluorene	10.14	166	800171	35.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	209704	35.80	nq	94
59) Diethylphthalate	10.04	149	1038054	41.03	nq	97
60) 4-Chlorophenyl-phenylether	10.14	204	387145	39.08	nq	93
61) 4-Nitroaniline	10.19	138	276549	37.82	nq	88
62) Azobenzene	10.30	77	1134129	40.72	nq	94
64) 4,6-Dinitro-2-methylphenol	10.22	198	142635	32.05	nq	88
65) n-Nitrosodiphenylamine	10.27	169	822319	37.65	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	265174	34.64	nq	# 73
67) Hexachlorobenzene	10.69	284	275733	33.69	nq	# 90
68) Atrazine	10.79	200	233574	33.16	nq	97
69) Pentachlorophenol	10.90	266	123079	30.65	nq	98
70) Phenanthrene	11.10	178	1506646	37.75	nq	98
71) Anthracene	11.15	178	1376436	36.50	nq	98
72) Carbazole	11.31	167	1308876	36.85	nq	98
73) Di-n-butylphthalate	11.65	149	1625481	42.78	nq	99
74) Fluoranthene	12.28	202	1257239	35.06	nq	98
76) Benzidine	12.42	184	103103	6.84	nq	96
77) Pyrene	12.51	202	1282195	44.01	nq	99
79) Butylbenzylphthalate	13.14	149	571342	43.11	nq	95
80) Benzo(a)anthracene	13.69	228	943480	42.09	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	352931	41.52	nq	# 96
82) Chrysene	13.73	228	1002412	44.58	nq	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	728729	46.69	nq	# 93
84) Di-n-octyl phthalate	14.31	149	1224954	42.37	nq	99
85) Indeno(1,2,3-cd)pyrene	16.29	276	1244911	63.91	nq	98
87) Benzo(b)fluoranthene	14.69	252	1995358	61.89	nq	99
88) Benzo(k)fluoranthene	14.69	252	1995358	72.58	nq	98
89) Benzo(a)pyrene	15.00	252	1021104	35.68	nq	98
90) Dibenzo(a,h)anthracene	16.29	278	1053501	44.79	nq	97
91) Benzo(g,h,i)perylene	16.65	276	1118452	45.73	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampled :

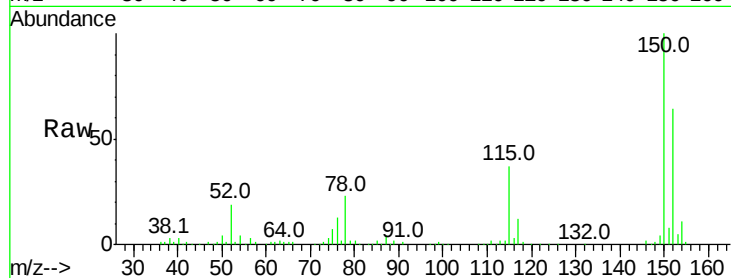
Tot Ion:152 Resp: 196360

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

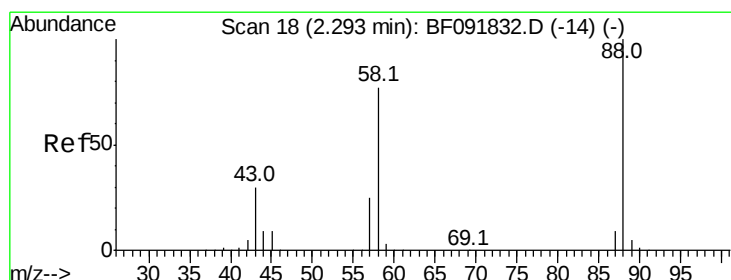
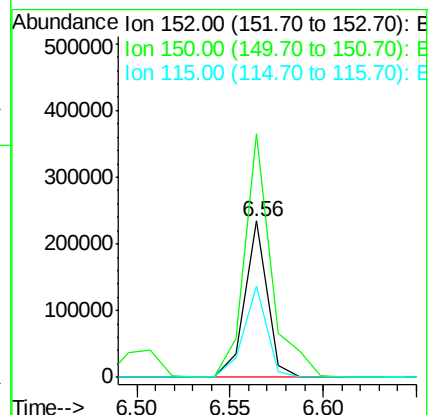
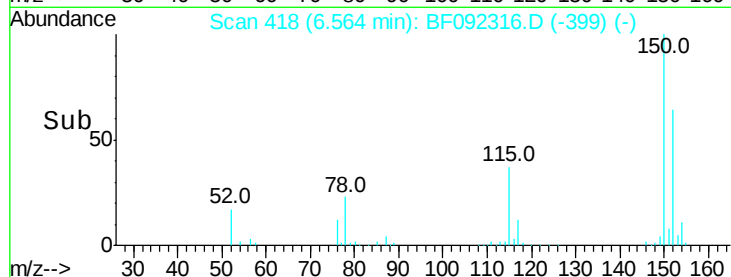
115 58.4 46.0 69.0



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: 42.67 ng

RT: 1.95 min Scan# 14

Delta R.T. -0.13 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

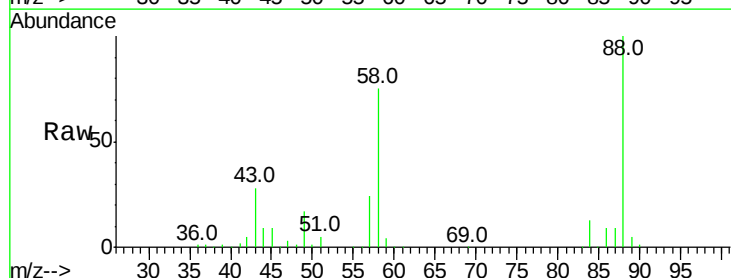
Tgt Ion: 88 Resp: 247051

Ion Ratio Lower Upper

88 100

58 70.5 57.8 86.8

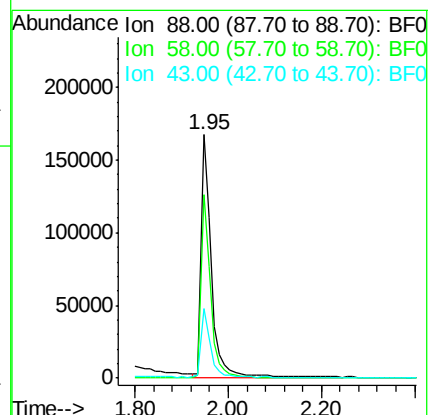
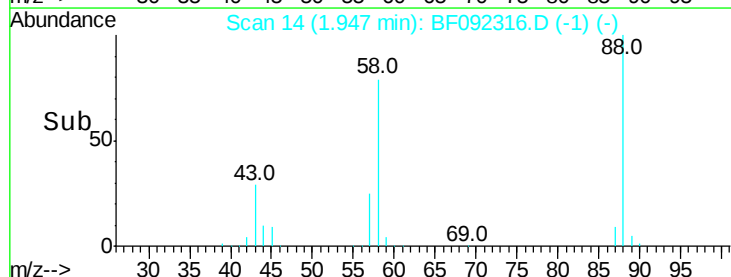
43 25.8 22.3 33.5

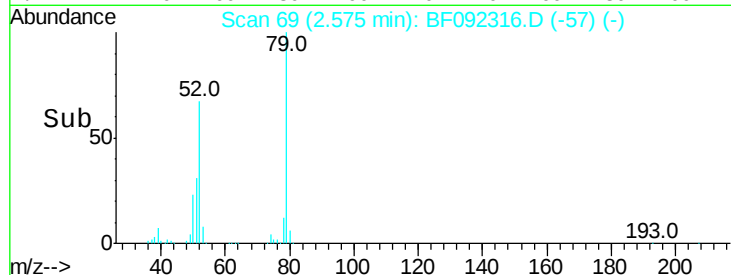
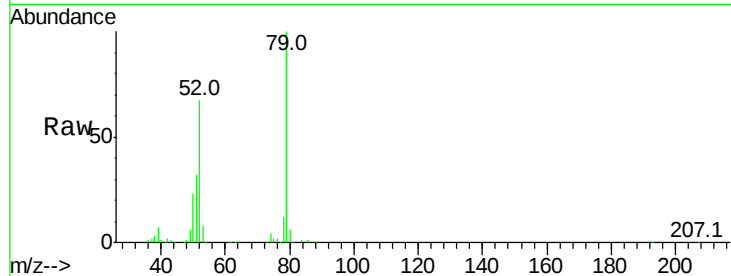
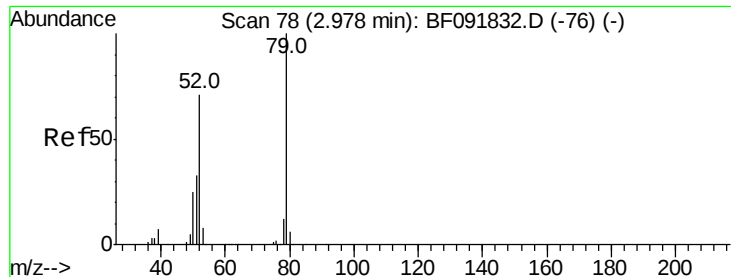


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

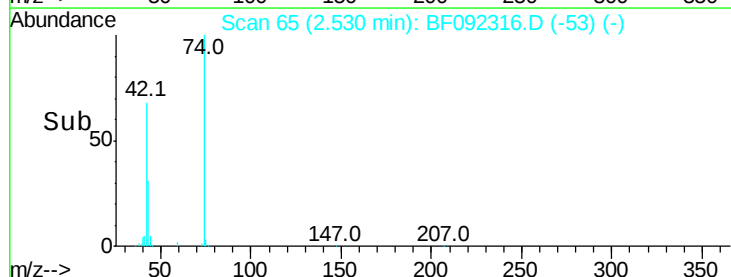
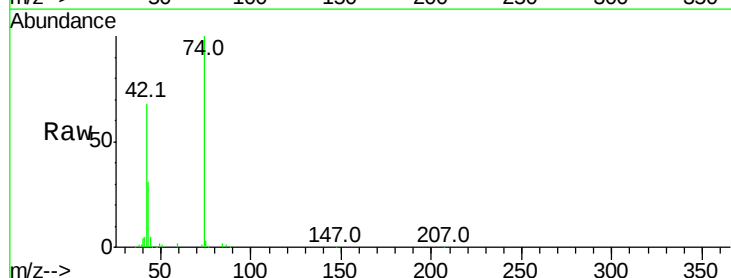
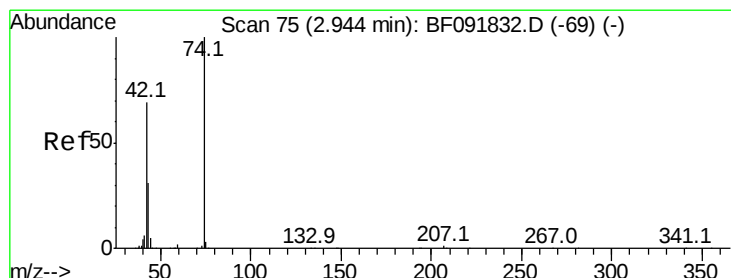
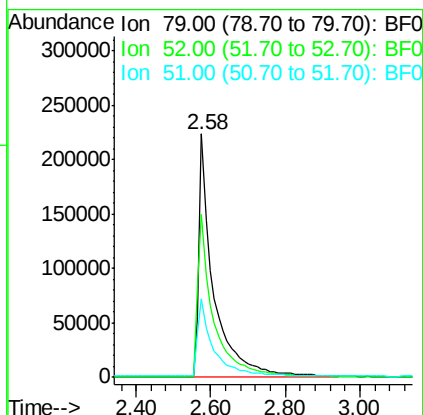




#3
Pvridine
Concen: 30.55 ng
RT: 2.58 min Scan# 69
Delta R.T. -0.16 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

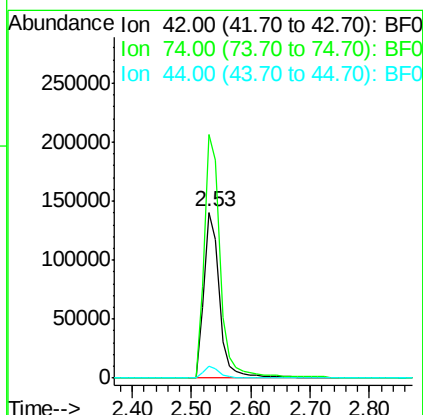
Instrument :
BNA_F
ClientSampleId :

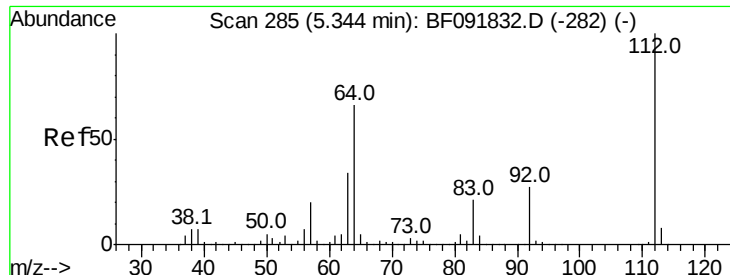
Tot Ion: 79 Resp: 617221
Ion Ratio Lower Upper
79 100
52 67.0 57.1 85.7
51 32.0 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 34.70 ng
RT: 2.53 min Scan# 65
Delta R.T. -0.16 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion: 42 Resp: 264490
Ion Ratio Lower Upper
42 100
74 146.8 117.0 175.4
44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 81.30 ng

RT: 5.15 min Scan# 294

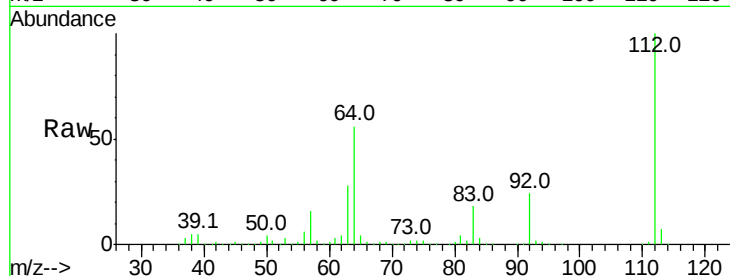
Delta R.T. -0.09 min

Lab File: BF092316.D

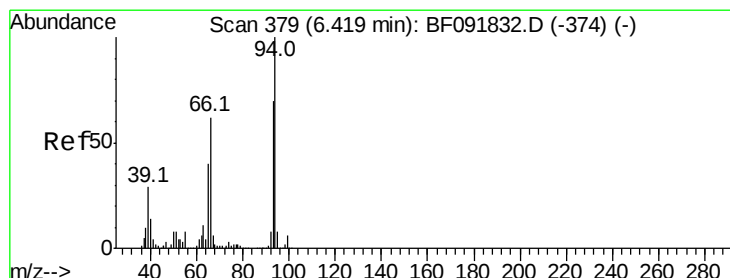
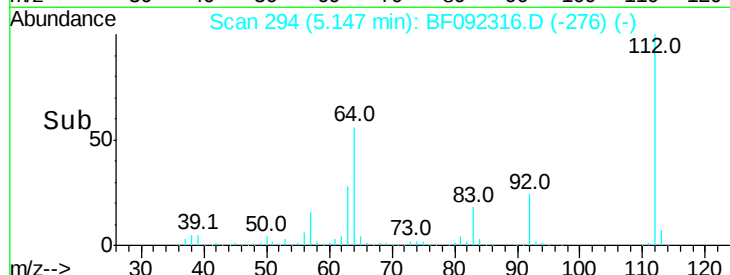
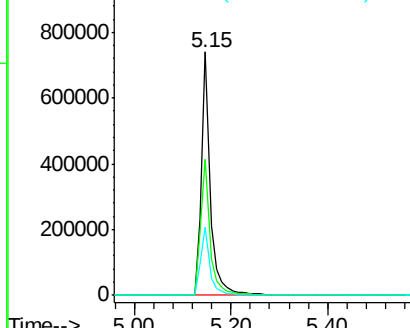
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	956063
Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.1	69.1
63	27.9	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.40 ng

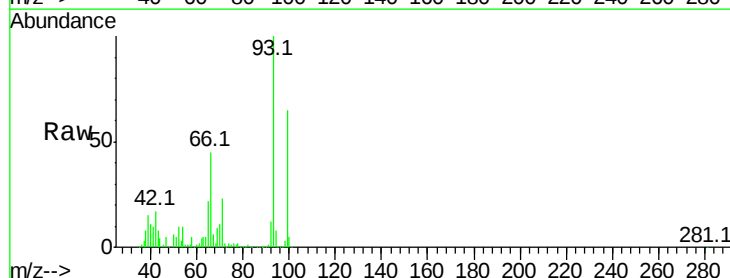
RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

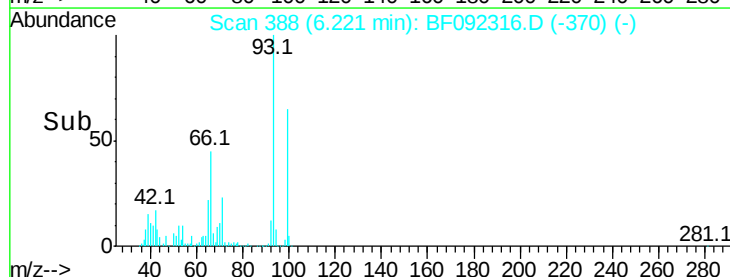
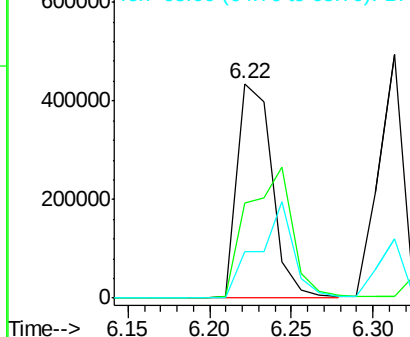
Lab File: BF092316.D

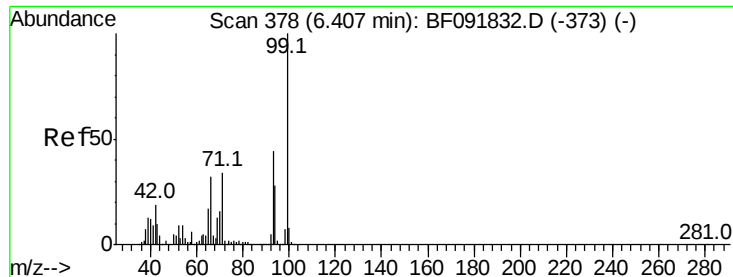
Acq: 17 Jan 2017 7:56

Tgt Ion:	93	Resp:	641490
Ion	Ratio	Lower	Upper
93	100		
66	44.6	76.2	114.2#
65	21.5	49.3	73.9#



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: 74.24 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

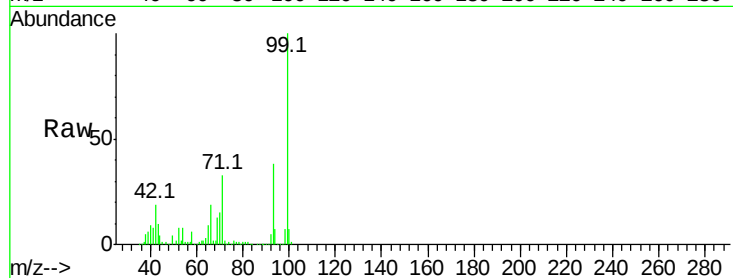
Tot Ion: 99 Resp: 1065991

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

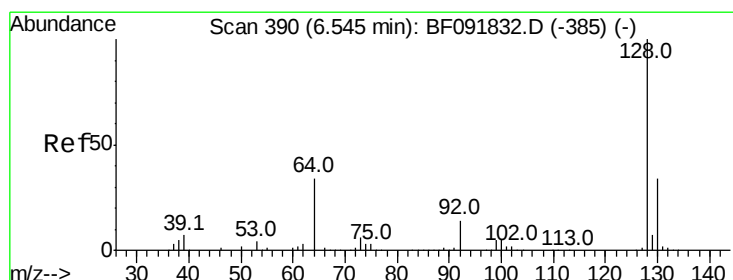
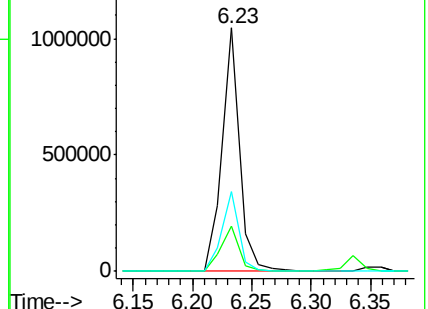
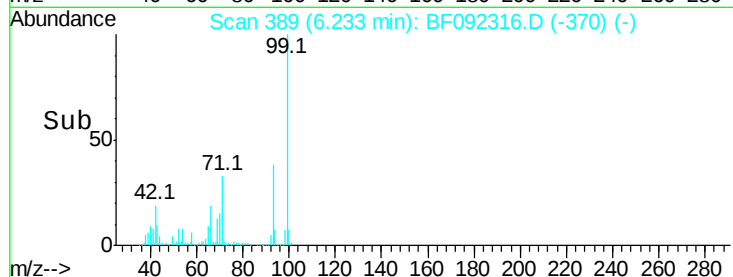
71 32.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.42 ng

RT: 6.36 min Scan# 400

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

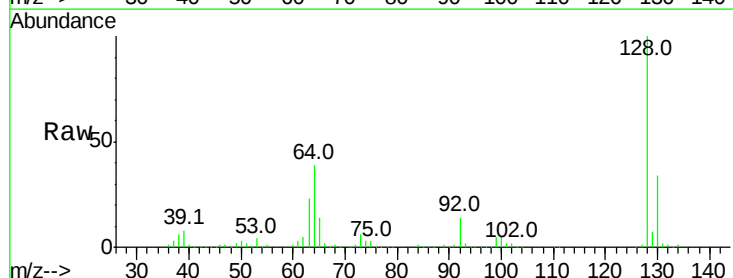
Tgt Ion: 128 Resp: 513877

Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

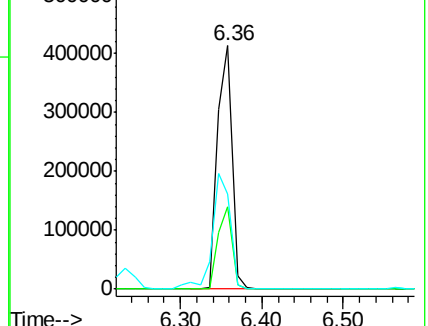
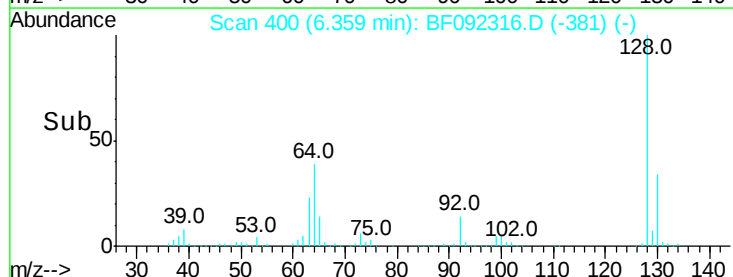
64 39.3 32.2 72.2

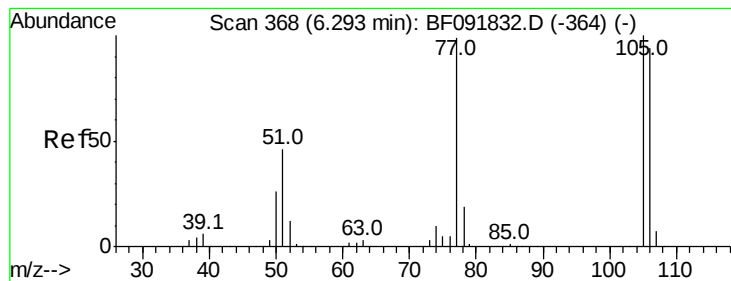


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.09 ng

RT: 6.11 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampled :

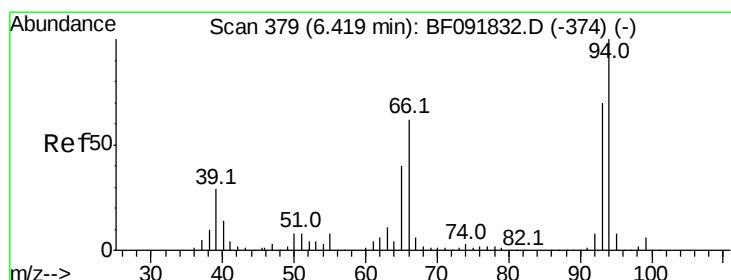
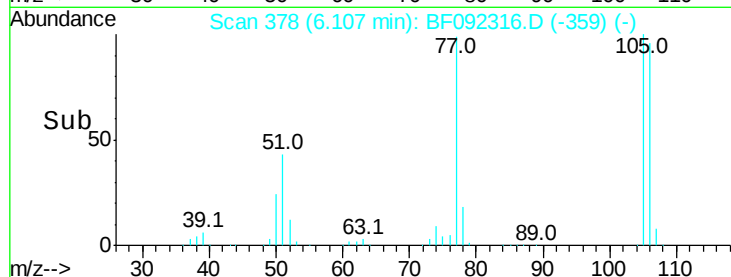
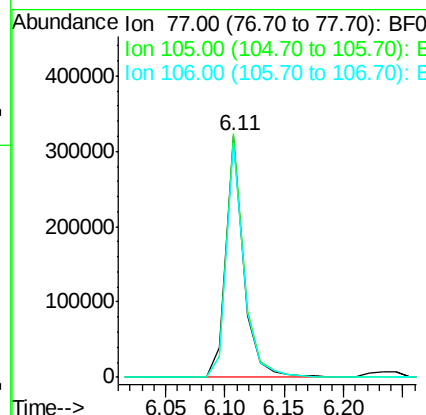
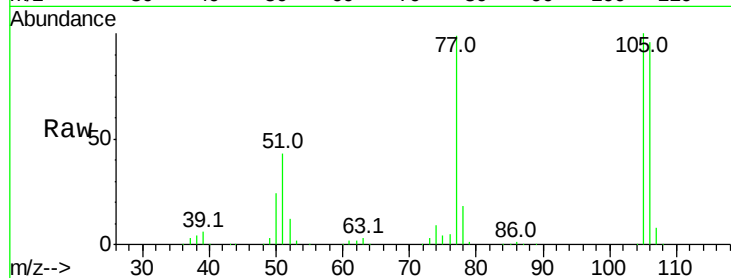
Tot Ion: 77 Resp: 328239

Ion Ratio Lower Upper

77 100

105 100.7 83.9 123.9

106 96.9 77.6 117.6



#10

Phenol

Concen: 40.89 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

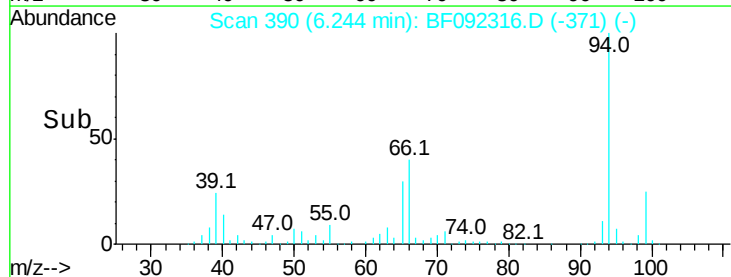
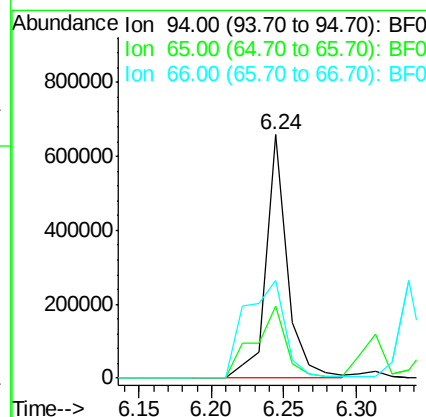
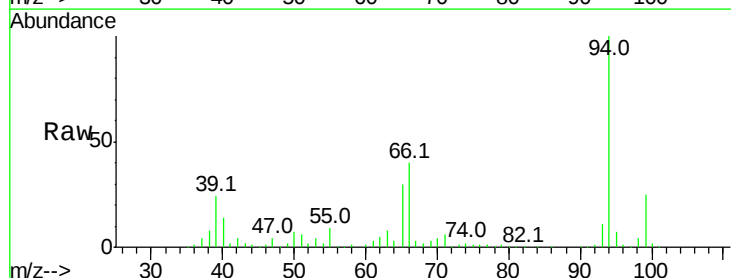
Tgt Ion: 94 Resp: 668959

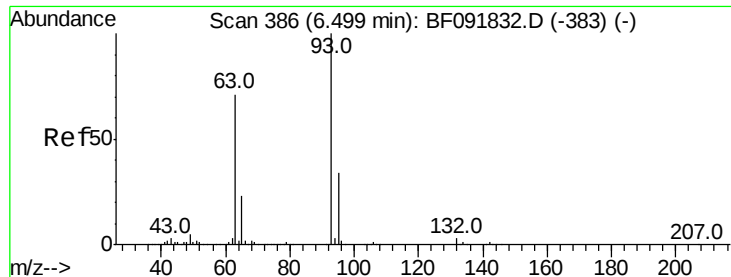
Ion Ratio Lower Upper

94 100

65 29.9 21.4 61.4

66 40.2 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 40.66 ng

RT: 6.31 min Scan# 396

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

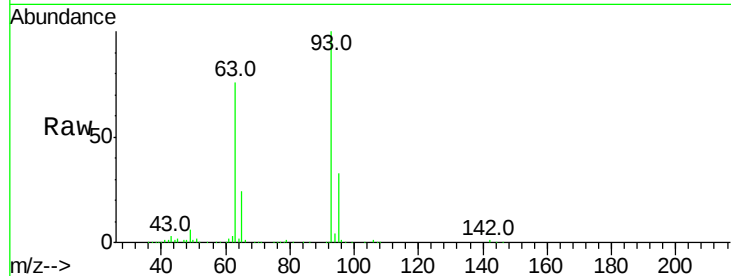
Tot Ion: 93 Resp: 529305

Ion Ratio Lower Upper

93 100

63 75.9 60.4 100.4

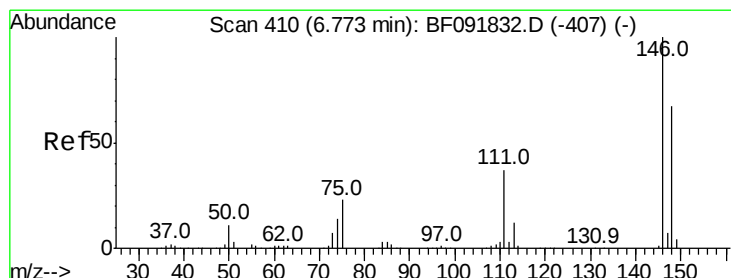
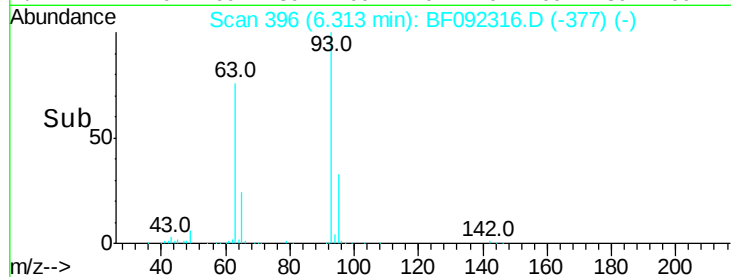
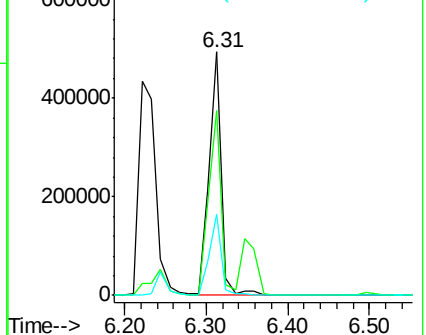
95 33.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.57 ng

RT: 6.50 min Scan# 412

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

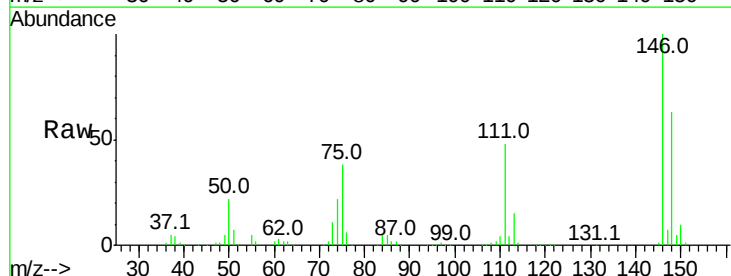
Tgt Ion: 146 Resp: 536513

Ion Ratio Lower Upper

146 100

148 63.3 53.4 80.0

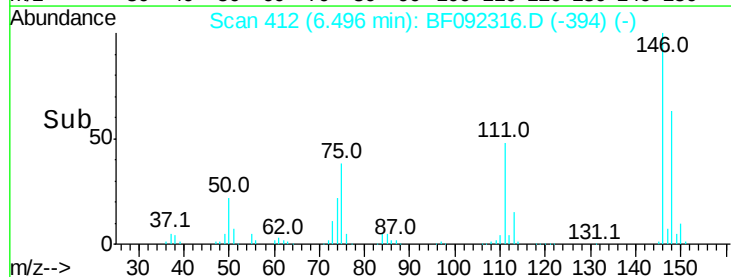
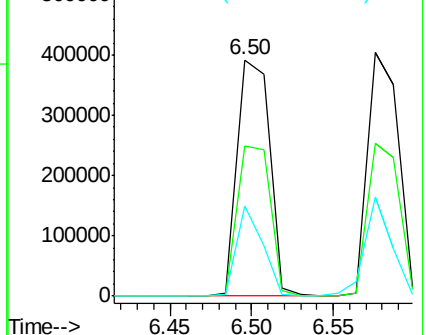
75 38.1 18.5 27.7#

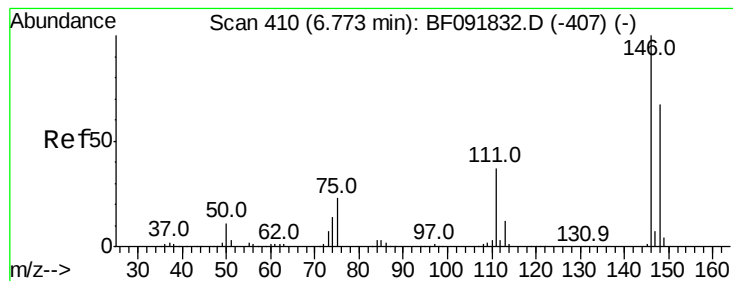


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 36.90 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

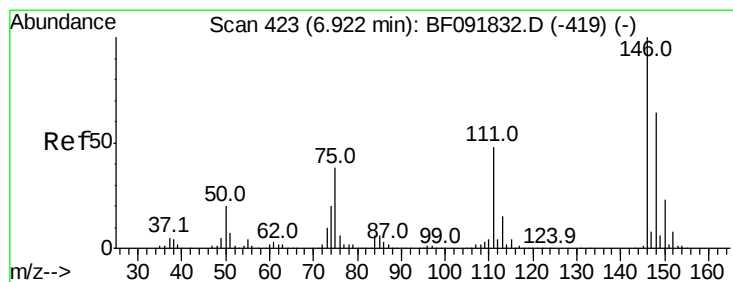
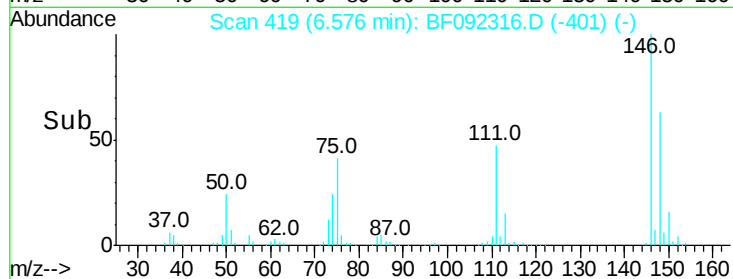
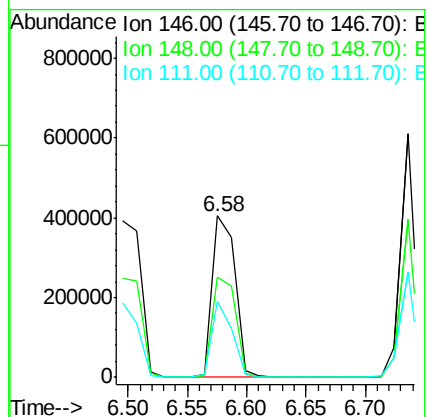
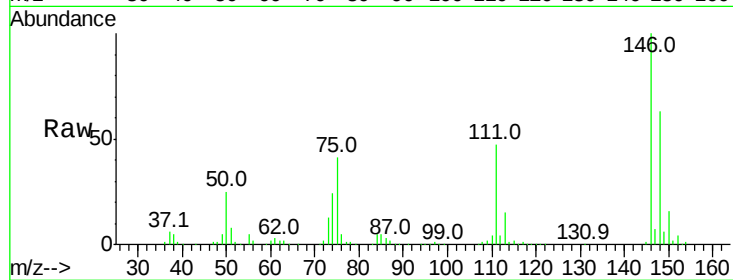
Tot Ion:146 Resp: 536340

Ion Ratio Lower Upper

146 100

148 62.6 50.6 76.0

111 47.3 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 40.16 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

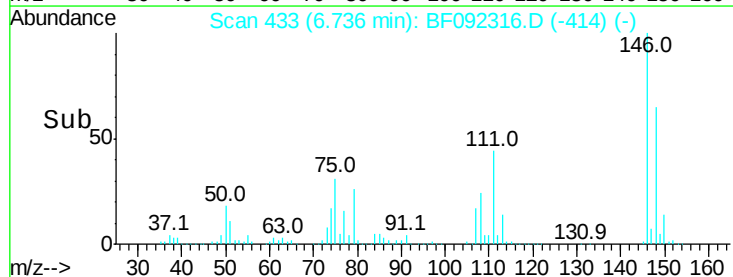
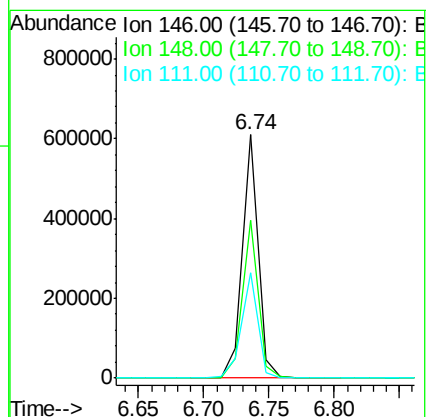
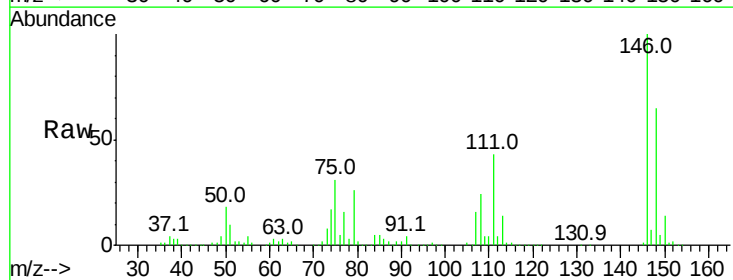
Tgt Ion:146 Resp: 506458

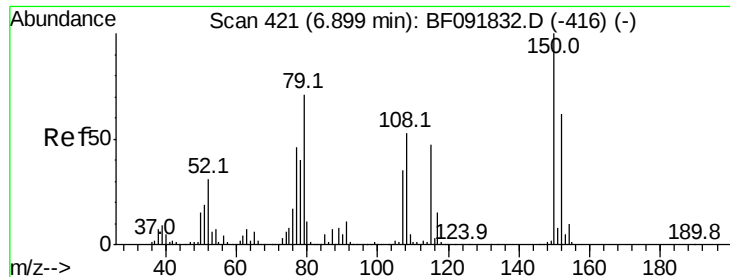
Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

111 43.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 36.13 ng

RT: 6.72 min Scan# 432

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampled :

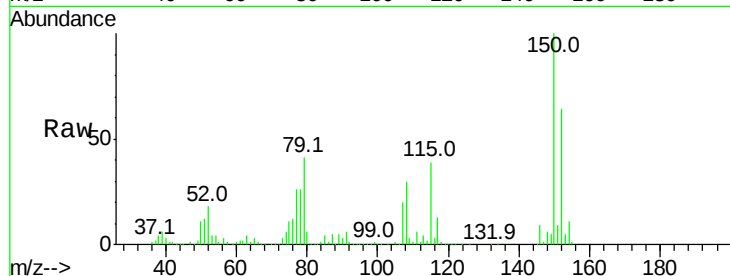
Tot Ion: 79 Resp: 403068

Ion Ratio Lower Upper

79 100

108 73.2 61.4 92.0

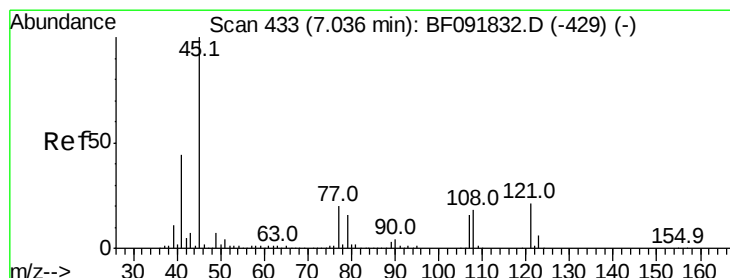
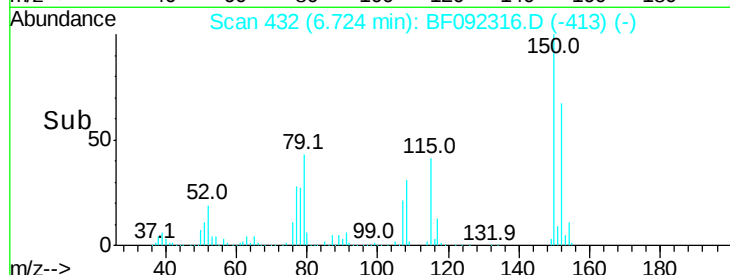
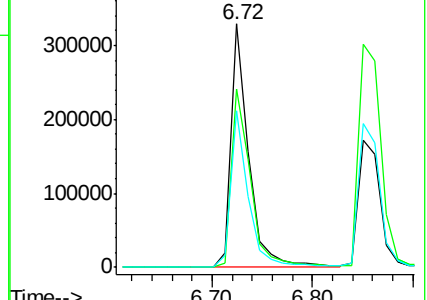
77 64.4 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.89 ng

RT: 6.86 min Scan# 444

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

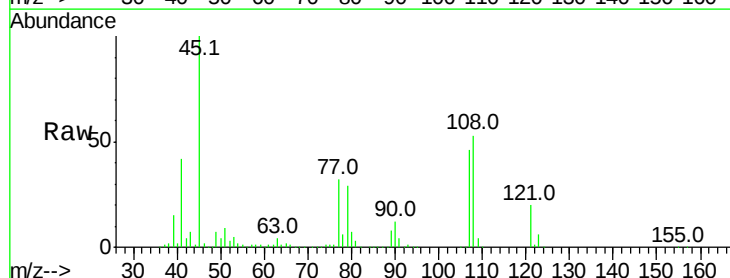
Tgt Ion: 45 Resp: 773339

Ion Ratio Lower Upper

45 100

77 32.1 0.0 34.6

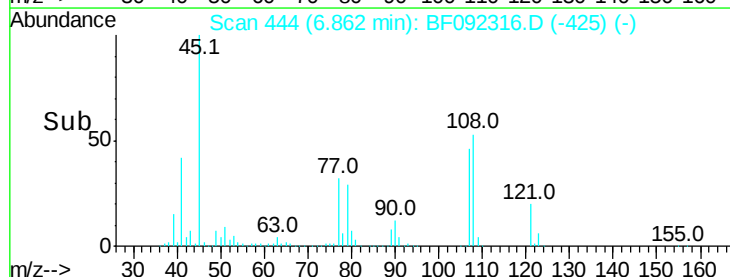
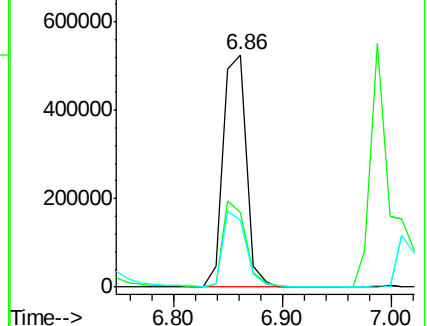
79 29.0 0.0 31.2

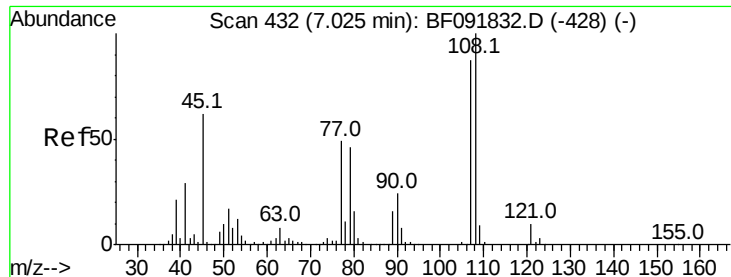


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.83 ng

RT: 6.85 min Scan# 443

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 396220

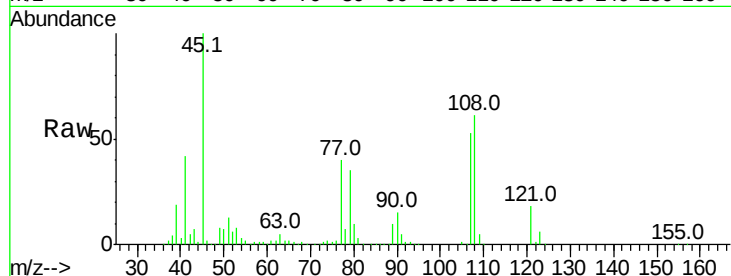
Ion Ratio Lower Upper

107 100

108 116.1 93.0 139.6

77 74.8 39.8 59.8#

79 65.9 38.0 57.0#

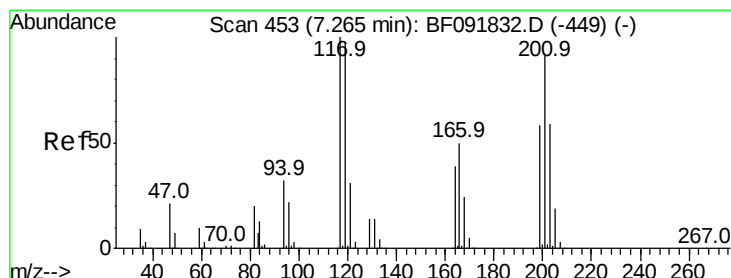
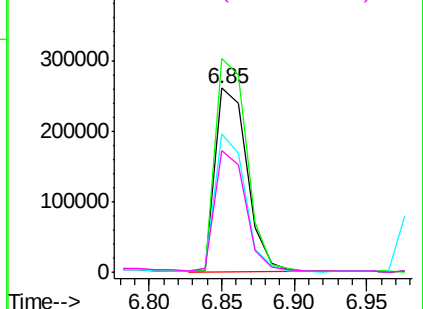
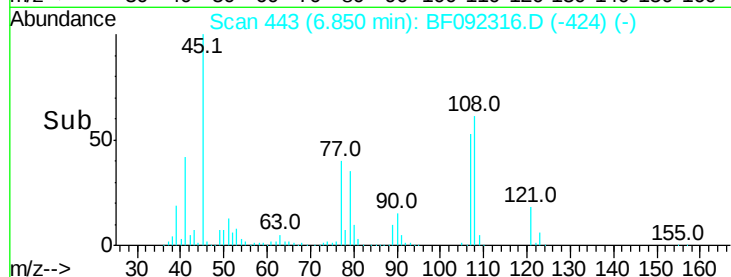


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.54 ng

RT: 7.07 min Scan# 462

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

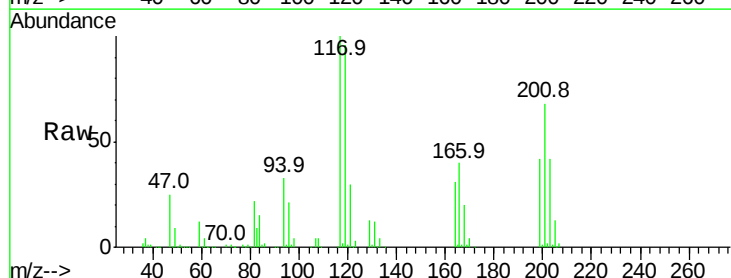
Tgt Ion:117 Resp: 202267

Ion Ratio Lower Upper

117 100

119 95.8 78.1 117.1

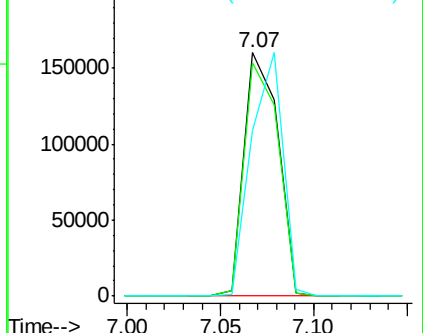
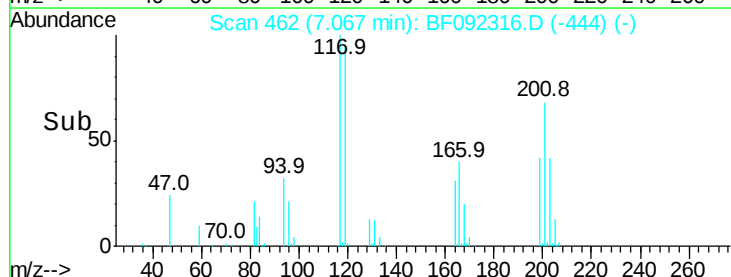
201 68.0 78.6 117.8#

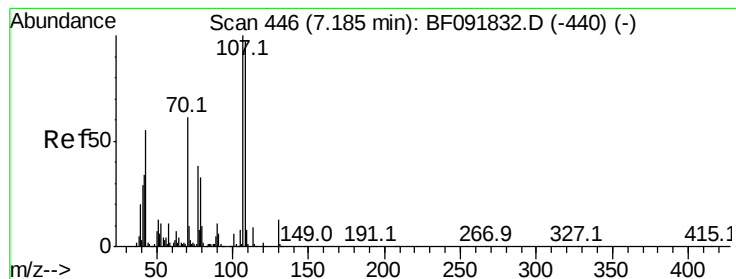


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.81 ng

RT: 7.00 min Scan# 456

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 370675

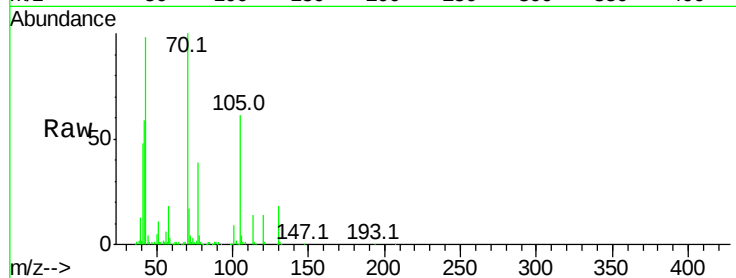
Ion Ratio Lower Upper

70 100

42 59.2 49.4 74.0

101 8.5 7.4 11.2

130 17.9 14.2 21.4

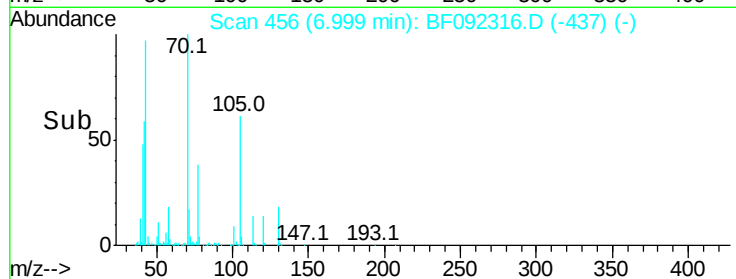
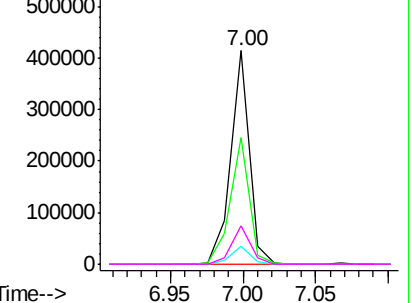


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 43.94 ng

RT: 7.01 min Scan# 457

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion: 107 Resp: 563822

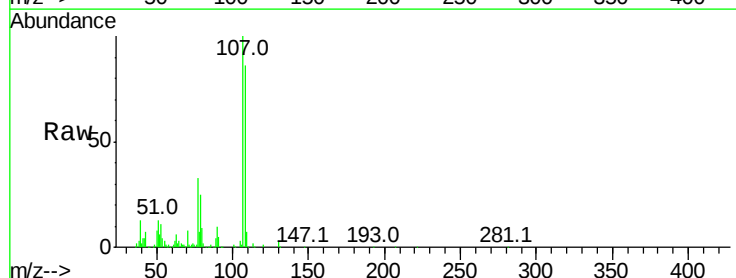
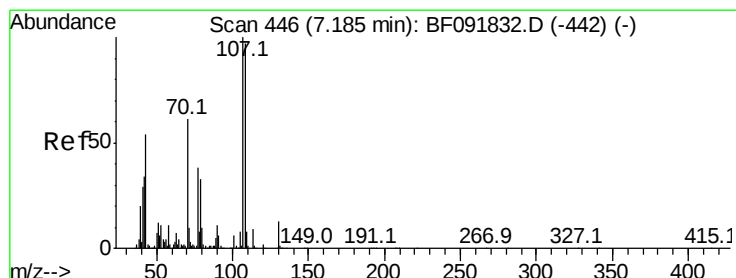
Ion Ratio Lower Upper

107 100

108 86.3 73.0 113.0

77 33.4 71.3 111.3#

79 25.4 11.1 51.1

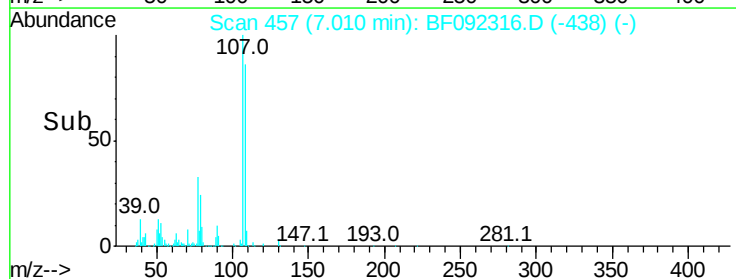
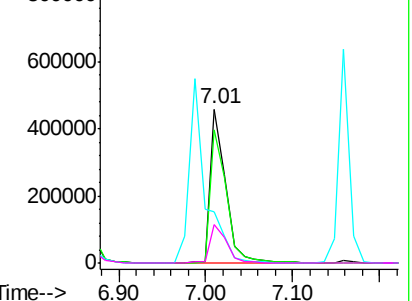


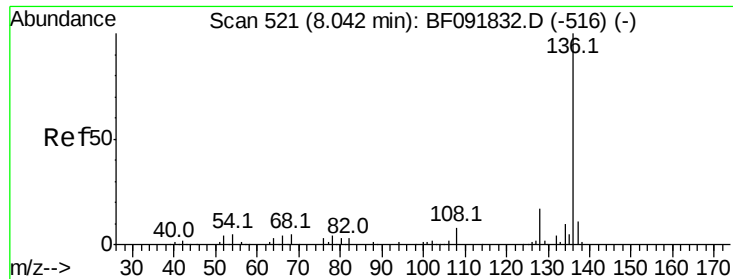
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

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: 7.86 min Scan# 531

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 802255

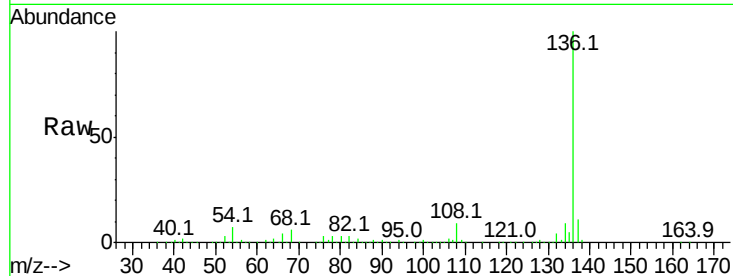
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 6.7 4.5 6.7

68 5.5 3.6 5.4#

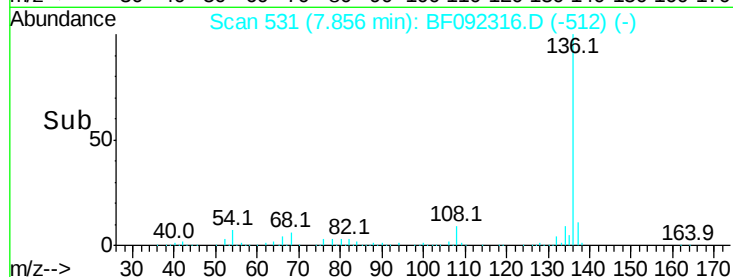


Abundance Ion 136.00 (135.70 to 136.70): E

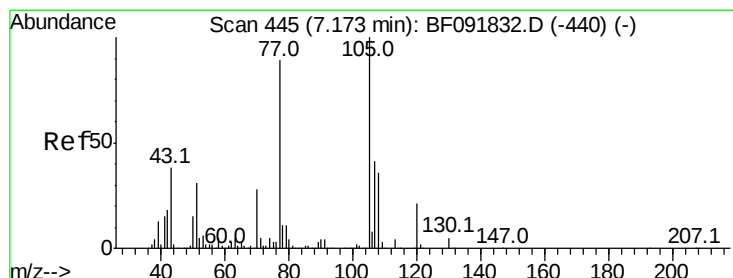
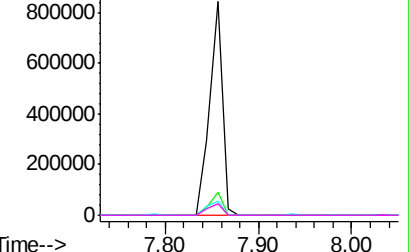
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.09 ng

RT: 6.99 min Scan# 455

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion:105 Resp: 733872

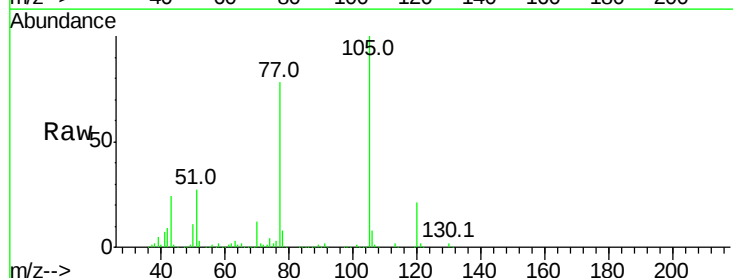
Ion Ratio Lower Upper

105 100

71 2.0 3.2 4.8#

51 26.9 26.2 39.4

120 20.6 16.6 24.8

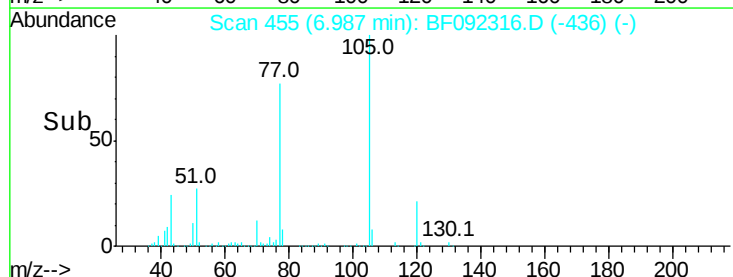


Abundance Ion 105.00 (104.70 to 105.70): E

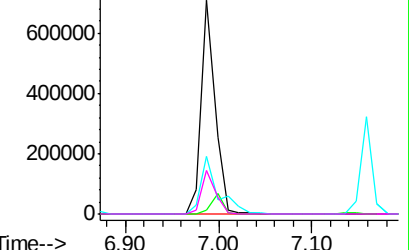
Ion 71.00 (70.70 to 71.70): BF0

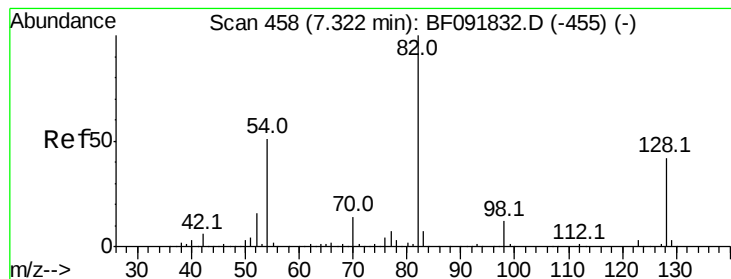
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 74.59 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.07 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

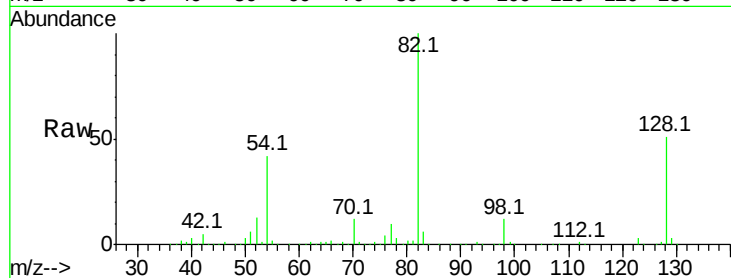
Tot Ion: 82 Resp: 1076171

Ion Ratio Lower Upper

82 100

128 50.9 34.6 52.0

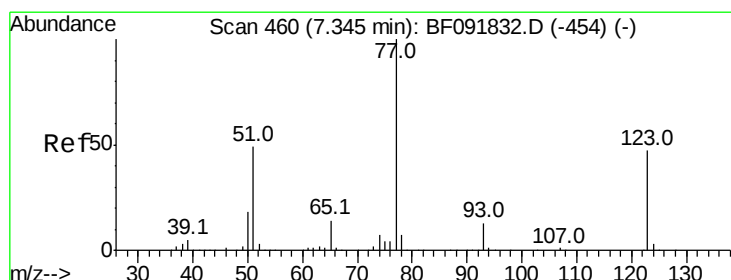
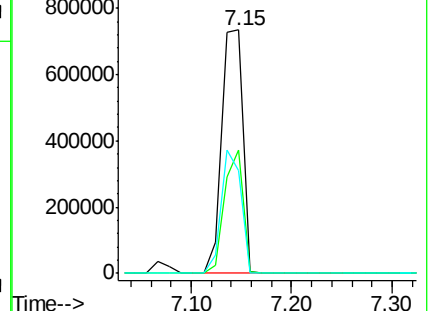
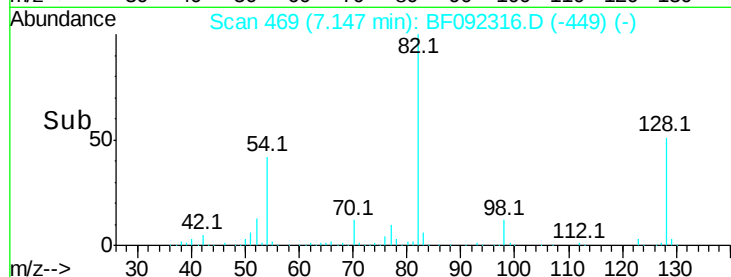
54 42.5 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.73 ng

RT: 7.16 min Scan# 470

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

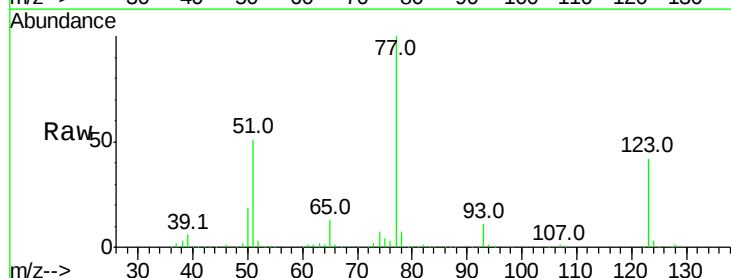
Tgt Ion: 77 Resp: 548990

Ion Ratio Lower Upper

77 100

123 42.1 33.0 49.4

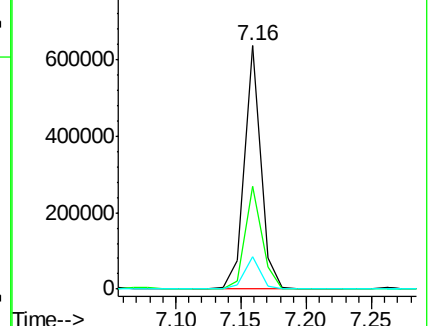
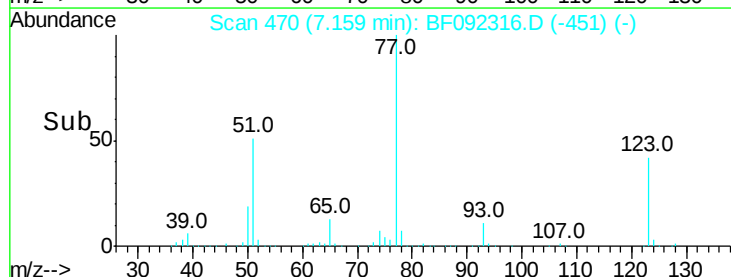
65 13.3 11.2 16.8

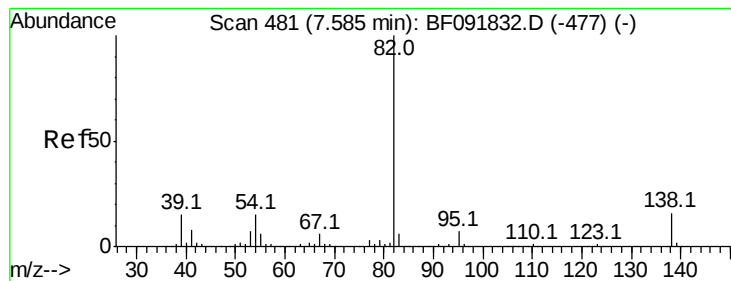


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.43 ng

RT: 7.40 min Scan# 491

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

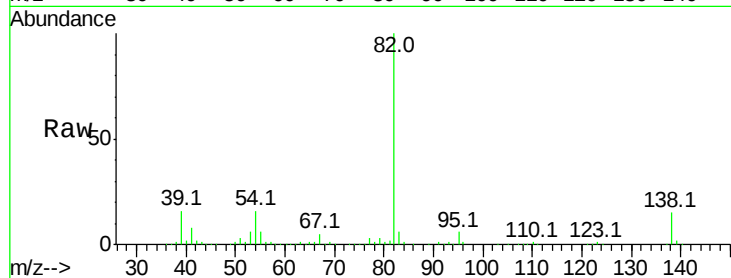
Tot Ion: 82 Resp: 969802

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

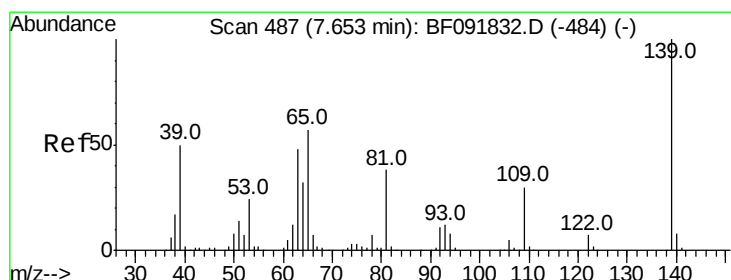
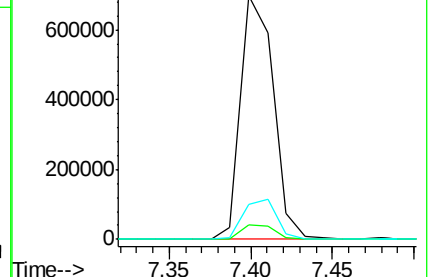
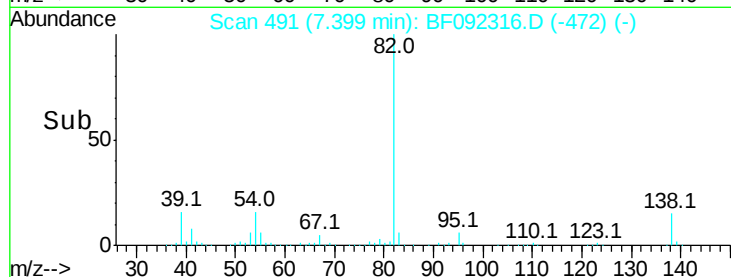
138 14.6 14.6 22.0#



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: 38.79 ng

RT: 7.48 min Scan# 498

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

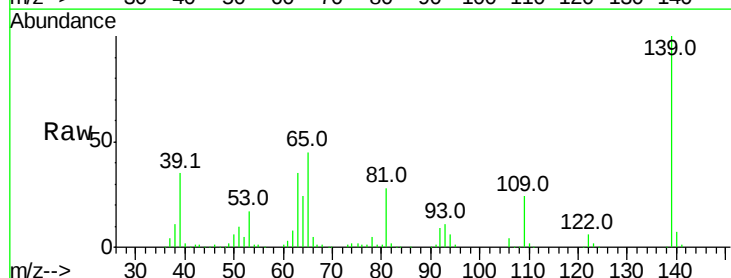
Tgt Ion: 139 Resp: 293915

Ion Ratio Lower Upper

139 100

109 24.3 23.3 34.9

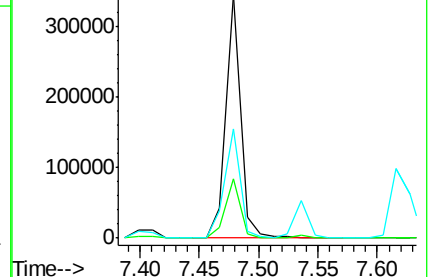
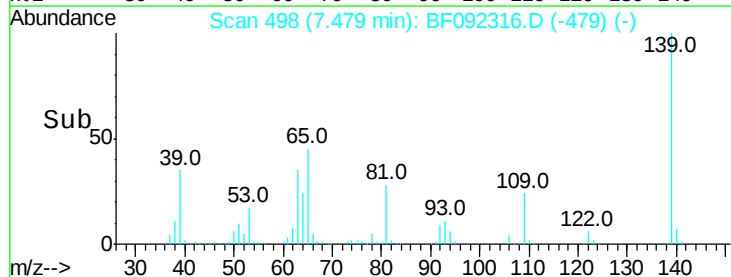
65 44.6 42.7 64.1

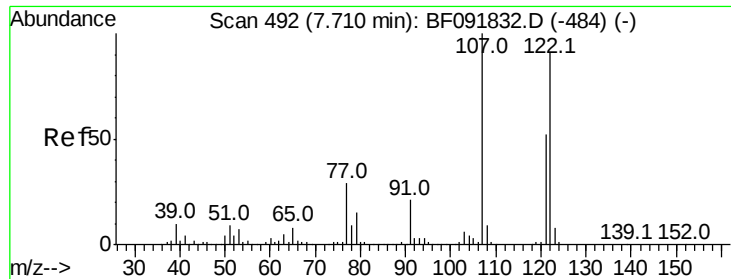


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 35.14 ng

RT: 7.54 min Scan# 503

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

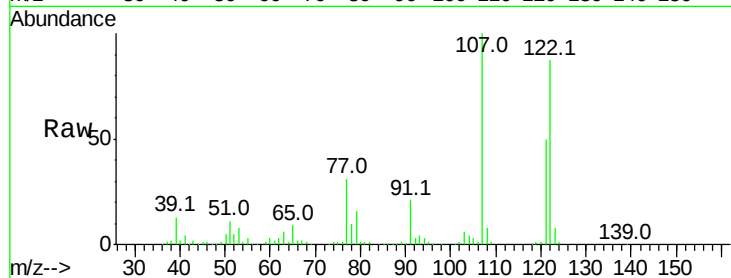
Tot Ion:122 Resp: 441653

Ion Ratio Lower Upper

122 100

107 115.5 94.1 141.1

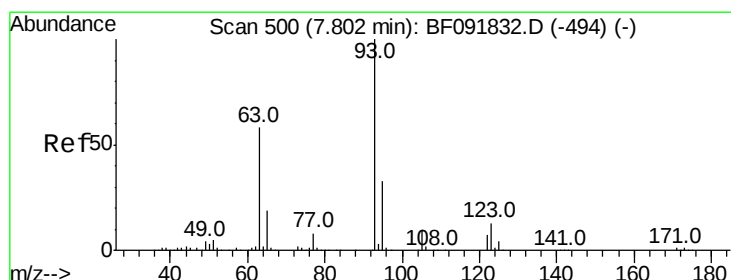
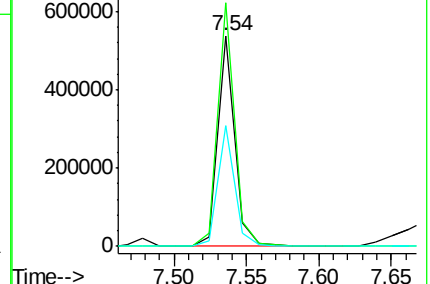
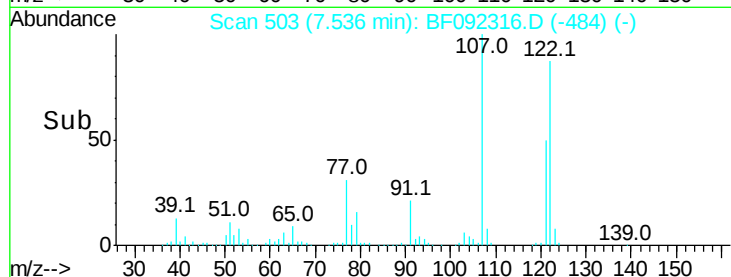
121 57.4 46.0 69.0



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: 34.62 ng

RT: 7.62 min Scan# 510

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

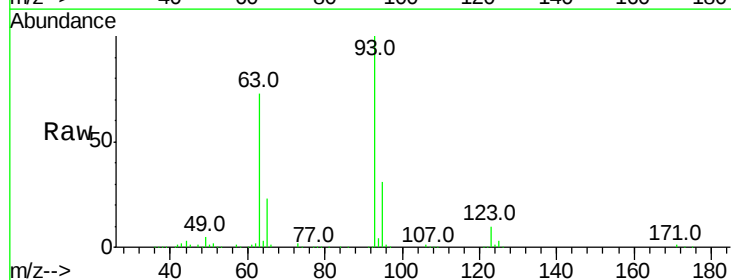
Tgt Ion: 93 Resp: 558823

Ion Ratio Lower Upper

93 100

95 31.4 26.5 39.7

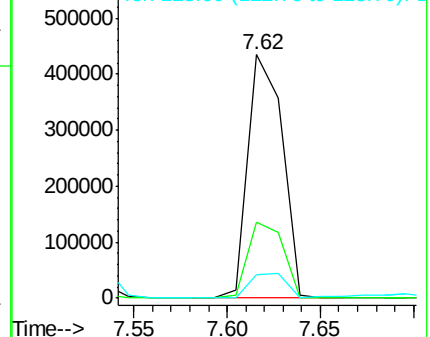
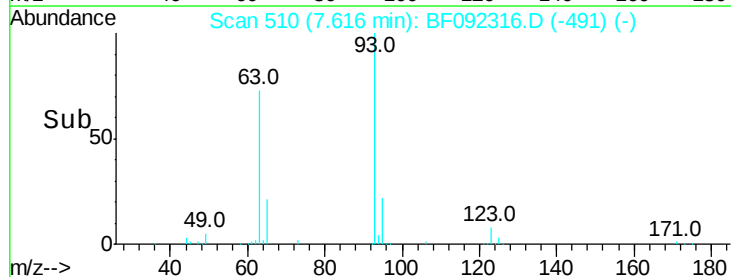
123 9.7 8.6 13.0

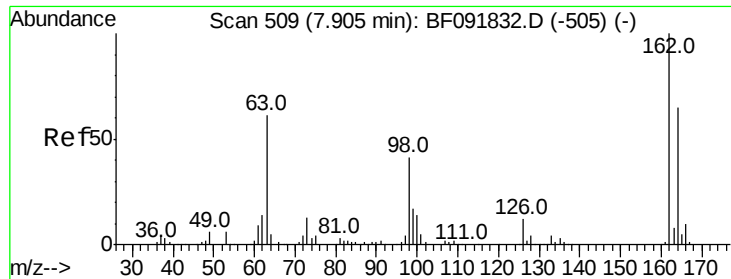


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

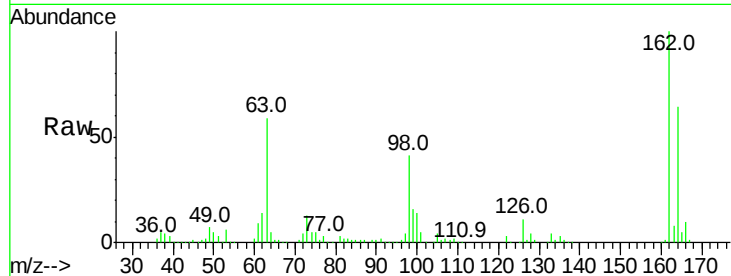




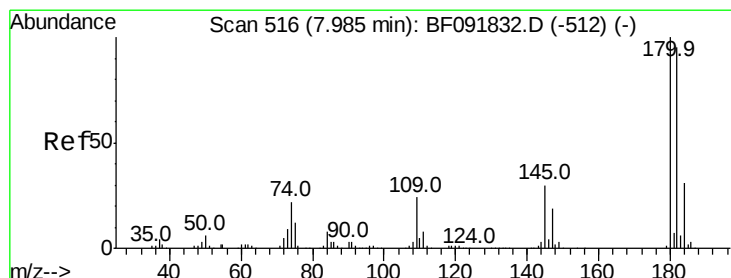
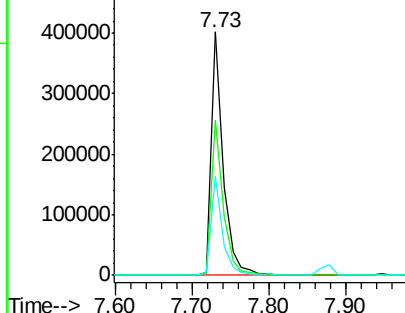
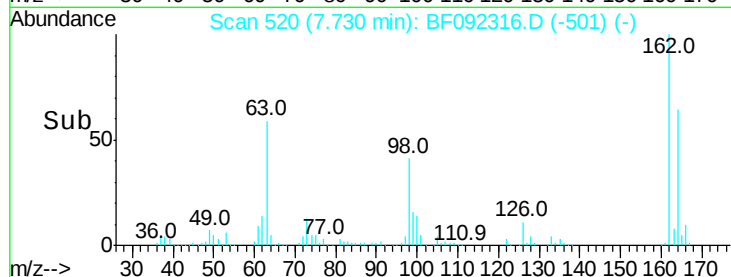
#29
 2,4-Dichlorophenol
 Concen: 40.14 ng
 RT: 7.73 min Scan# 520
 Delta R.T. -0.08 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 427222
 Ion Ratio Lower Upper
 162 100
 164 63.6 46.8 86.8
 98 40.6 9.1 49.1

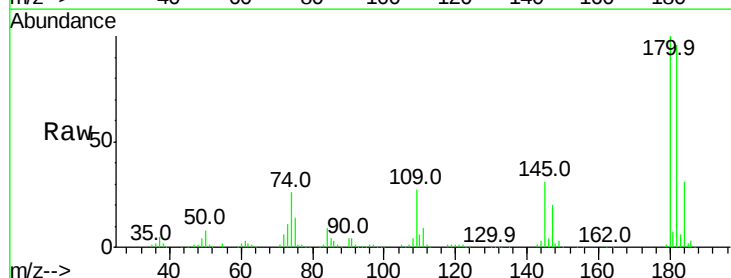


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

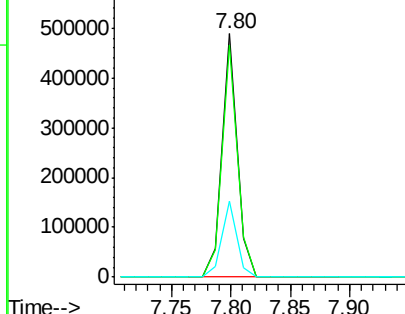
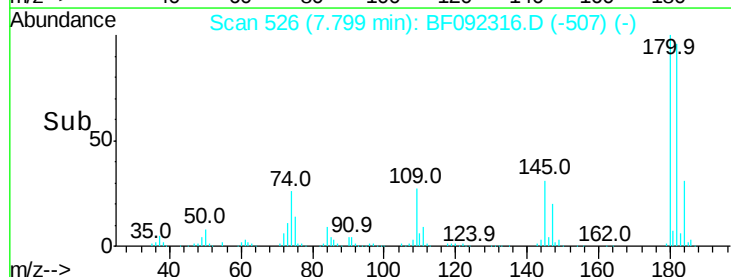


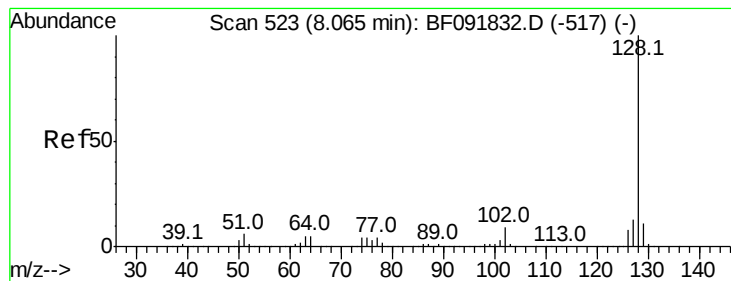
#30
 1,2,4-Trichlorobenzene
 Concen: 36.87 ng
 RT: 7.80 min Scan# 526
 Delta R.T. -0.08 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion:180 Resp: 429955
 Ion Ratio Lower Upper
 180 100
 182 95.6 78.2 117.4
 145 31.2 21.6 32.4



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





#31

Naphthalene

Concen: 40.09 ng

RT: 7.88 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

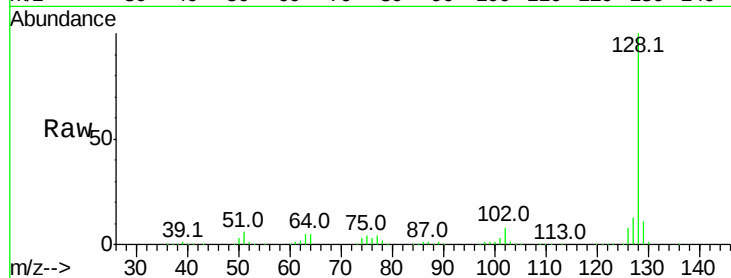
Tot Ion:128 Resp: 1472051

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

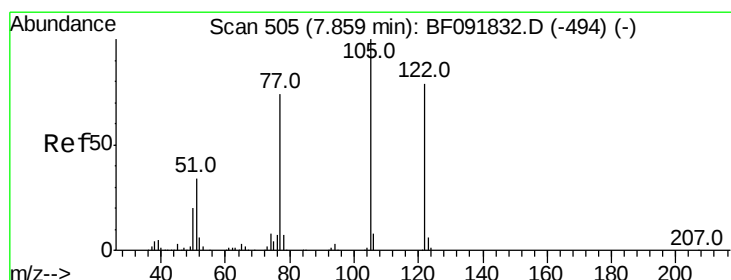
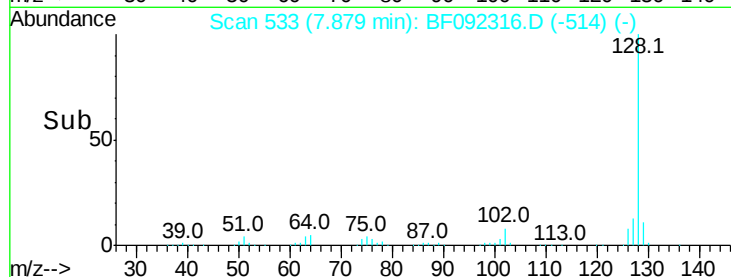
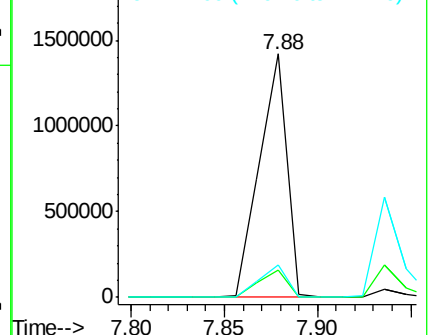
127 13.3 10.8 16.2



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: 25.83 ng

RT: 7.70 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

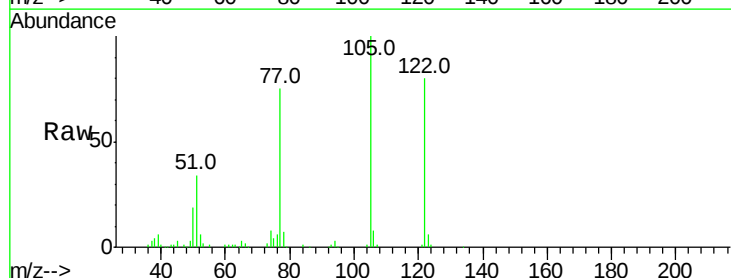
Tgt Ion:122 Resp: 240761

Ion Ratio Lower Upper

122 100

105 124.5 107.2 147.2

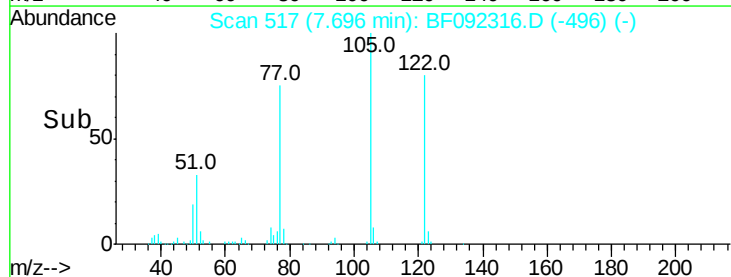
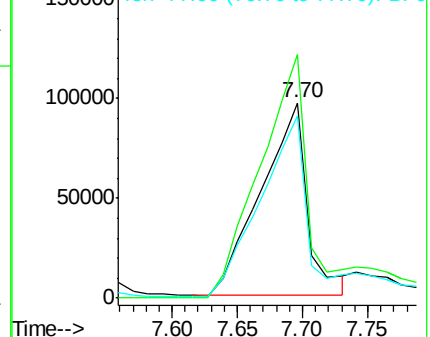
77 92.8 74.5 114.5

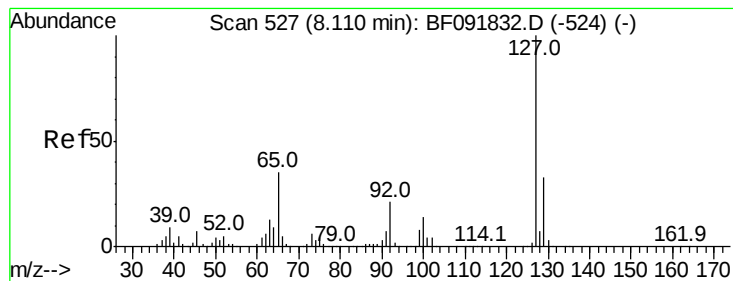


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 34.29 ng

RT: 7.94 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 567693

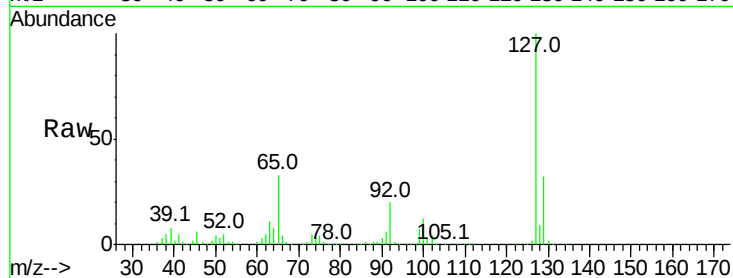
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 32.6 25.8 38.8

92 19.7 16.1 24.1

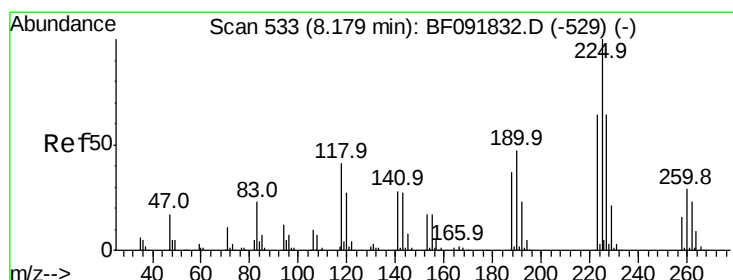
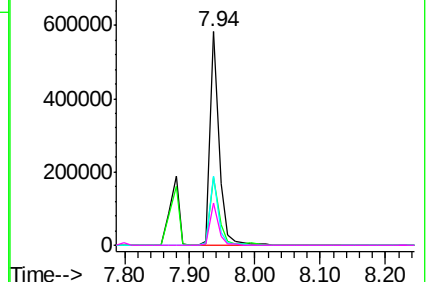
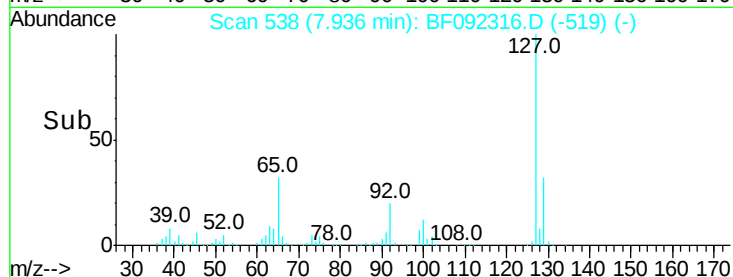


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.05 ng

RT: 7.99 min Scan# 543

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

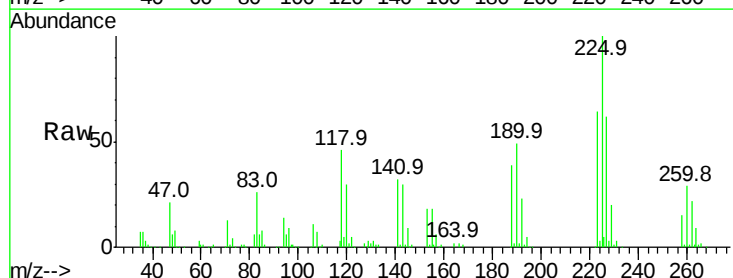
Tgt Ion:225 Resp: 228106

Ion Ratio Lower Upper

225 100

223 64.4 51.0 76.6

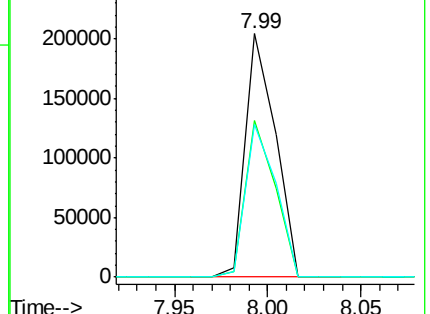
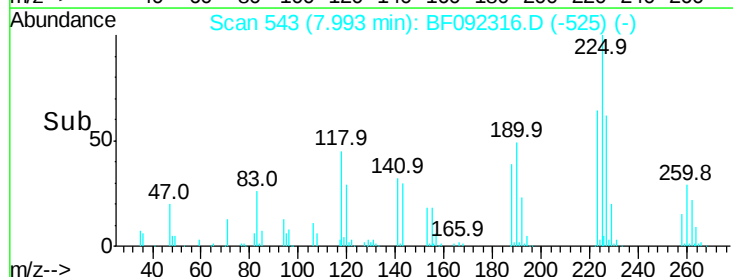
227 62.5 50.6 76.0

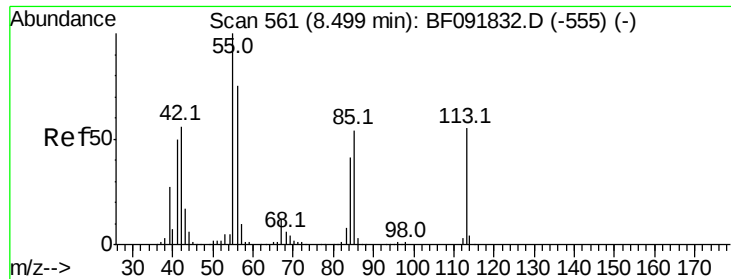


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.95 ng

RT: 8.32 min Scan# 572

Delta R.T. -0.07 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampled :

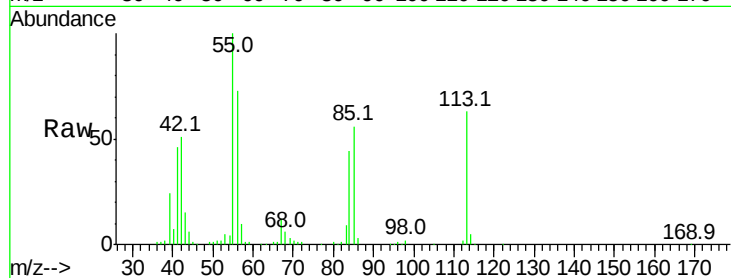
Tot Ion:113 Resp: 132716

Ion Ratio Lower Upper

113 100

55 159.6 119.2 159.2#

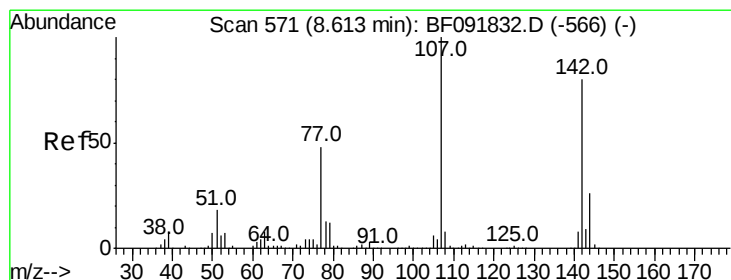
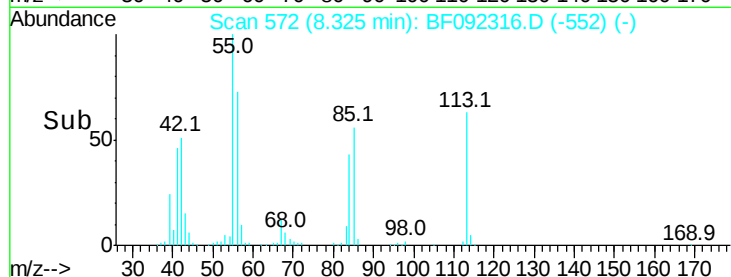
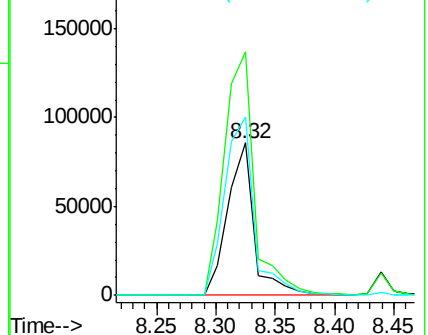
56 117.2 83.8 123.8



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: 37.28 ng

RT: 8.44 min Scan# 582

Delta R.T. -0.07 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

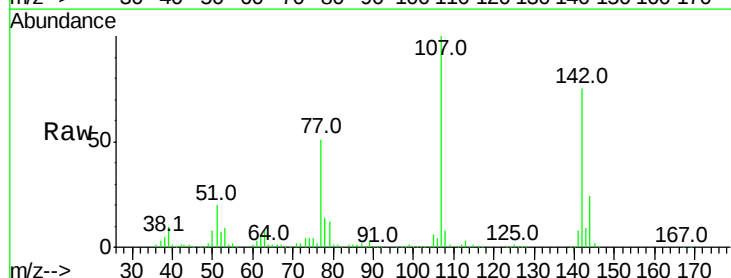
Tgt Ion:107 Resp: 456522

Ion Ratio Lower Upper

107 100

144 24.2 19.3 28.9

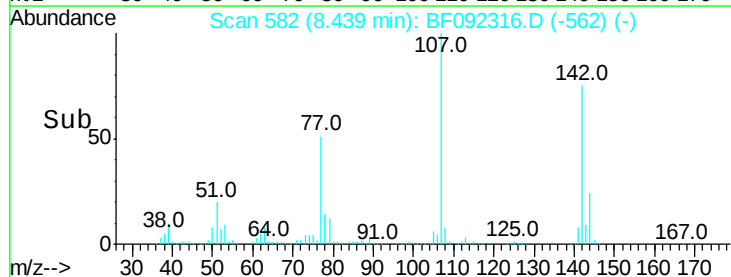
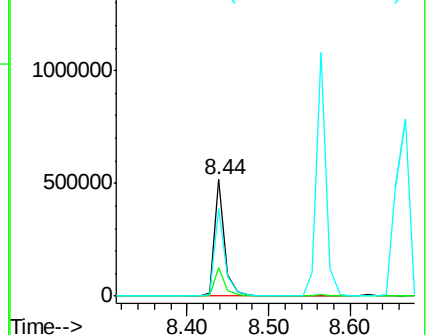
142 74.7 59.0 88.6

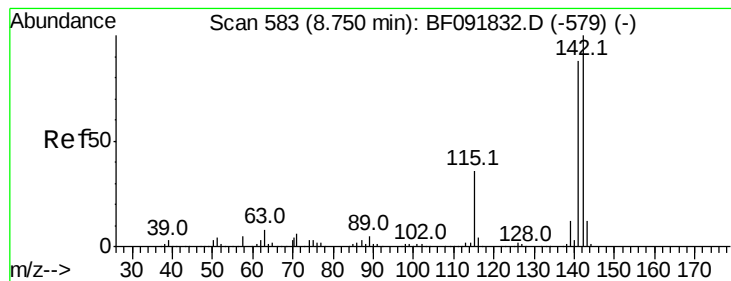


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.36 ng

RT: 8.56 min Scan# 593

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleID :

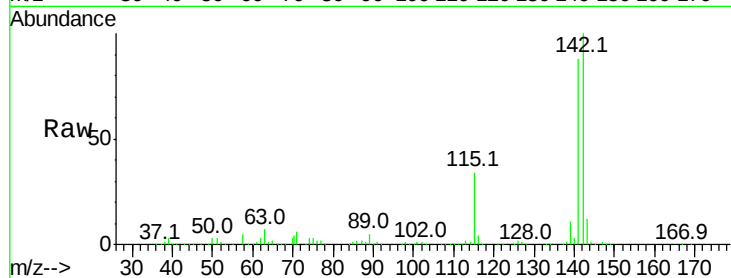
Tot Ion:142 Resp: 899409

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6

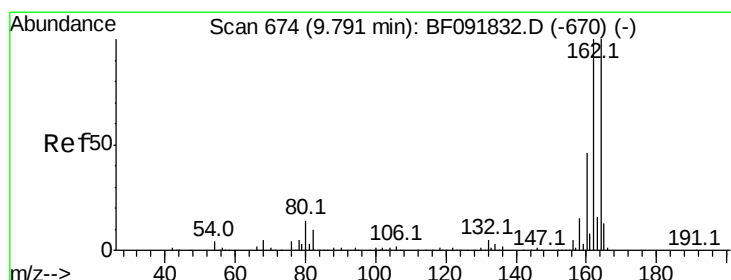
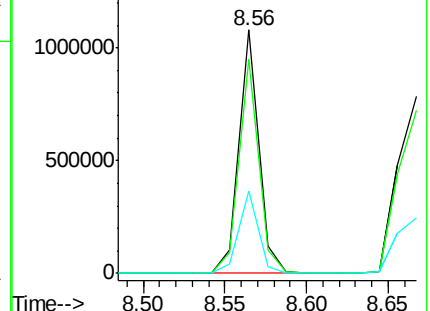
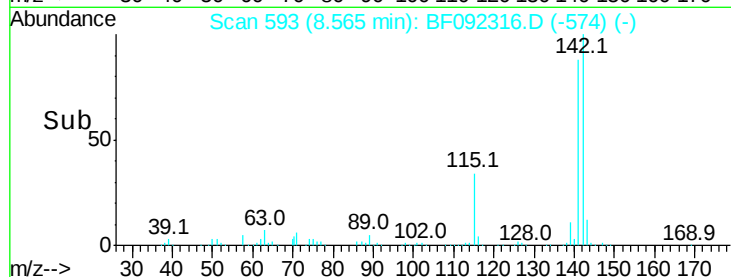
115 33.6 28.3 42.5



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: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

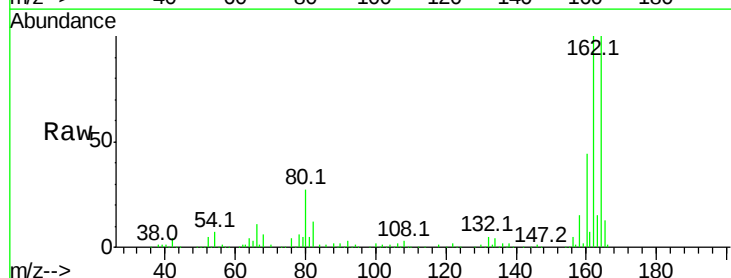
Tgt Ion:164 Resp: 407270

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

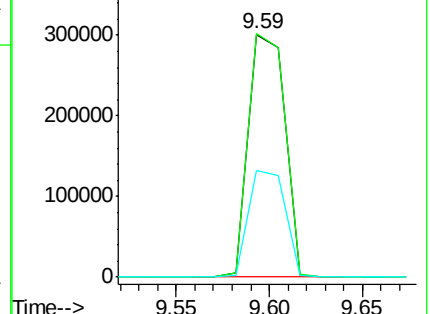
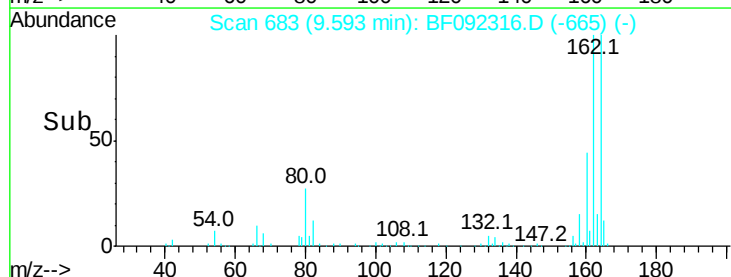
160 44.1 36.9 55.3

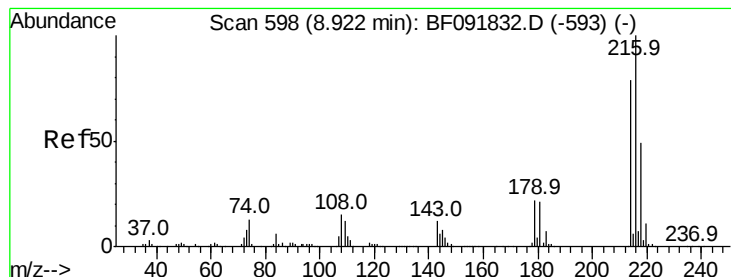


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.49 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 416587

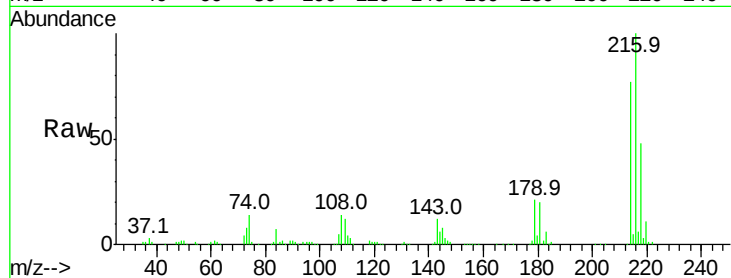
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.0

179 21.7 17.4 26.2

108 19.1 15.6 23.4

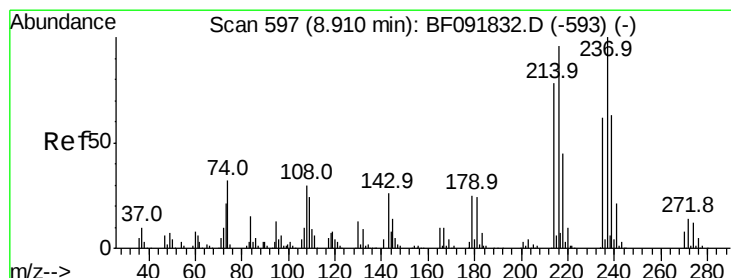
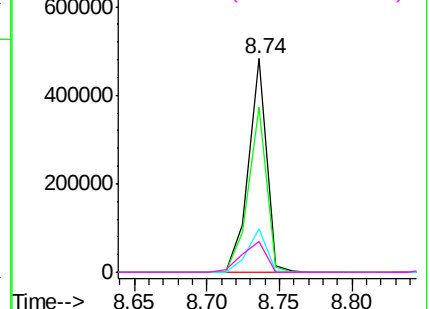
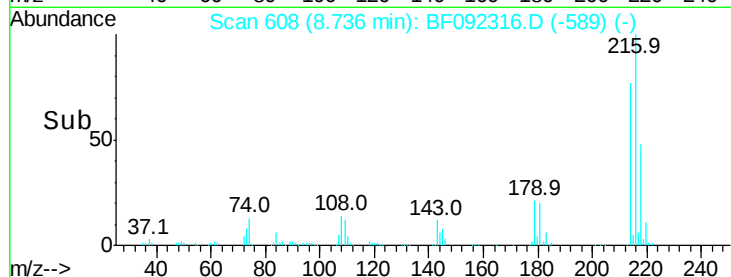


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 27.62 ng

RT: 8.71 min Scan# 606

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

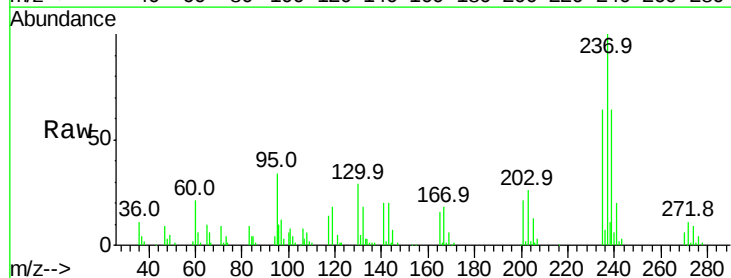
Tgt Ion:237 Resp: 114029

Ion Ratio Lower Upper

237 100

235 64.2 41.2 81.2

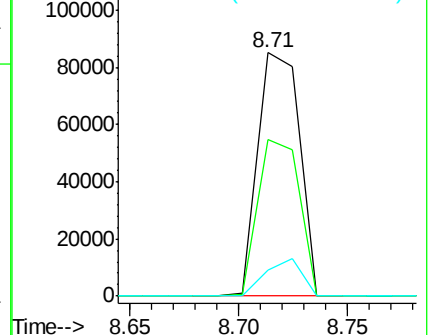
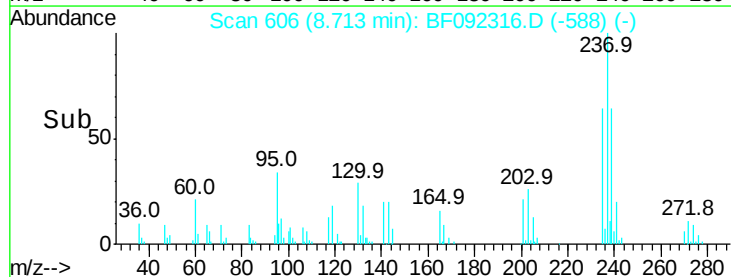
272 10.8 0.0 35.4

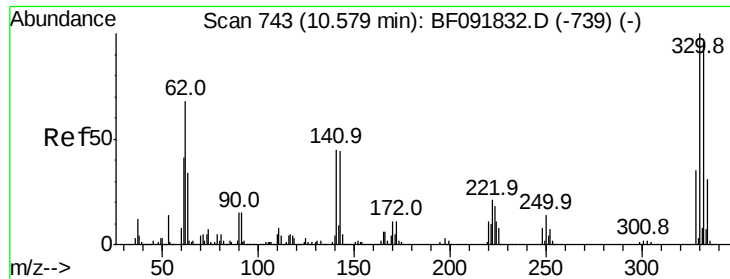


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

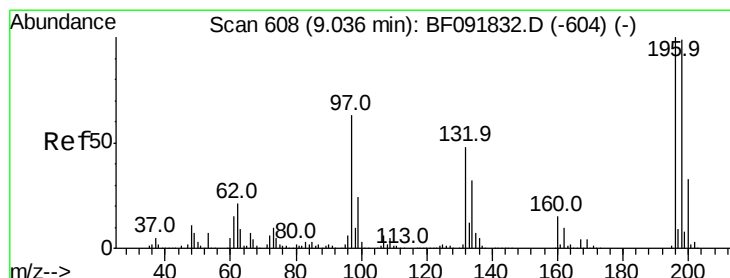
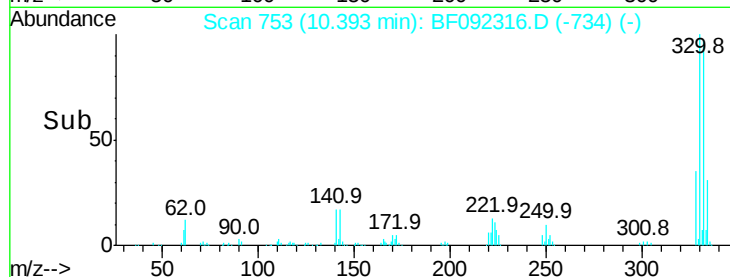
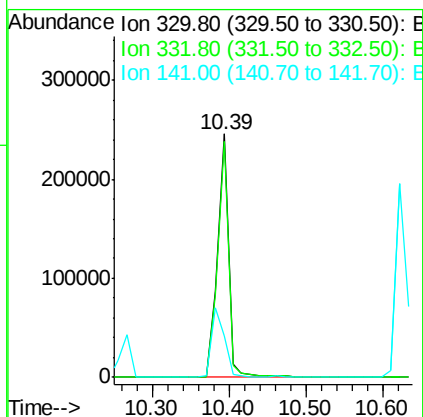
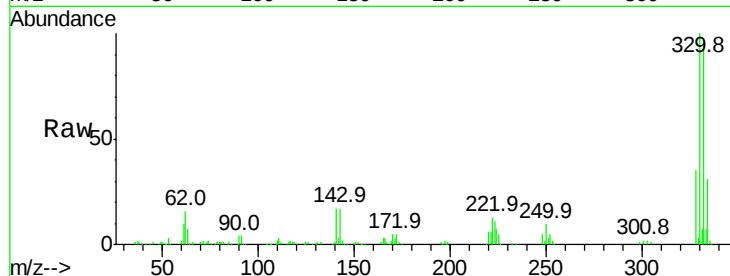




#41
 2,4,6-Tribromophenol
 Concen: 74.15 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

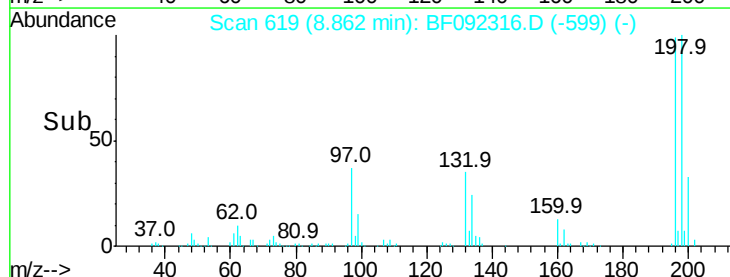
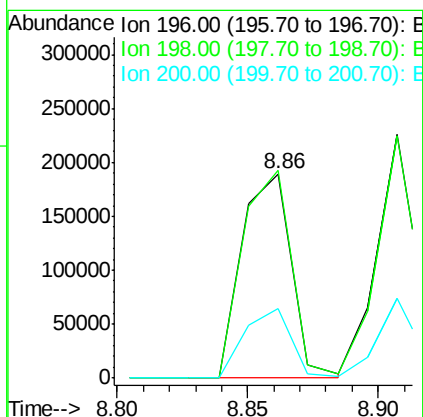
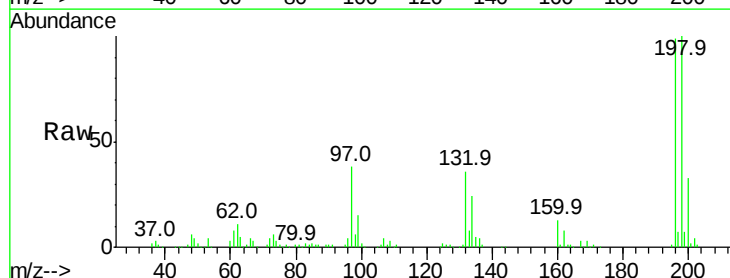
Instrument :
 BNA_F
 ClientSampleId :

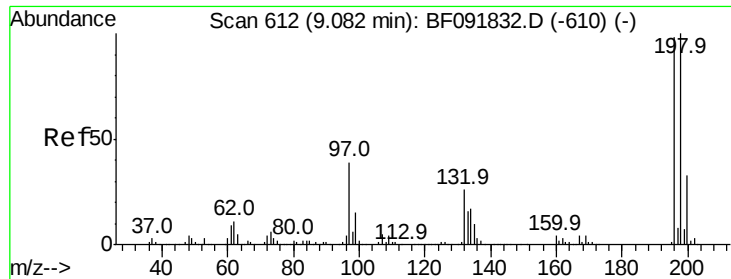
Tot Ion:330 Resp: 249921
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 33.0 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 35.00 ng
 RT: 8.86 min Scan# 619
 Delta R.T. -0.07 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion:196 Resp: 251859
 Ion Ratio Lower Upper
 196 100
 198 101.5 82.1 123.1
 200 33.8 27.0 40.4

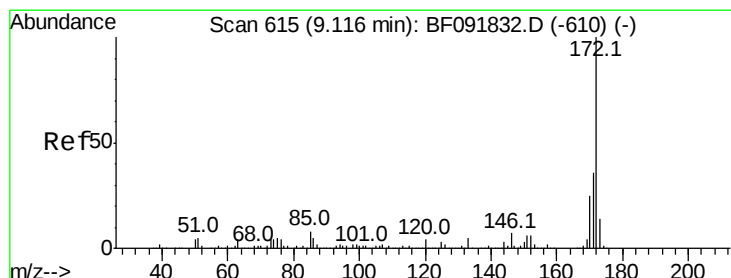
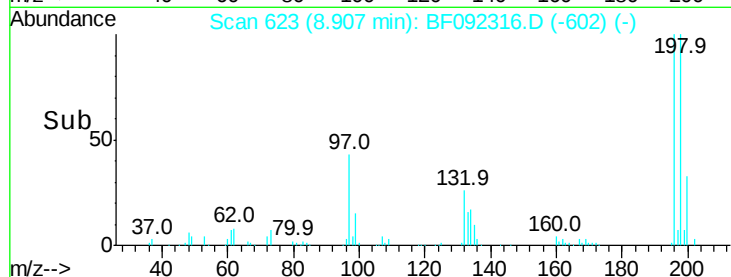
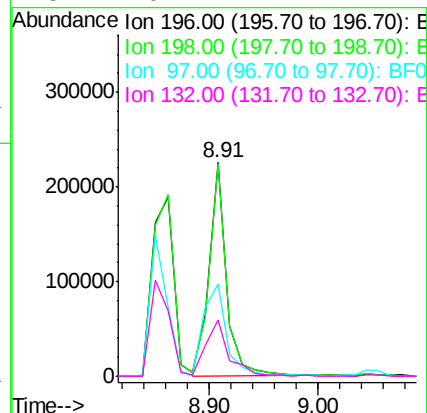
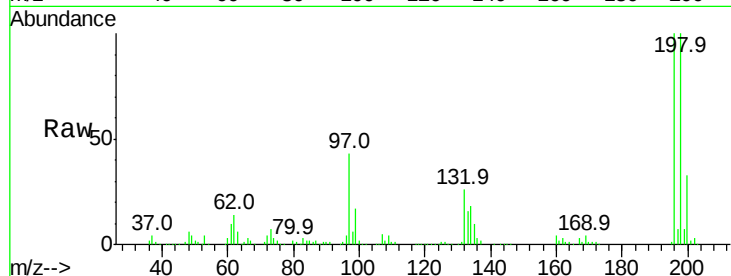




#43
 2,4,5-Trichlorophenol
 Concen: 34.36 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.07 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

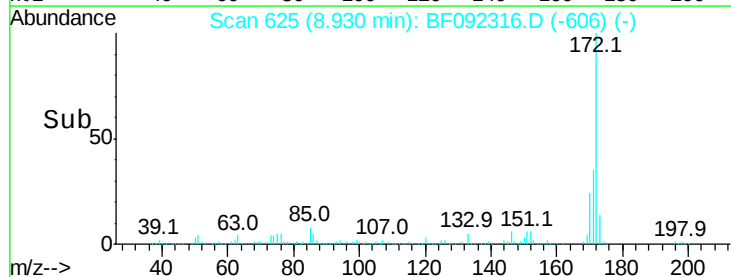
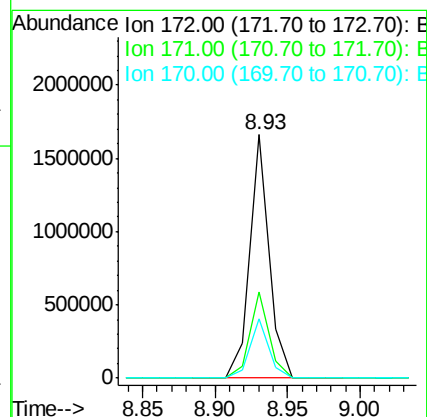
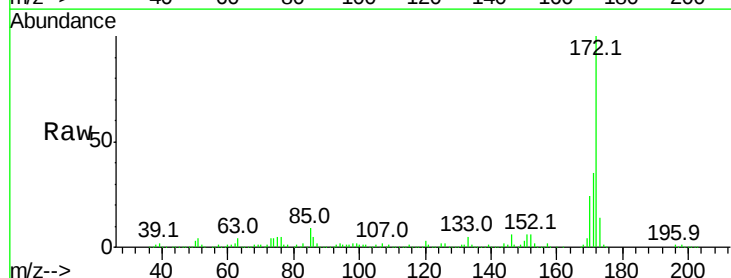
Instrument :
 BNA_F
 ClientSampleId :

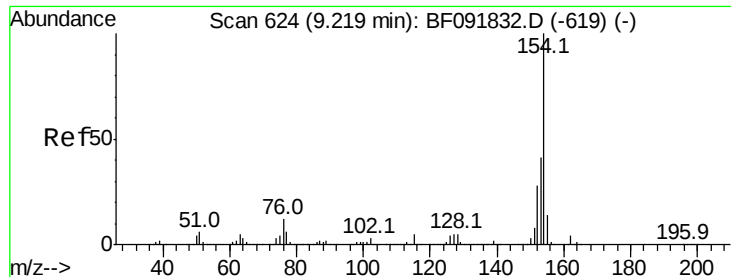
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	79.4	119.2
97	43.3	51.5	77.3#
132	26.4	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 75.84 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	24.2	20.2	30.4

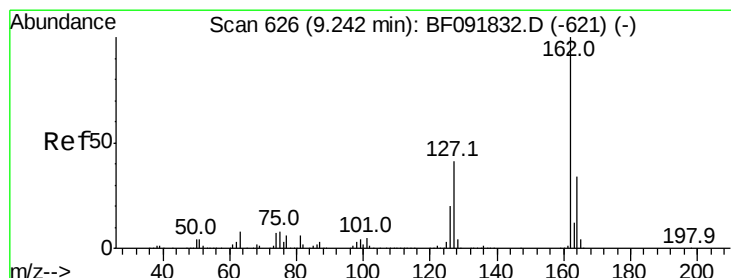
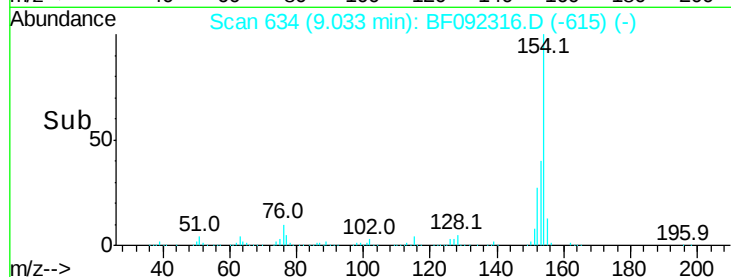
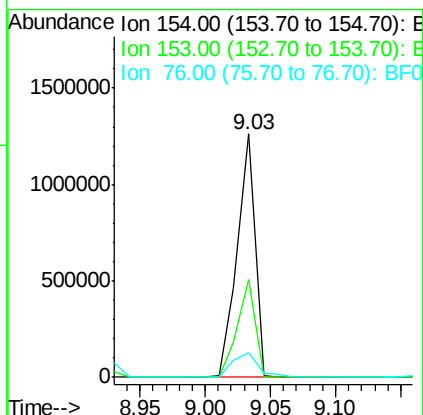
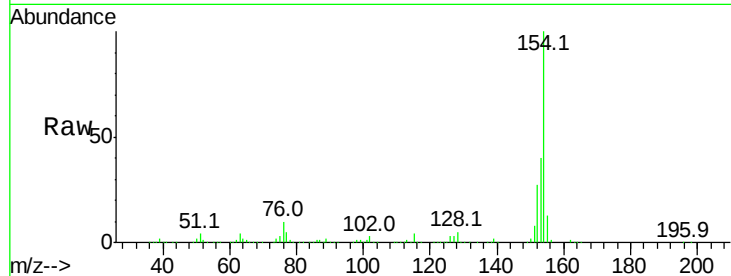




#45
1,1'-Biphenyl
Concen: 42.91 ng
RT: 9.03 min Scan# 634
Delta R.T. -0.08 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

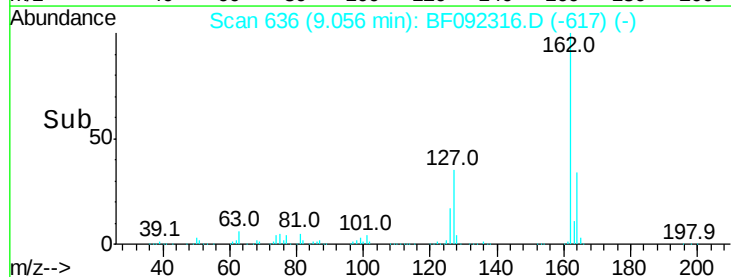
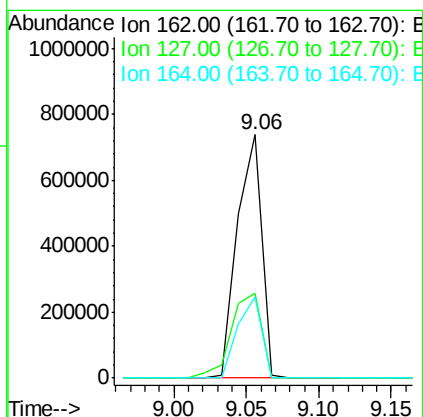
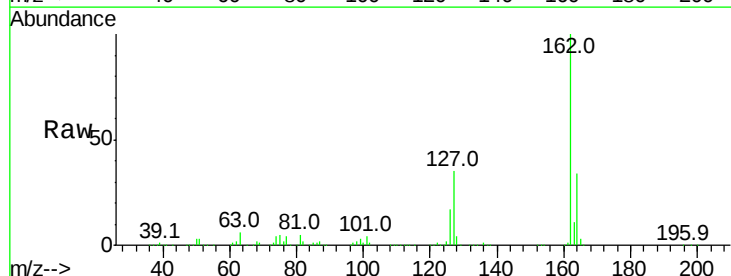
Instrument :
BNA_F
ClientSampleId :

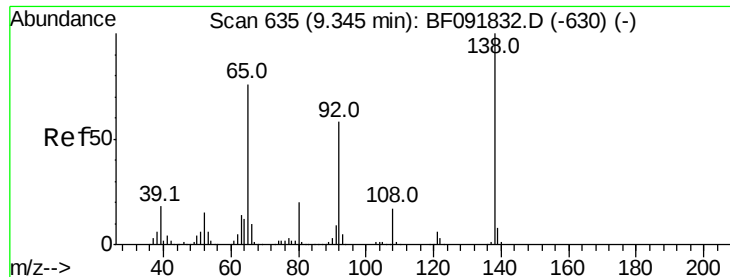
Tot Ion:154 Resp: 1196619
Ion Ratio Lower Upper
154 100
153 40.2 20.9 60.9
76 10.1 0.0 30.5



#46
2-Chloronaphthalene
Concen: 39.01 ng
RT: 9.06 min Scan# 636
Delta R.T. -0.08 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:162 Resp: 861525
Ion Ratio Lower Upper
162 100
127 34.8 30.7 46.1
164 33.5 27.6 41.4

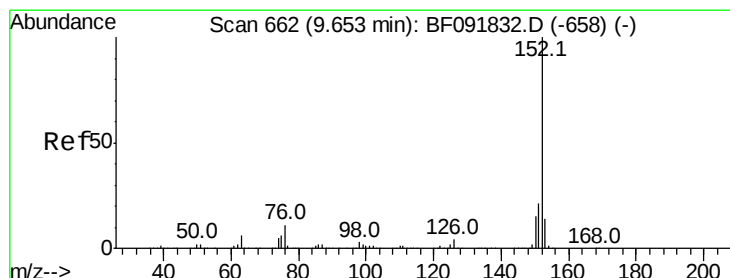
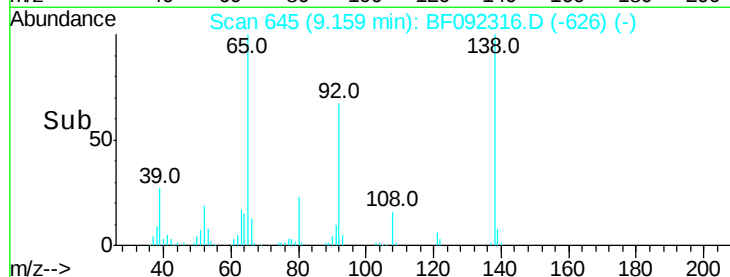
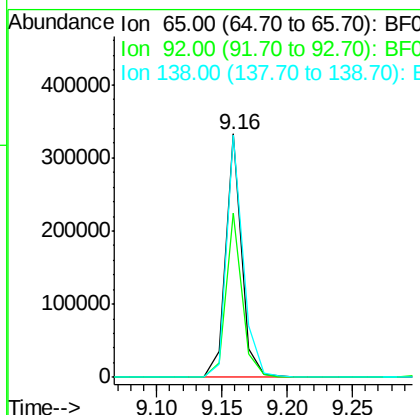
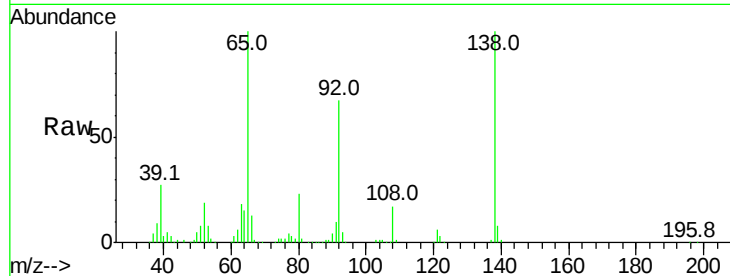




#47
2-Nitroaniline
Concen: 36.21 ng
RT: 9.16 min Scan# 645
Delta R.T. -0.08 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

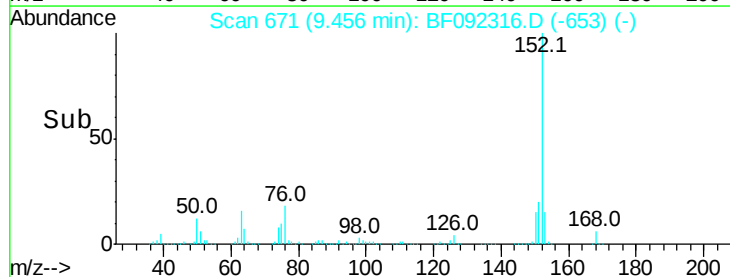
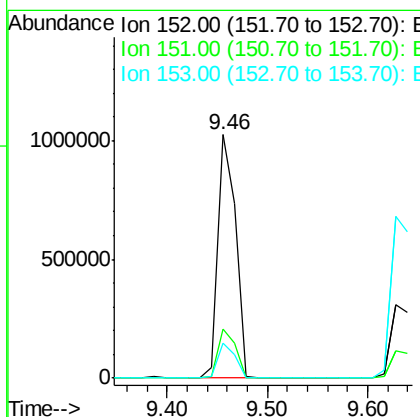
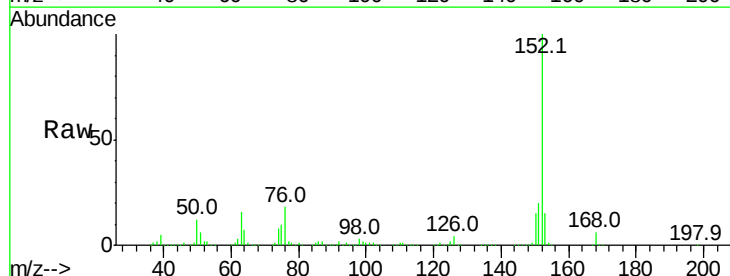
Instrument :
BNA_F
ClientSampled :

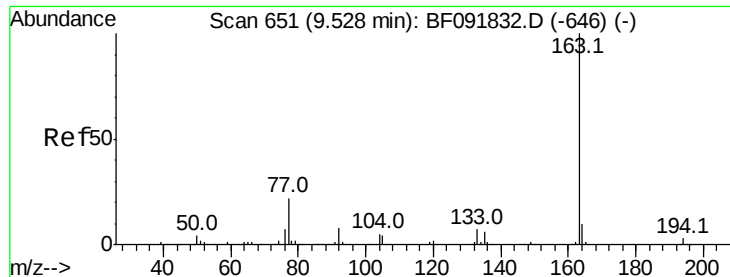
Tot Ion: 65 Resp: 284716
Ion Ratio Lower Upper
65 100
92 67.4 53.9 80.9
138 99.6 76.8 115.2



#48
Acenaphthylene
Concen: 36.60 ng
RT: 9.46 min Scan# 671
Delta R.T. -0.09 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion: 152 Resp: 1243206
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 14.6 11.4 17.2

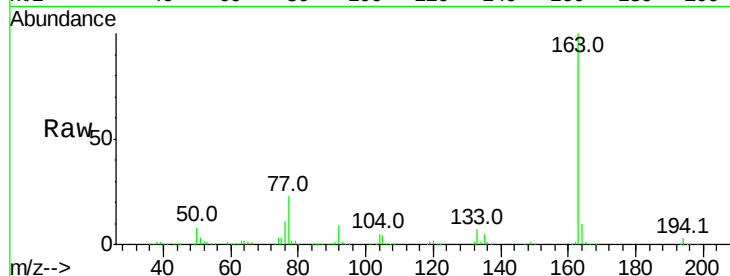




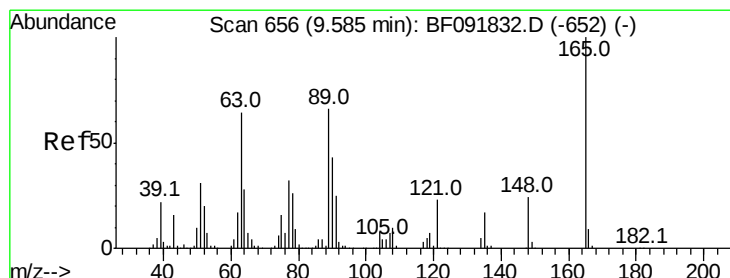
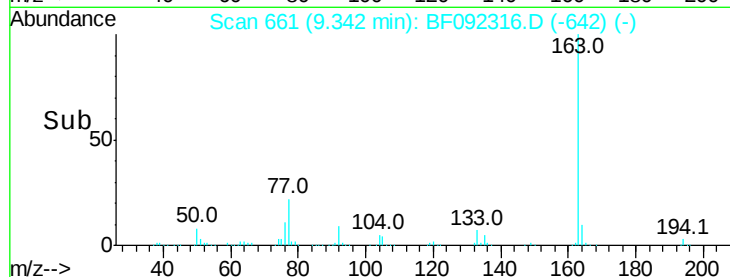
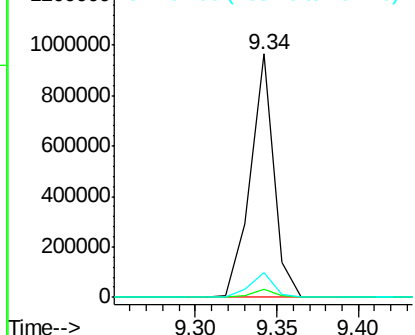
#49
Dimethylphthalate
Concen: 37.04 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.08 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 964865
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.2 8.0 12.0

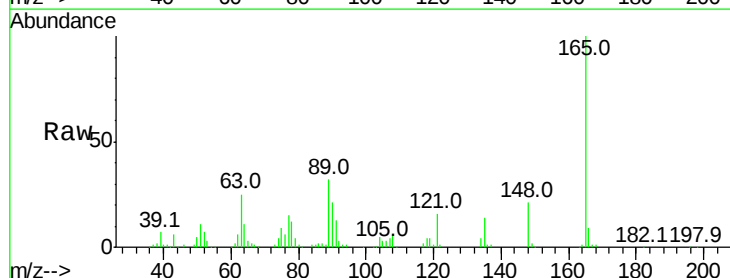


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

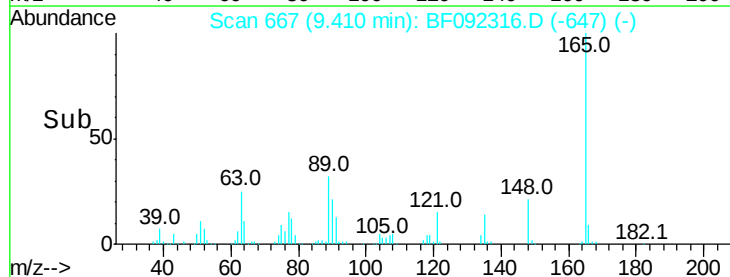
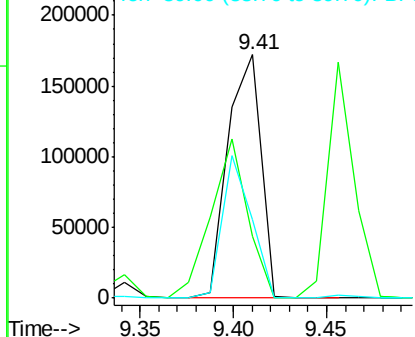


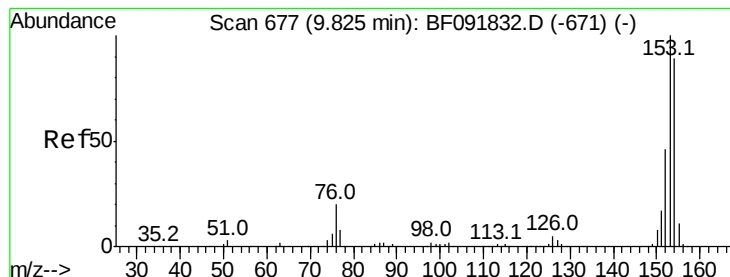
#50
2,6-Dinitrotoluene
Concen: 37.67 ng
RT: 9.41 min Scan# 667
Delta R.T. -0.07 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:165 Resp: 214787
Ion Ratio Lower Upper
165 100
63 25.3 36.2 54.4#
89 32.2 40.2 60.4#



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





#51

Acenaphthene

Concen: 35.34 ng

RT: 9.63 min Scan# 686

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

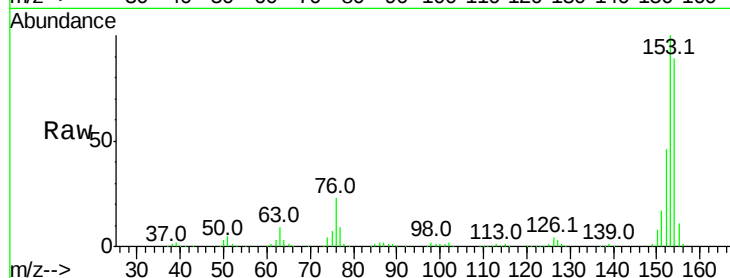
Tot Ion:154 Resp: 813759

Ion Ratio Lower Upper

154 100

153 112.3 88.6 133.0

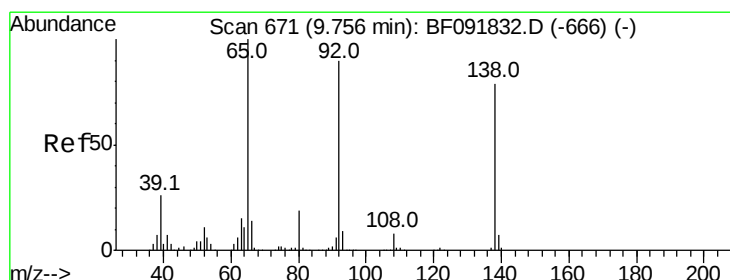
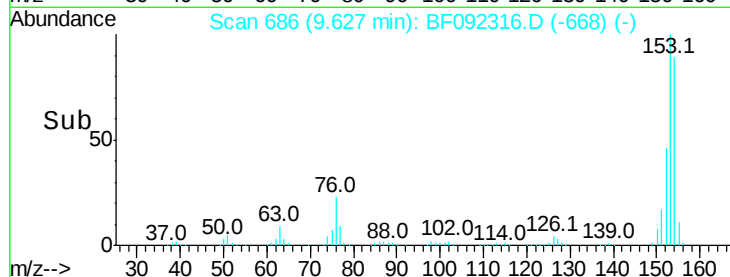
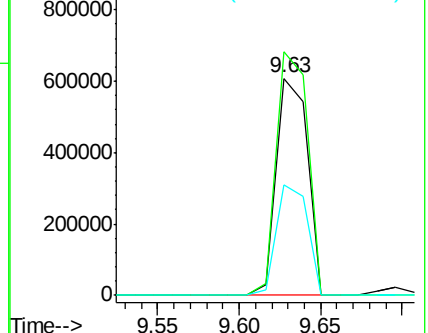
152 51.2 41.6 62.4



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: 33.80 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

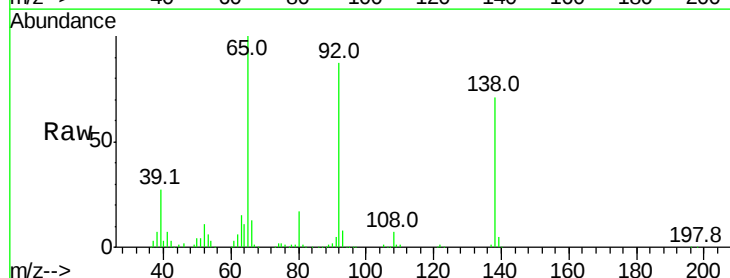
Tgt Ion:138 Resp: 238483

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

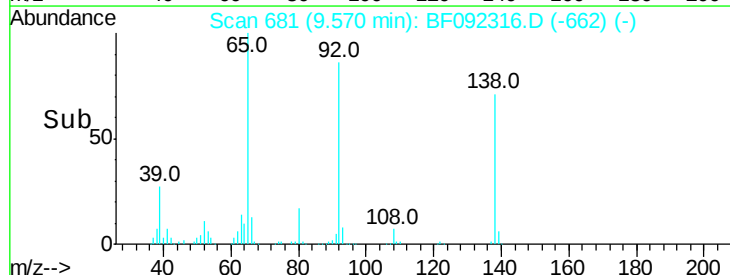
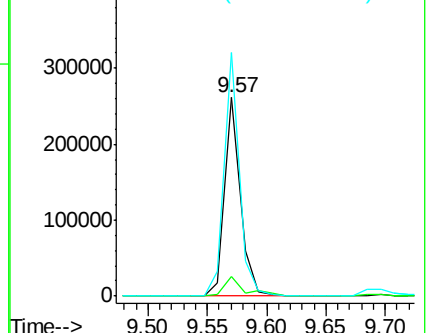
92 122.8 97.8 146.8

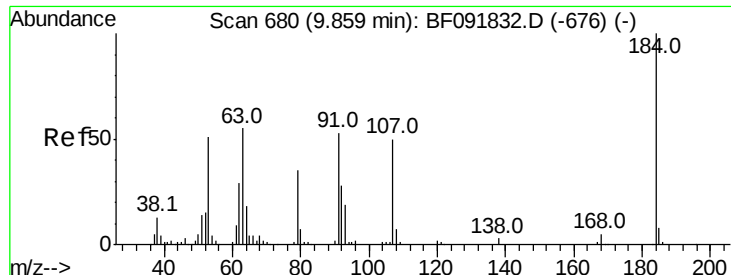


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

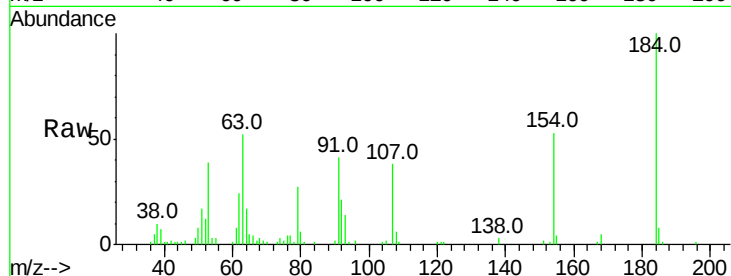




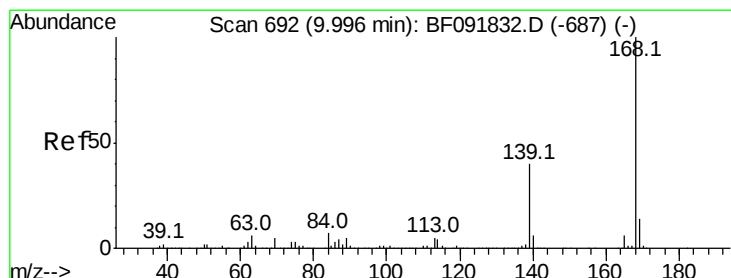
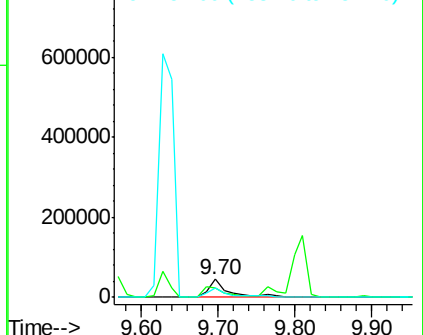
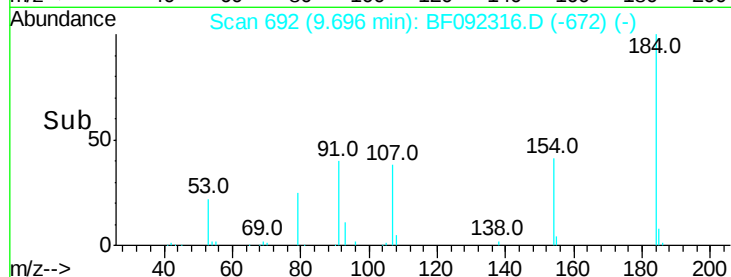
#53
2,4-Dinitrophenol
Concen: 26.71 ng
RT: 9.70 min Scan# 692
Delta R.T. -0.07 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 84748
Ion Ratio Lower Upper
184 100
63 51.9 28.4 42.6#
154 53.1 44.3 66.5

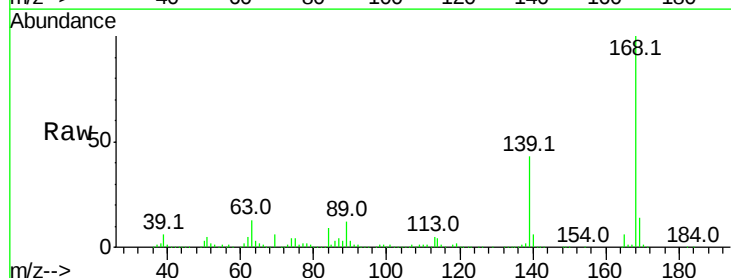


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

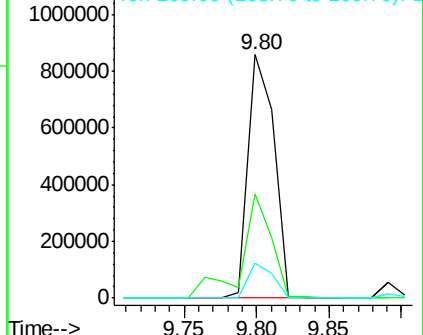
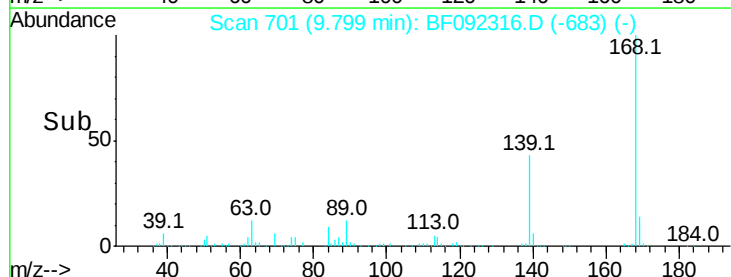


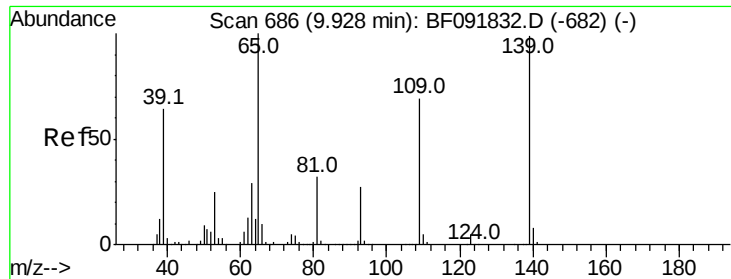
#54
Dibenzofuran
Concen: 34.12 ng
RT: 9.80 min Scan# 701
Delta R.T. -0.09 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:168 Resp: 1060965
Ion Ratio Lower Upper
168 100
139 42.8 32.6 49.0
169 14.2 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

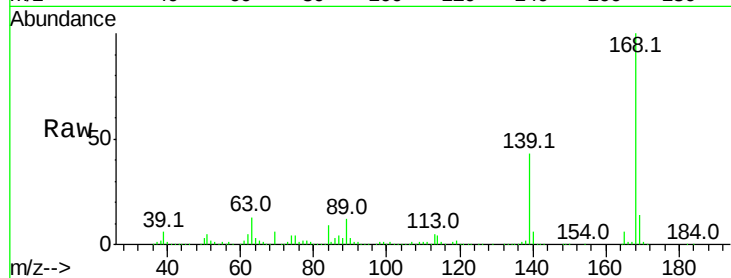




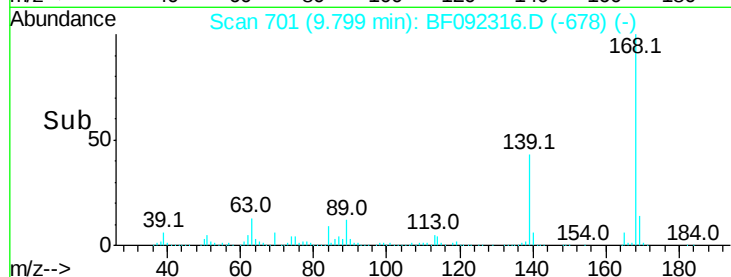
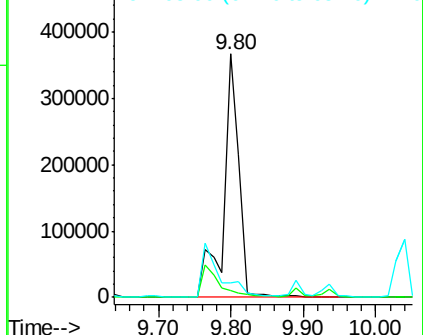
#55
4-Nitrophenol
Concen: 111.83 ng
RT: 9.80 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 535752
Ion Ratio Lower Upper
139 100
109 2.8 52.2 92.2#
65 5.7 85.8 125.8#



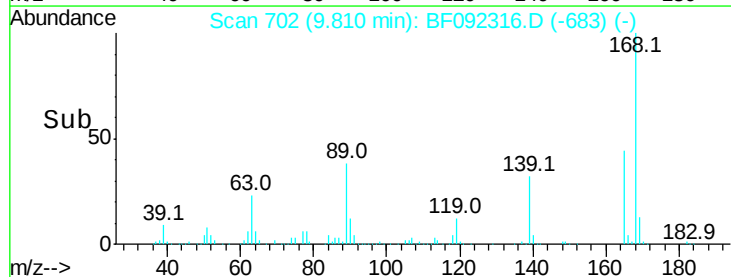
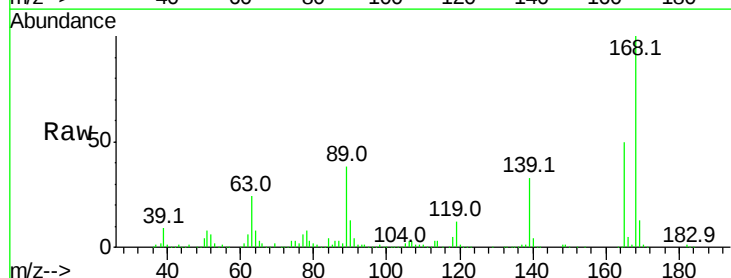
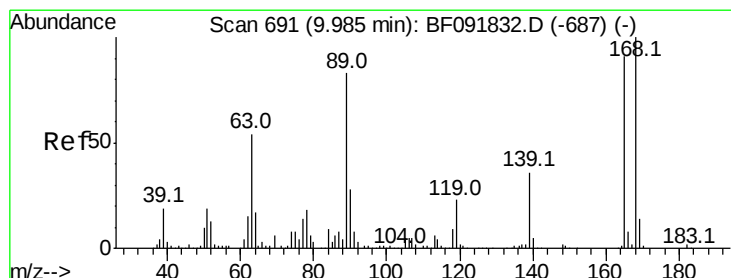
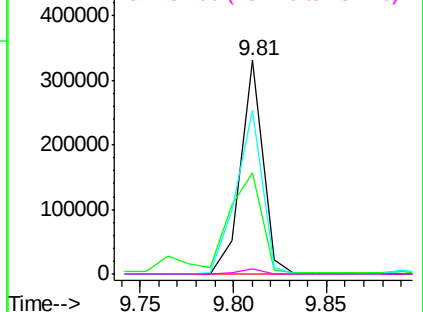
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

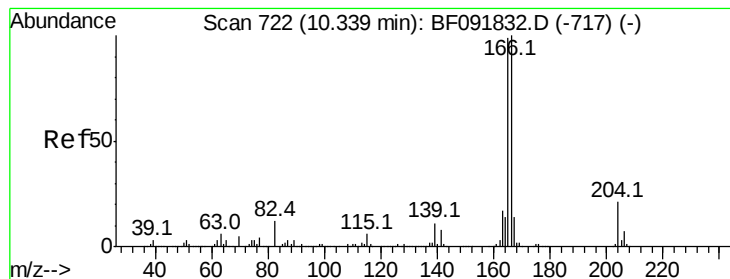


#56
2,4-Dinitrotoluene
Concen: 38.93 ng
RT: 9.81 min Scan# 702
Delta R.T. -0.08 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:165 Resp: 278551
Ion Ratio Lower Upper
165 100
63 47.1 40.2 60.4
89 77.0 62.5 93.7
182 2.2 1.8 2.8

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.37 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampled :

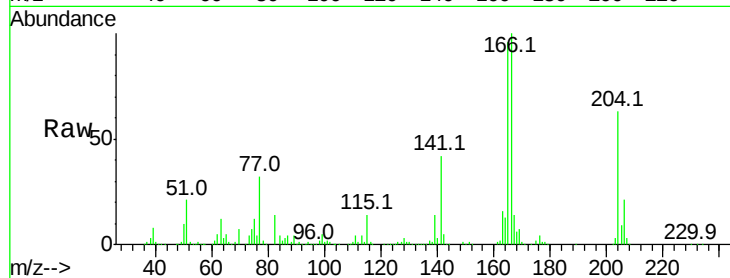
Tot Ion:166 Resp: 800171

Ion Ratio Lower Upper

166 100

165 96.4 77.8 116.8

167 13.7 10.8 16.2

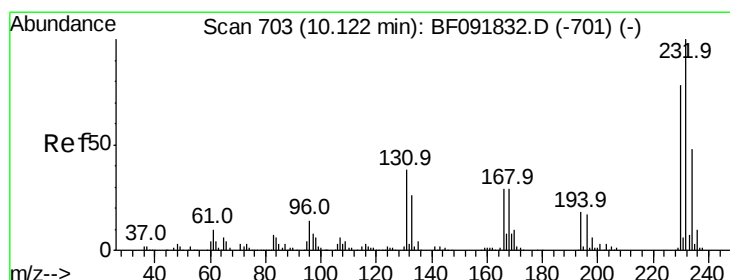
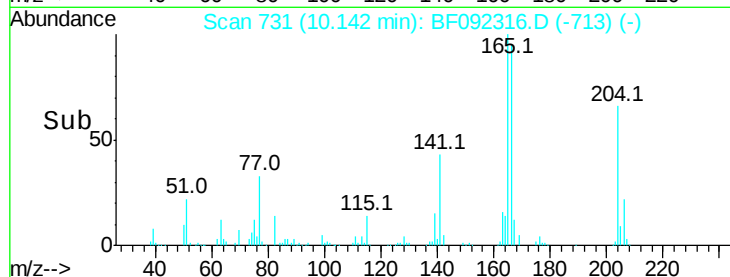
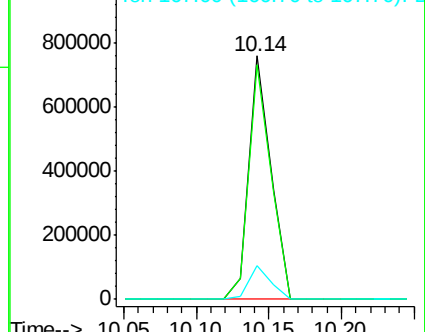


Abundance

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: 35.80 ng

RT: 9.94 min Scan# 713

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion:232 Resp: 209704

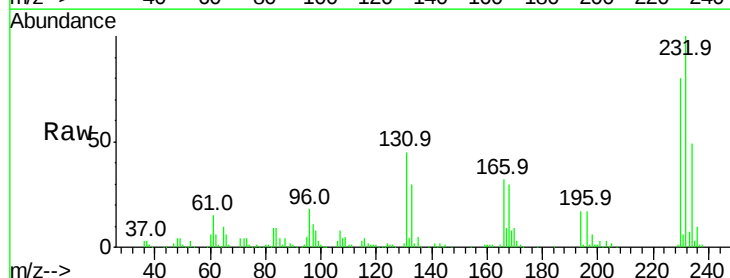
Ion Ratio Lower Upper

232 100

131 46.1 40.1 60.1

130 1.9 1.8 2.8

166 30.1 26.6 39.8



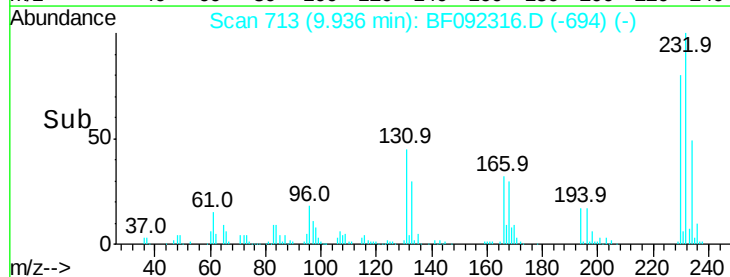
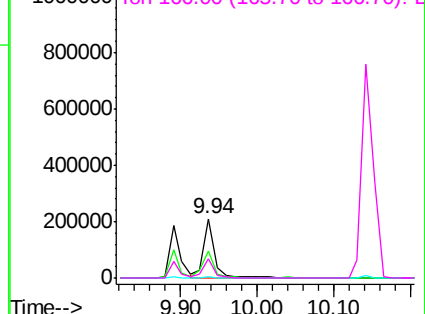
Abundance

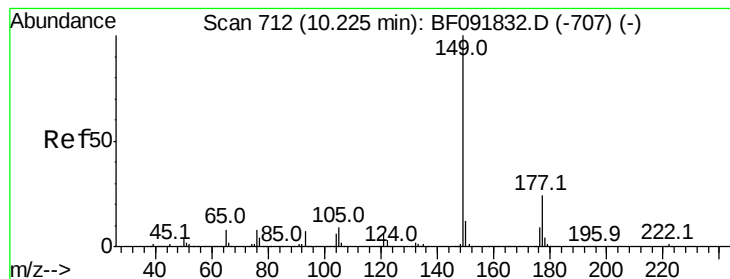
Ion 232.00 (231.70 to 232.70): E

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: 41.03 ng

RT: 10.04 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampled :

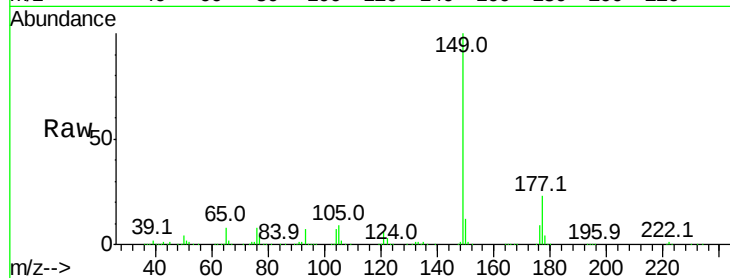
Tot Ion:149 Resp: 1038054

Ion Ratio Lower Upper

149 100

177 22.7 16.6 25.0

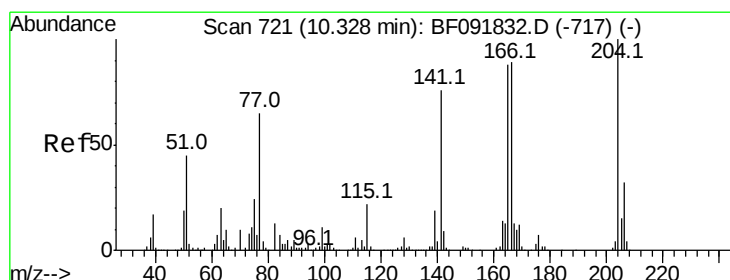
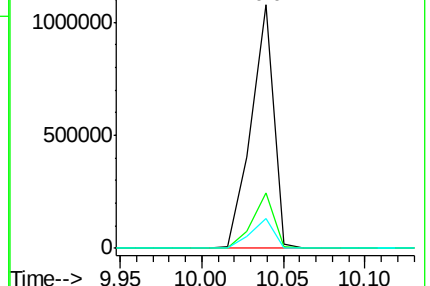
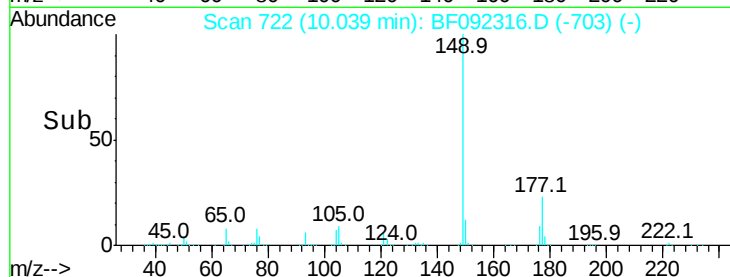
150 12.2 10.4 15.6



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: 39.08 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

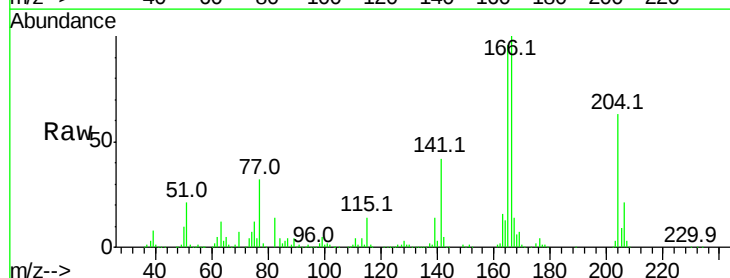
Tgt Ion:204 Resp: 387145

Ion Ratio Lower Upper

204 100

206 33.9 25.8 38.6

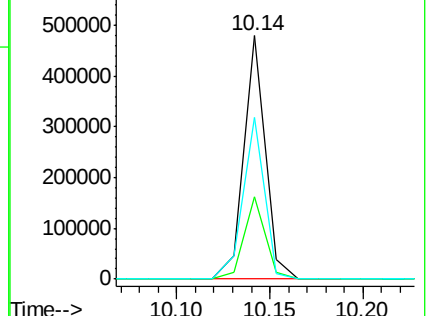
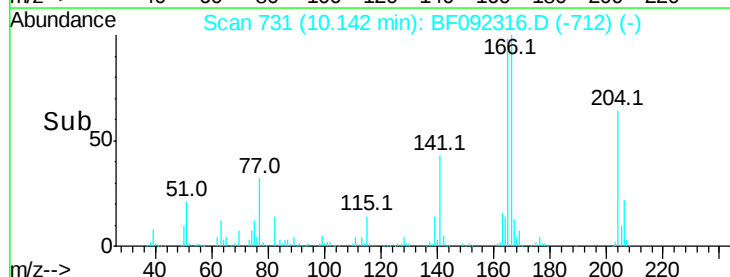
141 66.4 59.4 89.0

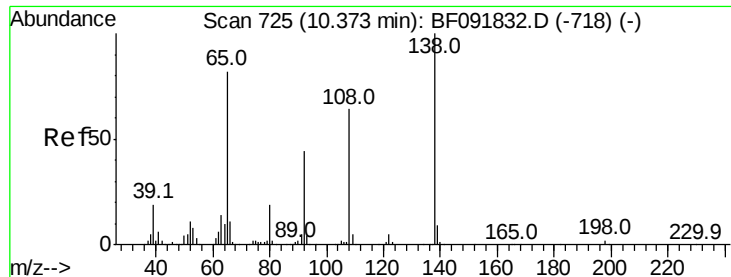


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

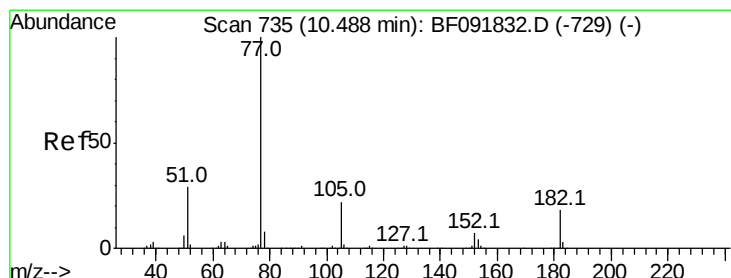
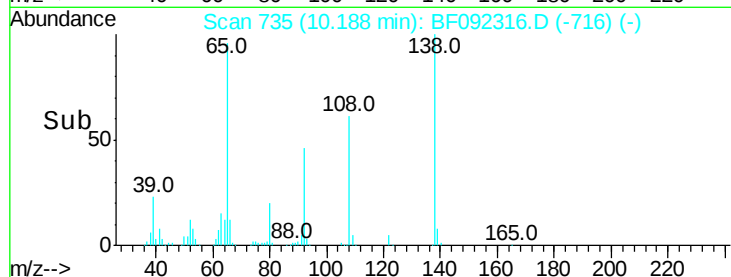
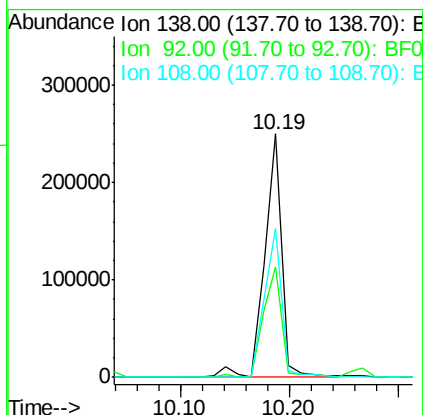
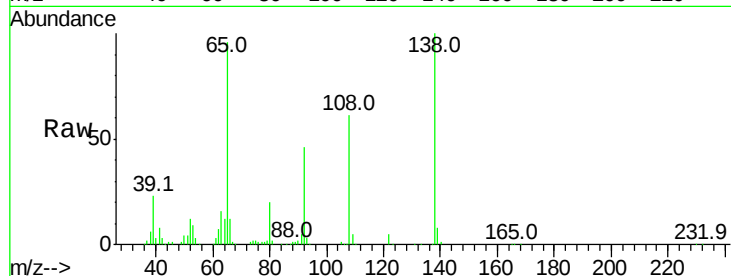




#61
4-Nitroaniline
Concen: 37.82 ng
RT: 10.19 min Scan# 735
Delta R.T. -0.08 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

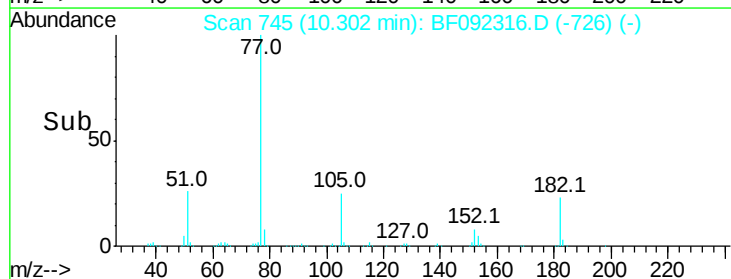
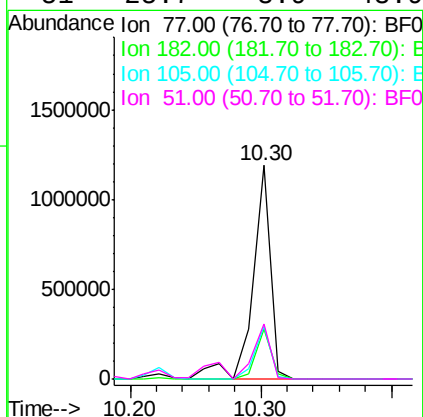
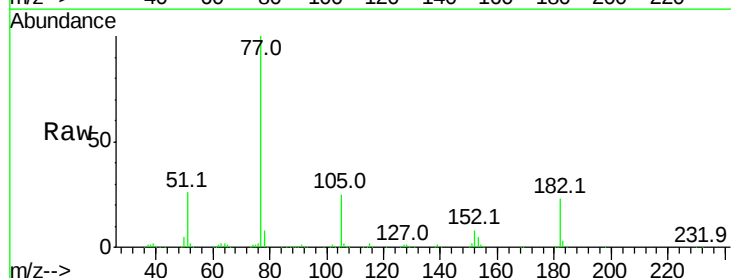
Instrument :
BNA_F
ClientSampleId :

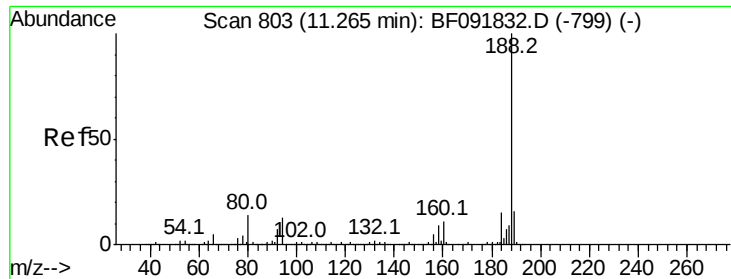
Tot Ion:138 Resp: 276549
Ion Ratio Lower Upper
138 100
92 45.6 31.7 71.7
108 61.1 52.6 92.6



#62
Azobenzene
Concen: 40.72 ng
RT: 10.30 min Scan# 745
Delta R.T. -0.08 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion: 77 Resp: 1134129
Ion Ratio Lower Upper
77 100
182 23.2 0.0 39.3
105 24.6 2.3 42.3
51 25.7 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 813

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

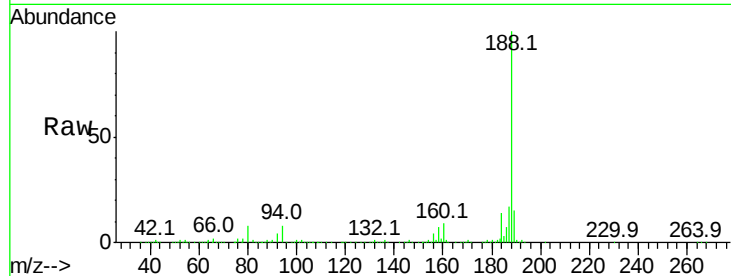
Tot Ion:188 Resp: 735990

Ion Ratio Lower Upper

188 100

94 7.5 10.0 15.0#

80 7.5 11.2 16.8#



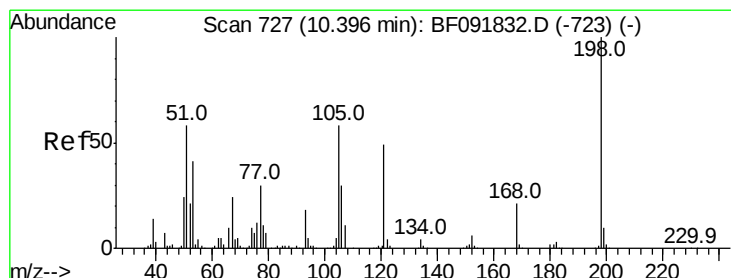
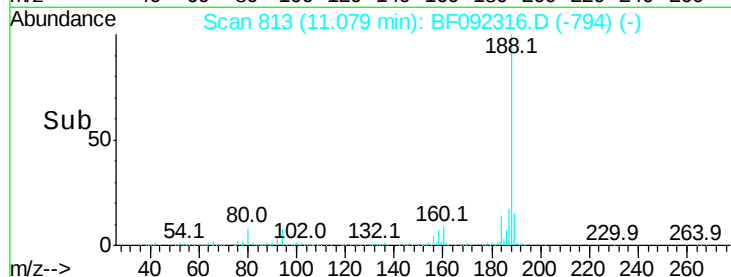
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.08

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 32.05 ng

RT: 10.22 min Scan# 738

Delta R.T. -0.07 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

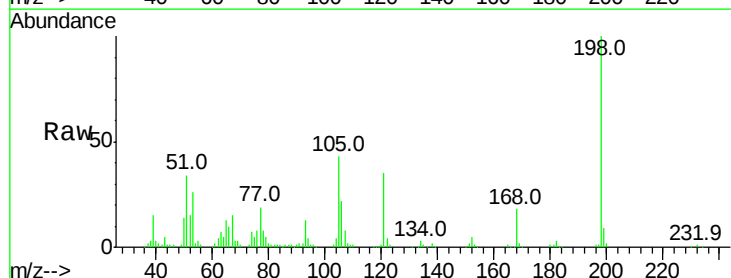
Tgt Ion:198 Resp: 142635

Ion Ratio Lower Upper

198 100

51 34.5 6.7 46.7

105 42.8 16.6 56.6



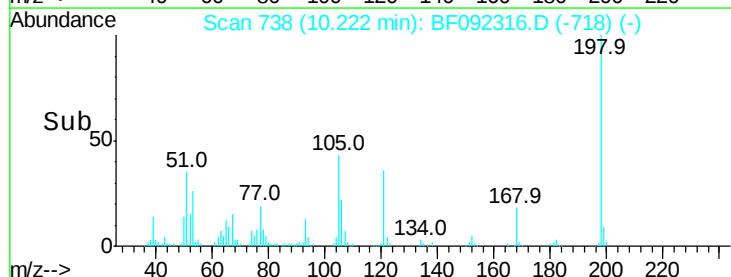
Abundance Ion 198.00 (197.70 to 198.70): E

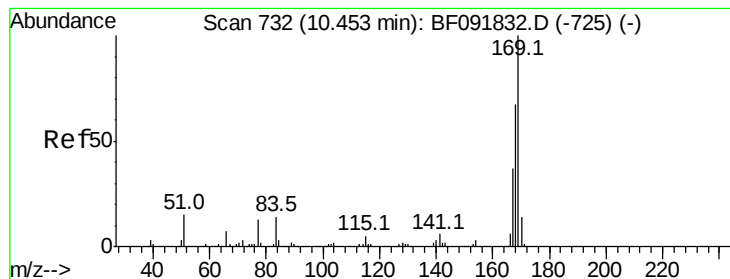
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.22

Time-->





#65

n-Nitrosodiphenylamine

Concen: 37.65 ng

RT: 10.27 min Scan# 742

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

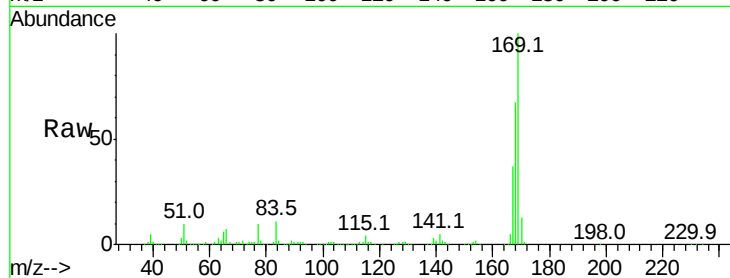
Tot Ion:169 Resp: 822319

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

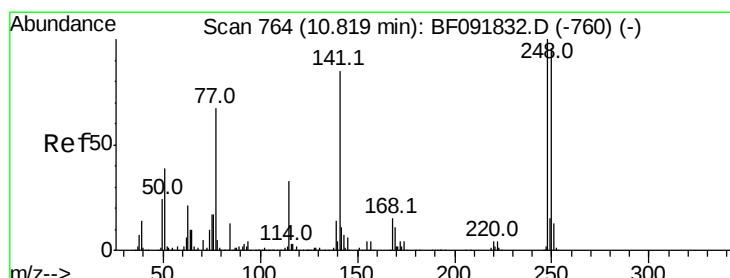
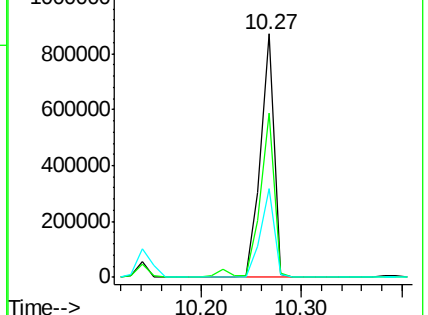
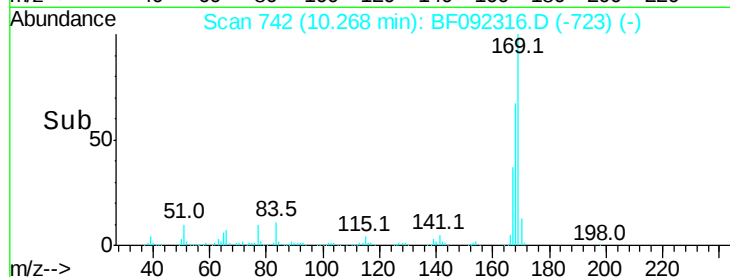
167 36.6 30.2 45.4



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: 34.64 ng

RT: 10.63 min Scan# 774

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

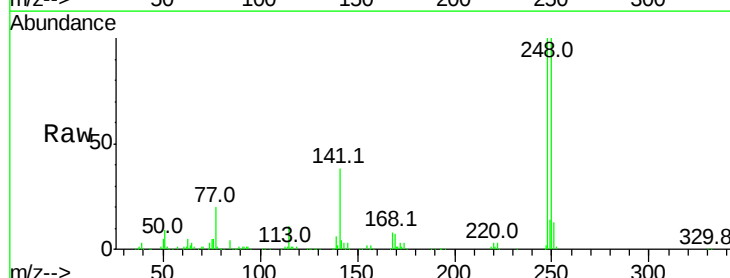
Tgt Ion:248 Resp: 265174

Ion Ratio Lower Upper

248 100

250 100.1 76.9 115.3

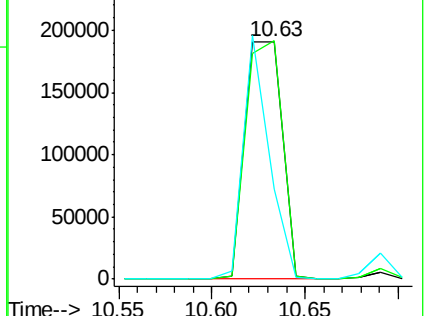
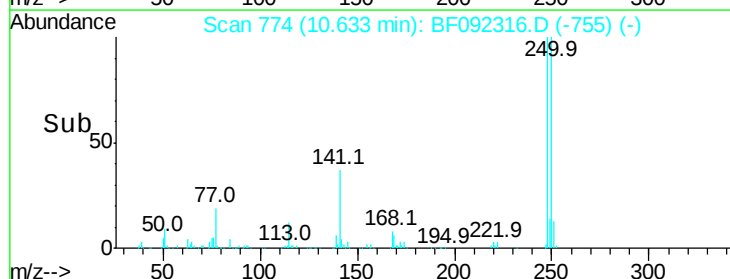
141 37.7 68.2 102.4#

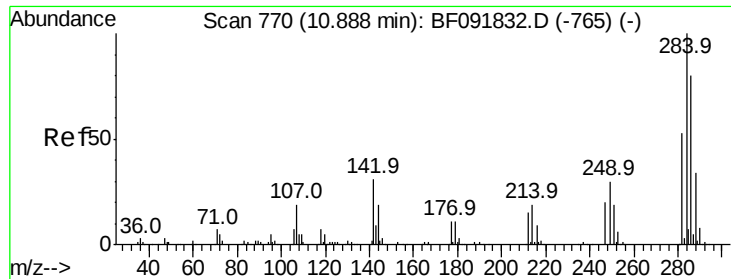


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

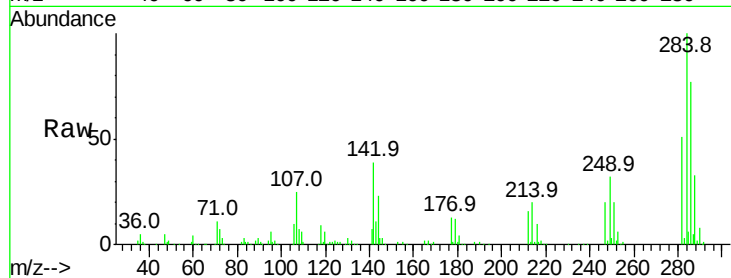




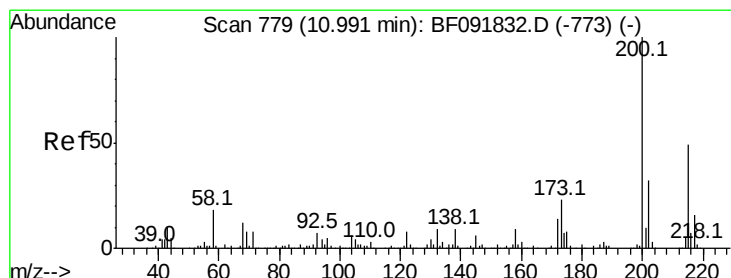
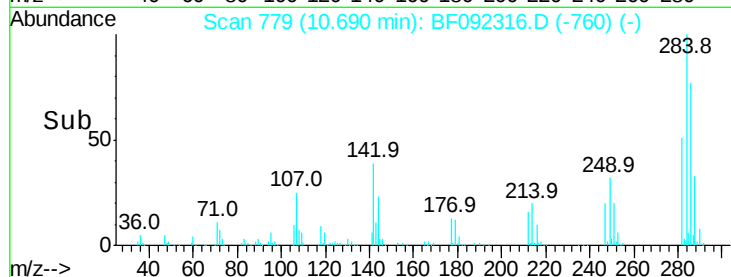
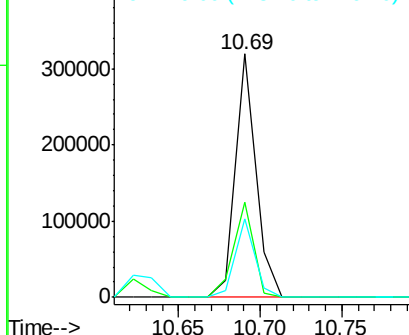
#67
Hexachlorobenzene
Concen: 33.69 ng
RT: 10.69 min Scan# 779
Delta R.T. -0.08 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 275733
Ion Ratio Lower Upper
284 100
142 39.2 22.6 33.8#
249 32.3 25.4 38.0

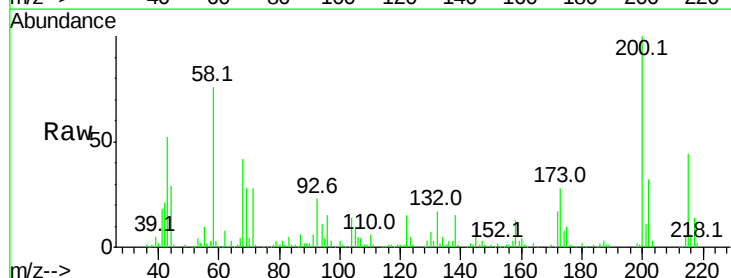


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

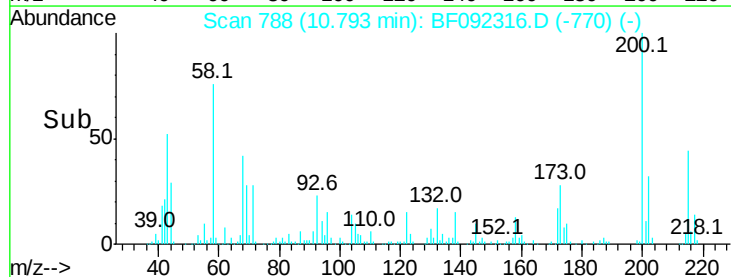
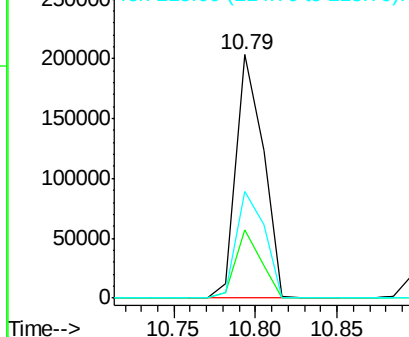


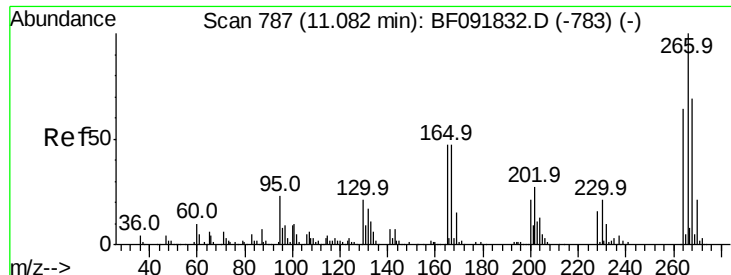
#68
Atrazine
Concen: 33.16 ng
RT: 10.79 min Scan# 788
Delta R.T. -0.09 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:200 Resp: 233574
Ion Ratio Lower Upper
200 100
173 27.8 9.6 49.6
215 43.8 25.7 65.7



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

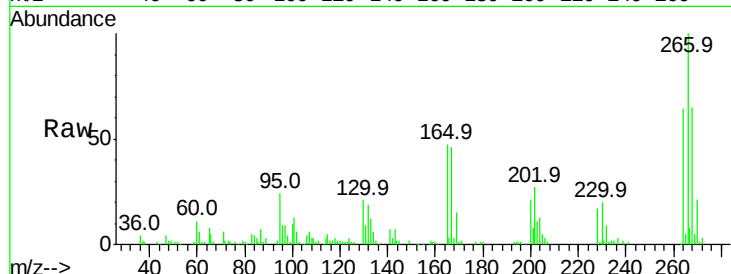




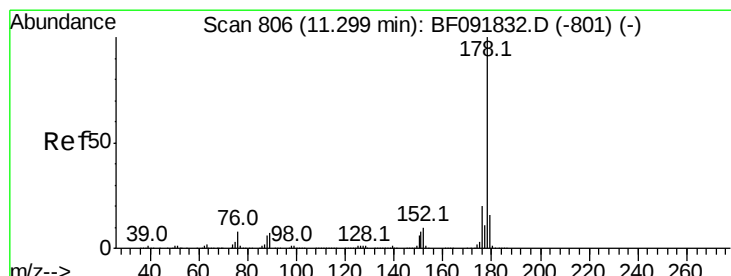
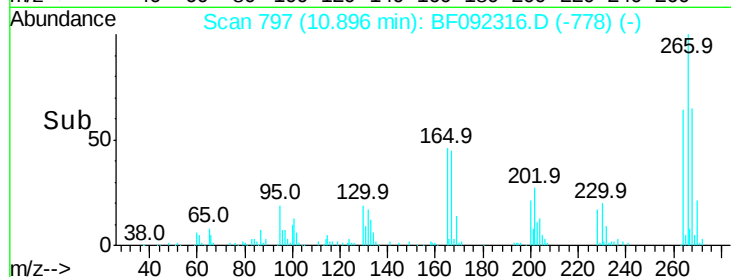
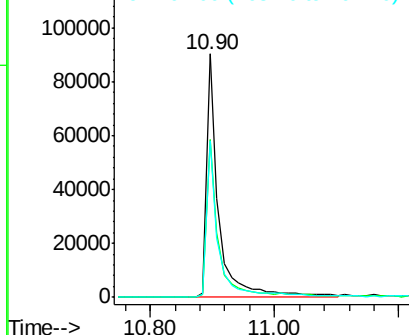
#69
 Pentachlorophenol
 Concen: 30.65 ng
 RT: 10.90 min Scan# 797
 Delta R.T. -0.08 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	53.3	79.9
264	64.4	50.3	75.5

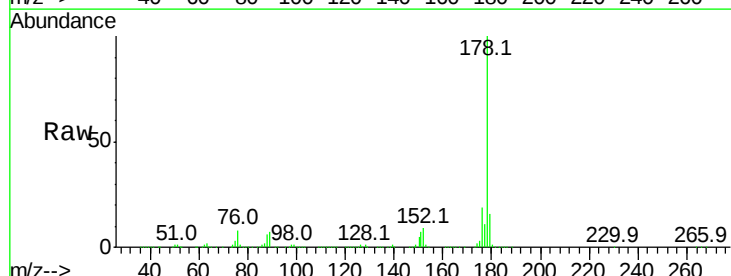


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

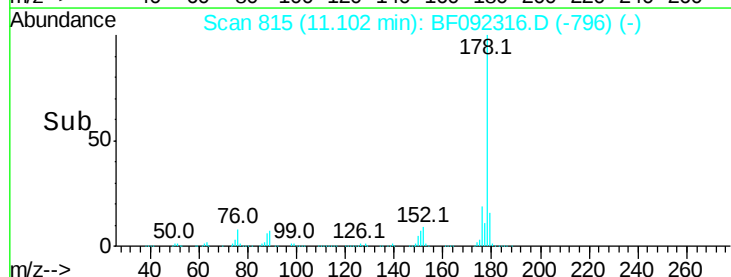
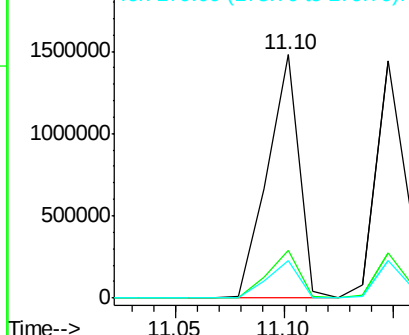


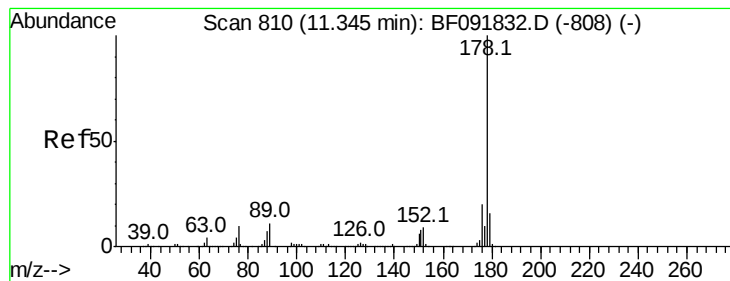
#70
 Phenanthrene
 Concen: 37.75 ng
 RT: 11.10 min Scan# 815
 Delta R.T. -0.08 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.7	12.8	19.2



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





#71

Anthracene

Concen: 36.50 ng

RT: 11.15 min Scan# 819

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

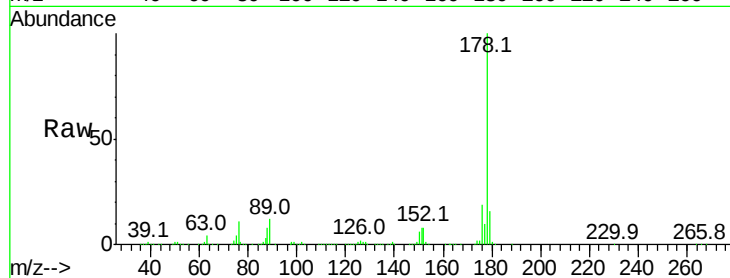
Tot Ion:178 Resp: 1376436

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

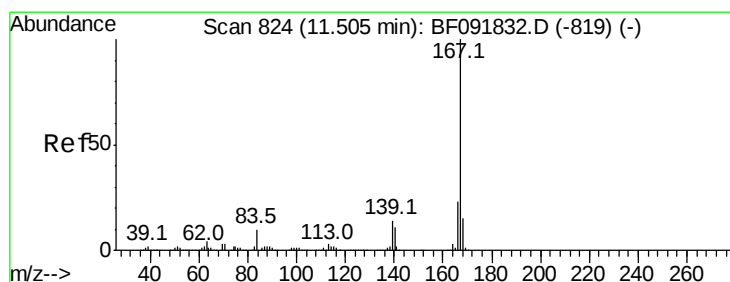
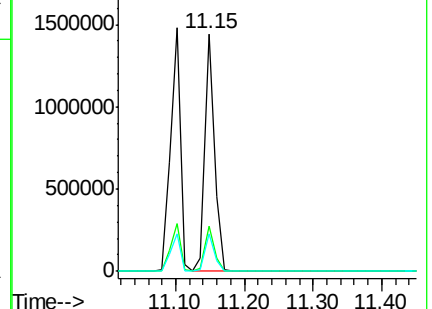
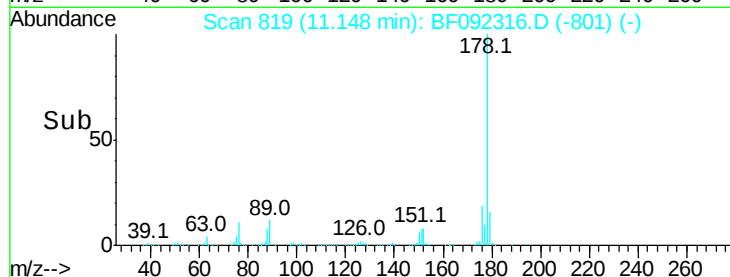
179 16.0 13.2 19.8



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: 36.85 ng

RT: 11.31 min Scan# 833

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

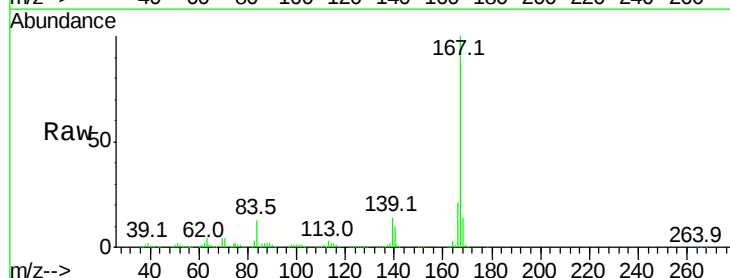
Tgt Ion:167 Resp: 1308876

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.2

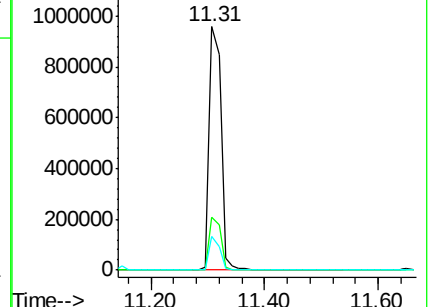
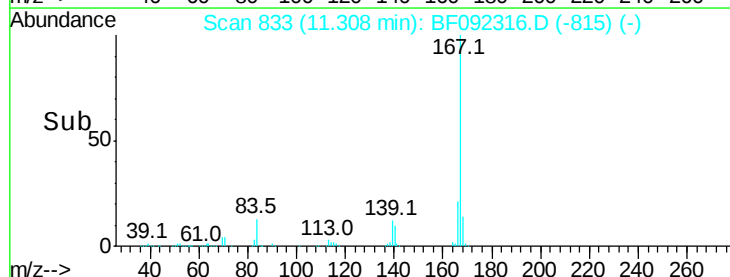
139 13.9 11.4 17.2

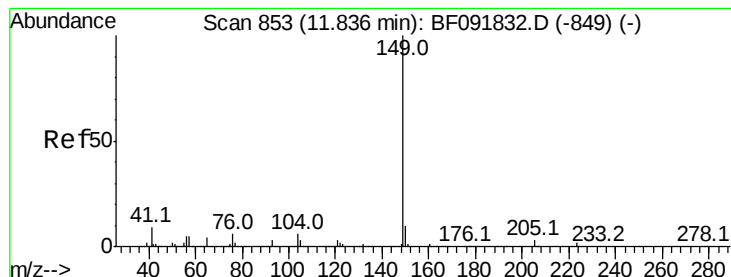


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.78 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampled :

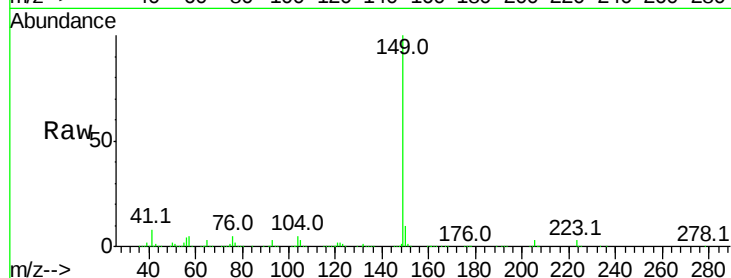
Tot Ion:149 Resp: 1625481

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

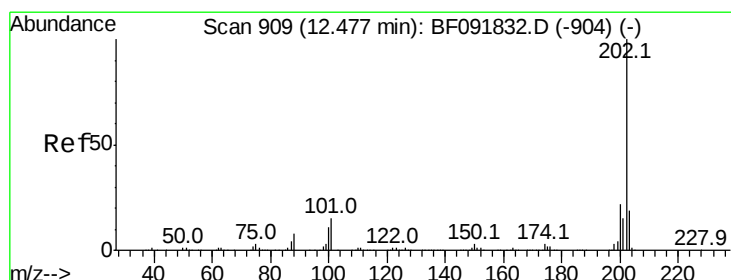
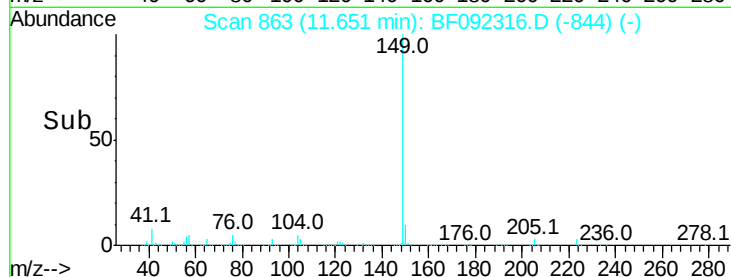
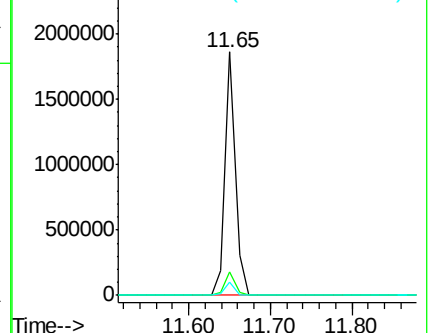
104 5.2 4.6 7.0



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: 35.06 ng

RT: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

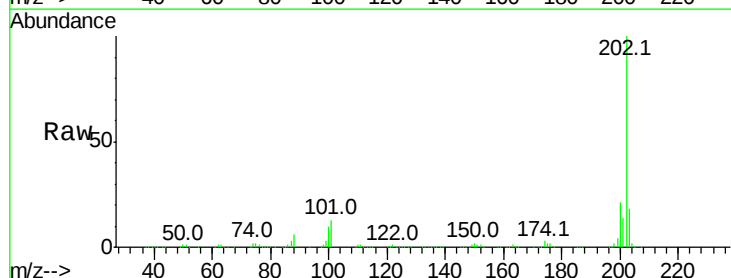
Tgt Ion:202 Resp: 1257239

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.6

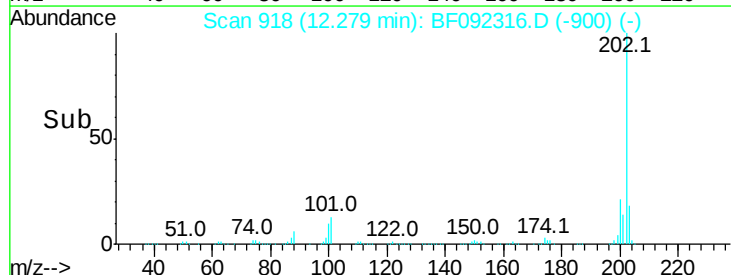
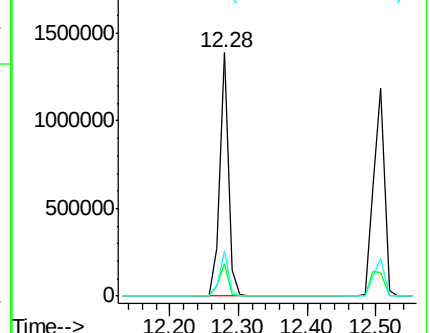
203 18.4 0.0 38.7

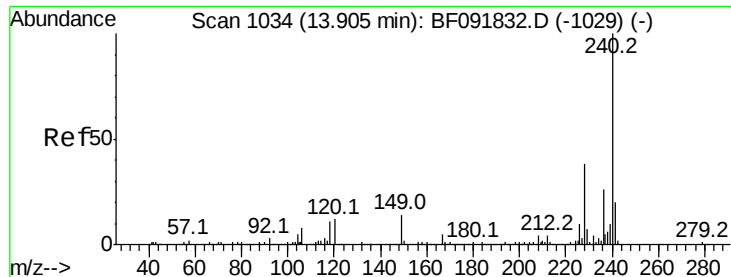


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

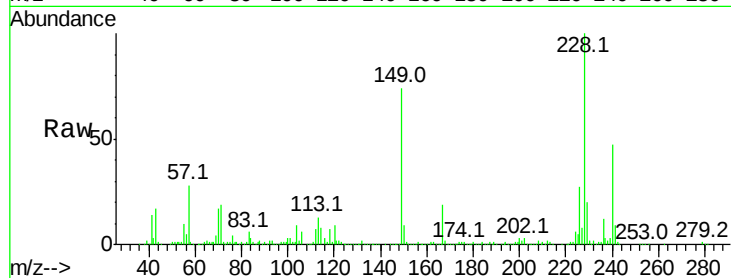
Tot Ion:240 Resp: 397122

Ion Ratio Lower Upper

240 100

120 18.1 12.9 19.3

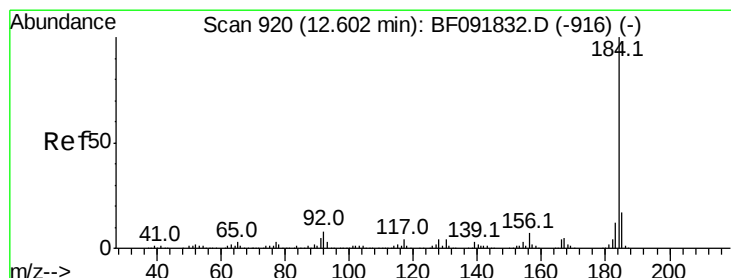
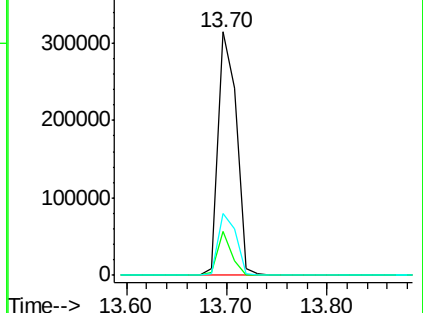
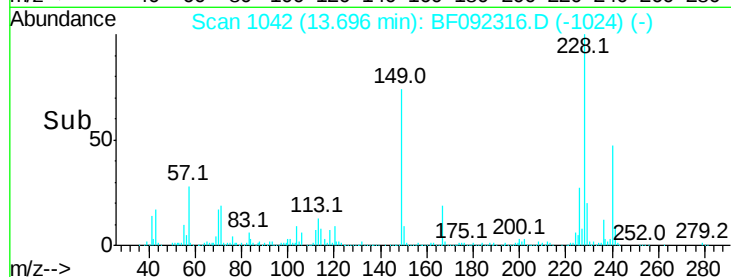
236 25.5 20.9 31.3



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: 6.84 ng

RT: 12.42 min Scan# 930

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

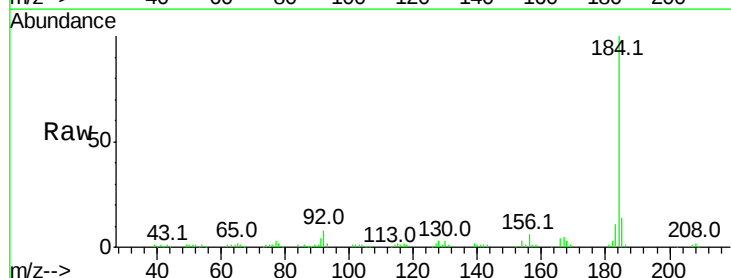
Tgt Ion:184 Resp: 103103

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

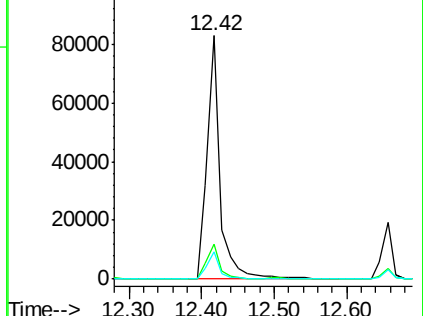
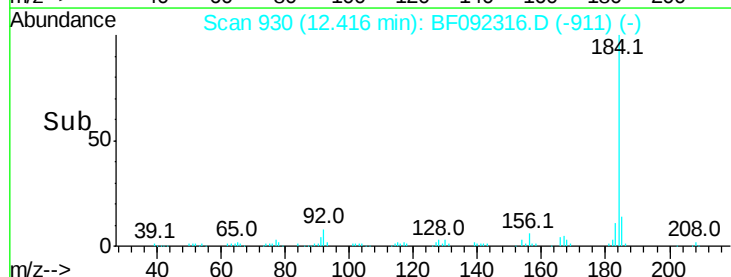
183 11.4 9.2 13.8

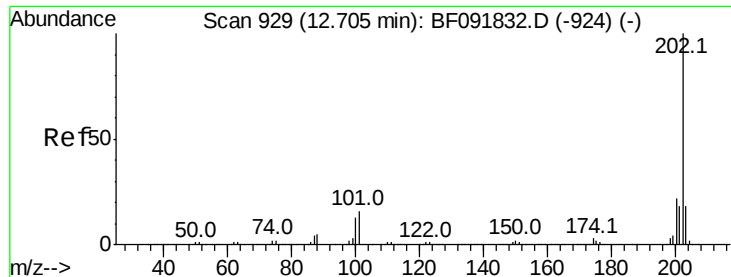


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

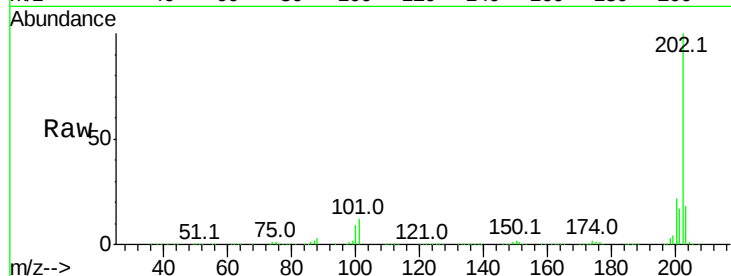




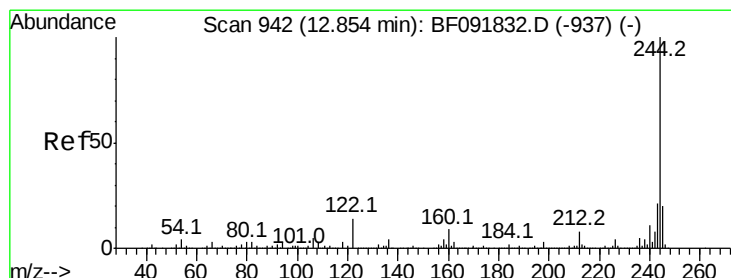
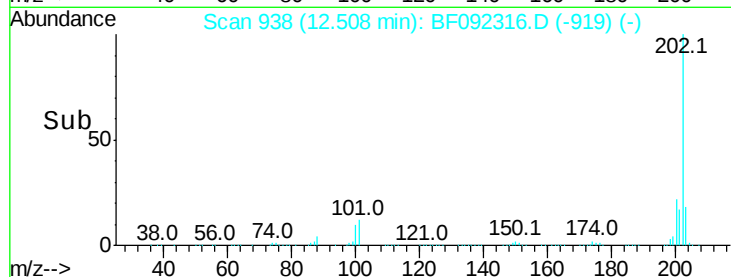
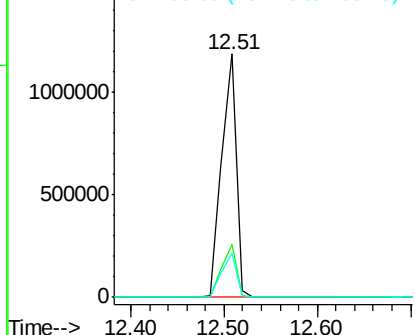
#77
Pvrene
Concen: 44.01 ng
RT: 12.51 min Scan# 938
Delta R.T. -0.08 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1282195
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.9 14.7 22.1

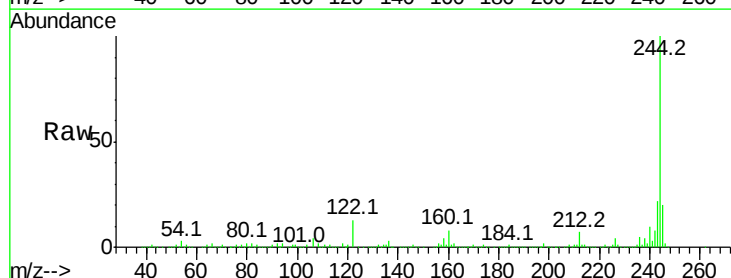


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

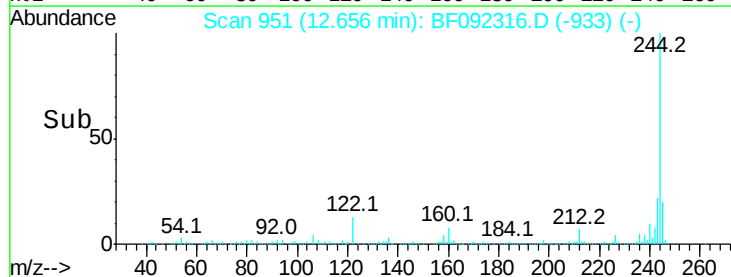
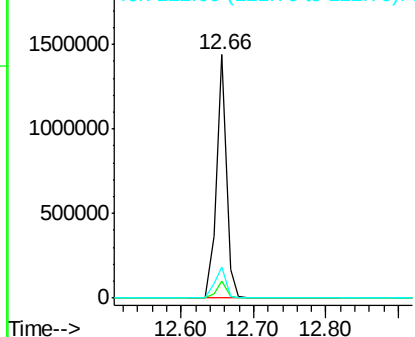


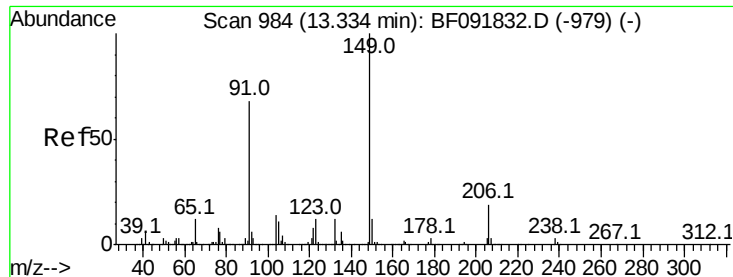
#78
Terphenyl-d14
Concen: 83.60 ng
RT: 12.66 min Scan# 951
Delta R.T. -0.09 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:244 Resp: 1368879
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 12.8 11.4 17.2



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

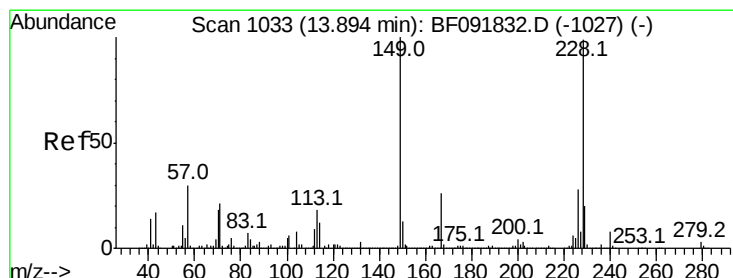
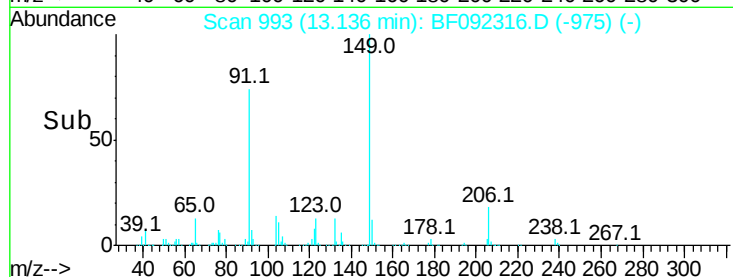
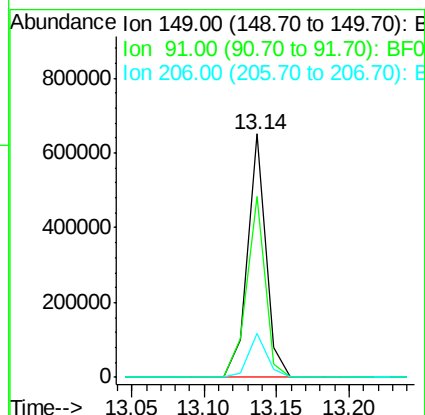
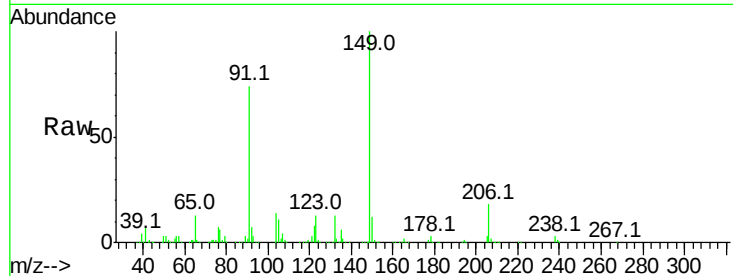




#79
 Butylbenzylphthalate
 Concen: 43.11 ng
 RT: 13.14 min Scan# 993
 Delta R.T. -0.09 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

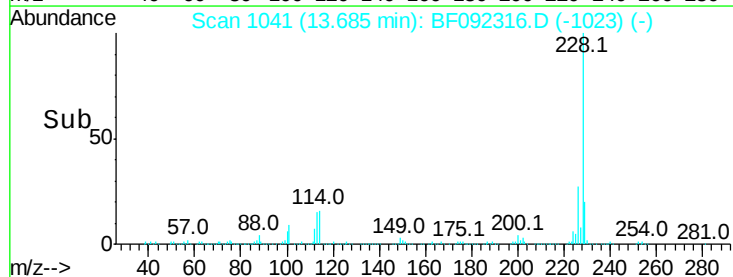
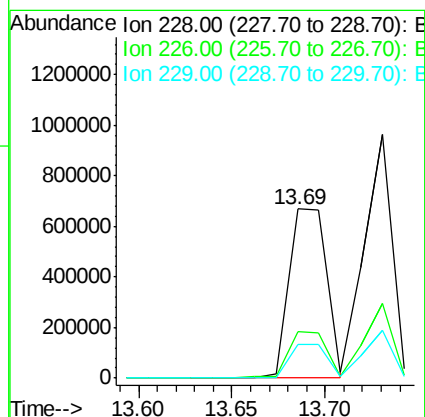
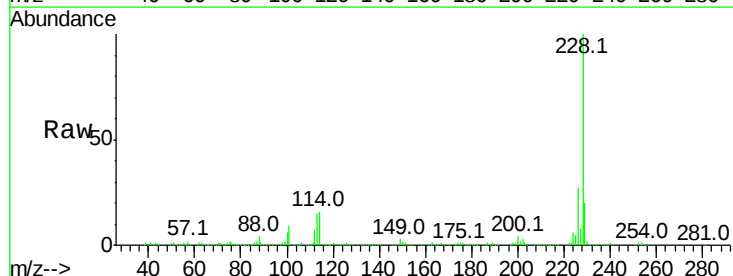
Instrument :
 BNA_F
 ClientSampleId :

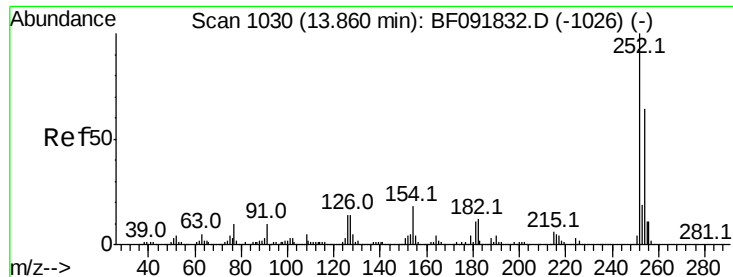
Tot Ion:149 Resp: 571342
 Ion Ratio Lower Upper
 149 100
 91 74.1 63.9 95.9
 206 18.1 14.6 21.8



#80
 Benzo(a)anthracene
 Concen: 42.09 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. -0.09 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion:228 Resp: 943480
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.4 33.6
 229 20.3 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 41.52 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.09 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

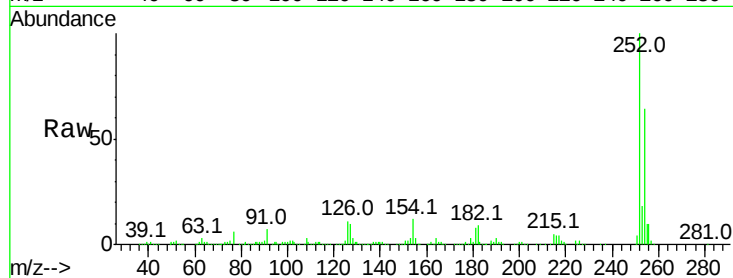
Tot Ion:252 Resp: 352931

Ion Ratio Lower Upper

252 100

254 63.9 52.3 78.5

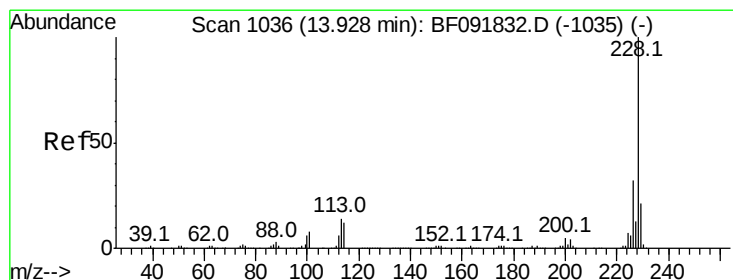
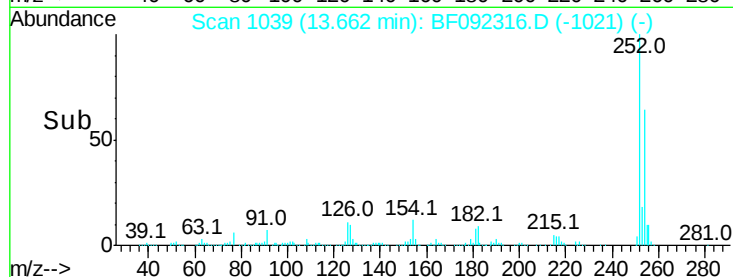
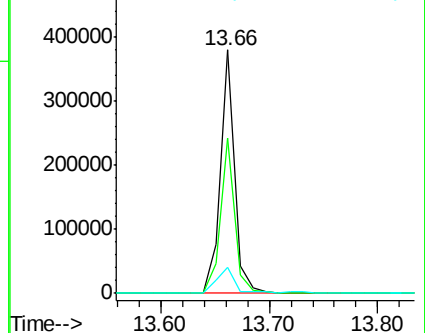
126 10.9 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.58 ng

RT: 13.73 min Scan# 1045

Delta R.T. -0.08 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

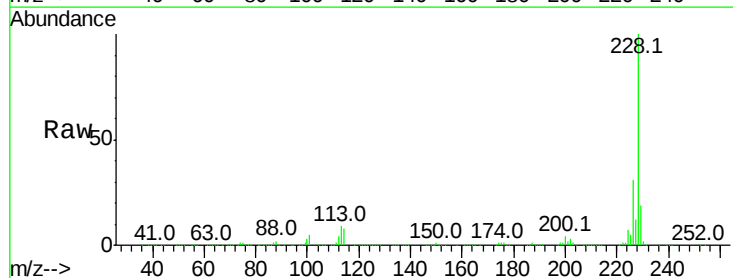
Tgt Ion:228 Resp: 1002412

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

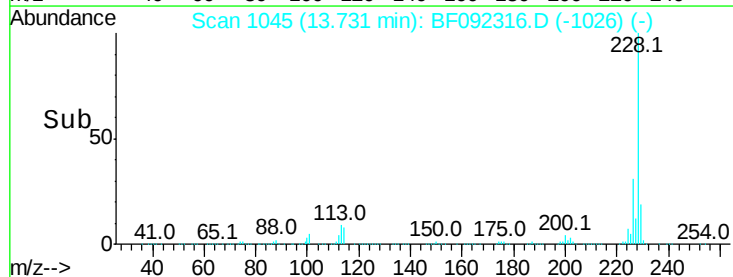
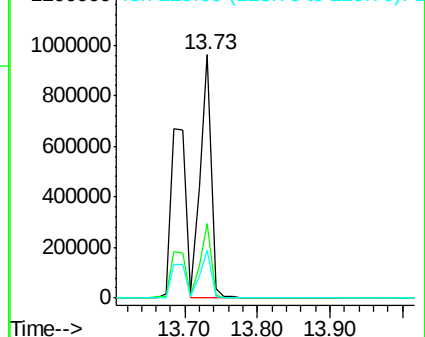
229 19.4 16.2 24.2

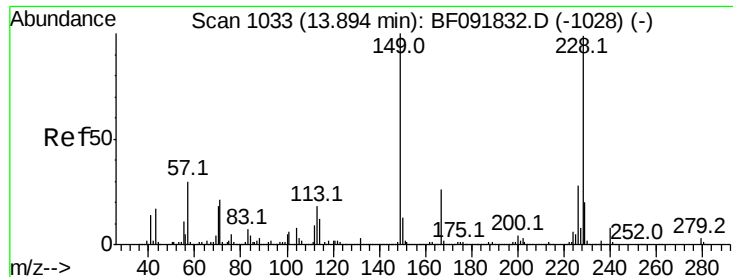


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

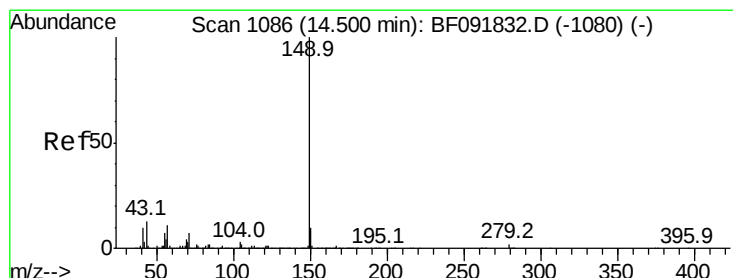
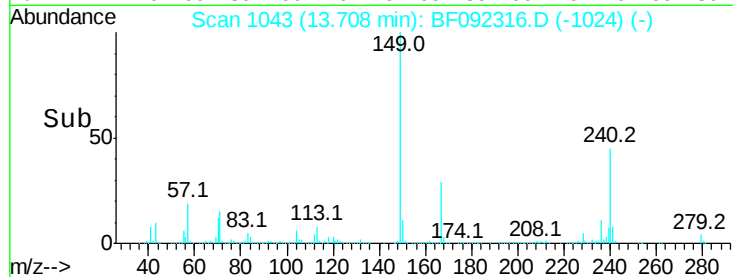
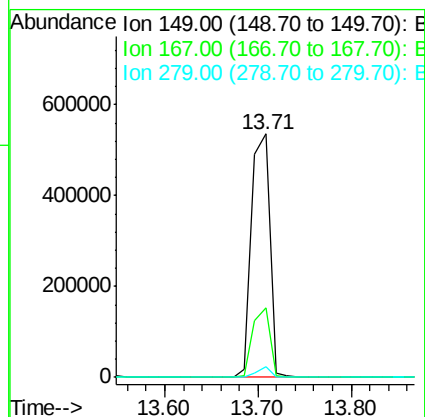
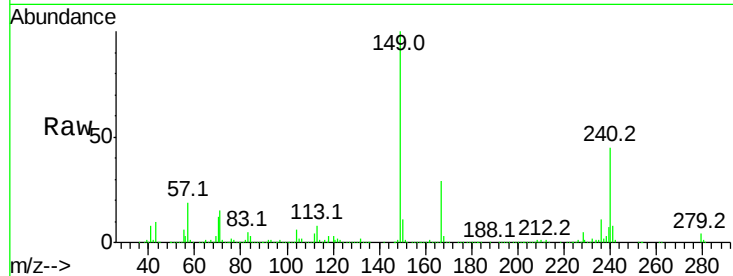




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.69 ng
 RT: 13.71 min Scan# 1043
 Delta R.T. -0.08 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

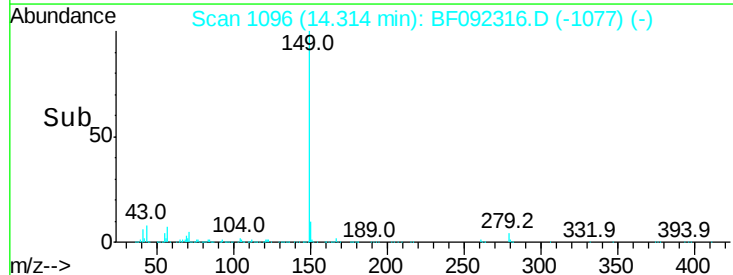
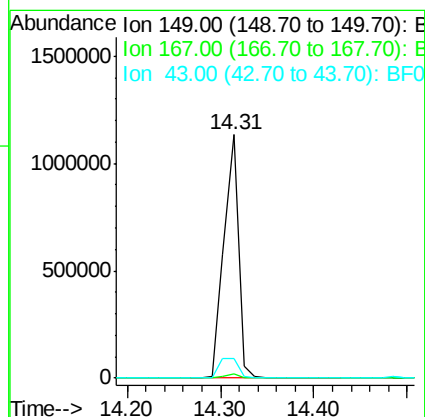
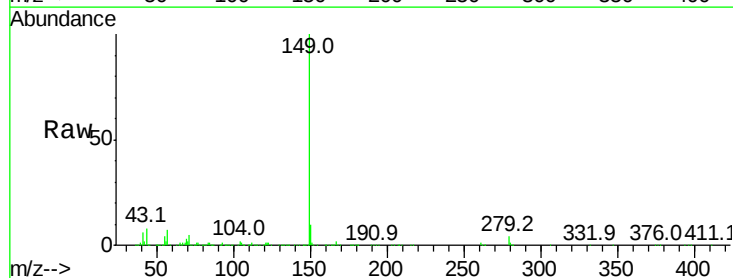
Instrument :
 BNA_F
 ClientSampleId :

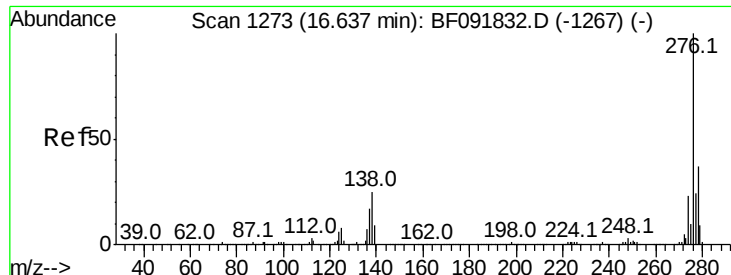
Tot Ion:149 Resp: 728729
 Ion Ratio Lower Upper
 149 100
 167 28.7 20.2 30.4
 279 4.2 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 42.37 ng
 RT: 14.31 min Scan# 1096
 Delta R.T. -0.08 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion:149 Resp: 1224954
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.9 8.9 13.3



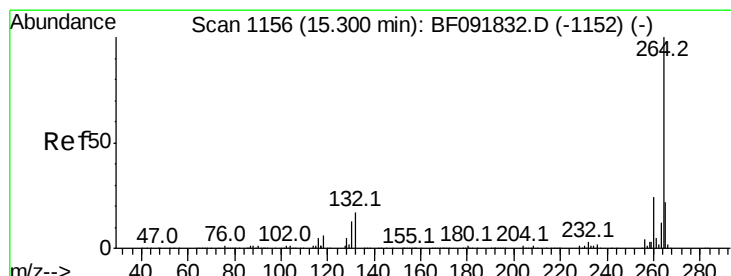
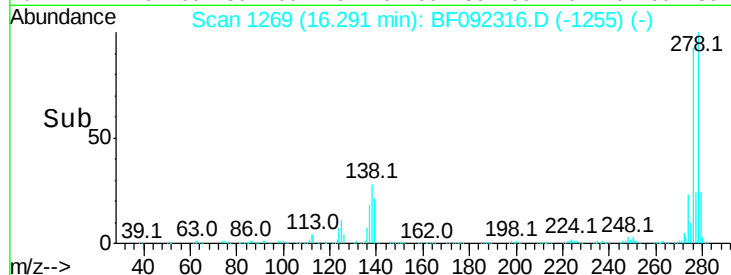
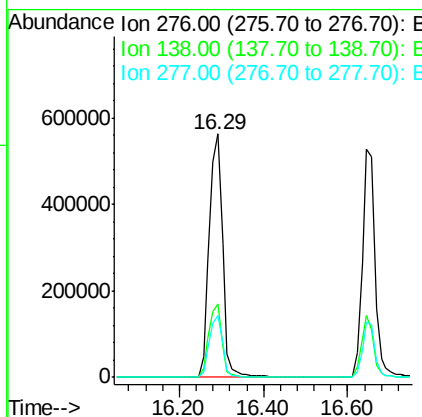
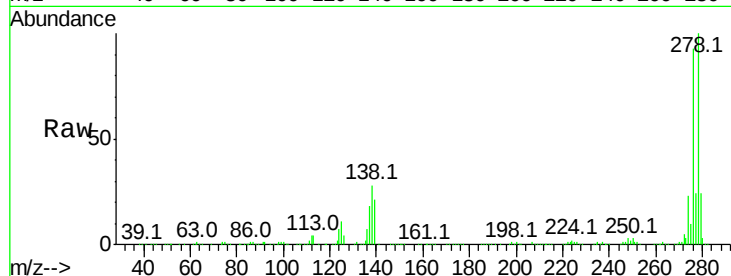


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.91 ng
 RT: 16.29 min Scan# 1269
 Delta R.T. -0.13 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1244911

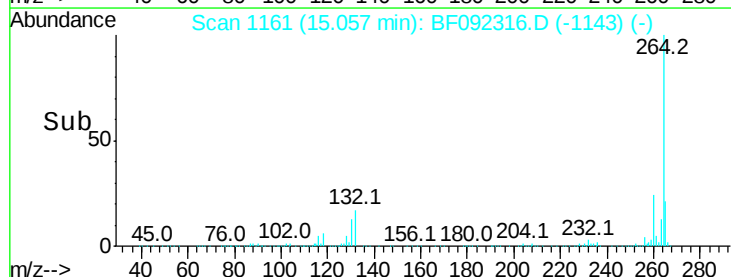
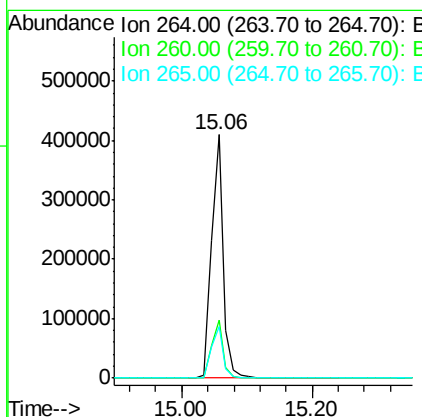
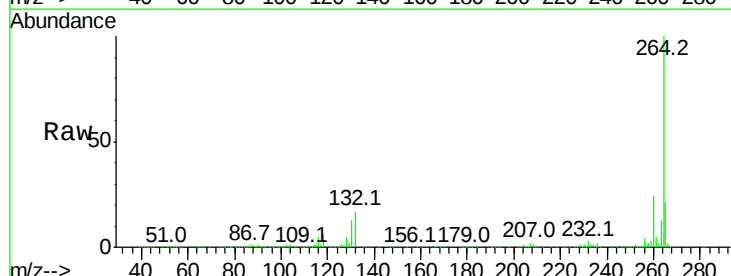
Ion	Ratio	Lower	Upper
276	100		
138	29.6	21.8	32.6
277	25.3	20.2	30.4

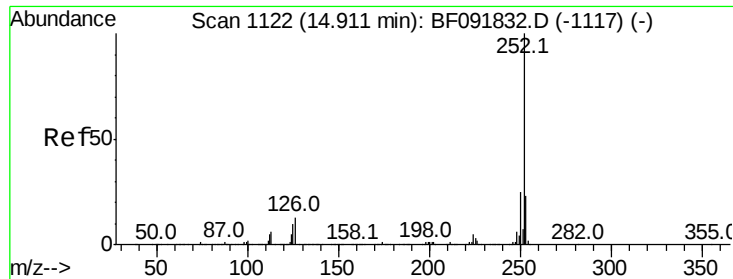


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion:264 Resp: 517843

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 61.89 ng

RT: 14.69 min Scan# 1129

Delta R.T. -0.09 min

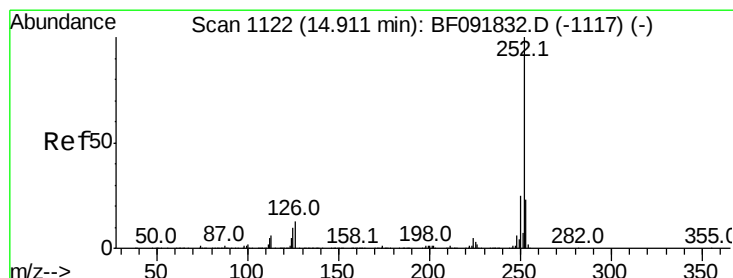
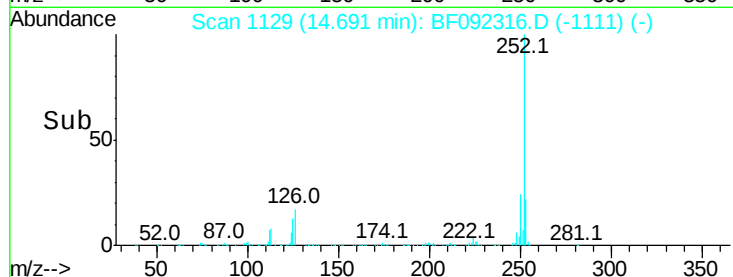
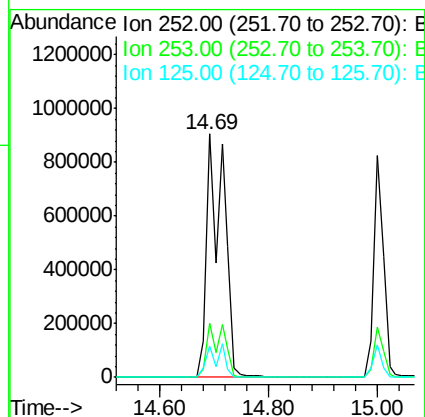
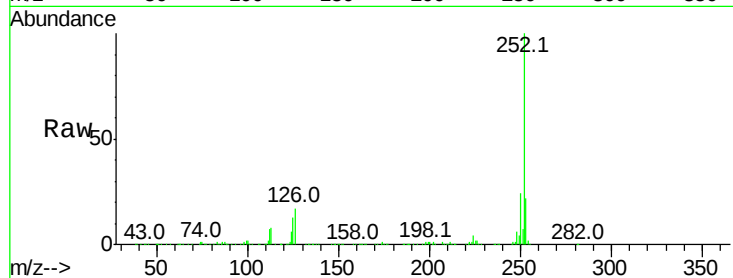
Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1995358

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.8	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 72.58 ng

RT: 14.69 min Scan# 1129

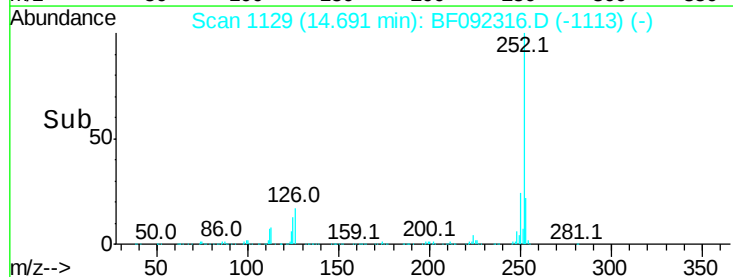
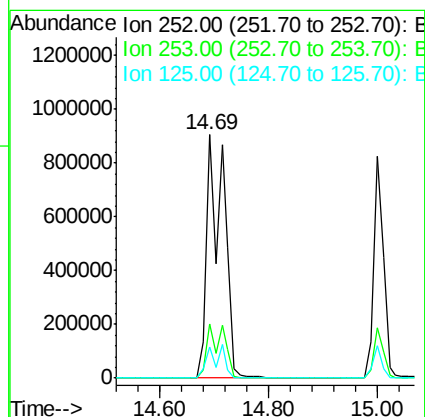
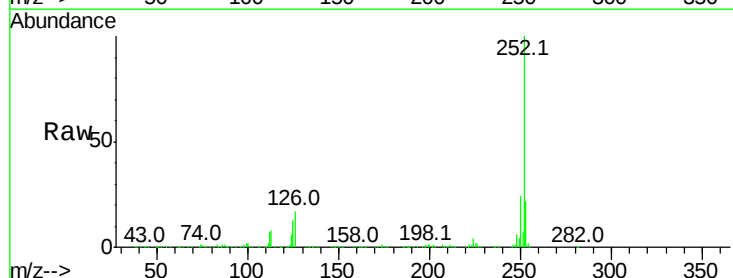
Delta R.T. -0.11 min

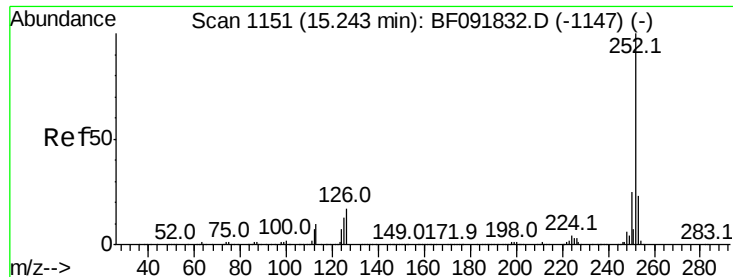
Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion:252 Resp: 1995358

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	12.8	8.9	13.3

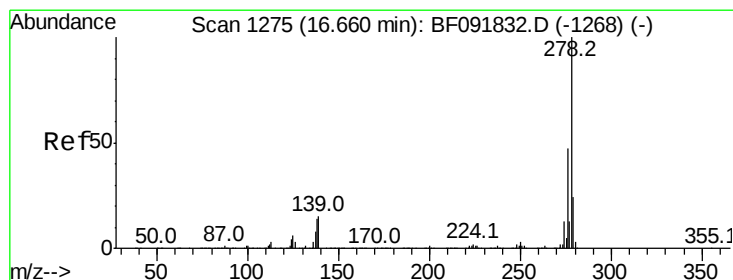
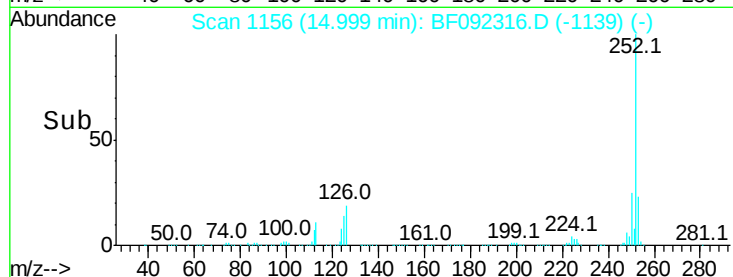
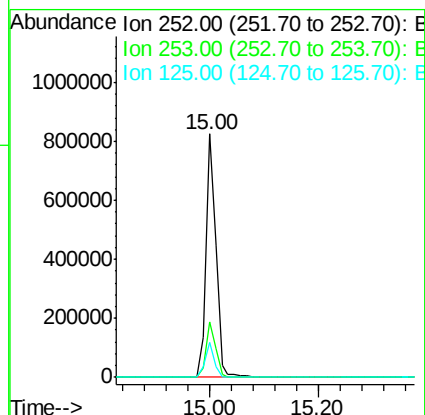
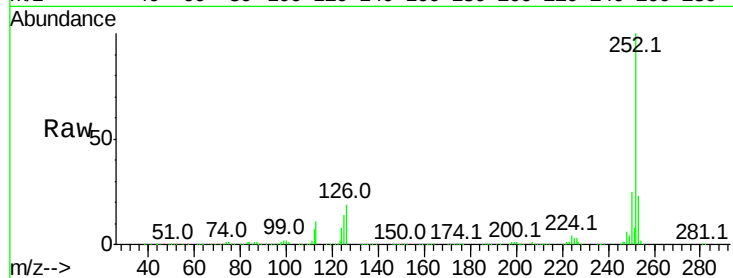




#89
Benzo(a)pyrene
Concen: 35.68 ng
RT: 15.00 min Scan# 1156
Delta R.T. -0.10 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

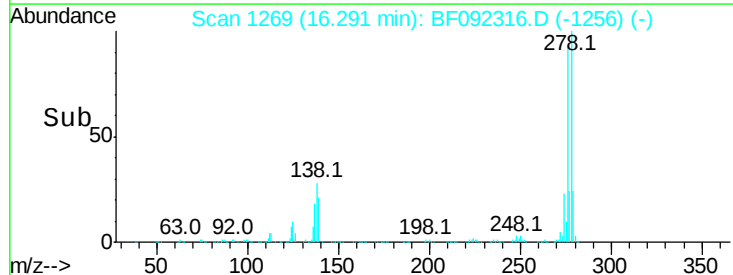
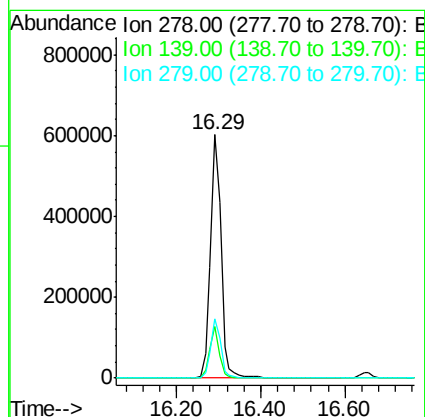
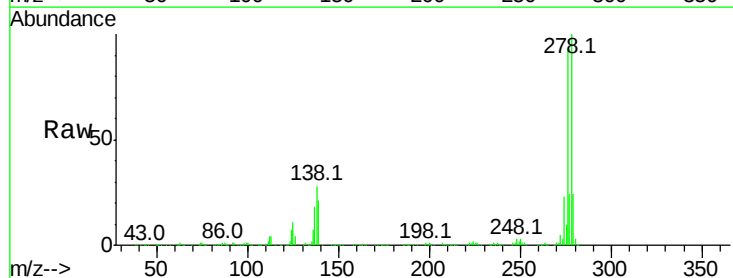
Instrument :
BNA_F
ClientSampleId :

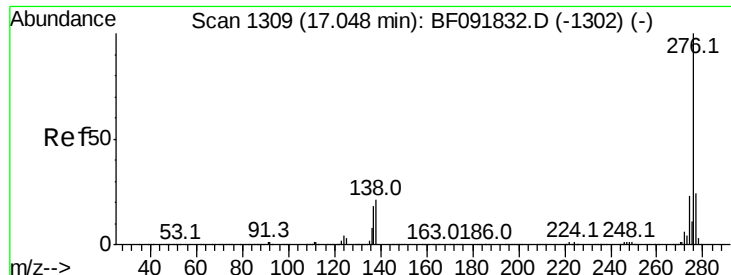
Tot Ion:252 Resp: 1021104
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 14.5 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 44.79 ng
RT: 16.29 min Scan# 1269
Delta R.T. -0.15 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:278 Resp: 1053501
Ion Ratio Lower Upper
278 100
139 21.1 14.8 22.2
279 24.4 19.8 29.6

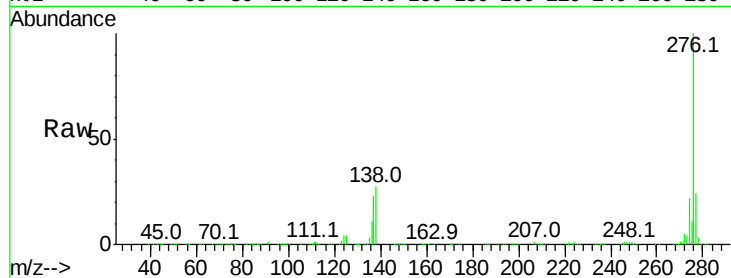




#91
 Benzo(a,h,i)perylene
 Concen: 45.73 ng
 RT: 16.65 min Scan# 1300
 Delta R.T. -0.16 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1118452
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.2 28.8
 138 27.2 16.0 24.0#



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

