

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092285.D
 Acq On : 16 Jan 2017 15:18
 Operator : UM/SJ
 Sample : PB96012BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Quant Time: Jan 17 00:42:14 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	239725	20.00	ng	-0.08
21) Naphthalene-d8	7.86	136	1095531	20.00	ng	-0.08
38) Acenaphthene-d10	9.60	164	608474	20.00	ng	-0.08
63) Phenanthrene-d10	11.08	188	1014296	20.00	ng	-0.08
75) Chrysene-d12	13.71	240	649898	20.00	ng	-0.08
86) Perylene-d12	15.06	264	772089	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	2037467	141.91	ng	-0.07
7) Phenol-d6	6.24	99	2490081	142.06	ng	-0.07
23) Nitrobenzene-d5	7.15	82	1637427	83.11	ng	-0.07
41) 2,4,6-Tribromophenol	10.39	330	594100	117.98	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	2659710	90.38	ng	-0.08
78) Terphenyl-d14	12.67	244	2628390	98.09	ng	-0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	275619	38.99	ng	96
3) Pyridine	2.69	79	818804	33.19	ng	98
4) n-Nitrosodimethylamine	2.67	42	364277	39.15	ng	98
6) Aniline	6.23	93	574544	25.24	ng	# 60
8) 2-Chlorophenol	6.36	128	755012	46.23	ng	92
9) Benzaldehyde	6.11	77	31771	2.20	ng	85
10) Phenol	6.26	94	1015976	50.86	ng	# 65
11) bis(2-Chloroethyl)ether	6.31	93	713180	44.87	ng	99
12) 1,3-Dichlorobenzene	6.50	146	735487	42.19	ng	# 89
13) 1,4-Dichlorobenzene	6.58	146	726828	40.96	ng	99
14) 1,2-Dichlorobenzene	6.74	146	658034	42.74	ng	99
15) Benzyl Alcohol	6.74	79	626266	45.98	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1024624	43.29	ng	# 34
17) 2-Methylphenol	6.86	107	625332	47.61	ng	# 91
18) Hexachloroethane	7.07	117	280957	42.71	ng	# 85
19) n-Nitroso-di-n-propylamine	7.00	70	539615	46.27	ng	99
20) 3+4-Methylphenols	7.02	107	864050	55.16	ng	# 72
22) Acetophenone	6.99	105	1109113	41.05	ng	# 93
24) Nitrobenzene	7.16	77	769530	36.67	ng	96
25) Isophorone	7.41	82	1590171	43.75	ng	99
26) 2-Nitrophenol	7.48	139	452857	43.76	ng	91
27) 2,4-Dimethylphenol	7.54	122	690018	40.20	ng	98
28) bis(2-Chloroethoxy)methane	7.62	93	1023284	46.42	ng	99
29) 2,4-Dichlorophenol	7.73	162	667147	45.90	ng	90
30) 1,2,4-Trichlorobenzene	7.80	180	660923	41.50	ng	96
31) Naphthalene	7.88	128	2315670	46.18	ng	99
32) Benzoic acid	7.72	122	538709	42.32	ng	98
33) 4-Chloroaniline	7.94	127	391507	17.32	ng	98
34) Hexachlorobutadiene	7.99	225	348678	41.48	ng	99
35) Caprolactam	8.32	113	132340	27.71	ng	# 64
36) 4-Chloro-3-methylphenol	8.45	107	724276	43.31	ng	97
37) 2-Methylnaphthalene	8.56	142	1357012	44.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	620575	40.37	ng	99
40) Hexachlorocyclopentadiene	8.72	237	508135	74.51	ng	99

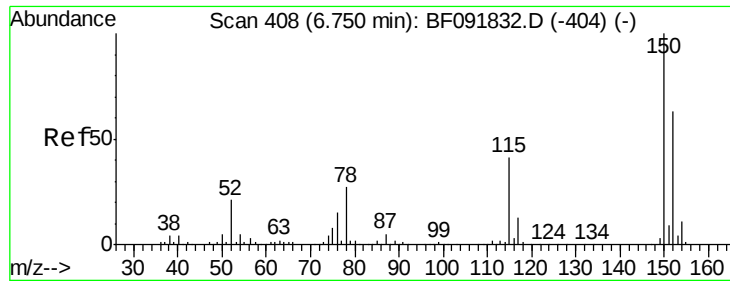
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	423643	39.40	ng	98
43) 2,4,5-Trichlorophenol	8.91	196	394653	35.67	ng	95
45) 1,1'-Biphenyl	9.03	154	1791887	43.01	ng	98
46) 2-Chloronaphthalene	9.06	162	1395667	42.30	ng	99
47) 2-Nitroaniline	9.16	65	424667	36.15	ng	100
48) Acenaphthylene	9.47	152	2123916	41.86	ng	99
49) Dimethylphthalate	9.35	163	1762215	45.28	ng	99
50) 2,6-Dinitrotoluene	9.41	165	407959	47.89	ng	94
51) Acenaphthene	9.64	154	1432871	41.65	ng	100
52) 3-Nitroaniline	9.57	138	227125	21.55	ng	98
53) 2,4-Dinitrophenol	9.70	184	458207	96.68	ng	# 81
54) Dibenzofuran	9.81	168	2016600	43.41	ng	97
55) 4-Nitrophenol	9.81	139	1365134	190.73	ng	# 9
56) 2,4-Dinitrotoluene	9.81	165	453192	42.39	ng	# 63
57) Fluorene	10.15	166	1593761	47.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	419103	47.89	ng	95
59) Diethylphthalate	10.04	149	1701480	45.02	ng	100
60) 4-Chlorophenyl-phenylether	10.14	204	606990	41.01	ng	97
61) 4-Nitroaniline	10.20	138	495770	45.38	ng	85
62) Azobenzene	10.30	77	1828658	43.95	ng	97
64) 4,6-Dinitro-2-methylphenol	10.23	198	305750	49.85	ng	91
65) n-Nitrosodiphenylamine	10.27	169	1322119	43.93	ng	99
66) 4-Bromophenyl-phenylether	10.63	248	488220	46.27	ng	# 84
67) Hexachlorobenzene	10.69	284	471515	41.81	ng	# 80
68) Atrazine	10.80	200	392370	40.41	ng	98
69) Pentachlorophenol	10.90	266	424627	76.73	ng	99
70) Phenanthrene	11.10	178	2134015	38.80	ng	99
71) Anthracene	11.16	178	2455043	54.04	ng	99
72) Carbazole	11.32	167	2280953	57.47	ng	99
73) Di-n-butylphthalate	11.65	149	2472380	47.69	ng	100
74) Fluoranthene	12.28	202	2133503	44.14	ng	99
76) Benzidine	12.42	184	861423	54.66	ng	96
77) Pyrene	12.51	202	2196201	46.06	ng	99
79) Butylbenzylphthalate	13.14	149	1063968	49.06	ng	97
80) Benzo(a)anthracene	13.70	228	1816699	49.52	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	444815	31.98	ng	98
82) Chrysene	13.73	228	1701646	46.24	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	1348587	52.80	ng	# 95
84) Di-n-octyl phthalate	14.31	149	2503972	52.93	ng	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	1671649	52.44	ng	98
87) Benzo(b)fluoranthene	14.73	252	3752968	78.07	ng	98
88) Benzo(k)fluoranthene	14.73	252	3754359	91.59	ng	99
89) Benzo(a)pyrene	15.01	252	1876996	43.99	ng	# 97
90) Dibenzo(a,h)anthracene	16.30	278	1371225	39.10	ng	# 96
91) Benzo(g,h,i)perylene	16.66	276	1422730	39.02	ng	# 95

(#) = 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: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampled :

PB96012BS

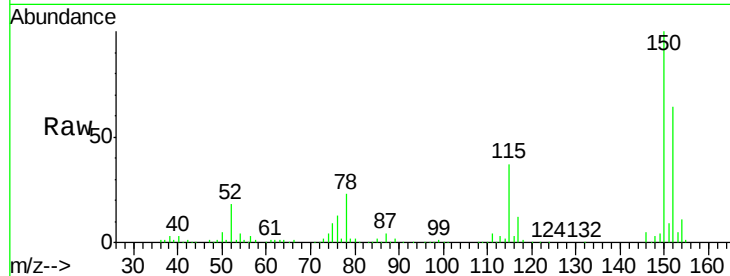
Tgt Ion:152 Resp: 239725

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

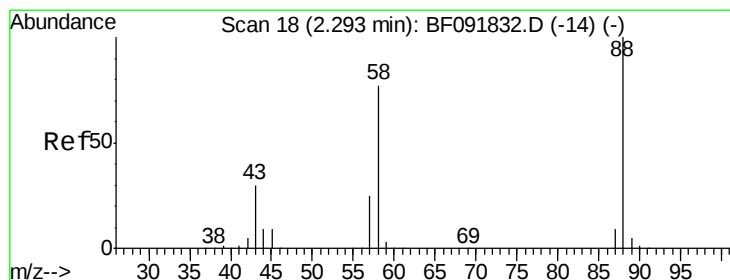
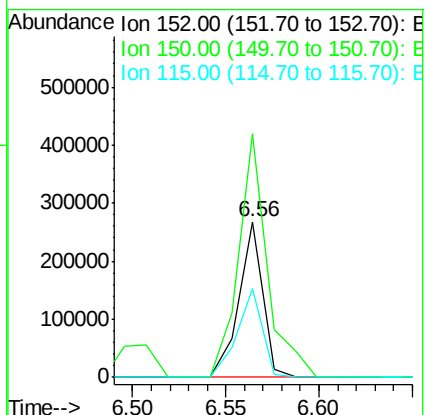
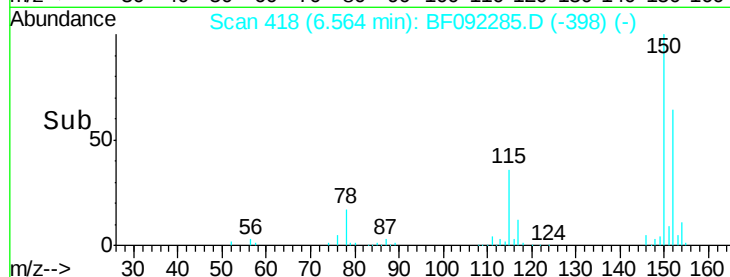
115 57.1 46.0 69.0



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: 38.99 ng

RT: 2.08 min Scan# 26

Delta R.T. 0.00 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

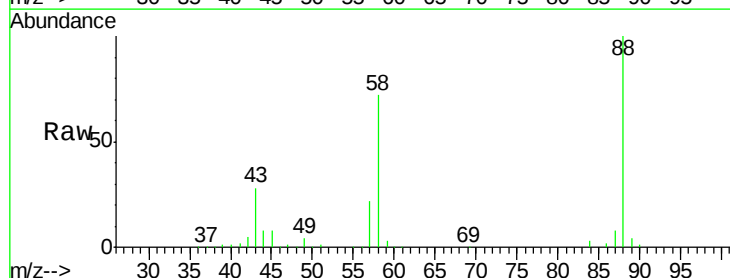
Tgt Ion: 88 Resp: 275619

Ion Ratio Lower Upper

88 100

58 77.2 57.8 86.8

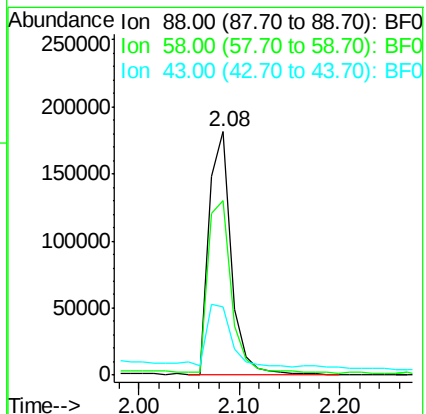
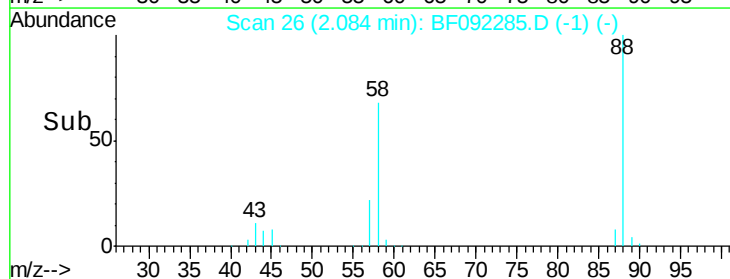
43 28.3 22.3 33.5

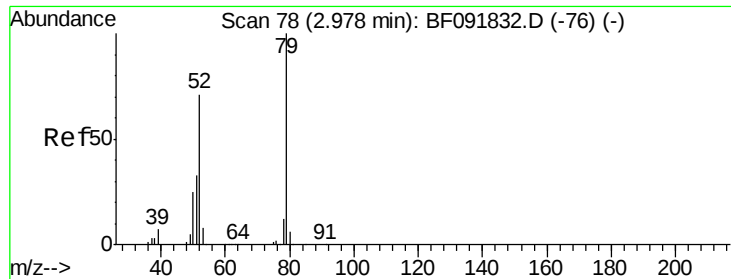


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.19 ng

RT: 2.69 min Scan# 79

Delta R.T. -0.04 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

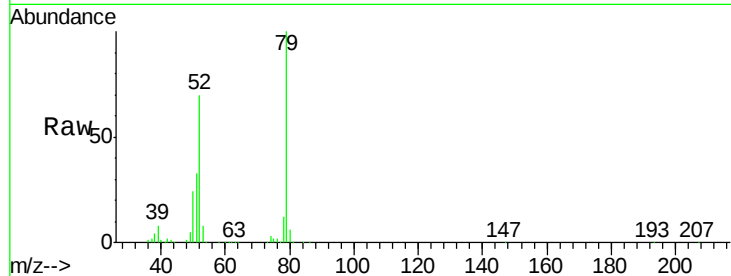
Tgt Ion: 79 Resp: 818804

Ion Ratio Lower Upper

79 100

52 69.9 57.1 85.7

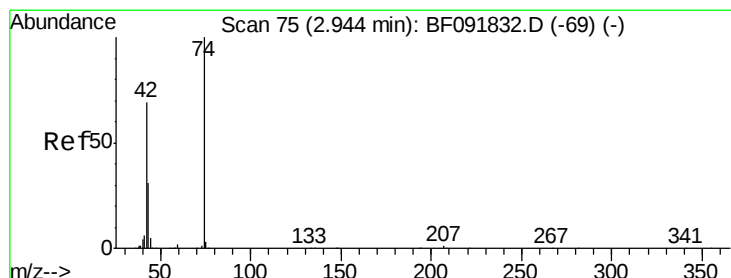
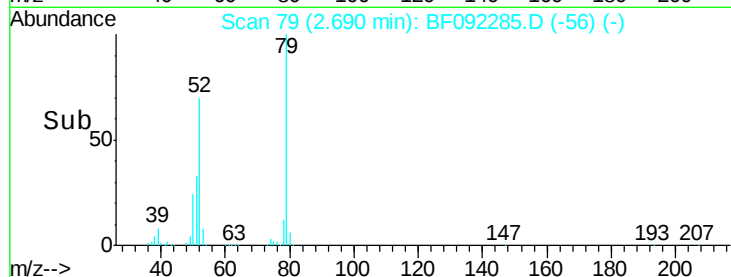
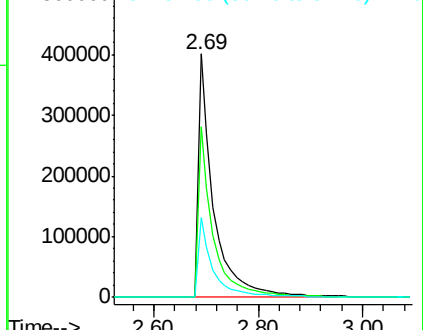
51 32.9 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.15 ng

RT: 2.67 min Scan# 77

Delta R.T. -0.02 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

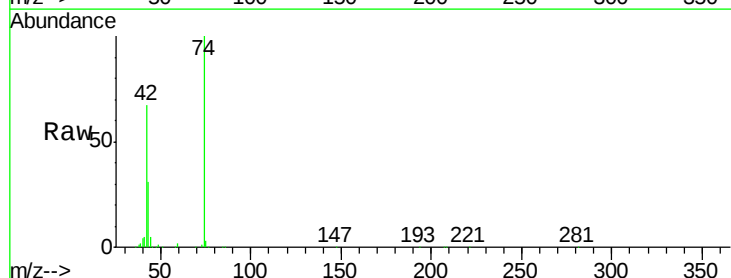
Tgt Ion: 42 Resp: 364277

Ion Ratio Lower Upper

42 100

74 148.4 117.0 175.4

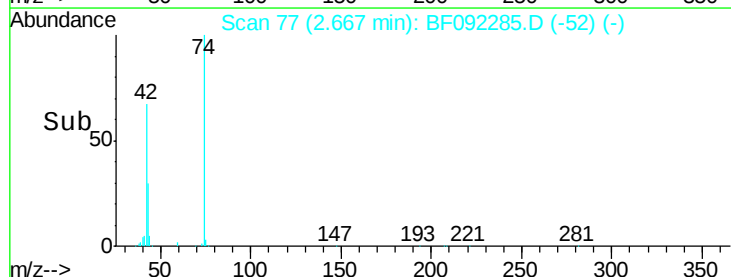
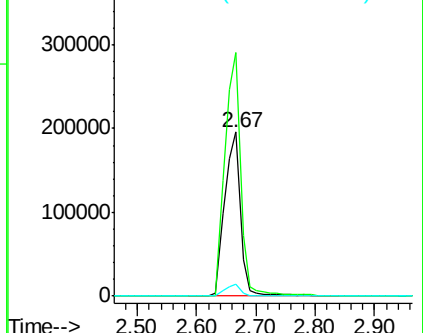
44 7.1 5.5 8.3

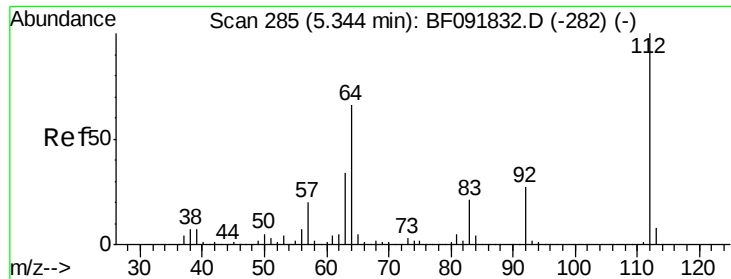


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 141.91 ng

RT: 5.17 min Scan# 296

Delta R.T. -0.07 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

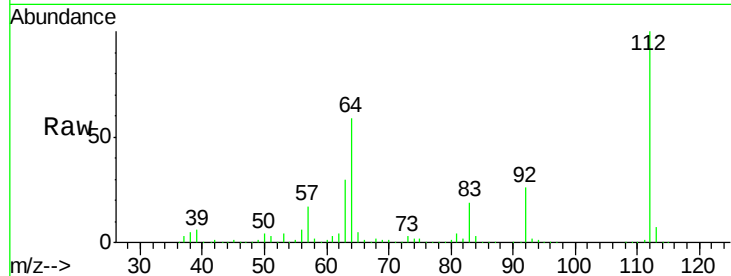
Tgt Ion: 112 Resp: 2037467

Ion Ratio Lower Upper

112 100

64 59.3 46.1 69.1

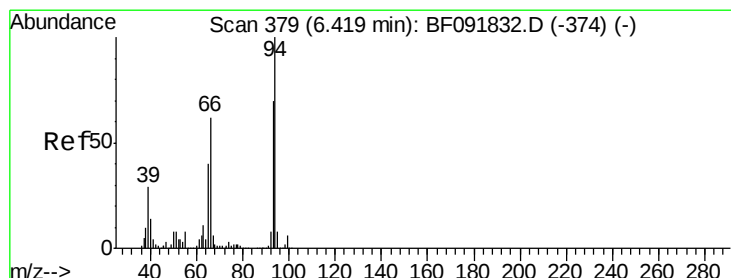
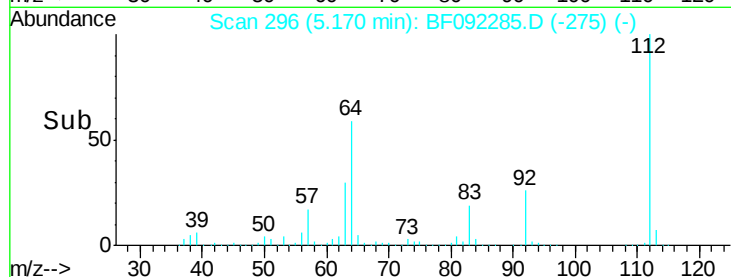
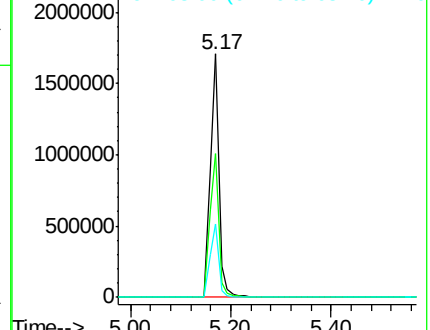
63 30.0 23.8 35.6



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: 25.24 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

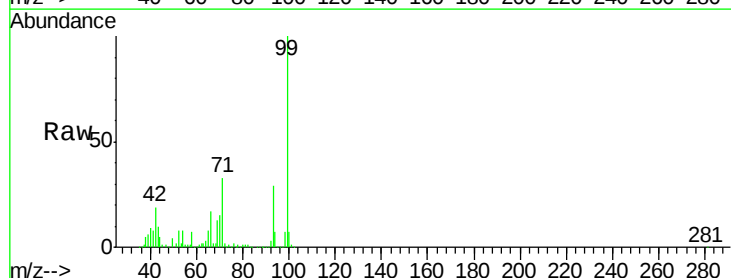
Tgt Ion: 93 Resp: 574544

Ion Ratio Lower Upper

93 100

66 59.6 76.2 114.2#

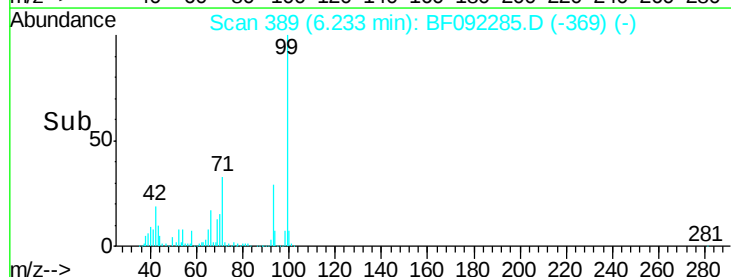
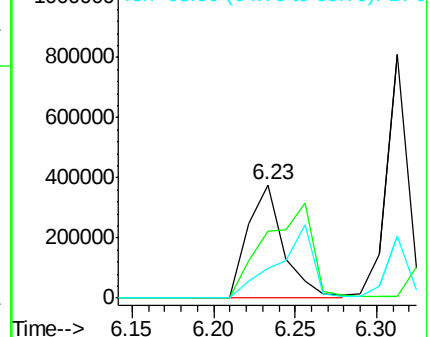
65 26.8 49.3 73.9#

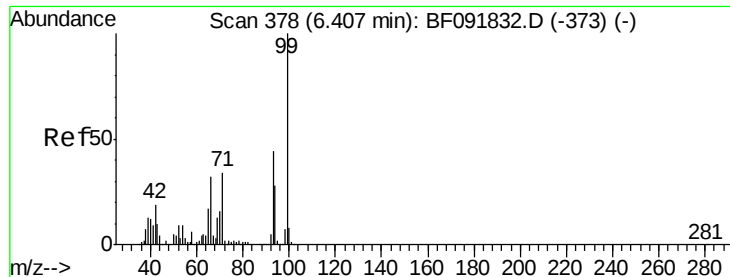


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.06 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.07 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

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BNA_F

ClientSampleId :

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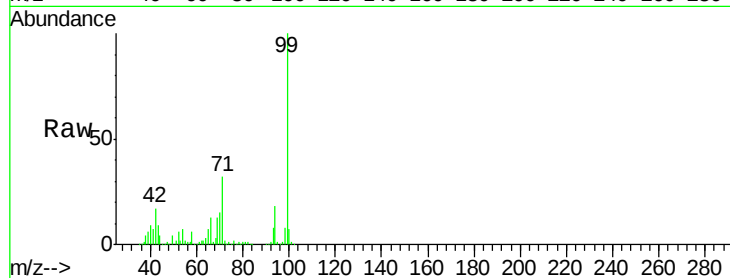
Tgt Ion: 99 Resp: 2490081

Ion Ratio Lower Upper

99 100

42 17.2 15.6 23.4

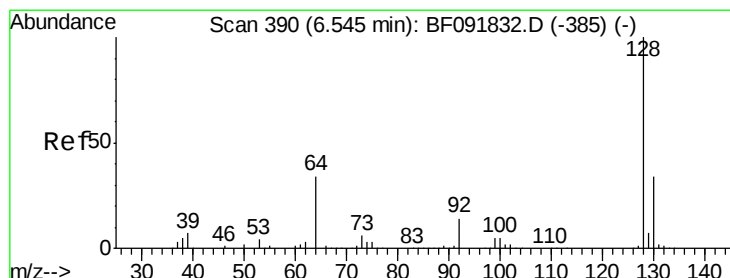
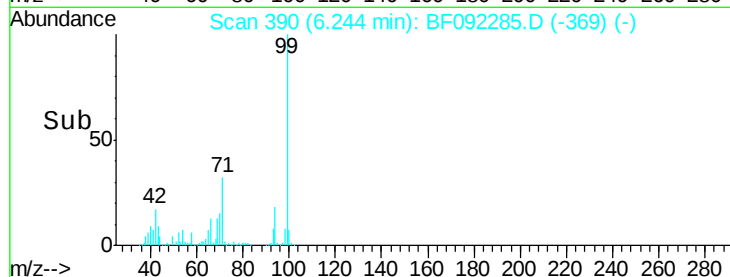
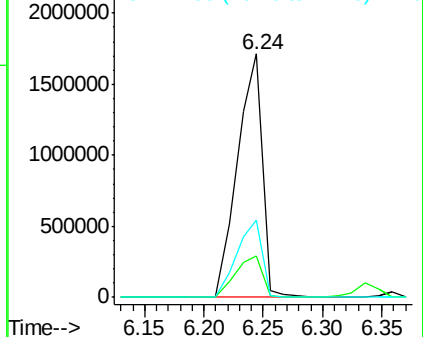
71 31.6 27.5 41.3



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: 46.23 ng

RT: 6.36 min Scan# 400

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

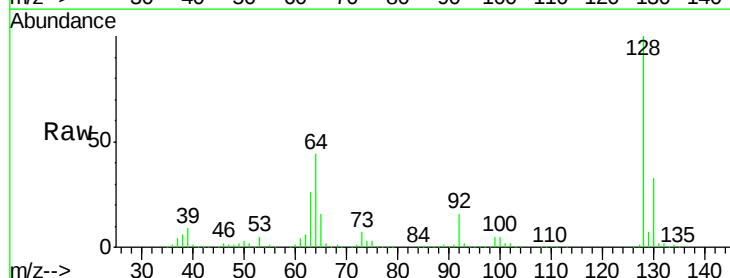
Tgt Ion: 128 Resp: 755012

Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

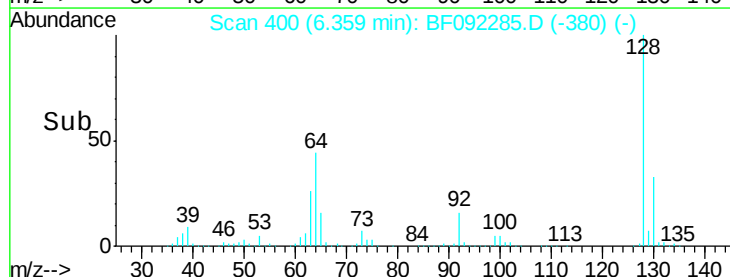
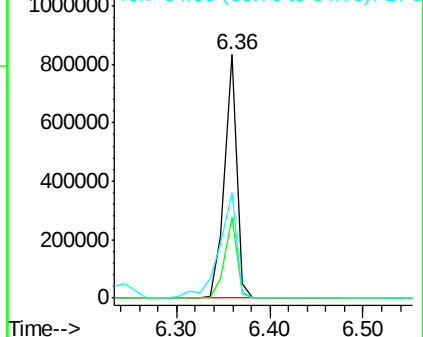
64 43.5 32.2 72.2

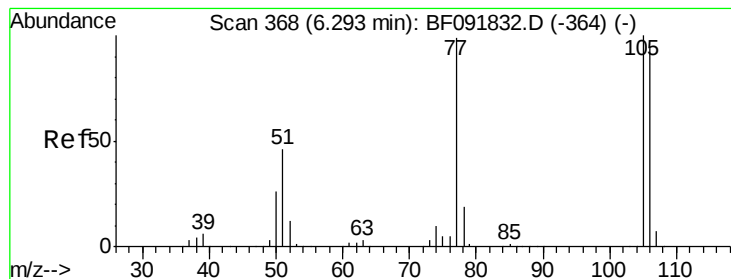


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.20 ng

RT: 6.11 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

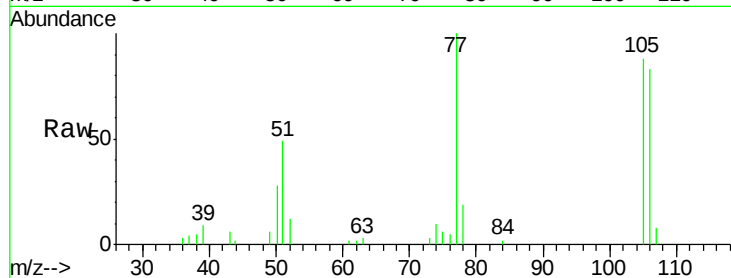
Tgt Ion: 77 Resp: 31771

Ion Ratio Lower Upper

77 100

105 87.6 83.9 123.9

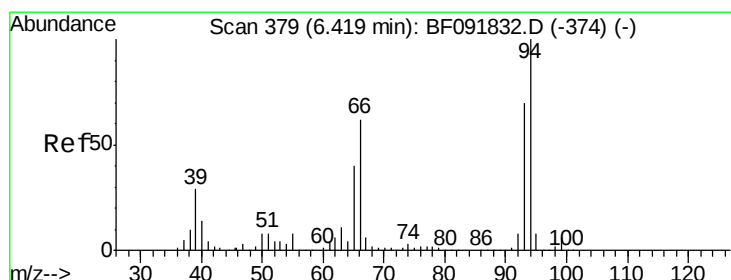
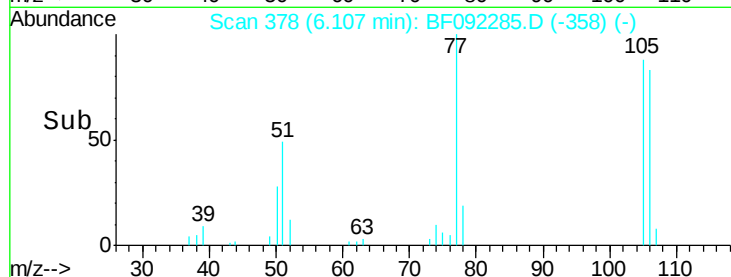
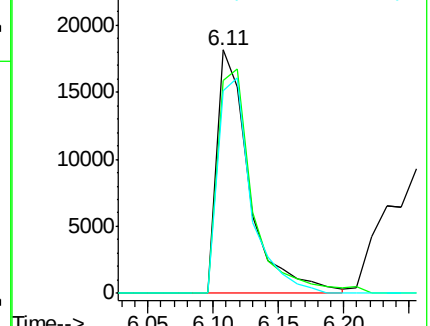
106 83.0 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 50.86 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

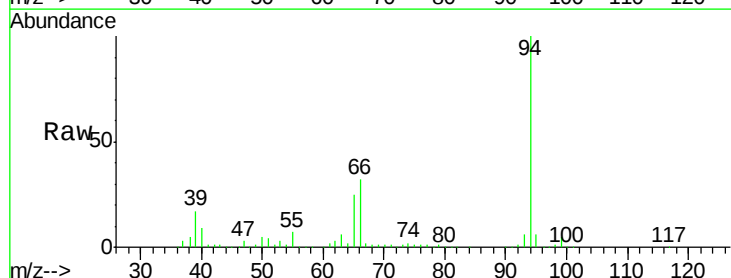
Tgt Ion: 94 Resp: 1015976

Ion Ratio Lower Upper

94 100

65 24.6 21.4 61.4

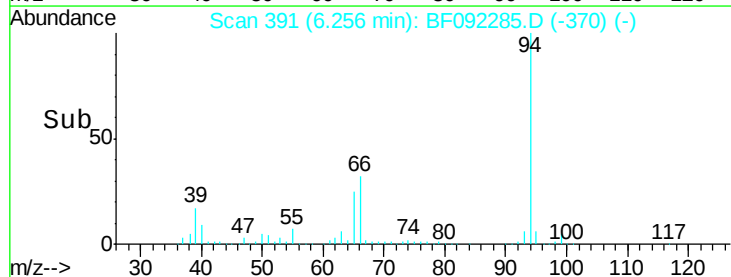
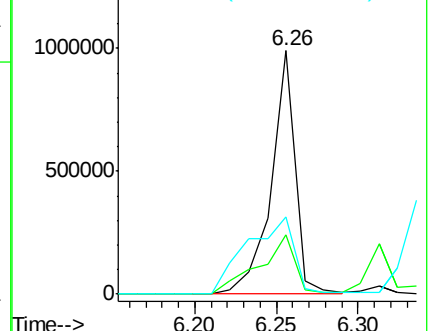
66 31.9 44.0 84.0#

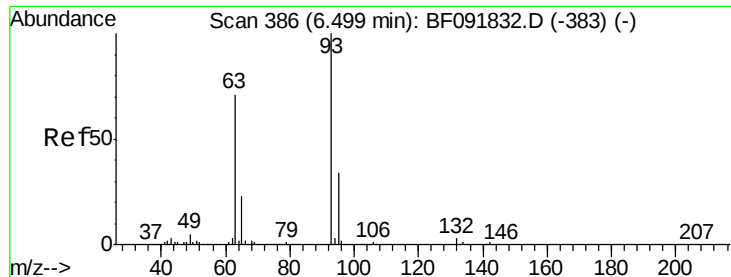


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.87 ng

RT: 6.31 min Scan# 396

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

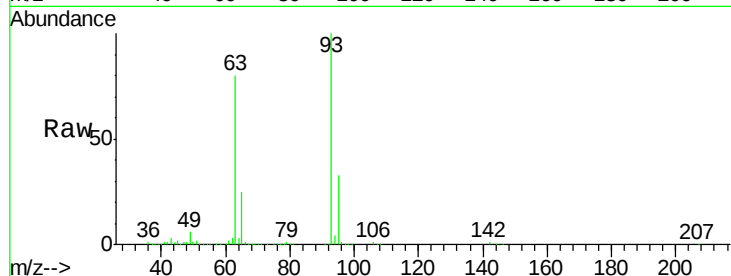
Tgt Ion: 93 Resp: 713180

Ion Ratio Lower Upper

93 100

63 79.5 60.4 100.4

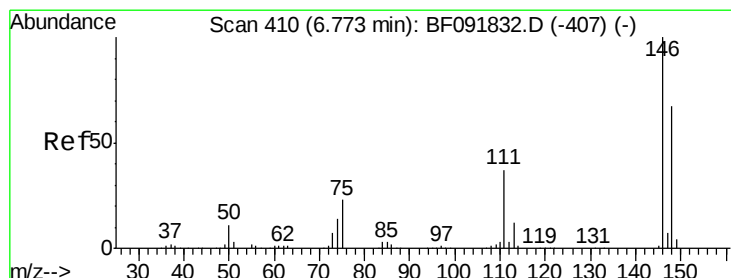
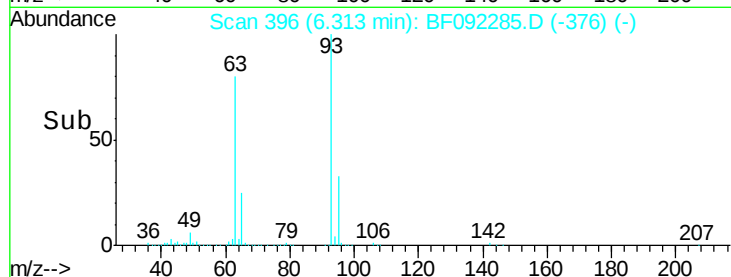
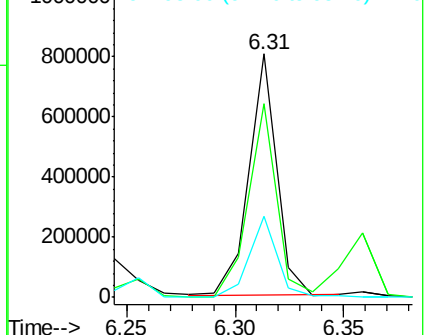
95 33.2 12.8 52.8



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: 42.19 ng

RT: 6.50 min Scan# 412

Delta R.T. -0.09 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

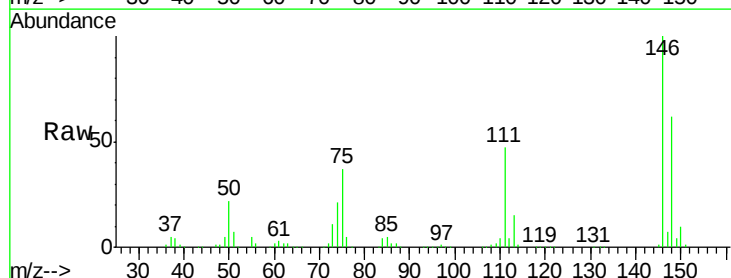
Tgt Ion: 146 Resp: 735487

Ion Ratio Lower Upper

146 100

148 62.3 53.4 80.0

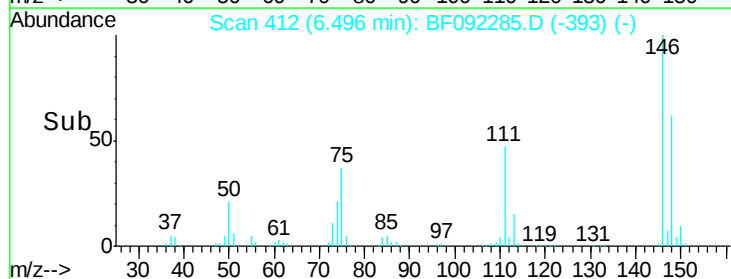
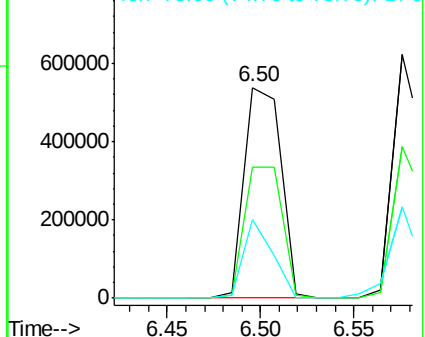
75 37.0 18.5 27.7#

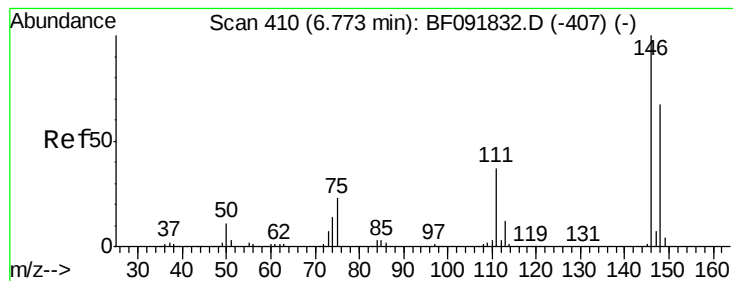


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.96 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.09 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

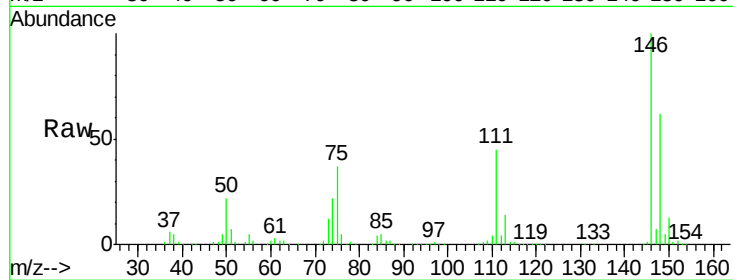
Tgt Ion:146 Resp: 726828

Ion Ratio Lower Upper

146 100

148 62.2 50.6 76.0

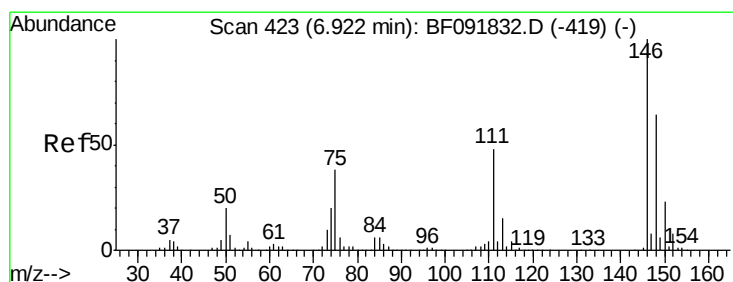
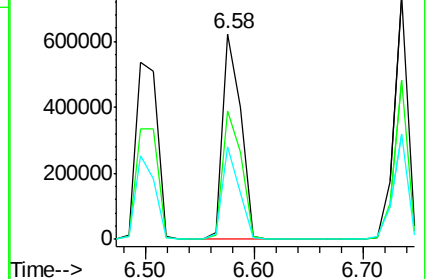
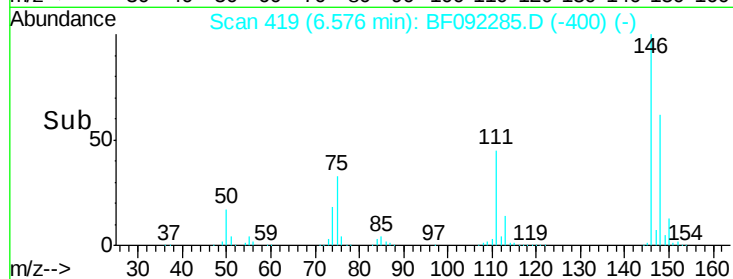
111 44.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.74 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

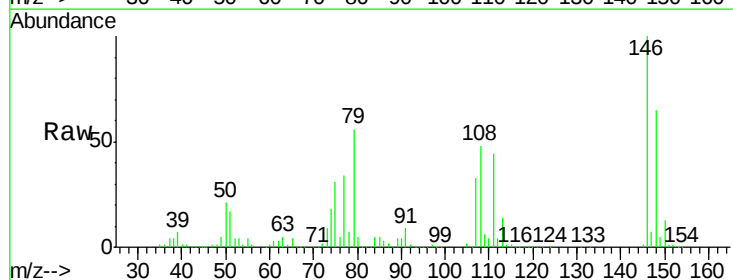
Tgt Ion:146 Resp: 658034

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.2

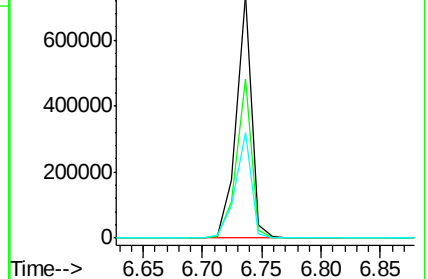
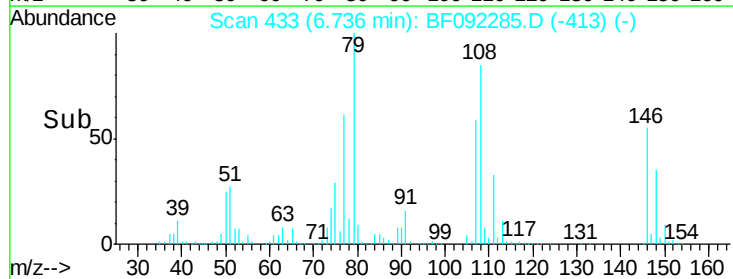
111 43.5 36.2 54.2

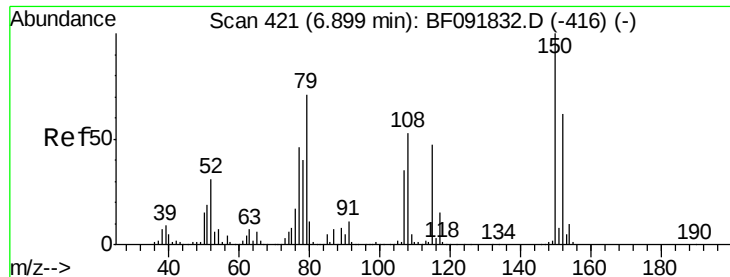


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.98 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.07 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

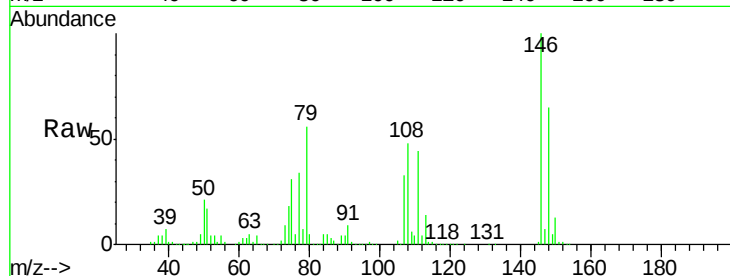
Tgt Ion: 79 Resp: 626266

Ion Ratio Lower Upper

79 100

108 85.8 61.4 92.0

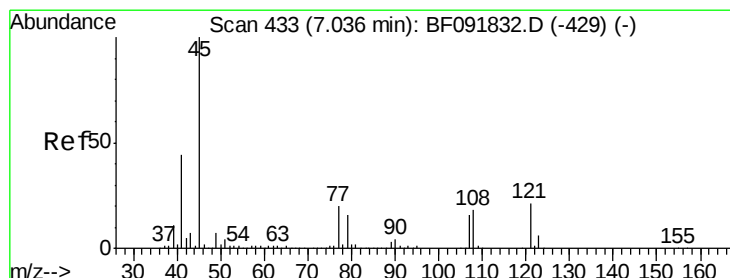
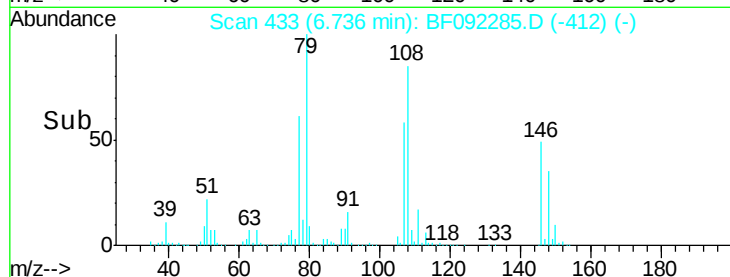
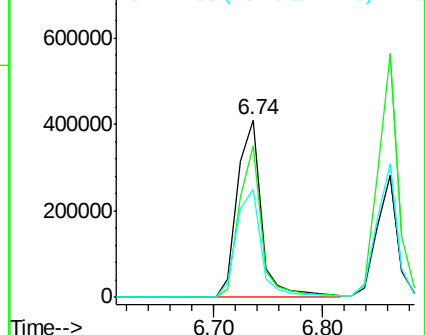
77 61.1 50.9 76.3



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: 43.29 ng

RT: 6.86 min Scan# 444

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

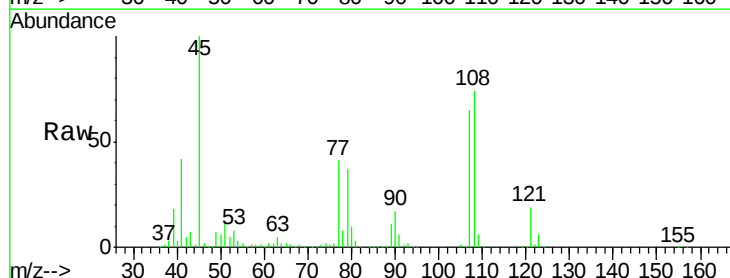
Tgt Ion: 45 Resp: 1024624

Ion Ratio Lower Upper

45 100

77 40.9 0.0 34.6#

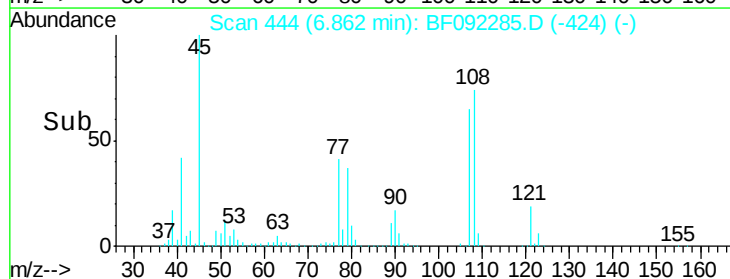
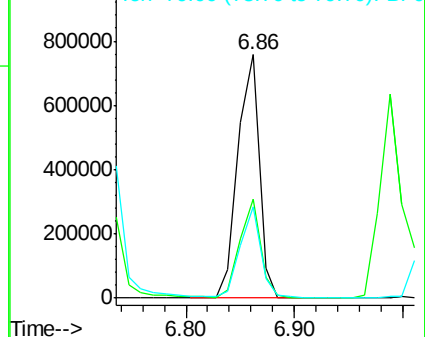
79 37.3 0.0 31.2#

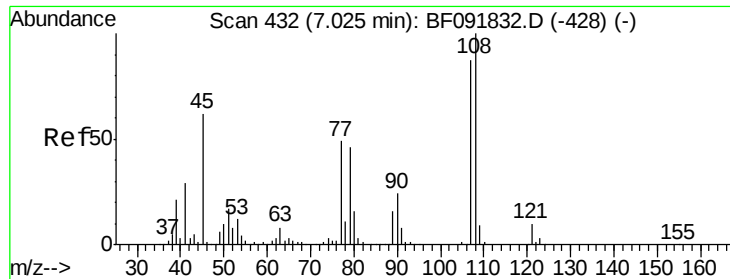


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

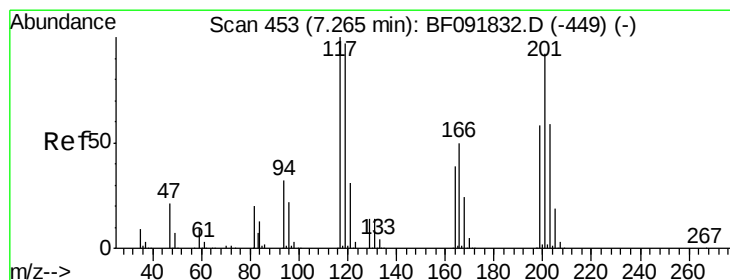
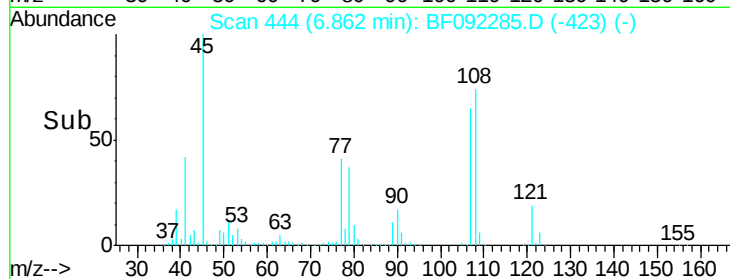
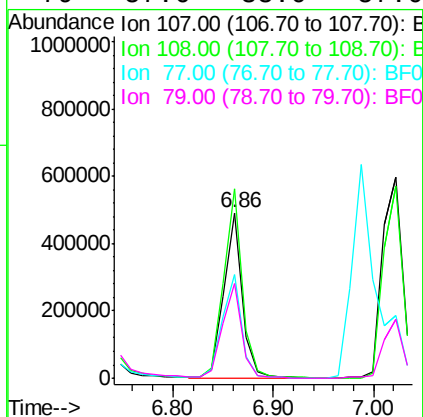
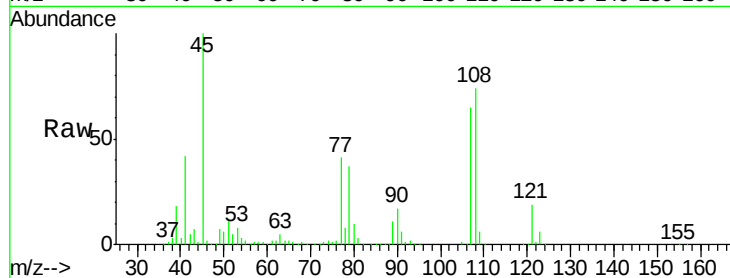




#17
2-Methylphenol
Concen: 47.61 ng
RT: 6.86 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

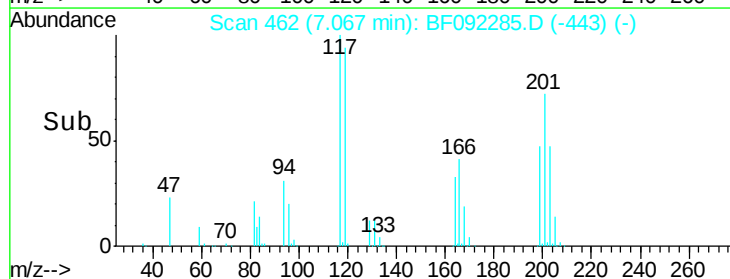
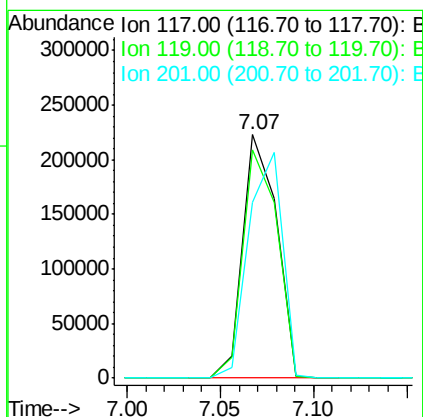
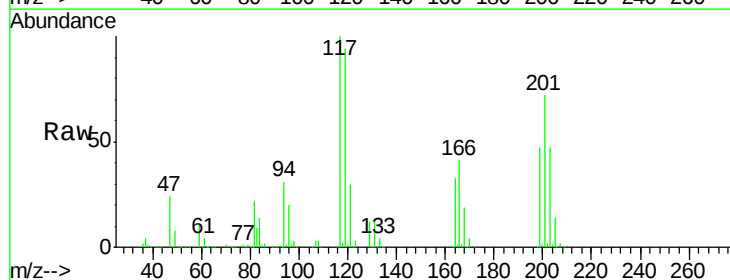
Instrument :
BNA_F
ClientSampleId :
PB96012BS

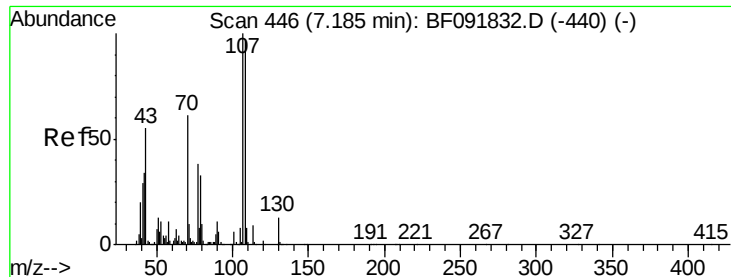
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	63.1	39.8	59.8#
79	57.6	38.0	57.0#



#18
Hexachloroethane
Concen: 42.71 ng
RT: 7.07 min Scan# 462
Delta R.T. -0.09 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.1	117.1
201	72.3	78.6	117.8#

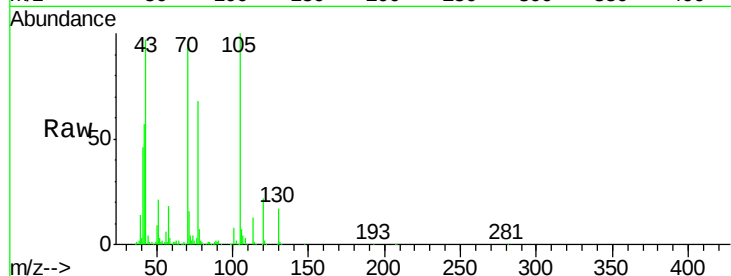




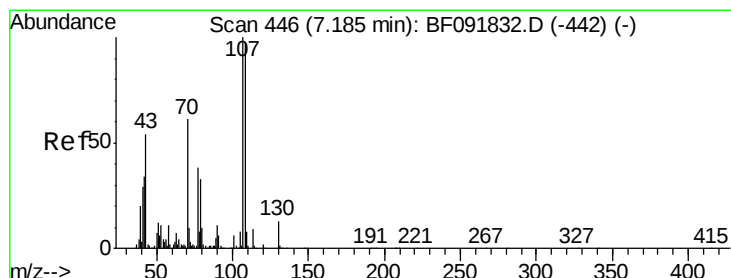
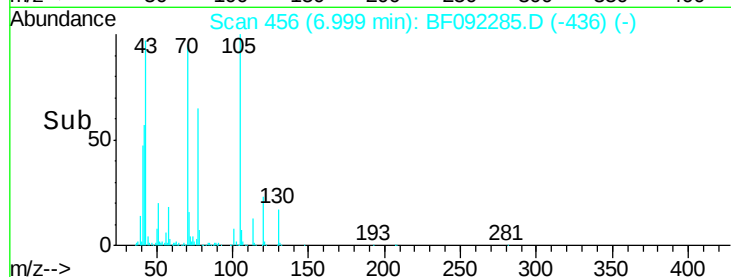
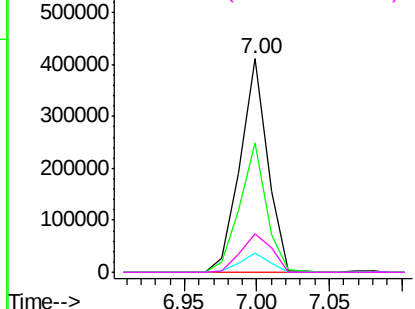
#19
n-Nitroso-di-n-propylamine
Concen: 46.27 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.08 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tgt Ion:	70	Resp:	539615
Ion	Ratio	Lower	Upper
70	100		
42	60.3	49.4	74.0
101	8.9	7.4	11.2
130	18.0	14.2	21.4

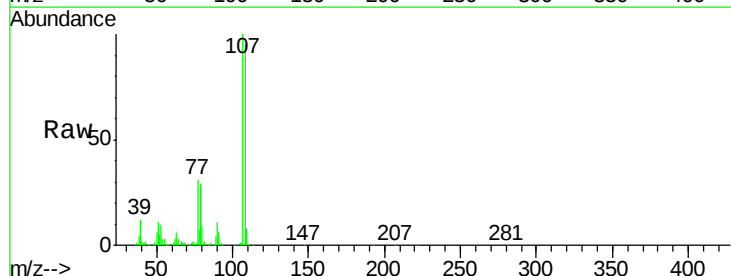


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

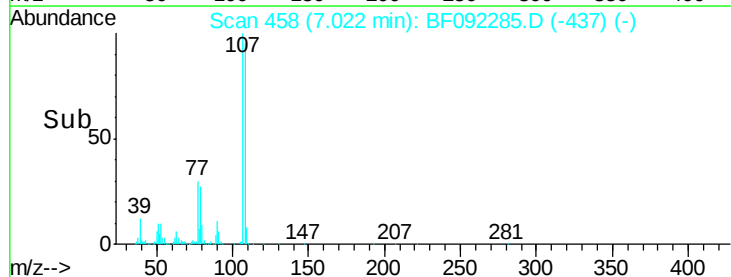
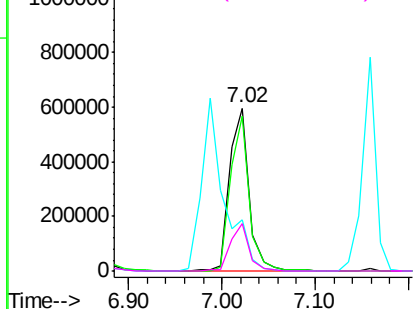


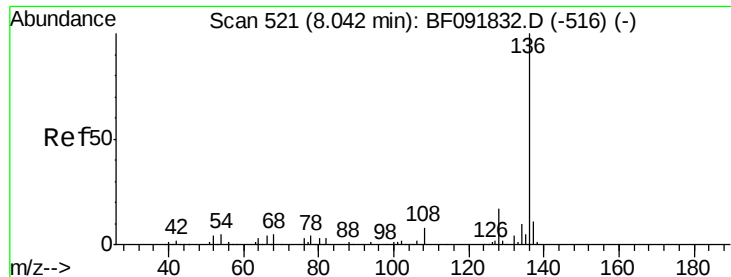
#20
3+4-Methylphenols
Concen: 55.16 ng
RT: 7.02 min Scan# 458
Delta R.T. -0.07 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:	107	Resp:	864050
Ion	Ratio	Lower	Upper
107	100		
108	95.2	73.0	113.0
77	31.1	71.3	111.3#
79	29.1	11.1	51.1



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

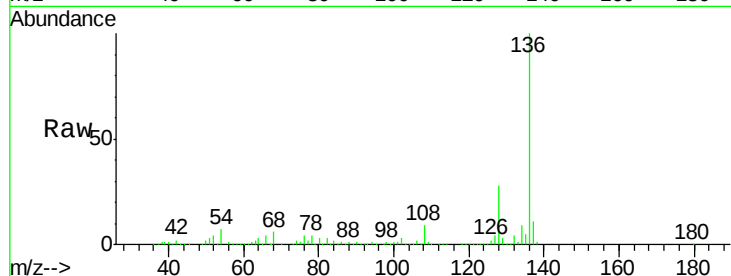




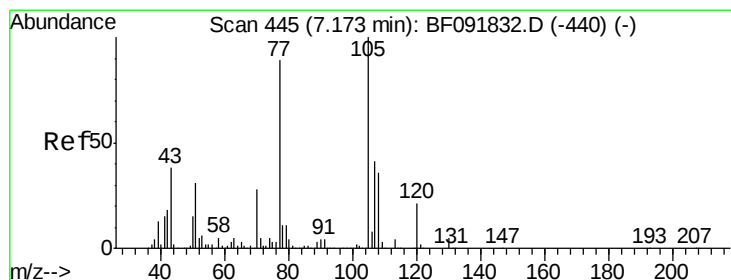
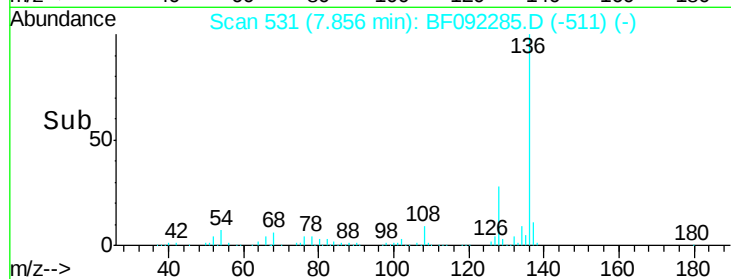
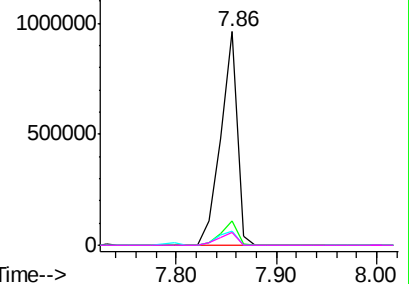
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.08 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tgt Ion:	136	Resp:	1095531
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.9	4.5	6.7#
68	5.8	3.6	5.4#

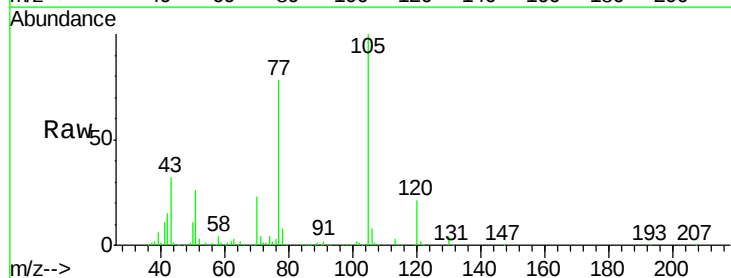


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

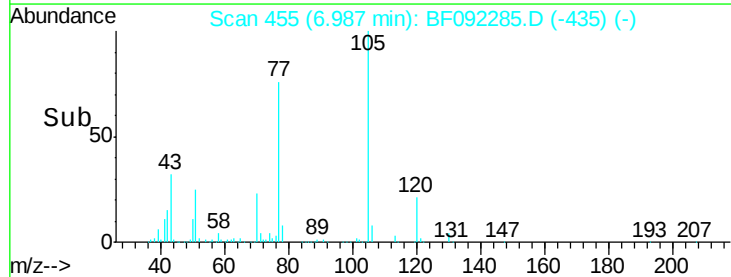
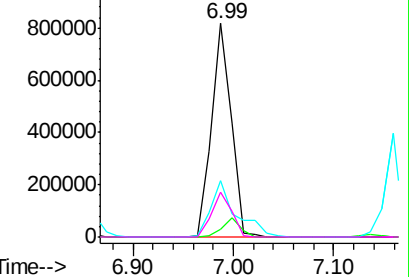


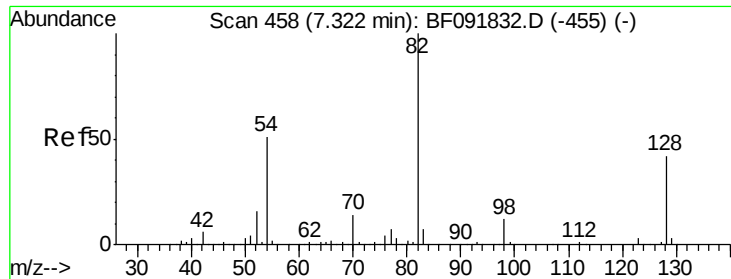
#22
Acetophenone
Concen: 41.05 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.08 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:	105	Resp:	1109113
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.2	4.8
51	26.1	26.2	39.4#
120	21.2	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

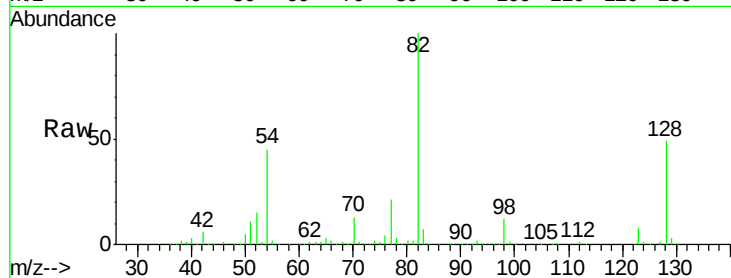




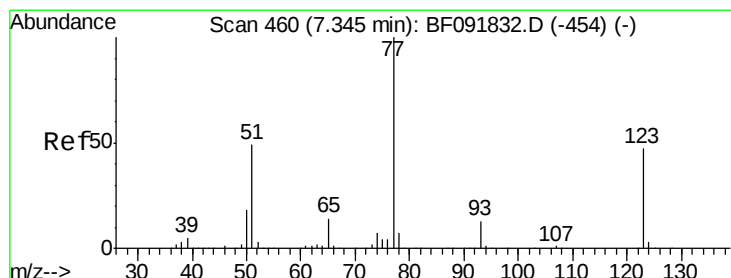
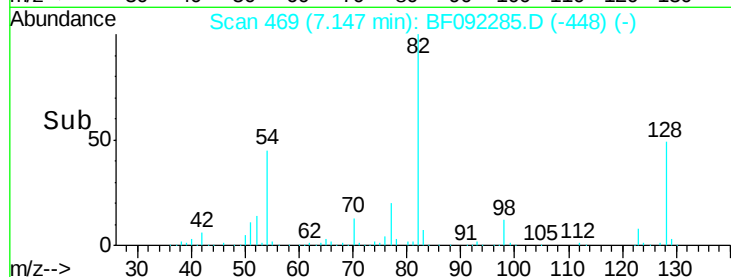
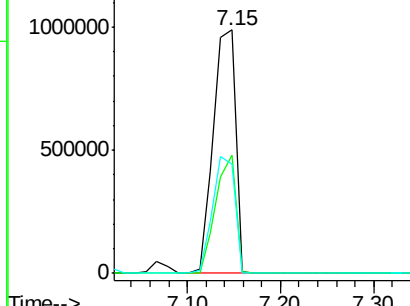
#23
 Nitrobenzene-d5
 Concen: 83.11 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.07 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tgt Ion: 82 Resp: 1637427
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.6 52.0
 54 44.8 39.5 59.3

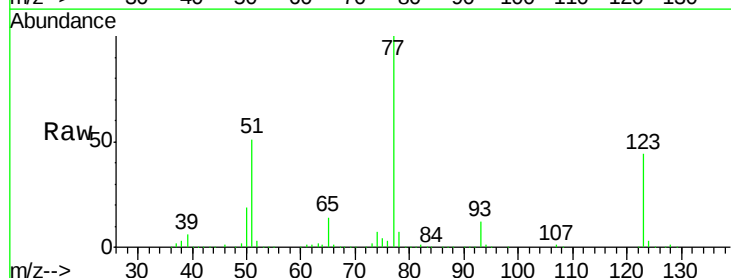


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

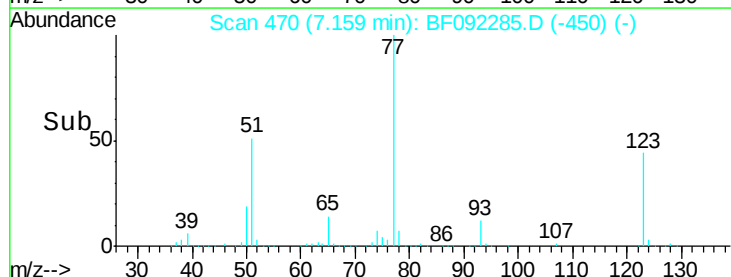
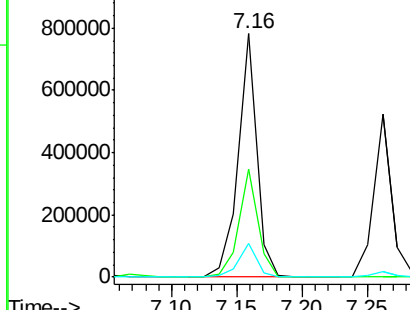


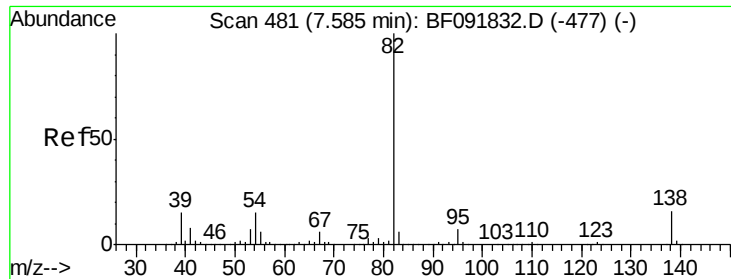
#24
 Nitrobenzene
 Concen: 36.67 ng
 RT: 7.16 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion: 77 Resp: 769530
 Ion Ratio Lower Upper
 77 100
 123 44.1 33.0 49.4
 65 13.7 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: 43.75 ng

RT: 7.41 min Scan# 492

Delta R.T. -0.07 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

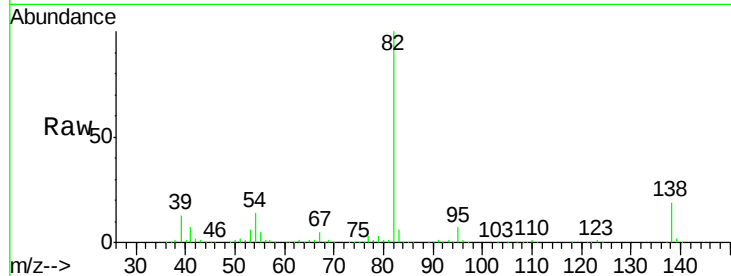
Tgt Ion: 82 Resp: 1590171

Ion Ratio Lower Upper

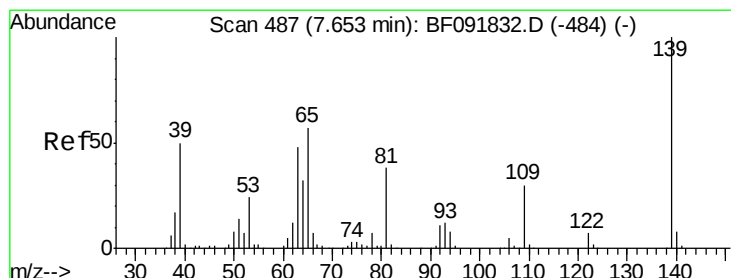
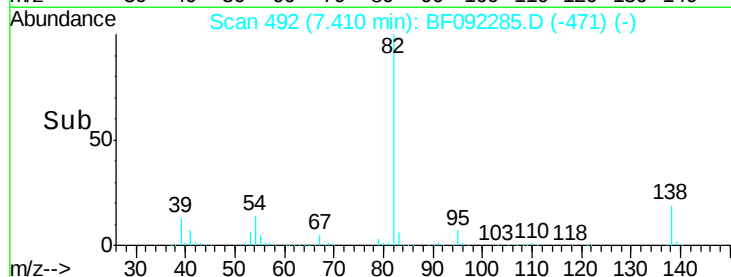
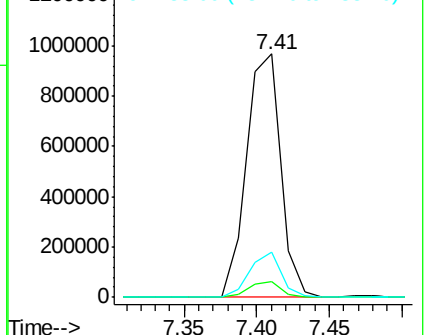
82 100

95 6.6 5.6 8.4

138 18.5 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: 43.76 ng

RT: 7.48 min Scan# 498

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

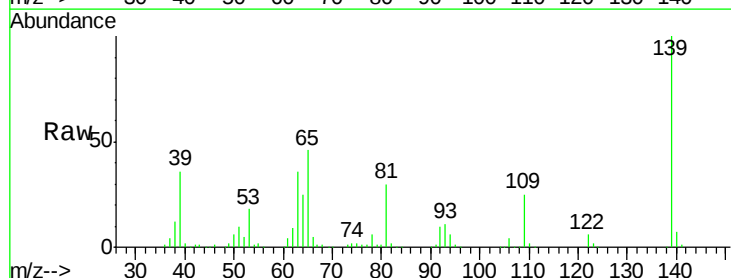
Tgt Ion: 139 Resp: 452857

Ion Ratio Lower Upper

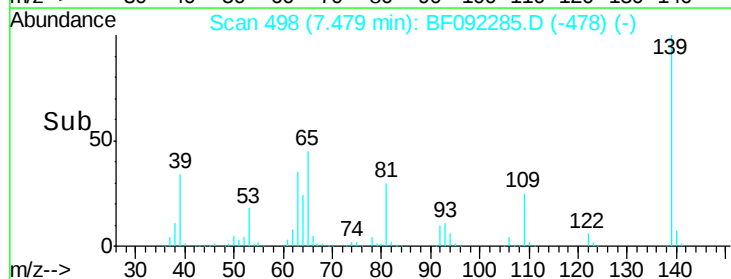
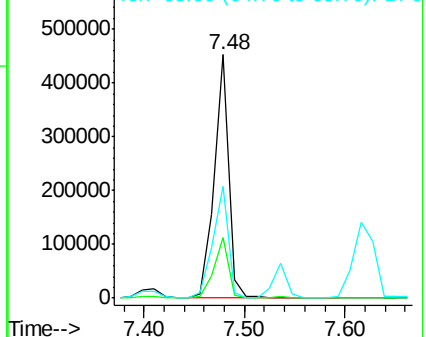
139 100

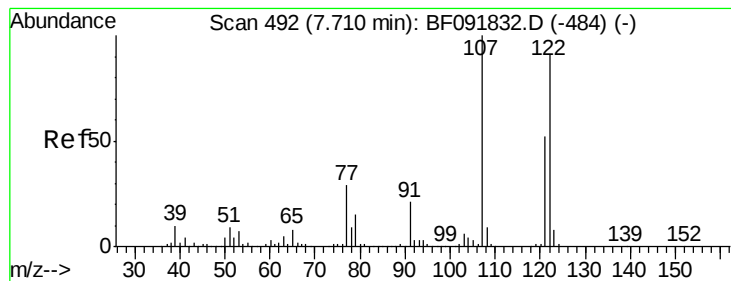
109 24.9 23.3 34.9

65 46.0 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: 40.20 ng

RT: 7.54 min Scan# 503

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

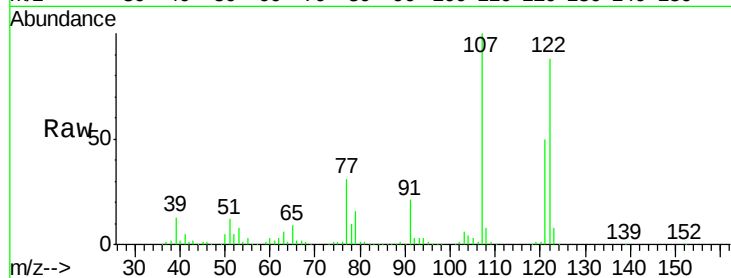
Tgt Ion:122 Resp: 690018

Ion Ratio Lower Upper

122 100

107 114.2 94.1 141.1

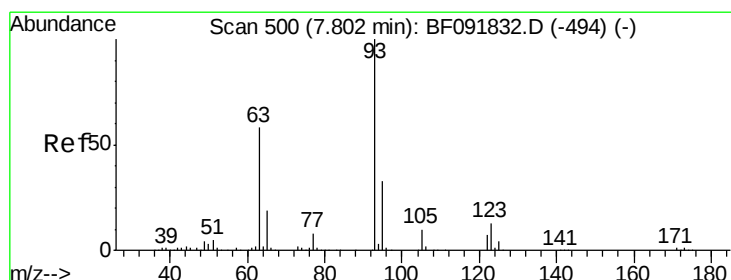
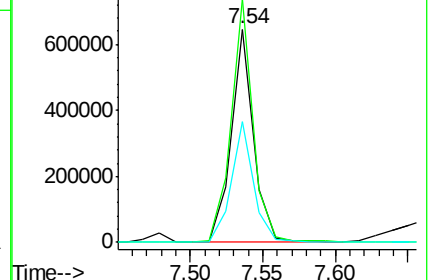
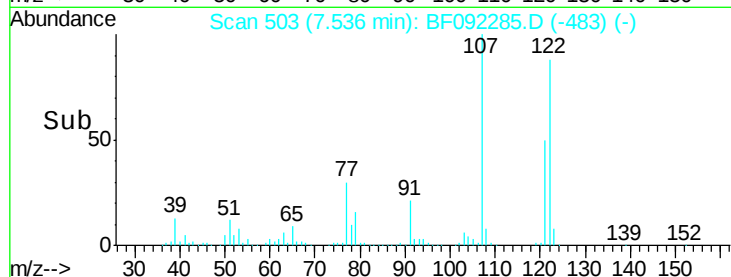
121 56.7 46.0 69.0



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: 46.42 ng

RT: 7.62 min Scan# 510

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

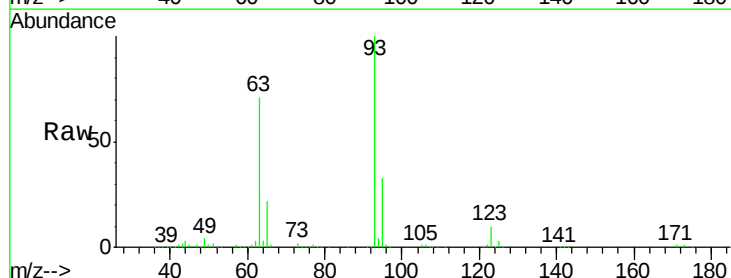
Tgt Ion: 93 Resp: 1023284

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

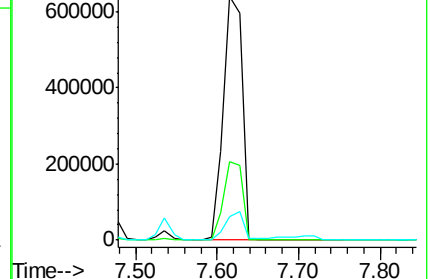
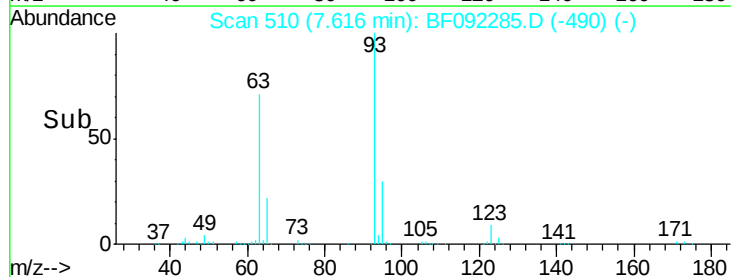
123 9.9 8.6 13.0

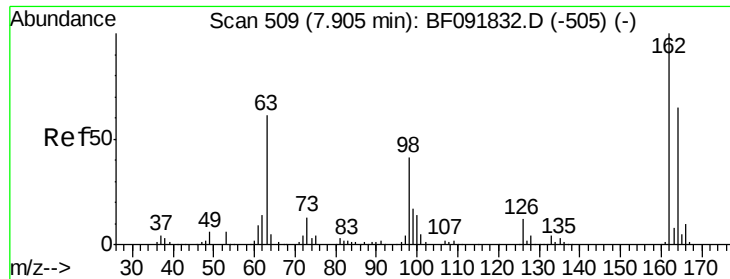


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

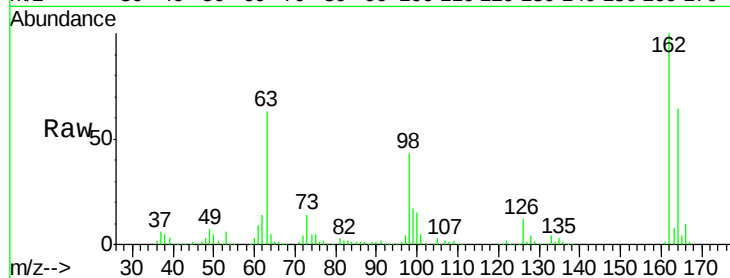




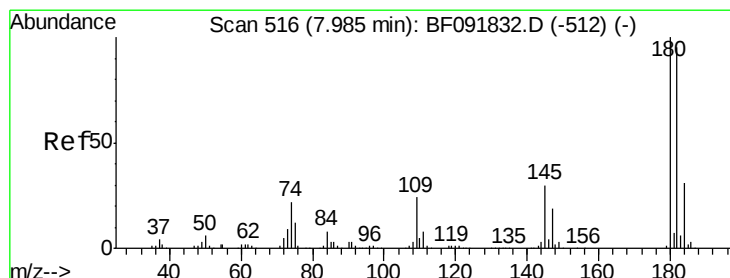
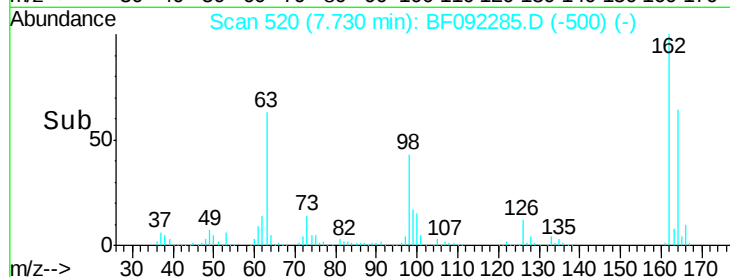
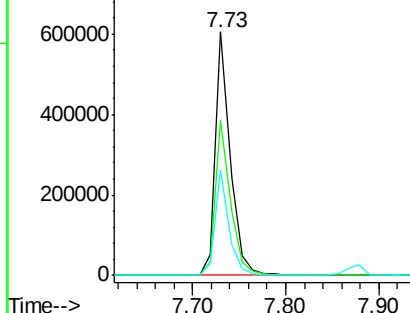
#29
 2,4-Dichlorophenol
 Concen: 45.90 ng
 RT: 7.73 min Scan# 520
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tgt Ion:162 Resp: 667147
 Ion Ratio Lower Upper
 162 100
 164 63.9 46.8 86.8
 98 43.0 9.1 49.1

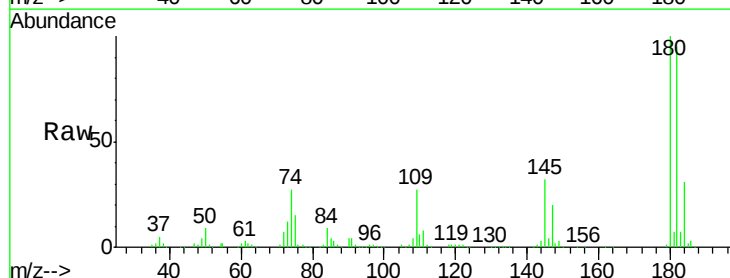


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

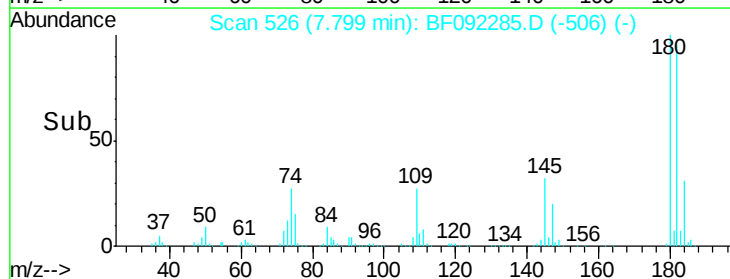
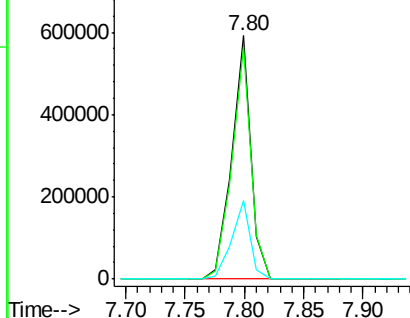


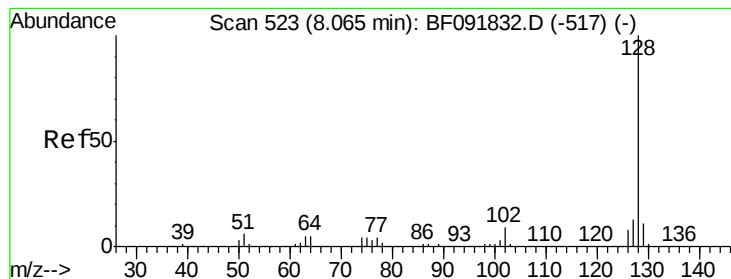
#30
 1,2,4-Trichlorobenzene
 Concen: 41.50 ng
 RT: 7.80 min Scan# 526
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion:180 Resp: 660923
 Ion Ratio Lower Upper
 180 100
 182 95.3 78.2 117.4
 145 32.1 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: 46.18 ng

RT: 7.88 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

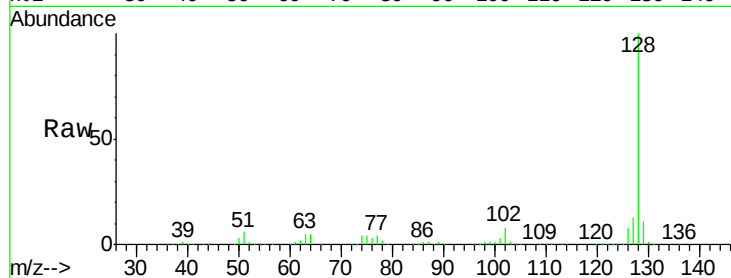
Tgt Ion:128 Resp: 2315670

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

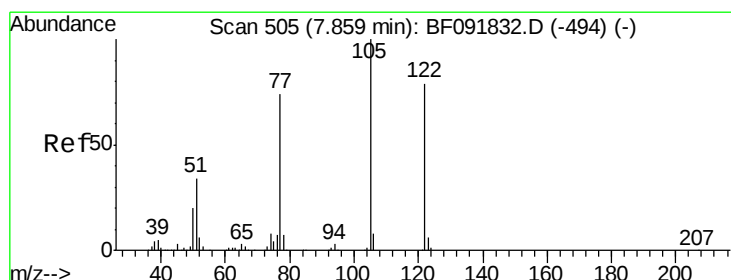
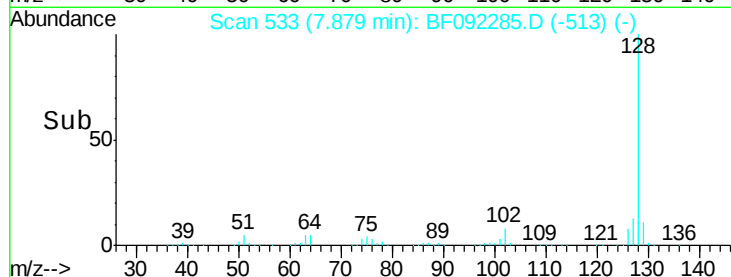
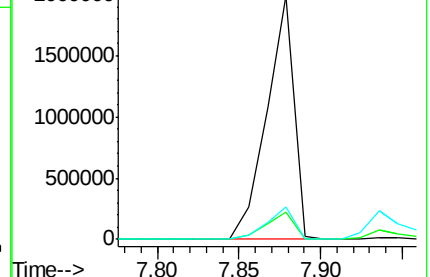
127 13.4 10.8 16.2



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: 42.32 ng

RT: 7.72 min Scan# 519

Delta R.T. -0.03 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

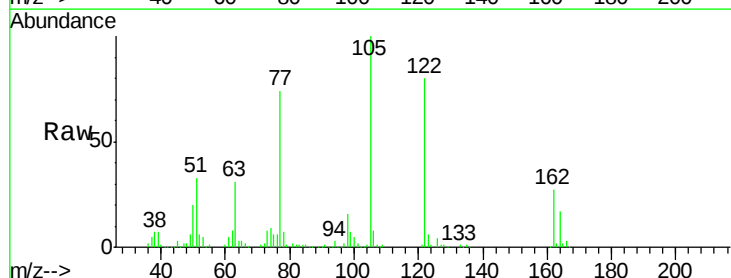
Tgt Ion:122 Resp: 538709

Ion Ratio Lower Upper

122 100

105 125.5 107.2 147.2

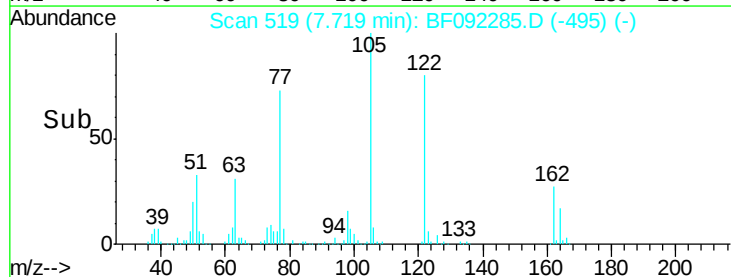
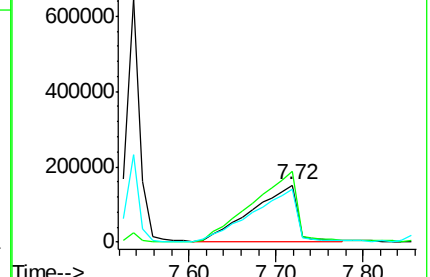
77 92.4 74.5 114.5

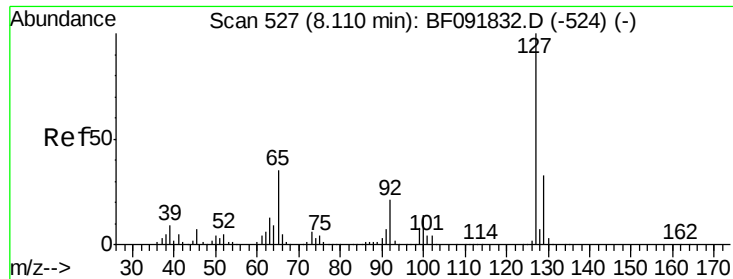


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

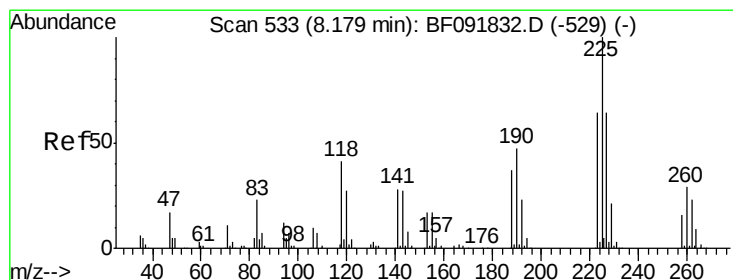
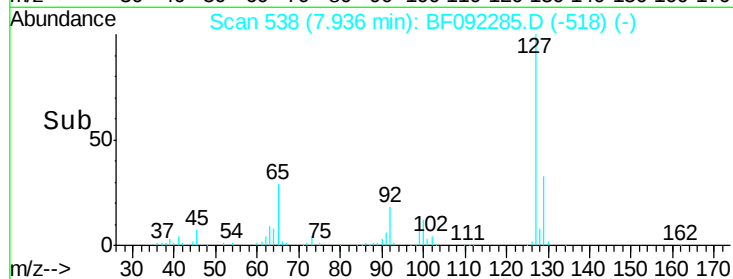
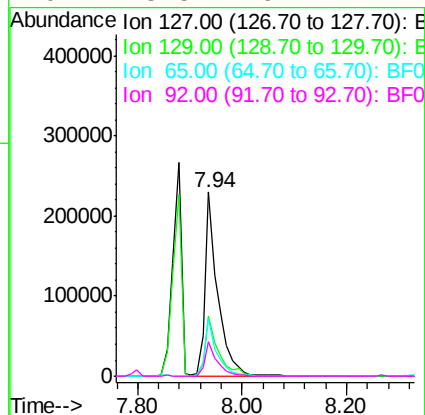
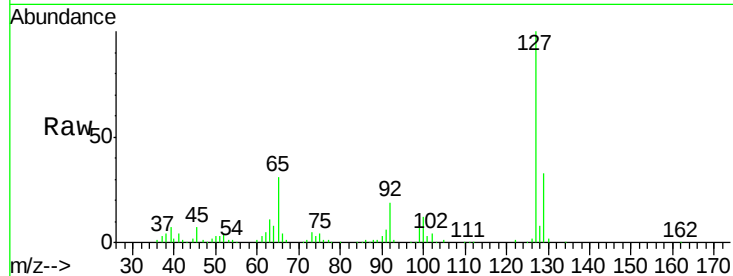




#33
4-Chloroaniline
Concen: 17.32 ng
RT: 7.94 min Scan# 538
Delta R.T. -0.08 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

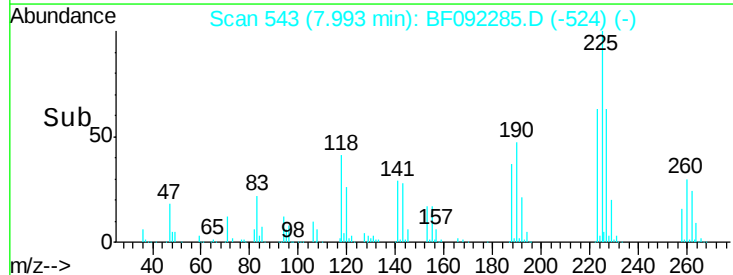
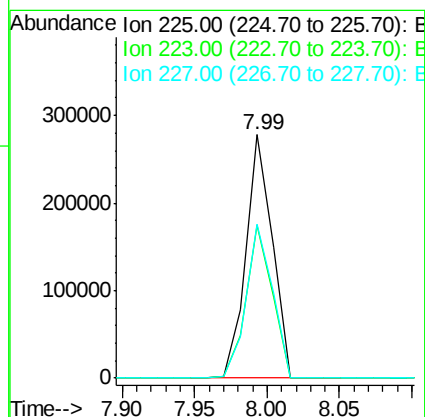
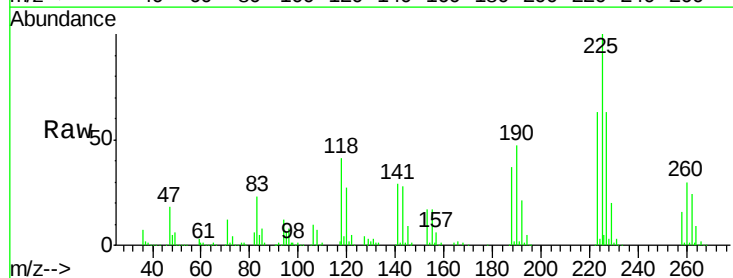
Instrument :
BNA_F
ClientSampleId :
PB96012BS

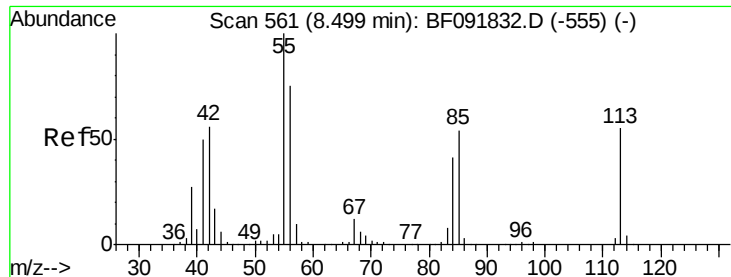
Tgt Ion:	127	Resp:	391507
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	31.1	25.8	38.8
92	18.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.48 ng
RT: 7.99 min Scan# 543
Delta R.T. -0.09 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:	225	Resp:	348678
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	63.2	50.6	76.0

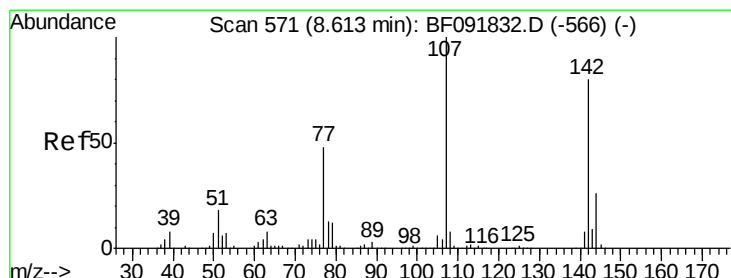
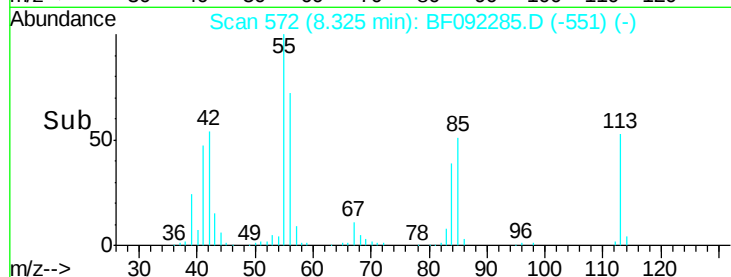
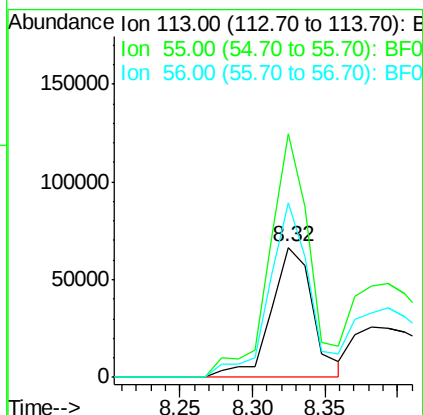
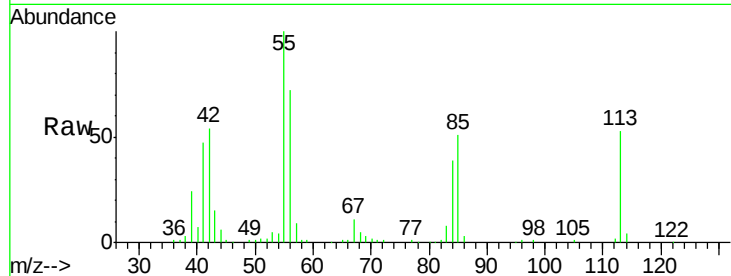




#35
 Caprolactam
 Concen: 27.71 ng
 RT: 8.32 min Scan# 572
 Delta R.T. -0.07 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

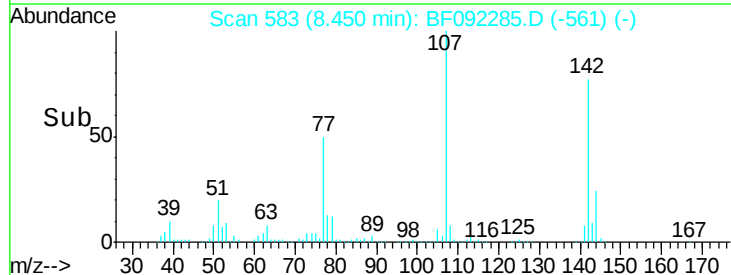
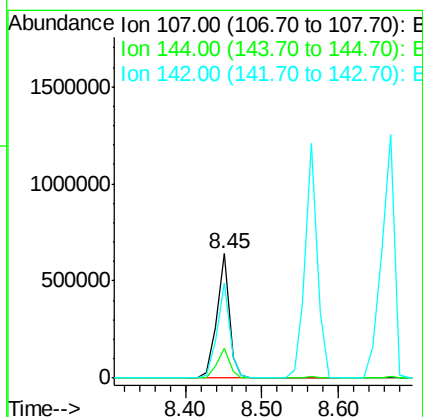
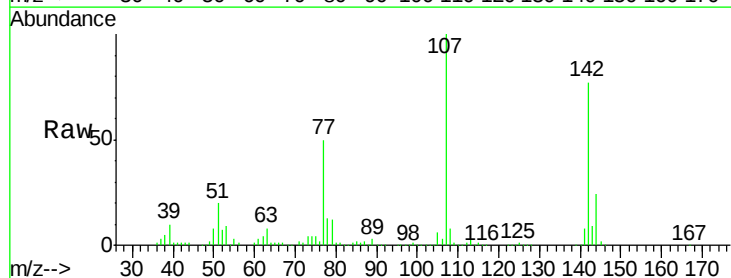
Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

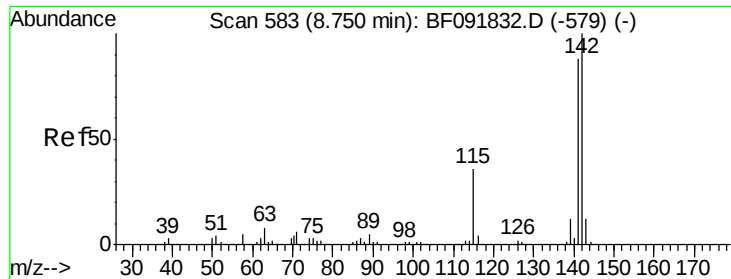
Tgt Ion:113 Resp: 132340
 Ion Ratio Lower Upper
 113 100
 55 187.4 119.2 159.2#
 56 134.8 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 43.31 ng
 RT: 8.45 min Scan# 583
 Delta R.T. -0.05 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion:107 Resp: 724276
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.3 28.9
 142 76.6 59.0 88.6

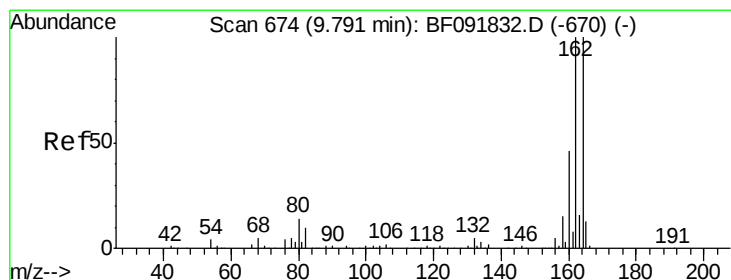
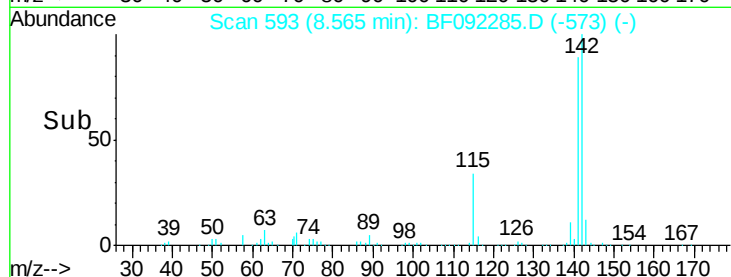
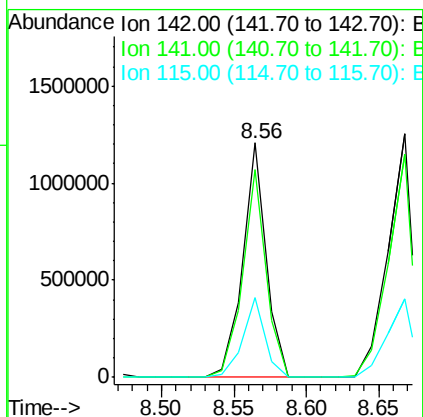
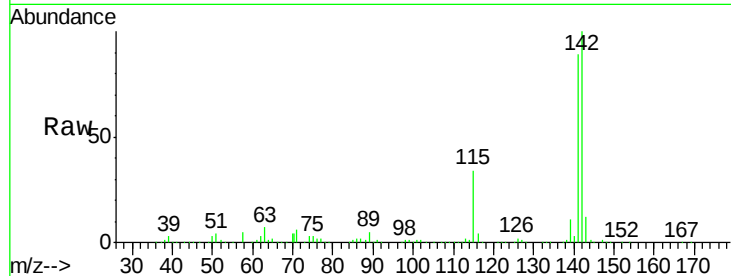




#37
 2-Methylnaphthalene
 Concen: 44.47 ng
 RT: 8.56 min Scan# 593
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

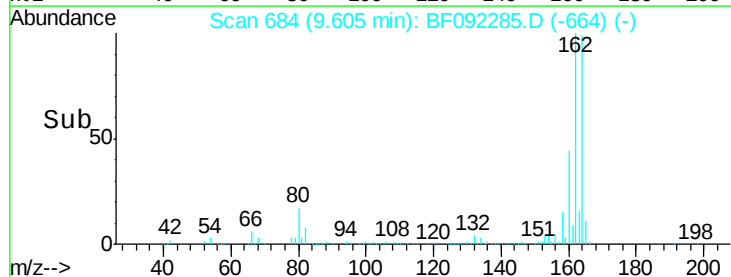
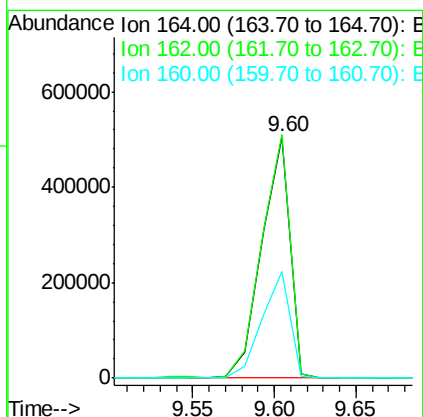
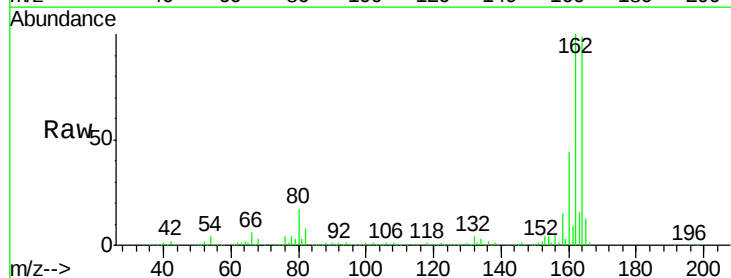
Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

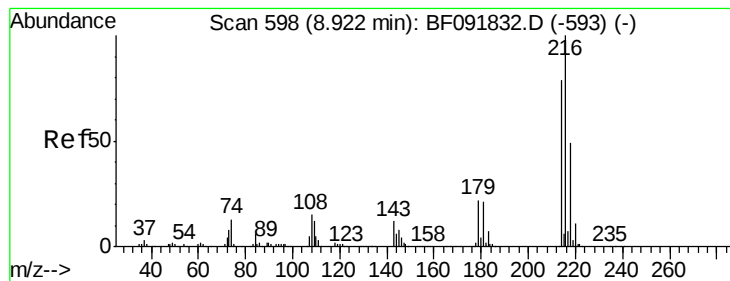
Tgt Ion:142 Resp: 1357012
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.0 106.6
 115 34.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion:164 Resp: 608474
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.2 120.2
 160 44.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.37 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

Tgt Ion:216 Resp: 620575

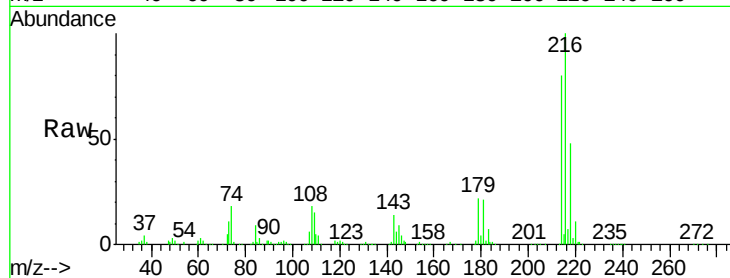
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.5 17.4 26.2

108 22.4 15.6 23.4

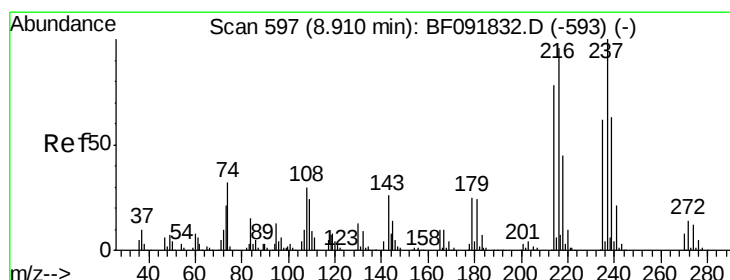
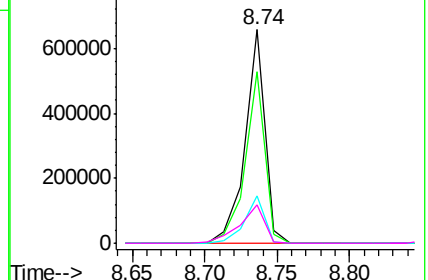
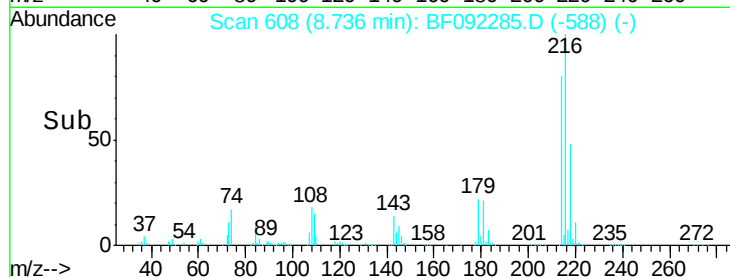


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.51 ng

RT: 8.72 min Scan# 607

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

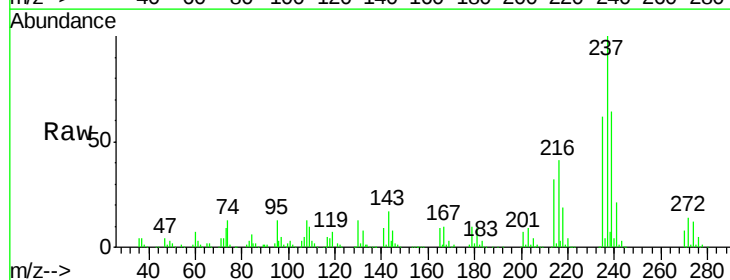
Tgt Ion:237 Resp: 508135

Ion Ratio Lower Upper

237 100

235 61.7 41.2 81.2

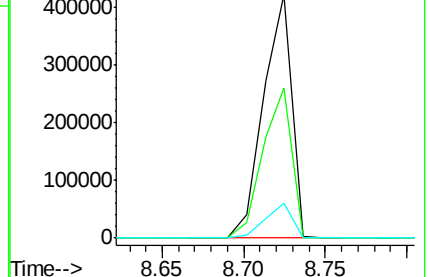
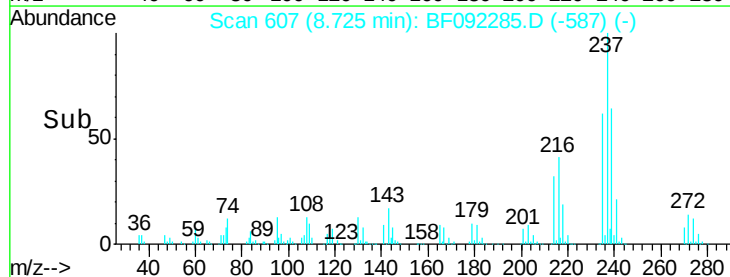
272 14.5 0.0 35.4

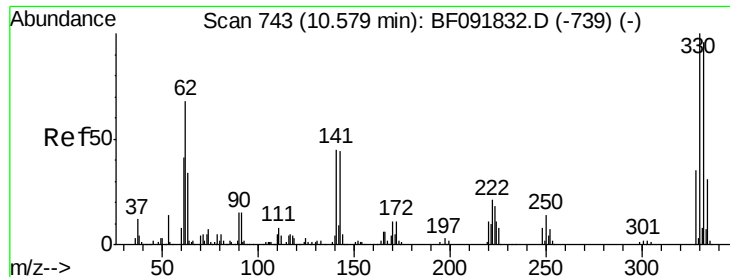


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

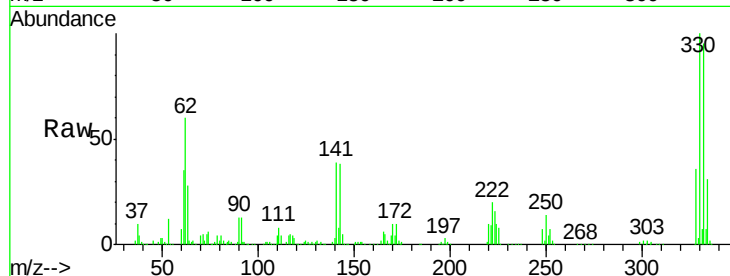




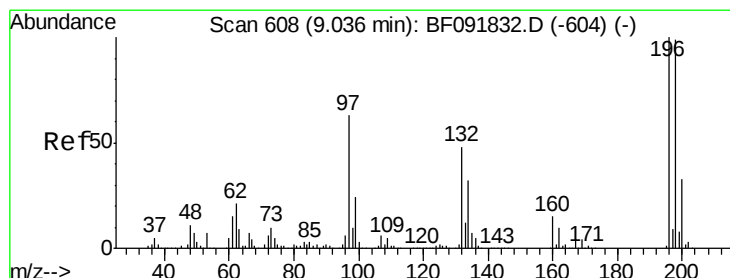
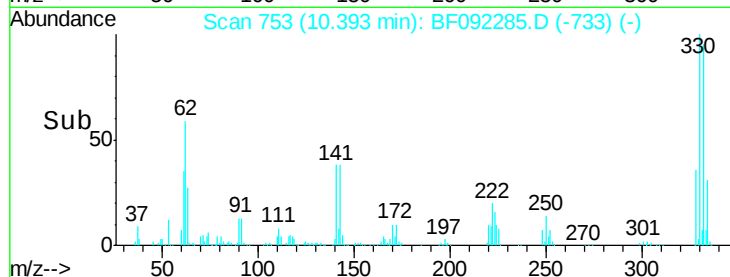
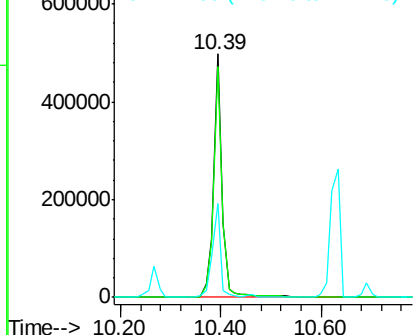
#41
 2,4,6-Tribromophenol
 Concen: 117.98 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tgt Ion:330 Resp: 594100
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 36.2 34.1 51.1

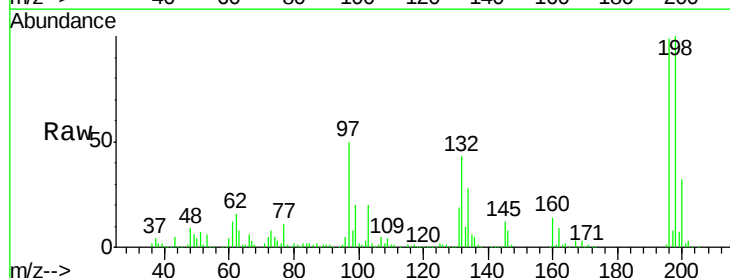


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

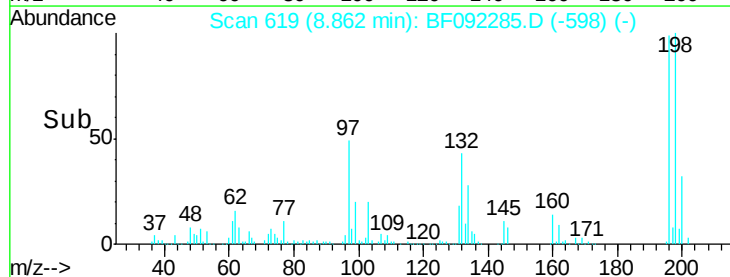
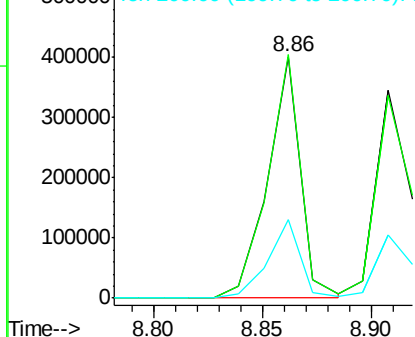


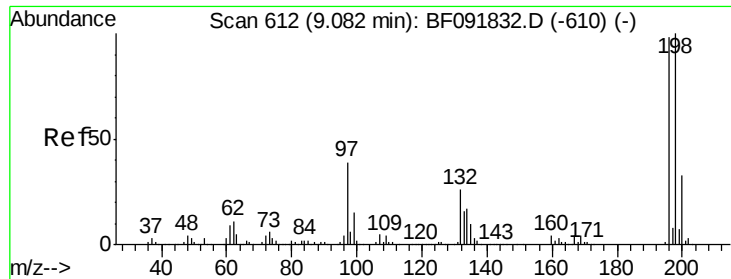
#42
 2,4,6-Trichlorophenol
 Concen: 39.40 ng
 RT: 8.86 min Scan# 619
 Delta R.T. -0.07 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion:196 Resp: 423643
 Ion Ratio Lower Upper
 196 100
 198 101.0 82.1 123.1
 200 32.6 27.0 40.4



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

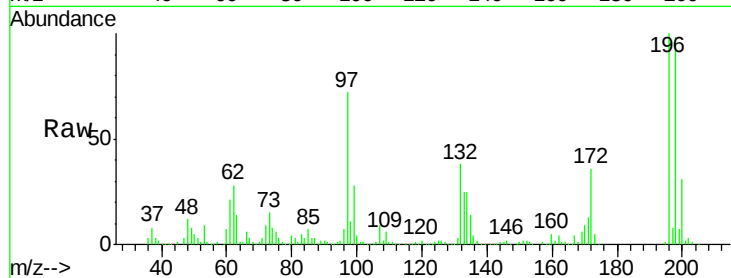




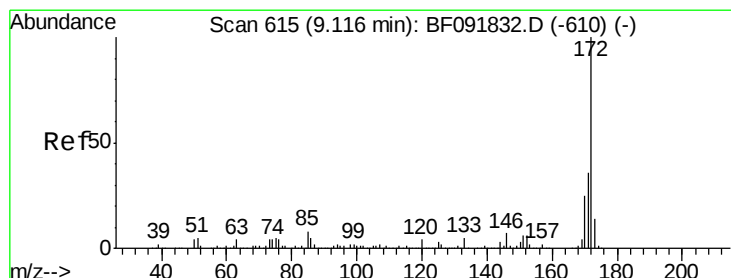
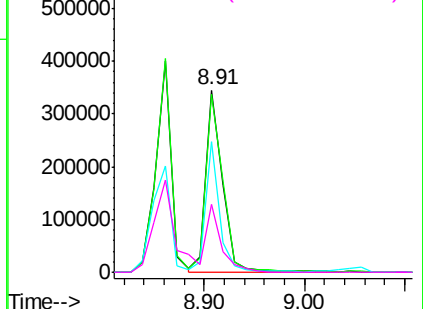
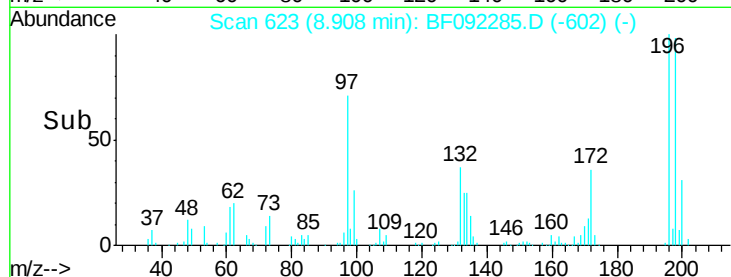
#43
2,4,5-Trichlorophenol
Concen: 35.67 ng
RT: 8.91 min Scan# 623
Delta R.T. -0.07 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tgt Ion:196 Resp: 394653
Ion Ratio Lower Upper
196 100
198 97.7 79.4 119.2
97 71.5 51.5 77.3
132 37.5 27.4 41.2

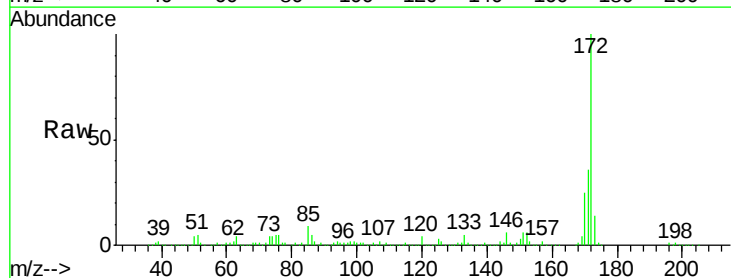


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

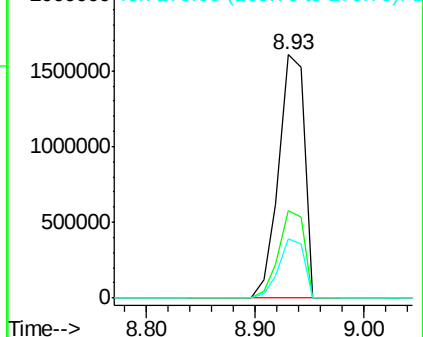
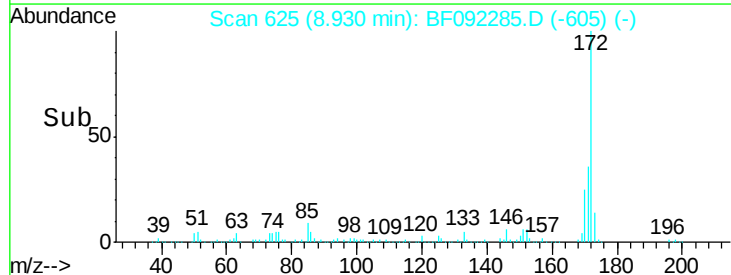


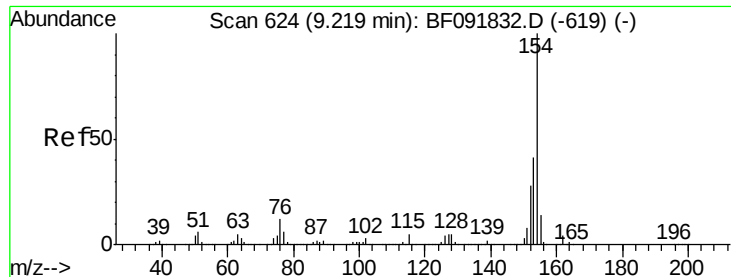
#44
2-Fluorobiphenyl
Concen: 90.38 ng
RT: 8.93 min Scan# 625
Delta R.T. -0.08 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:172 Resp: 2659710
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.5 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

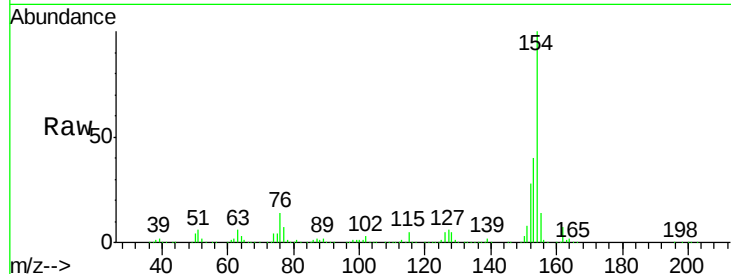




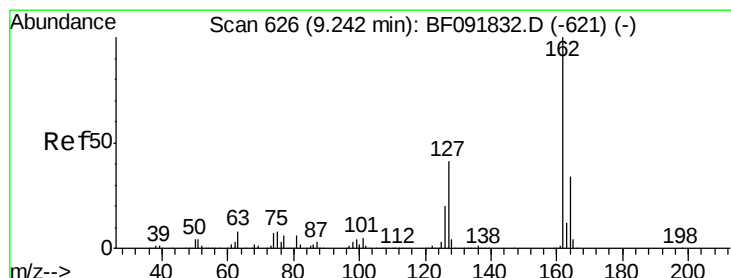
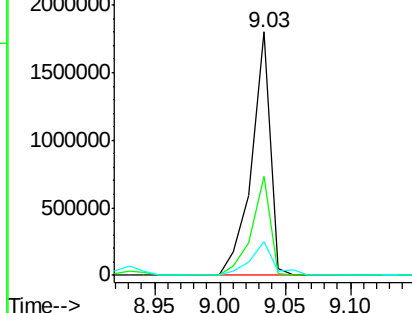
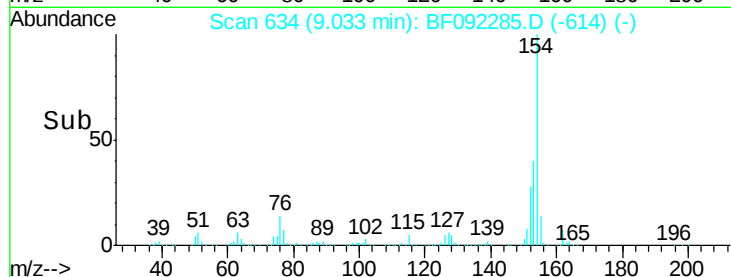
#45
 1,1'-Biphenyl
 Concen: 43.01 ng
 RT: 9.03 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tgt Ion:154 Resp: 1791887
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.9 60.9
 76 13.8 0.0 30.5

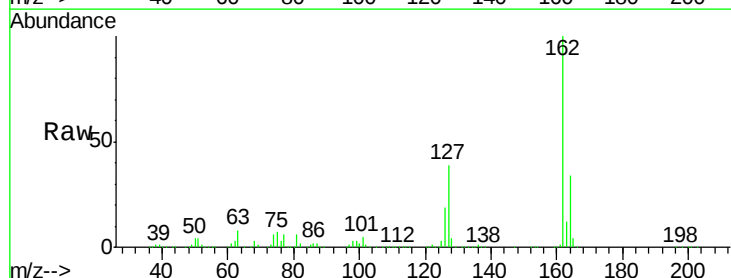


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

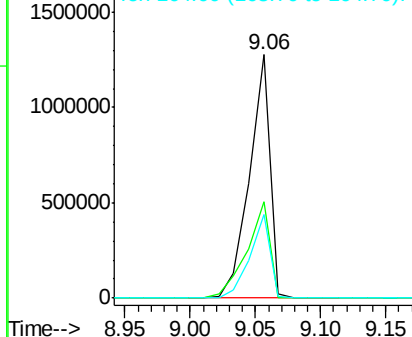
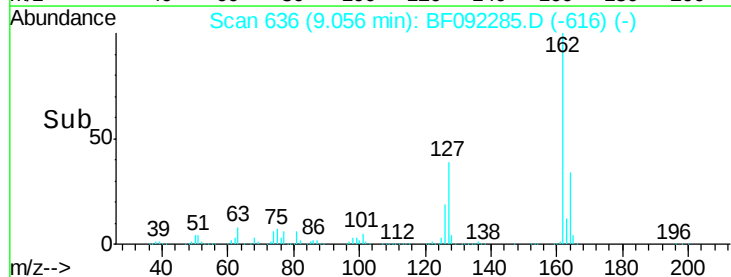


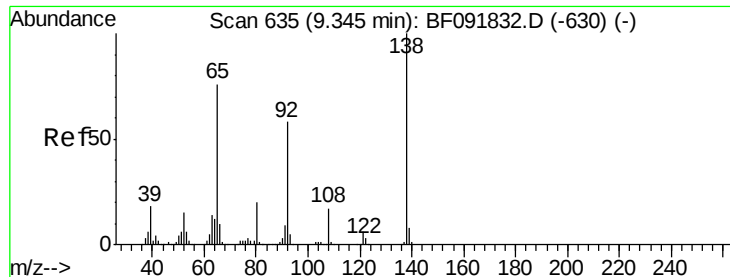
#46
 2-Chloronaphthalene
 Concen: 42.30 ng
 RT: 9.06 min Scan# 636
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion:162 Resp: 1395667
 Ion Ratio Lower Upper
 162 100
 127 39.5 30.7 46.1
 164 34.1 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.15 ng

RT: 9.16 min Scan# 645

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

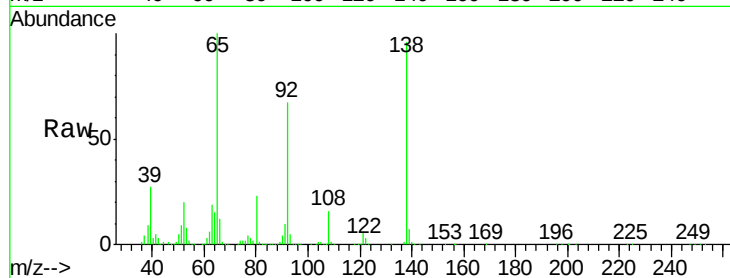
Tgt Ion: 65 Resp: 424667

Ion Ratio Lower Upper

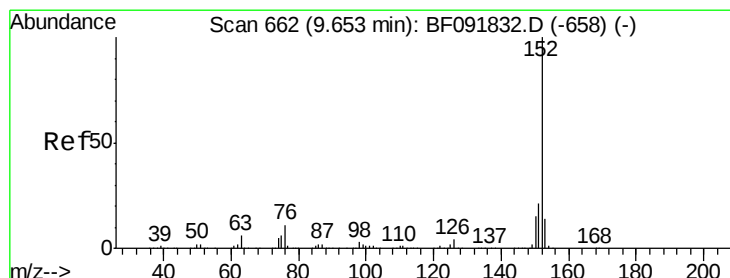
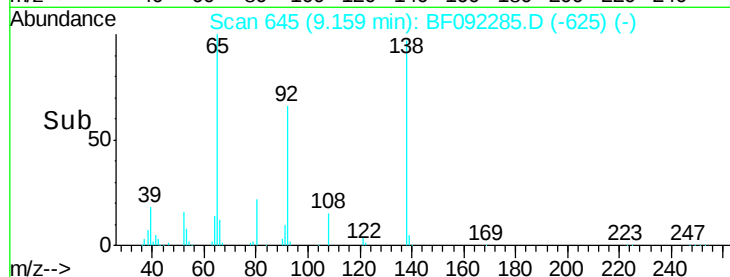
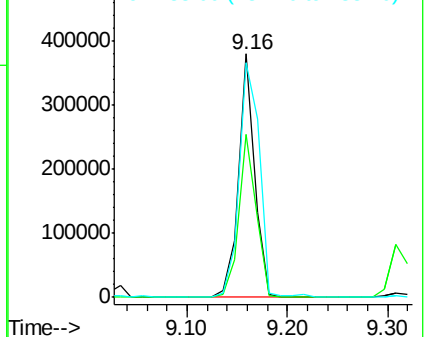
65 100

92 67.1 53.9 80.9

138 96.5 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.86 ng

RT: 9.47 min Scan# 672

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

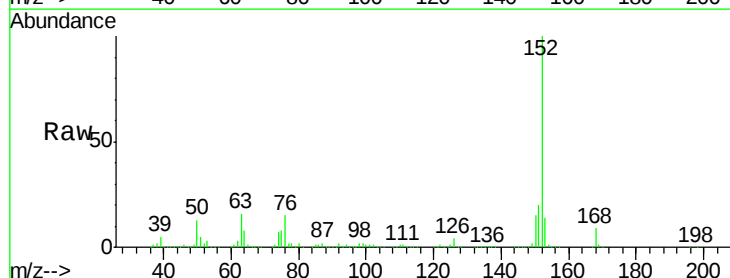
Tgt Ion: 152 Resp: 2123916

Ion Ratio Lower Upper

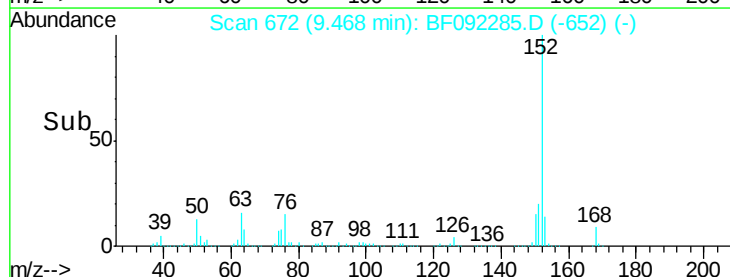
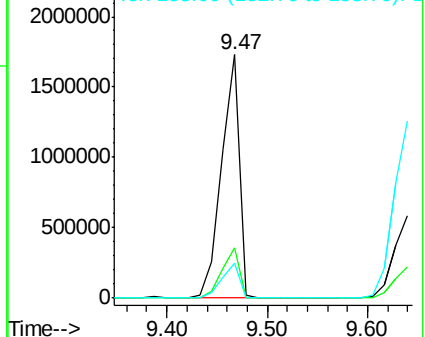
152 100

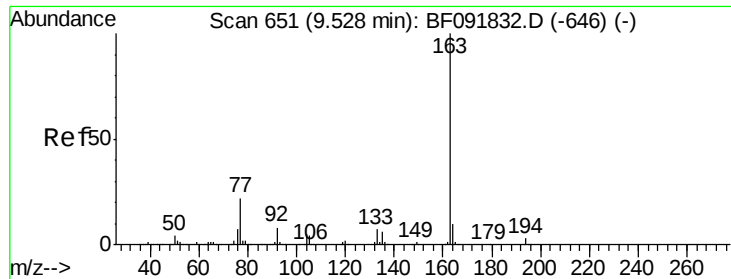
151 20.5 16.9 25.3

153 14.2 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

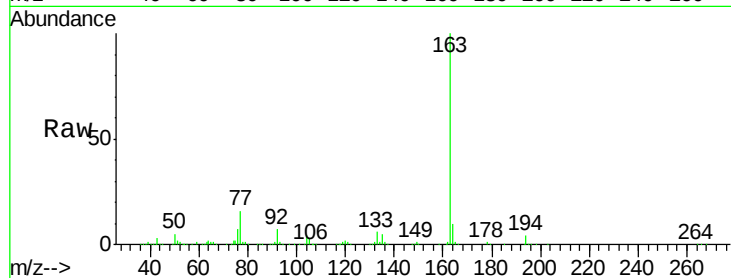




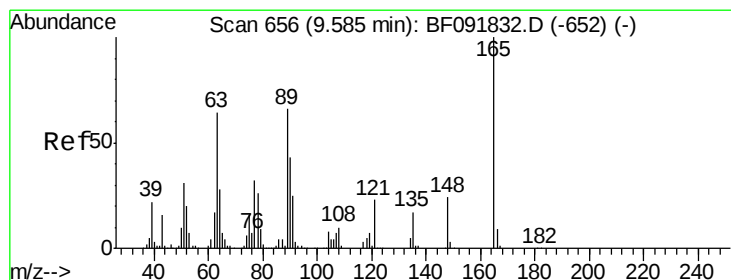
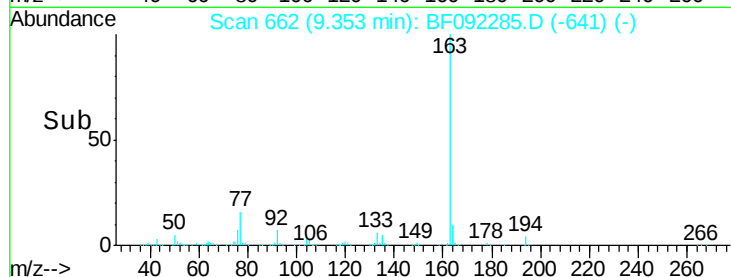
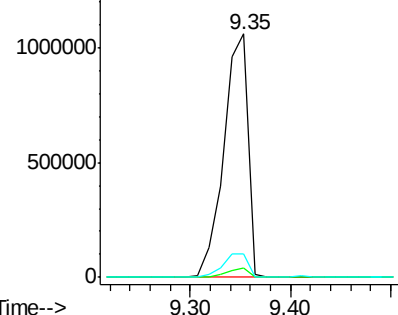
#49
Dimethylphthalate
Concen: 45.28 ng
RT: 9.35 min Scan# 662
Delta R.T. -0.07 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tgt Ion:163 Resp: 1762215
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.7 8.0 12.0

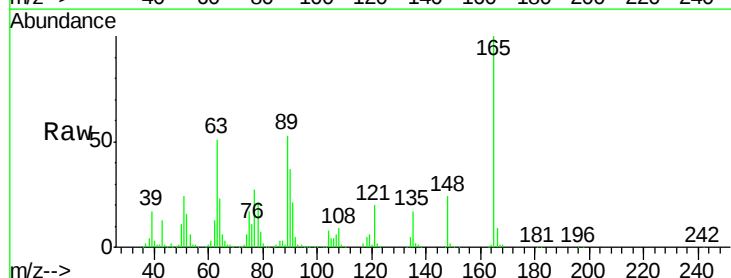


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

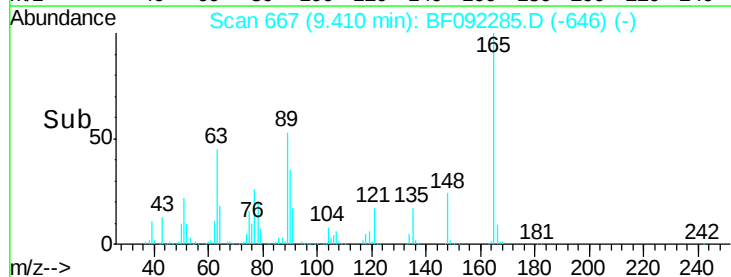
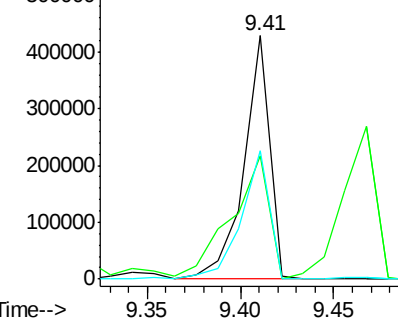


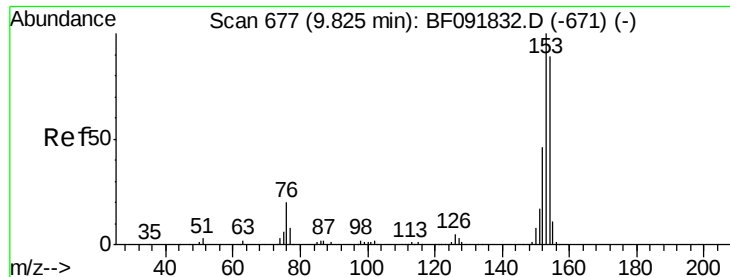
#50
2,6-Dinitrotoluene
Concen: 47.89 ng
RT: 9.41 min Scan# 667
Delta R.T. -0.07 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:165 Resp: 407959
Ion Ratio Lower Upper
165 100
63 50.5 36.2 54.4
89 53.0 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: 41.65 ng

RT: 9.64 min Scan# 687

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

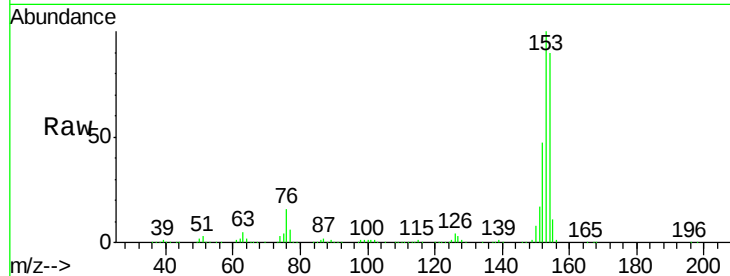
Tgt Ion:154 Resp: 1432871

Ion Ratio Lower Upper

154 100

153 111.1 88.6 133.0

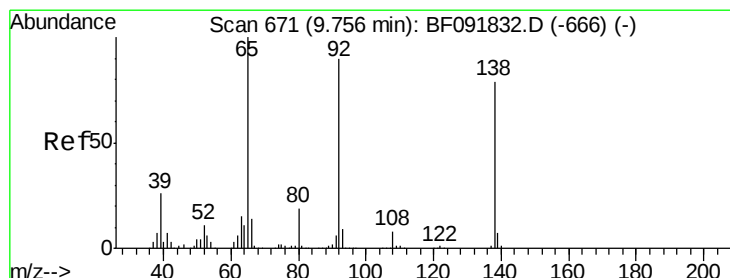
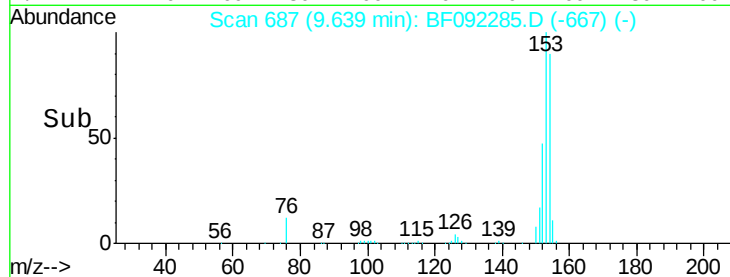
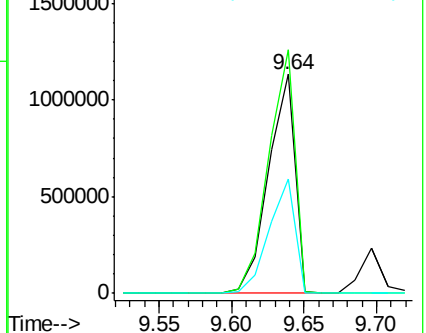
152 52.0 41.6 62.4



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: 21.55 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

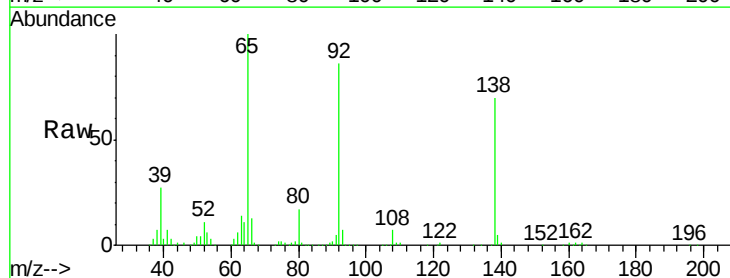
Tgt Ion:138 Resp: 227125

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

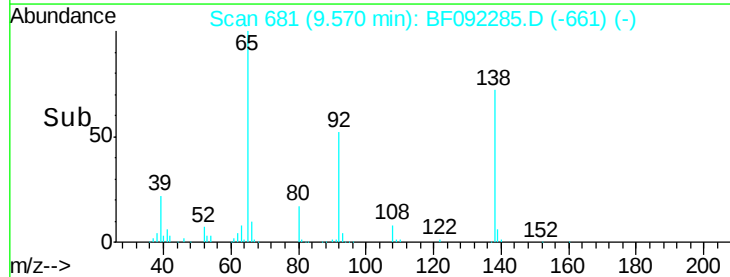
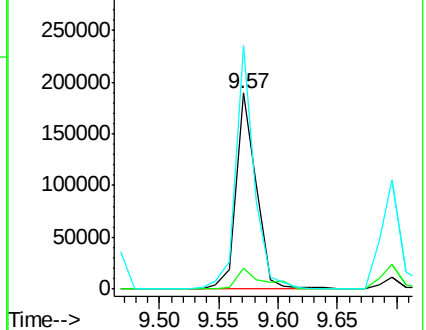
92 124.3 97.8 146.8

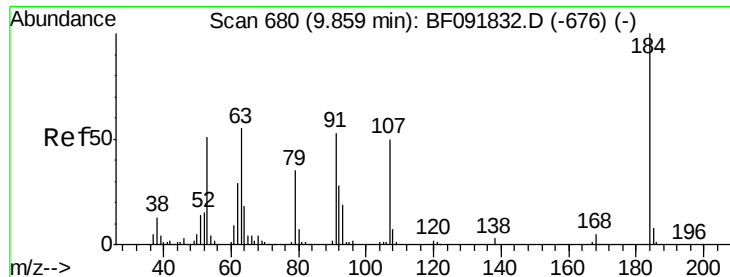


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

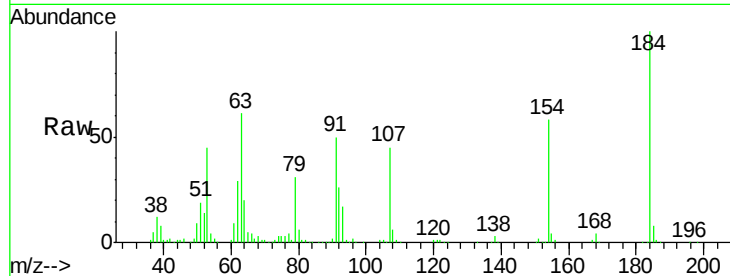




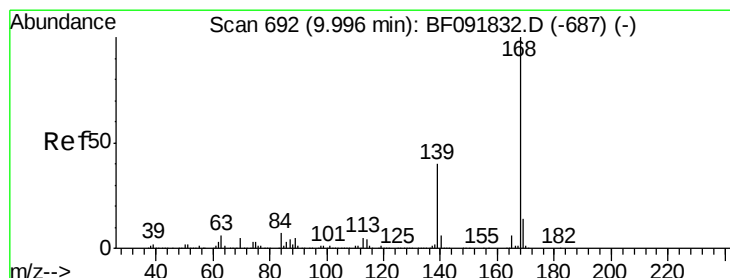
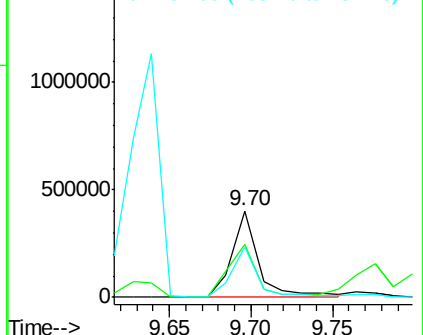
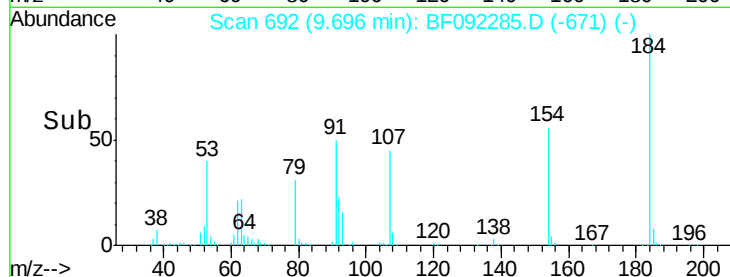
#53
2,4-Dinitrophenol
Concen: 96.68 ng
RT: 9.70 min Scan# 692
Delta R.T. -0.07 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampled :
PB96012BS

Tgt Ion:184 Resp: 458207
Ion Ratio Lower Upper
184 100
63 60.6 28.4 42.6#
154 58.2 44.3 66.5

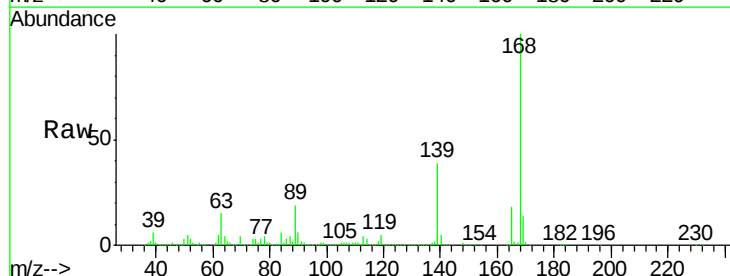


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

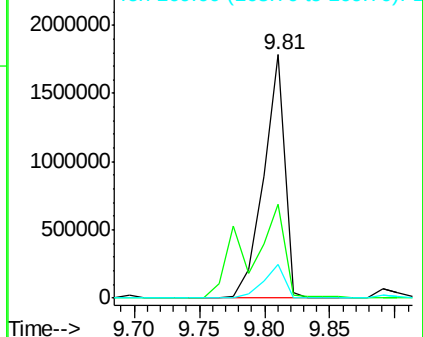
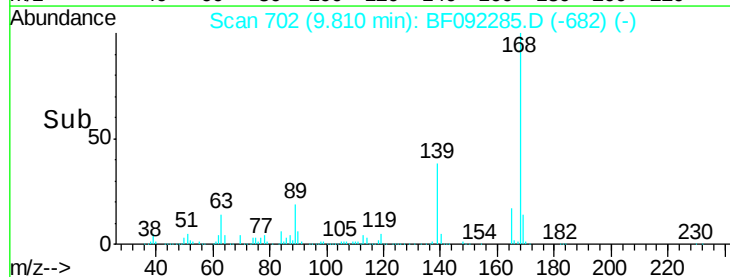


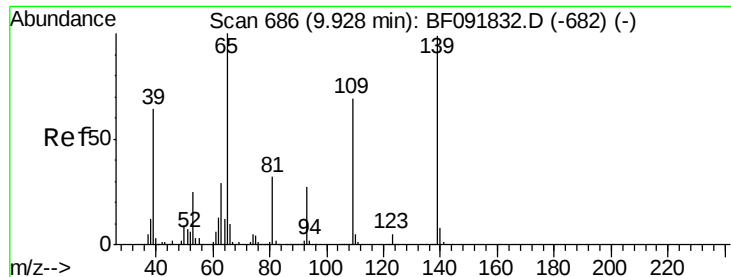
#54
Dibenzofuran
Concen: 43.41 ng
RT: 9.81 min Scan# 702
Delta R.T. -0.08 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:168 Resp: 2016600
Ion Ratio Lower Upper
168 100
139 38.6 32.6 49.0
169 13.8 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: 190.73 ng

RT: 9.81 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

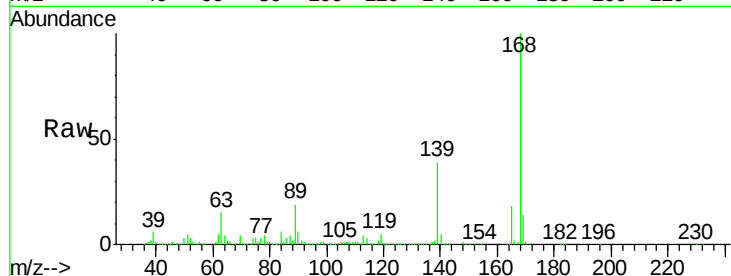
Tgt Ion:139 Resp: 1365134

Ion Ratio Lower Upper

139 100

109 2.5 52.2 92.2#

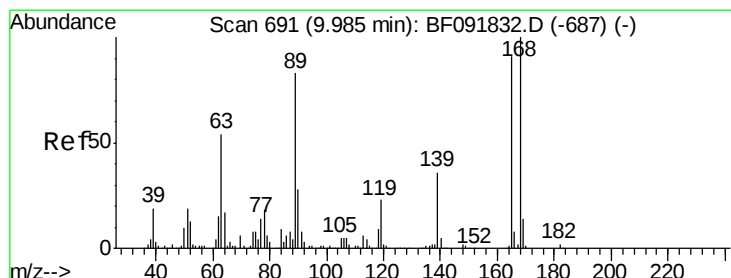
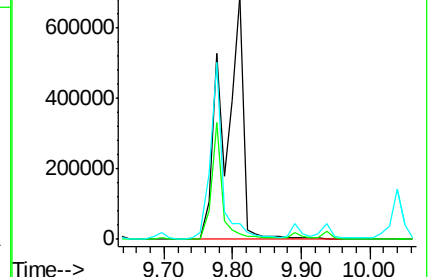
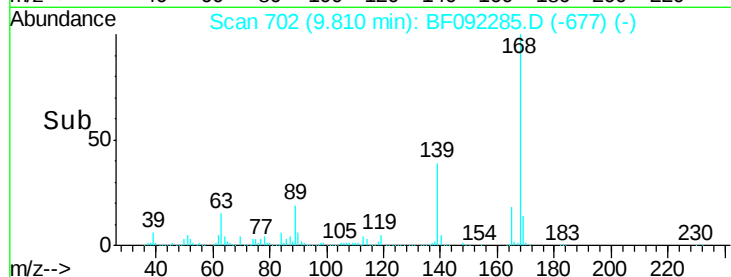
65 6.3 85.8 125.8#



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: 42.39 ng

RT: 9.81 min Scan# 702

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Tgt Ion:165 Resp: 453192

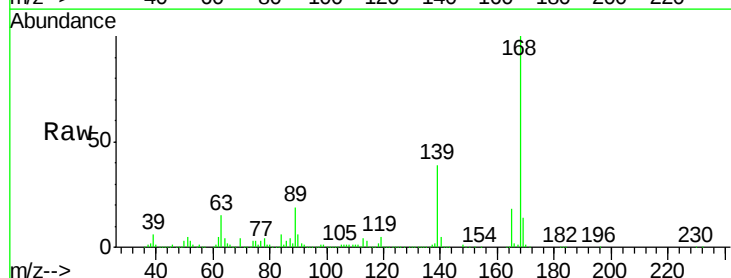
Ion Ratio Lower Upper

165 100

63 82.8 40.2 60.4#

89 106.2 62.5 93.7#

182 2.2 1.8 2.8

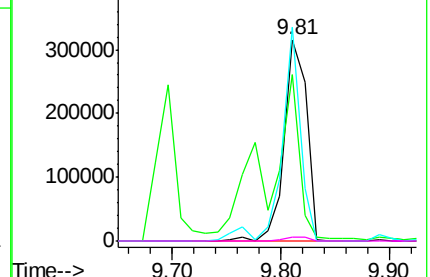
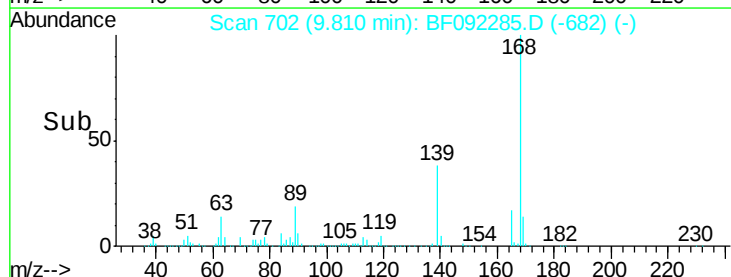


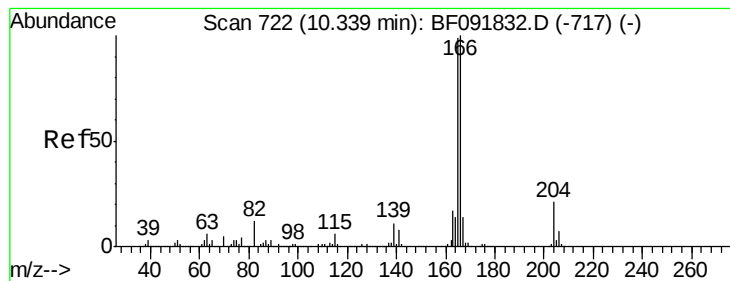
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.15 ng

RT: 10.15 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

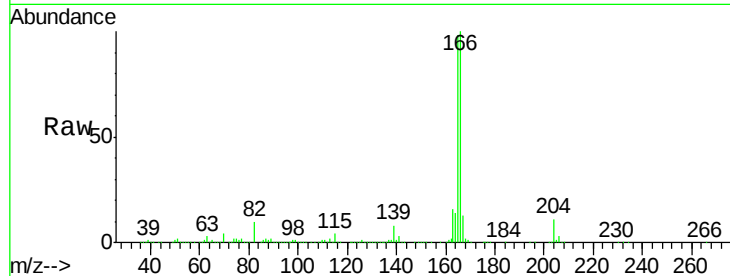
Tgt Ion:166 Resp: 1593761

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

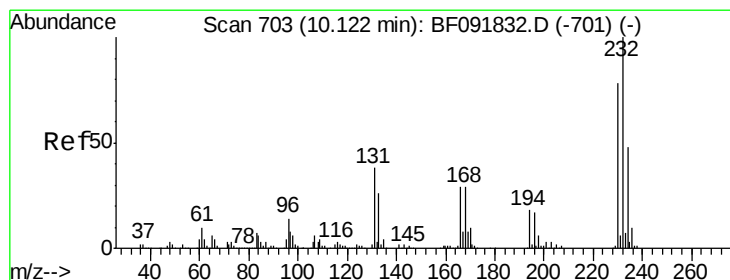
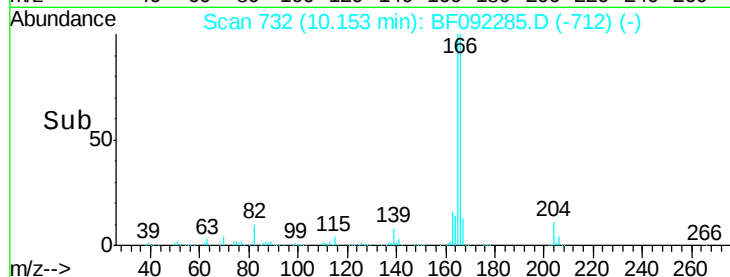
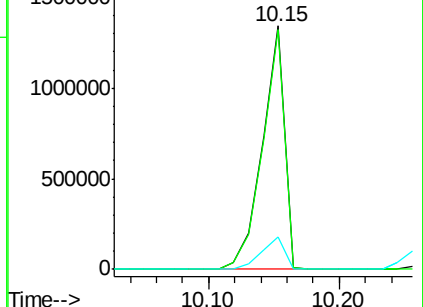
167 13.4 10.8 16.2



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: 47.89 ng

RT: 9.94 min Scan# 713

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Tgt Ion:232 Resp: 419103

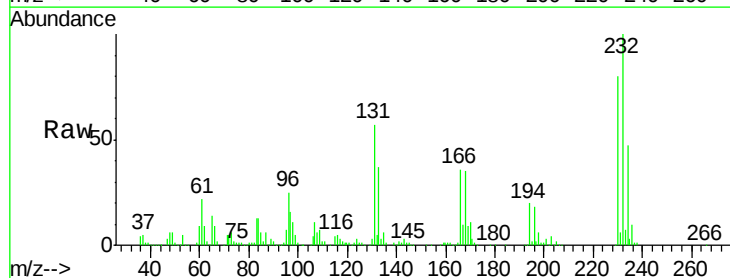
Ion Ratio Lower Upper

232 100

131 47.3 40.1 60.1

130 2.3 1.8 2.8

166 29.4 26.6 39.8

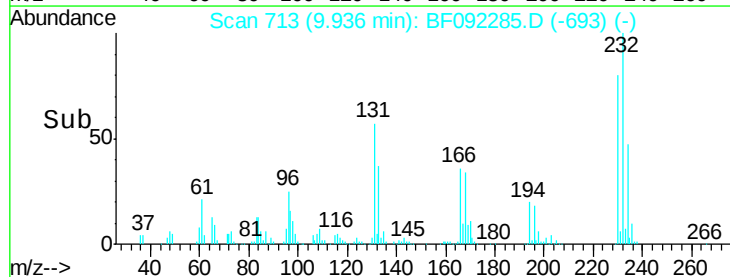
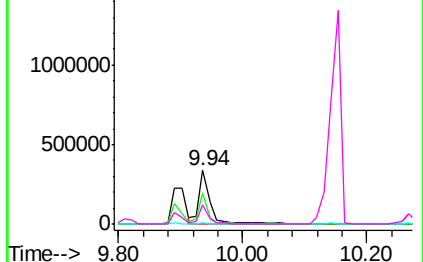


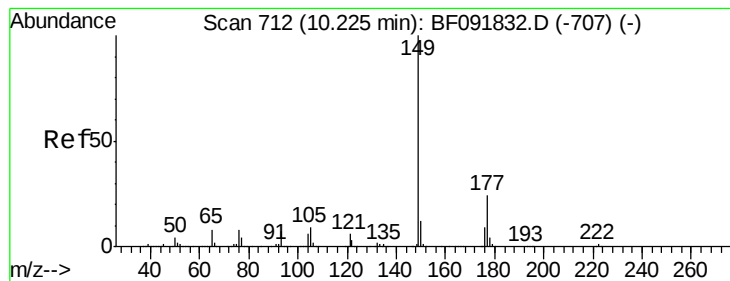
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.02 ng

RT: 10.04 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

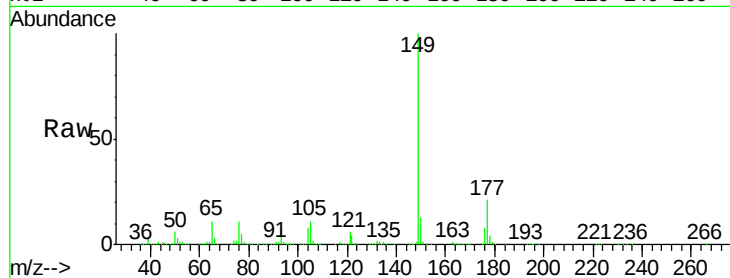
Tgt Ion:149 Resp: 1701480

Ion Ratio Lower Upper

149 100

177 21.2 16.6 25.0

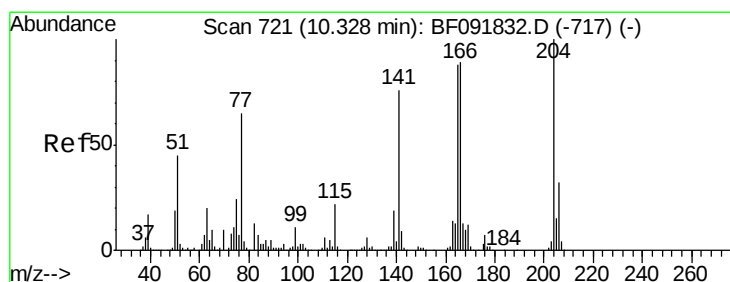
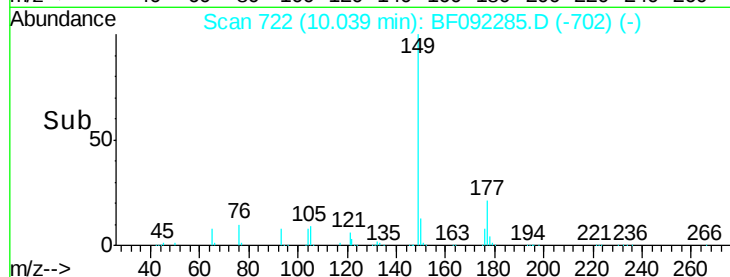
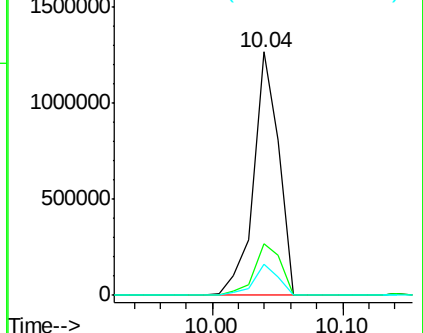
150 13.0 10.4 15.6



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: 41.01 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

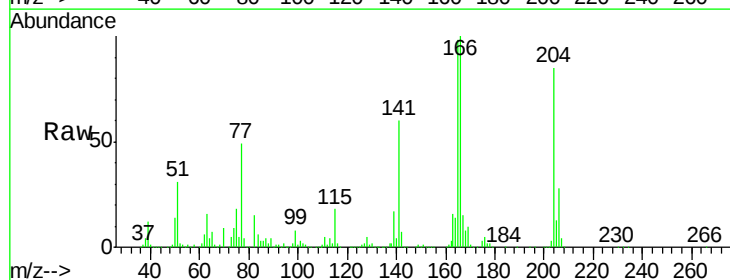
Tgt Ion:204 Resp: 606990

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

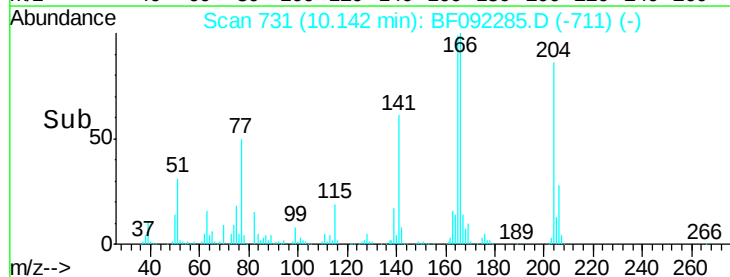
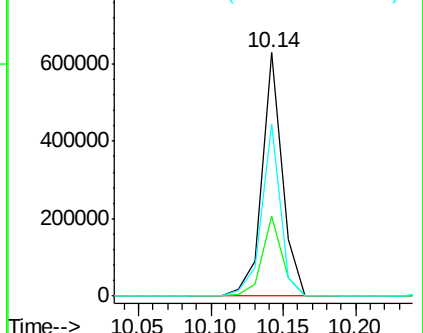
141 70.6 59.4 89.0

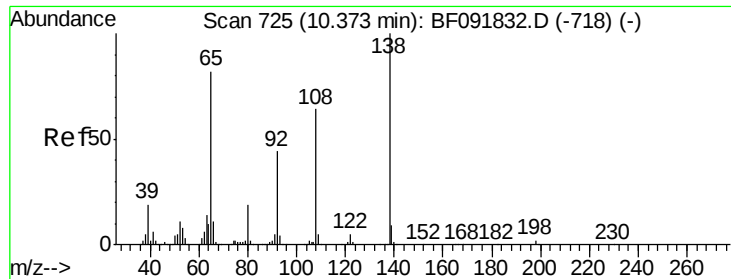


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

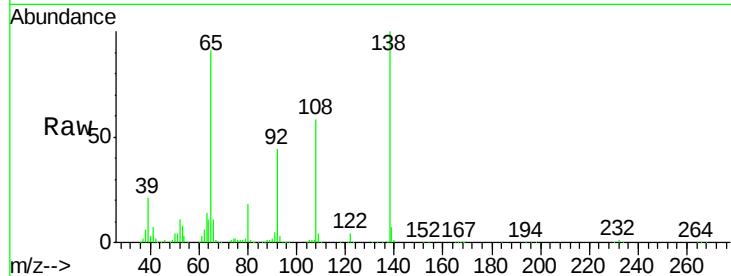




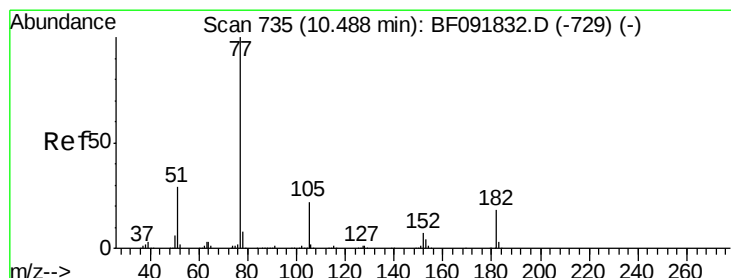
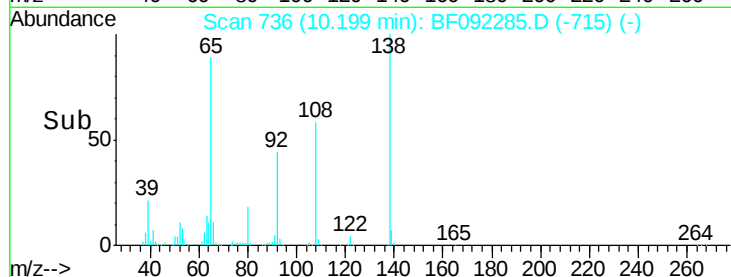
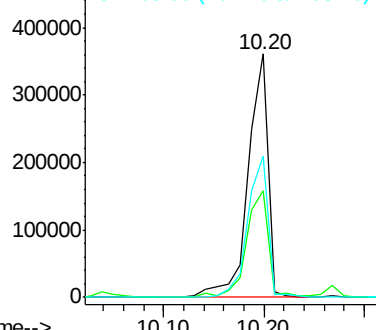
#61
4-Nitroaniline
Concen: 45.38 ng
RT: 10.20 min Scan# 736
Delta R.T. -0.07 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Tgt Ion:138 Resp: 495770
Ion Ratio Lower Upper
138 100
92 43.8 31.7 71.7
108 58.1 52.6 92.6

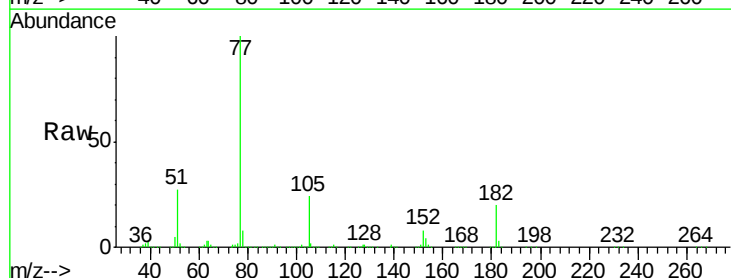


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

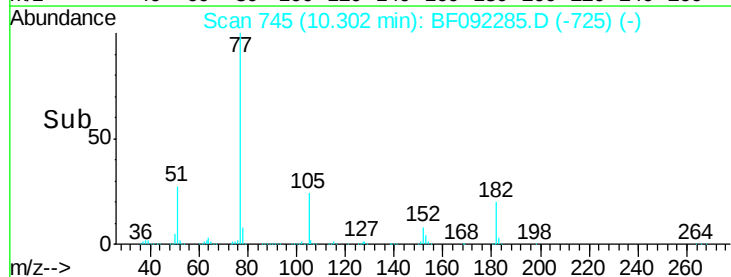
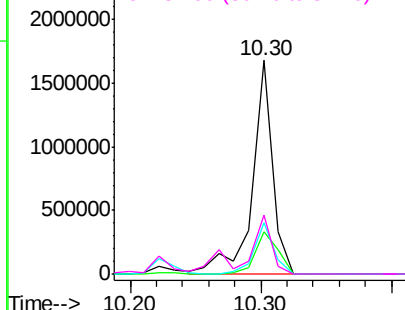


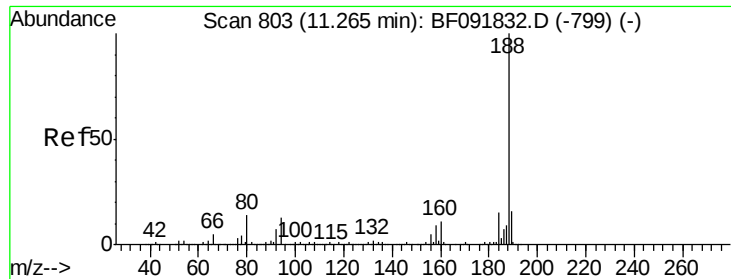
#62
Azobenzene
Concen: 43.95 ng
RT: 10.30 min Scan# 745
Delta R.T. -0.08 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion: 77 Resp: 1828658
Ion Ratio Lower Upper
77 100
182 19.7 0.0 39.3
105 24.1 2.3 42.3
51 27.4 8.9 48.9



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

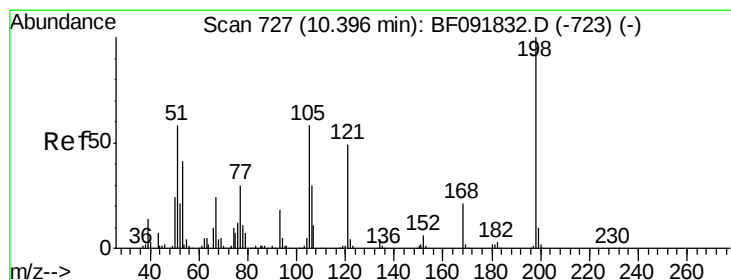
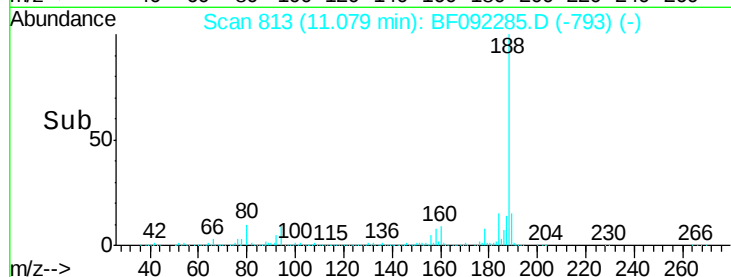
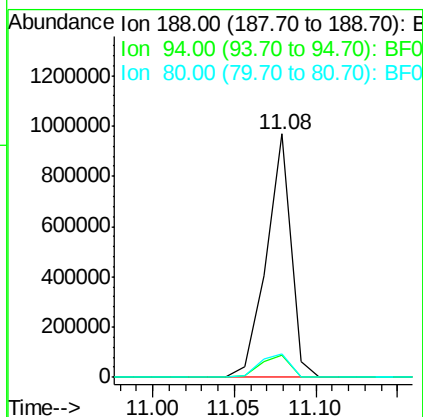
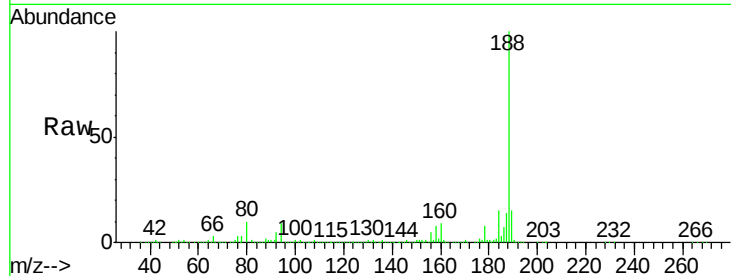




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.08 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

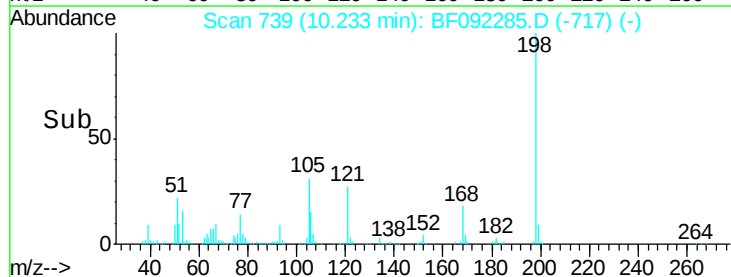
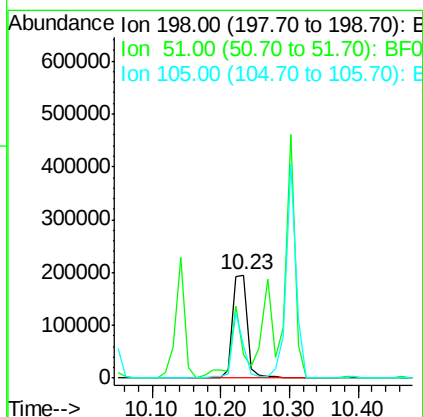
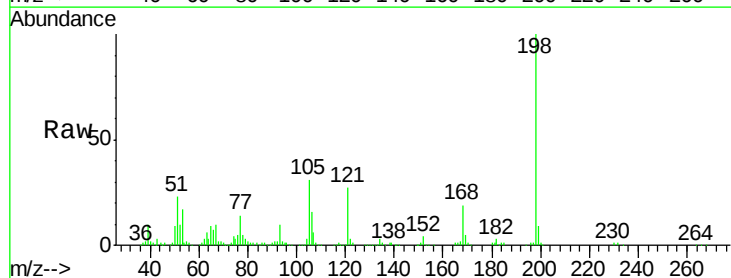
Instrument :
BNA_F
ClientSampleId :
PB96012BS

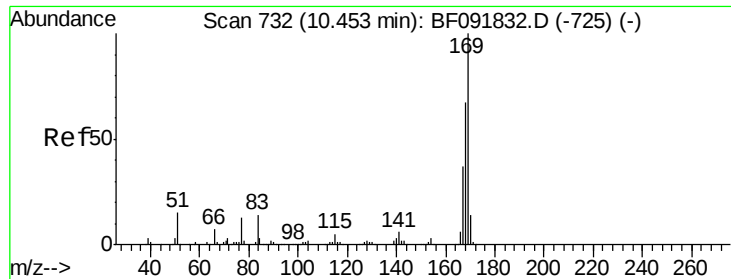
Tgt Ion:188 Resp: 1014296
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.9 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 49.85 ng
RT: 10.23 min Scan# 739
Delta R.T. -0.05 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:198 Resp: 305750
Ion Ratio Lower Upper
198 100
51 22.7 6.7 46.7
105 30.8 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 43.93 ng

RT: 10.27 min Scan# 742

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

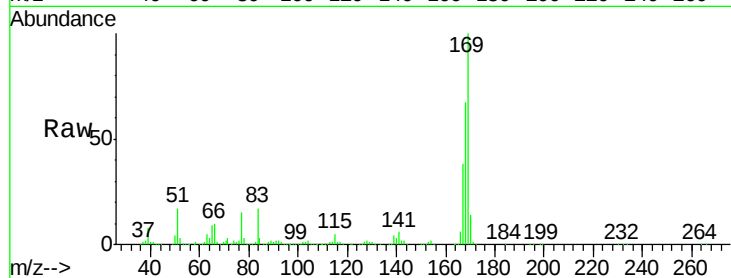
Tgt Ion:169 Resp: 1322119

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

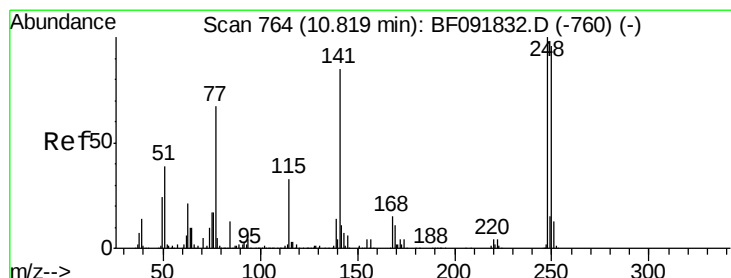
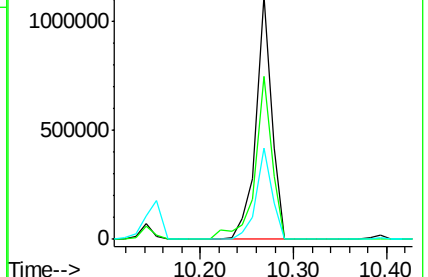
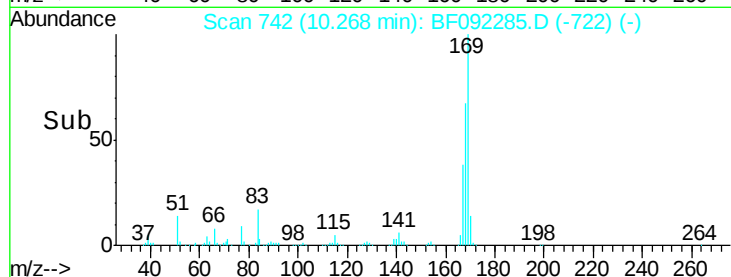
167 37.6 30.2 45.4



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: 46.27 ng

RT: 10.63 min Scan# 774

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

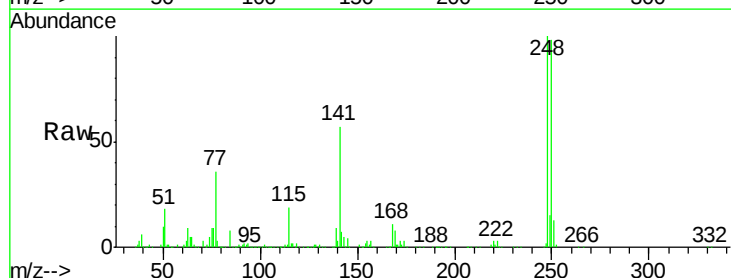
Tgt Ion:248 Resp: 488220

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

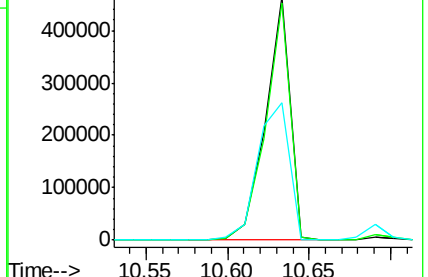
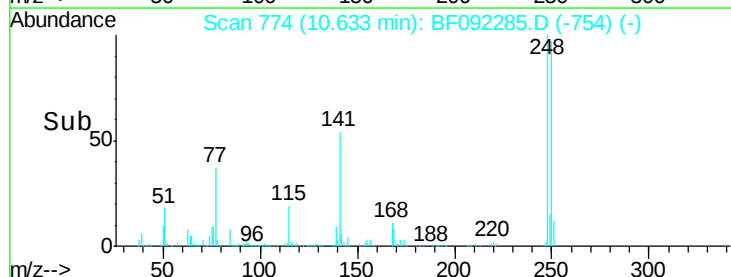
141 56.7 68.2 102.4#

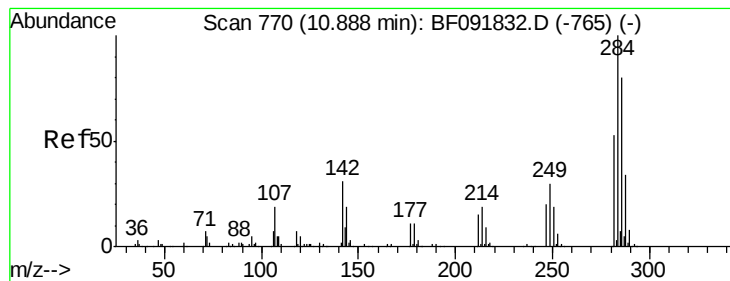


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.81 ng

RT: 10.69 min Scan# 779

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

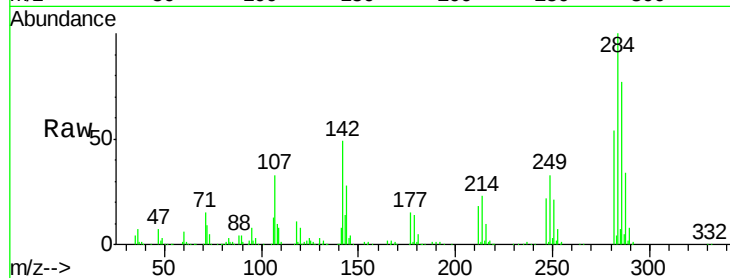
Tgt Ion:284 Resp: 471515

Ion Ratio Lower Upper

284 100

142 48.8 22.6 33.8#

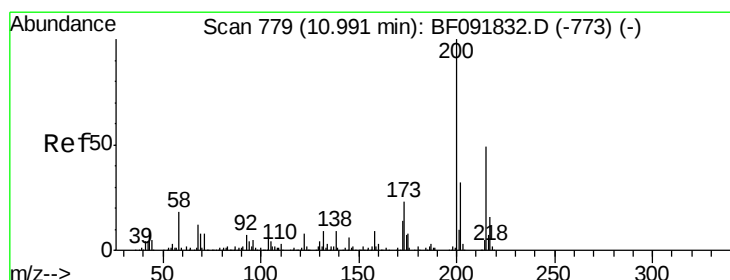
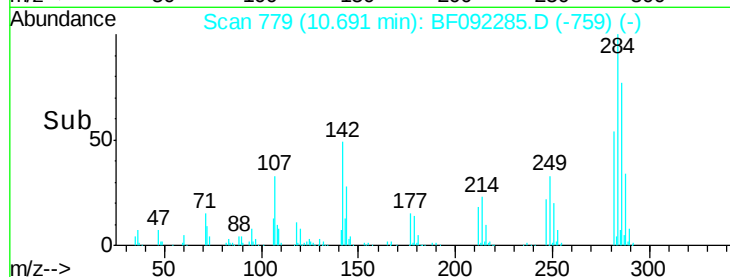
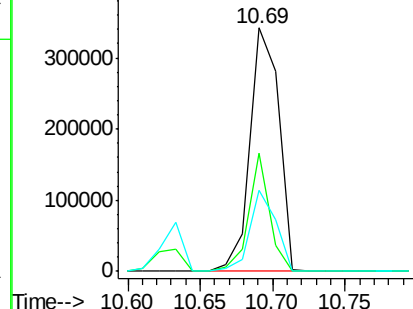
249 33.3 25.4 38.0



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: 40.41 ng

RT: 10.80 min Scan# 789

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

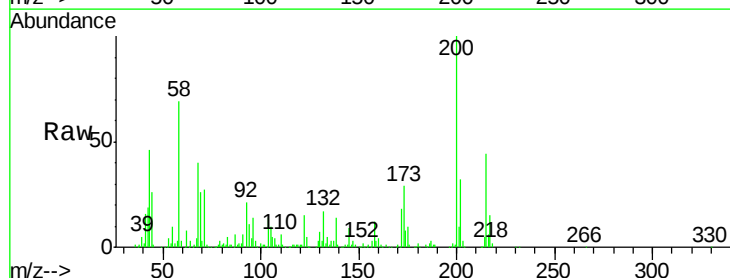
Tgt Ion:200 Resp: 392370

Ion Ratio Lower Upper

200 100

173 29.0 9.6 49.6

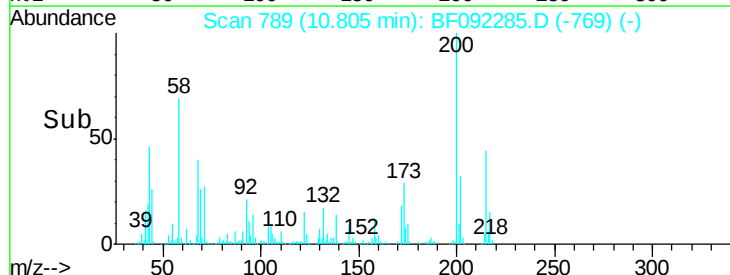
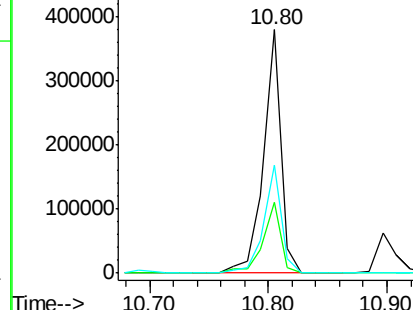
215 44.4 25.7 65.7

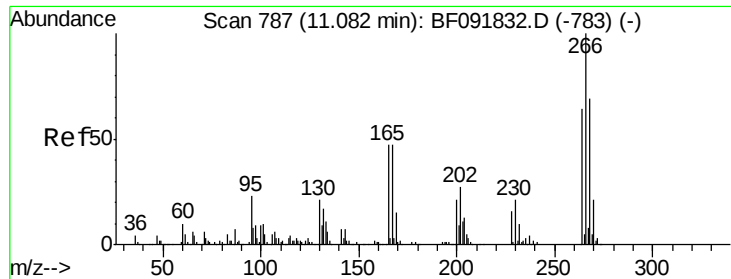


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

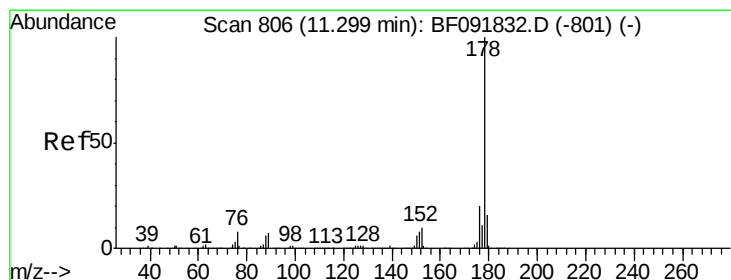
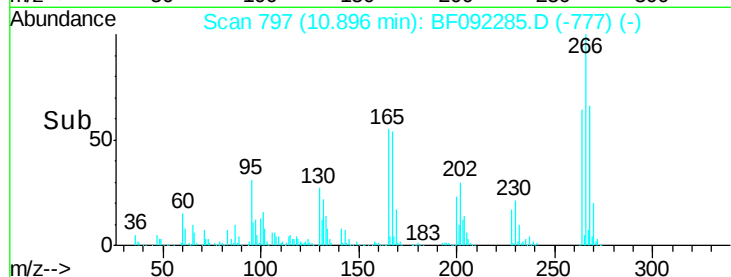
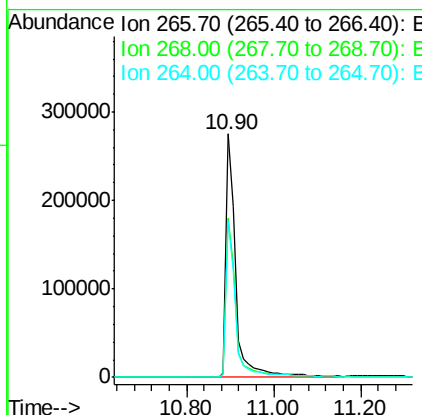
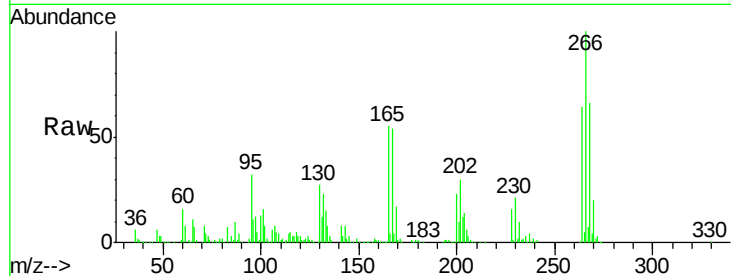




#69
 Pentachlorophenol
 Concen: 76.73 ng
 RT: 10.90 min Scan# 797
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

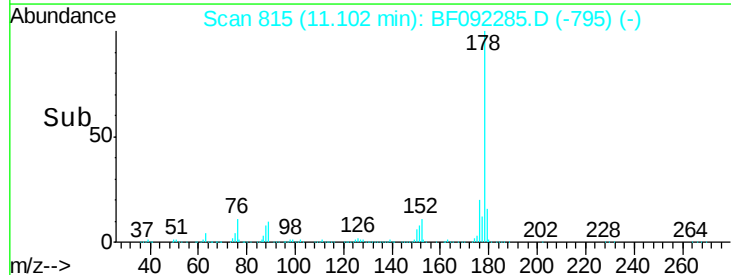
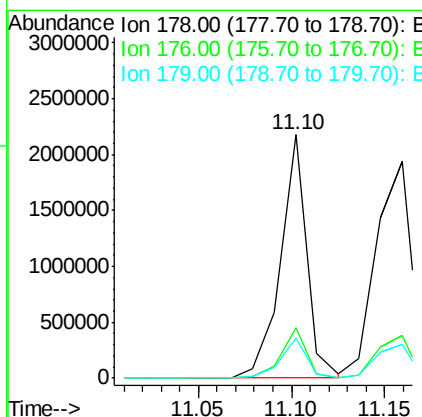
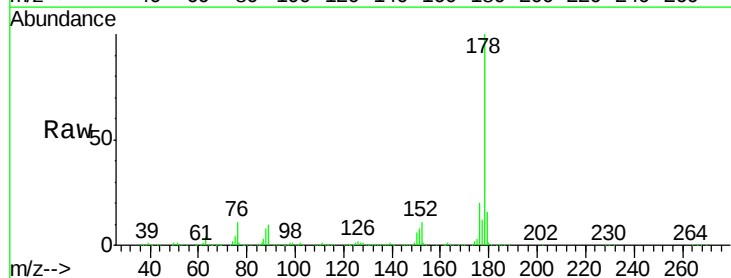
Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

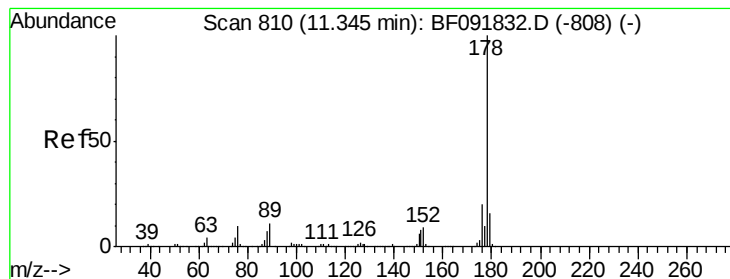
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	53.3	79.9
264	64.1	50.3	75.5



#70
 Phenanthrene
 Concen: 38.80 ng
 RT: 11.10 min Scan# 815
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	25.0
179	16.4	12.8	19.2





#71

Anthracene

Concen: 54.04 ng

RT: 11.16 min Scan# 820

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

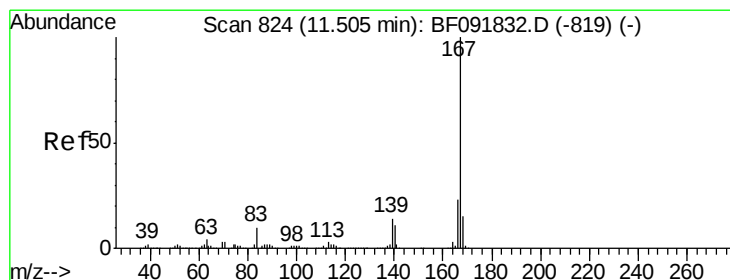
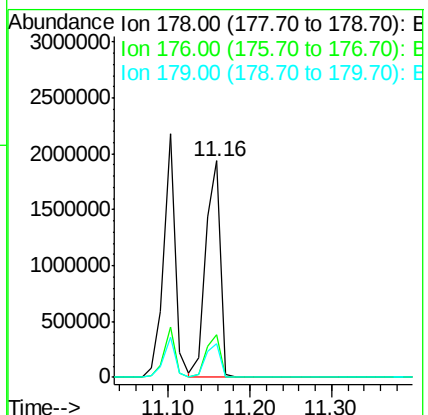
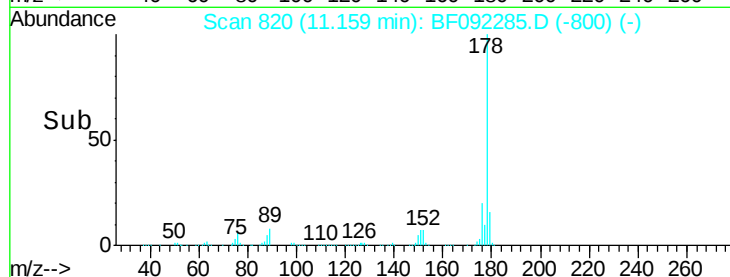
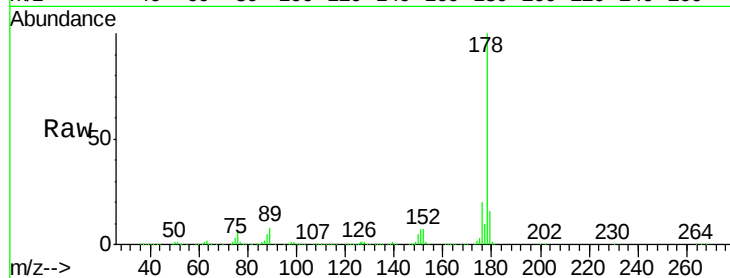
Tgt Ion:178 Resp: 2455043

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 15.8 13.2 19.8



#72

Carbazole

Concen: 57.47 ng

RT: 11.32 min Scan# 834

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

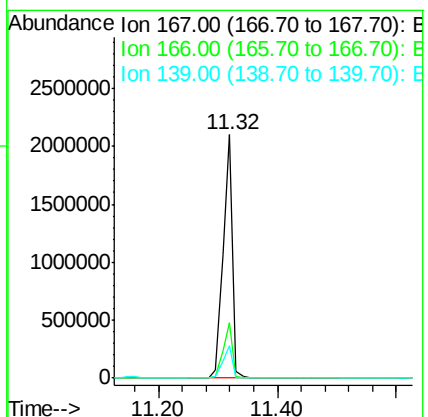
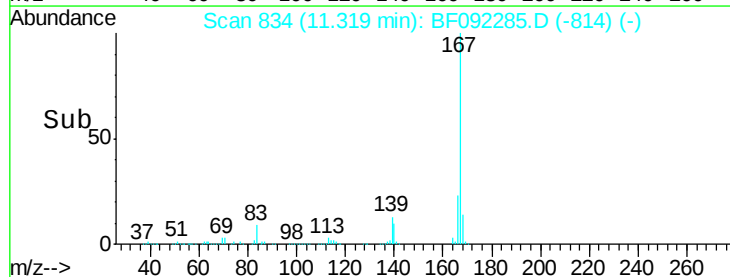
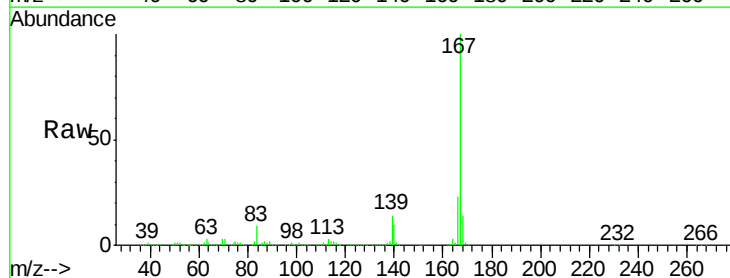
Tgt Ion:167 Resp: 2280953

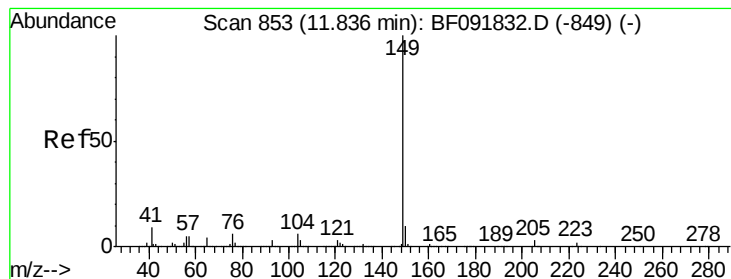
Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

139 13.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.69 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

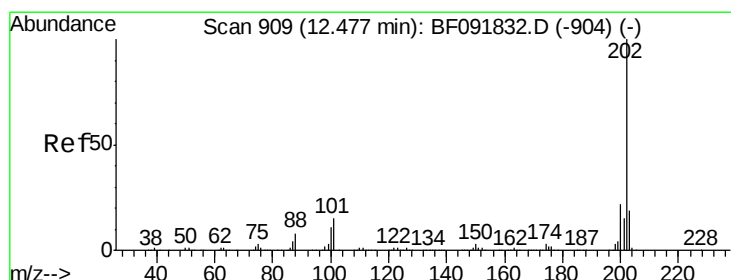
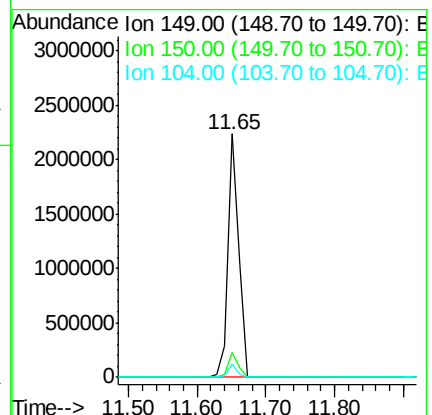
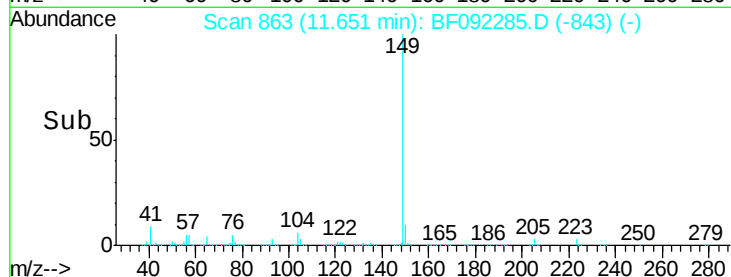
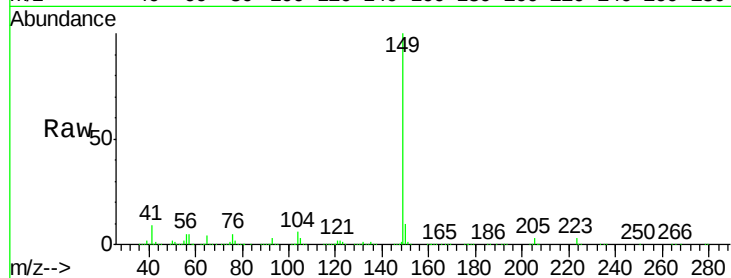
Tgt Ion:149 Resp: 2472380

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

104 5.6 4.6 7.0



#74

Fluoranthene

Concen: 44.14 ng

RT: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

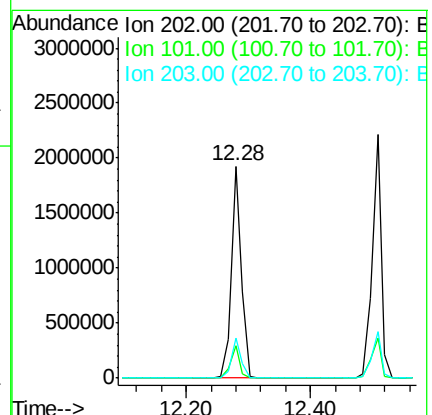
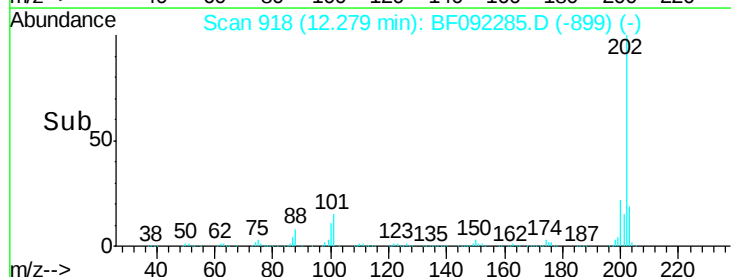
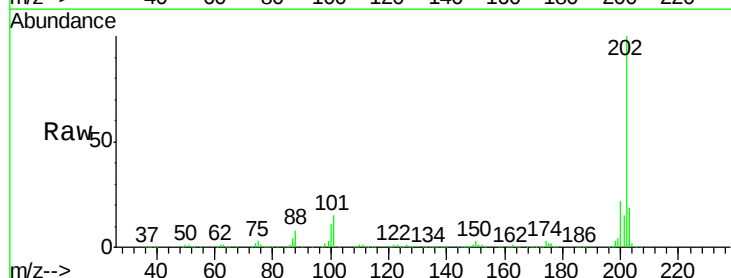
Tgt Ion:202 Resp: 2133503

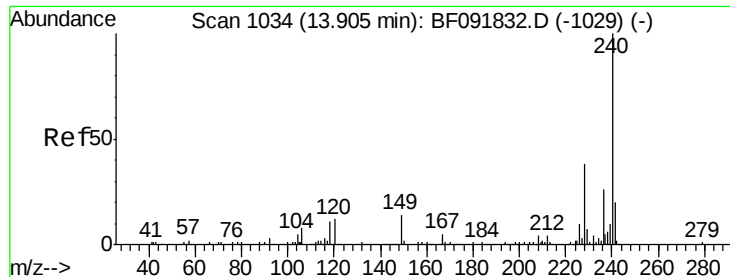
Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.6

203 18.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

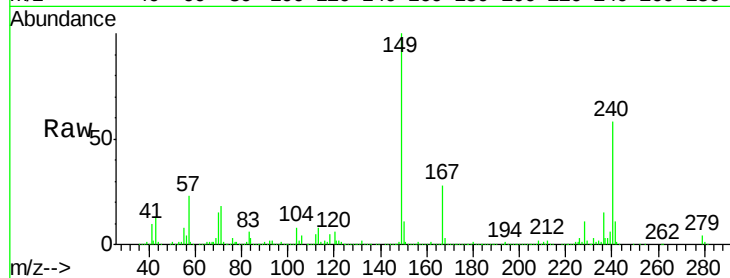
Tgt Ion:240 Resp: 649898

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

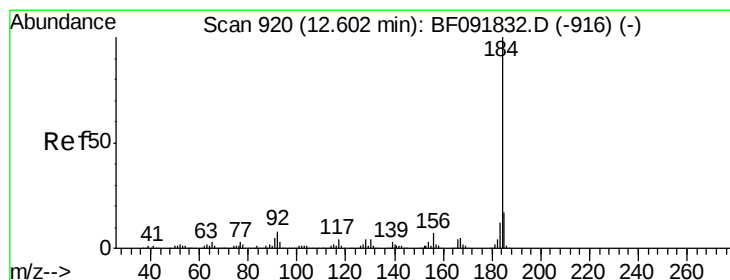
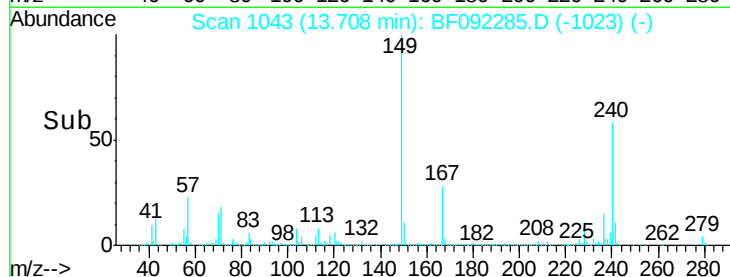
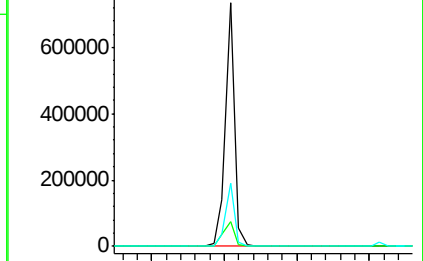
236 25.8 20.9 31.3



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: 54.66 ng

RT: 12.42 min Scan# 930

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

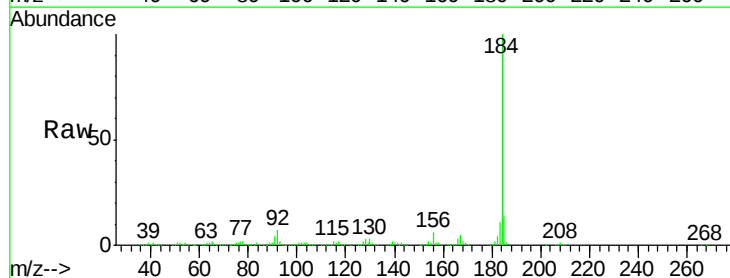
Tgt Ion:184 Resp: 861423

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

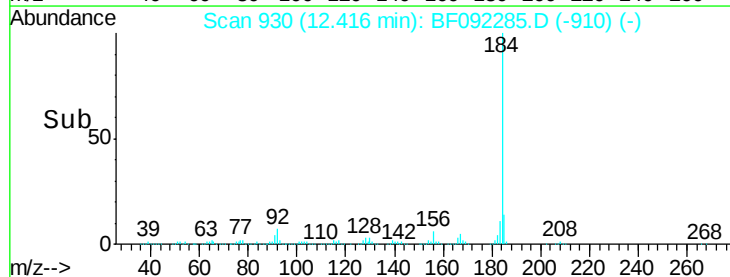
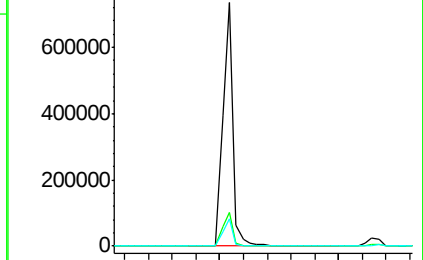
183 11.2 9.2 13.8

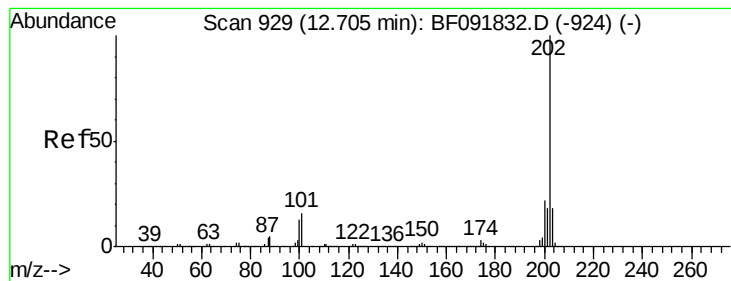


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.06 ng

RT: 12.51 min Scan# 938

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleID :

PB96012BS

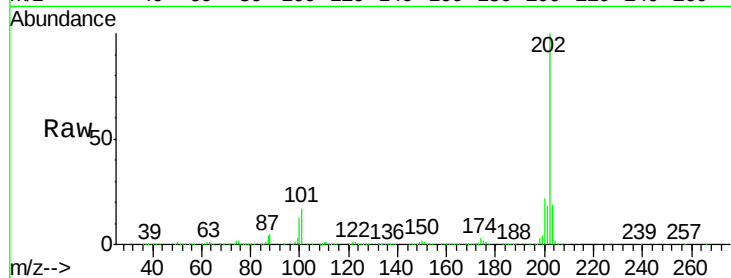
Tgt Ion:202 Resp: 2196201

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

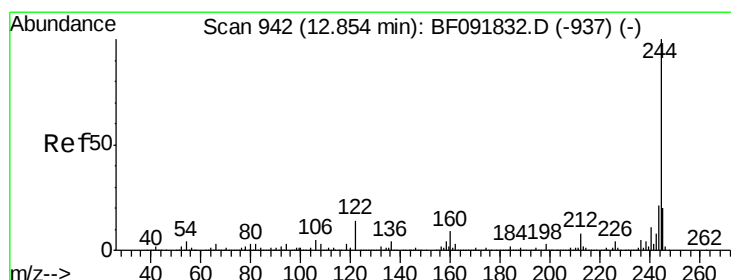
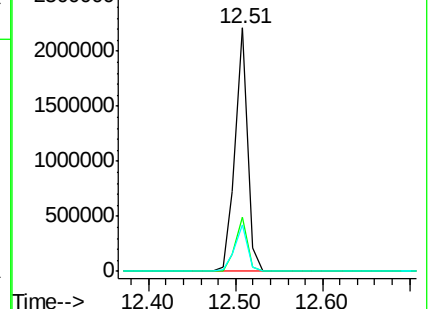
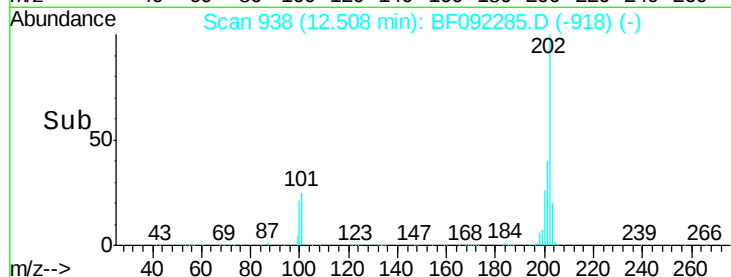
203 19.0 14.7 22.1



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: 98.09 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

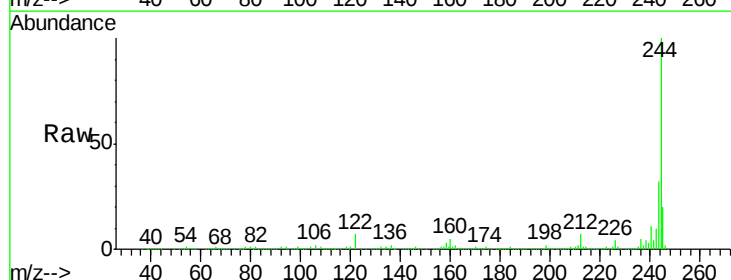
Tgt Ion:244 Resp: 2628390

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.2

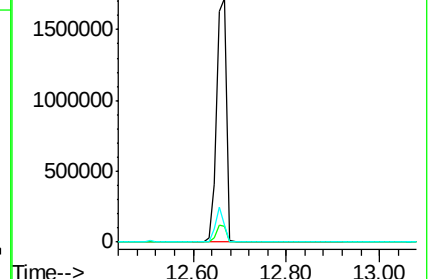
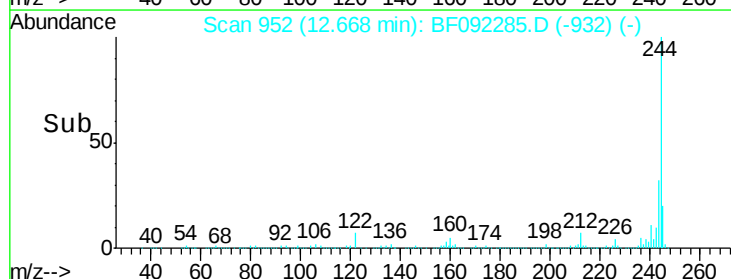
122 6.7 11.4 17.2#

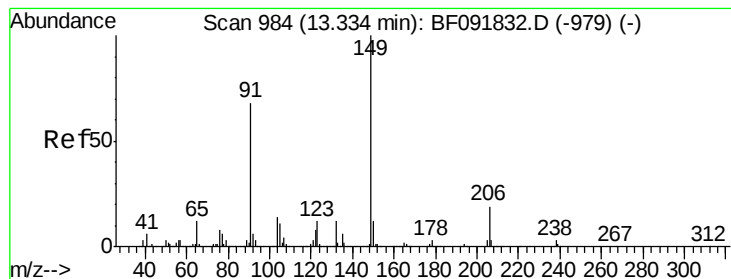


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.06 ng

RT: 13.14 min Scan# 993

Delta R.T. -0.09 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

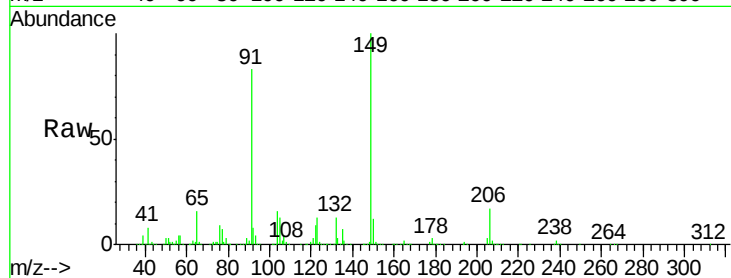
Tgt Ion:149 Resp: 1063968

Ion Ratio Lower Upper

149 100

91 82.5 63.9 95.9

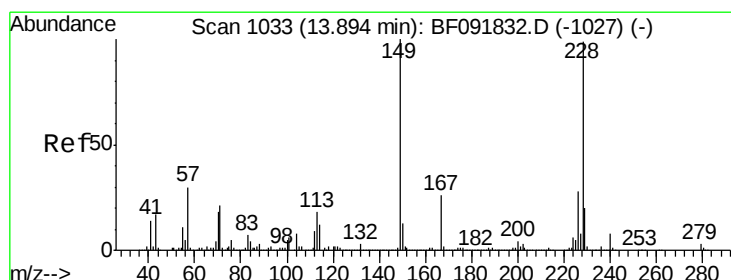
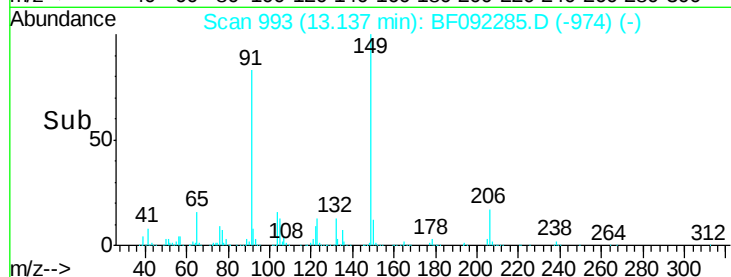
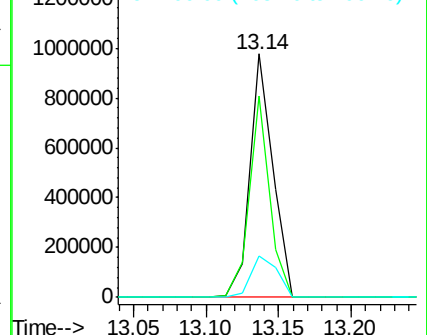
206 17.2 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.52 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

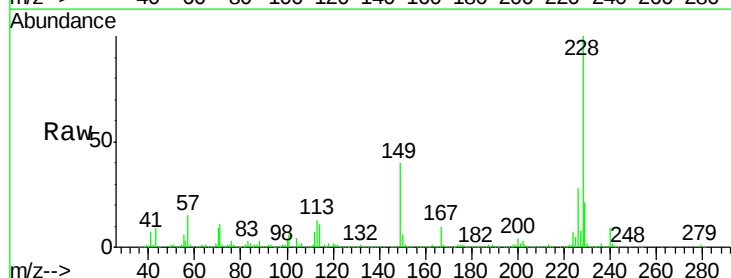
Tgt Ion:228 Resp: 1816699

Ion Ratio Lower Upper

228 100

226 28.3 22.4 33.6

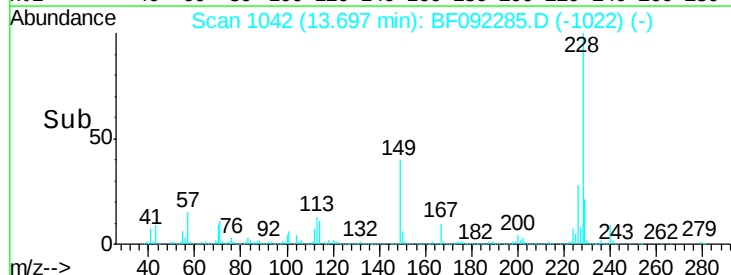
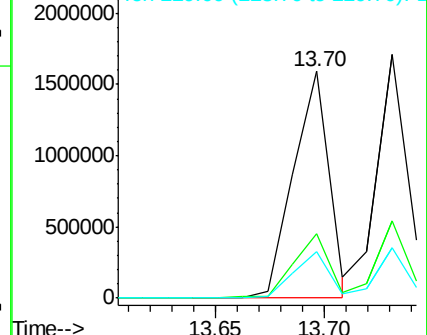
229 20.6 16.2 24.4

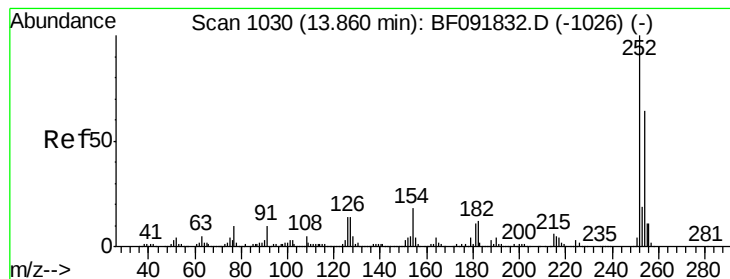


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 31.98 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.09 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

Instrument :

BNA_F

ClientSampleId :

PB96012BS

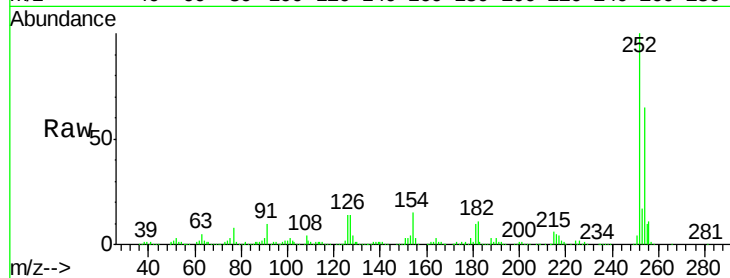
Tgt Ion:252 Resp: 444815

Ion Ratio Lower Upper

252 100

254 65.2 52.3 78.5

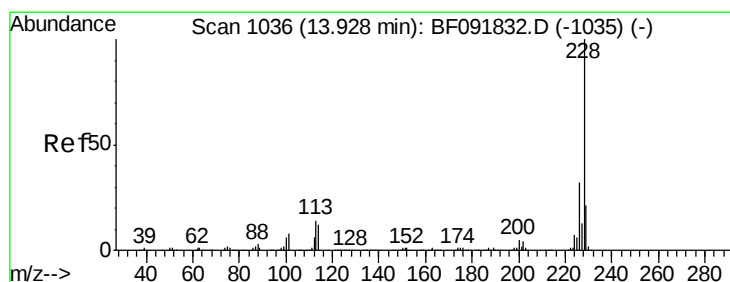
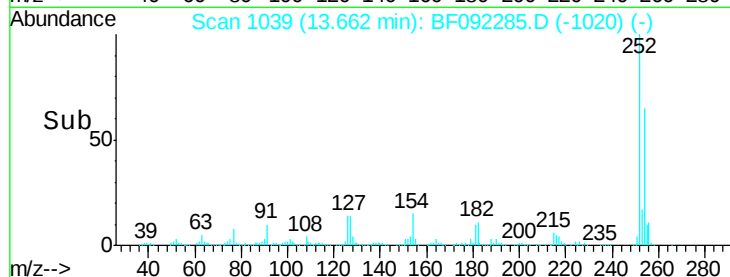
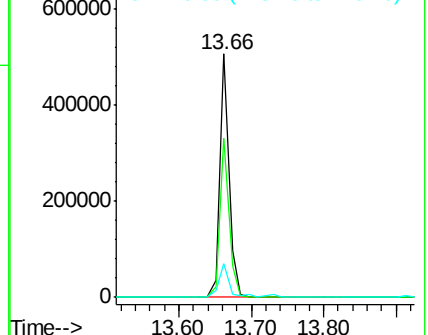
126 14.0 13.6 20.4



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: 46.24 ng

RT: 13.73 min Scan# 1045

Delta R.T. -0.08 min

Lab File: BF092285.D

Acq: 16 Jan 2017 15:18

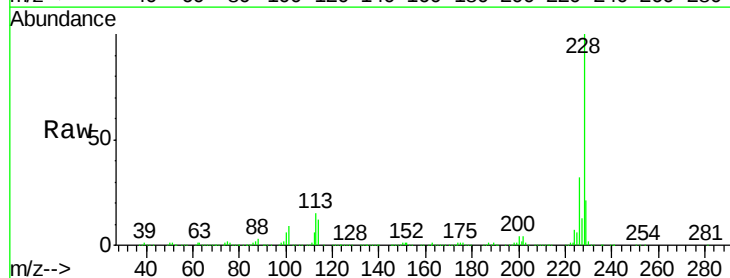
Tgt Ion:228 Resp: 1701646

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

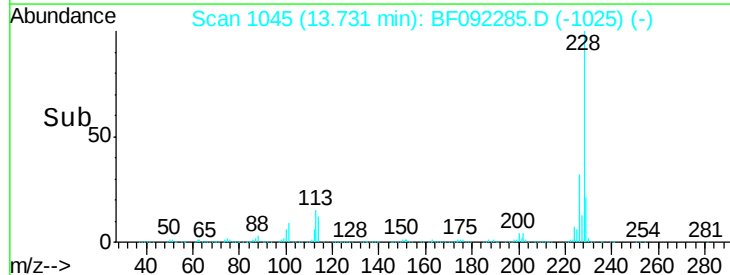
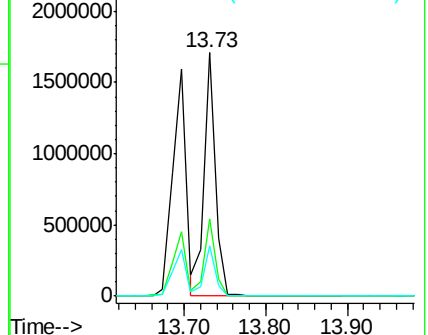
229 20.9 16.2 24.2

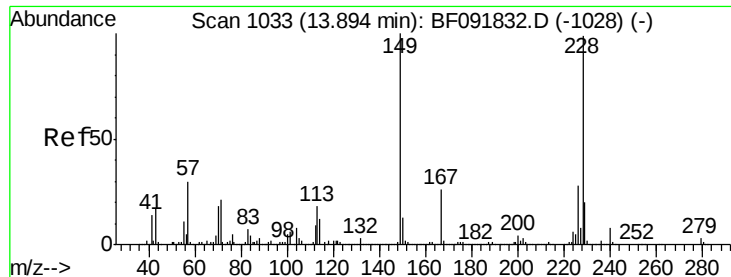


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

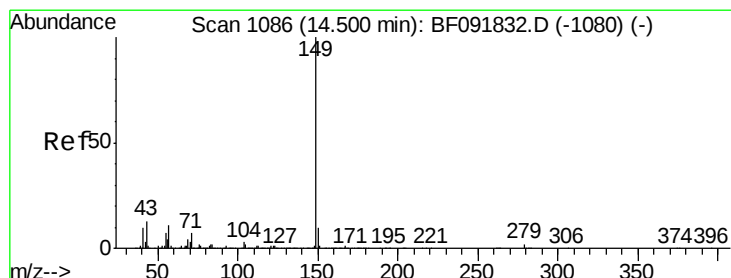
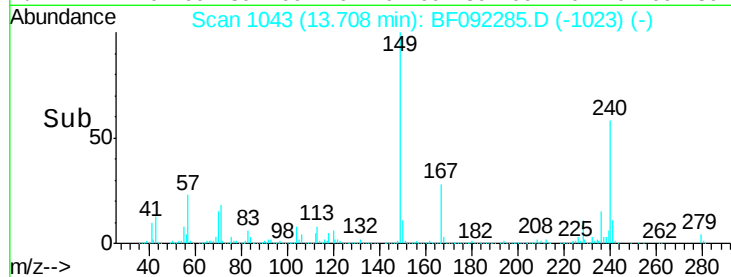
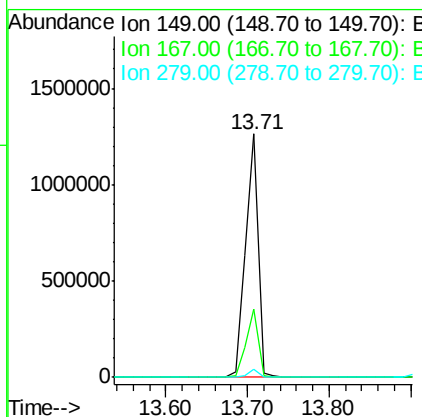
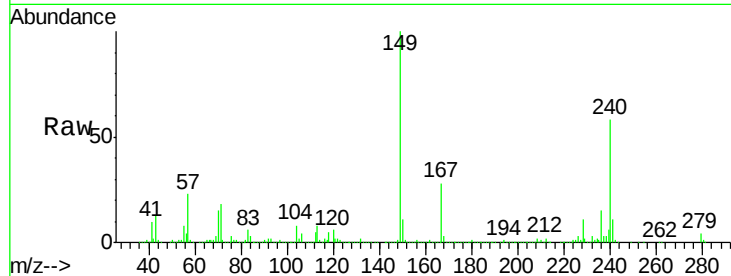




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.80 ng
 RT: 13.71 min Scan# 1043
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

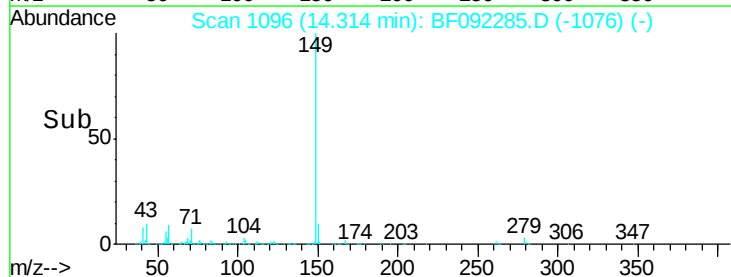
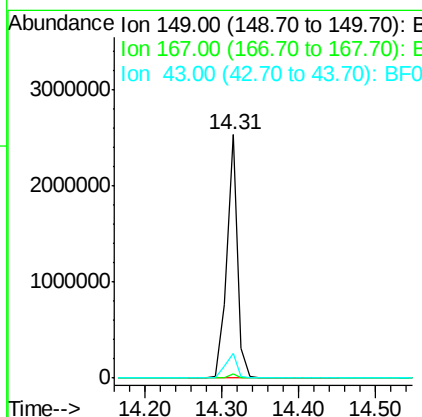
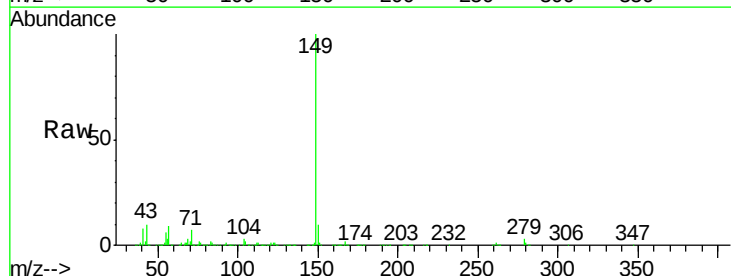
Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

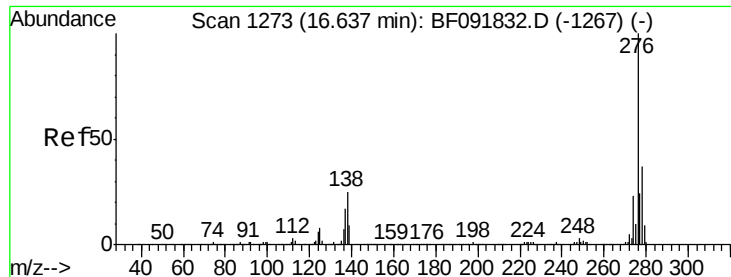
Tgt Ion:149 Resp: 1348587
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.2 30.4
 279 3.5 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 52.93 ng
 RT: 14.31 min Scan# 1096
 Delta R.T. -0.08 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion:149 Resp: 2503972
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 8.9 13.3

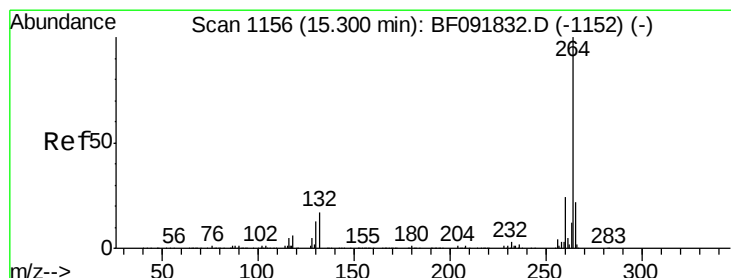
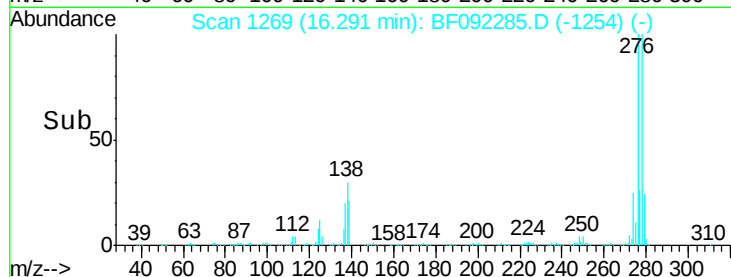
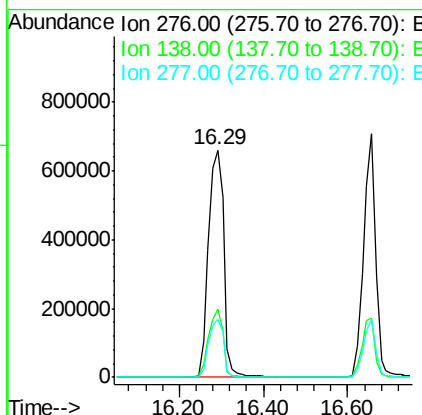
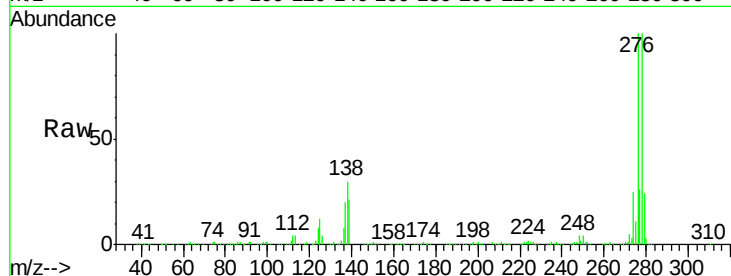




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.44 ng
 RT: 16.29 min Scan# 1269
 Delta R.T. -0.13 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

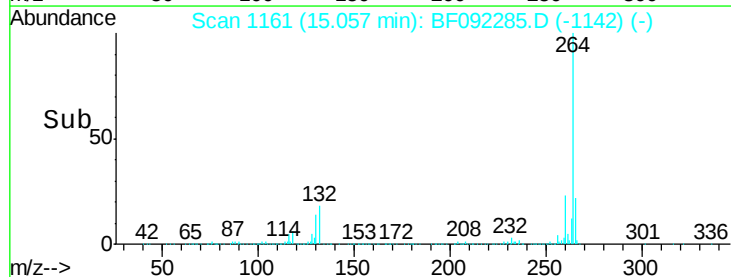
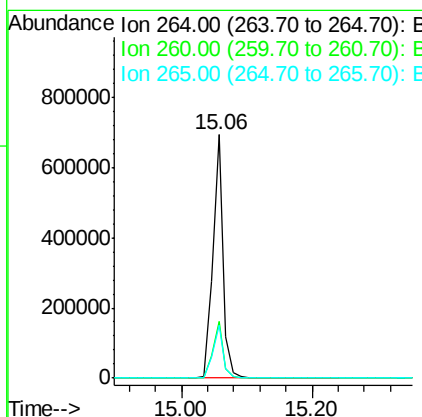
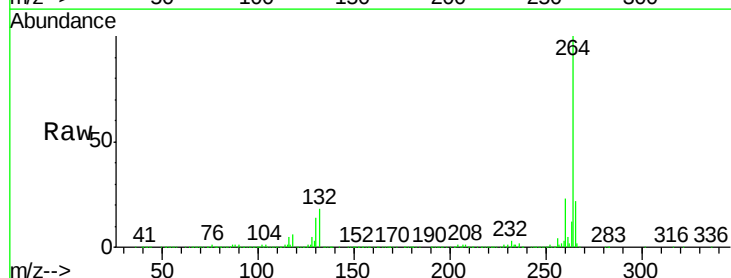
Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

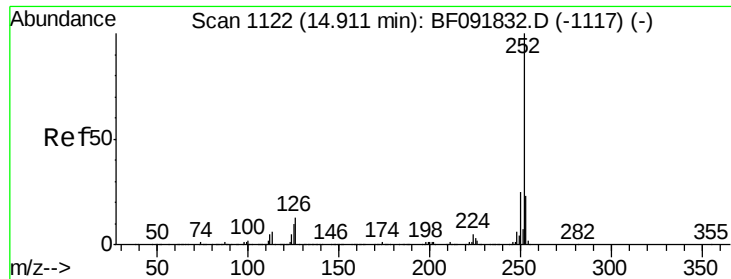
Tgt Ion:276 Resp: 1671649
 Ion Ratio Lower Upper
 276 100
 138 28.7 21.8 32.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Tgt Ion:264 Resp: 772089
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.7 17.4 26.0

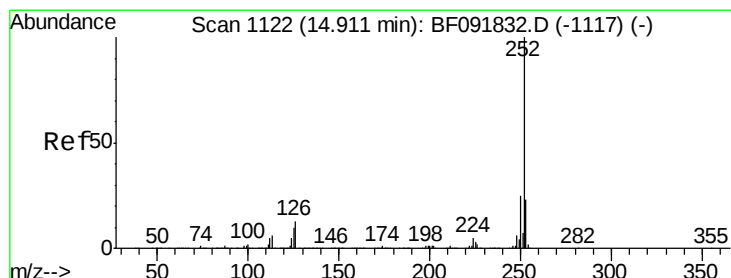
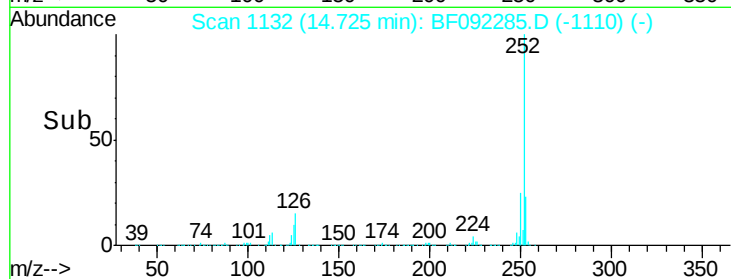
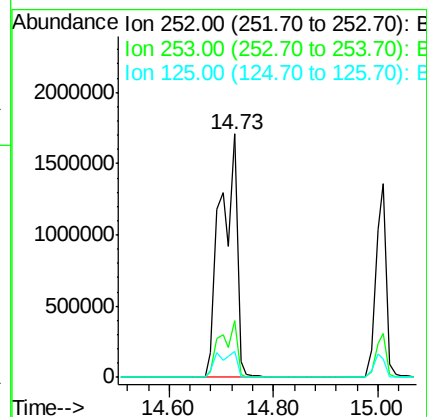
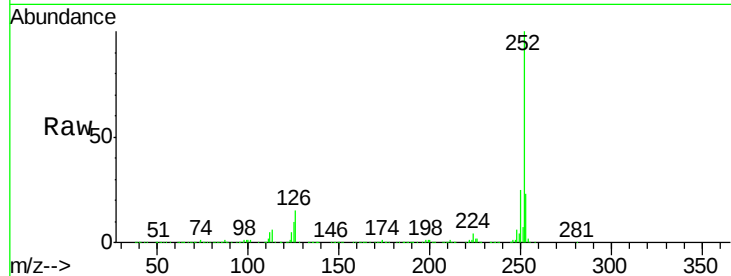




#87
Benzo(b)fluoranthene
Concen: 78.07 ng
RT: 14.73 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

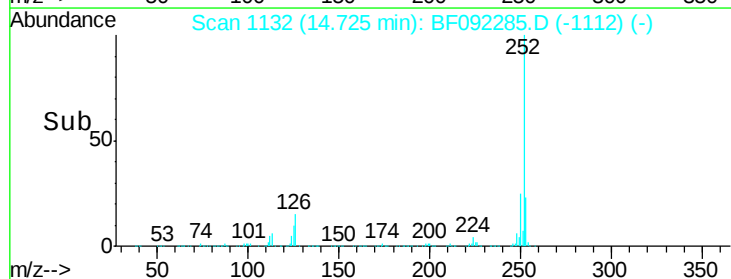
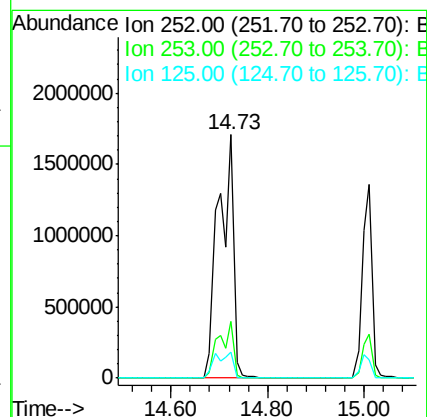
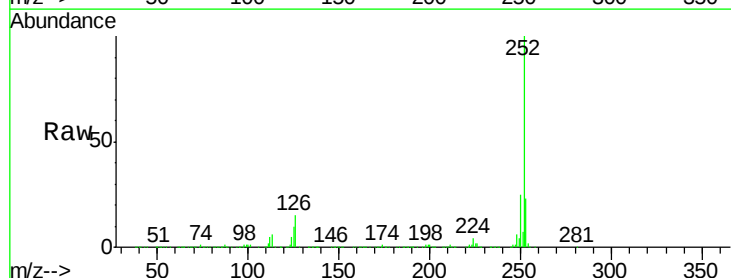
Instrument :
BNA_F
ClientSampleId :
PB96012BS

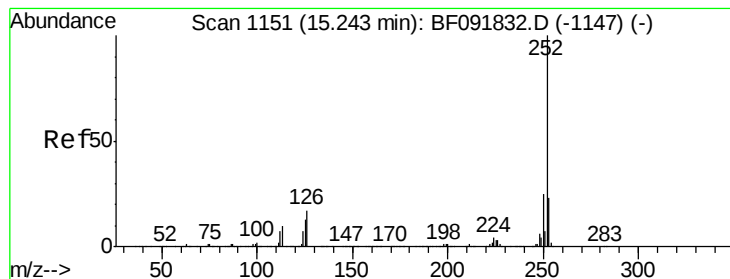
Tgt Ion:252 Resp: 3752968
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 10.4 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 91.59 ng
RT: 14.73 min Scan# 1132
Delta R.T. -0.08 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion:252 Resp: 3754359
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 10.4 8.9 13.3

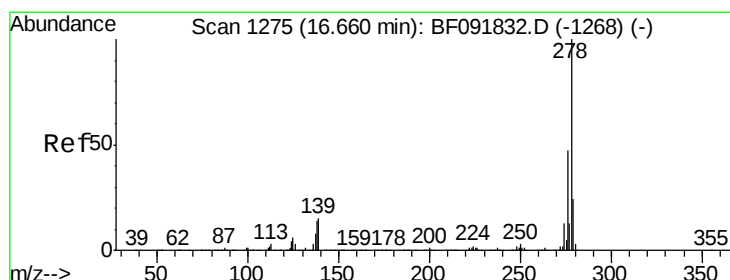
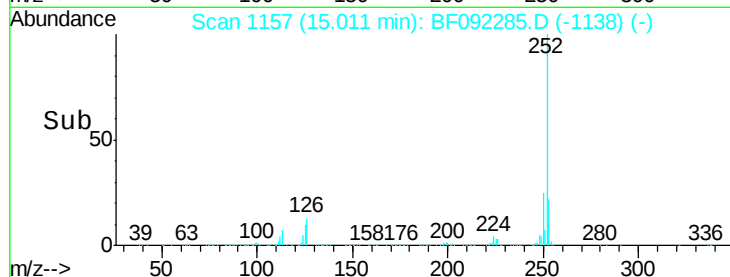
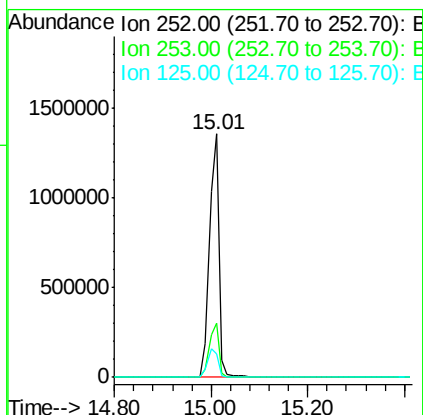
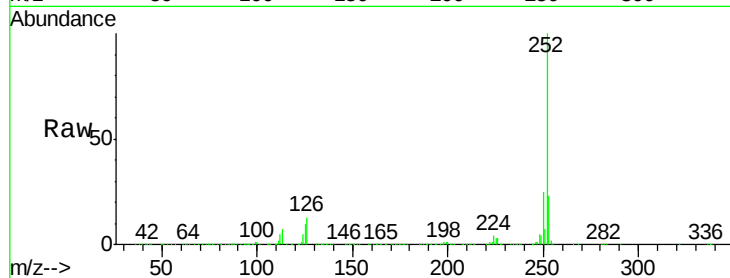




#89
Benzo(a)pyrene
Concen: 43.99 ng
RT: 15.01 min Scan# 1157
Delta R.T. -0.09 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

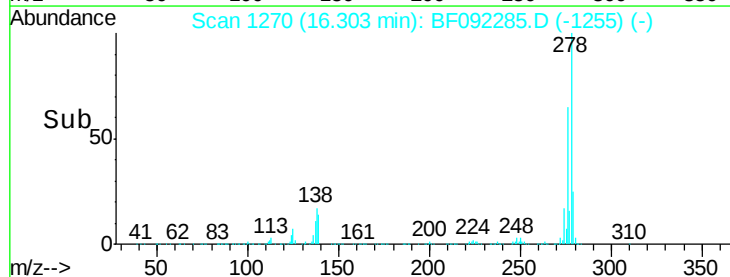
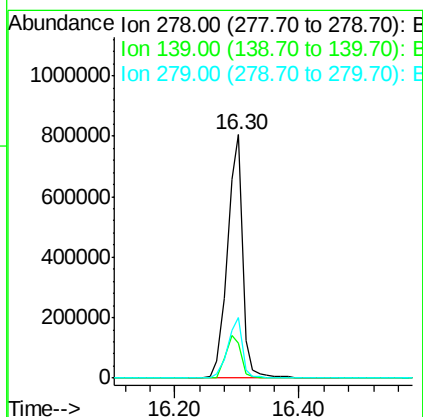
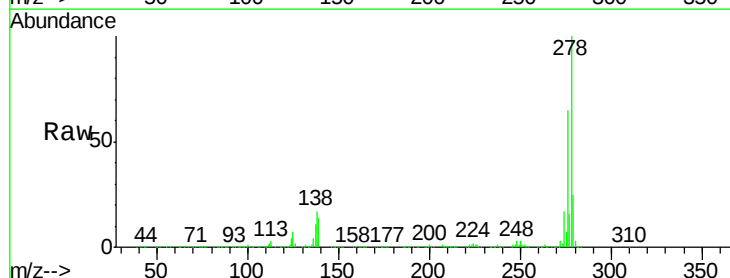
Instrument :
BNA_F
ClientSampleId :
PB96012BS

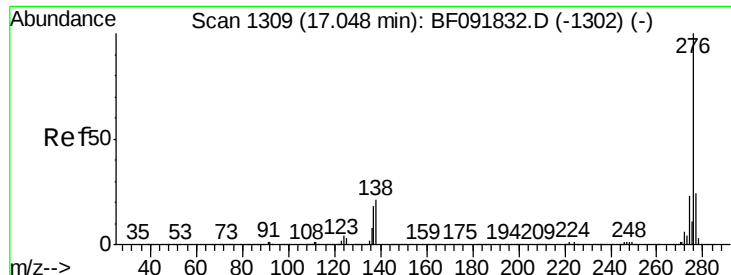
Tgt Ion: 252 Resp: 1876996
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.8 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.10 ng
RT: 16.30 min Scan# 1270
Delta R.T. -0.13 min
Lab File: BF092285.D
Acq: 16 Jan 2017 15:18

Tgt Ion: 278 Resp: 1371225
Ion Ratio Lower Upper
278 100
139 14.2 14.8 22.2#
279 24.6 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 39.02 ng
 RT: 16.66 min Scan# 1301
 Delta R.T. -0.15 min
 Lab File: BF092285.D
 Acq: 16 Jan 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BS

Tgt Ion: 276 Resp: 1422730
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.2 28.8
 138 24.5 16.0 24.0#

