

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092351.D
 Acq On : 18 Jan 2017 15:13
 Operator : UM/SJ
 Sample : PB96092BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Quant Time: Jan 19 00:00:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	581652	20.00	ng	0.06
21) Naphthalene-d8	7.83	136	815524	20.00	ng	-0.10
38) Acenaphthene-d10	9.58	164	416745	20.00	ng	-0.10
63) Phenanthrene-d10	11.06	188	641452	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	350554	20.00	ng	-0.10
86) Perylene-d12	15.03	264	374201	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1349535	38.74	ng	-0.10
7) Phenol-d6	6.22	99	1689832	39.73	ng	-0.09
23) Nitrobenzene-d5	7.12	82	1149485	78.38	ng	-0.09
41) 2,4,6-Tribromophenol	10.37	330	413076	119.77	ng	-0.10
44) 2-Fluorobiphenyl	8.92	172	2227471	113.90	ng	-0.09
78) Terphenyl-d14	12.65	244	1763954	122.04	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	194087	11.32	ng	# 96
3) Pyridine	2.62	79	504448	8.43	ng	98
4) n-Nitrosodimethylamine	2.59	42	234024	10.36	ng	100
6) Aniline	6.29	93	457430	8.28	ng	# 23
8) 2-Chlorophenol	6.34	128	523634	13.21	ng	92
10) Phenol	6.23	94	578978	11.95	ng	# 65
11) bis(2-Chloroethyl)ether	6.29	93	457430	11.86	ng	99
12) 1,3-Dichlorobenzene	6.56	146	501906	11.87	ng	98
13) 1,4-Dichlorobenzene	6.71	146	451877	10.50	ng	99
14) 1,2-Dichlorobenzene	6.71	146	451877	12.10	ng	100
15) Benzyl Alcohol	6.71	79	420644	12.73	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	688150	11.98	ng	# 32
17) 2-Methylphenol	7.00	107	562815	17.66	ng	# 77
18) Hexachloroethane	7.06	117	196391	12.30	ng	91
19) n-Nitroso-di-n-propylamine	6.98	70	354930	12.54	ng	98
20) 3+4-Methylphenols	7.00	107	562815	14.81	ng	# 73
22) Acetophenone	6.96	105	713777	35.48	ng	# 95
24) Nitrobenzene	7.14	77	516330	33.05	ng	98
25) Isophorone	7.39	82	1251494	46.25	ng	99
26) 2-Nitrophenol	7.46	139	334400	43.41	ng	98
27) 2,4-Dimethylphenol	7.51	122	515483	40.35	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	835197	50.90	ng	100
29) 2,4-Dichlorophenol	7.71	162	528486	48.85	ng	88
30) 1,2,4-Trichlorobenzene	7.78	180	514217	43.37	ng	95
31) Naphthalene	7.86	128	1818677	48.73	ng	99
32) Benzoic acid	7.68	122	326125	34.41	ng	95
33) 4-Chloroaniline	7.92	127	212898	12.65	ng	# 93
34) Hexachlorobutadiene	7.97	225	275365	44.00	ng	99
35) Caprolactam	8.30	113	104564	29.41	ng	87
36) 4-Chloro-3-methylphenol	8.43	107	523616	42.06	ng	100
37) 2-Methylnaphthalene	8.54	142	1086384	50.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	458954	43.59	ng	98
40) Hexachlorocyclopentadiene	8.70	237	345922	74.08	ng	97
42) 2,4,6-Trichlorophenol	8.84	196	320235	43.49	ng	97

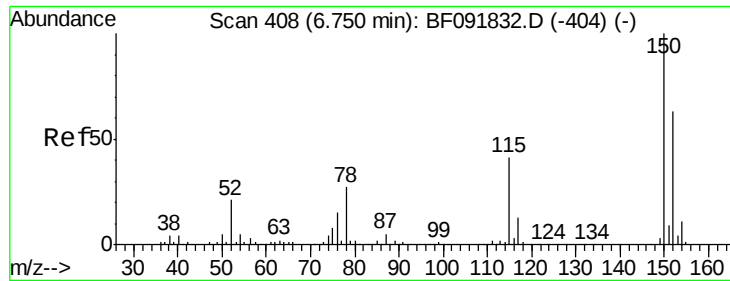
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	297500	39.26	ng	# 84
45) 1,1'-Biphenyl	9.01	154	1294991	45.38	ng	97
46) 2-Chloronaphthalene	9.03	162	1039253	45.99	ng	97
47) 2-Nitroaniline	9.15	65	332226	41.29	ng	# 55
48) Acenaphthylene	9.44	152	1562420	44.96	ng	99
49) Dimethylphthalate	9.33	163	1271298	47.70	ng	100
50) 2,6-Dinitrotoluene	9.39	165	271837	46.60	ng	# 84
51) Acenaphthene	9.62	154	1045391	44.37	ng	100
52) 3-Nitroaniline	9.56	138	162613	22.52	ng	# 73
53) 2,4-Dinitrophenol	9.67	184	243121	74.90	ng	# 78
54) Dibenzofuran	9.79	168	1367405	42.97	ng	99
55) 4-Nitrophenol	9.79	139	899711	183.53	ng	# 8
56) 2,4-Dinitrotoluene	9.80	165	341235	46.60	ng	# 69
57) Fluorene	10.13	166	1089053	47.04	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	268516	44.80	ng	93
59) Diethylphthalate	10.03	149	1196593	46.23	ng	94
60) 4-Chlorophenyl-phenylether	10.13	204	443723	43.78	ng	# 76
61) 4-Nitroaniline	10.18	138	305844	40.88	ng	78
62) Azobenzene	10.28	77	1295075	45.44	ng	98
64) 4,6-Dinitro-2-methylphenol	10.21	198	175269	45.19	ng	95
65) n-Nitrosodiphenylamine	10.24	169	916829	48.17	ng	99
66) 4-Bromophenyl-phenylether	10.61	248	326233	48.89	ng	# 90
67) Hexachlorobenzene	10.68	284	333575	46.77	ng	# 87
68) Atrazine	10.78	200	267853	43.63	ng	98
69) Pentachlorophenol	10.88	266	242318	69.24	ng	99
70) Phenanthrene	11.08	178	1445915	41.57	ng	99
71) Anthracene	11.14	178	1687321	63.65	ng	98
72) Carbazole	11.30	167	1370491	50.72	ng	99
73) Di-n-butylphthalate	11.64	149	1871239	57.96	ng	# 97
74) Fluoranthene	12.26	202	1450184	47.76	ng	98
76) Benzidine	12.39	184	506297	61.64	ng	96
77) Pyrene	12.48	202	1374296	53.43	ng	99
79) Butylbenzylphthalate	13.13	149	698838	59.74	ng	# 82
80) Benzo(a)anthracene	13.67	228	1068590	54.00	ng	99
81) 3,3'-Dichlorobenzidine	13.64	252	224397	29.91	ng	98
82) Chrysene	13.71	228	893867	45.03	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	865643	62.84	ng	98
84) Di-n-octyl phthalate	14.29	149	1377189	53.97	ng	98
85) Indeno(1,2,3-cd)pyrene	16.26	276	1175398	68.36	ng	98
87) Benzo(b)fluoranthene	14.70	252	1972338	84.66	ng	# 97
88) Benzo(k)fluoranthene	14.70	252	1973110	99.32	ng	98
89) Benzo(a)pyrene	14.99	252	968118	46.82	ng	# 95
90) Dibenzo(a,h)anthracene	16.27	278	961992	56.60	ng	97
91) Benzo(g,h,i)perylene	16.61	276	1051334	59.49	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 430

Delta R.T. 0.06 min

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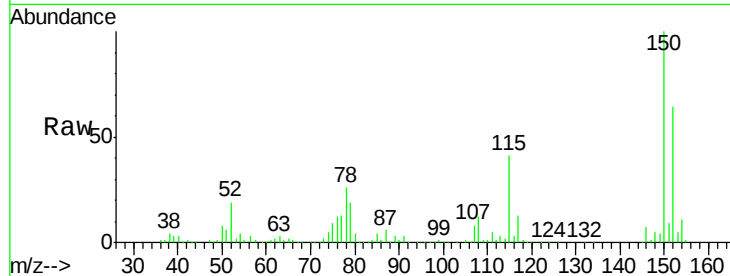
Tgt Ion:152 Resp: 581652

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

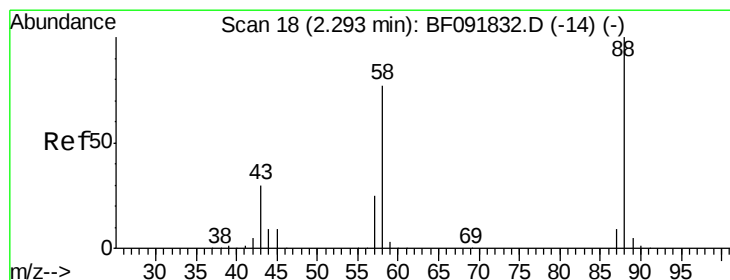
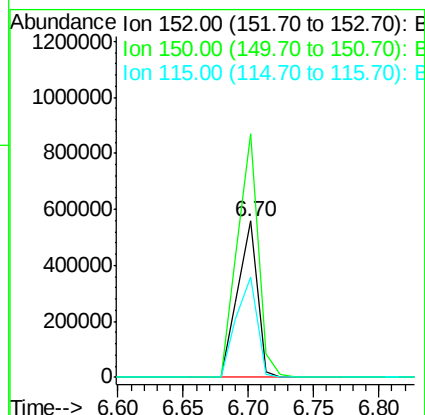
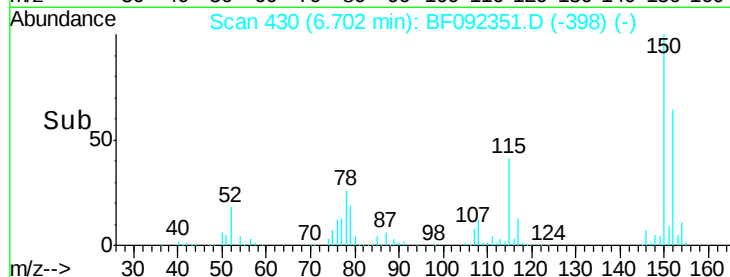
115 63.9 46.0 69.0



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: 11.32 ng

RT: 2.00 min Scan# 19

Delta R.T. -0.08 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

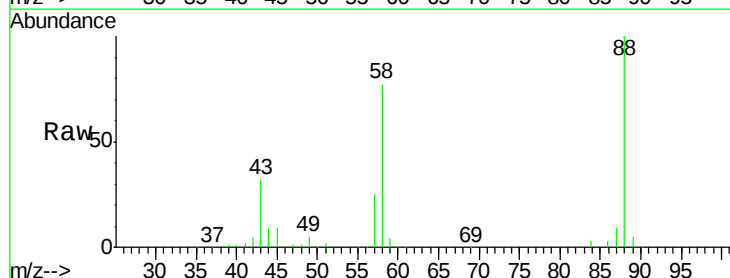
Tgt Ion: 88 Resp: 194087

Ion Ratio Lower Upper

88 100

58 73.3 57.8 86.8

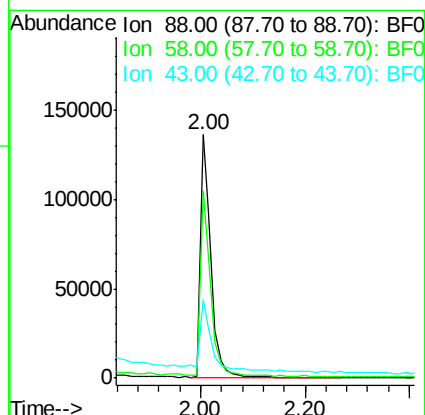
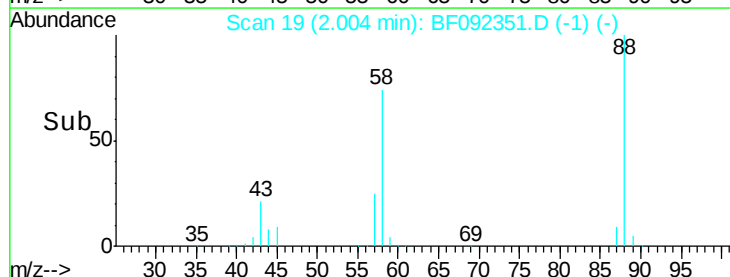
43 34.1 22.3 33.5#

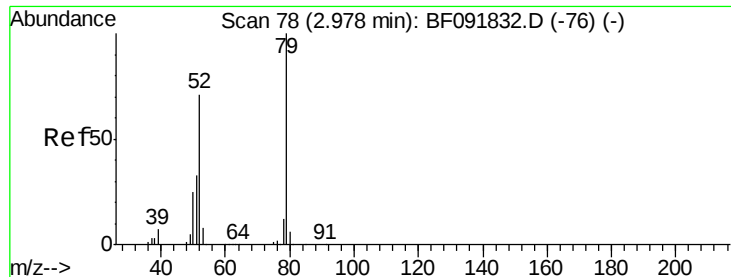


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 8.43 ng

RT: 2.62 min Scan# 73

Delta R.T. -0.11 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

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ClientSampleId :

PB96090BS

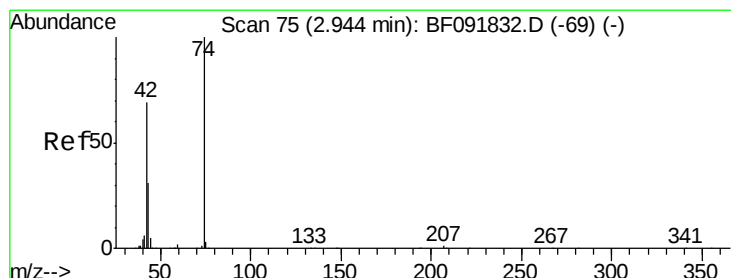
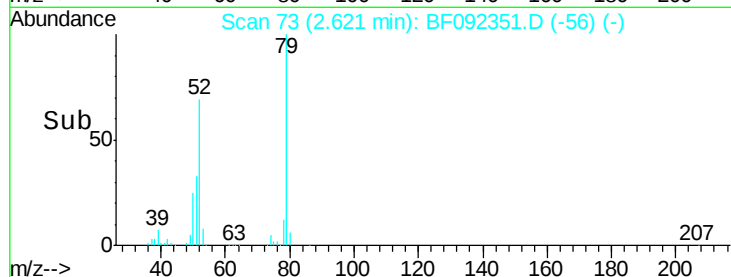
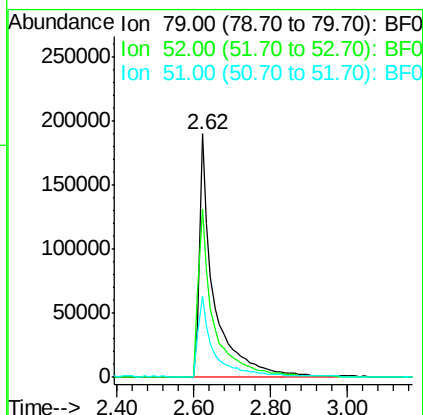
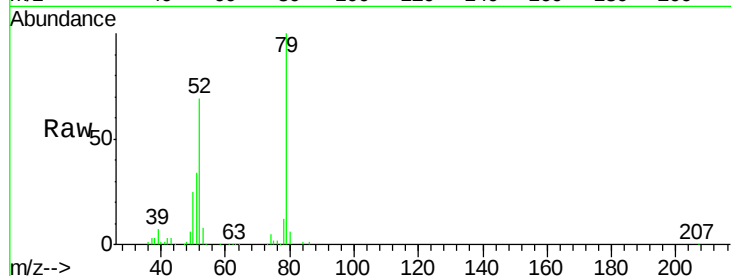
Tgt Ion: 79 Resp: 504448

Ion Ratio Lower Upper

79 100

52 69.1 57.1 85.7

51 33.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 10.36 ng

RT: 2.59 min Scan# 70

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

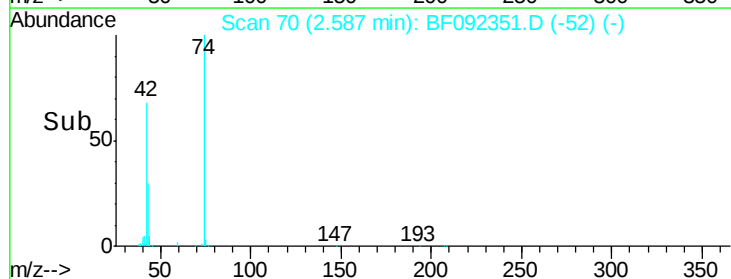
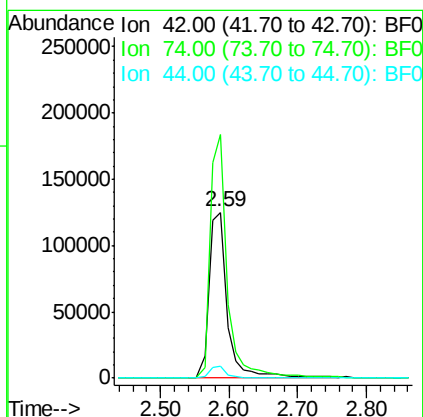
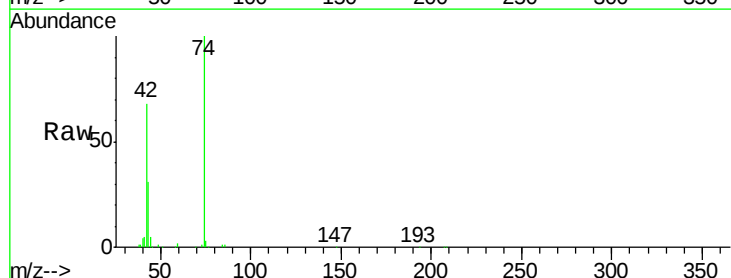
Tgt Ion: 42 Resp: 234024

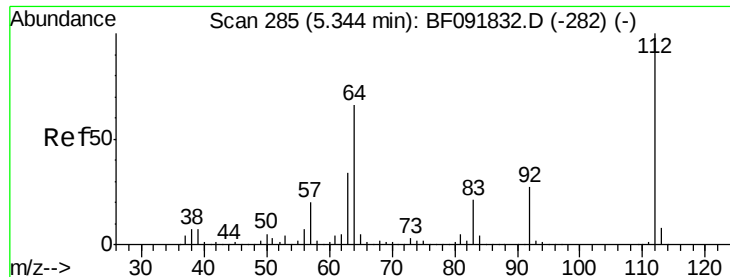
Ion Ratio Lower Upper

42 100

74 146.6 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 38.74 ng

RT: 5.14 min Scan# 293

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

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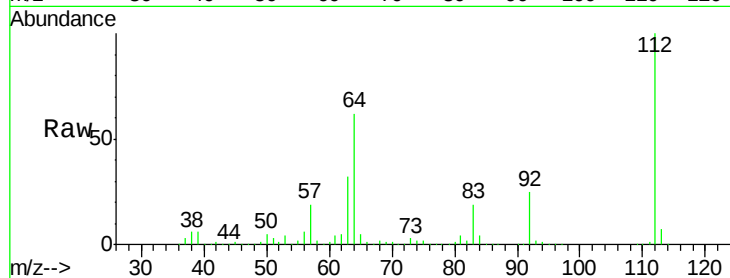
Tgt Ion: 112 Resp: 1349535

Ion Ratio Lower Upper

112 100

64 62.1 46.1 69.1

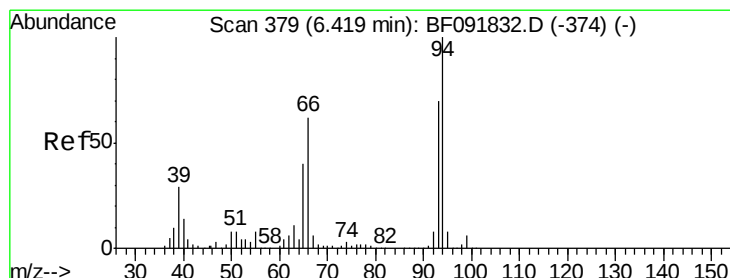
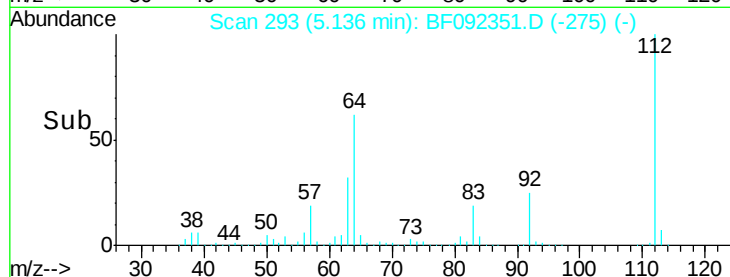
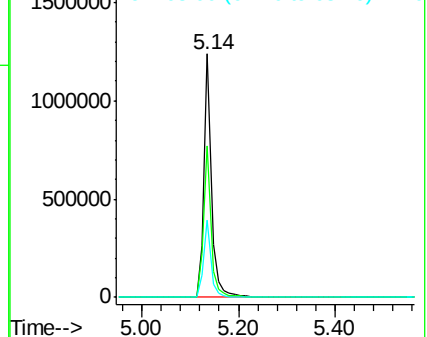
63 31.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.28 ng

RT: 6.29 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

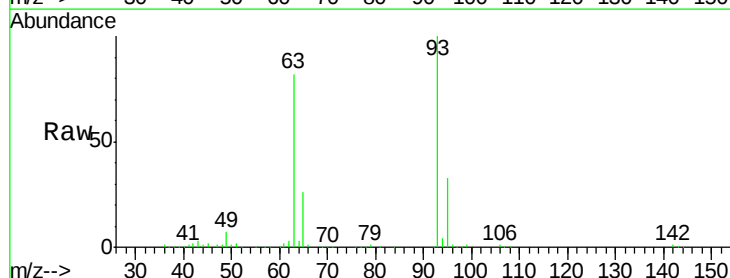
Tgt Ion: 93 Resp: 457430

Ion Ratio Lower Upper

93 100

66 0.8 76.2 114.2#

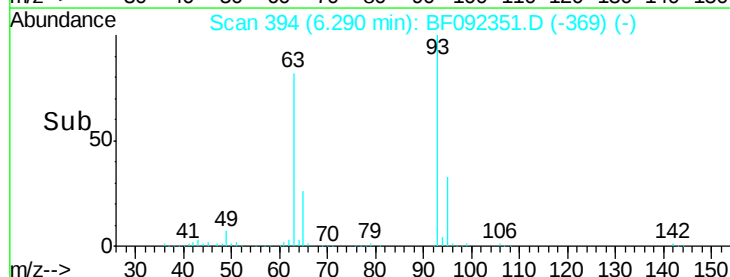
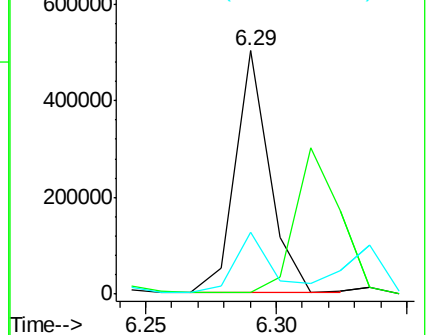
65 25.6 49.3 73.9#

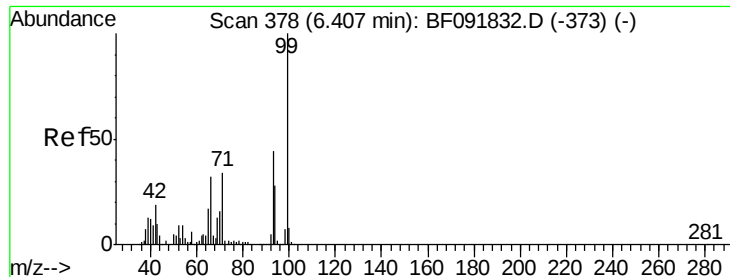


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.73 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

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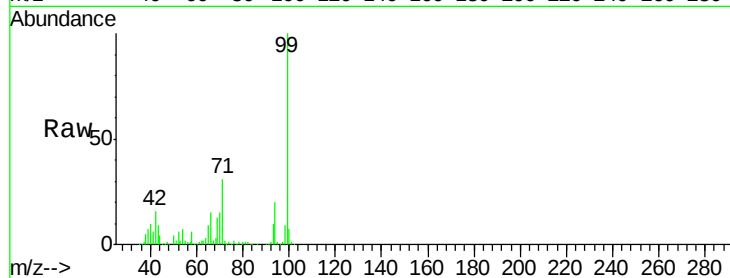
Tgt Ion: 99 Resp: 1689832

Ion Ratio Lower Upper

99 100

42 16.4 15.6 23.4

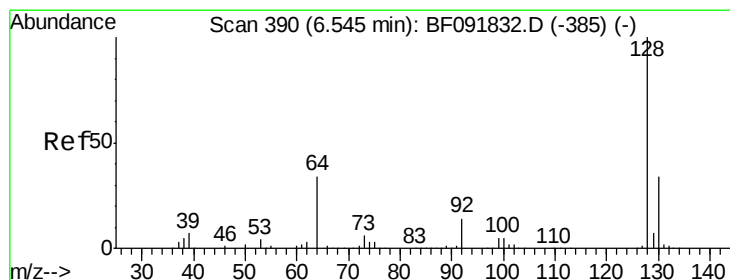
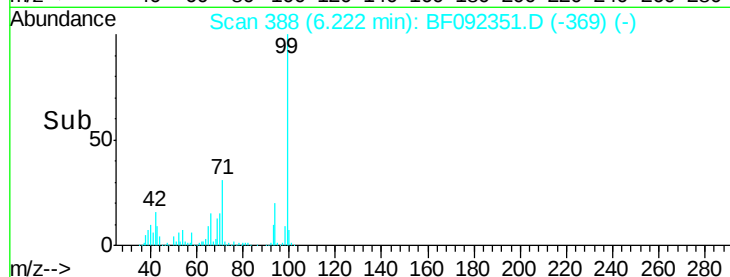
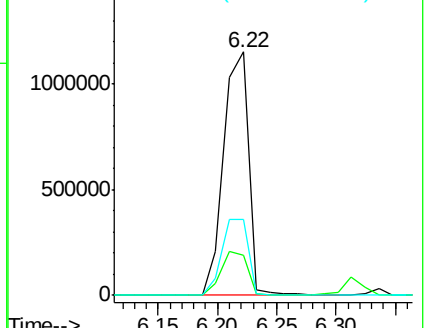
71 31.4 27.5 41.3



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: 13.21 ng

RT: 6.34 min Scan# 398

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

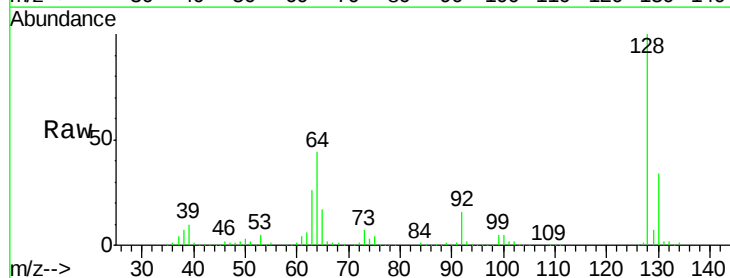
Tgt Ion: 128 Resp: 523634

Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

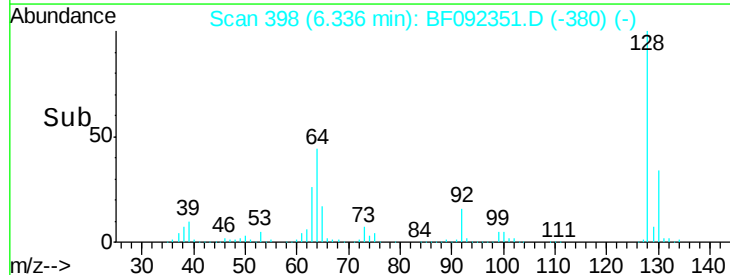
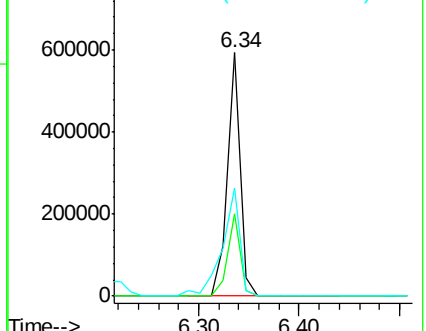
64 44.2 32.2 72.2

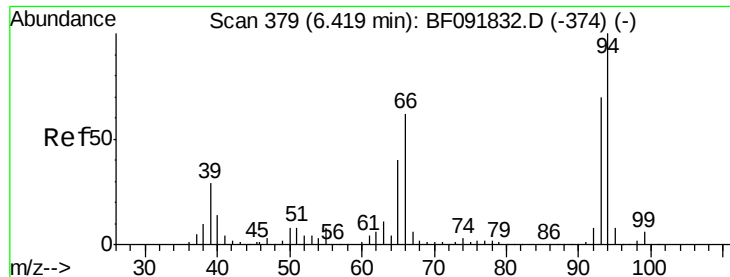


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 11.95 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

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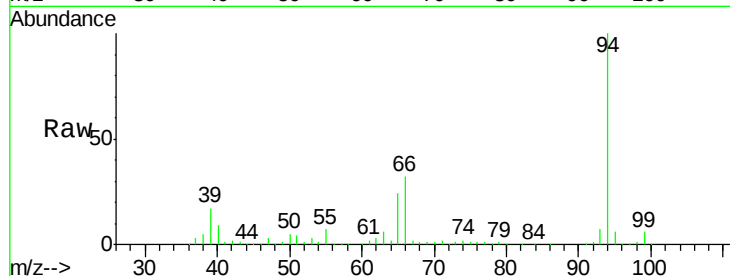
Tgt Ion: 94 Resp: 578978

Ion Ratio Lower Upper

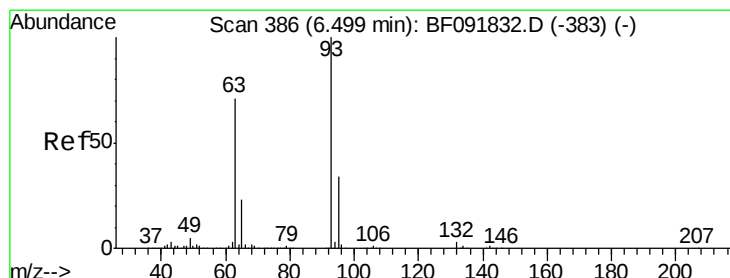
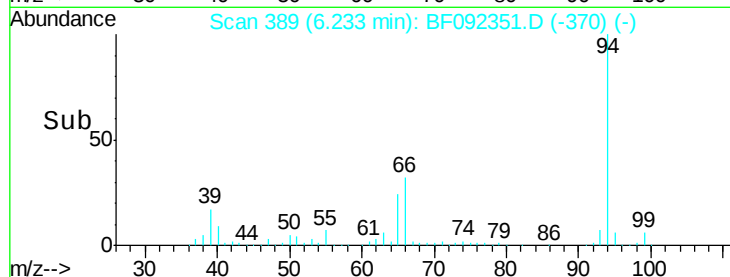
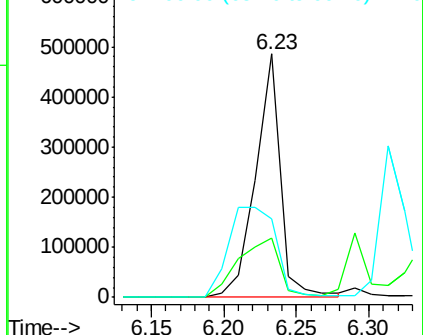
94 100

65 24.4 21.4 61.4

66 32.3 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: 11.86 ng

RT: 6.29 min Scan# 394

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

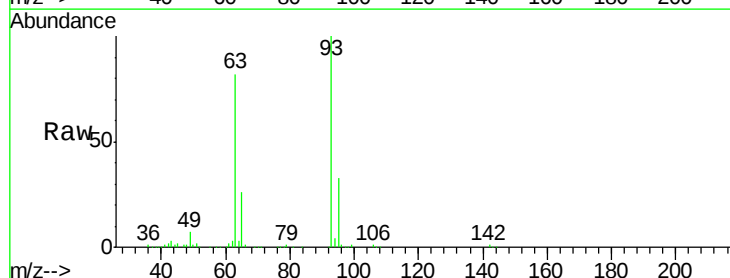
Tgt Ion: 93 Resp: 457430

Ion Ratio Lower Upper

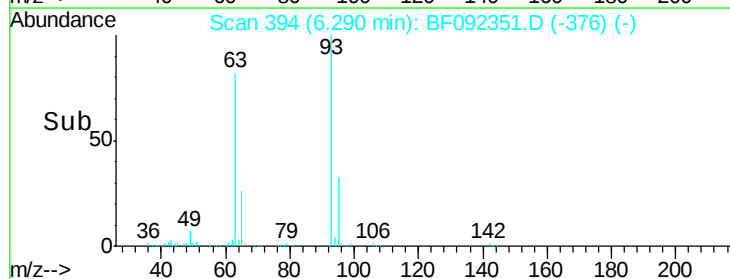
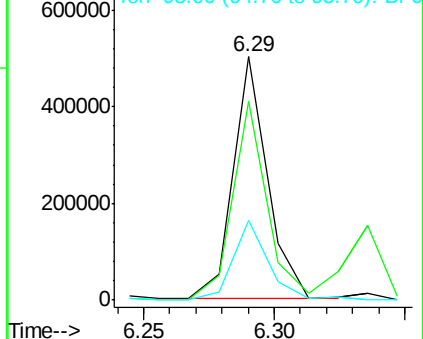
93 100

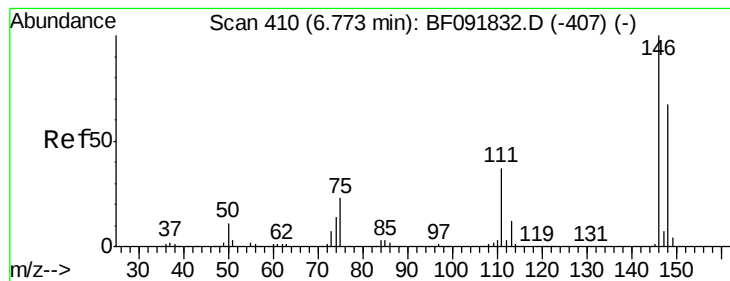
63 81.9 60.4 100.4

95 32.8 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: 11.87 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

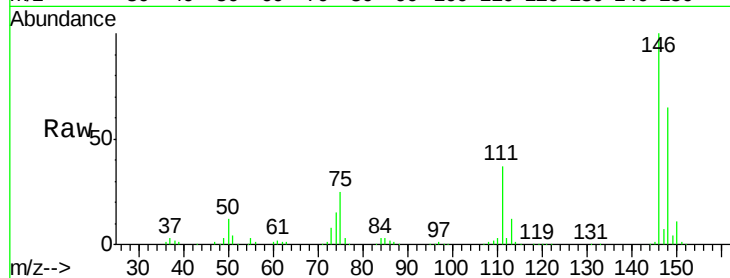
Tgt Ion:146 Resp: 501906

Ion Ratio Lower Upper

146 100

148 65.2 53.4 80.0

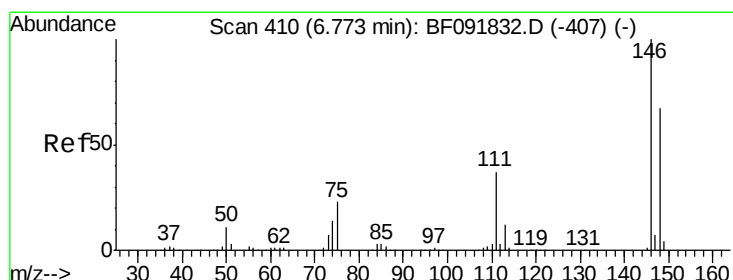
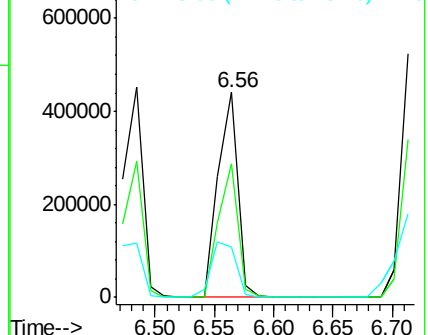
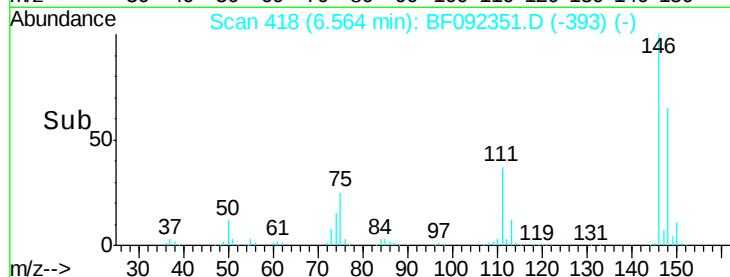
75 24.9 18.5 27.7



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: 10.50 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.05 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

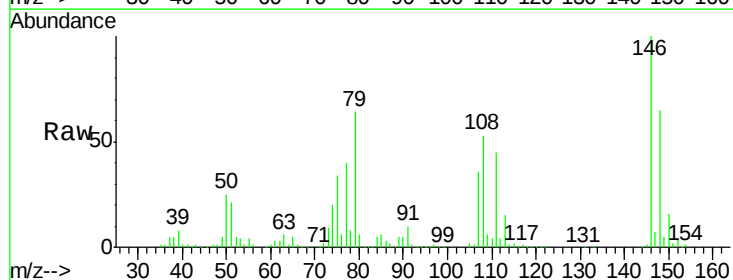
Tgt Ion:146 Resp: 451877

Ion Ratio Lower Upper

146 100

148 64.8 50.6 76.0

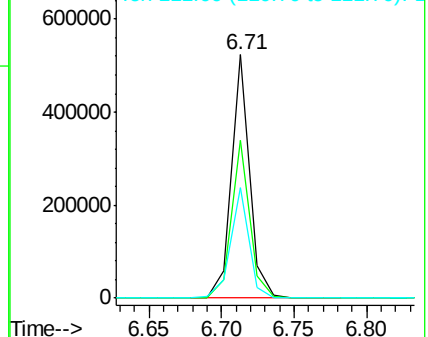
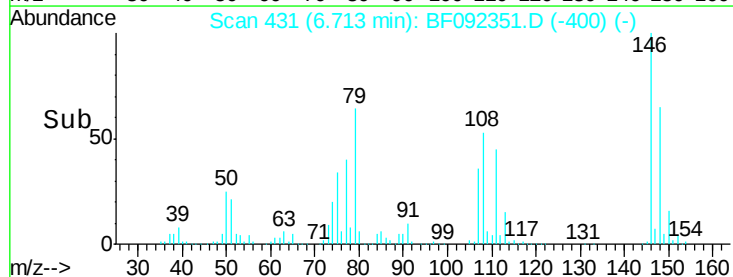
111 45.3 36.2 54.4

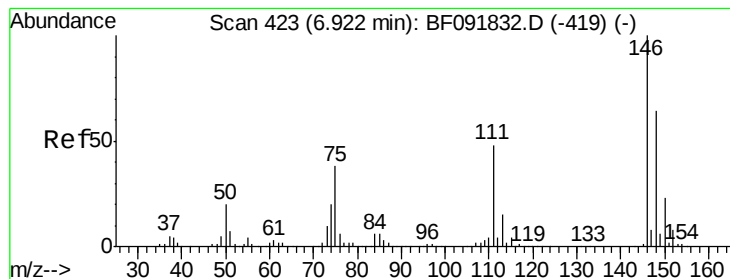


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 12.10 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

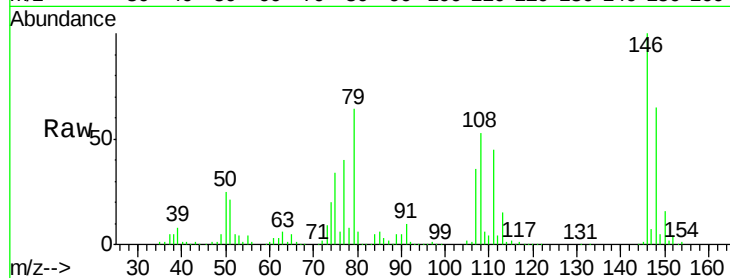
Tgt Ion:146 Resp: 451877

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

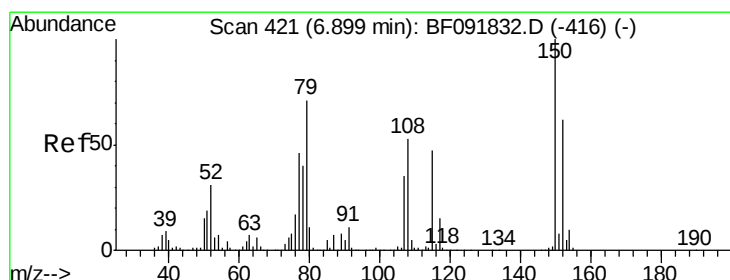
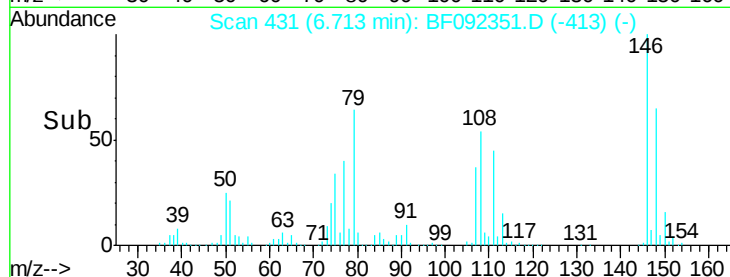
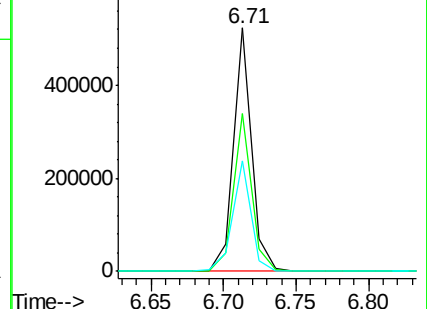
111 45.3 36.2 54.2



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: 12.73 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

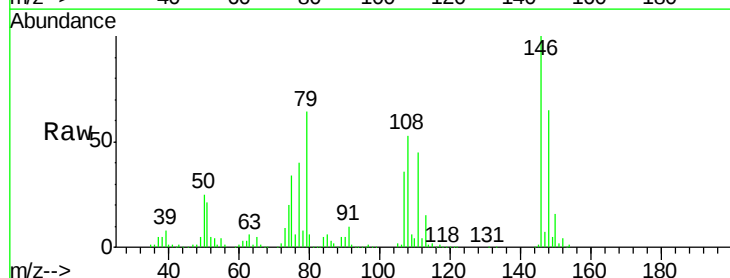
Tgt Ion: 79 Resp: 420644

Ion Ratio Lower Upper

79 100

108 83.6 61.4 92.0

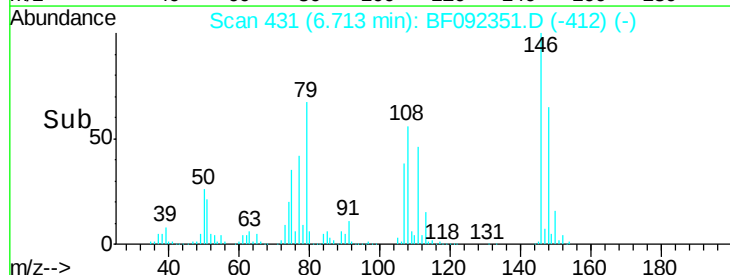
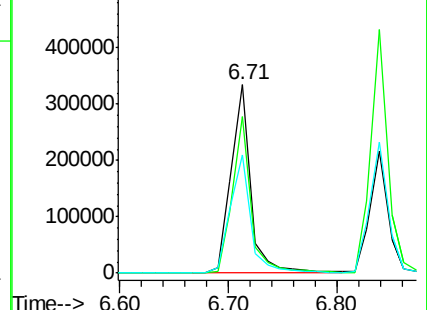
77 63.2 50.9 76.3

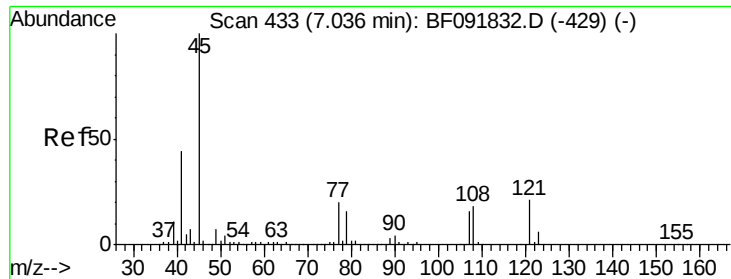


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

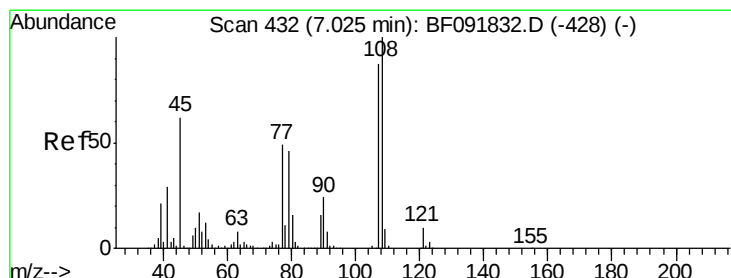
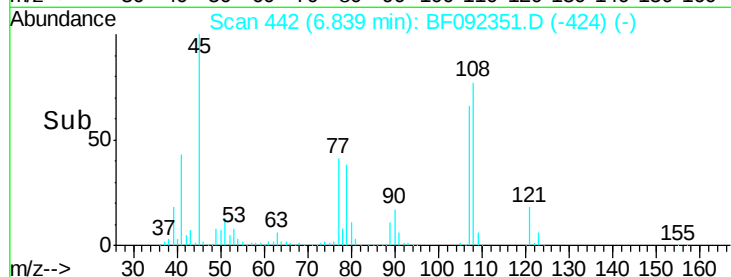
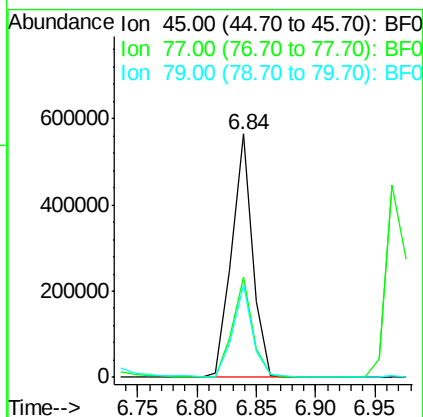
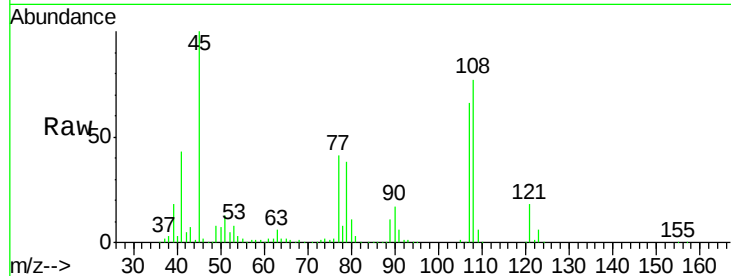




#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.98 ng
RT: 6.84 min Scan# 442
Delta R.T. -0.10 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

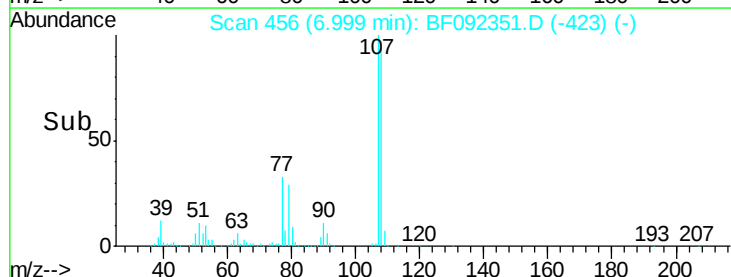
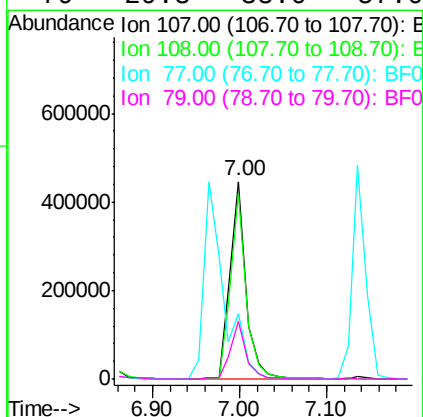
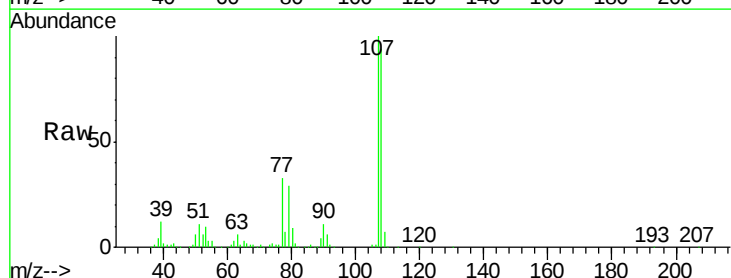
Instrument :
BNA_F
ClientSampleId :
PB96090BS

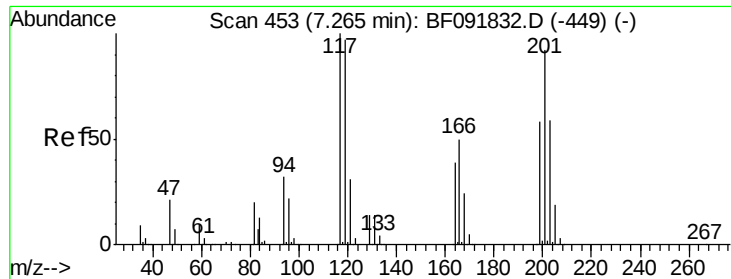
Tgt Ion: 45 Resp: 688150
Ion Ratio Lower Upper
45 100
77 41.3 0.0 34.6#
79 38.3 0.0 31.2#



#17
2-Methylphenol
Concen: 17.66 ng
RT: 7.00 min Scan# 456
Delta R.T. 0.07 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion: 107 Resp: 562815
Ion Ratio Lower Upper
107 100
108 93.9 93.0 139.6
77 33.0 39.8 59.8#
79 29.3 38.0 57.0#





#18

Hexachloroethane

Concen: 12.30 ng

RT: 7.06 min Scan# 461

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

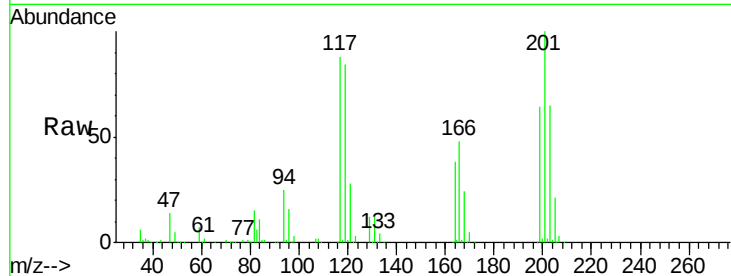
Tgt Ion: 117 Resp: 196391

Ion Ratio Lower Upper

117 100

119 96.2 78.1 117.1

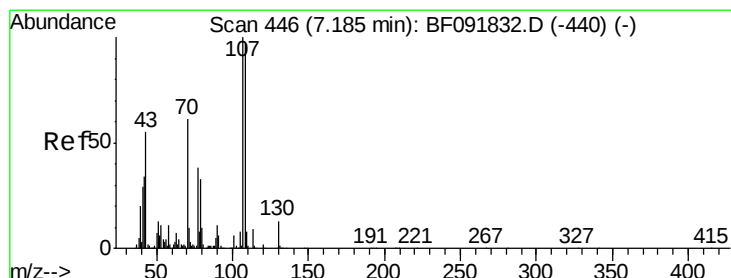
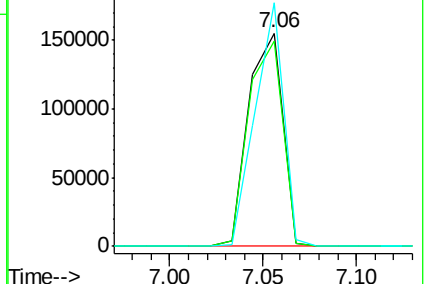
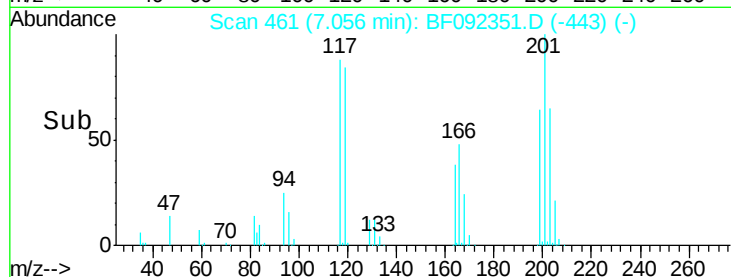
201 114.2 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 12.54 ng

RT: 6.98 min Scan# 454

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Tgt Ion: 70 Resp: 354930

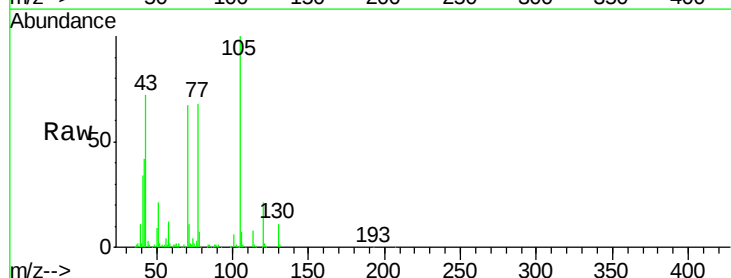
Ion Ratio Lower Upper

70 100

42 62.7 49.4 74.0

101 8.5 7.4 11.2

130 16.9 14.2 21.4

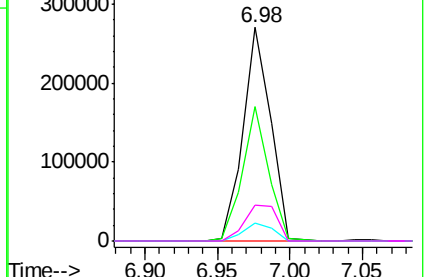
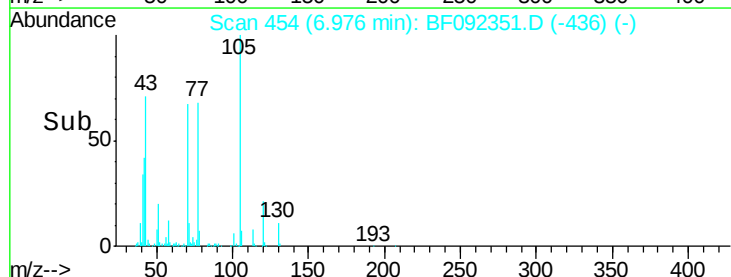


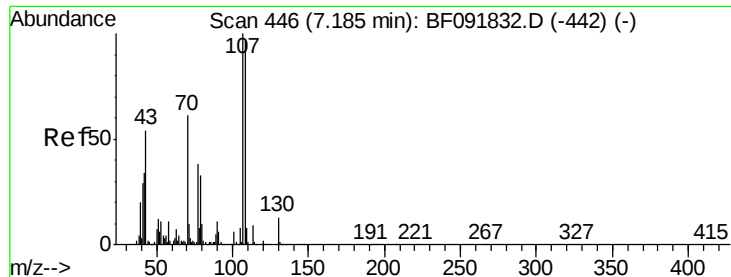
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

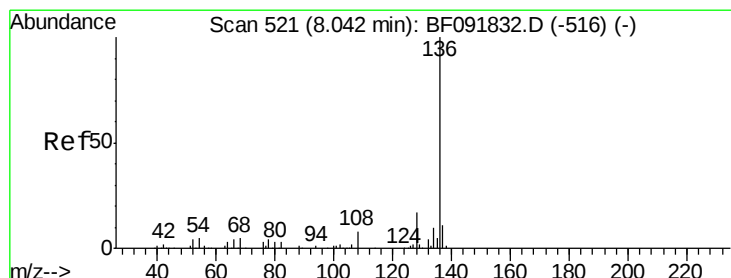
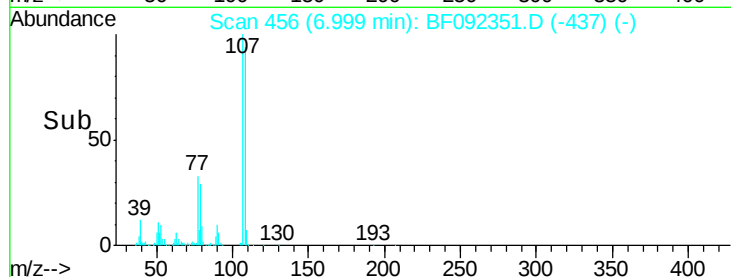
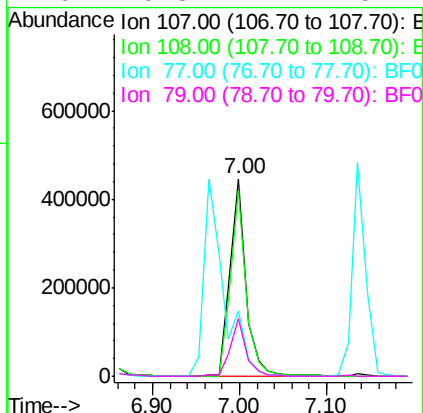
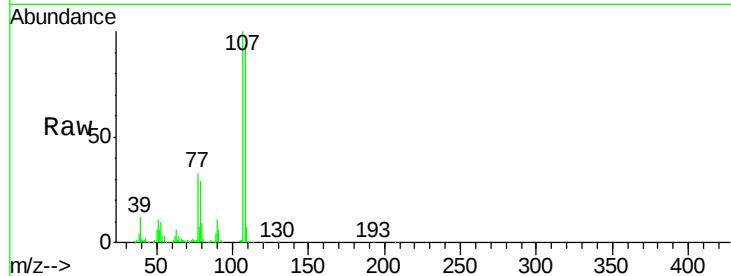




#20
 3+4-Methylphenols
 Concen: 14.81 ng
 RT: 7.00 min Scan# 456
 Delta R.T. -0.09 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

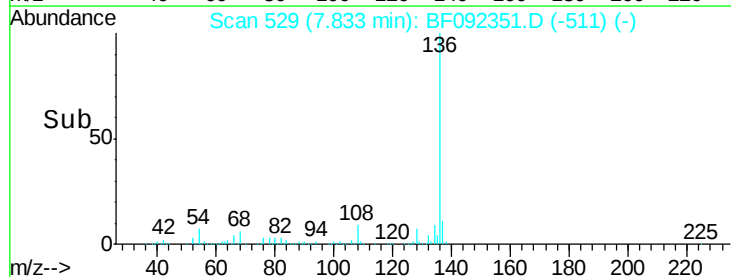
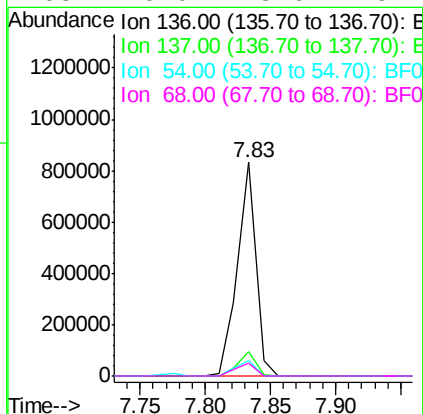
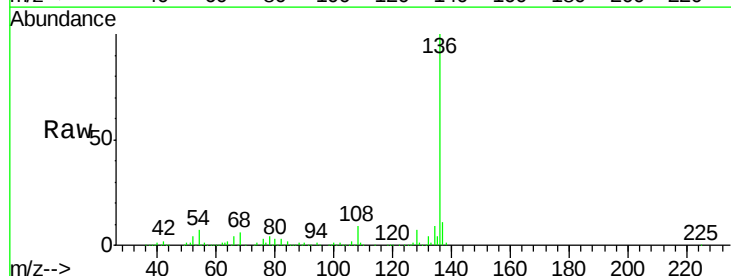
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

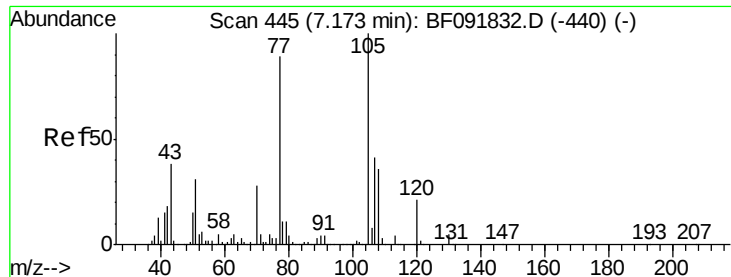
Tgt Ion:	107	Resp:	562815
Ion	Ratio	Lower	Upper
107	100		
108	93.9	73.0	113.0
77	33.0	71.3	111.3#
79	29.3	11.1	51.1



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.83 min Scan# 529
 Delta R.T. -0.10 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:	136	Resp:	815524
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.2	4.5	6.7#
68	6.0	3.6	5.4#





#22

Acetophenone

Concen: 35.48 ng

RT: 6.96 min Scan# 453

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

Tgt Ion:105 Resp: 713777

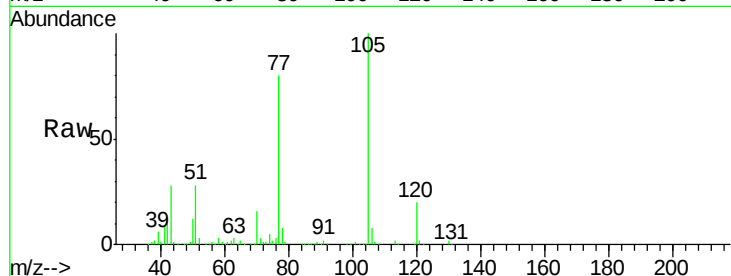
Ion Ratio Lower Upper

105 100

71 2.7 3.2 4.8#

51 28.1 26.2 39.4

120 20.3 16.6 24.8

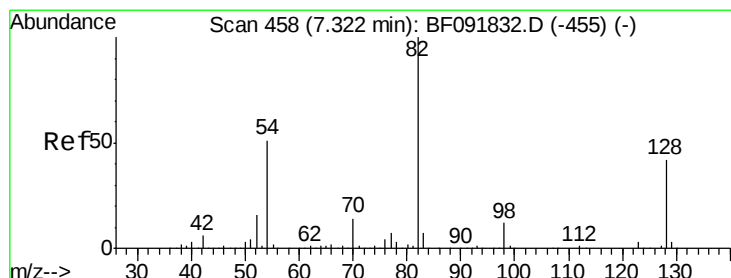
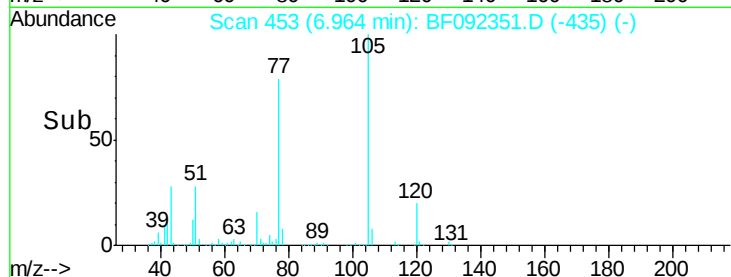
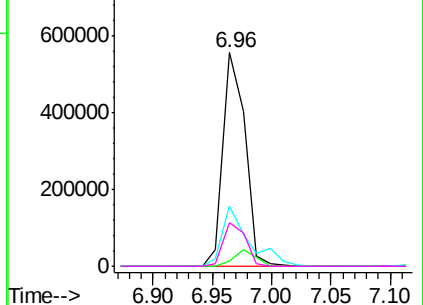


Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.38 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

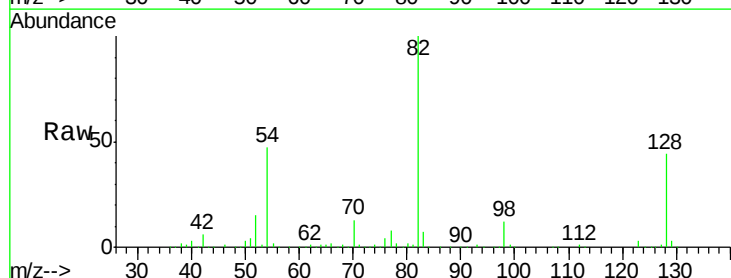
Tgt Ion: 82 Resp: 1149485

Ion Ratio Lower Upper

82 100

128 43.6 34.6 52.0

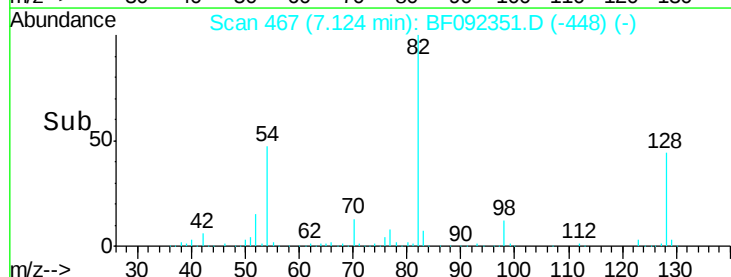
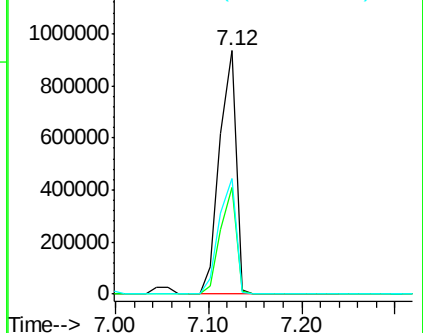
54 47.3 39.5 59.3

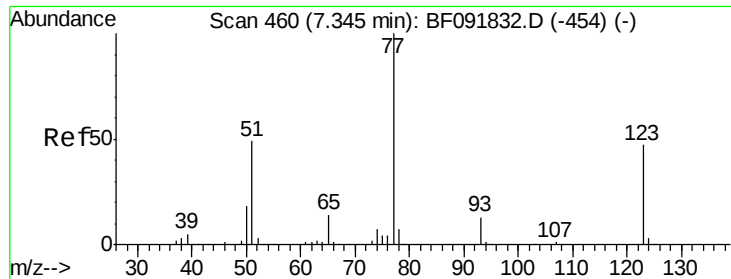


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

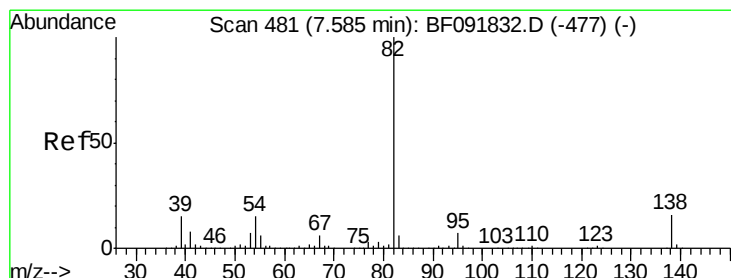
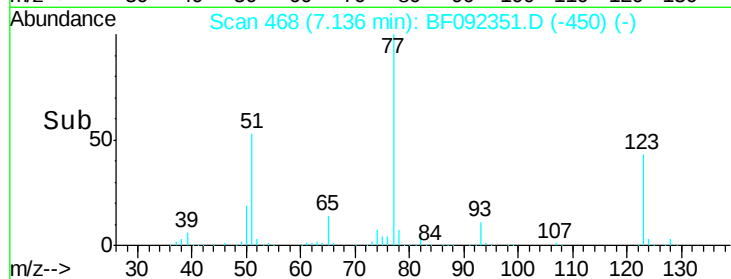
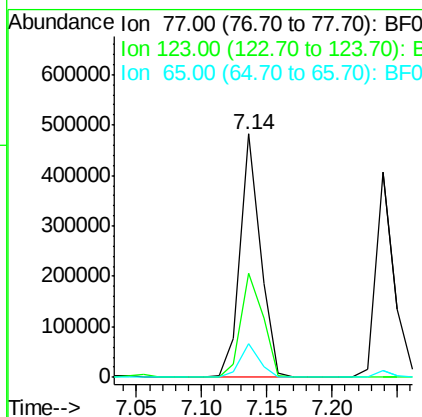
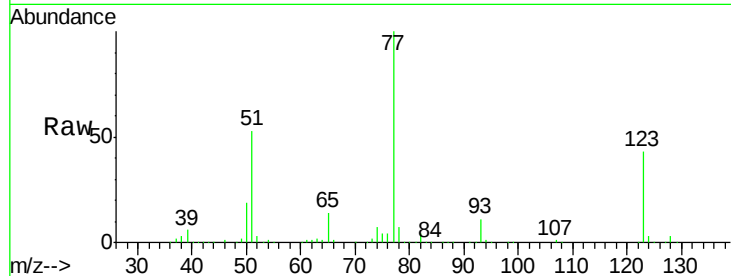




#24
 Nitrobenzene
 Concen: 33.05 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.10 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

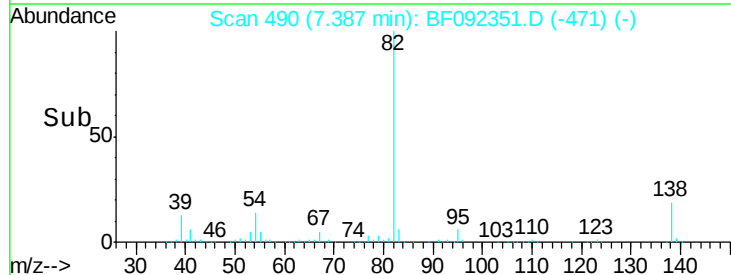
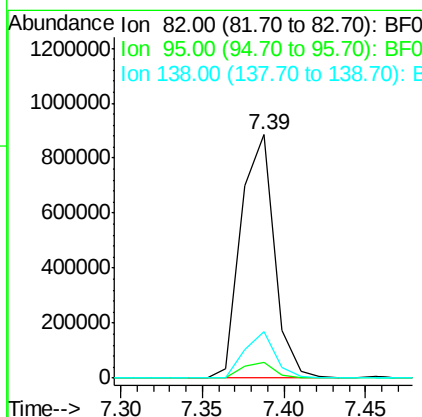
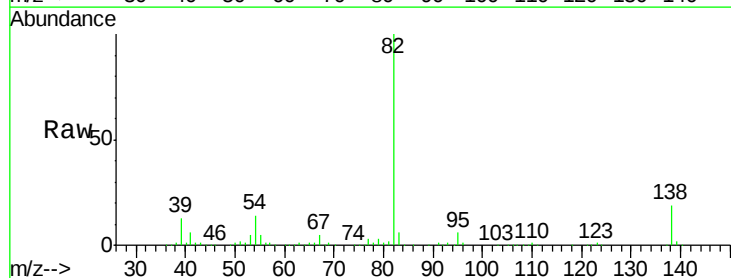
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

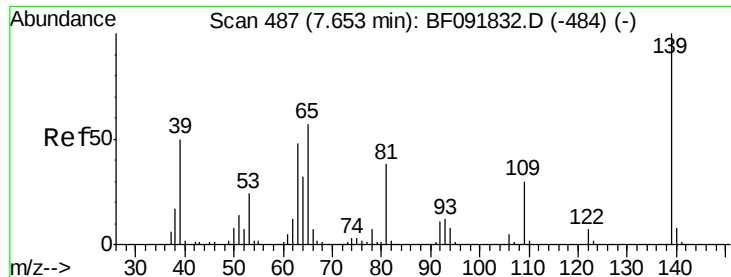
Tgt Ion: 77 Resp: 516330
 Ion Ratio Lower Upper
 77 100
 123 42.7 33.0 49.4
 65 13.7 11.2 16.8



#25
 Isophorone
 Concen: 46.25 ng
 RT: 7.39 min Scan# 490
 Delta R.T. -0.09 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion: 82 Resp: 1251494
 Ion Ratio Lower Upper
 82 100
 95 6.4 5.6 8.4
 138 18.9 14.6 22.0

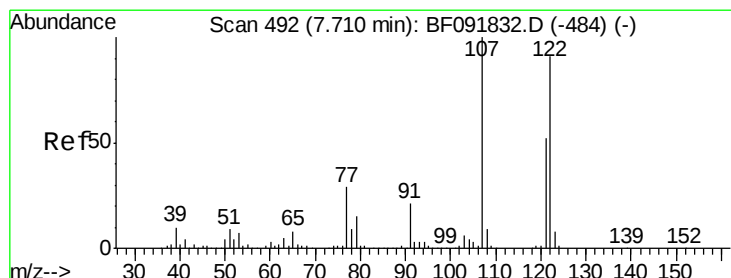
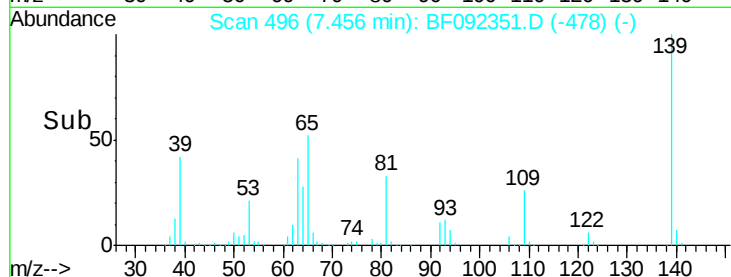
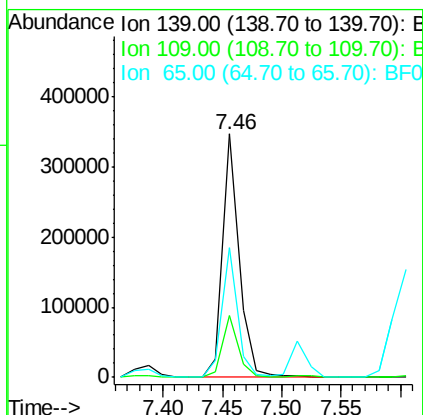
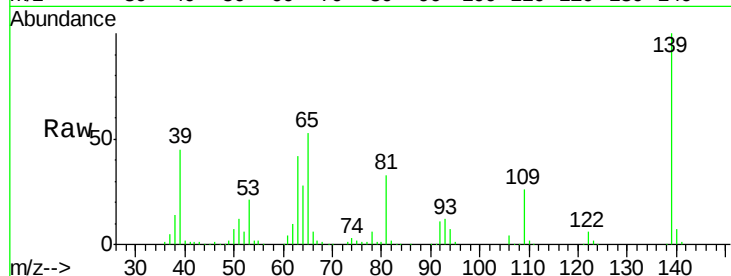




#26
 2-Nitrophenol
 Concen: 43.41 ng
 RT: 7.46 min Scan# 496
 Delta R.T. -0.10 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

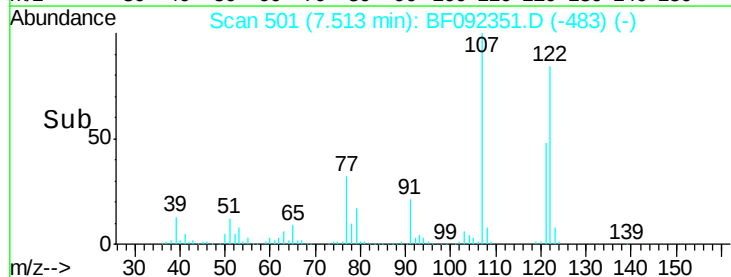
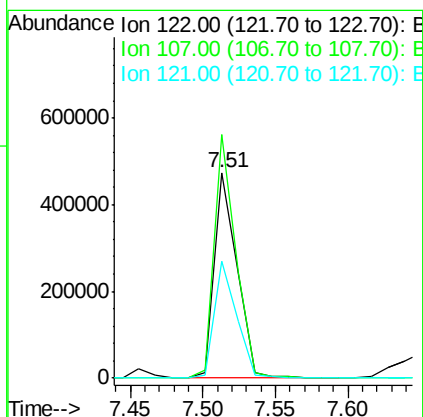
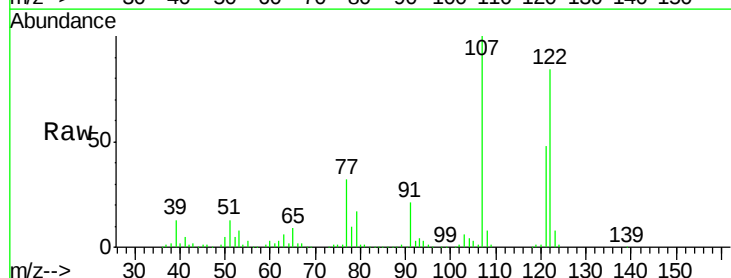
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

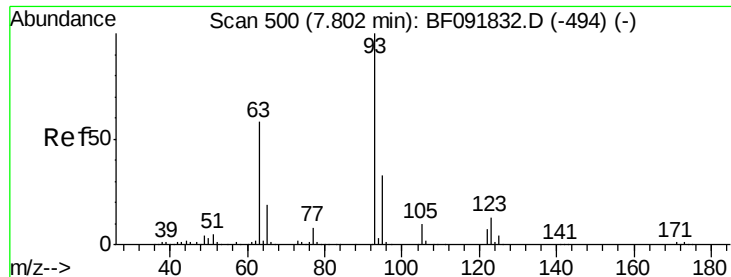
Tgt Ion:139 Resp: 334400
 Ion Ratio Lower Upper
 139 100
 109 25.6 23.3 34.9
 65 53.4 42.7 64.1



#27
 2,4-Dimethylphenol
 Concen: 40.35 ng
 RT: 7.51 min Scan# 501
 Delta R.T. -0.10 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:122 Resp: 515483
 Ion Ratio Lower Upper
 122 100
 107 118.4 94.1 141.1
 121 56.6 46.0 69.0

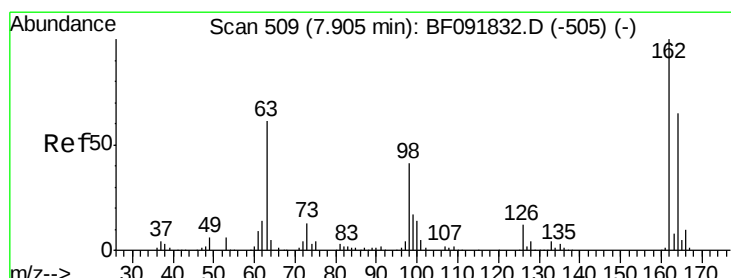
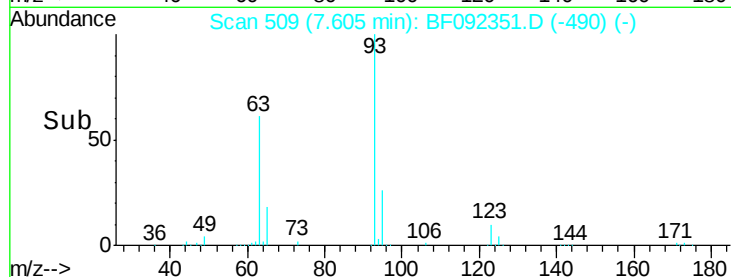
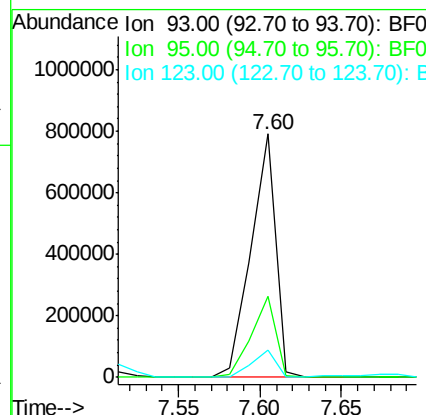
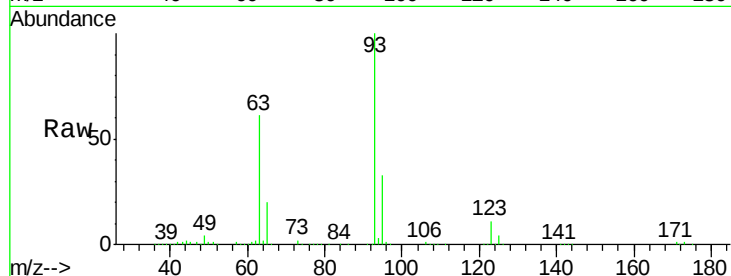




#28
 bis(2-Chloroethoxy)methane
 Concen: 50.90 ng
 RT: 7.60 min Scan# 509
 Delta R.T. -0.09 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

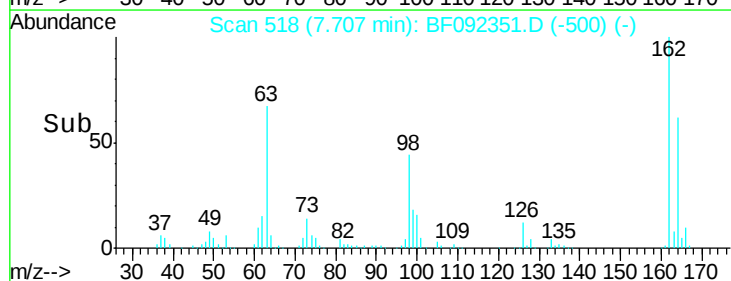
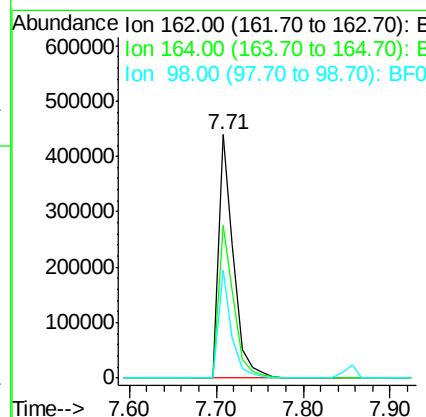
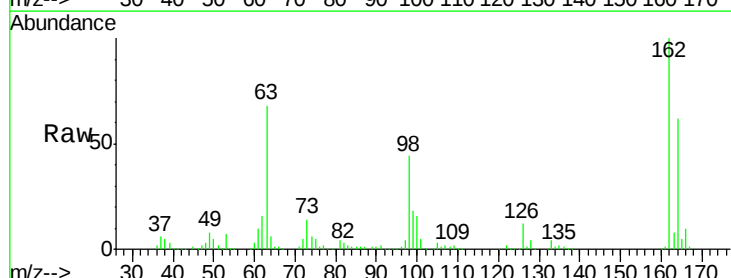
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

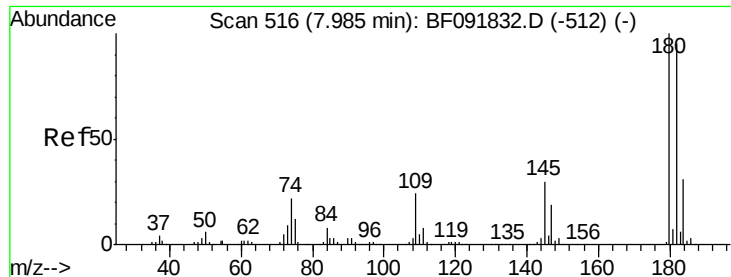
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.3	8.6	13.0



#29
 2,4-Dichlorophenol
 Concen: 48.85 ng
 RT: 7.71 min Scan# 518
 Delta R.T. -0.10 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	46.8	86.8
98	44.3	9.1	49.1

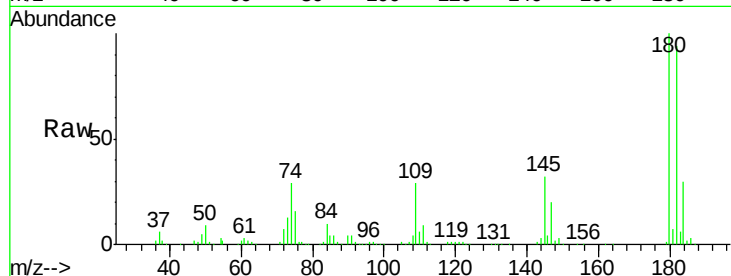




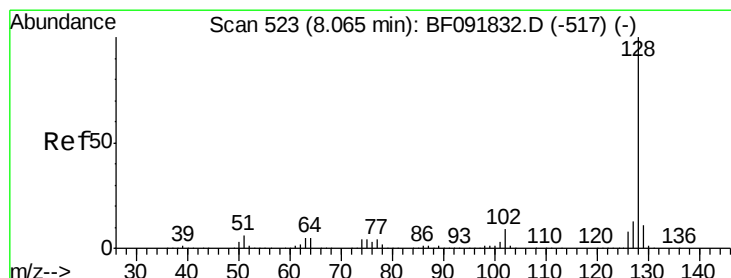
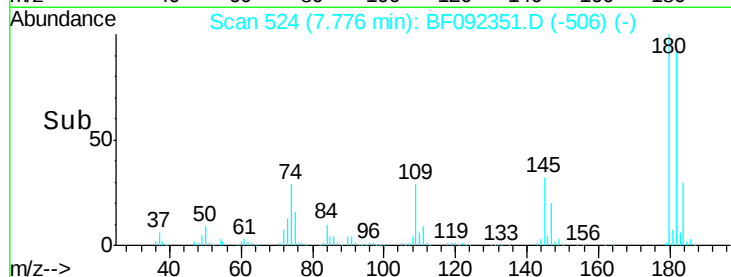
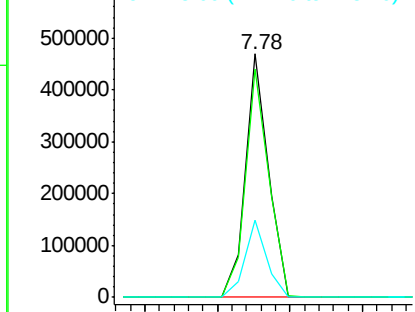
#30
 1,2,4-Trichlorobenzene
 Concen: 43.37 ng
 RT: 7.78 min Scan# 524
 Delta R.T. -0.10 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion:180 Resp: 514217
 Ion Ratio Lower Upper
 180 100
 182 93.8 78.2 117.4
 145 31.7 21.6 32.4

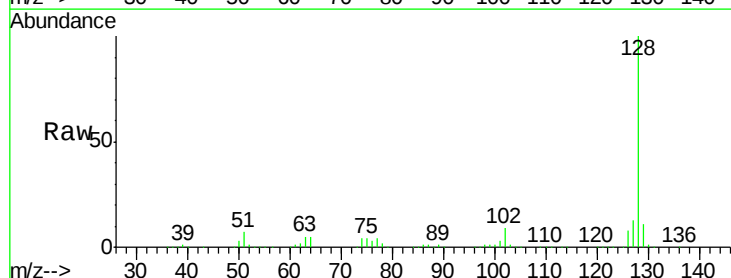


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

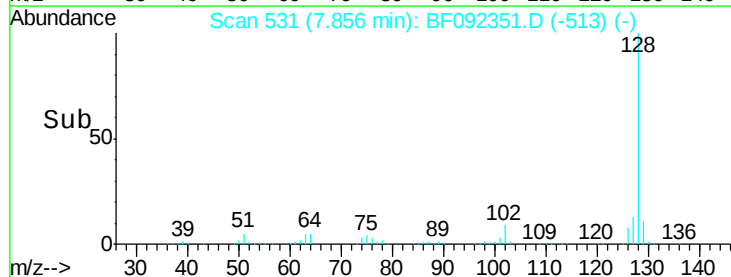
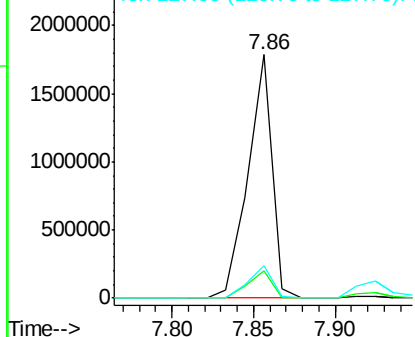


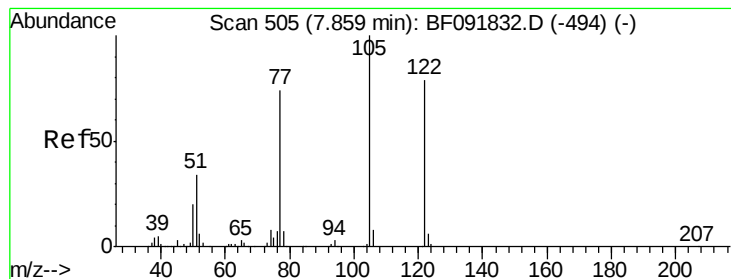
#31
 Naphthalene
 Concen: 48.73 ng
 RT: 7.86 min Scan# 531
 Delta R.T. -0.10 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:128 Resp: 1818677
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.5 14.3
 127 13.5 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: 34.41 ng

RT: 7.68 min Scan# 516

Delta R.T. -0.07 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

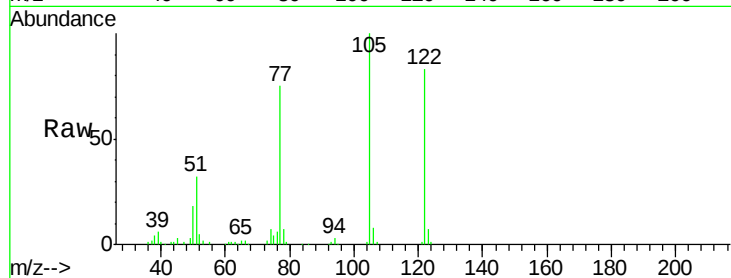
Tgt Ion:122 Resp: 326125

Ion Ratio Lower Upper

122 100

105 120.9 107.2 147.2

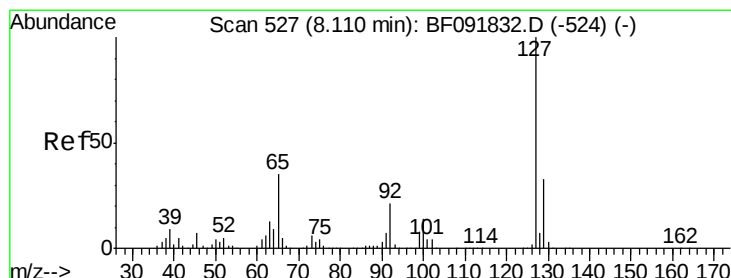
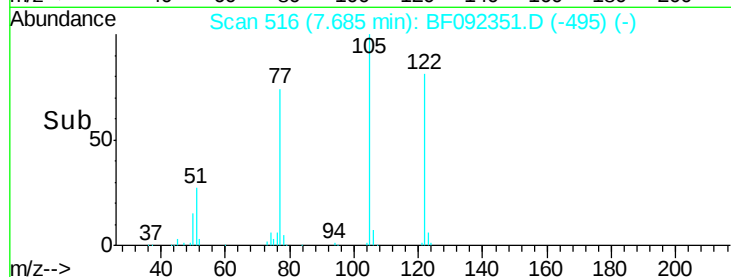
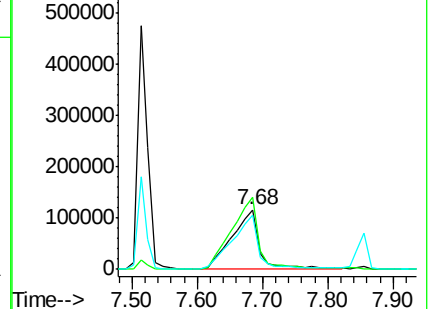
77 90.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 12.65 ng

RT: 7.92 min Scan# 537

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Tgt Ion:127 Resp: 212898

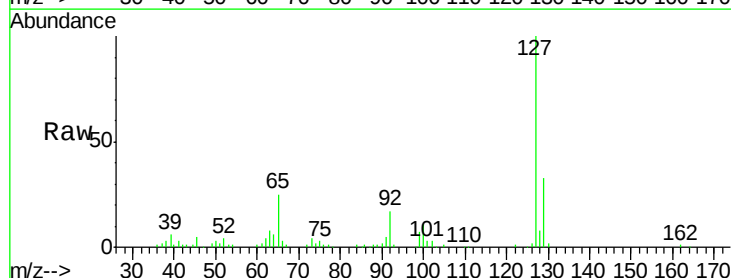
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 24.6 25.8 38.8#

92 16.7 16.1 24.1

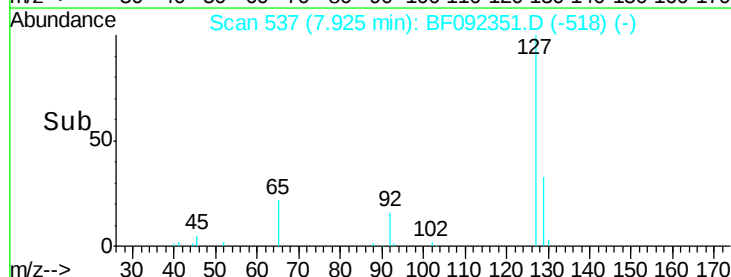
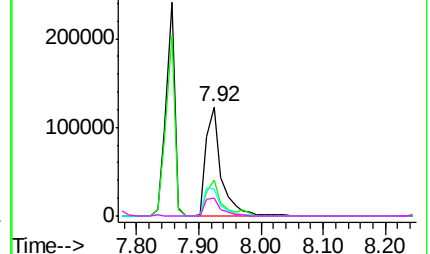


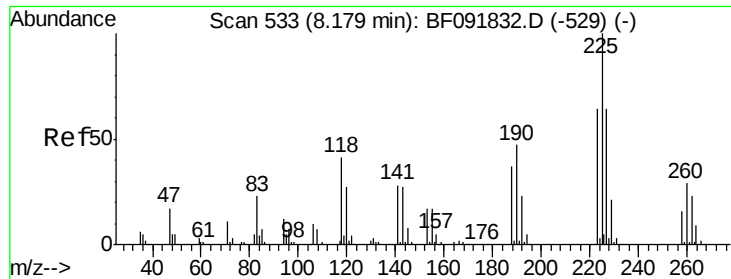
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

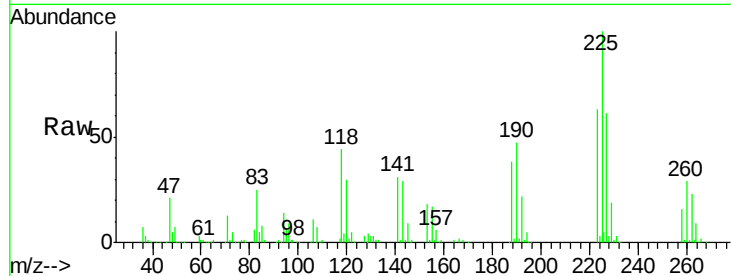




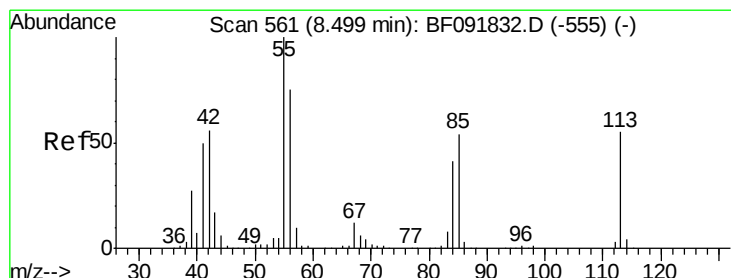
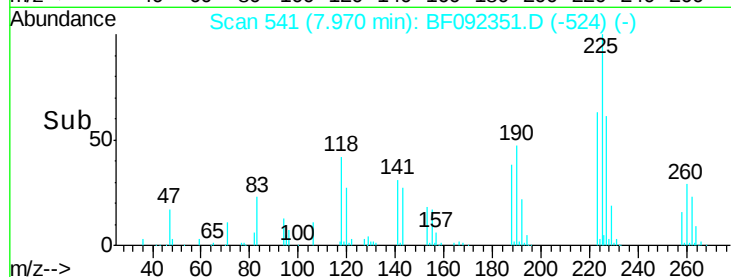
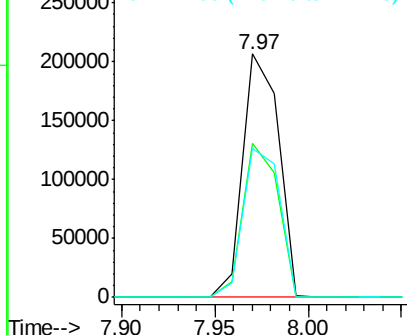
#34
Hexachlorobutadiene
Concen: 44.00 ng
RT: 7.97 min Scan# 541
Delta R.T. -0.11 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tgt Ion: 225 Resp: 275365
Ion Ratio Lower Upper
225 100
223 63.5 51.0 76.6
227 61.4 50.6 76.0

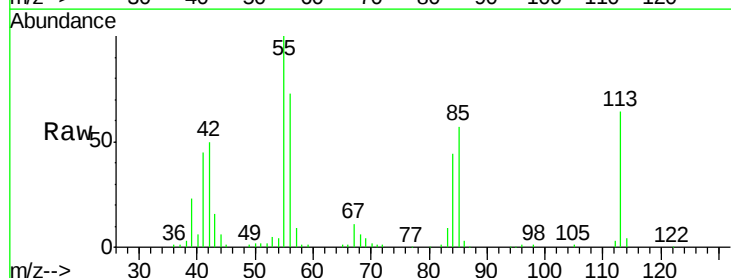


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

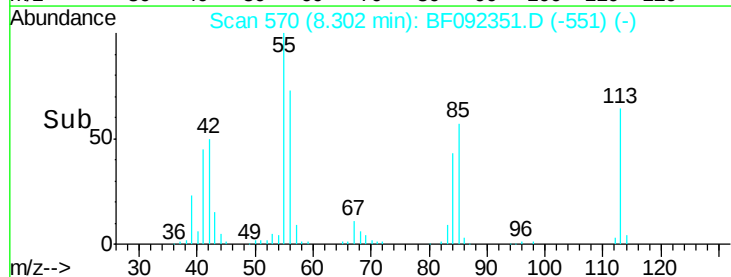
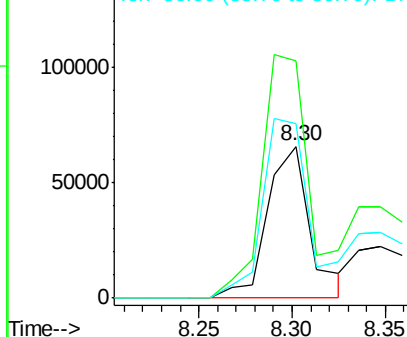


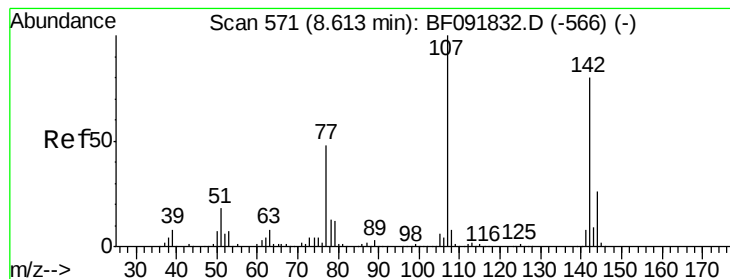
#35
Caprolactam
Concen: 29.41 ng
RT: 8.30 min Scan# 570
Delta R.T. -0.09 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion: 113 Resp: 104564
Ion Ratio Lower Upper
113 100
55 156.7 119.2 159.2
56 115.1 83.8 123.8



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





#36

4-Chloro-3-methylphenol

Concen: 42.06 ng

RT: 8.43 min Scan# 581

Delta R.T. -0.08 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

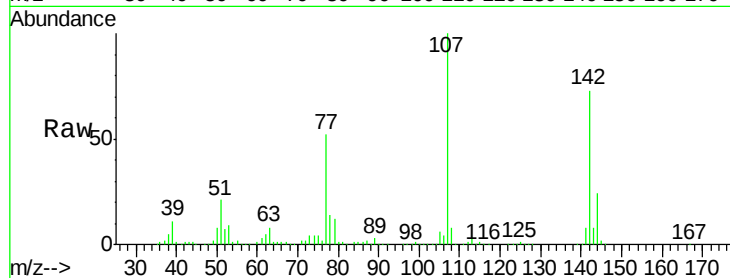
Tgt Ion:107 Resp: 523616

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

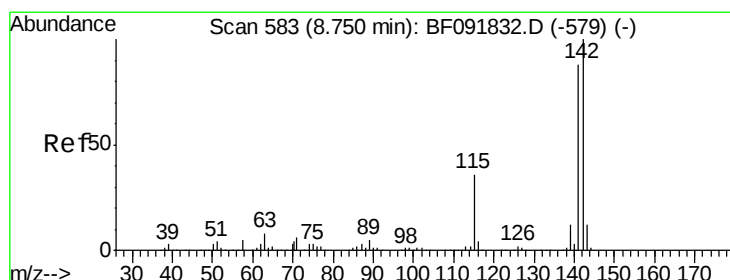
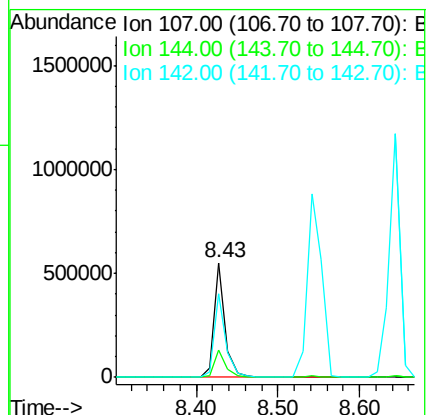
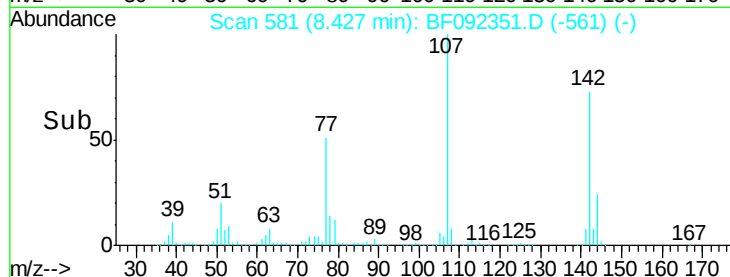
142 73.4 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 50.05 ng

RT: 8.54 min Scan# 591

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

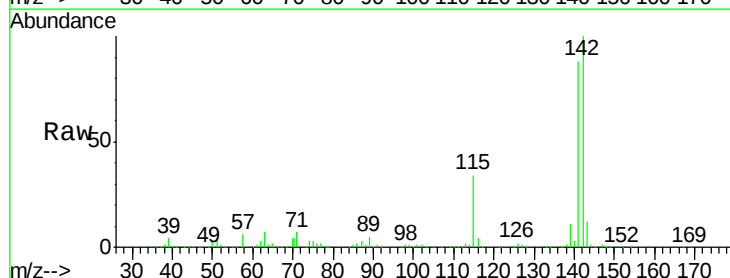
Tgt Ion:142 Resp: 1086384

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6

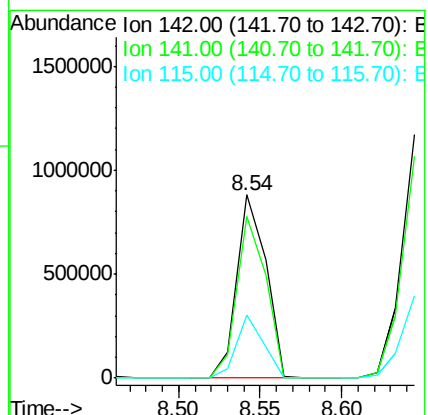
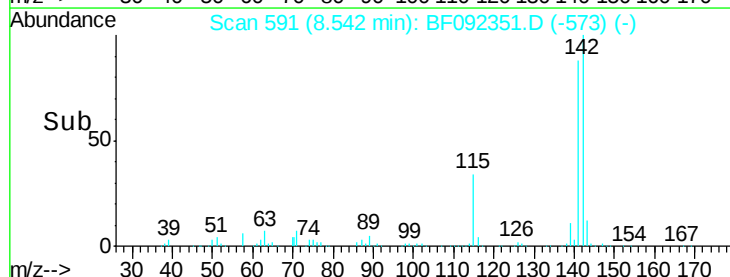
115 34.4 28.3 42.5

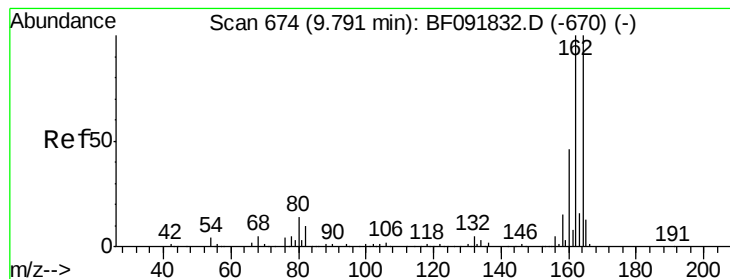


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

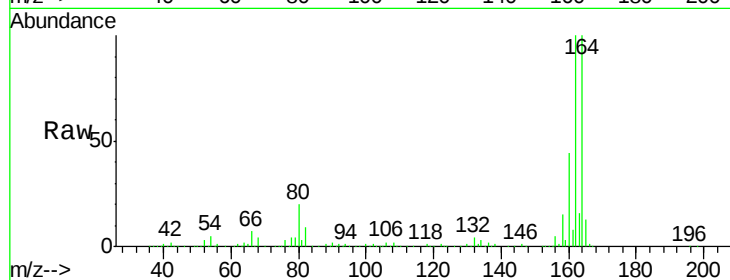
Tgt Ion:164 Resp: 416745

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

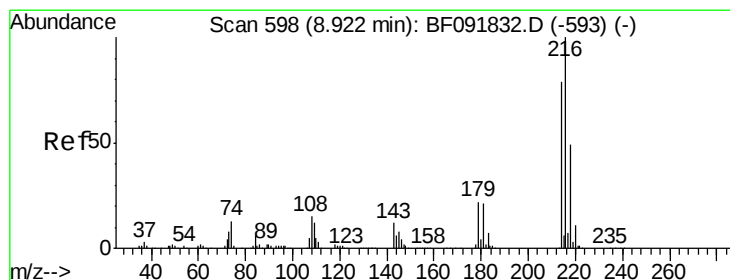
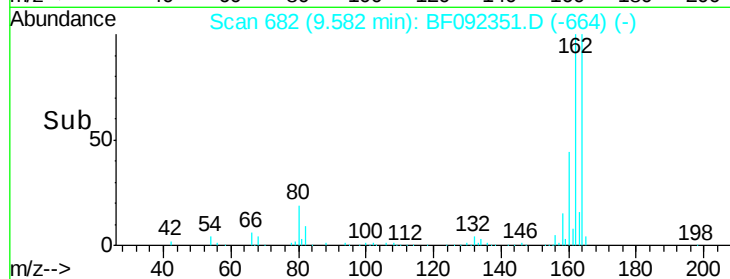
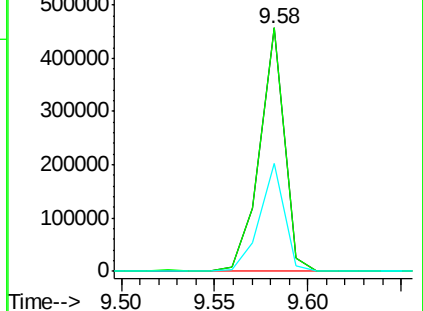
160 44.4 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.59 ng

RT: 8.71 min Scan# 606

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Tgt Ion:216 Resp: 458954

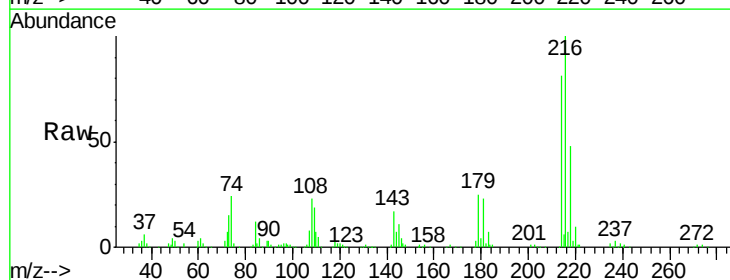
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.0

179 22.9 17.4 26.2

108 22.7 15.6 23.4

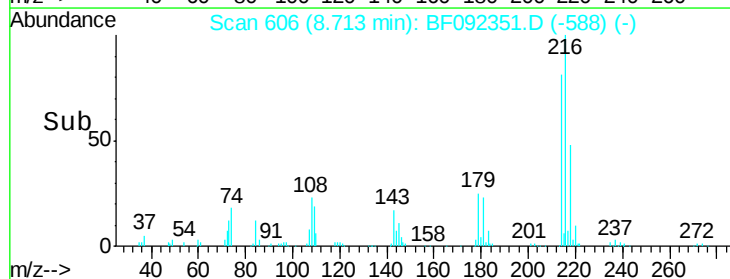
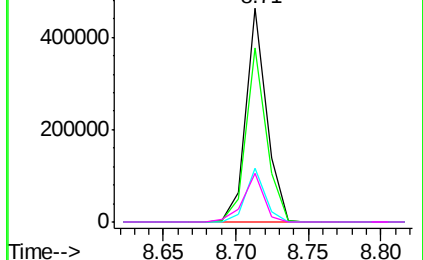


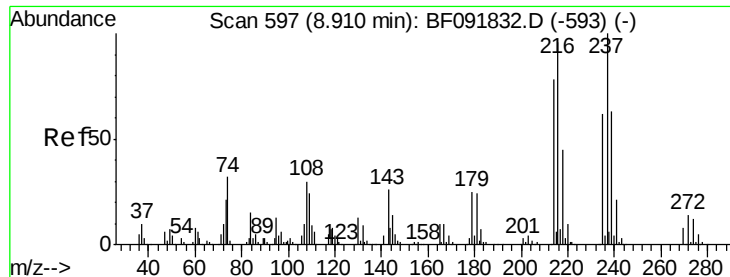
Abundance Ion 216.00 (215.70 to 216.70): E

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

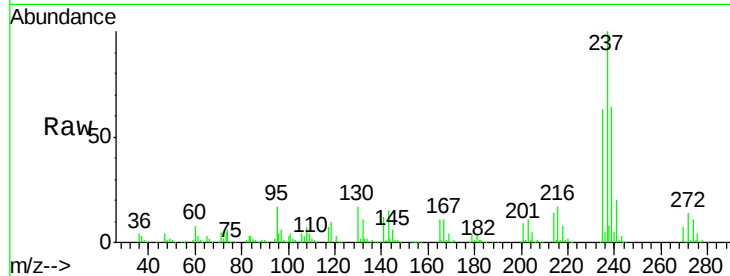




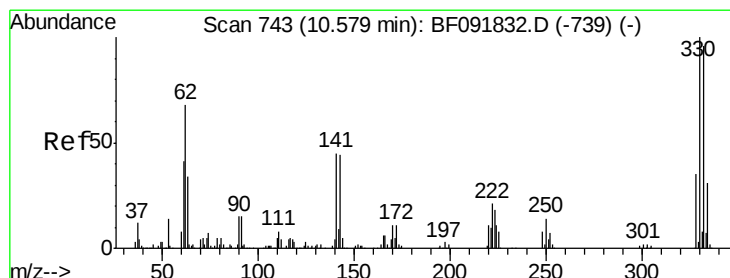
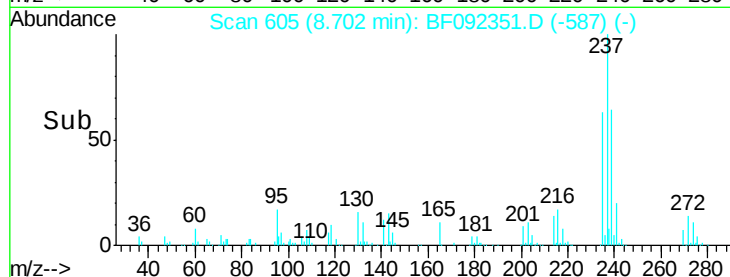
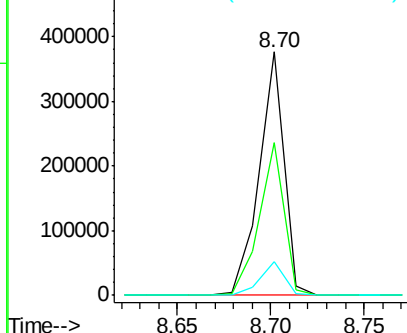
#40
Hexachlorocyclopentadiene
Concen: 74.08 ng
RT: 8.70 min Scan# 605
Delta R.T. -0.10 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tgt Ion: 237 Resp: 345922
Ion Ratio Lower Upper
237 100
235 62.9 41.2 81.2
272 13.6 0.0 35.4

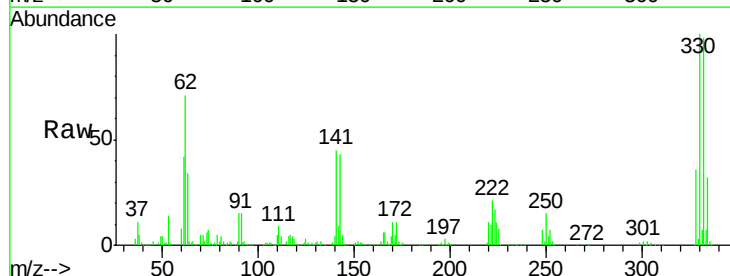


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

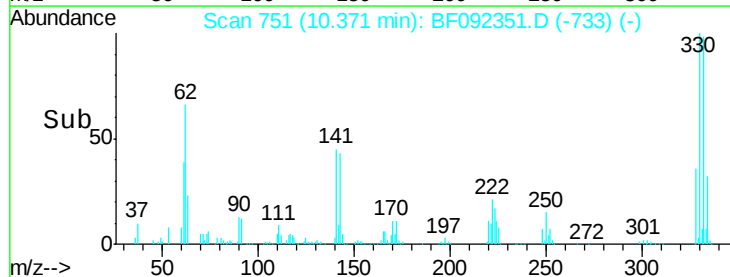
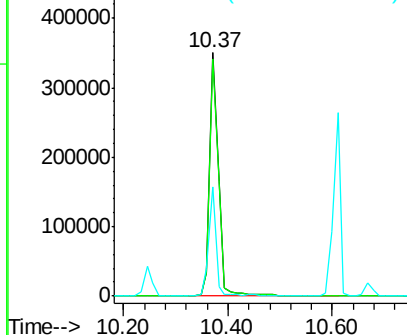


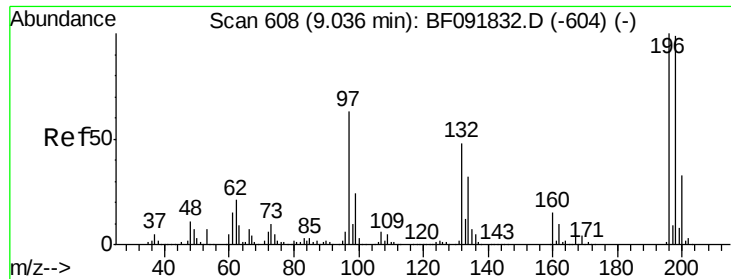
#41
2,4,6-Tribromophenol
Concen: 119.77 ng
RT: 10.37 min Scan# 751
Delta R.T. -0.10 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion: 330 Resp: 413076
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 36.6 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

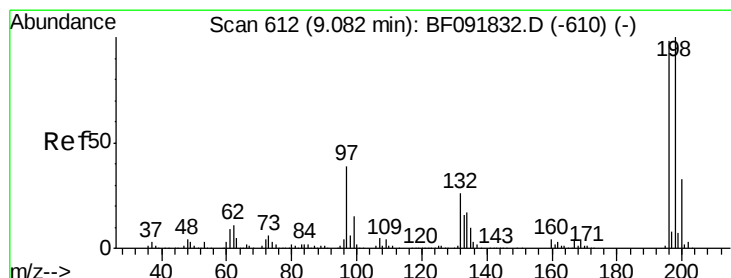
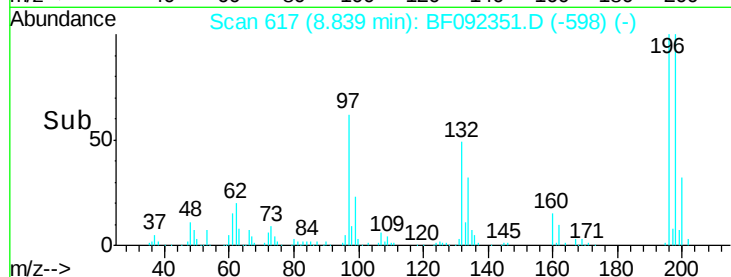
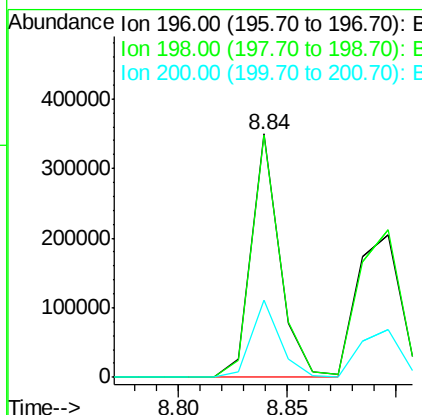
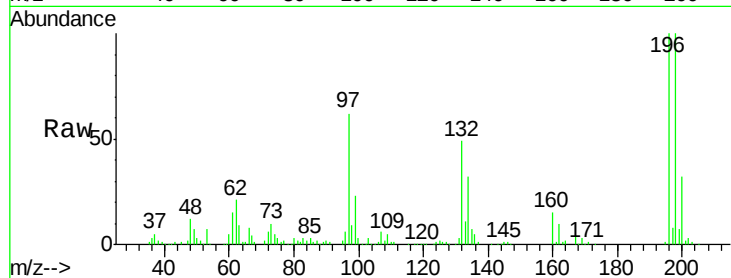




#42
 2,4,6-Trichlorophenol
 Concen: 43.49 ng
 RT: 8.84 min Scan# 617
 Delta R.T. -0.09 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

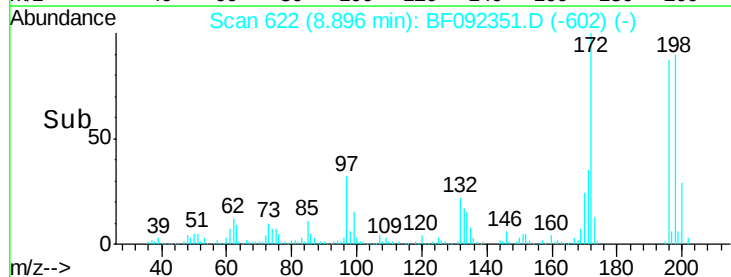
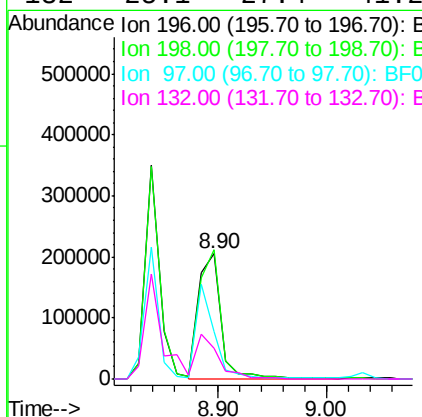
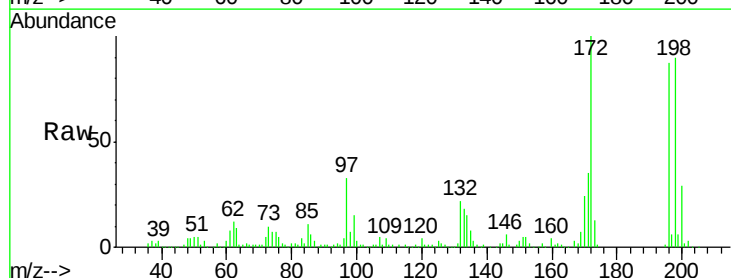
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

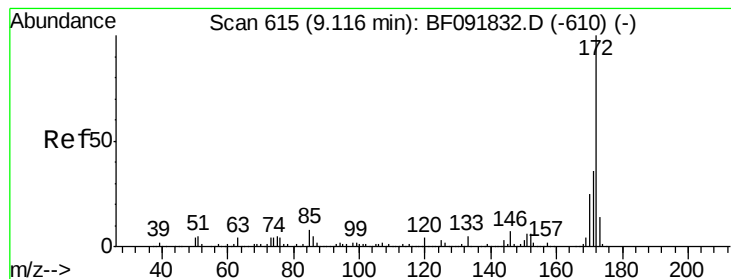
Tgt Ion:196 Resp: 320235
 Ion Ratio Lower Upper
 196 100
 198 99.7 82.1 123.1
 200 31.6 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 39.26 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.08 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:196 Resp: 297500
 Ion Ratio Lower Upper
 196 100
 198 103.5 79.4 119.2
 97 37.5 51.5 77.3#
 132 25.1 27.4 41.2#





#44

2-Fluorobiphenyl

Concen: 113.90 ng

RT: 8.92 min Scan# 624

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

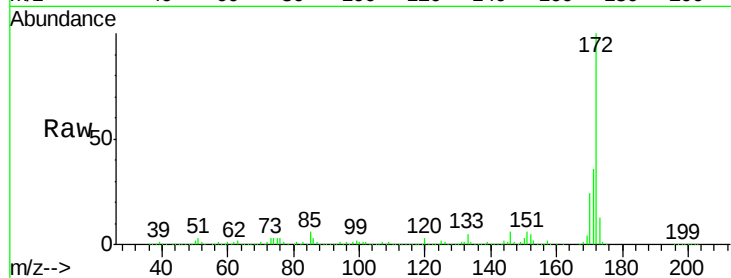
Tgt Ion:172 Resp: 2227471

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

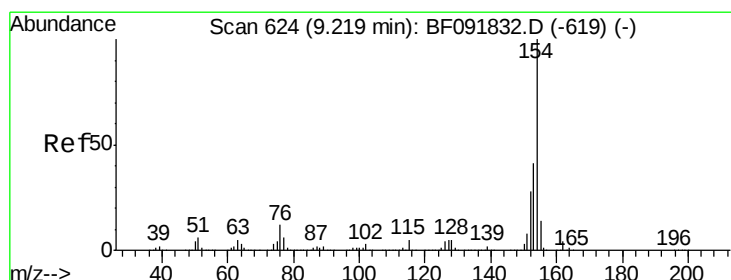
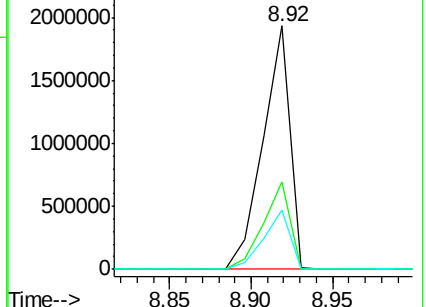
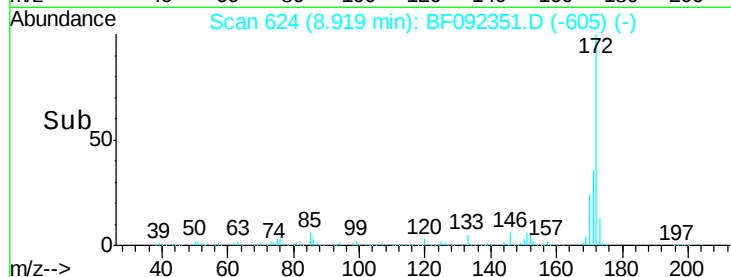
170 24.4 20.2 30.4



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: 45.38 ng

RT: 9.01 min Scan# 632

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

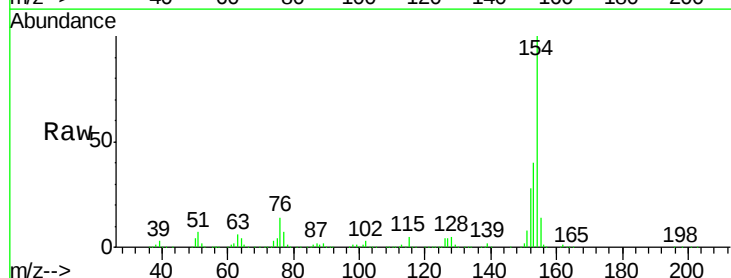
Tgt Ion:154 Resp: 1294991

Ion Ratio Lower Upper

154 100

153 39.8 20.9 60.9

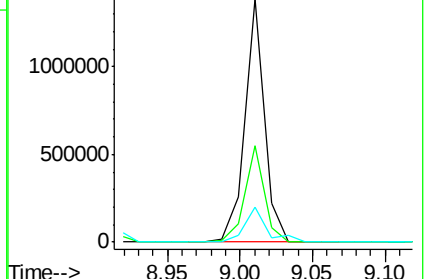
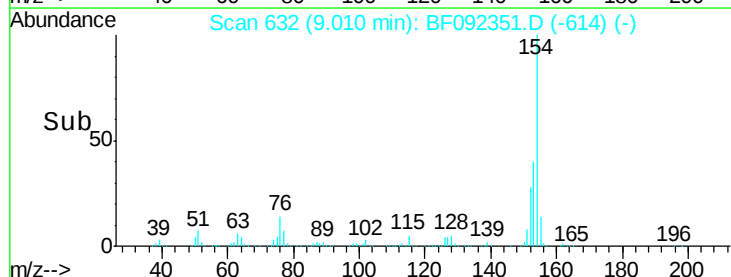
76 14.3 0.0 30.5

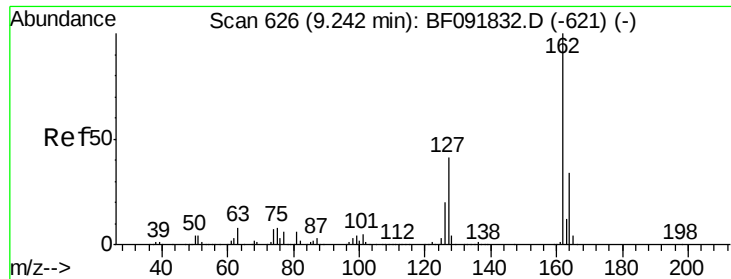


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

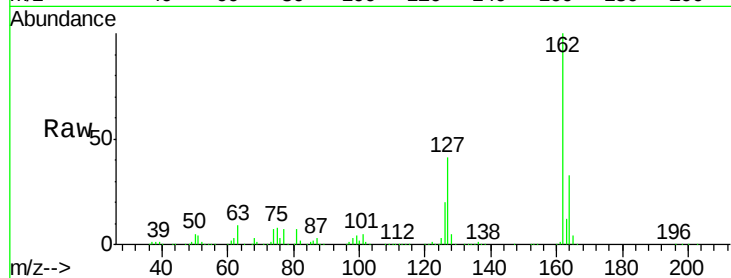




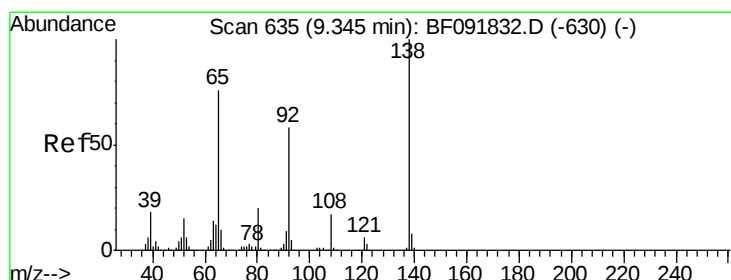
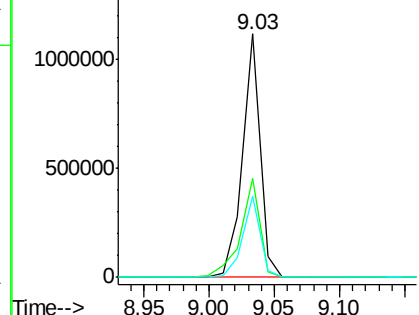
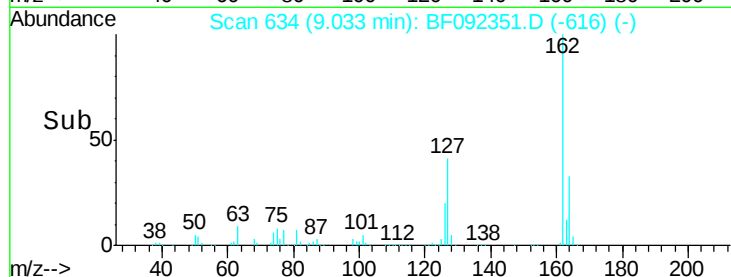
#46
 2-Chloronaphthalene
 Concen: 45.99 ng
 RT: 9.03 min Scan# 634
 Delta R.T. -0.10 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleID :
 PB96090BS

Tgt Ion: 162 Resp: 1039253
 Ion Ratio Lower Upper
 162 100
 127 40.9 30.7 46.1
 164 33.3 27.6 41.4

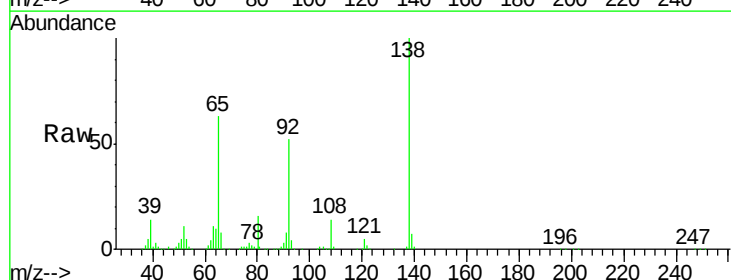


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

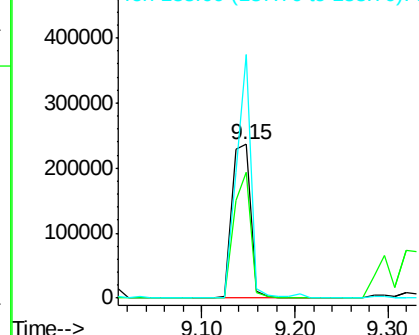
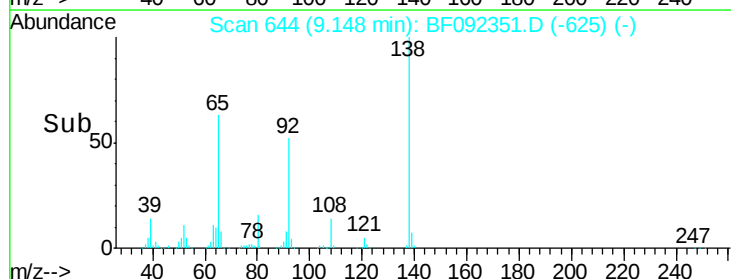


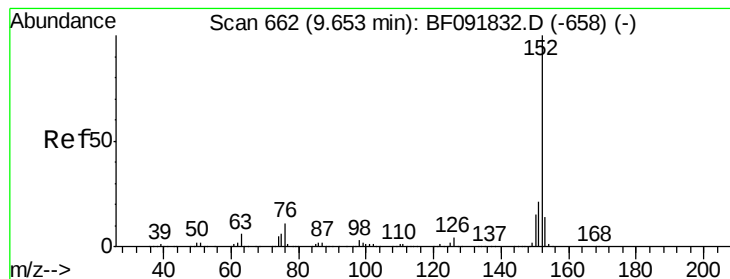
#47
 2-Nitroaniline
 Concen: 41.29 ng
 RT: 9.15 min Scan# 644
 Delta R.T. -0.09 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion: 65 Resp: 332226
 Ion Ratio Lower Upper
 65 100
 92 82.0 53.9 80.9#
 138 158.4 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): E





#48

Acenaphthylene

Concen: 44.96 ng

RT: 9.44 min Scan# 670

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

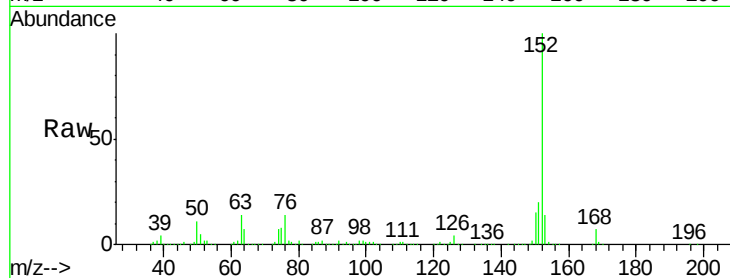
Tgt Ion:152 Resp: 1562420

Ion Ratio Lower Upper

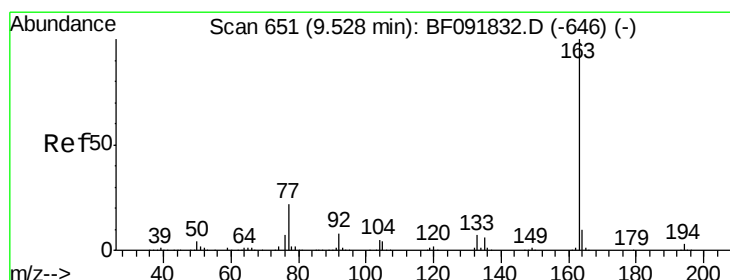
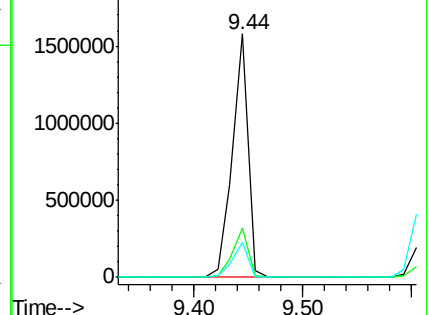
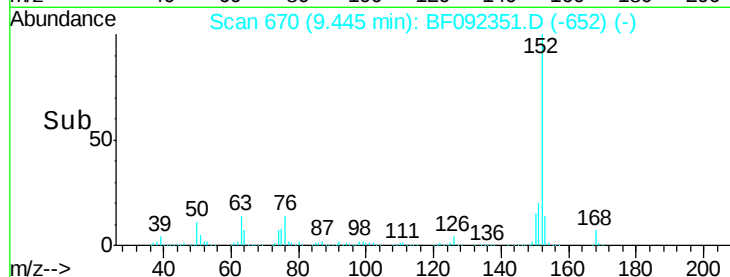
152 100

151 20.4 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: 47.70 ng

RT: 9.33 min Scan# 660

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

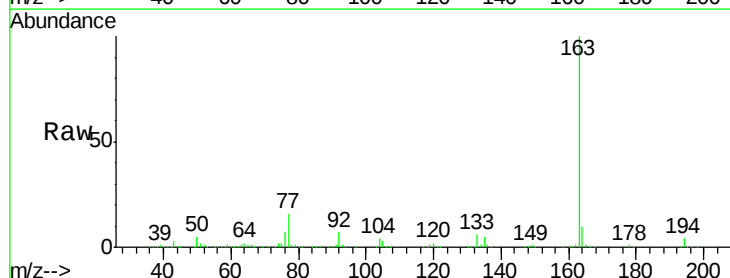
Tgt Ion:163 Resp: 1271298

Ion Ratio Lower Upper

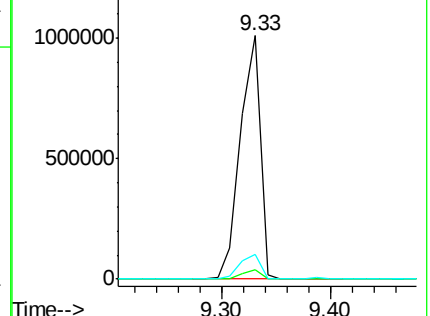
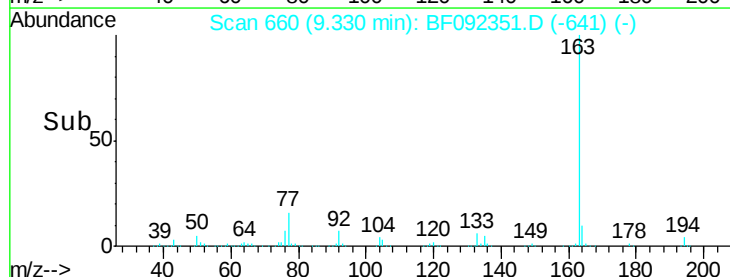
163 100

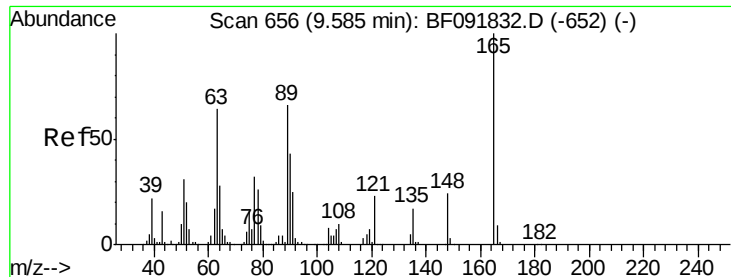
194 3.6 3.0 4.4

164 10.0 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

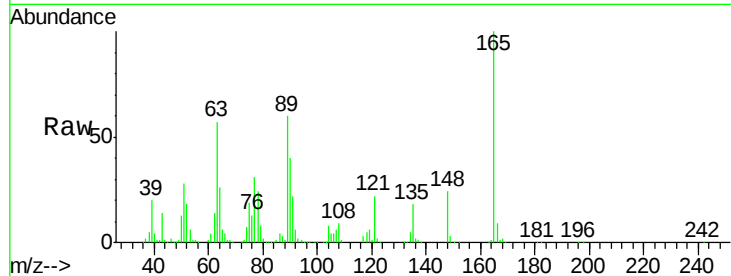




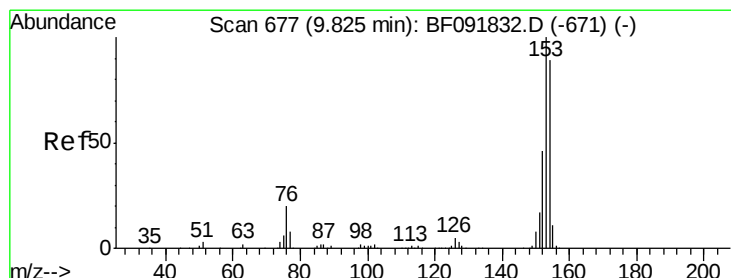
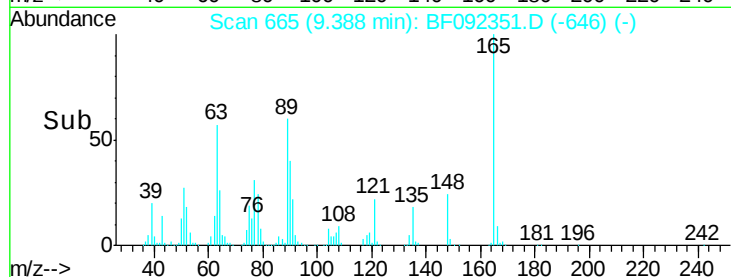
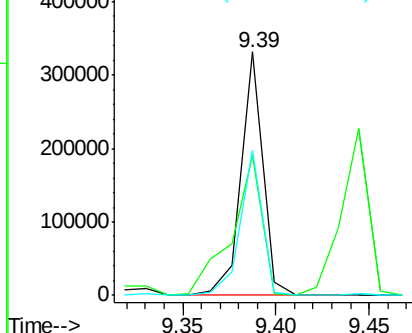
#50
2,6-Dinitrotoluene
Concen: 46.60 ng
RT: 9.39 min Scan# 665
Delta R.T. -0.09 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tgt Ion:165 Resp: 271837
Ion Ratio Lower Upper
165 100
63 57.4 36.2 54.4#
89 59.6 40.2 60.4

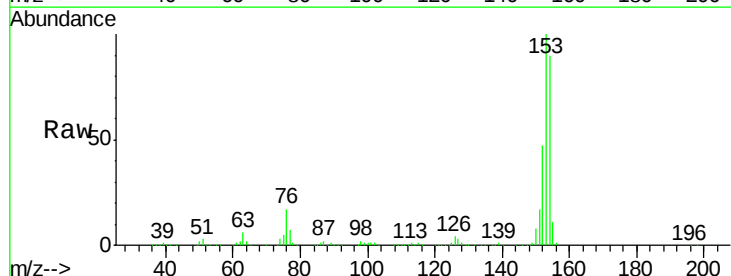


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

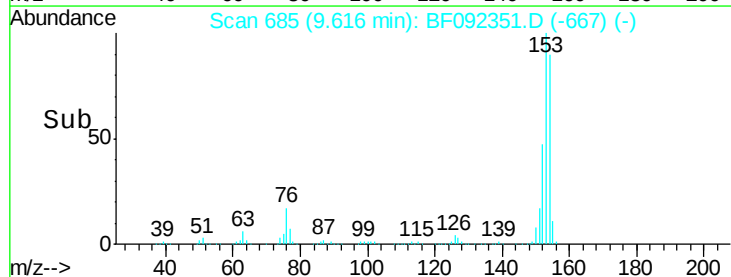
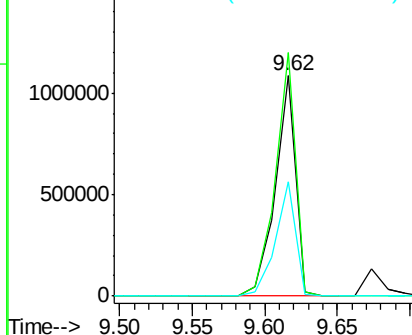


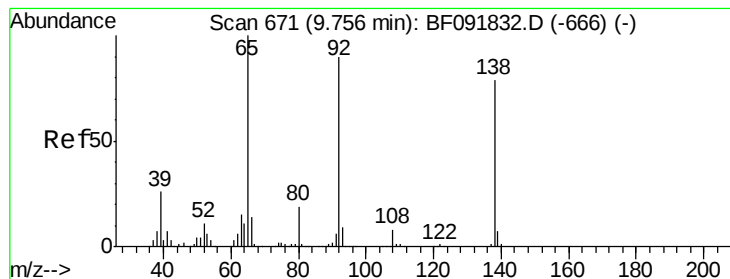
#51
Acenaphthene
Concen: 44.37 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.10 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion:154 Resp: 1045391
Ion Ratio Lower Upper
154 100
153 110.5 88.6 133.0
152 51.9 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: 22.52 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

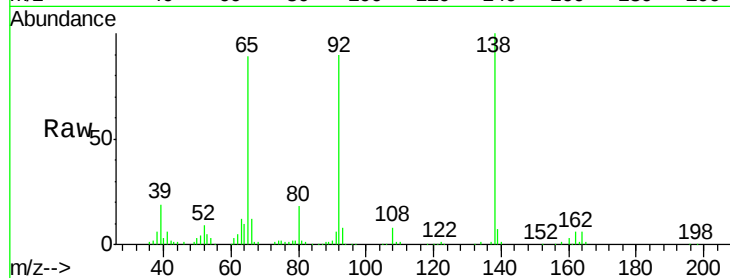
Tgt Ion:138 Resp: 162613

Ion Ratio Lower Upper

138 100

108 8.4 8.5 12.7#

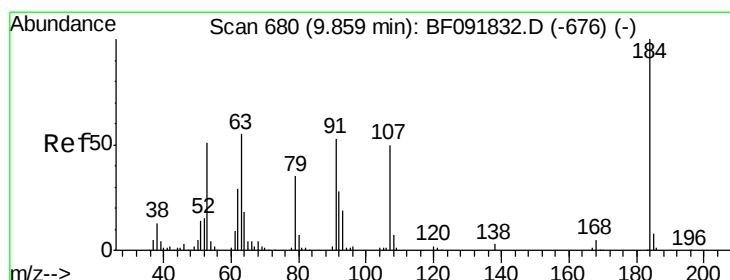
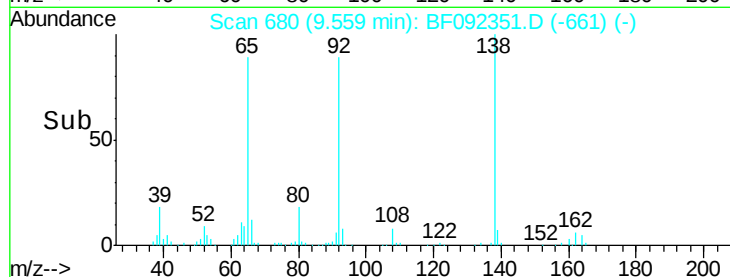
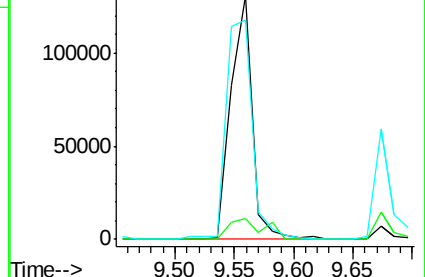
92 90.0 97.8 146.8#



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: 74.90 ng

RT: 9.67 min Scan# 690

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

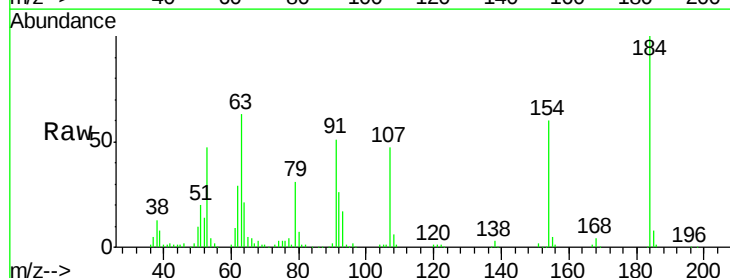
Tgt Ion:184 Resp: 243121

Ion Ratio Lower Upper

184 100

63 62.9 28.4 42.6#

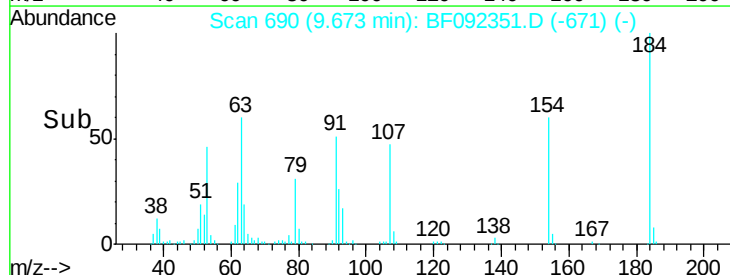
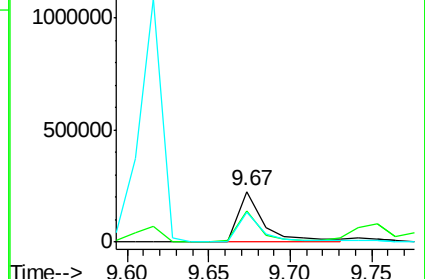
154 59.8 44.3 66.5

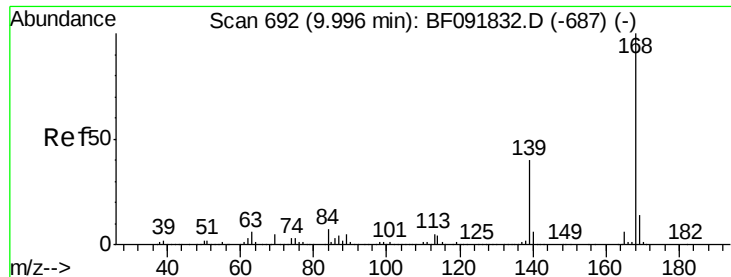


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

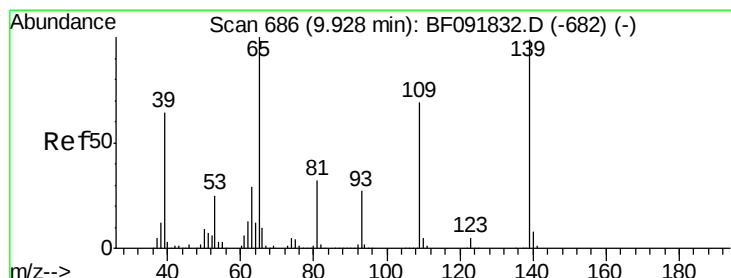
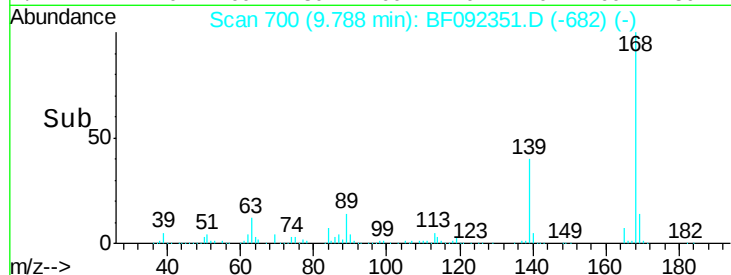
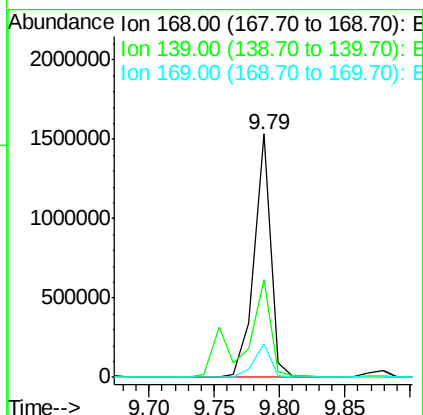
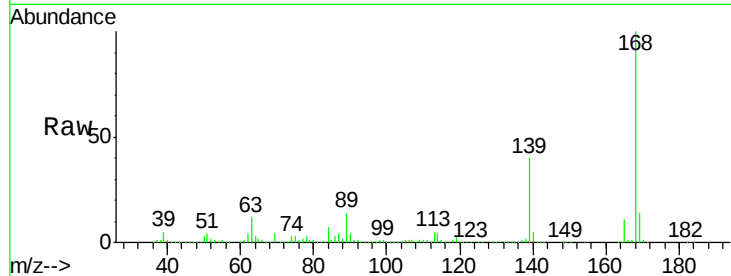




#54
Dibenzofuran
Concen: 42.97 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.10 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

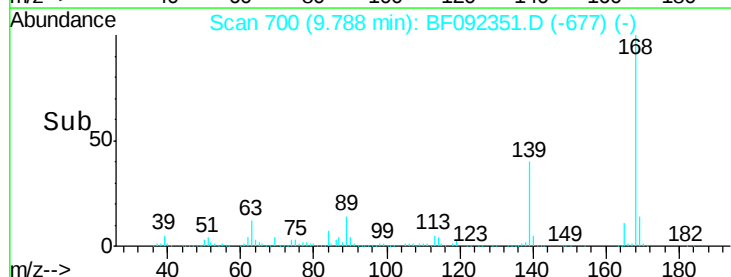
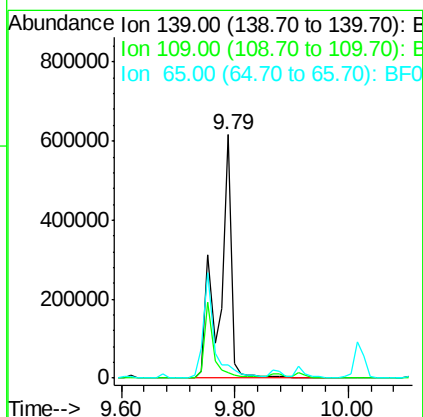
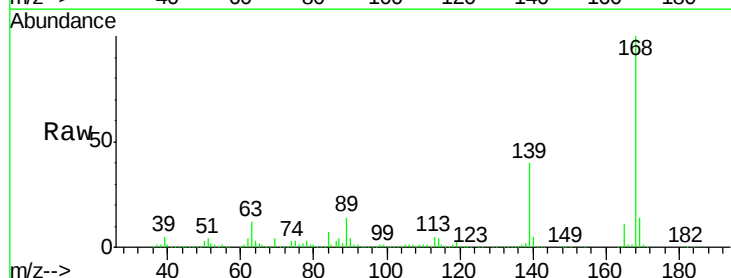
Instrument :
BNA_F
ClientSampleId :
PB96090BS

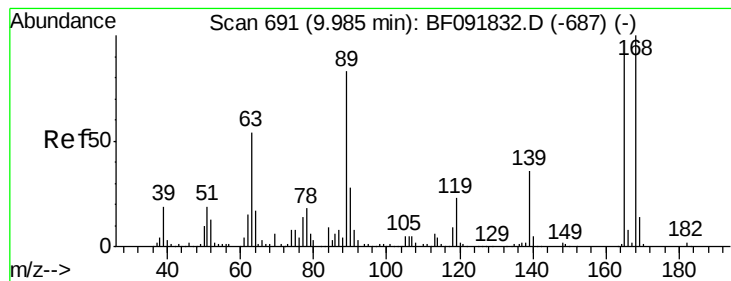
Tgt Ion:168 Resp: 1367405
Ion Ratio Lower Upper
168 100
139 40.2 32.6 49.0
169 13.9 11.3 16.9



#55
4-Nitrophenol
Concen: 183.53 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.04 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion:139 Resp: 899711
Ion Ratio Lower Upper
139 100
109 2.5 52.2 92.2#
65 5.4 85.8 125.8#





#56

2,4-Dinitrotoluene

Concen: 46.60 ng

RT: 9.80 min Scan# 701

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleID :

PB96090BS

Tgt Ion:165 Resp: 341235

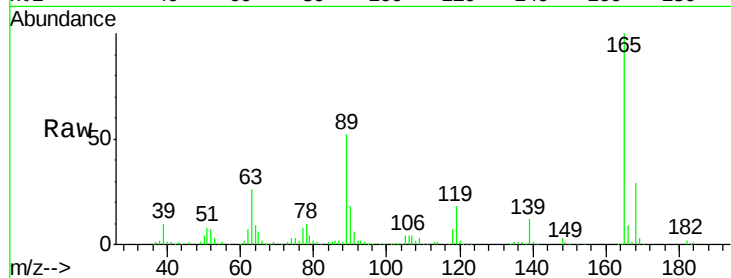
Ion Ratio Lower Upper

165 100

63 26.2 40.2 60.4#

89 52.0 62.5 93.7#

182 2.4 1.8 2.8

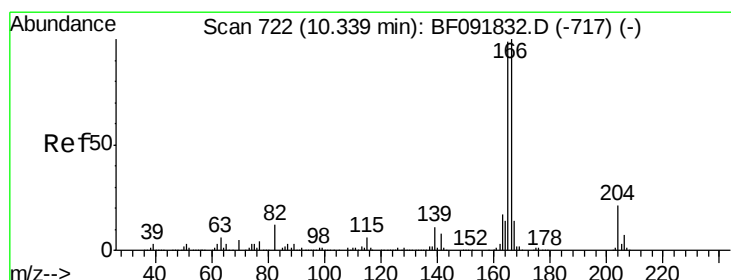
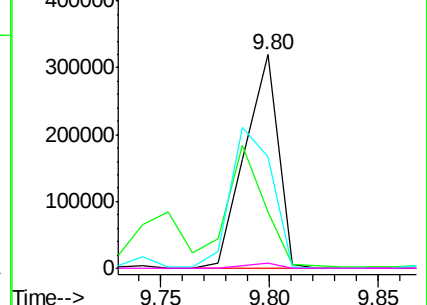
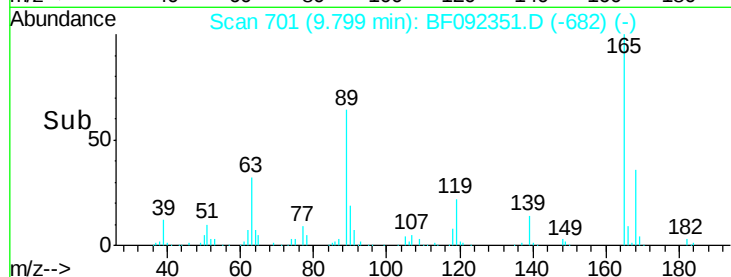


Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.04 ng

RT: 10.13 min Scan# 730

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

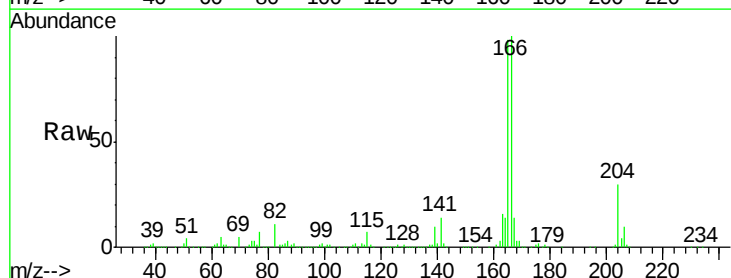
Tgt Ion:166 Resp: 1089053

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

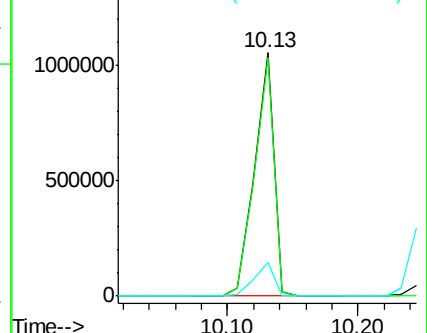
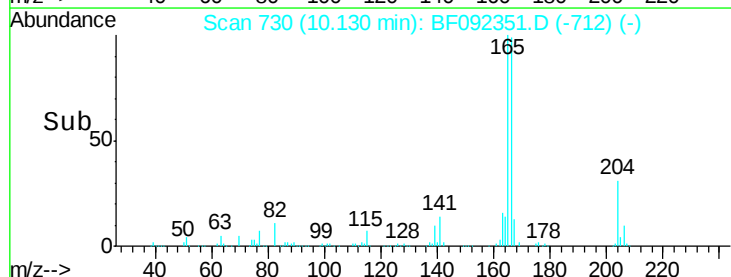
167 13.6 10.8 16.2

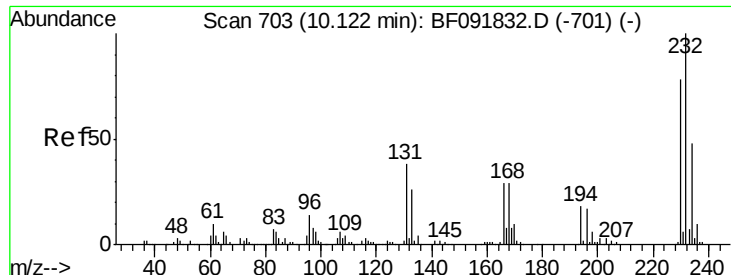


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

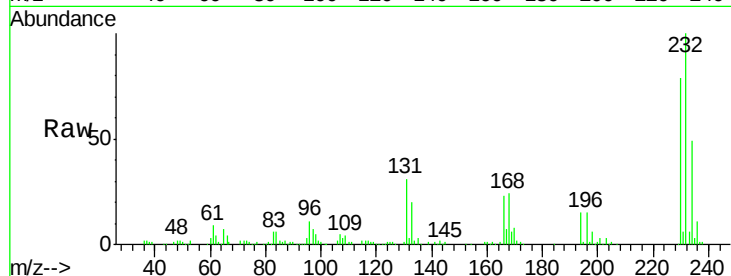




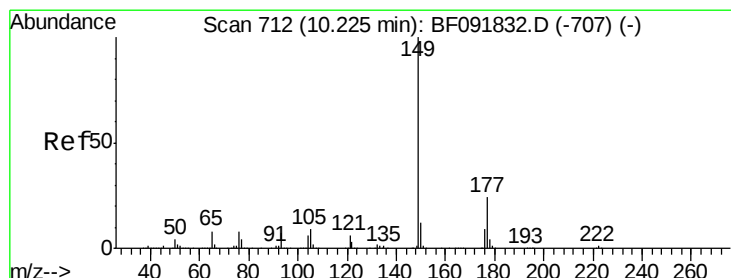
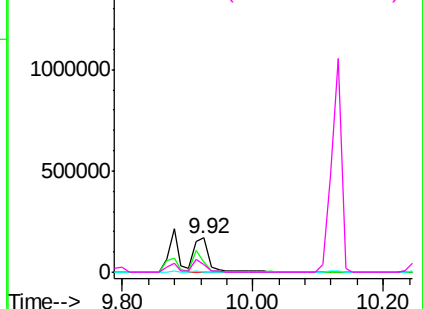
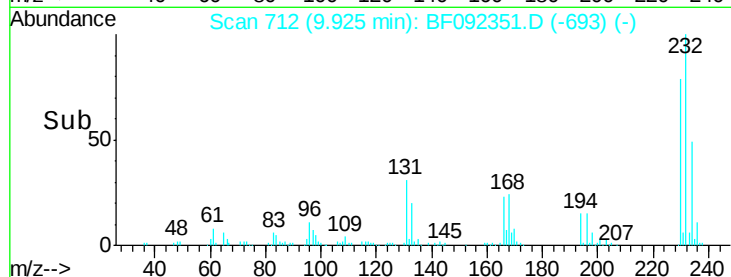
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.80 ng
 RT: 9.92 min Scan# 712
 Delta R.T. -0.09 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion:232 Resp: 268516
 Ion Ratio Lower Upper
 232 100
 131 45.7 40.1 60.1
 130 2.1 1.8 2.8
 166 28.7 26.6 39.8

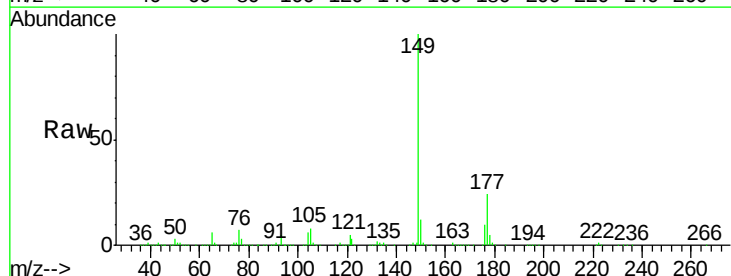


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

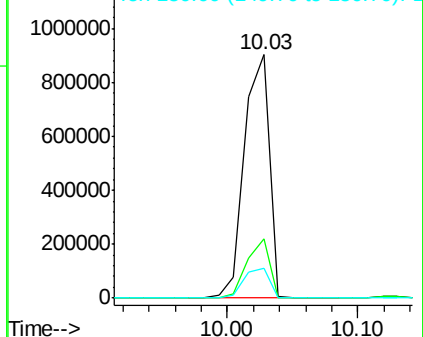
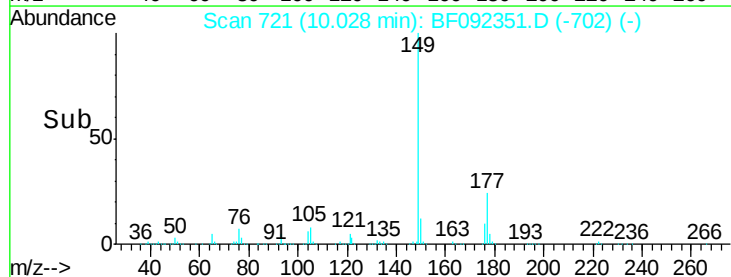


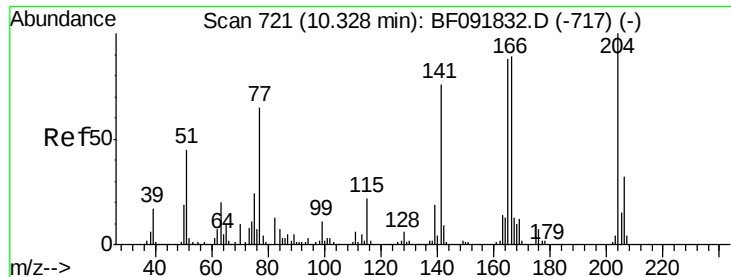
#59
 Diethylphthalate
 Concen: 46.23 ng
 RT: 10.03 min Scan# 721
 Delta R.T. -0.09 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:149 Resp: 1196593
 Ion Ratio Lower Upper
 149 100
 177 24.5 16.6 25.0
 150 12.0 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

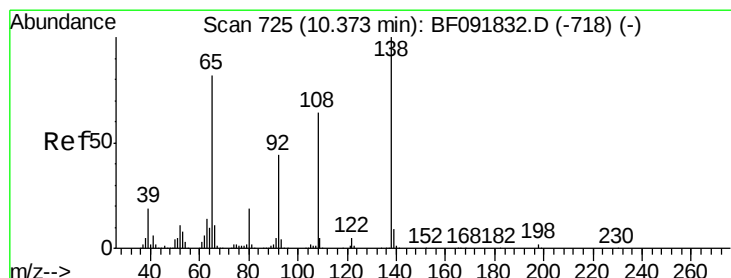
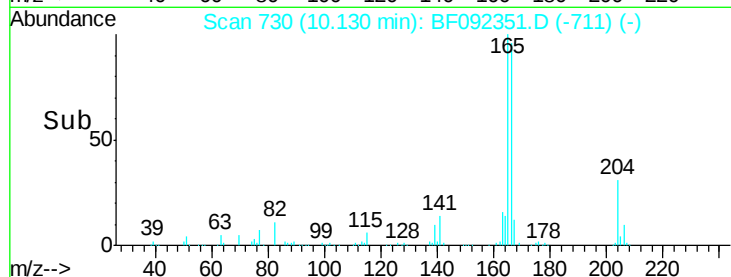
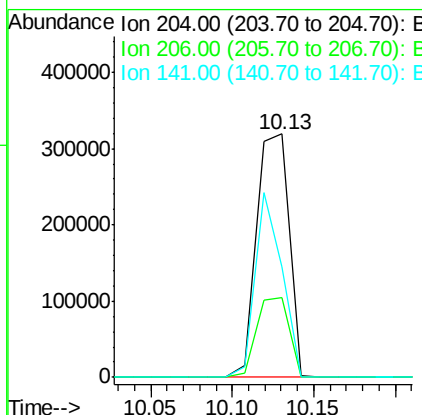
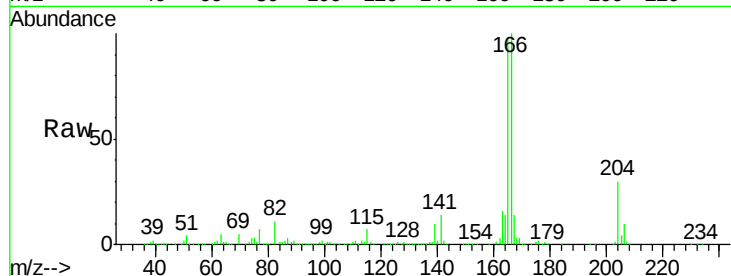




#60
 4-Chlorophenyl-phenylether
 Concen: 43.78 ng
 RT: 10.13 min Scan# 730
 Delta R.T. -0.09 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

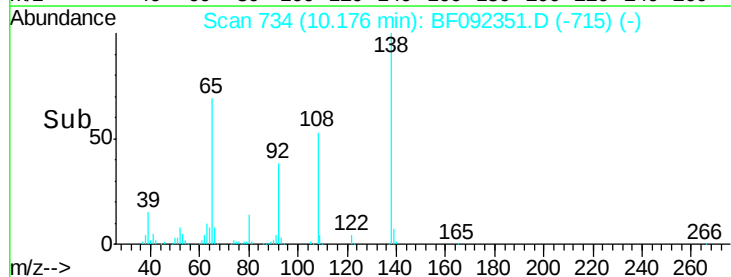
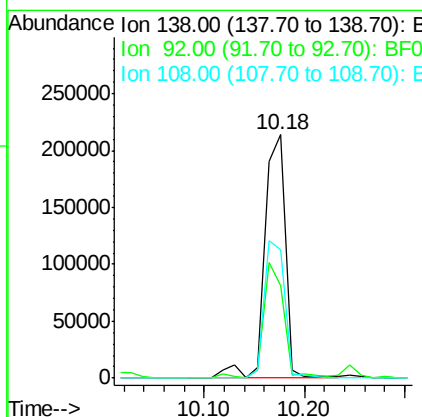
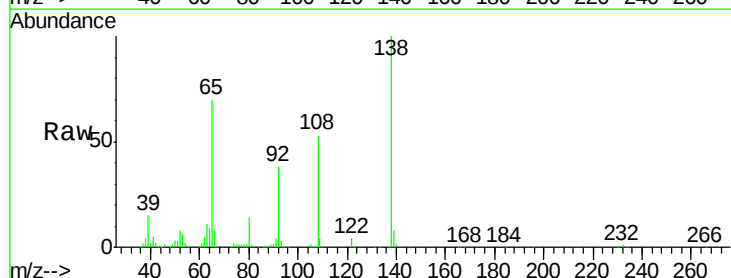
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

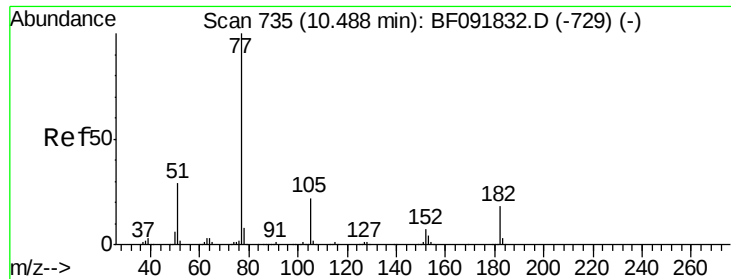
Tgt Ion:204 Resp: 443723
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.8 38.6
 141 45.2 59.4 89.0#



#61
 4-Nitroaniline
 Concen: 40.88 ng
 RT: 10.18 min Scan# 734
 Delta R.T. -0.09 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:138 Resp: 305844
 Ion Ratio Lower Upper
 138 100
 92 37.8 31.7 71.7
 108 52.8 52.6 92.6





#62

Azobenzene

Concen: 45.44 ng

RT: 10.28 min Scan# 743

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

Tgt Ion: 77 Resp: 1295075

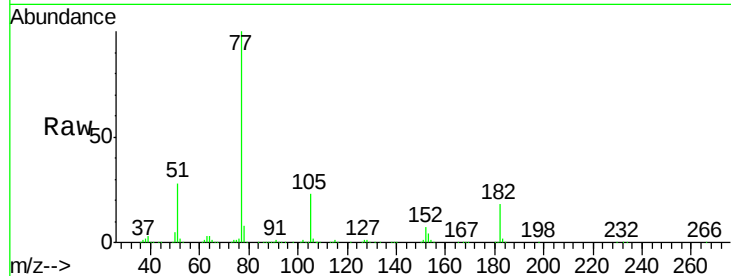
Ion Ratio Lower Upper

77 100

182 17.7 0.0 39.3

105 23.1 2.3 42.3

51 27.7 8.9 48.9

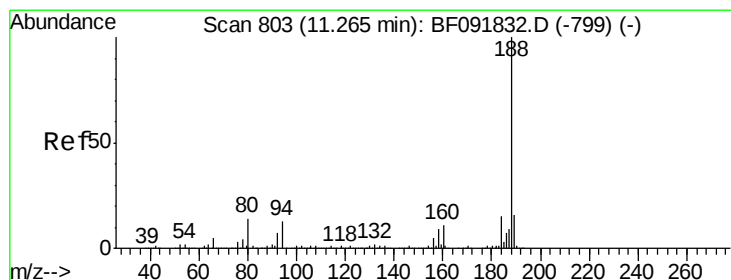
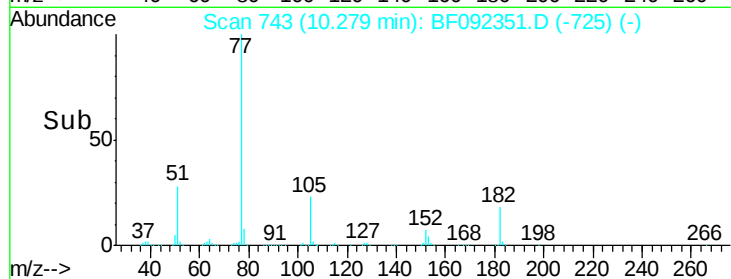
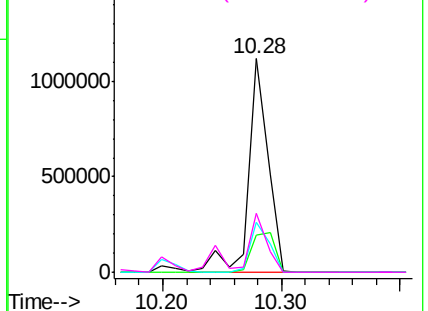


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.06 min Scan# 811

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

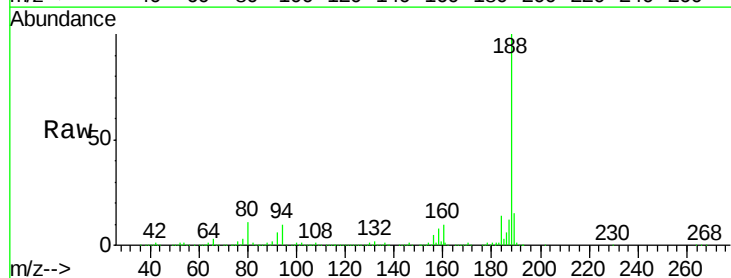
Tgt Ion: 188 Resp: 641452

Ion Ratio Lower Upper

188 100

94 9.7 10.0 15.0#

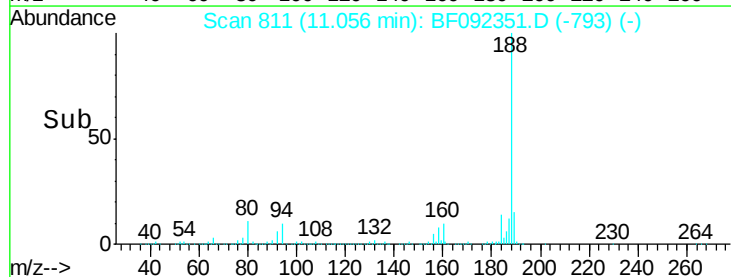
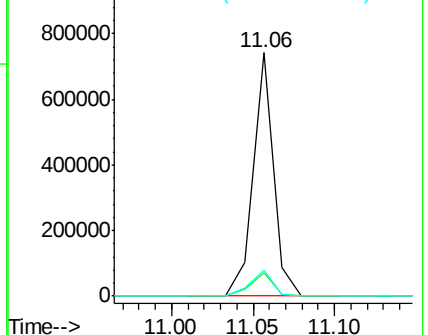
80 10.6 11.2 16.8#

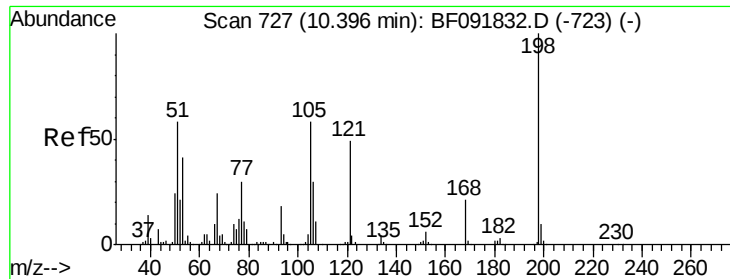


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

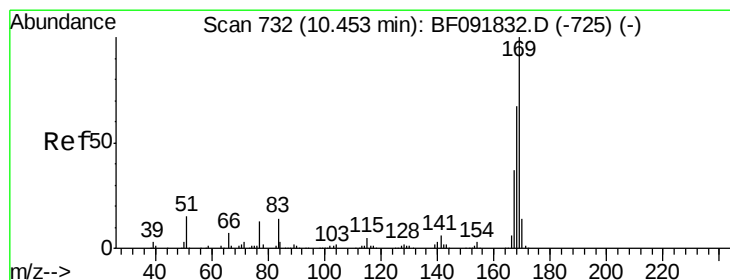
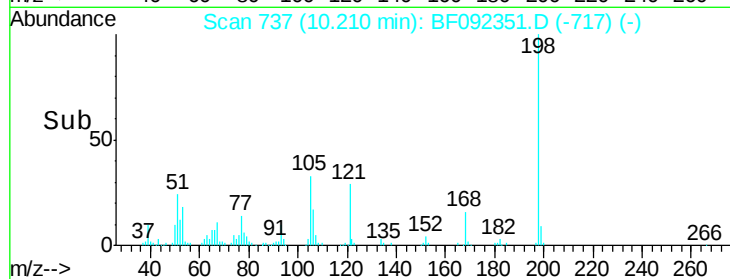
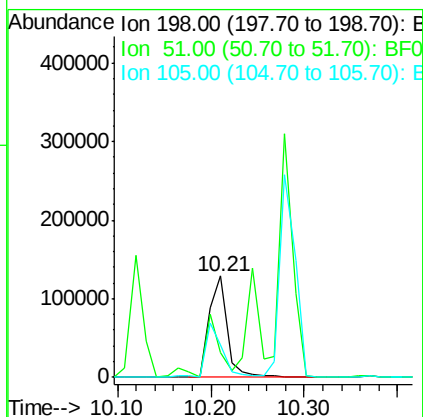
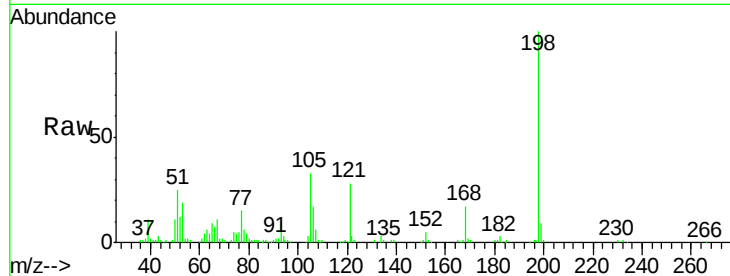




#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.19 ng
 RT: 10.21 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

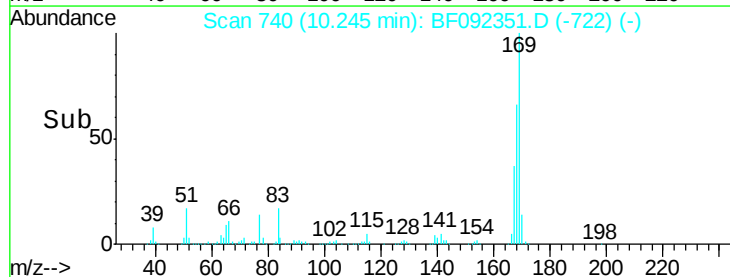
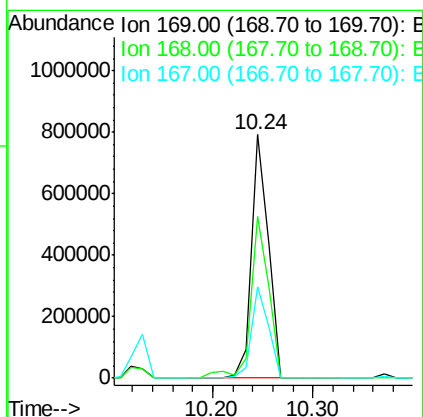
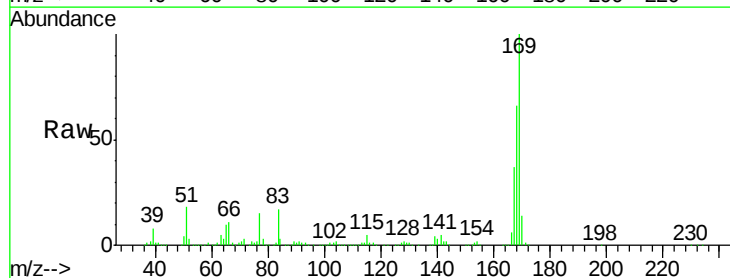
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

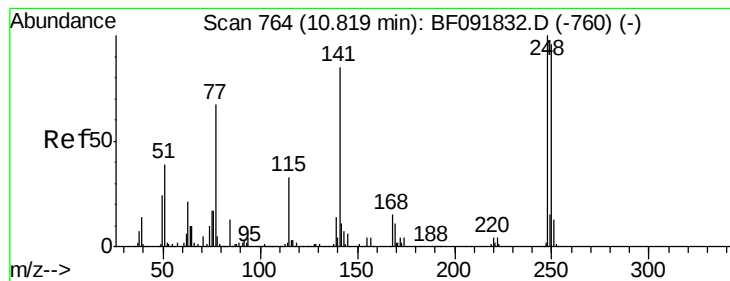
Tgt Ion:198 Resp: 175269
 Ion Ratio Lower Upper
 198 100
 51 24.9 6.7 46.7
 105 32.5 16.6 56.6



#65
 n-Nitrosodiphenylamine
 Concen: 48.17 ng
 RT: 10.24 min Scan# 740
 Delta R.T. -0.10 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:169 Resp: 916829
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.2 81.2
 167 37.5 30.2 45.4





#66

4-Bromophenyl-phenylether

Concen: 48.89 ng

RT: 10.61 min Scan# 772

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

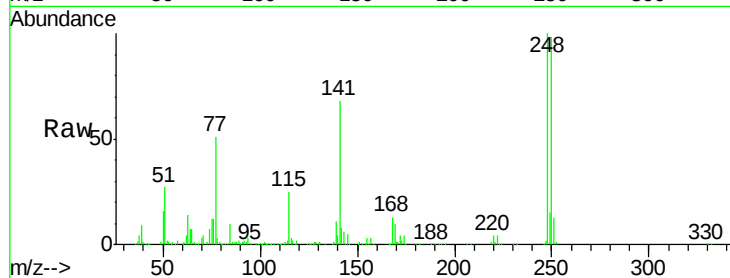
Tgt Ion:248 Resp: 326233

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

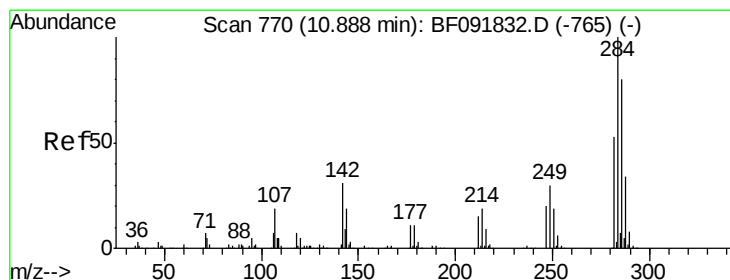
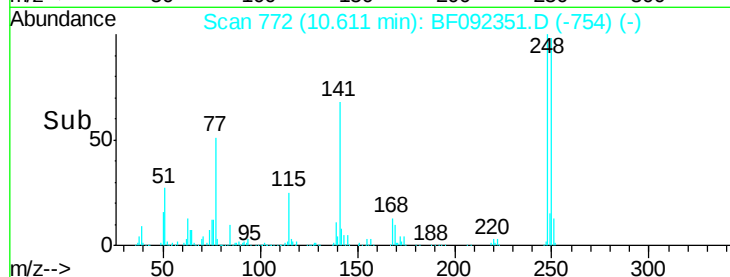
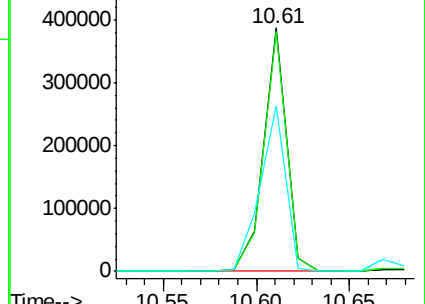
141 68.2 68.2 102.4#



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: 46.77 ng

RT: 10.68 min Scan# 778

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

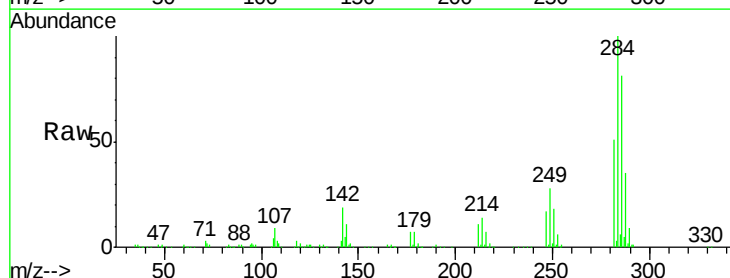
Tgt Ion:284 Resp: 333575

Ion Ratio Lower Upper

284 100

142 18.6 22.6 33.8#

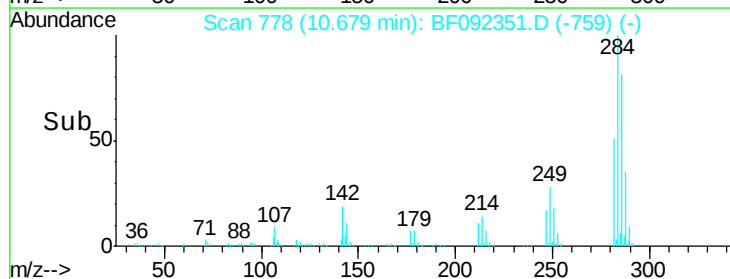
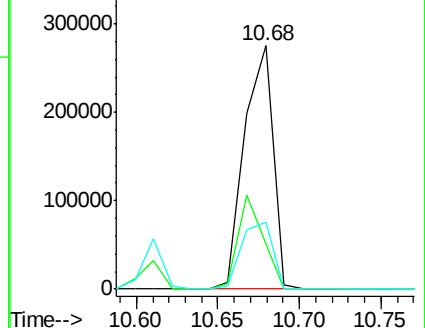
249 27.5 25.4 38.0

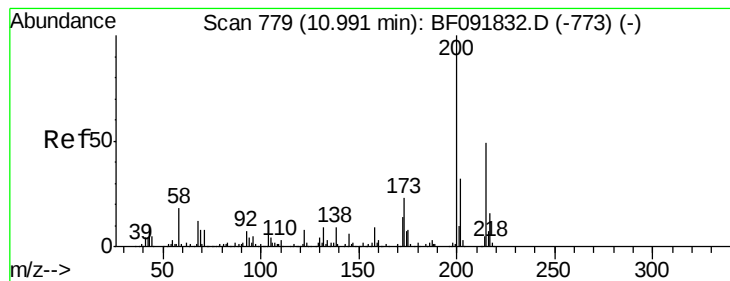


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 43.63 ng

RT: 10.78 min Scan# 787

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

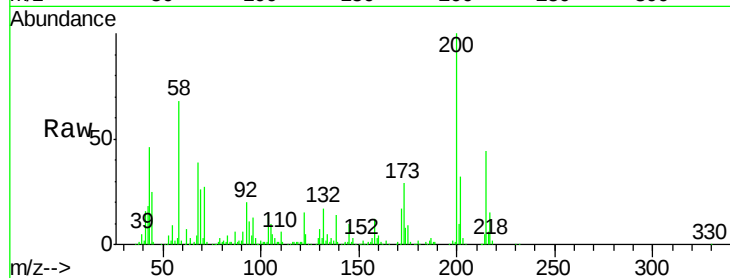
Tgt Ion:200 Resp: 267853

Ion Ratio Lower Upper

200 100

173 29.3 9.6 49.6

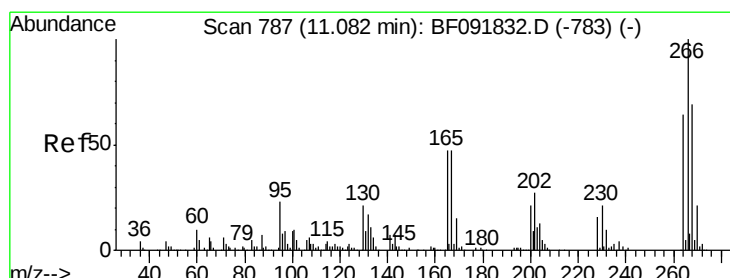
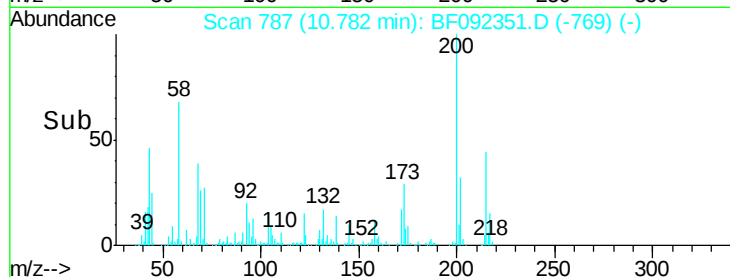
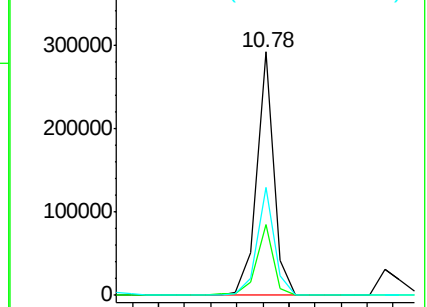
215 44.2 25.7 65.7



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: 69.24 ng

RT: 10.88 min Scan# 796

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

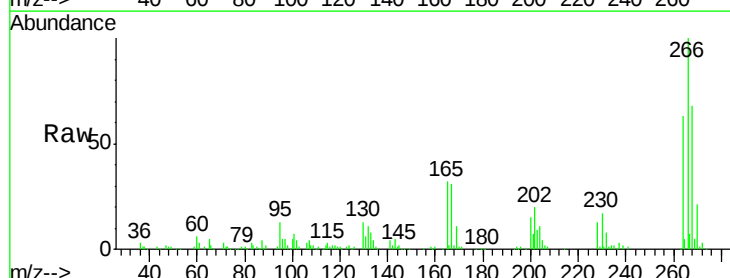
Tgt Ion:266 Resp: 242318

Ion Ratio Lower Upper

266 100

268 67.6 53.3 79.9

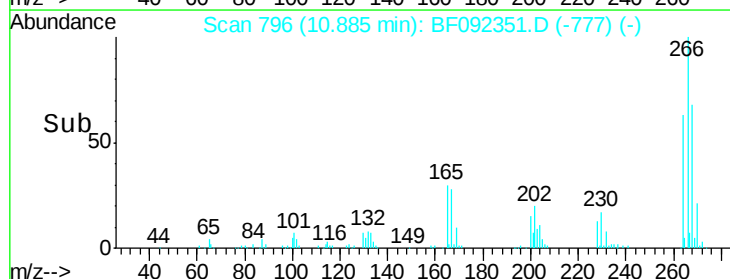
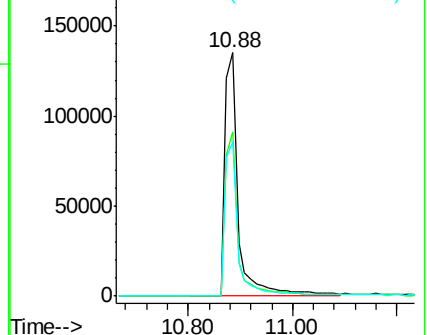
264 63.1 50.3 75.5

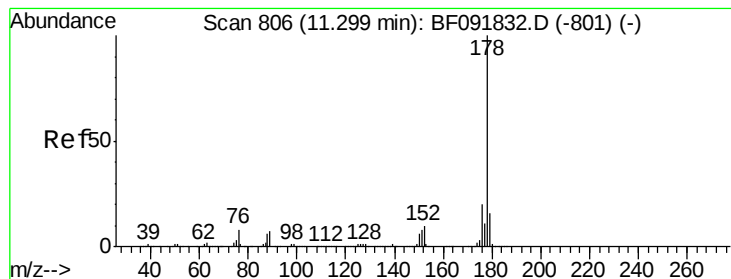


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 41.57 ng

RT: 11.08 min Scan# 813

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

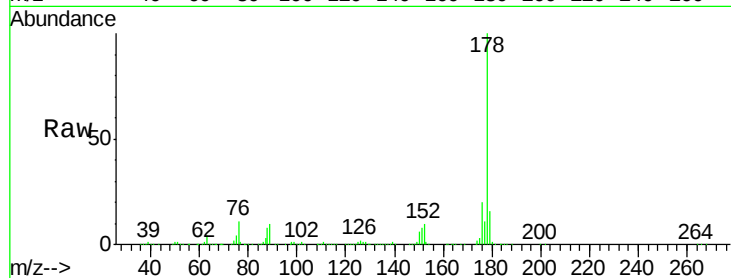
Tgt Ion:178 Resp: 1445915

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

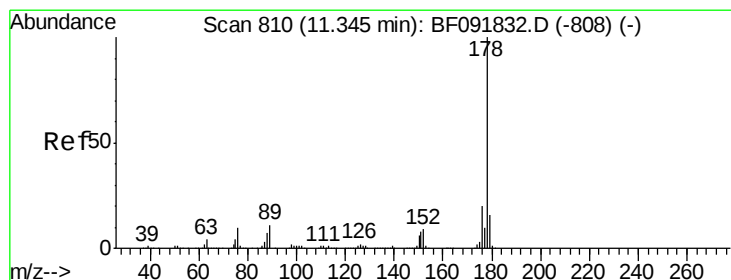
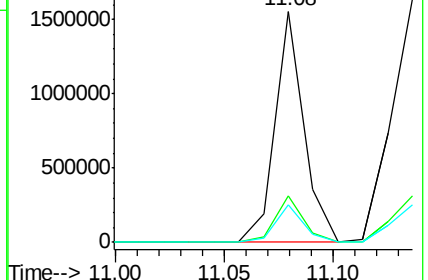
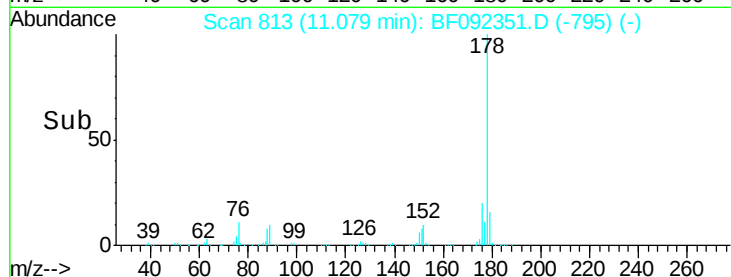
179 16.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 63.65 ng

RT: 11.14 min Scan# 818

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

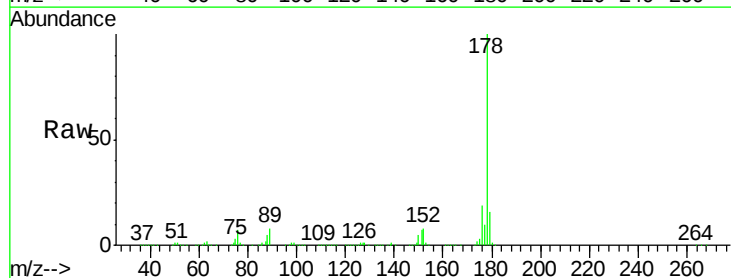
Tgt Ion:178 Resp: 1687321

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

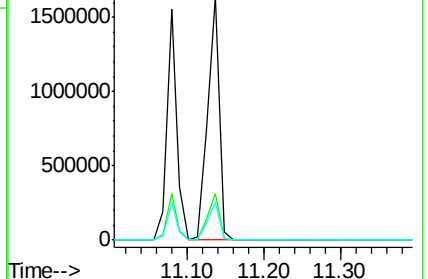
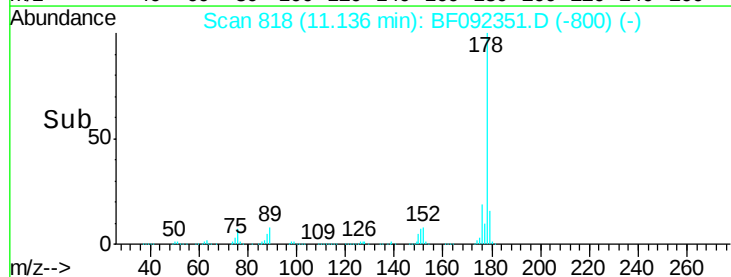
179 15.6 13.2 19.8

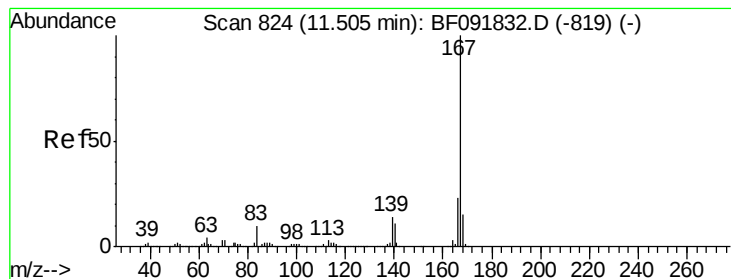


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 50.72 ng

RT: 11.30 min Scan# 832

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

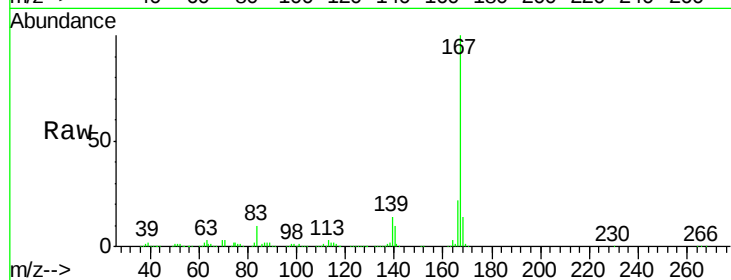
Tgt Ion:167 Resp: 1370491

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

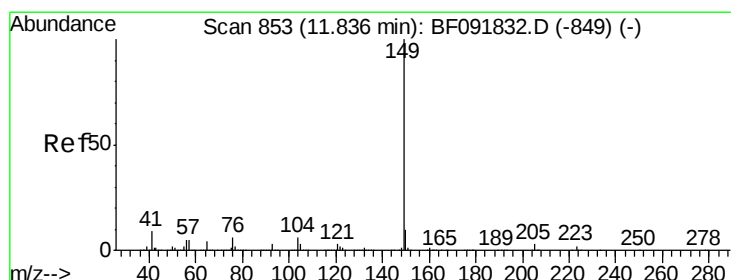
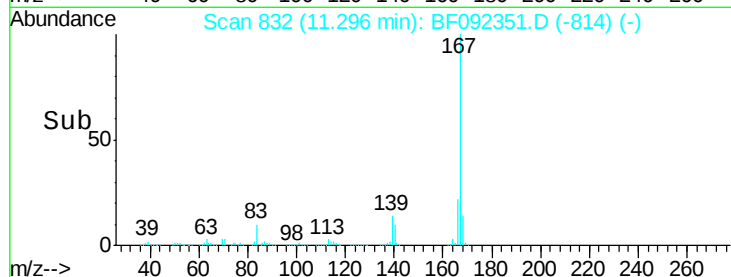
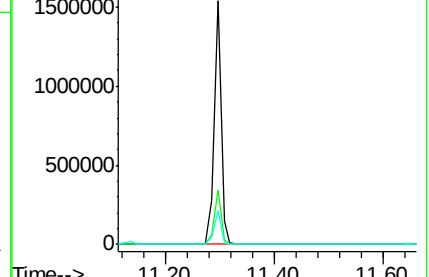
139 13.7 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 57.96 ng

RT: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

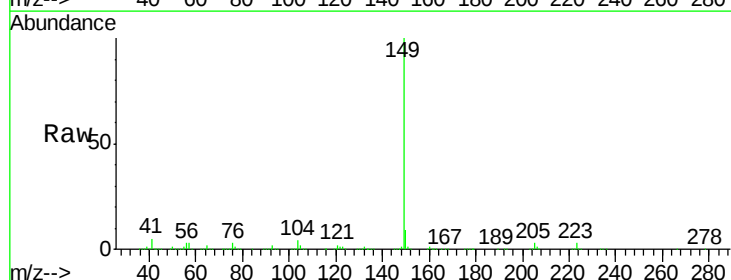
Tgt Ion:149 Resp: 1871239

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

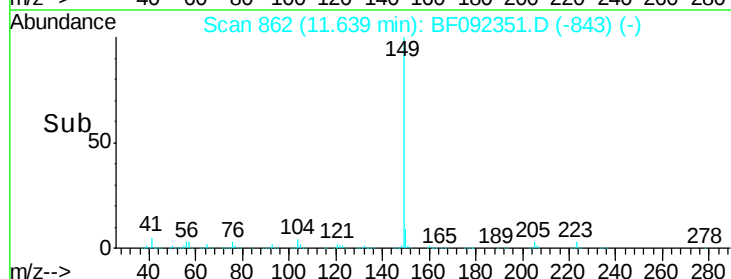
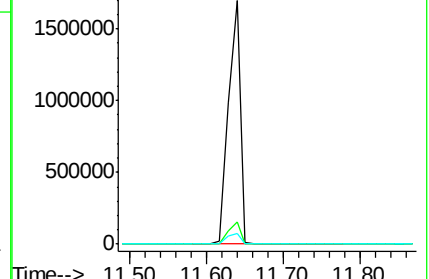
104 4.1 4.6 7.0#

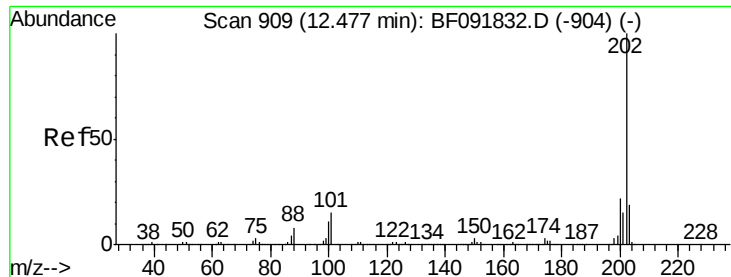


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 47.76 ng

RT: 12.26 min Scan# 916

Delta R.T. -0.11 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

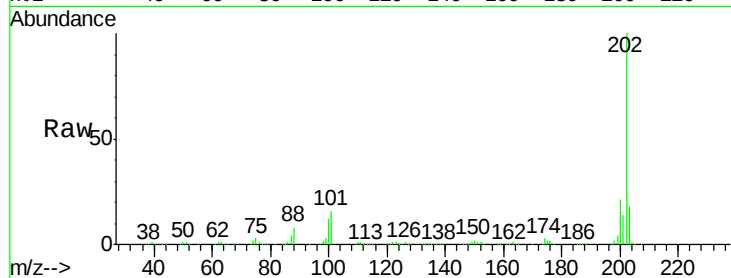
Tgt Ion:202 Resp: 1450184

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.6

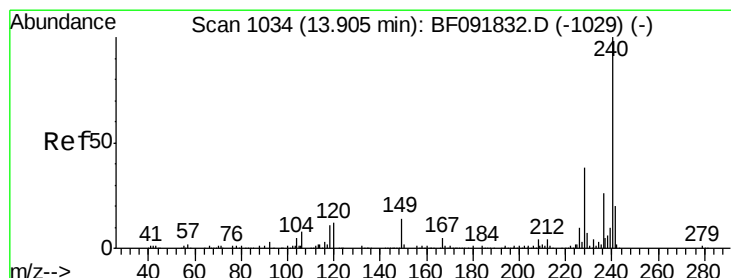
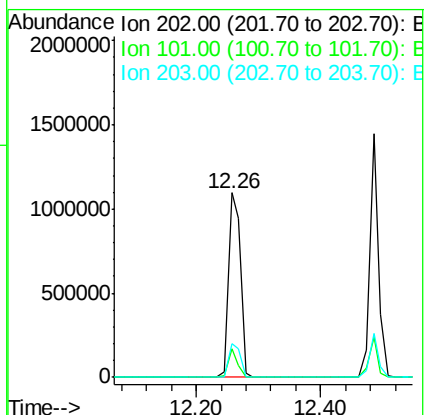
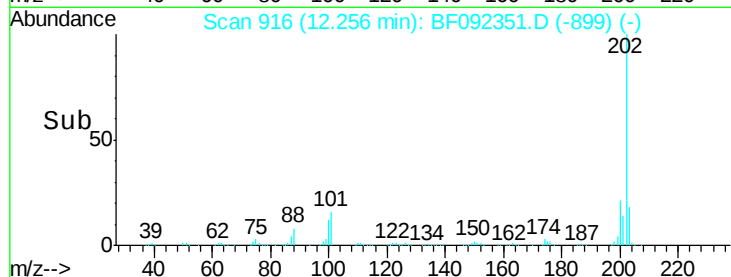
203 18.2 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

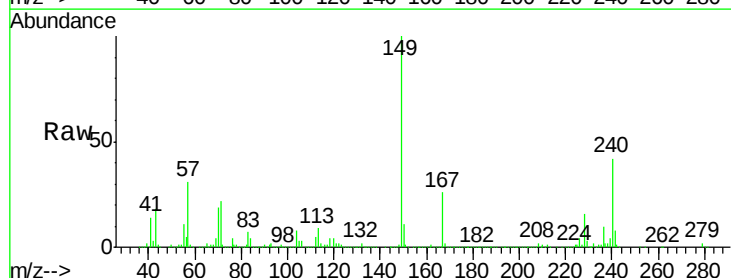
Tgt Ion:240 Resp: 350554

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

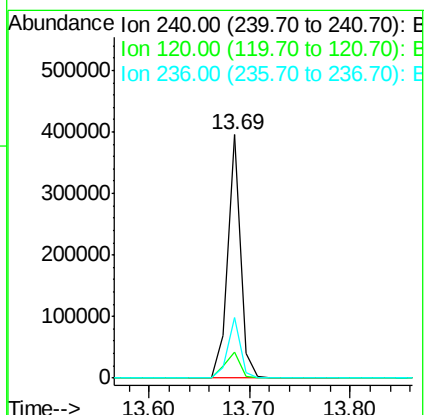
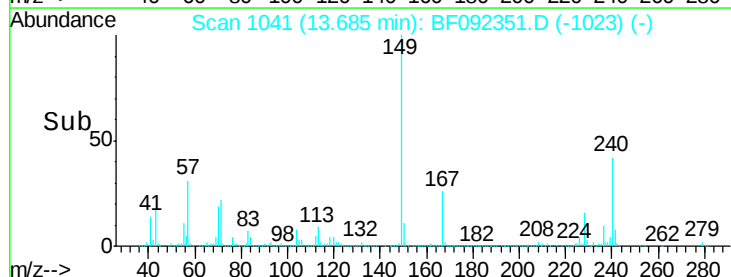
236 25.1 20.9 31.3

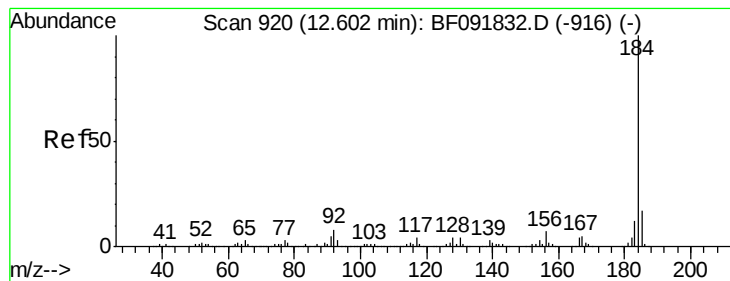


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 61.64 ng

RT: 12.39 min Scan# 928

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

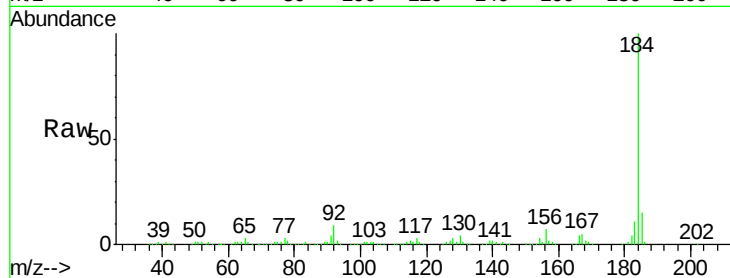
Tgt Ion:184 Resp: 506297

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

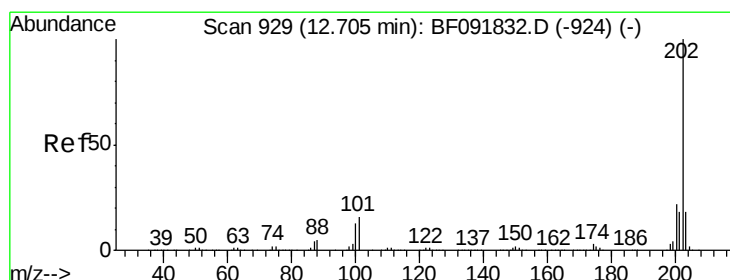
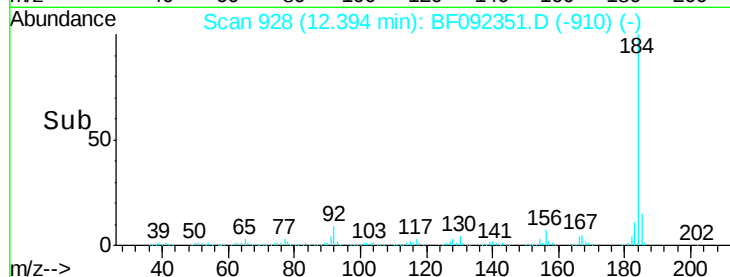
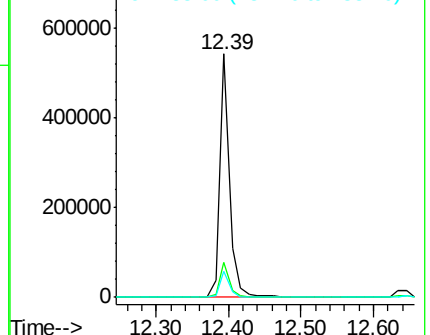
183 10.6 9.2 13.8



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: 53.43 ng

RT: 12.48 min Scan# 936

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

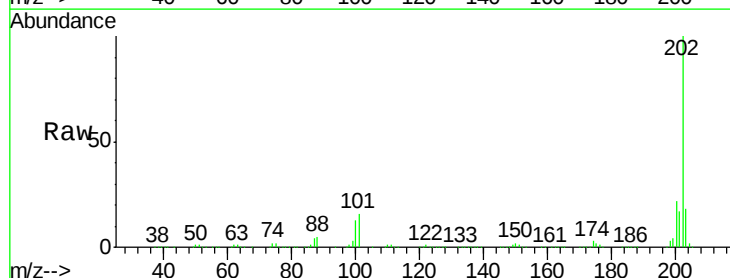
Tgt Ion:202 Resp: 1374296

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

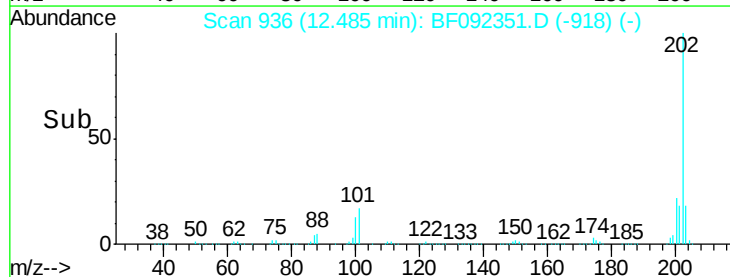
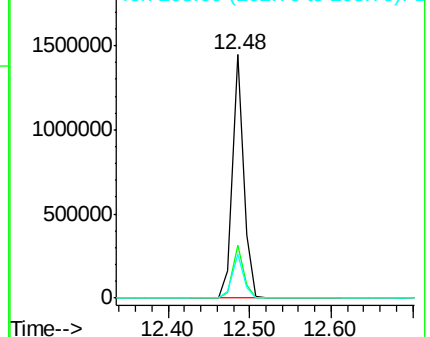
203 18.3 14.7 22.1

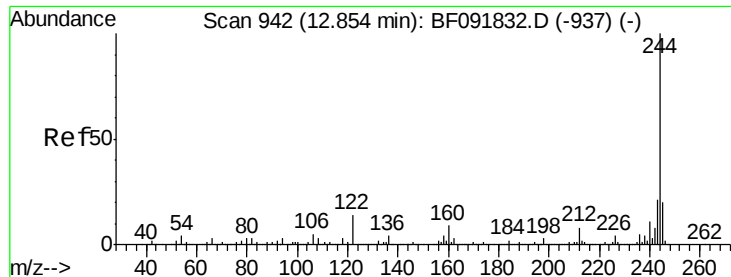


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 122.04 ng

RT: 12.65 min Scan# 950

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

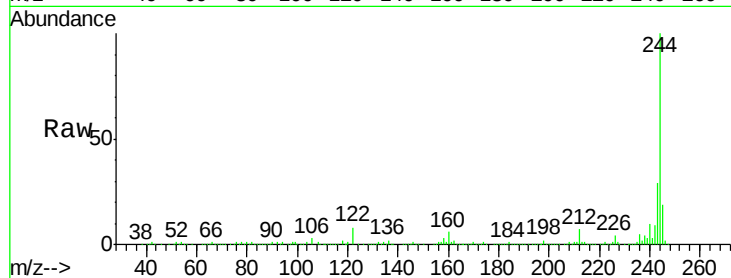
Tgt Ion:244 Resp: 1763954

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

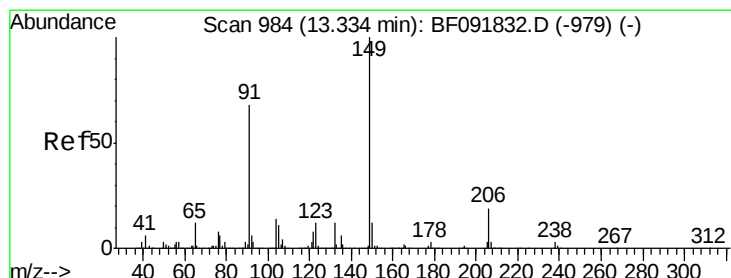
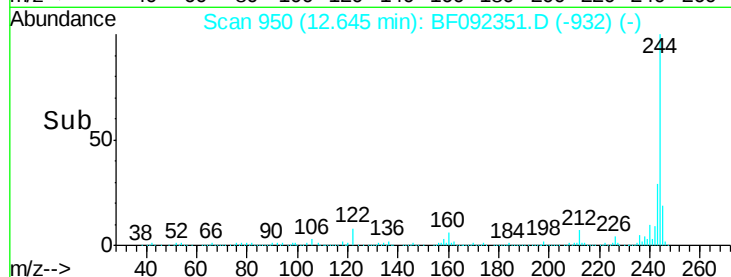
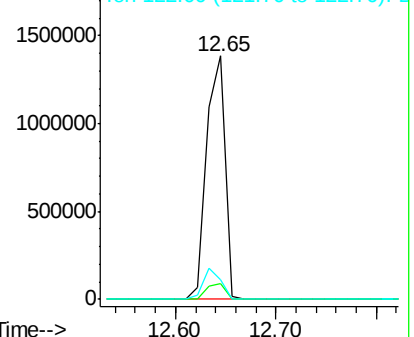
122 8.0 11.4 17.2#



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: 59.74 ng

RT: 13.13 min Scan# 992

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

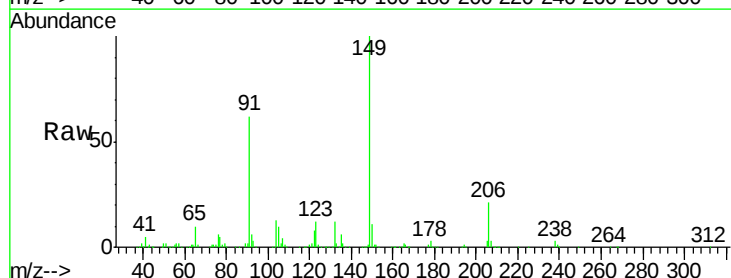
Tgt Ion:149 Resp: 698838

Ion Ratio Lower Upper

149 100

91 62.4 63.9 95.9#

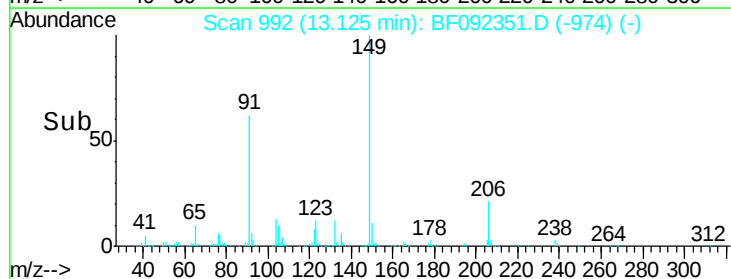
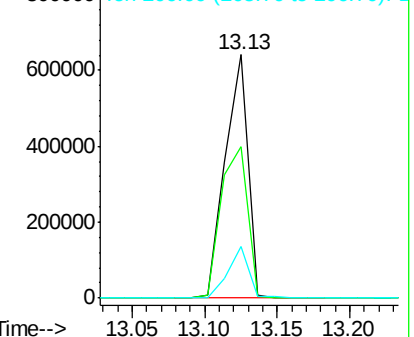
206 21.3 14.6 21.8

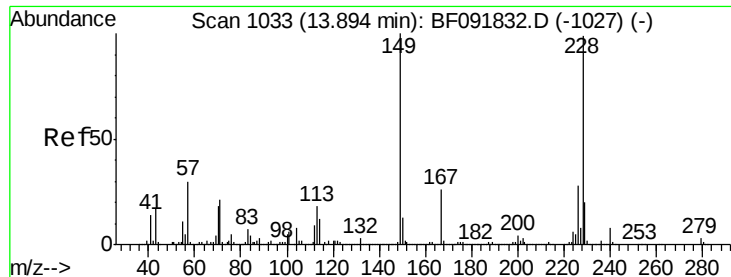


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 54.00 ng

RT: 13.67 min Scan# 1040

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

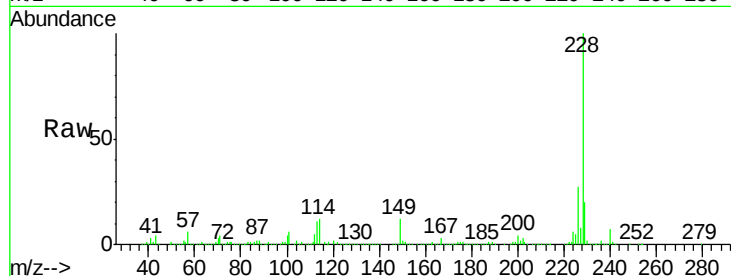
Tgt Ion:228 Resp: 1068590

Ion Ratio Lower Upper

228 100

226 27.5 22.4 33.6

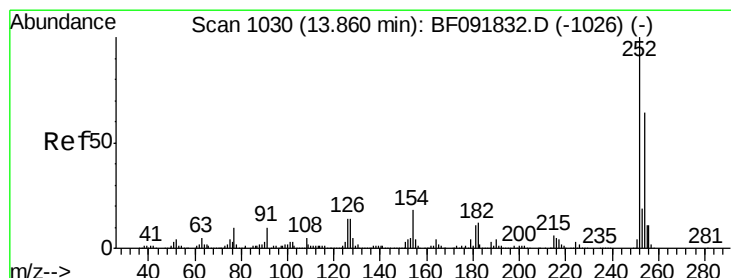
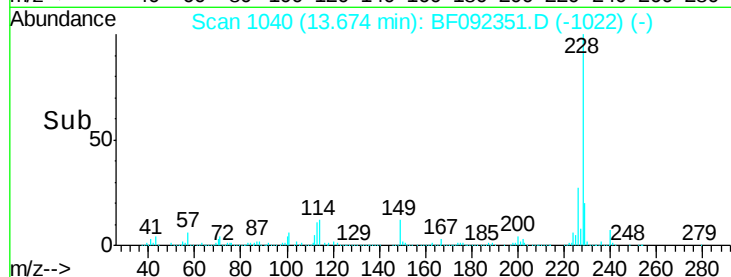
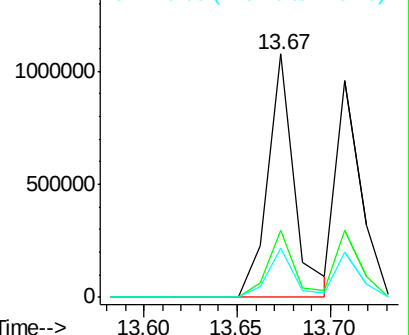
229 20.0 16.2 24.4



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: 29.91 ng

RT: 13.64 min Scan# 1037

Delta R.T. -0.11 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

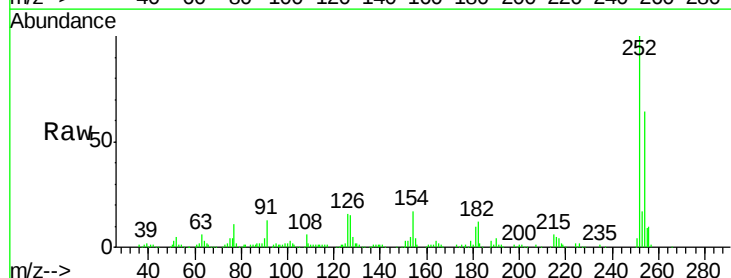
Tgt Ion:252 Resp: 224397

Ion Ratio Lower Upper

252 100

254 63.8 52.3 78.5

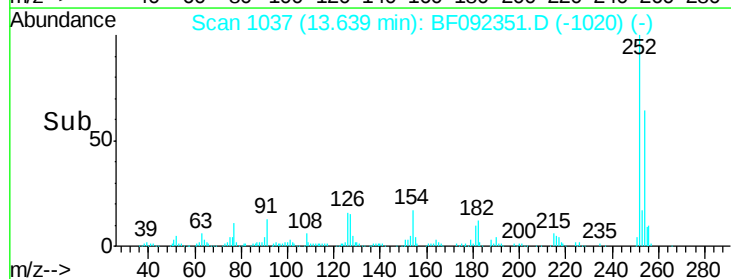
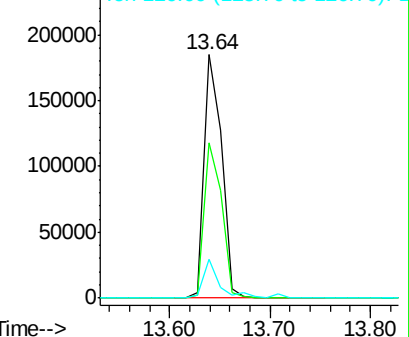
126 15.9 13.6 20.4

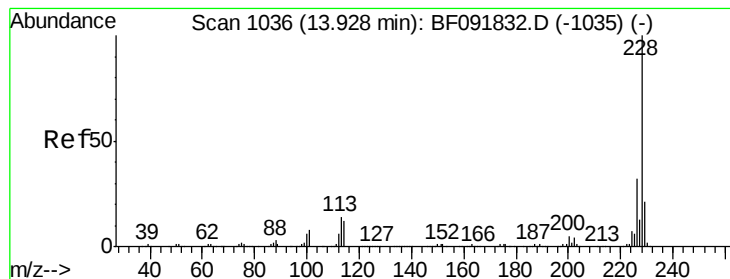


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.03 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

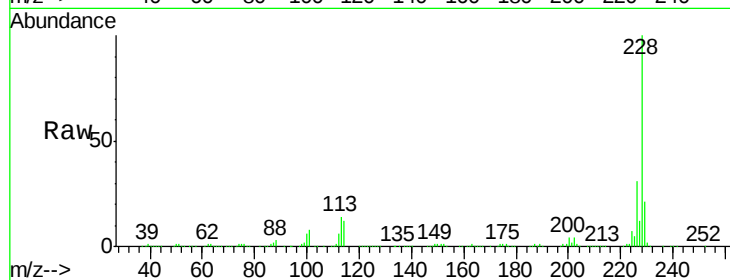
Tgt Ion:228 Resp: 893867

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

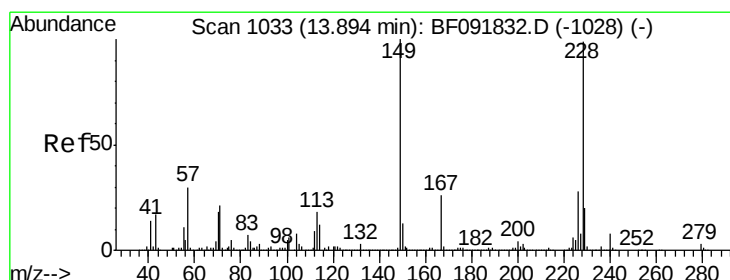
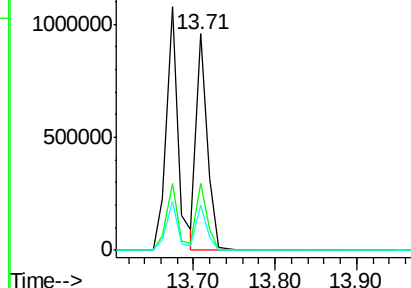
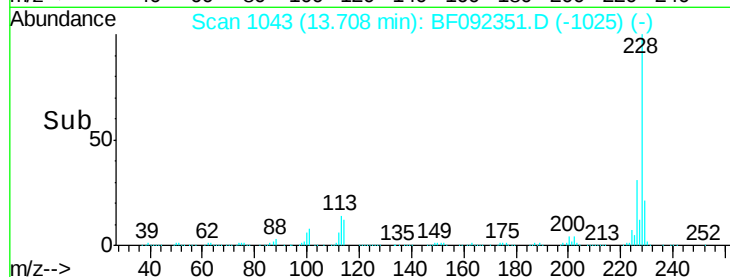
229 20.6 16.2 24.2



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: 62.84 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

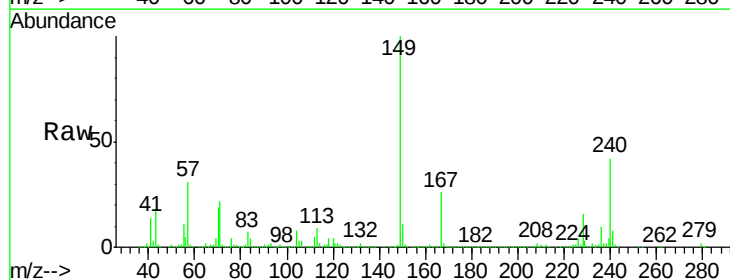
Tgt Ion:149 Resp: 865643

Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.4

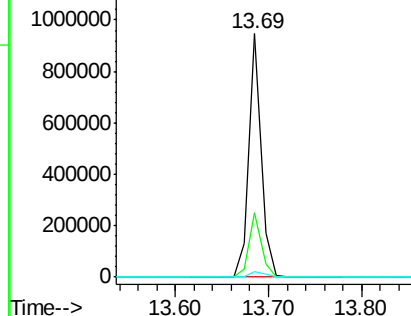
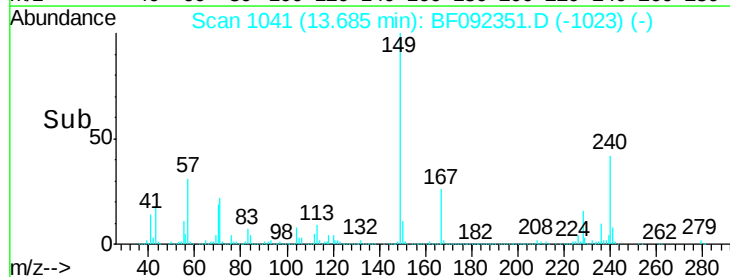
279 2.4 1.8 2.8

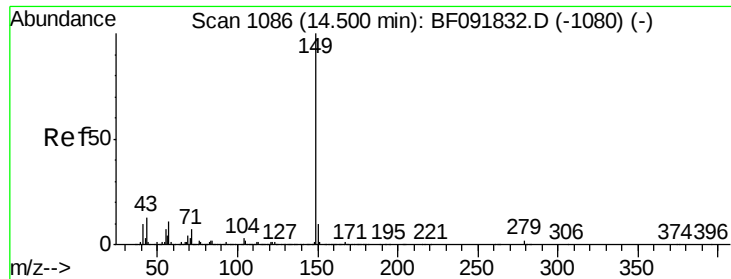


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

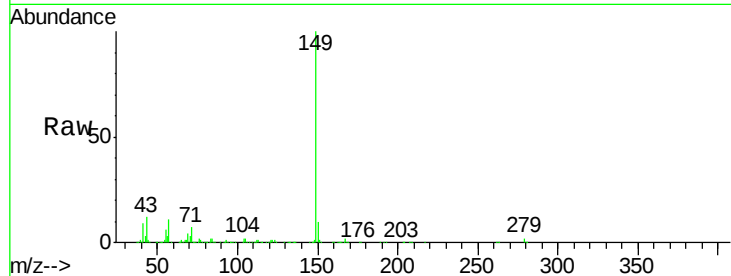




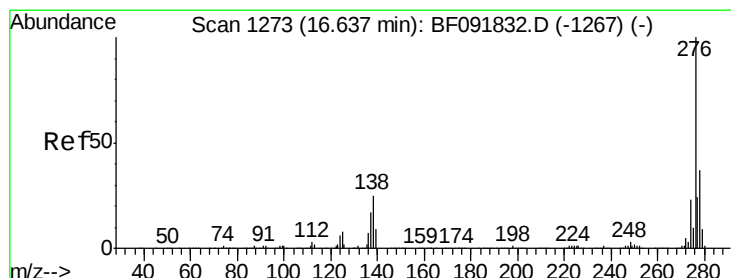
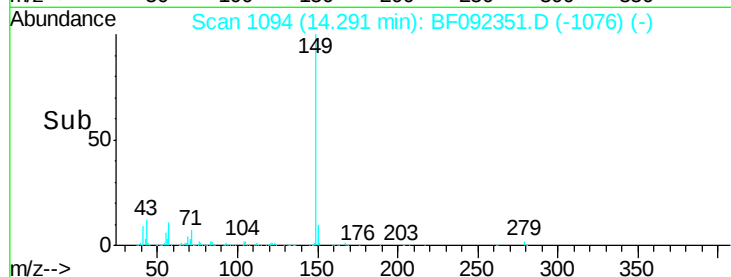
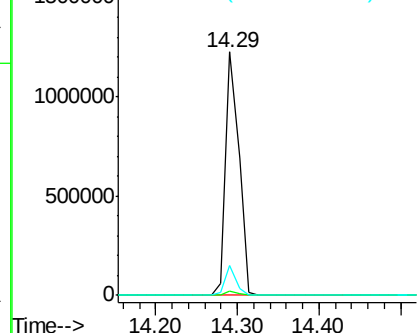
#84
 Di-n-octyl phthalate
 Concen: 53.97 ng
 RT: 14.29 min Scan# 1094
 Delta R.T. -0.10 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion:149 Resp: 1377189
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.1 8.9 13.3

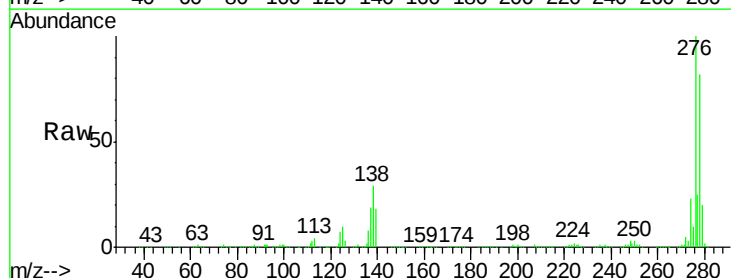


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

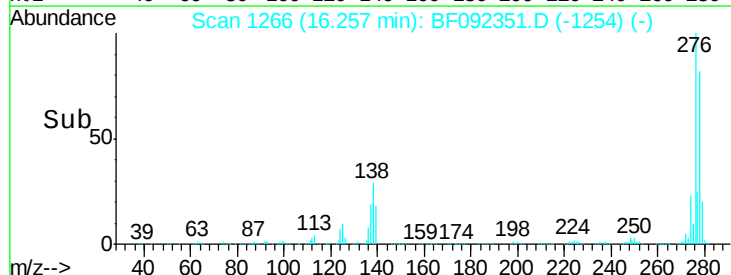
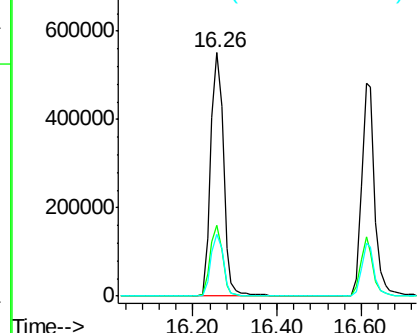


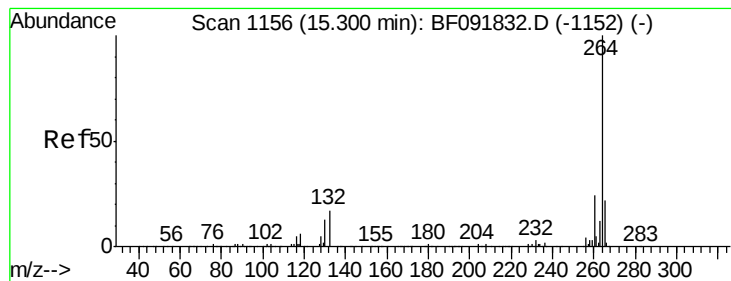
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.36 ng
 RT: 16.26 min Scan# 1266
 Delta R.T. -0.17 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:276 Resp: 1175398
 Ion Ratio Lower Upper
 276 100
 138 28.5 21.8 32.6
 277 25.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1159

Delta R.T. -0.11 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

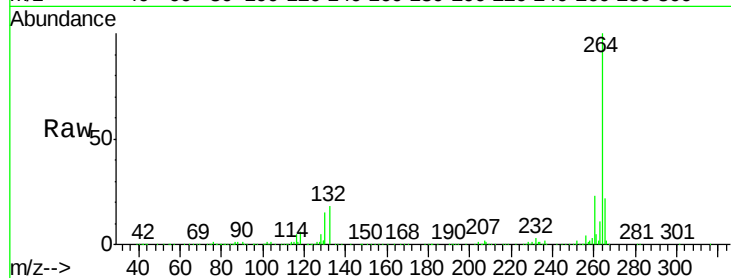
Tgt Ion:264 Resp: 374201

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

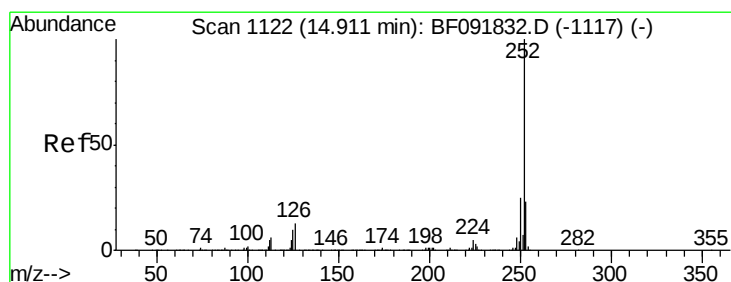
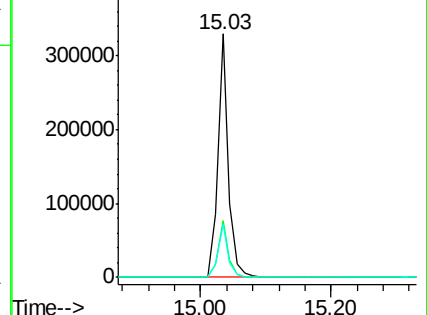
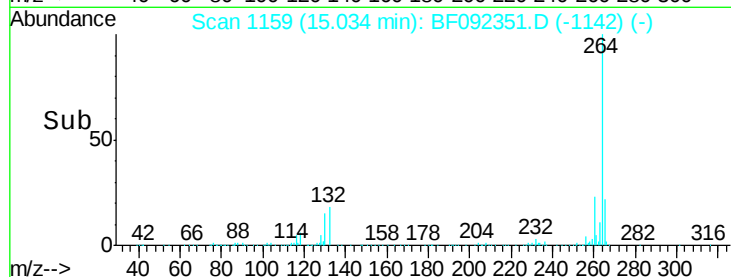
265 21.6 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 84.66 ng

RT: 14.70 min Scan# 1130

Delta R.T. -0.08 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

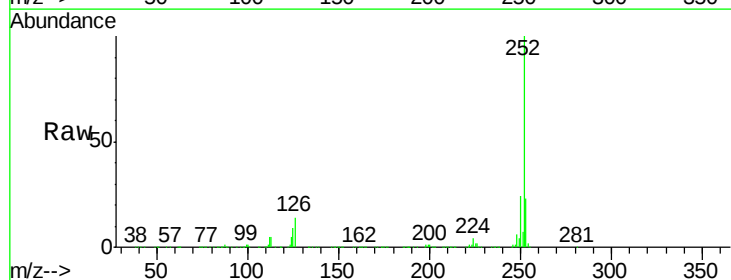
Tgt Ion:252 Resp: 1972338

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

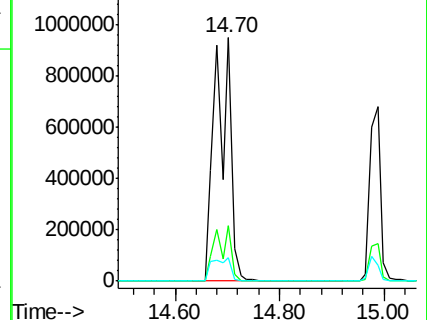
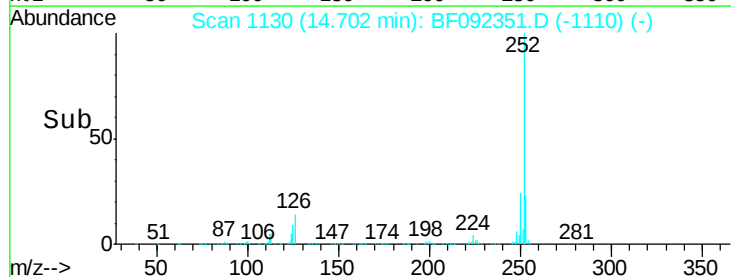
125 9.4 9.8 14.6#

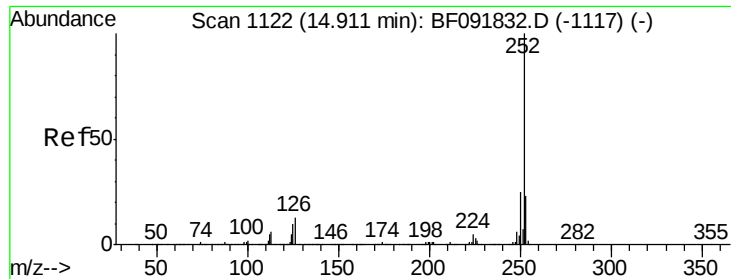


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

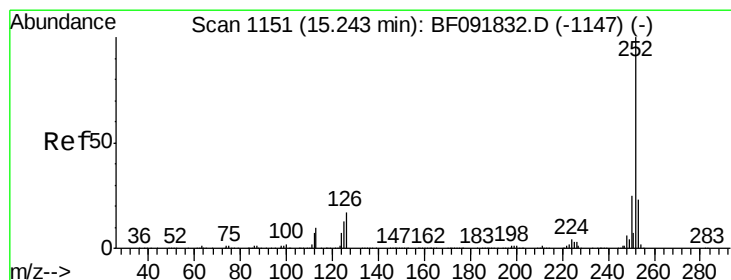
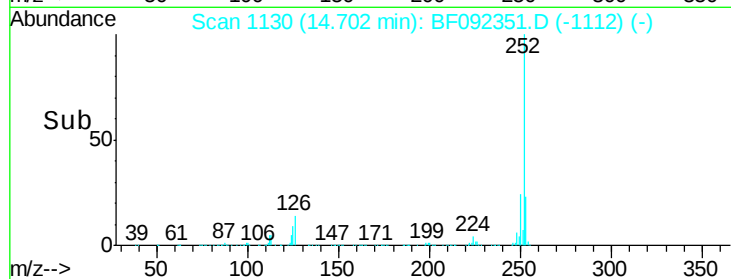
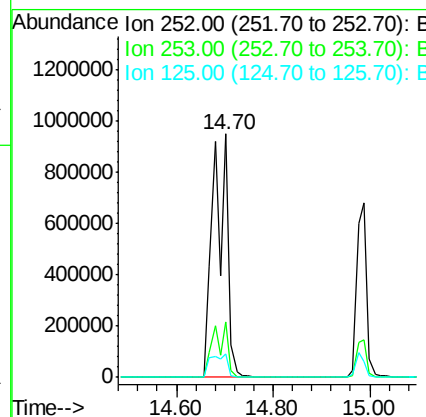
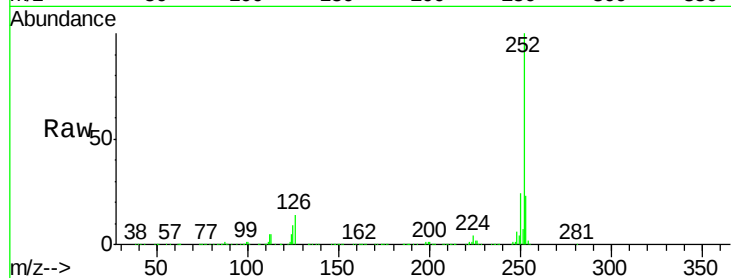




#88
Benzo(k)fluoranthene
Concen: 99.32 ng
RT: 14.70 min Scan# 1130
Delta R.T. -0.10 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

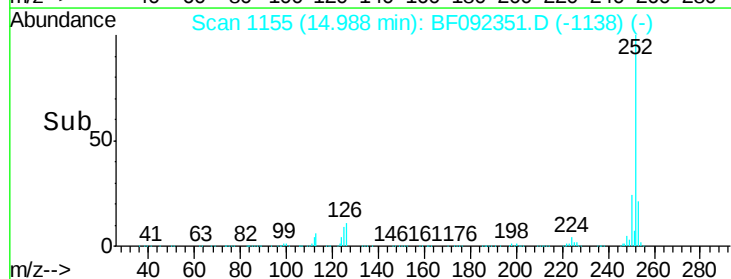
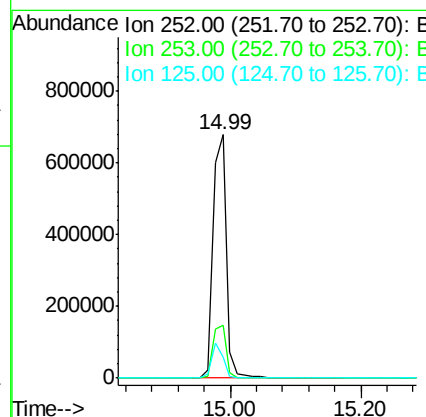
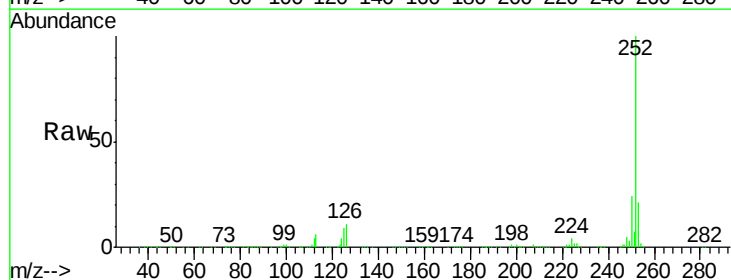
Instrument :
BNA_F
ClientSampleId :
PB96090BS

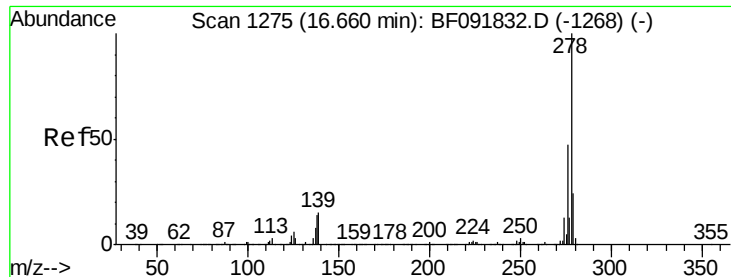
Tgt Ion:252 Resp: 1973110
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 9.4 8.9 13.3



#89
Benzo(a)pyrene
Concen: 46.82 ng
RT: 14.99 min Scan# 1155
Delta R.T. -0.11 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion:252 Resp: 968118
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 8.8 10.0 15.0#





#90

Dibenzo(a,h)anthracene

Concen: 56.60 ng

RT: 16.27 min Scan# 1267

Delta R.T. -0.17 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

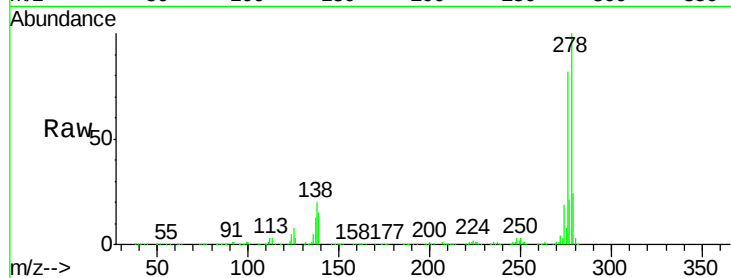
Tgt Ion:278 Resp: 961992

Ion Ratio Lower Upper

278 100

139 15.5 14.8 22.2

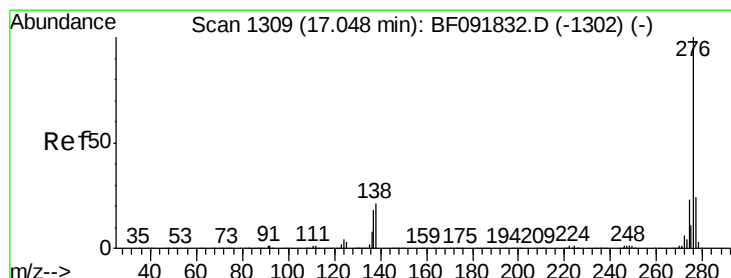
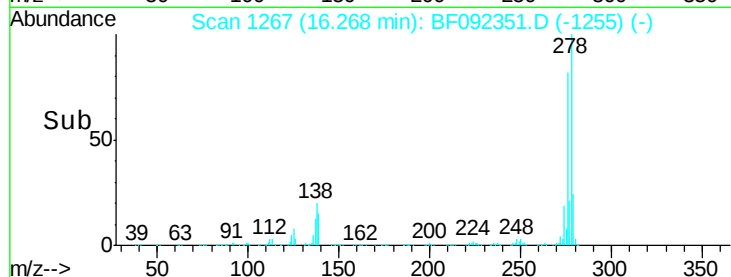
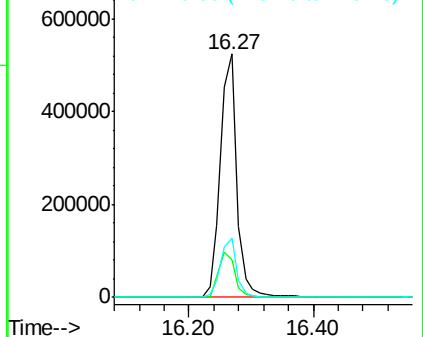
279 24.2 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 59.49 ng

RT: 16.61 min Scan# 1297

Delta R.T. -0.19 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

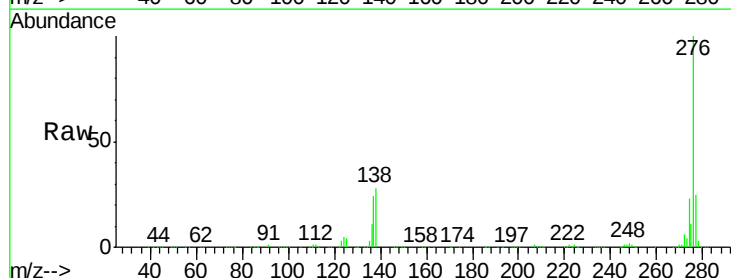
Tgt Ion:276 Resp: 1051334

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 28.1 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

