

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091223.D
 Acq On : 17 Nov 2016 20:15
 Operator : UM/SJ
 Sample : H5628-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Quant Time: Nov 18 03:07:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	206059	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	808898	20.00	ng	-0.05
38) Acenaphthene-d10	9.66	164	488834	20.00	ng	-0.03
63) Phenanthrene-d10	11.14	188	739097	20.00	ng	-0.03
75) Chrysene-d12	13.78	240	528665	20.00	ng	-0.03
86) Perylene-d12	15.14	264	393494	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1569734	125.81	ng	-0.01
7) Phenol-d6	6.28	99	1807793	106.75	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1196994	80.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	616353	139.47	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2370298	83.48	ng	-0.05
78) Terphenyl-d14	12.73	244	2085646	98.45	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	205172	28.75	ng	93
3) Pyridine	2.93	79	231921	13.89	ng	96
4) n-Nitrosodimethylamine	2.82	42	227429	34.44	ng	95
6) Aniline	6.29	93	227587	11.39	ng	# 1
8) 2-Chlorophenol	6.41	128	626764	42.11	ng	96
9) Benzaldehyde	6.19	77	32659	3.47	ng	93
10) Phenol	6.29	94	544989	29.08	ng	# 75
11) bis(2-Chloroethyl)ether	6.37	93	672953	42.61	ng	85
12) 1,3-Dichlorobenzene	6.56	146	633319	42.07	ng	97
13) 1,4-Dichlorobenzene	6.64	146	679877	42.10	ng	97
14) 1,2-Dichlorobenzene	6.78	146	572251	38.61	ng	99
15) Benzyl Alcohol	6.78	79	522654	43.75	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.91	45	754084	33.34	ng	# 52
17) 2-Methylphenol	6.91	107	487810	41.40	ng	# 90
18) Hexachloroethane	7.13	117	222784	35.64	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	442055	37.67	ng	# 93
20) 3+4-Methylphenols	7.07	107	587487	41.53	ng	93
22) Acetophenone	7.04	105	836913	44.94	ng	# 95
24) Nitrobenzene	7.21	77	618777	37.78	ng	99
25) Isophorone	7.46	82	1212753	42.44	ng	97
26) 2-Nitrophenol	7.53	139	310931	44.86	ng	# 79
27) 2,4-Dimethylphenol	7.58	122	534654	46.65	ng	98
28) bis(2-Chloroethoxy)methane	7.68	93	773480	49.55	ng	99
29) 2,4-Dichlorophenol	7.78	162	488380	48.82	ng	99
30) 1,2,4-Trichlorobenzene	7.86	180	540541	48.06	ng	97
31) Naphthalene	7.93	128	1789518	46.26	ng	99
32) Benzoic acid	7.76	122	289204	34.00	ng	90
33) 4-Chloroaniline	8.00	127	130000	8.08	ng	96
34) Hexachlorobutadiene	8.05	225	306723	50.53	ng	99
35) Caprolactam	8.38	113	71572	22.77	ng	# 77
36) 4-Chloro-3-methylphenol	8.50	107	547685	45.23	ng	94
37) 2-Methylnaphthalene	8.62	142	1171610	47.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	572199	45.91	ng	98
40) Hexachlorocyclopentadiene	8.77	237	415911	85.52	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	349047	43.38	ng	96
43) 2,4,5-Trichlorophenol	8.97	196	413764	48.98	ng	97
45) 1,1'-Biphenyl	9.09	154	1478434	41.42	ng	97
46) 2-Chloronaphthalene	9.12	162	1165245	43.00	ng	96
47) 2-Nitroaniline	9.22	65	320692	31.89	ng	96
48) Acenaphthylene	9.53	152	1724451	40.83	ng	100
49) Dimethylphthalate	9.40	163	1362238	42.50	ng	100
50) 2,6-Dinitrotoluene	9.47	165	338495	49.28	ng	# 56
51) Acenaphthene	9.70	154	1177883	44.42	ng	99
52) 3-Nitroaniline	9.63	138	137215	16.84	ng	94
53) 2,4-Dinitrophenol	9.76	184	266389	71.88	ng	88
54) Dibenzofuran	9.87	168	1619578	45.38	ng	98
55) 4-Nitrophenol	9.82	139	279144	53.50	ng	# 86
56) 2,4-Dinitrotoluene	9.87	165	370387	42.38	ng	# 70
57) Fluorene	10.21	166	1289856	44.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	330413	49.93	ng	94
59) Diethylphthalate	10.10	149	1433514	43.62	ng	97
60) 4-Chlorophenyl-phenylether	10.20	204	586978	44.21	ng	# 79
61) 4-Nitroaniline	10.26	138	319121	38.72	ng	96
62) Azobenzene	10.36	77	1543507	39.90	ng	87
64) 4,6-Dinitro-2-methylphenol	10.28	198	190977	42.20	ng	# 34
65) n-Nitrosodiphenylamine	10.33	169	1141460	48.59	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	394352	51.30	ng	# 84
67) Hexachlorobenzene	10.76	284	468659	55.27	ng	# 85
68) Atrazine	10.86	200	322813	47.63	ng	96
69) Pentachlorophenol	10.97	266	377088	100.41	ng	98
70) Phenanthrene	11.17	178	1940884	49.40	ng	99
71) Anthracene	11.22	178	1628305	38.98	ng	99
72) Carbazole	11.38	167	1437848	38.20	ng	99
73) Di-n-butylphthalate	11.72	149	2036949	43.03	ng	99
74) Fluoranthene	12.35	202	1656353	40.65	ng	94
76) Benzidine	12.49	184	92349	7.82	ng	97
77) Pyrene	12.58	202	1781036	51.44	ng	100
79) Butylbenzylphthalate	13.21	149	841962	50.84	ng	# 85
80) Benzo(a)anthracene	13.77	228	1353168	45.08	ng	100
81) 3,3'-Dichlorobenzidine	13.73	252	297327	28.19	ng	# 98
82) Chrysene	13.80	228	1306962	44.16	ng	98
83) Bis(2-ethylhexyl)phthalate	13.77	149	1036491	46.25	ng	# 98
84) Di-n-octyl phthalate	14.39	149	1828009	49.61	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.42	276	1098314	44.72	ng	97
87) Benzo(b)fluoranthene	14.80	252	2304733	86.36	ng	97
88) Benzo(k)fluoranthene	14.80	252	2307718	98.57	ng	98
89) Benzo(a)pyrene	15.09	252	1085887	46.74	ng	99
90) Dibenzo(a,h)anthracene	16.42	278	941940	46.90	ng	99
91) Benzo(g,h,i)perylene	16.79	276	852502	46.93	ng	98

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

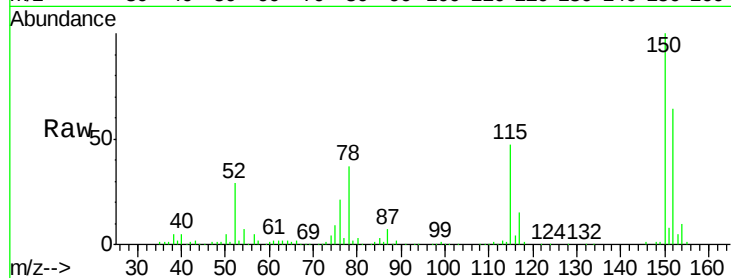


#1

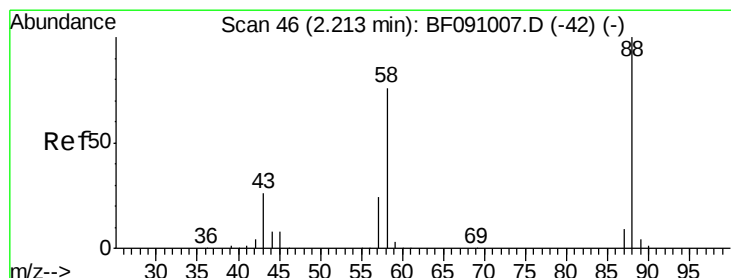
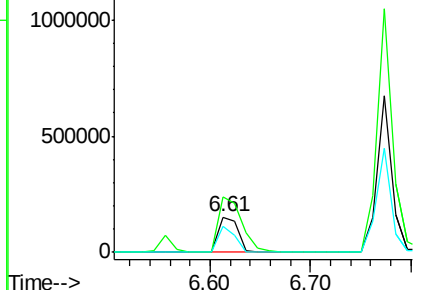
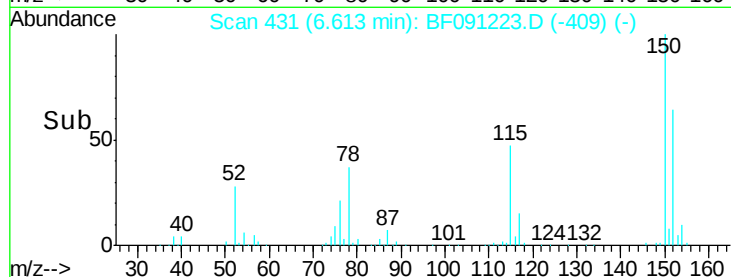
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tgt Ion: 152 Resp: 206059
Ion Ratio Lower Upper
152 100
150 156.1 126.8 190.2
115 73.8 53.3 79.9



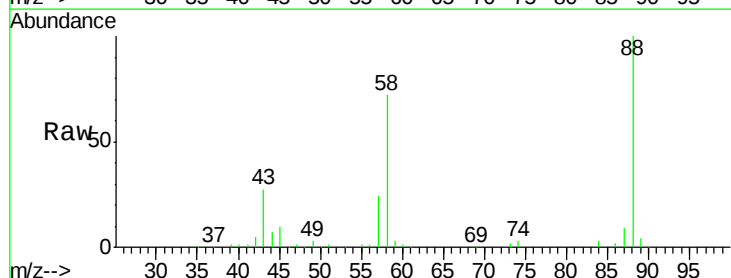
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



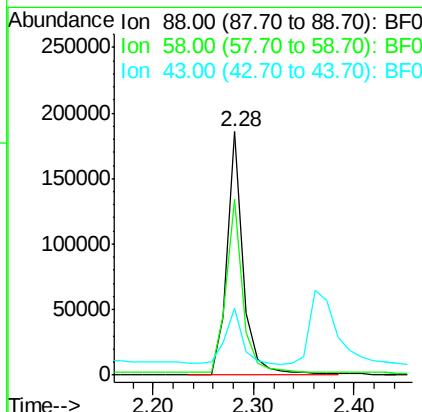
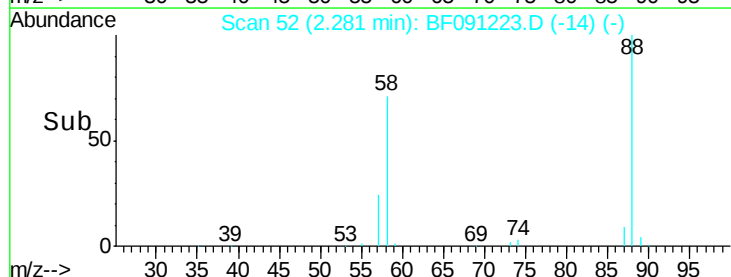
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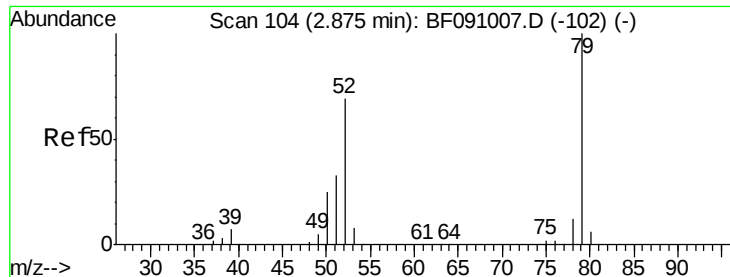
1,4-Dioxane
Concen: 28.75 ng
RT: 2.28 min Scan# 52
Delta R.T. 0.14 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Tgt Ion: 88 Resp: 205172
Ion Ratio Lower Upper
88 100
58 74.0 63.8 95.6
43 24.1 22.6 33.8



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: 13.89 ng

RT: 2.93 min Scan# 109

Delta R.T. 0.15 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

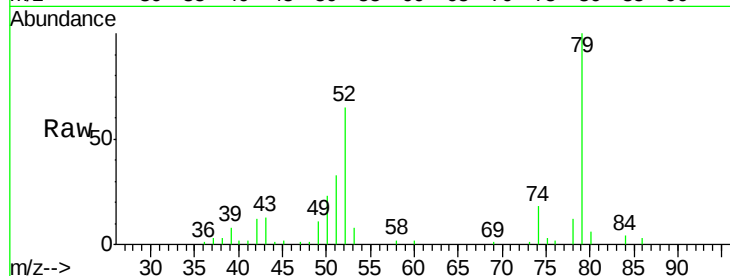
Tgt Ion: 79 Resp: 231921

Ion Ratio Lower Upper

79 100

52 65.3 55.4 83.0

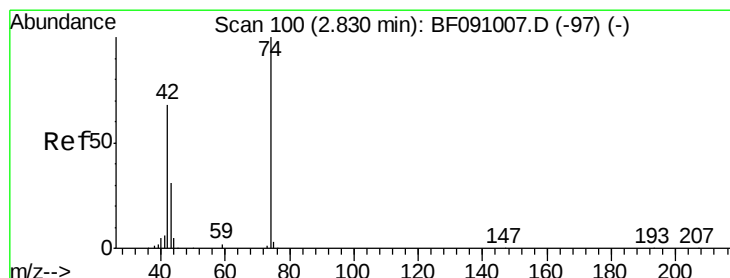
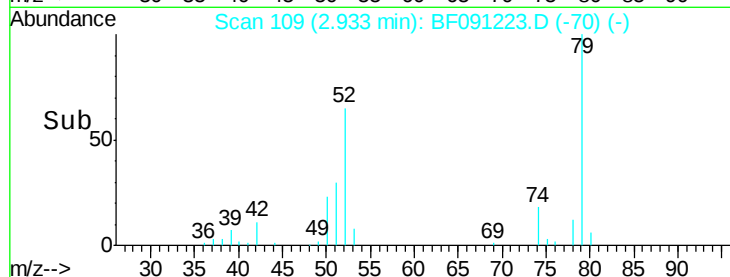
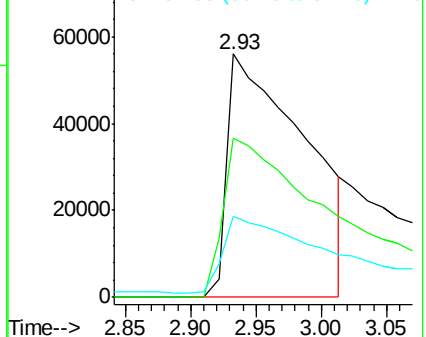
51 33.2 27.4 41.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.44 ng

RT: 2.82 min Scan# 99

Delta R.T. 0.07 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

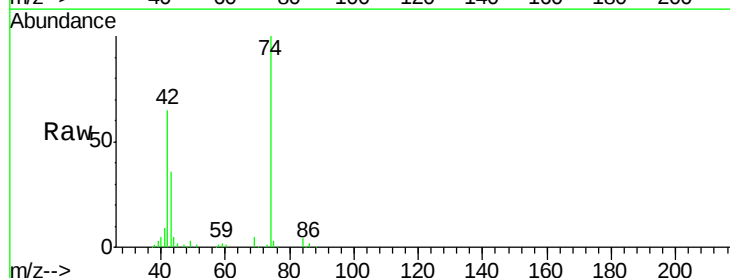
Tgt Ion: 42 Resp: 227429

Ion Ratio Lower Upper

42 100

74 153.6 117.3 175.9

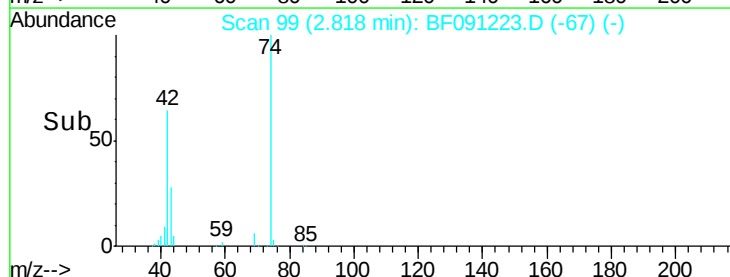
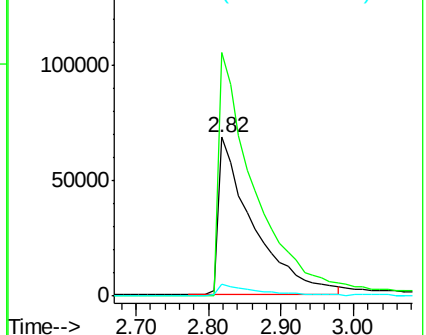
44 7.6 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.81 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

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ClientSampleId :

SB-COMPMS

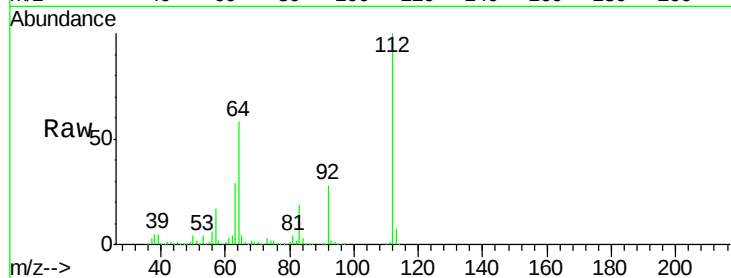
Tgt Ion: 112 Resp: 1569734

Ion Ratio Lower Upper

112 100

64 58.1 55.8 83.6

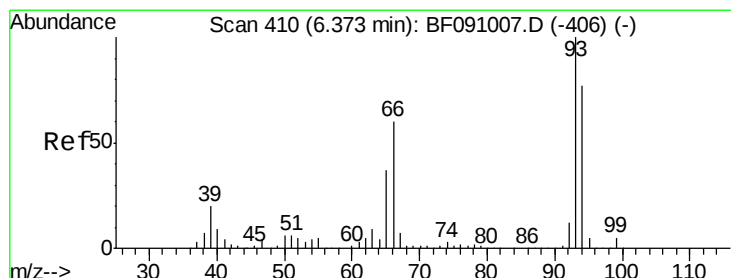
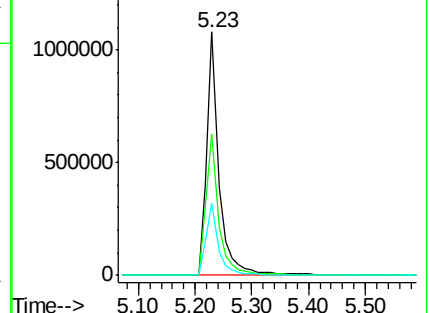
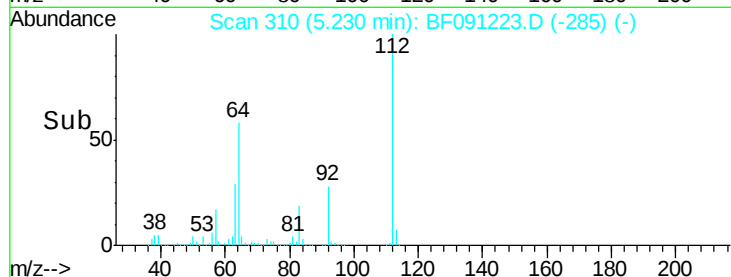
63 29.5 28.0 42.0



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: 11.39 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

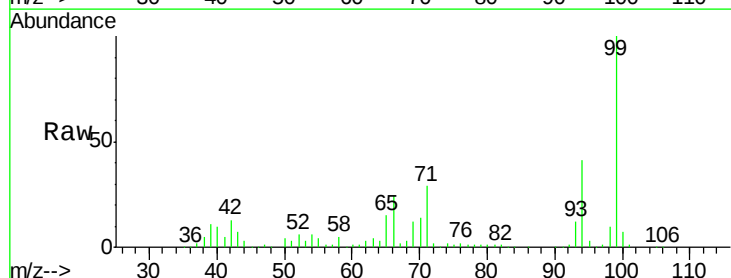
Tgt Ion: 93 Resp: 227587

Ion Ratio Lower Upper

93 100

66 206.1 48.2 72.2#

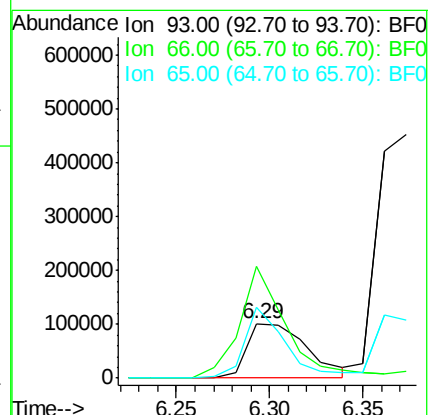
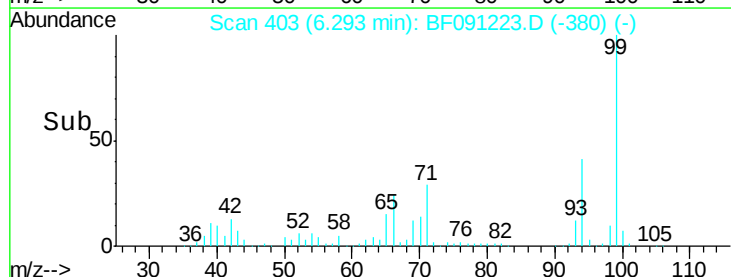
65 130.9 29.4 44.0#



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: 106.75 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

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ClientSampleId :

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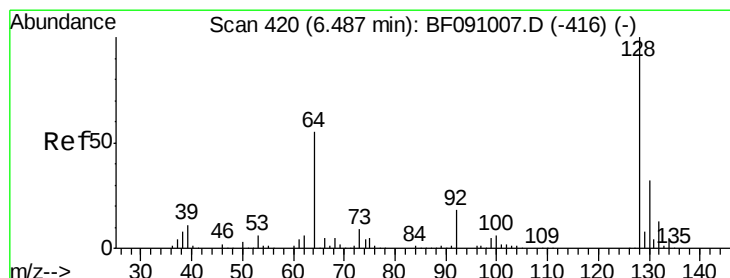
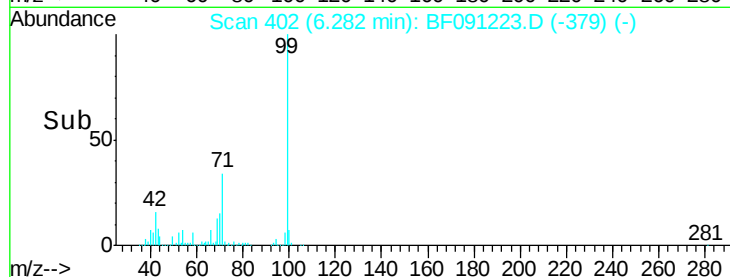
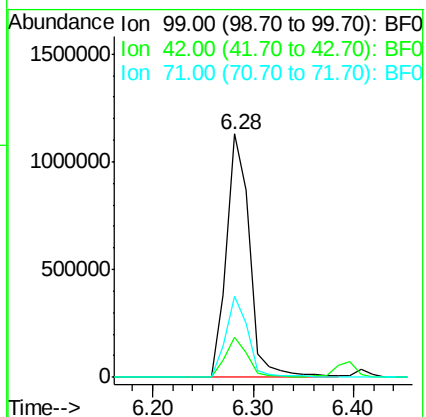
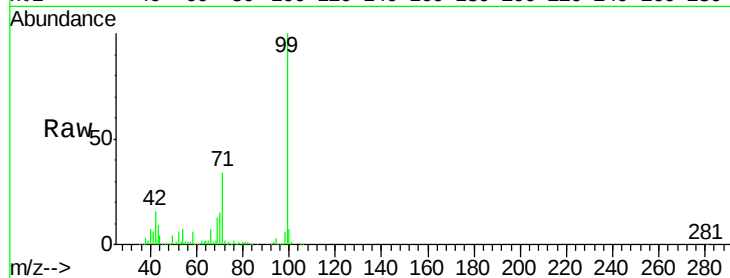
Tgt Ion: 99 Resp: 1807793

Ion Ratio Lower Upper

99 100

42 16.3 13.9 20.9

71 33.5 27.8 41.8



#8

2-Chlorophenol

Concen: 42.11 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

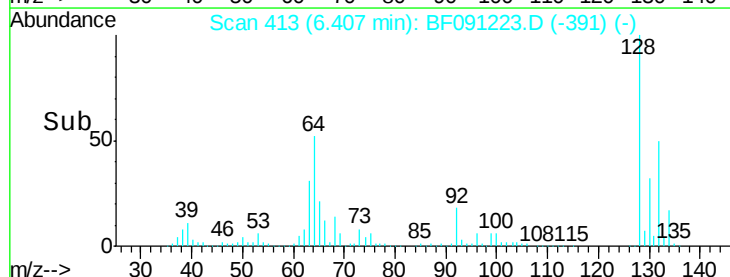
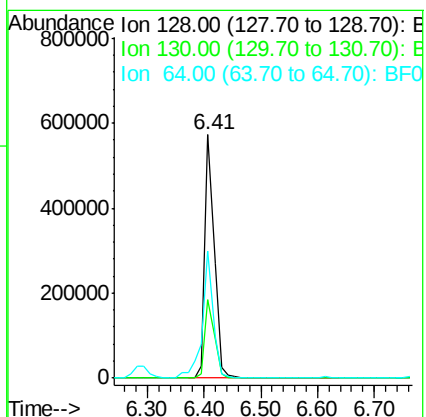
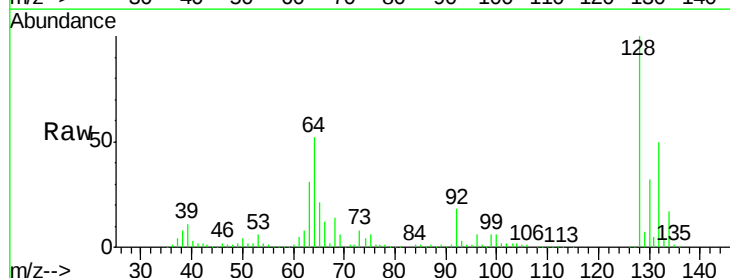
Tgt Ion: 128 Resp: 626764

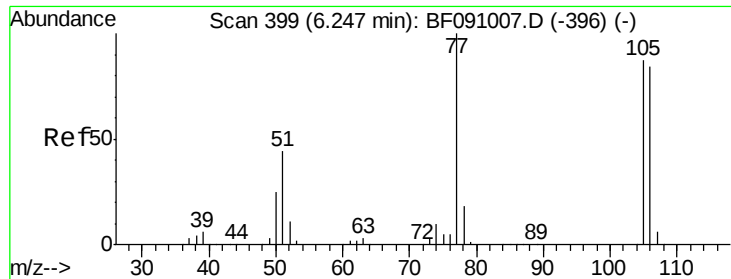
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 52.1 37.2 77.2





#9

Benzaldehyde

Concen: 3.47 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

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ClientSampleId :

SB-COMPMS

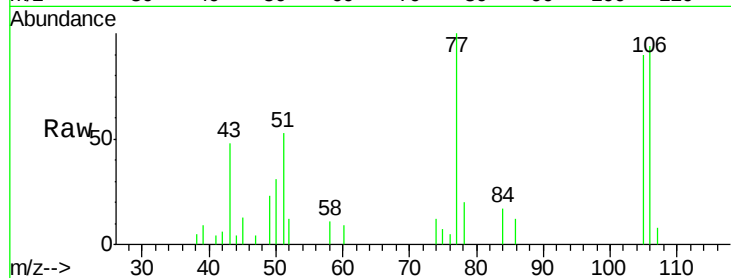
Tgt Ion: 77 Resp: 32659

Ion Ratio Lower Upper

77 100

105 90.1 66.8 106.8

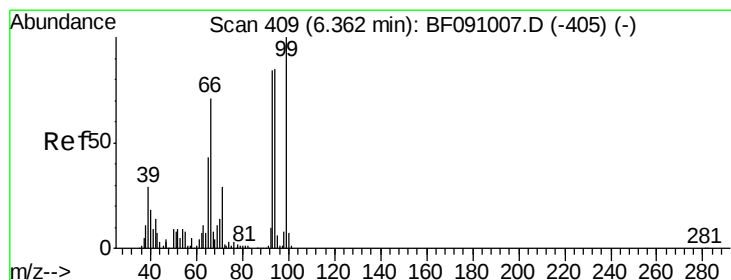
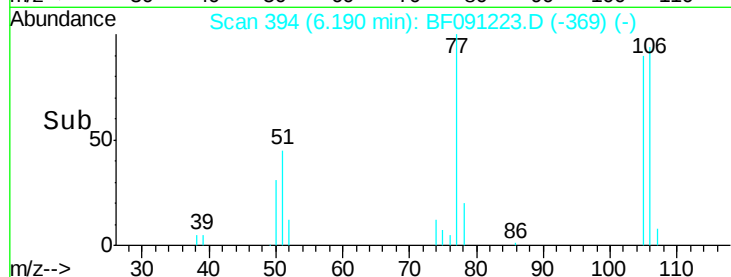
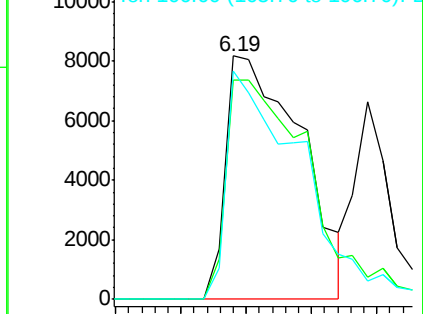
106 94.0 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 29.08 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

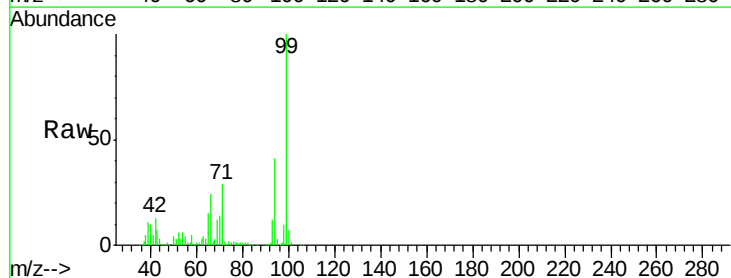
Tgt Ion: 94 Resp: 544989

Ion Ratio Lower Upper

94 100

65 36.6 30.4 70.4

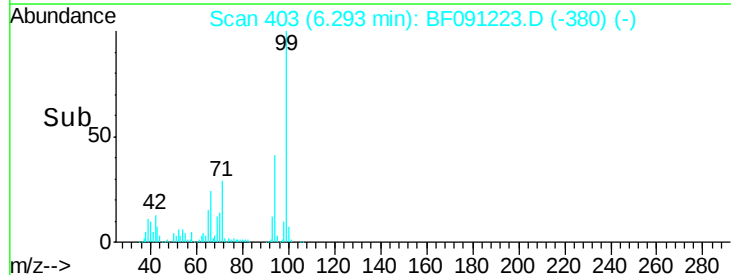
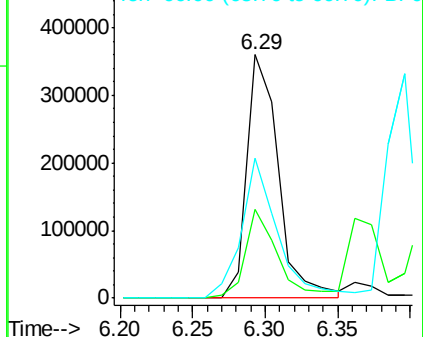
66 57.6 62.9 102.9#



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

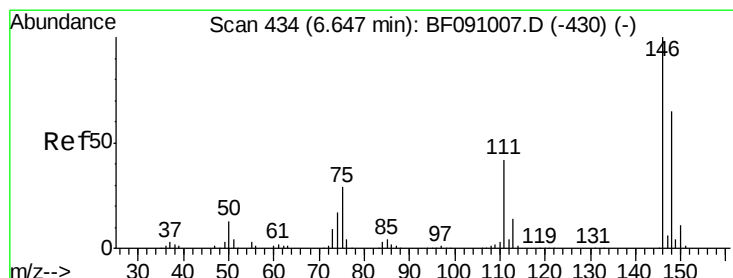
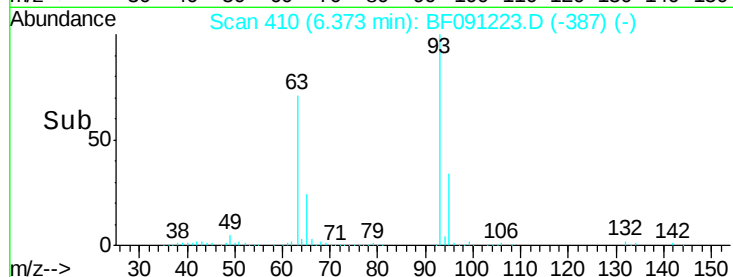
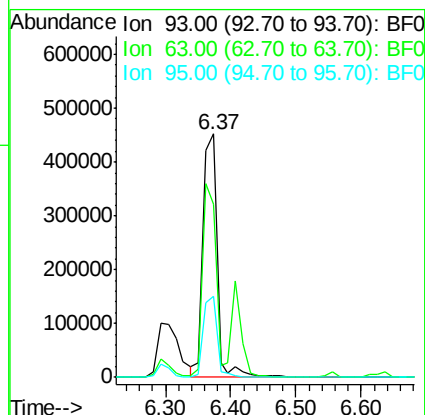
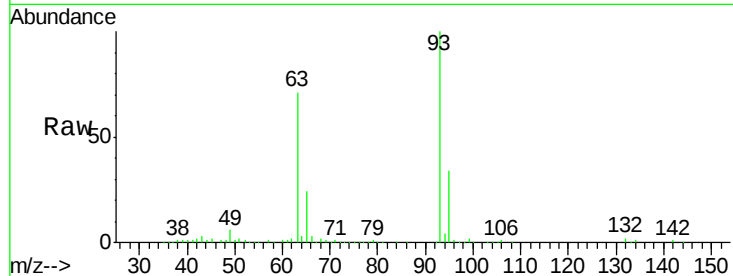




#11
bis(2-Chloroethyl)ether
Concen: 42.61 ng
RT: 6.37 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

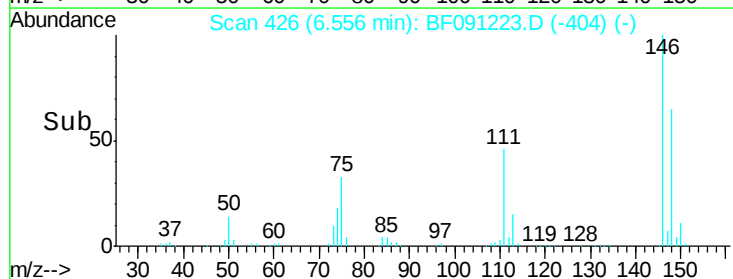
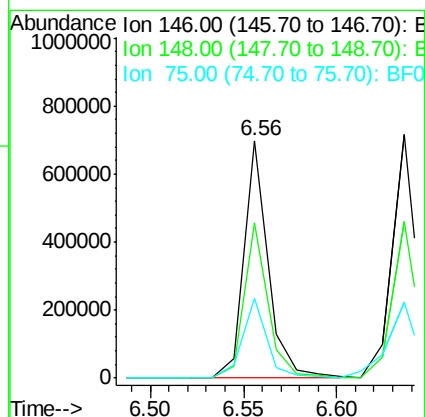
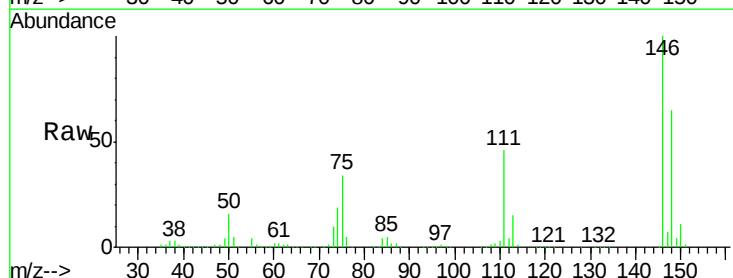
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

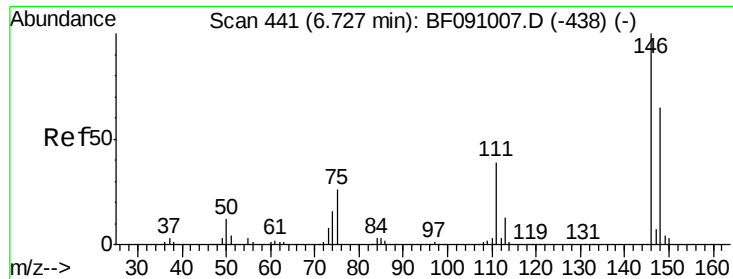
Tgt Ion: 93 Resp: 672953
Ion Ratio Lower Upper
93 100
63 70.9 68.9 108.9
95 33.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.07 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Tgt Ion: 146 Resp: 633319
Ion Ratio Lower Upper
146 100
148 65.4 52.0 78.0
75 33.6 23.0 34.6

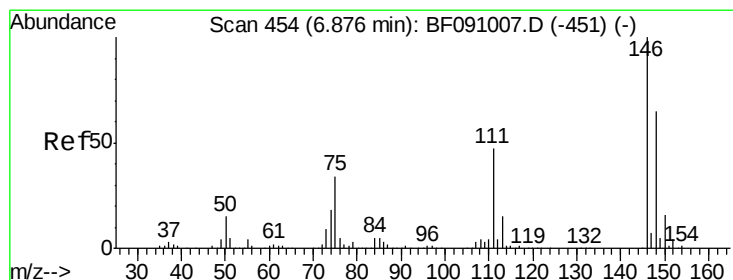
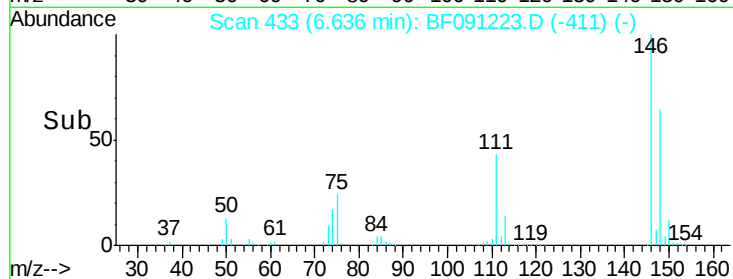
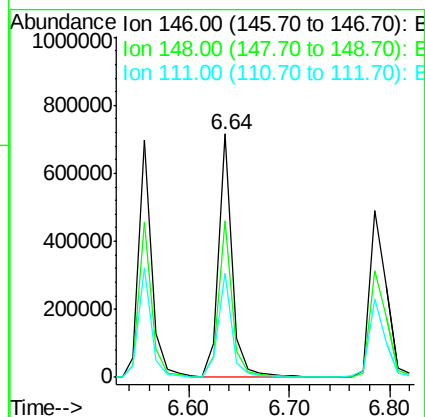
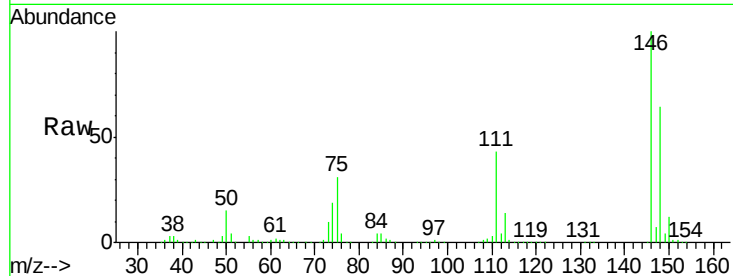




#13
 1,4-Dichlorobenzene
 Concen: 42.10 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

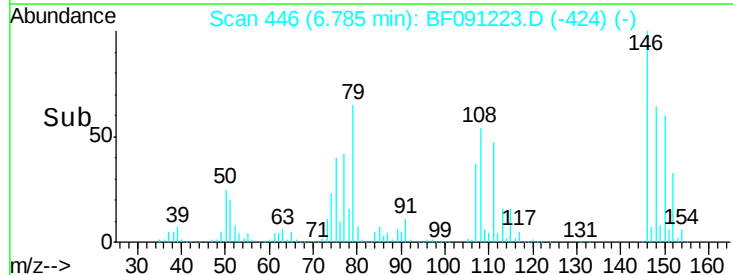
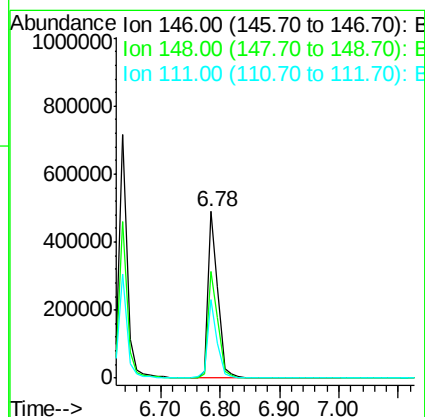
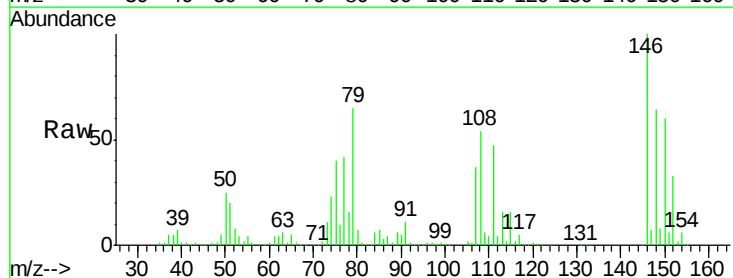
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tgt Ion:146 Resp: 679877
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.1 78.1
 111 42.8 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 38.61 ng
 RT: 6.78 min Scan# 446
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:146 Resp: 572251
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.6 77.4
 111 47.4 37.3 55.9





#15

Benzyl Alcohol

Concen: 43.75 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

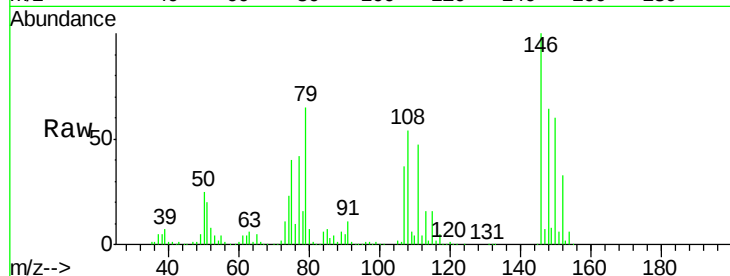
Tgt Ion: 79 Resp: 522654

Ion Ratio Lower Upper

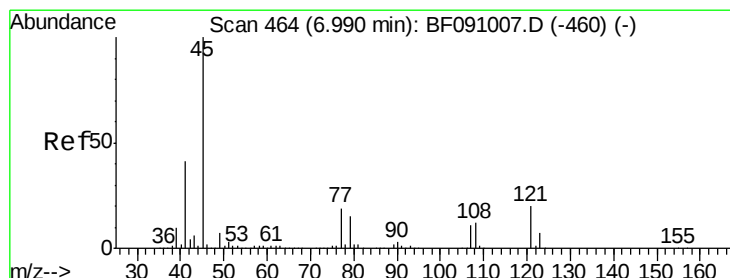
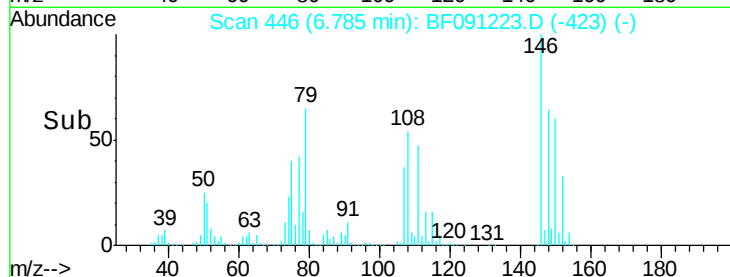
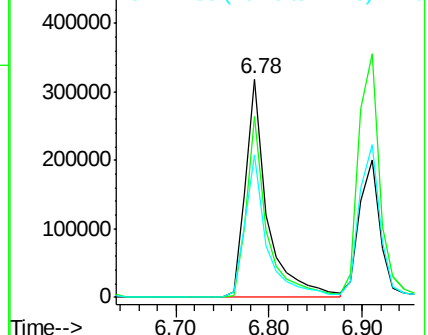
79 100

108 82.6 55.7 83.5

77 65.0 52.6 79.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.34 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

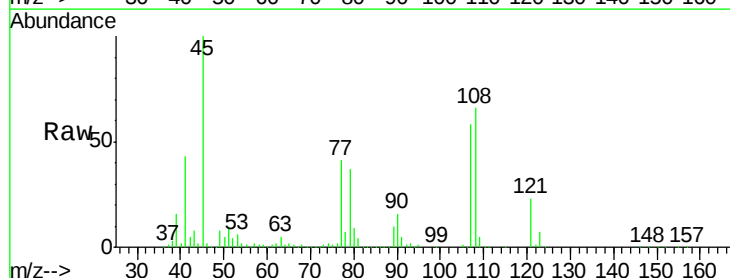
Tgt Ion: 45 Resp: 754084

Ion Ratio Lower Upper

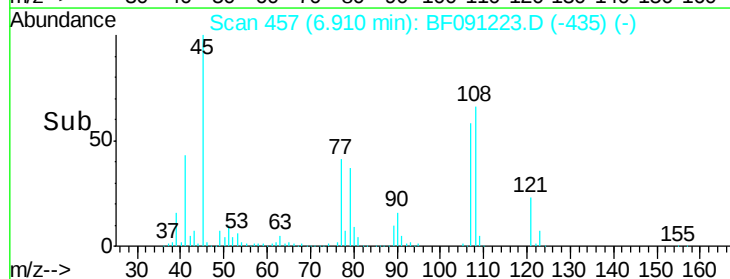
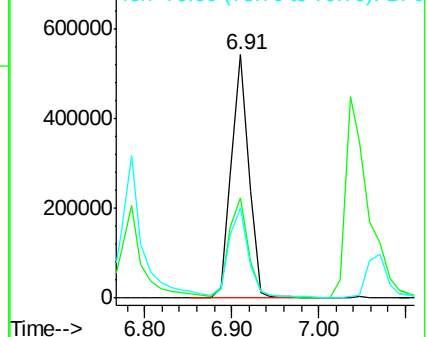
45 100

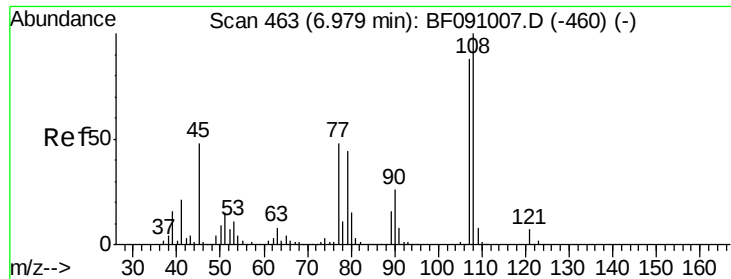
77 41.1 0.0 39.6#

79 36.8 0.0 35.9#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

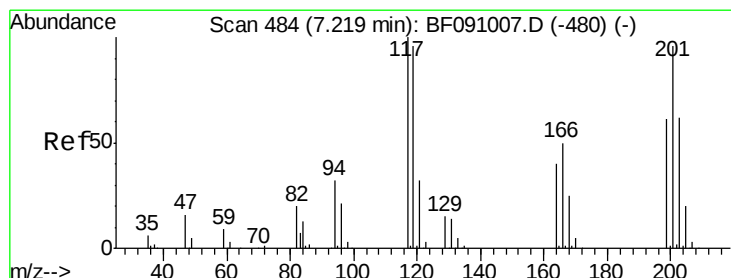
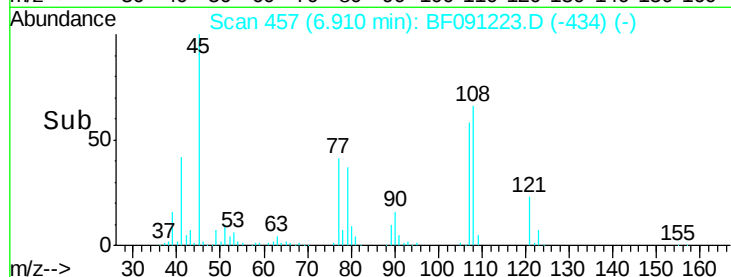
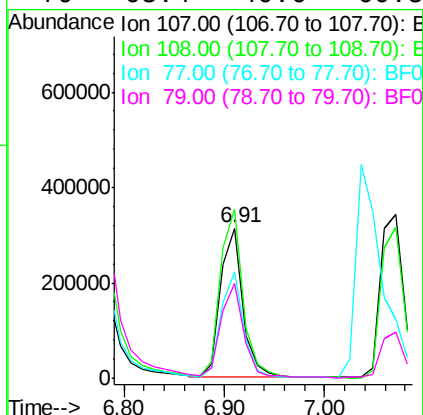
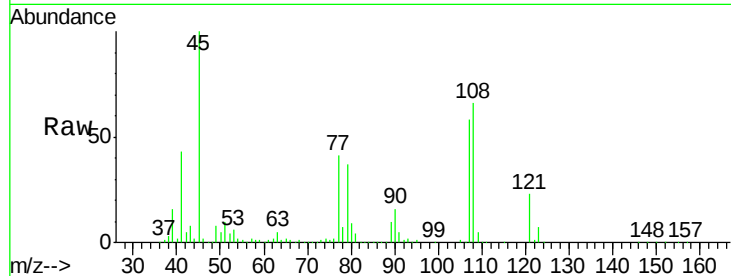




#17
2-Methylphenol
Concen: 41.40 ng
RT: 6.91 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

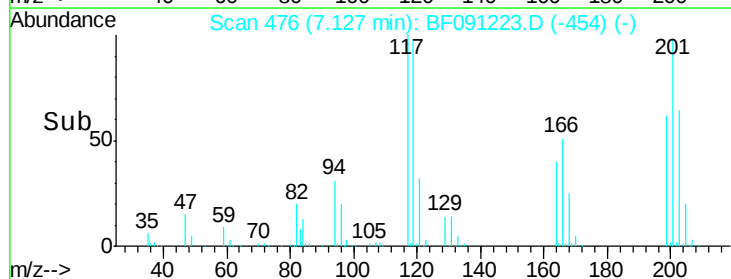
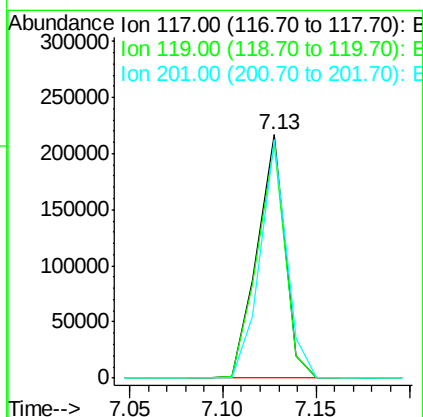
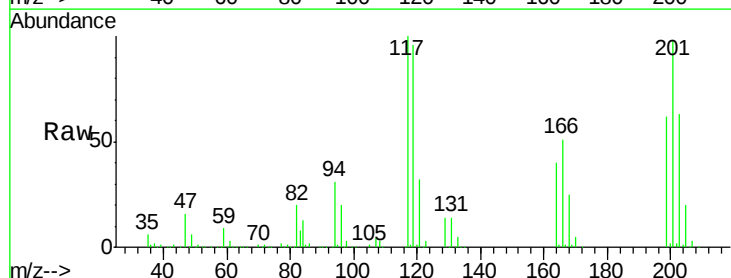
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

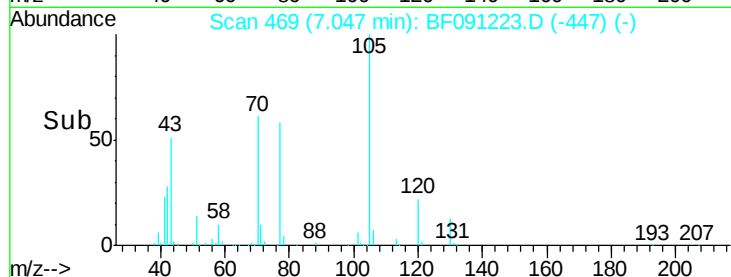
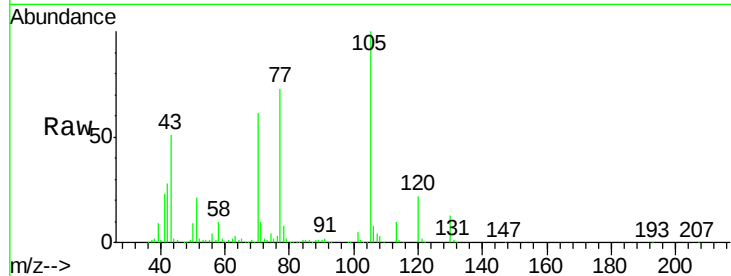
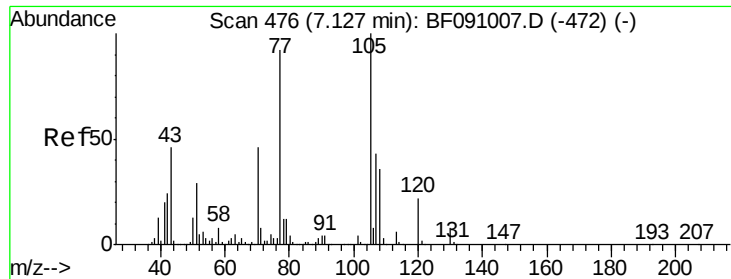
Tgt Ion:107 Resp: 487810
Ion Ratio Lower Upper
107 100
108 112.8 91.0 136.6
77 70.8 43.8 65.8#
79 63.4 40.6 60.8#



#18
Hexachloroethane
Concen: 35.64 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Tgt Ion:117 Resp: 222784
Ion Ratio Lower Upper
117 100
119 96.5 76.6 115.0
201 98.1 77.1 115.7

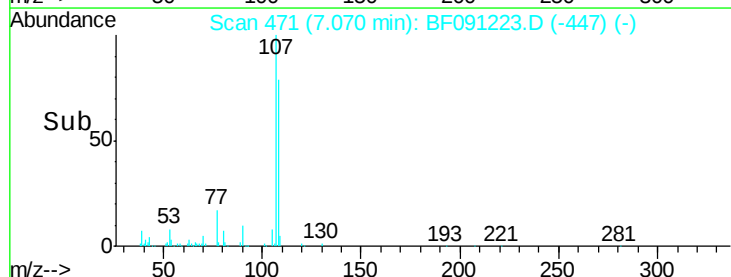
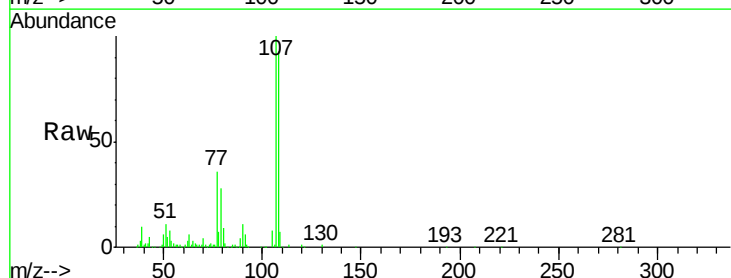
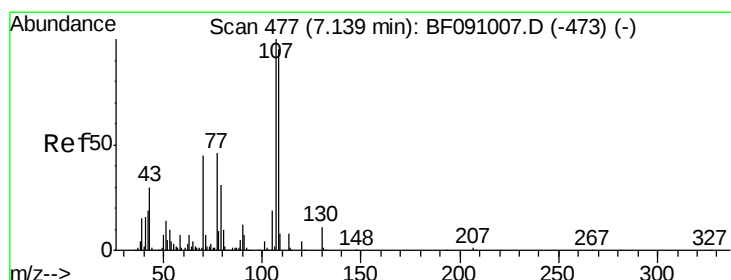
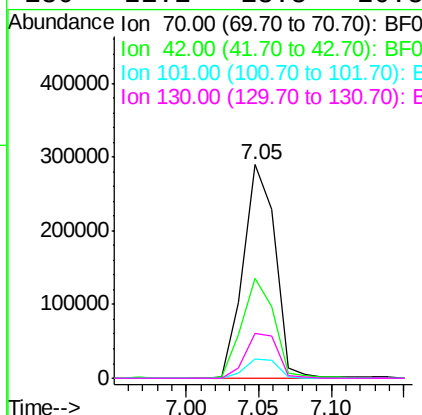




#19
n-Nitroso-di-n-propylamine
Concen: 37.67 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

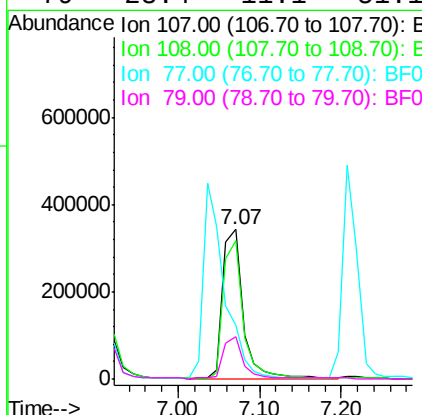
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

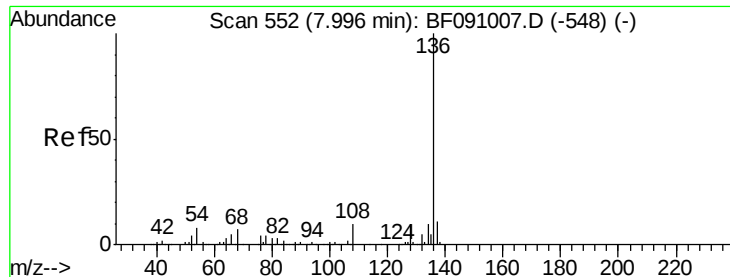
Tgt Ion: 70 Resp: 442055
Ion Ratio Lower Upper
70 100
42 46.8 41.7 62.5
101 9.0 6.7 10.1
130 21.1 13.8 20.8#



#20
3+4-Methylphenols
Concen: 41.53 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Tgt Ion: 107 Resp: 587487
Ion Ratio Lower Upper
107 100
108 92.7 75.5 115.5
77 35.7 26.4 66.4
79 28.4 11.1 51.1

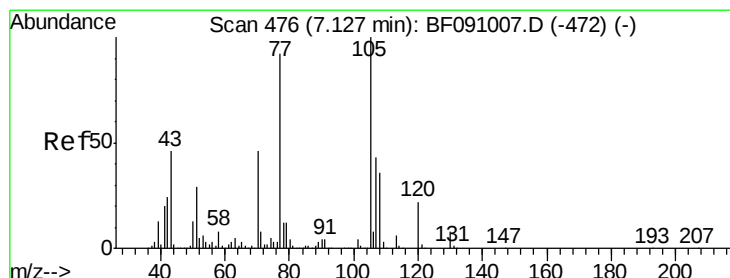
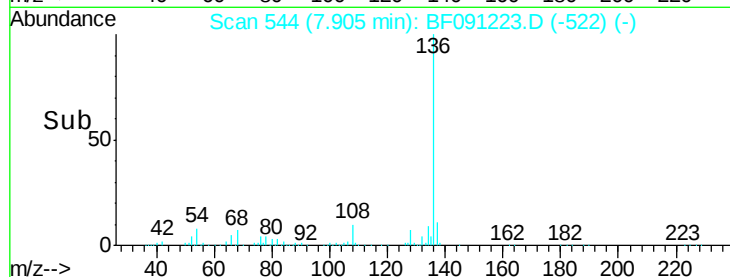
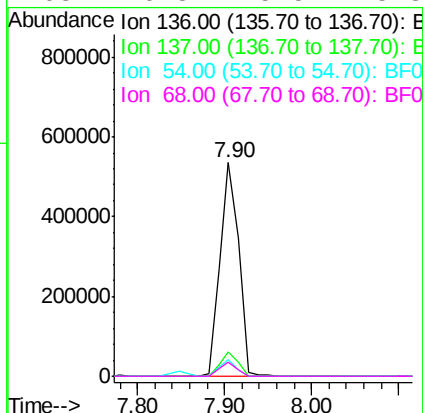
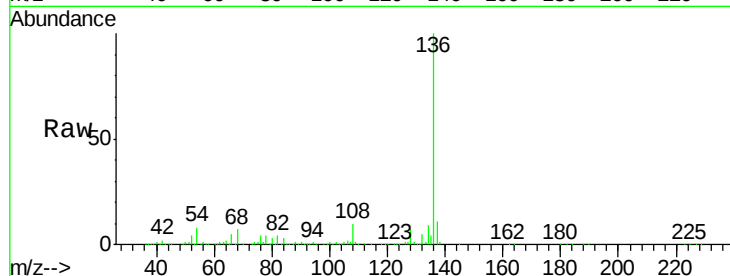




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

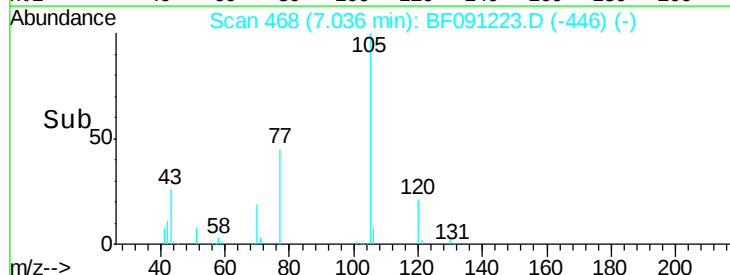
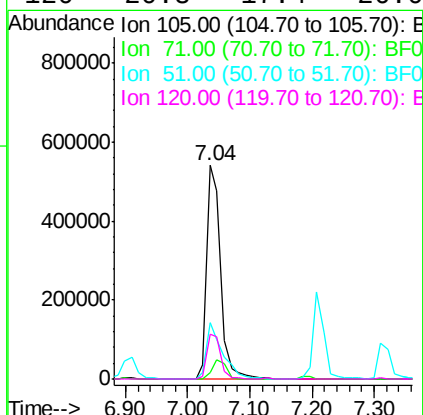
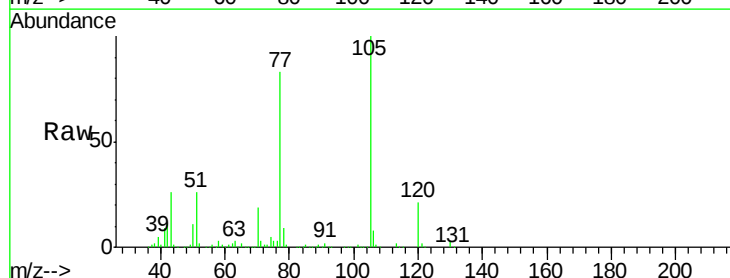
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

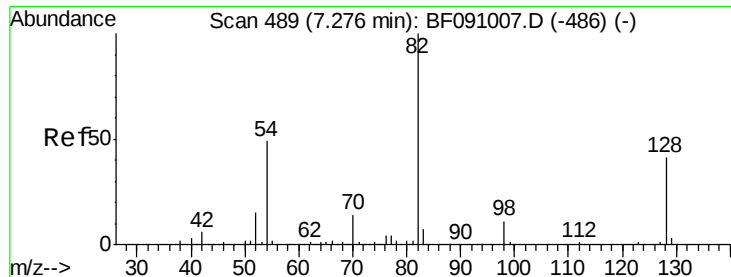
Tgt Ion:	136	Resp:	808898
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	6.2	9.2
68	6.8	5.5	8.3



#22
Acetophenone
Concen: 44.94 ng
RT: 7.04 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Tgt Ion:	105	Resp:	836913
Ion	Ratio	Lower	Upper
105	100		
71	3.3	6.2	9.2#
51	26.2	23.3	34.9
120	20.8	17.4	26.0

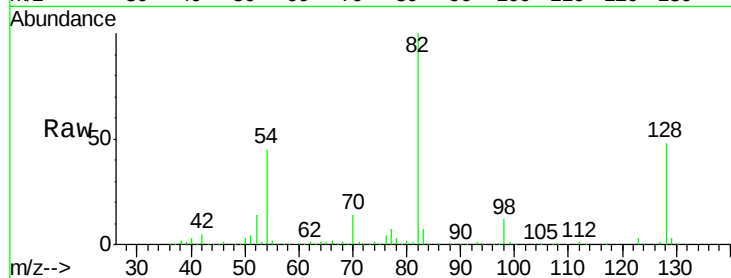




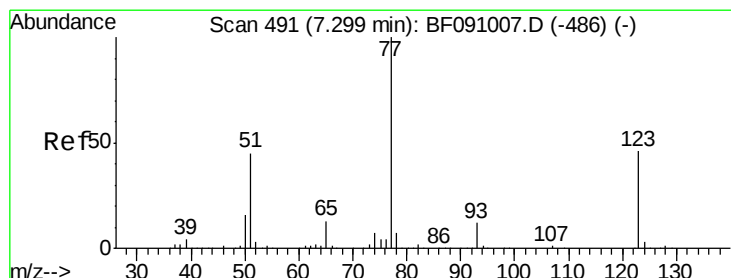
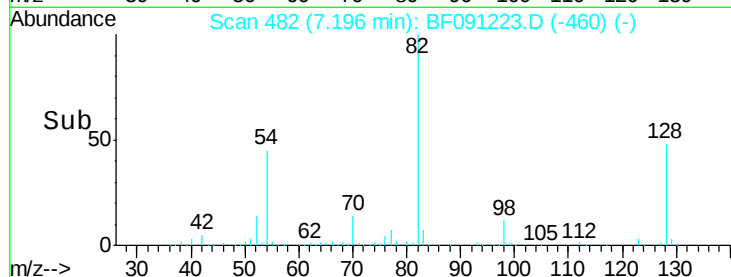
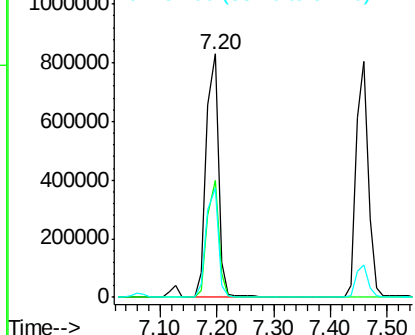
#23
 Nitrobenzene-d5
 Concen: 80.72 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tgt Ion: 82 Resp: 1196994
 Ion Ratio Lower Upper
 82 100
 128 48.1 32.4 48.6
 54 45.0 39.2 58.8

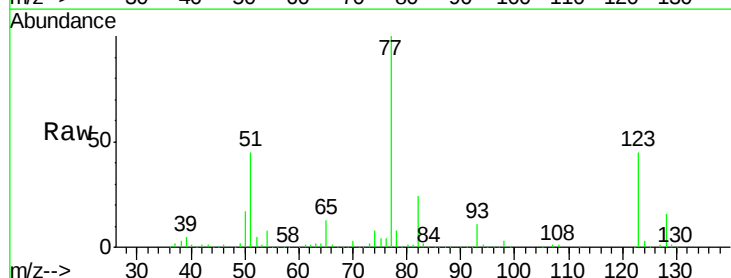


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

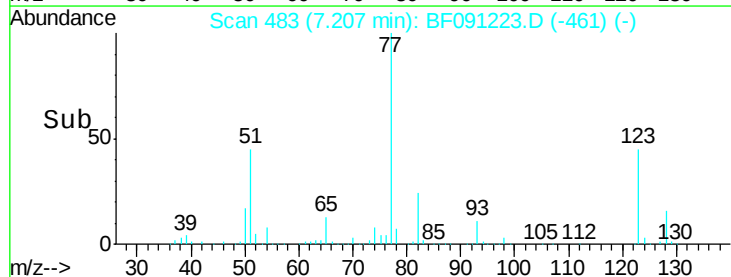
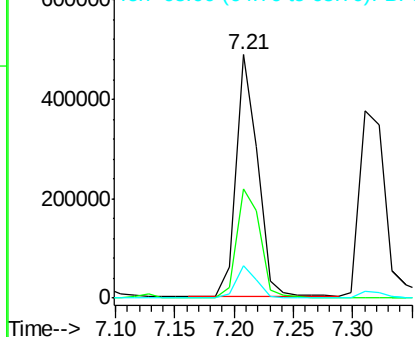


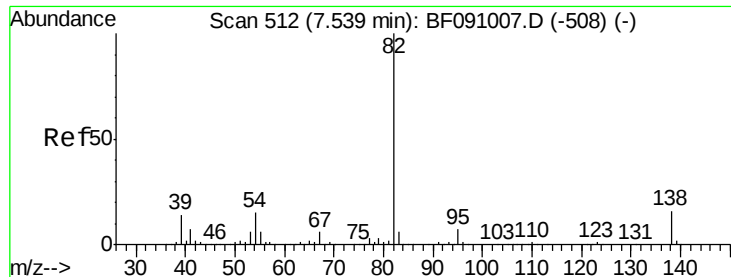
#24
 Nitrobenzene
 Concen: 37.78 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion: 77 Resp: 618777
 Ion Ratio Lower Upper
 77 100
 123 44.8 36.5 54.7
 65 13.3 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.44 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

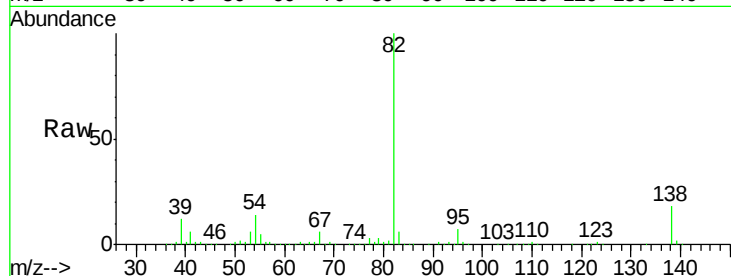
Tgt Ion: 82 Resp: 1212753

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

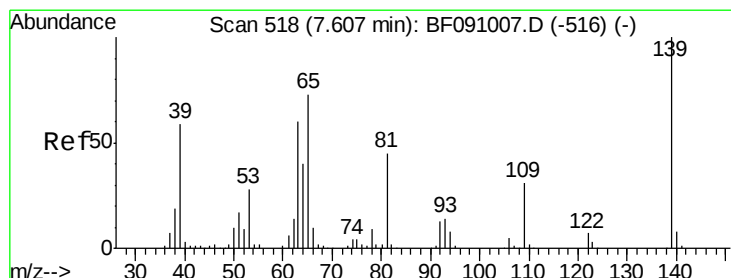
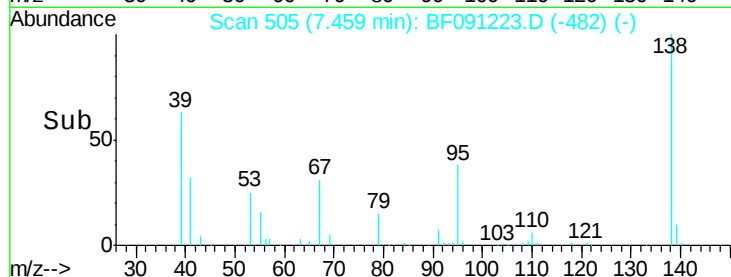
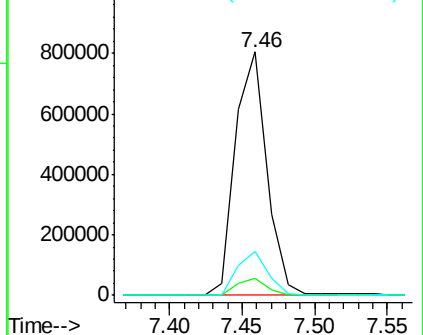
138 18.1 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.86 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

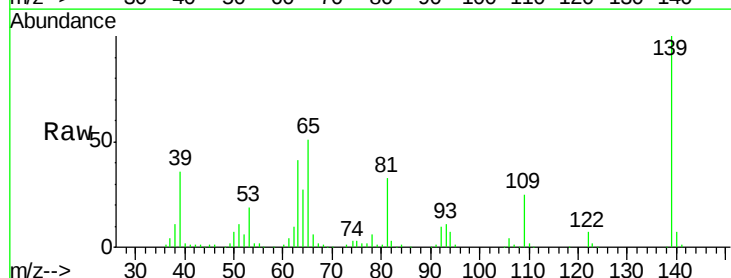
Tgt Ion: 139 Resp: 310931

Ion Ratio Lower Upper

139 100

109 25.4 24.7 37.1

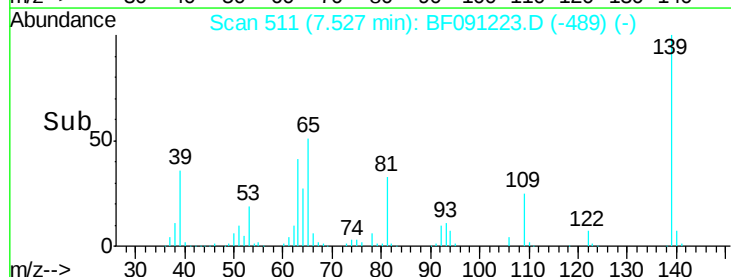
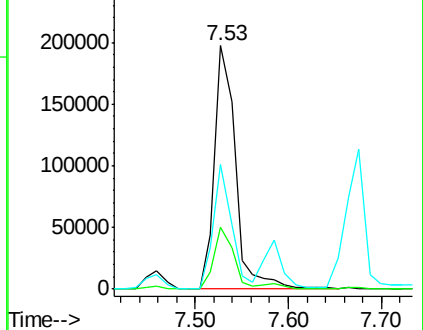
65 51.0 58.3 87.5#



Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

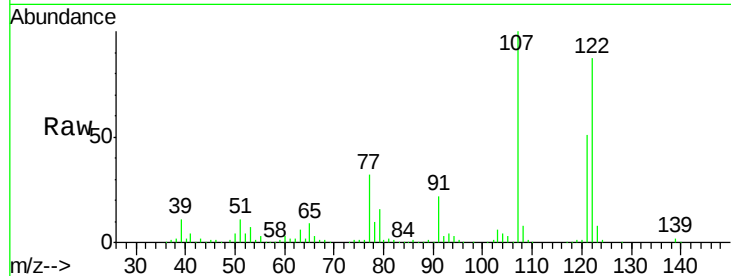




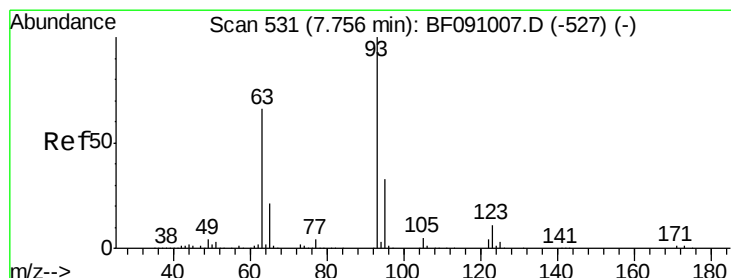
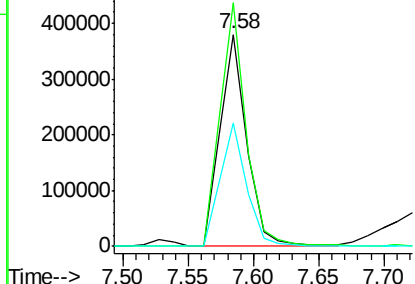
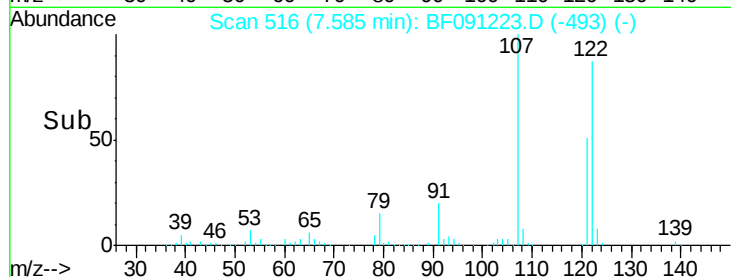
#27
 2,4-Dimethylphenol
 Concen: 46.65 ng
 RT: 7.58 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tgt Ion:122 Resp: 534654
 Ion Ratio Lower Upper
 122 100
 107 114.8 89.6 134.4
 121 58.0 46.3 69.5

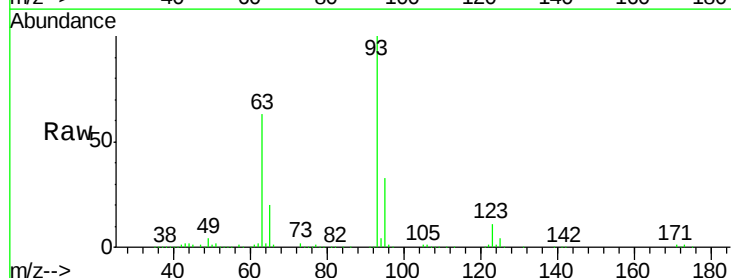


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

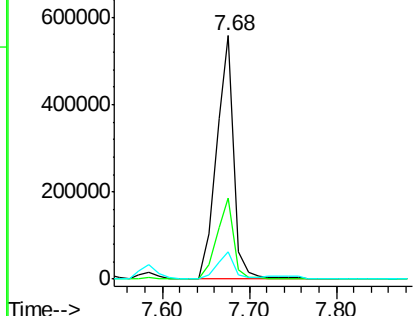
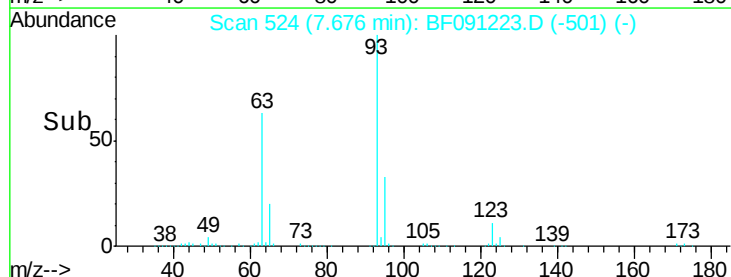


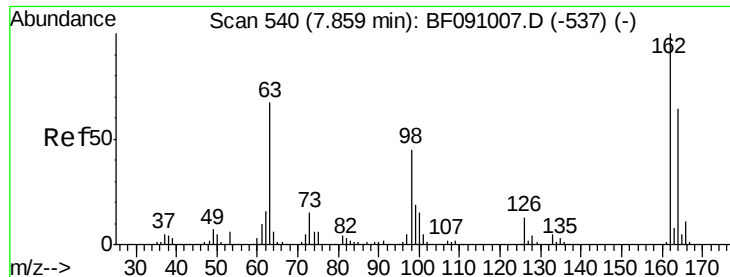
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.55 ng
 RT: 7.68 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion: 93 Resp: 773480
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.3 39.5
 123 11.4 8.7 13.1



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

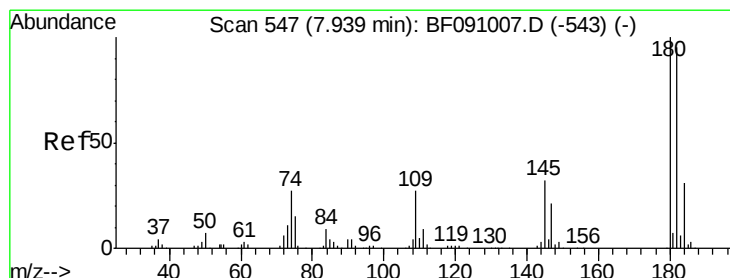
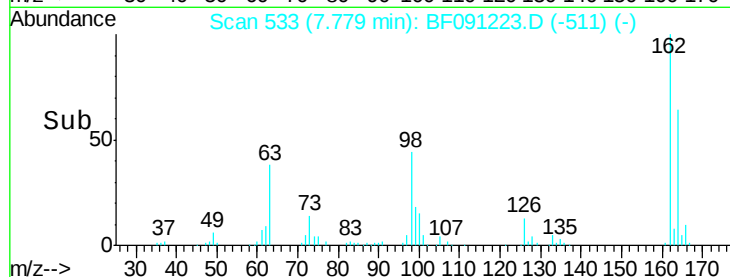
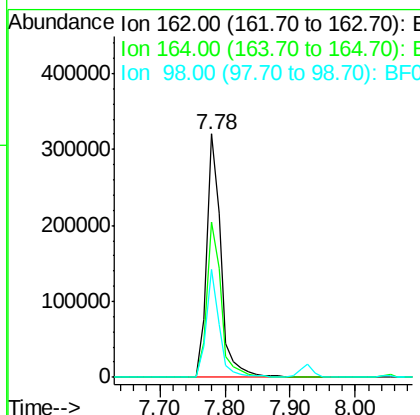
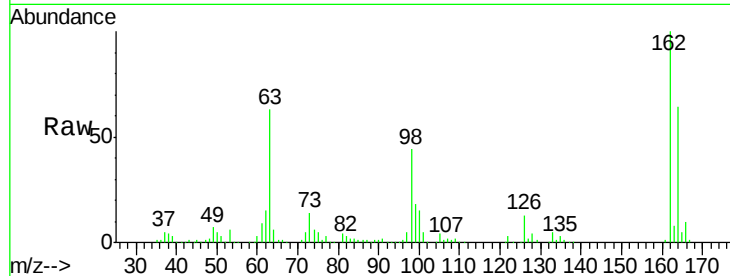




#29
 2,4-Dichlorophenol
 Concen: 48.82 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

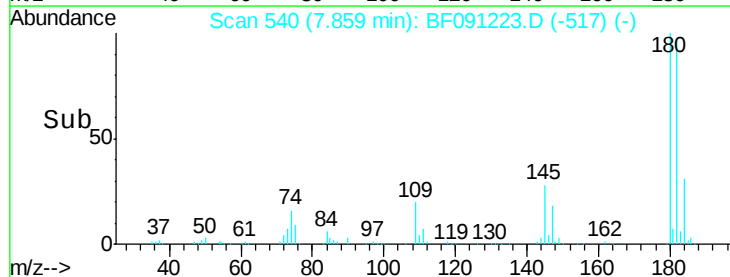
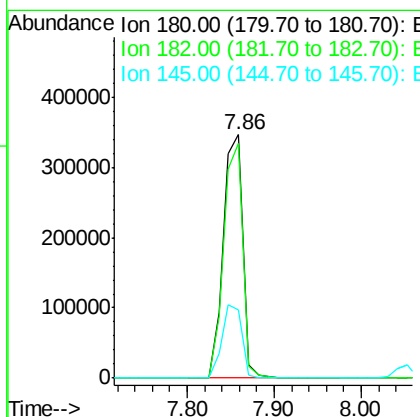
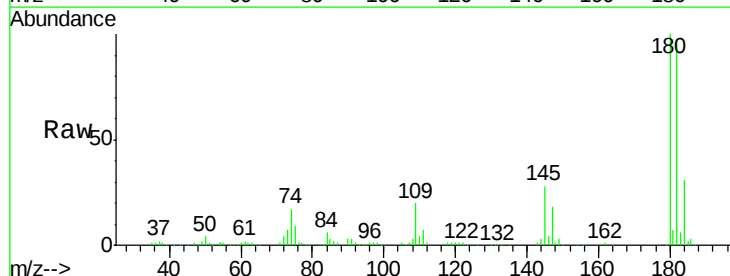
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tgt Ion:162 Resp: 488380
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.4 84.4
 98 44.3 25.2 65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.06 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:180 Resp: 540541
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.0 114.0
 145 28.1 25.8 38.8





#31

Naphthalene

Concen: 46.26 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.05 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

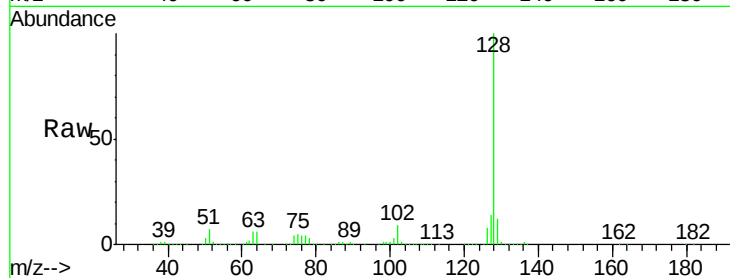
Tgt Ion:128 Resp: 1789518

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

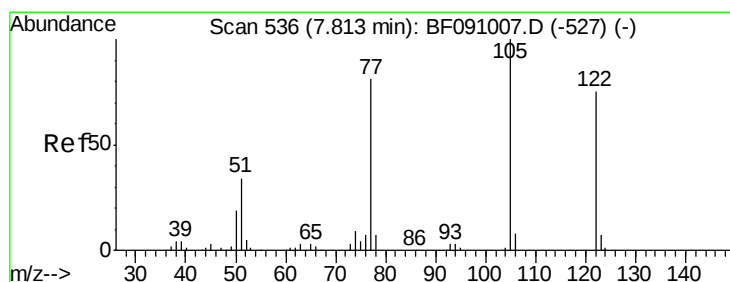
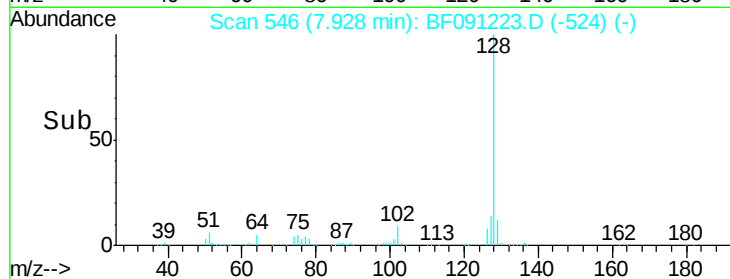
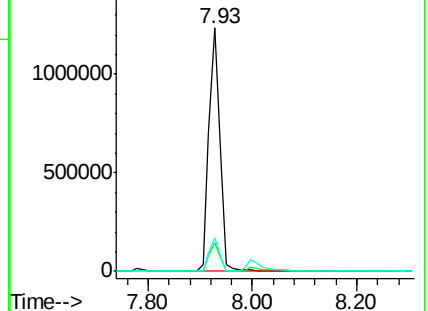
127 13.7 10.9 16.3



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: 34.00 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

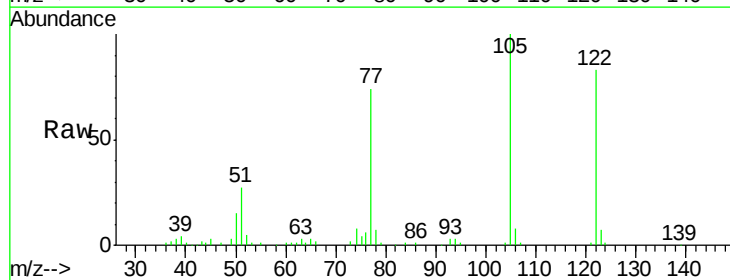
Tgt Ion:122 Resp: 289204

Ion Ratio Lower Upper

122 100

105 120.3 105.9 145.9

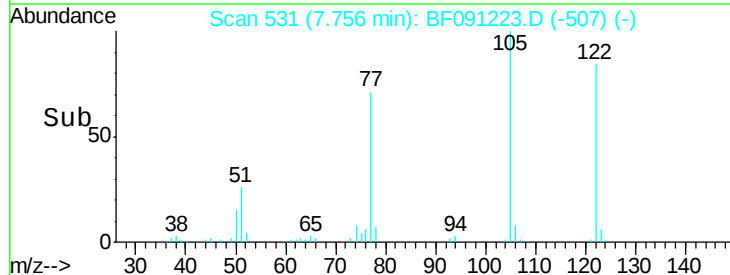
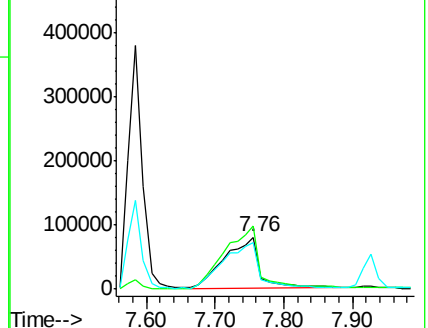
77 88.5 84.0 124.0



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

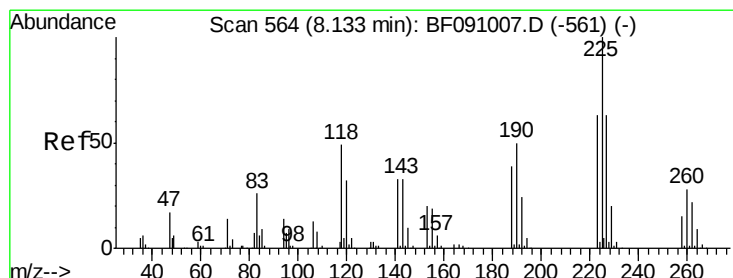
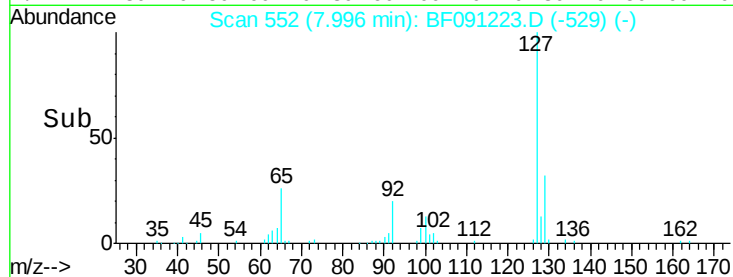
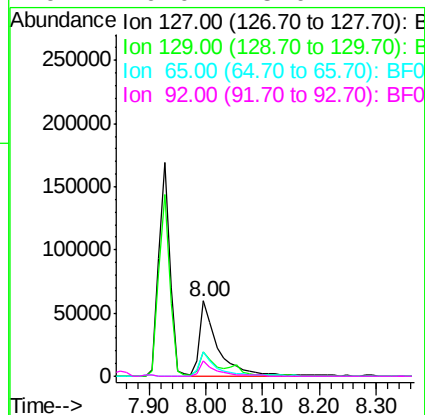
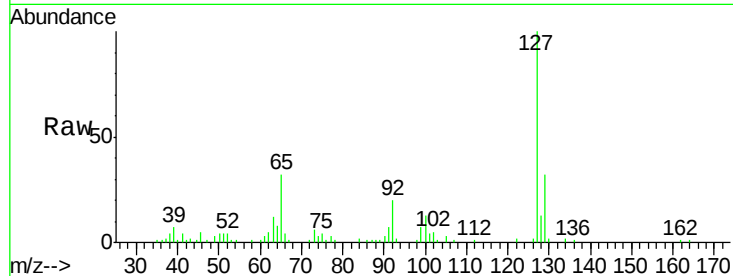




#33
4-Chloroaniline
Concen: 8.08 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

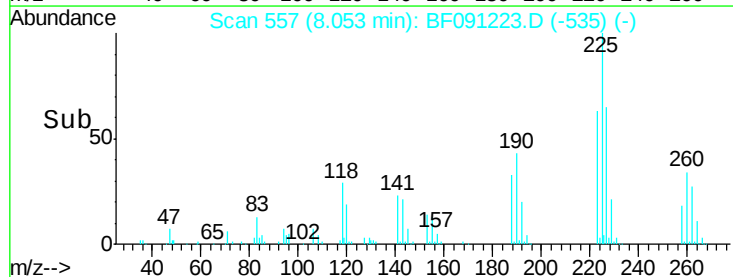
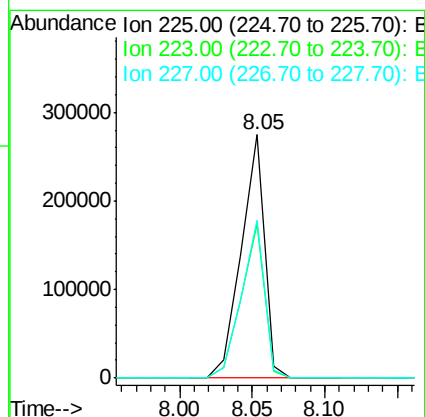
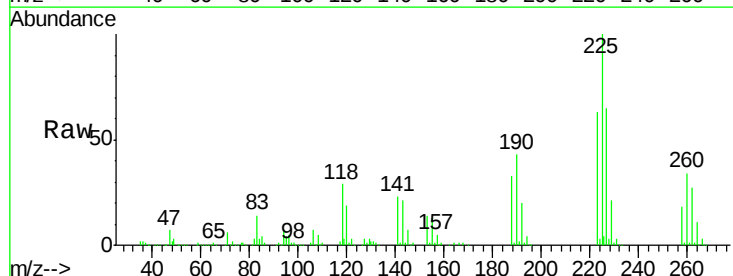
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

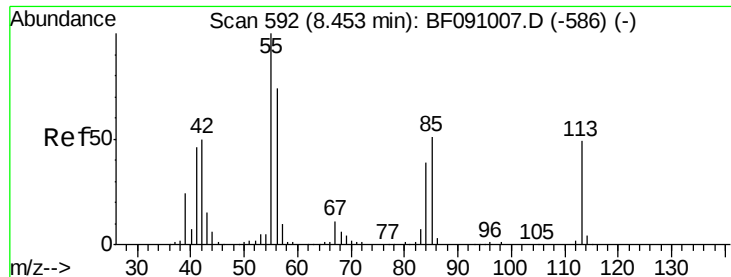
Tgt Ion:	127	Resp:	130000
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	31.6	22.2	33.2
92	20.0	15.0	22.4



#34
Hexachlorobutadiene
Concen: 50.53 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Tgt Ion:	225	Resp:	306723
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	64.6	50.1	75.1

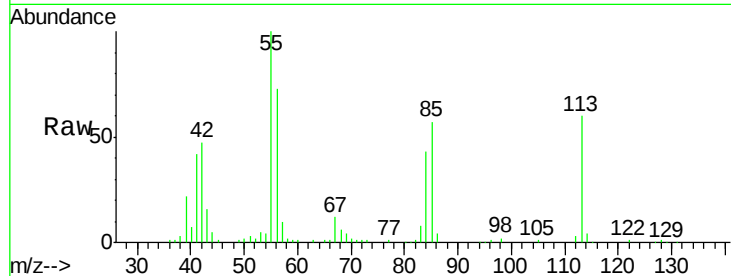




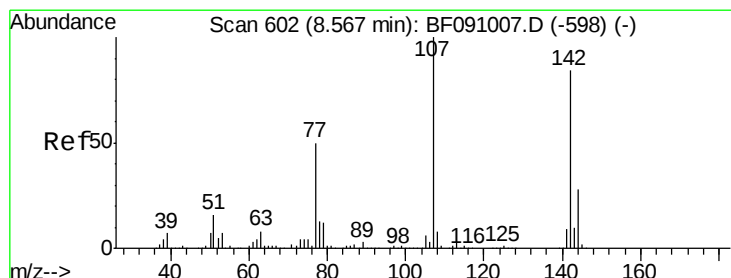
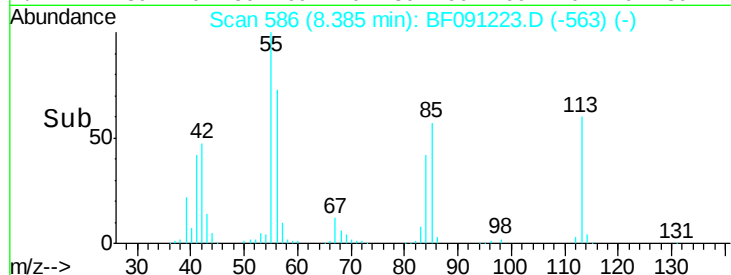
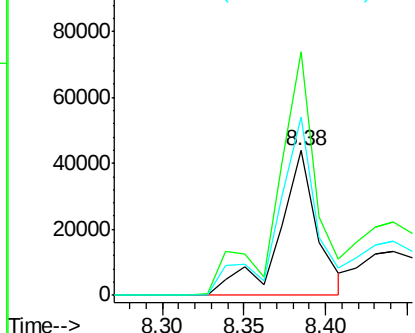
#35
 Caprolactam
 Concen: 22.77 ng
 RT: 8.38 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tgt Ion:113 Resp: 71572
 Ion Ratio Lower Upper
 113 100
 55 168.0 184.1 224.1#
 56 123.3 132.0 172.0#

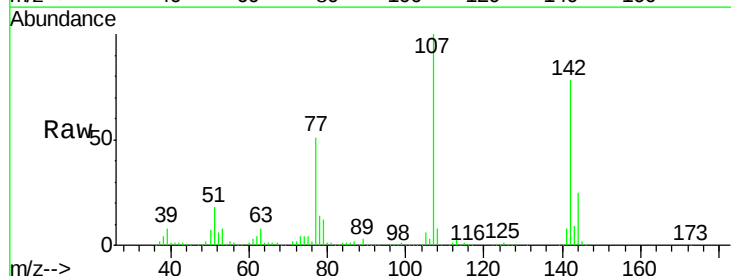


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

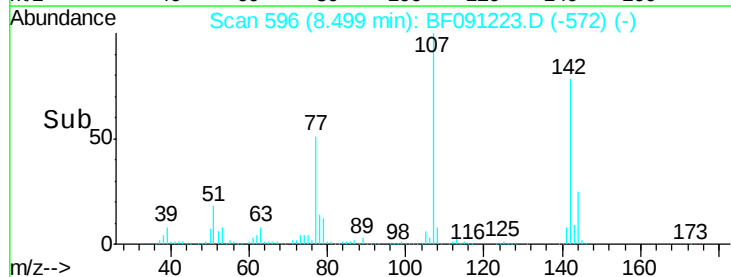
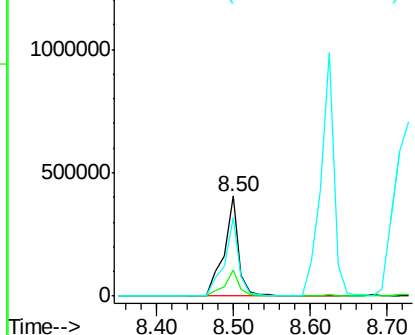


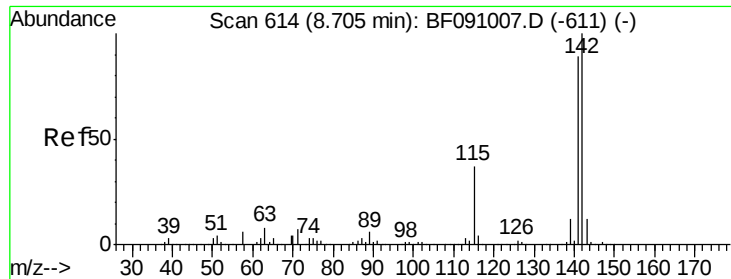
#36
 4-Chloro-3-methylphenol
 Concen: 45.23 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:107 Resp: 547685
 Ion Ratio Lower Upper
 107 100
 144 25.5 22.5 33.7
 142 78.3 67.4 101.2



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

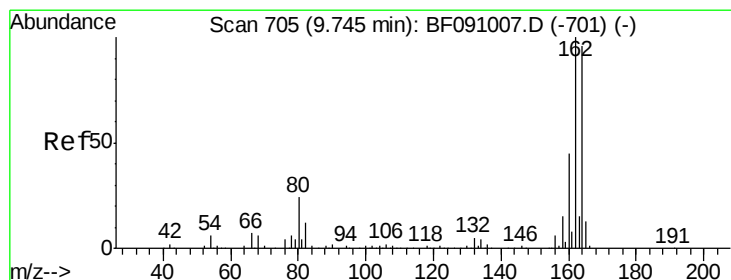
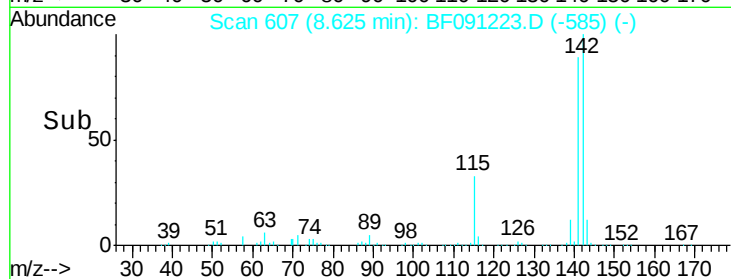
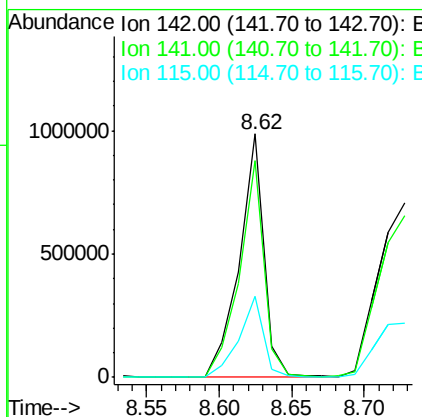
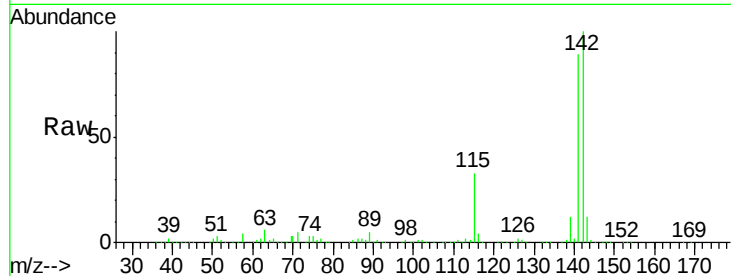




#37
2-Methylnaphthalene
Concen: 47.11 ng
RT: 8.62 min Scan# 607
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

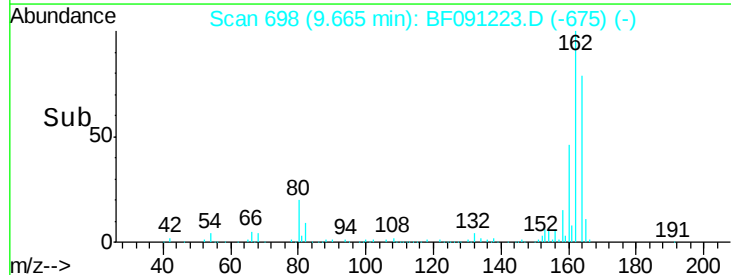
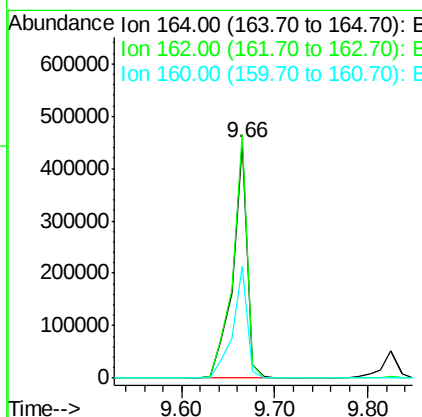
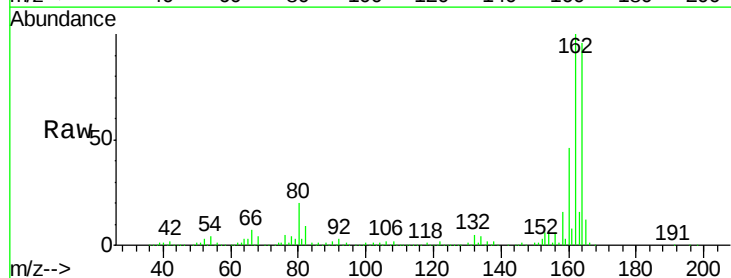
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

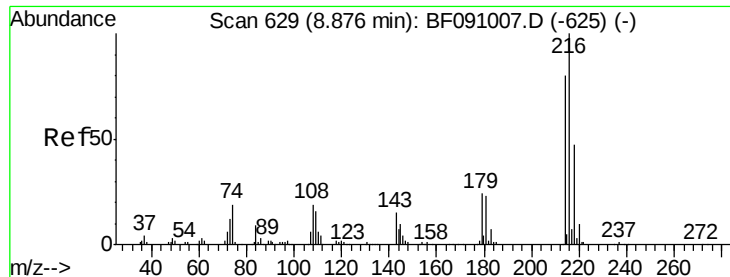
Tgt Ion:142 Resp: 1171610
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 33.4 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Tgt Ion:164 Resp: 488834
Ion Ratio Lower Upper
164 100
162 103.8 83.6 125.4
160 47.4 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.91 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tgt Ion:216 Resp: 572199

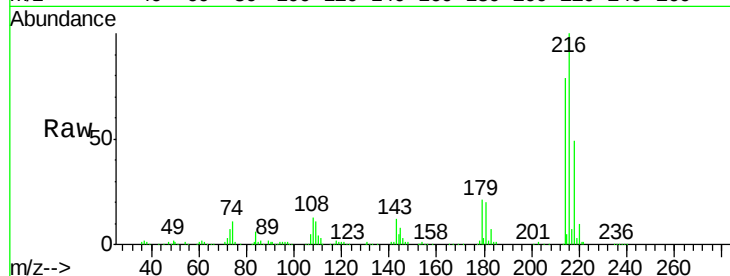
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 21.6 19.1 28.7

108 18.6 17.5 26.3

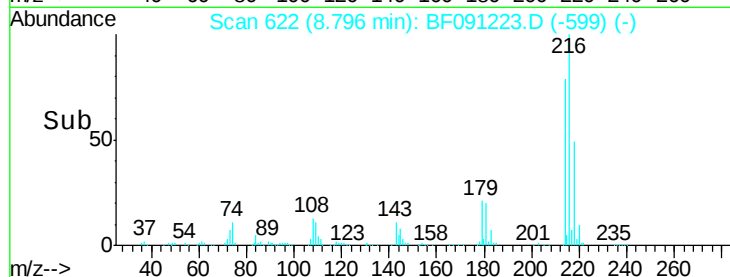


Abundance Ion 216.00 (215.70 to 216.70): E

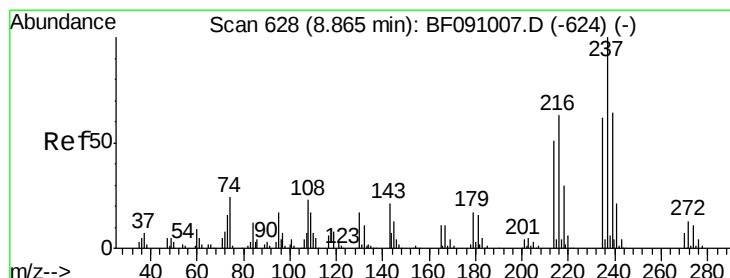
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 85.52 ng

RT: 8.77 min Scan# 620

Delta R.T. -0.05 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

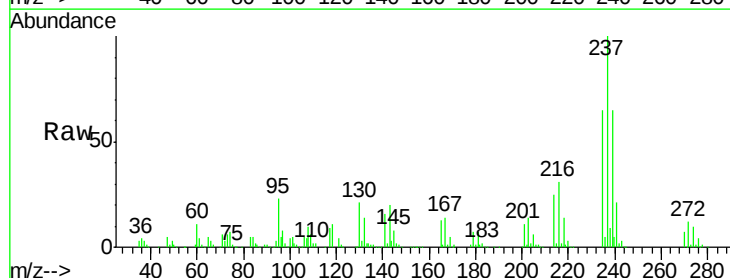
Tgt Ion:237 Resp: 415911

Ion Ratio Lower Upper

237 100

235 65.4 42.1 82.1

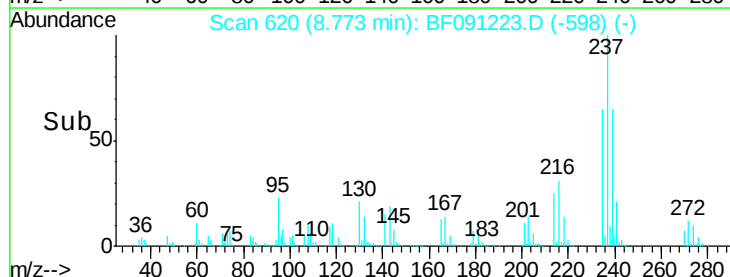
272 12.4 0.0 33.1



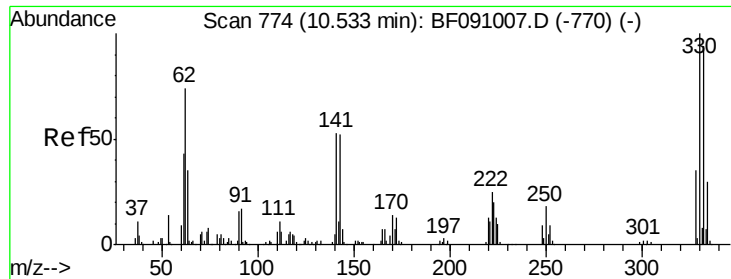
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



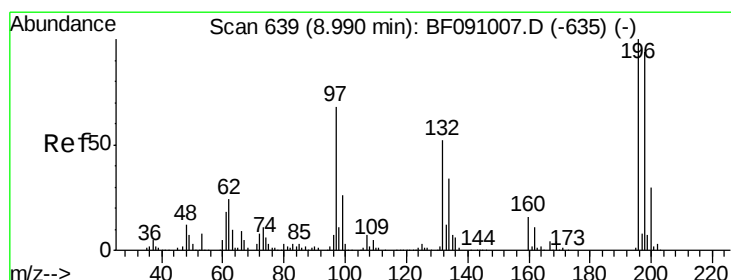
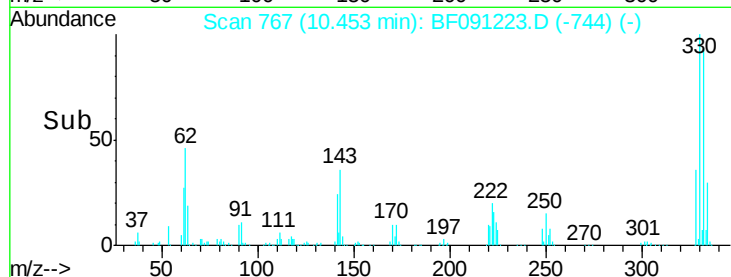
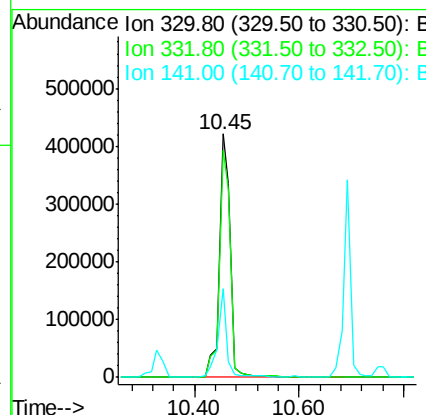
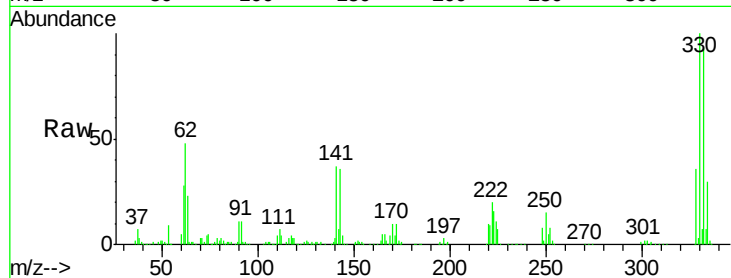
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 139.47 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

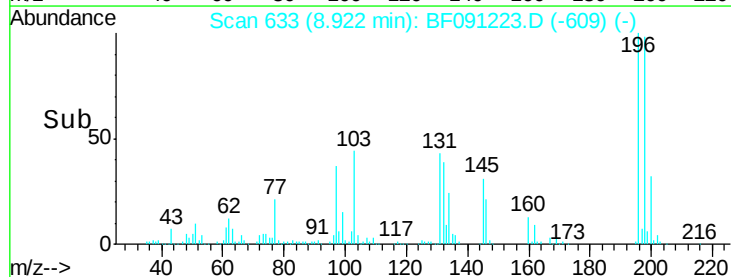
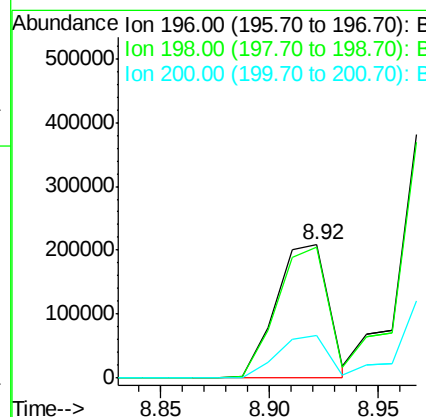
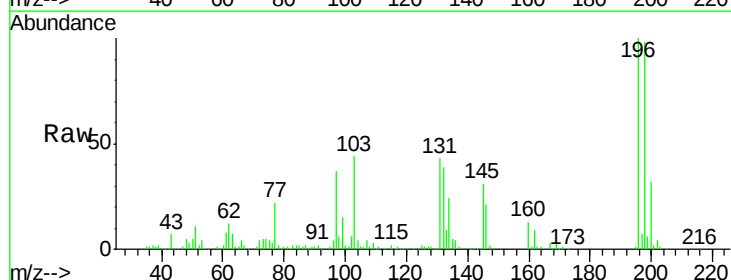
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

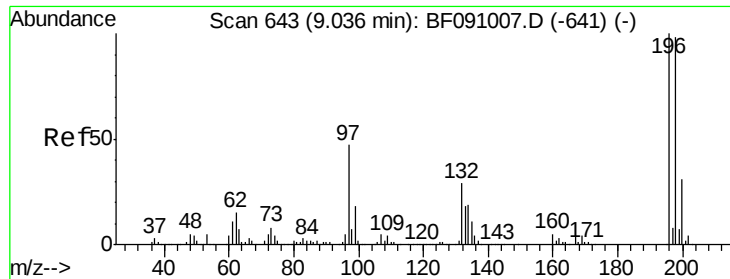
Tgt Ion:330 Resp: 616353
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 29.0 36.1 54.1#



#42
 2,4,6-Trichlorophenol
 Concen: 43.38 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:196 Resp: 349047
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.4 113.0
 200 32.3 24.1 36.1

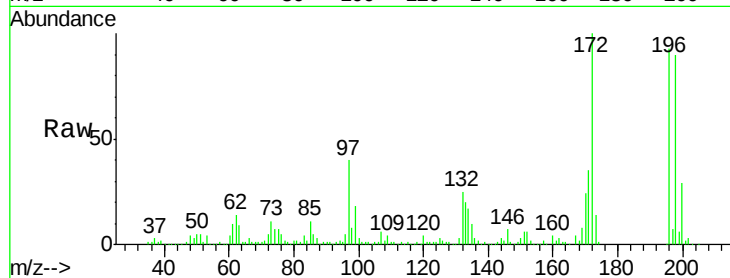




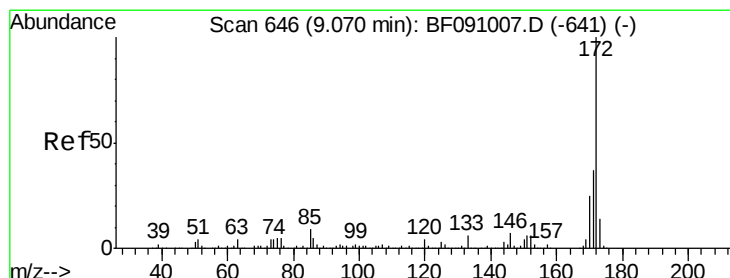
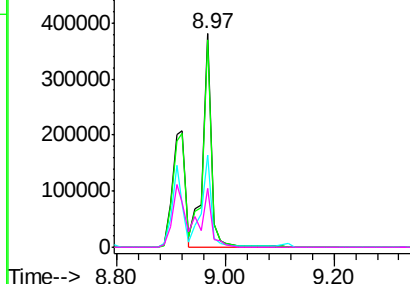
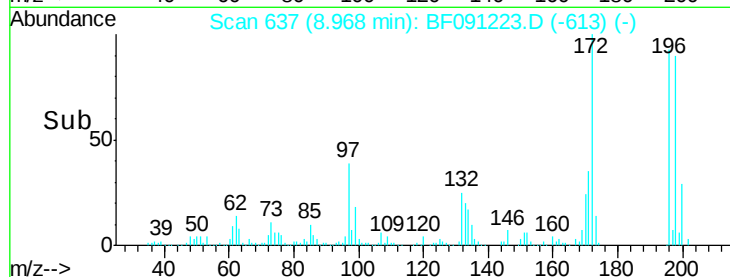
#43
 2,4,5-Trichlorophenol
 Concen: 48.98 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tgt Ion:196 Resp: 413764
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.2 117.4
 97 42.9 38.8 58.2
 132 27.3 23.5 35.3

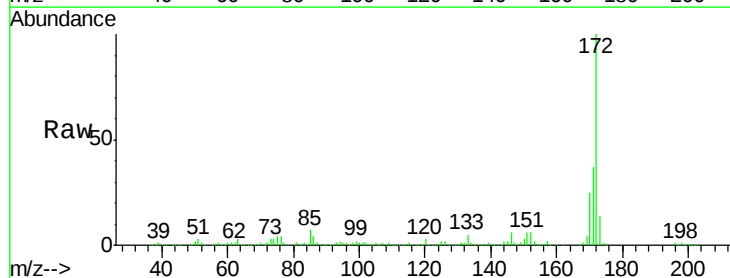


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

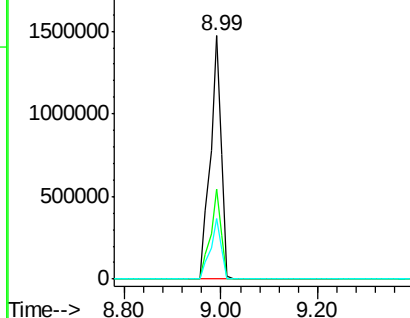
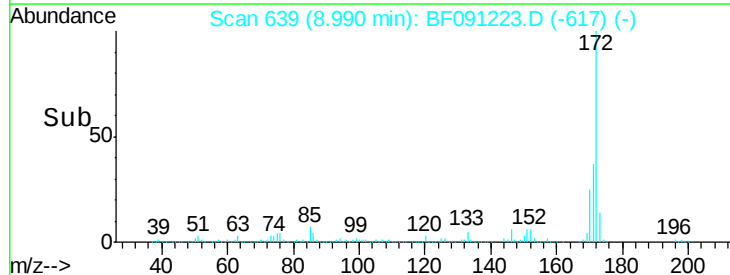


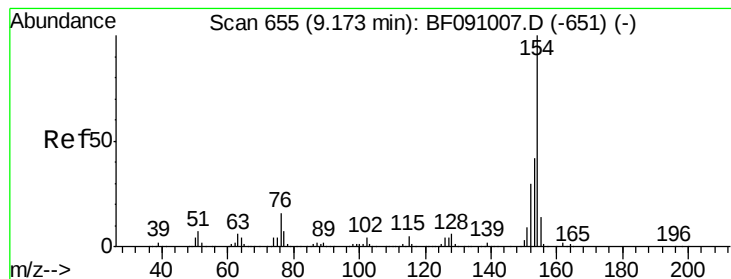
#44
 2-Fluorobiphenyl
 Concen: 83.48 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:172 Resp: 2370298
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.1 20.3 30.5



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





#45

1,1'-Biphenyl

Concen: 41.42 ng

RT: 9.09 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

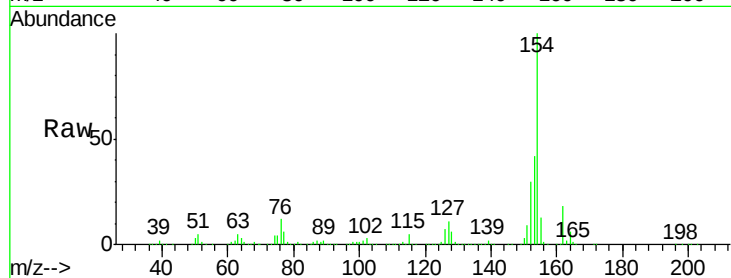
Tgt Ion:154 Resp: 1478434

Ion Ratio Lower Upper

154 100

153 41.8 21.6 61.6

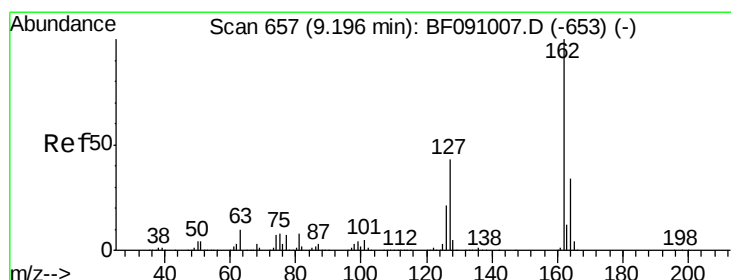
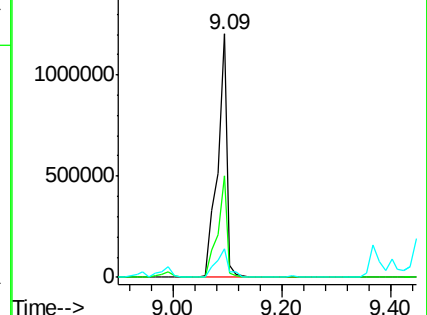
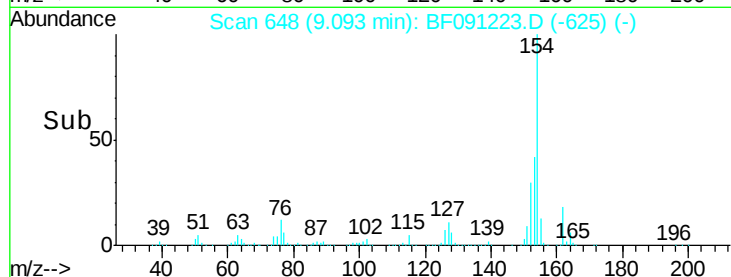
76 11.9 0.0 36.2



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: 43.00 ng

RT: 9.12 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

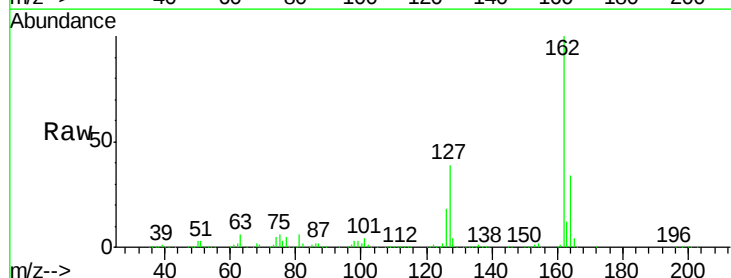
Tgt Ion:162 Resp: 1165245

Ion Ratio Lower Upper

162 100

127 39.0 34.7 52.1

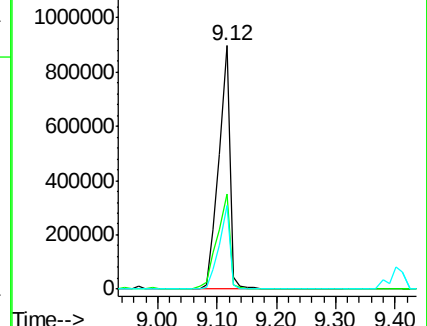
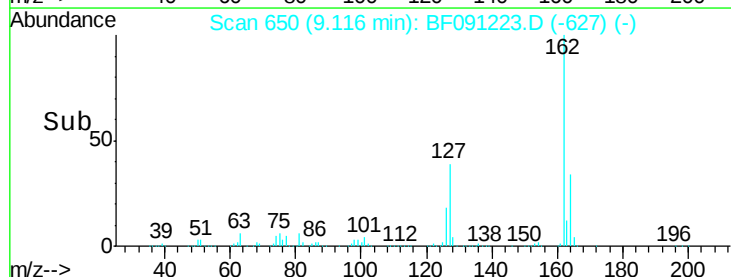
164 34.2 27.0 40.4

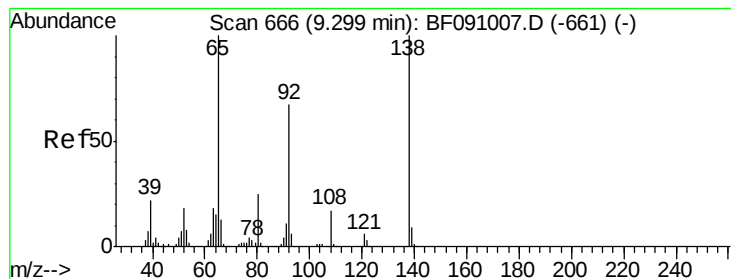


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 31.89 ng

RT: 9.22 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

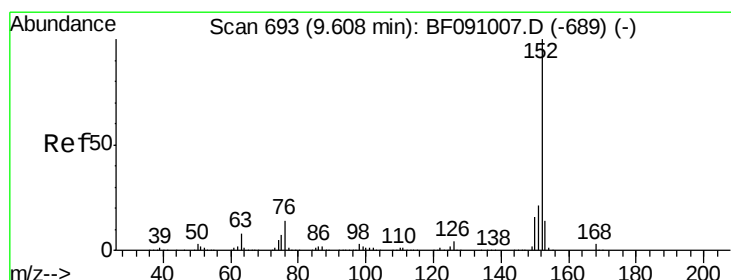
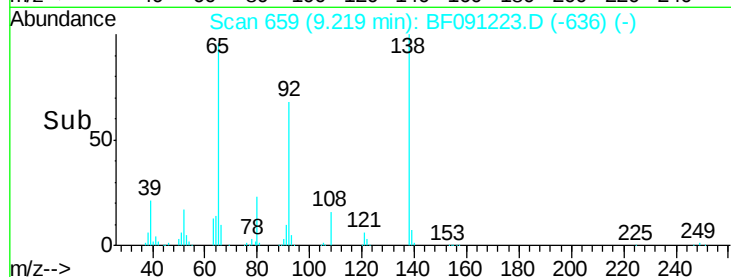
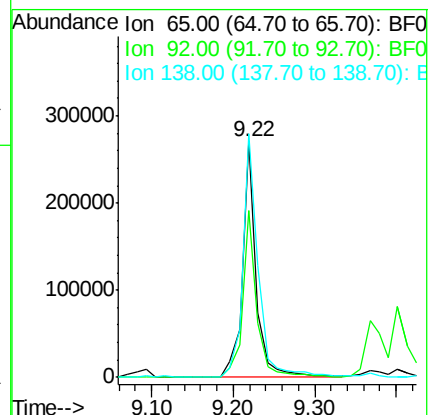
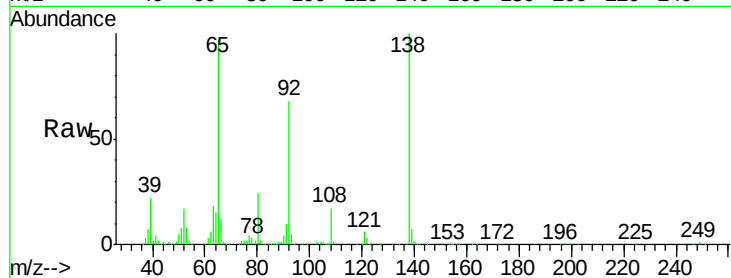
Tgt Ion: 65 Resp: 320692

Ion Ratio Lower Upper

65 100

92 70.6 53.9 80.9

138 103.5 80.1 120.1



#48

Acenaphthylene

Concen: 40.83 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

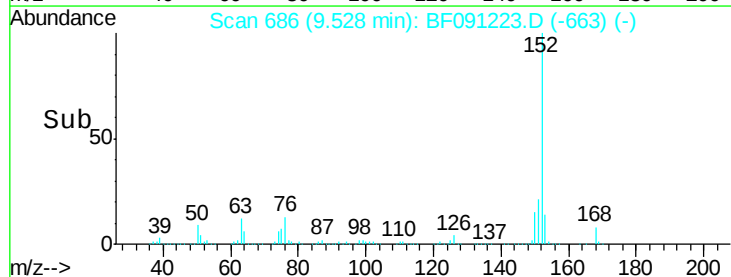
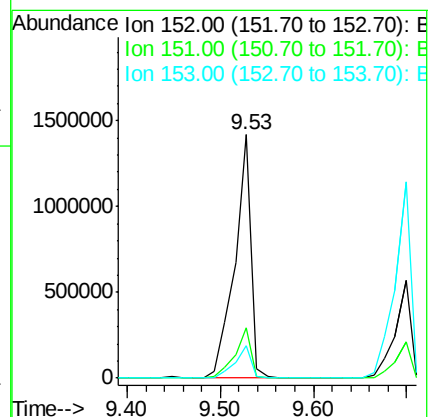
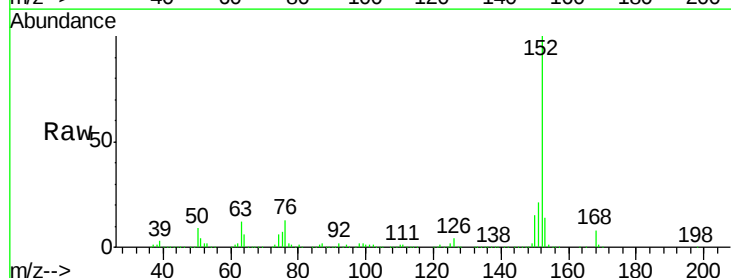
Tgt Ion: 152 Resp: 1724451

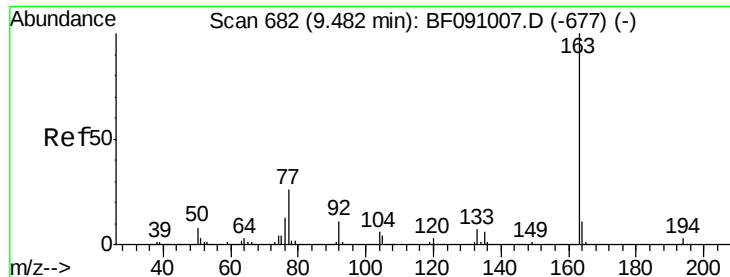
Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

153 13.6 11.1 16.7





#49

Dimethylphthalate

Concen: 42.50 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

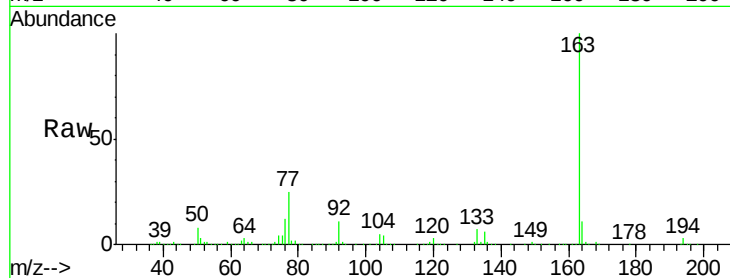
Tgt Ion:163 Resp: 1362238

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

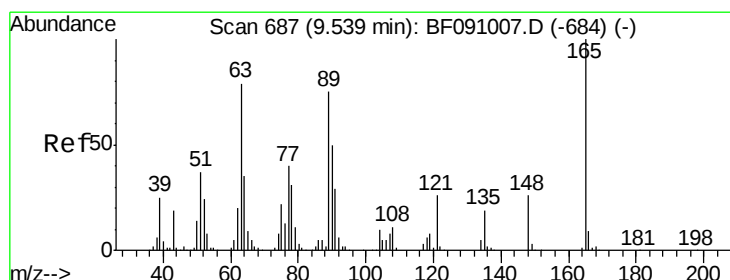
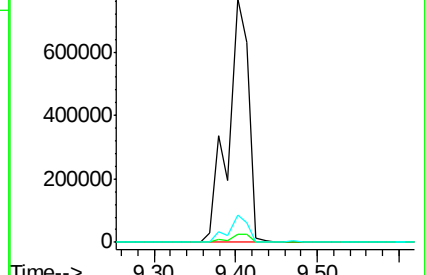
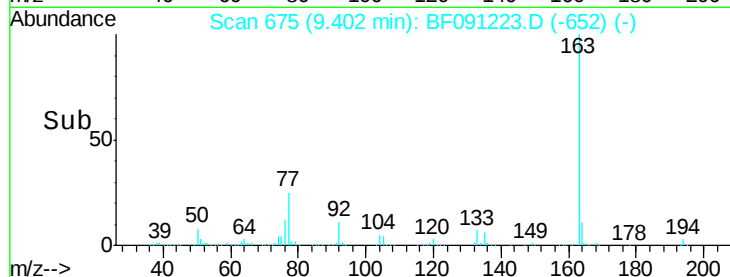
164 11.0 8.7 13.1



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: 49.28 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

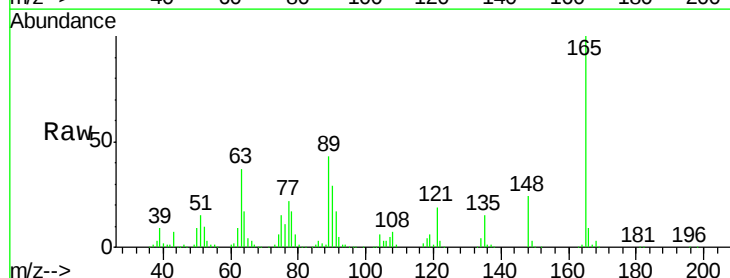
Tgt Ion:165 Resp: 338495

Ion Ratio Lower Upper

165 100

63 37.0 65.6 98.4#

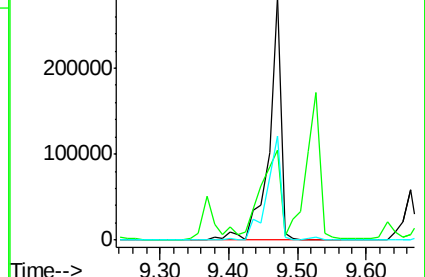
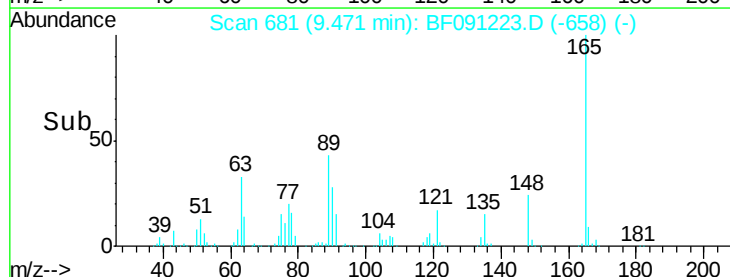
89 42.8 59.8 89.6#

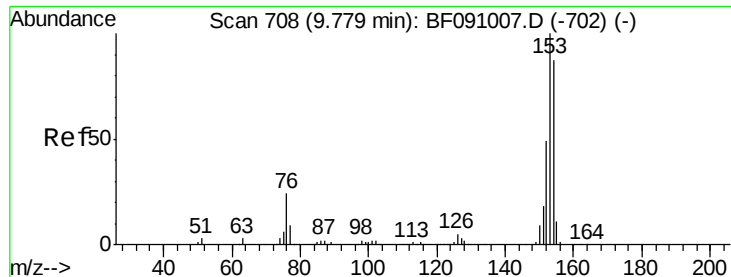


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.42 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

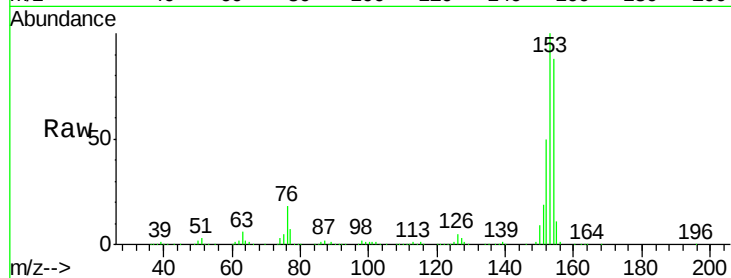
Tgt Ion:154 Resp: 1177883

Ion Ratio Lower Upper

154 100

153 114.0 91.6 137.4

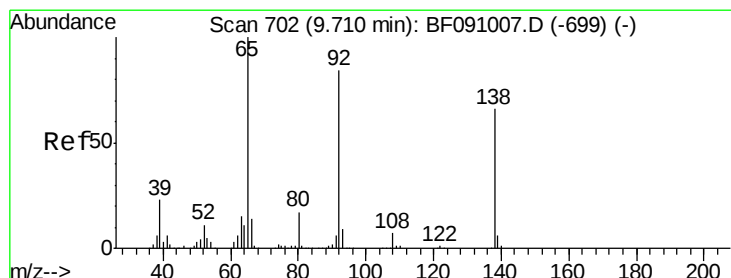
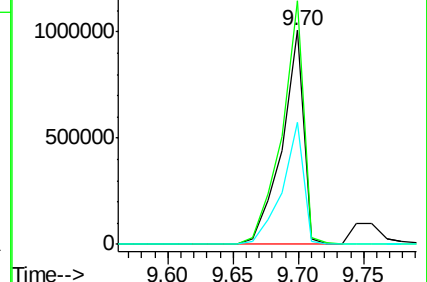
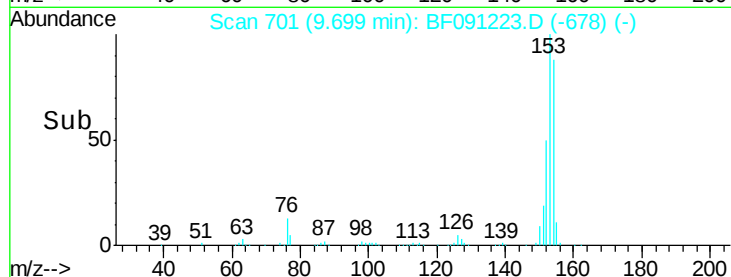
152 56.9 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.84 ng

RT: 9.63 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

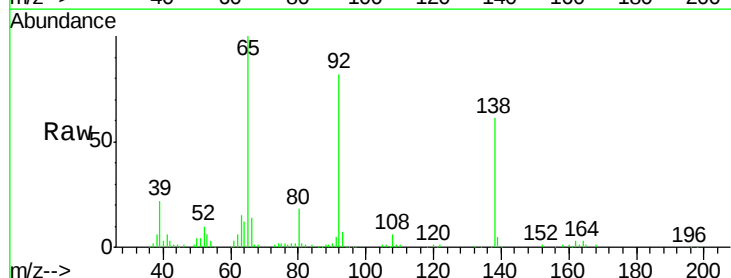
Tgt Ion:138 Resp: 137215

Ion Ratio Lower Upper

138 100

108 10.5 8.4 12.6

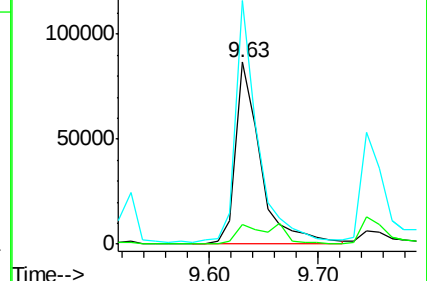
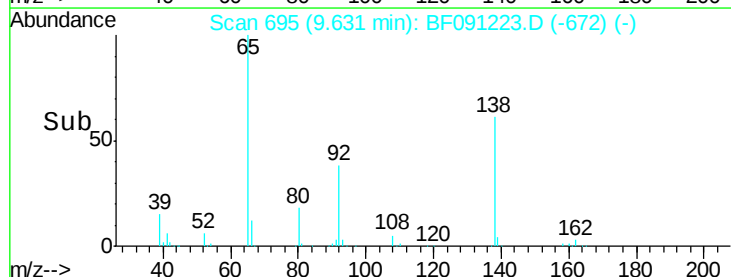
92 134.1 101.1 151.7

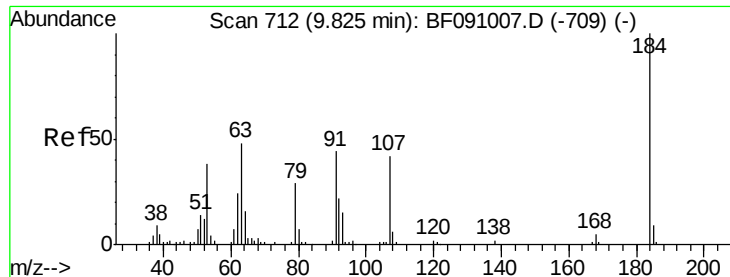


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

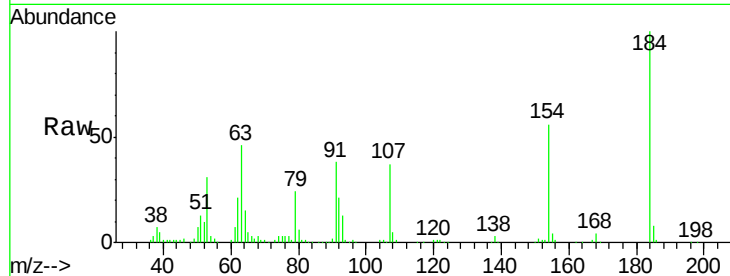




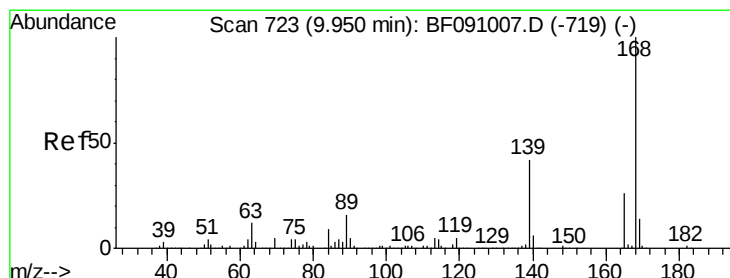
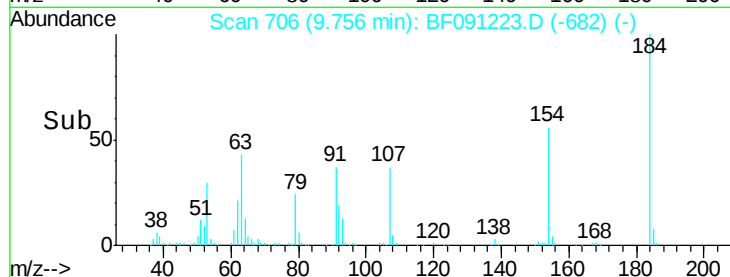
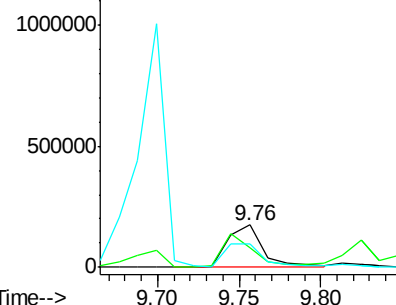
#53
2,4-Dinitrophenol
Concen: 71.88 ng
RT: 9.76 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tgt Ion:184 Resp: 266389
Ion Ratio Lower Upper
184 100
63 45.6 45.5 68.3
154 56.4 51.0 76.4

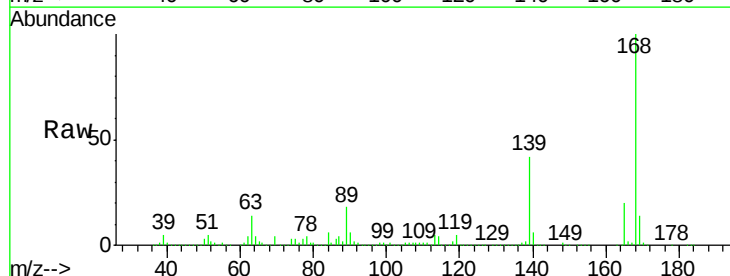


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

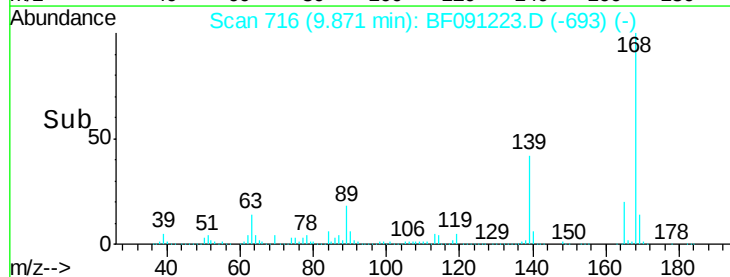
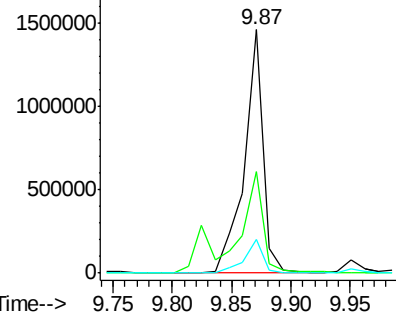


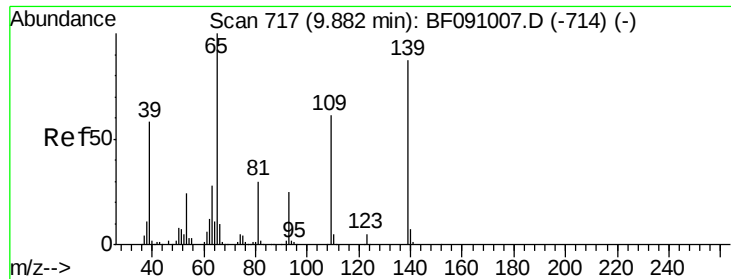
#54
Dibenzofuran
Concen: 45.38 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Tgt Ion:168 Resp: 1619578
Ion Ratio Lower Upper
168 100
139 41.6 34.8 52.2
169 14.0 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 53.50 ng

RT: 9.82 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

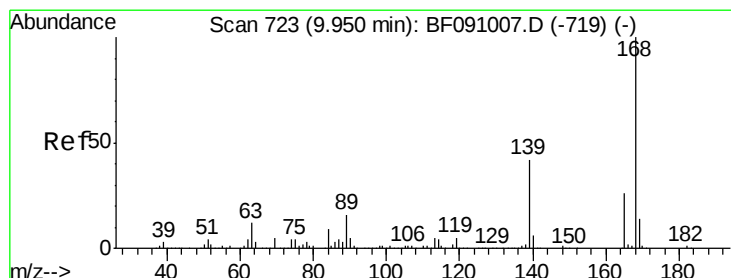
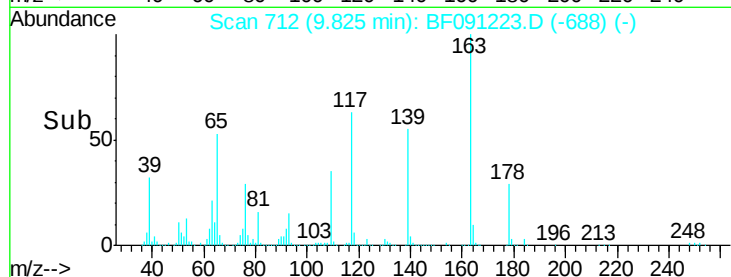
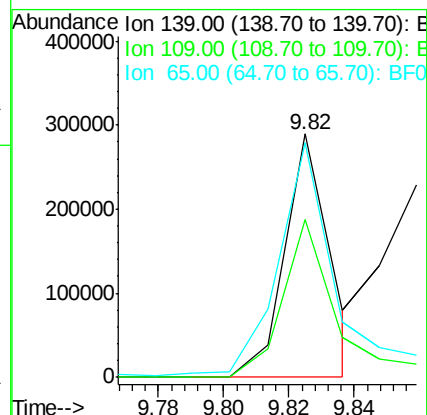
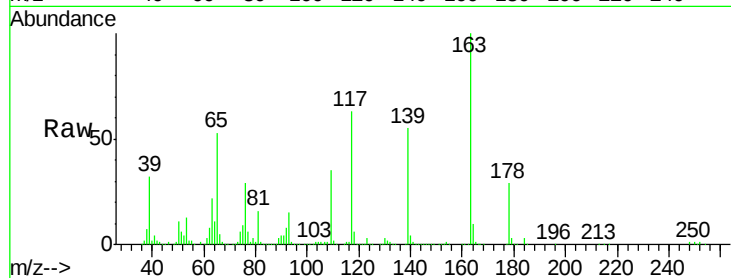
Tgt Ion:139 Resp: 279144

Ion Ratio Lower Upper

139 100

109 64.7 50.5 90.5

65 96.4 97.1 137.1#



#56

2,4-Dinitrotoluene

Concen: 42.38 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Tgt Ion:165 Resp: 370387

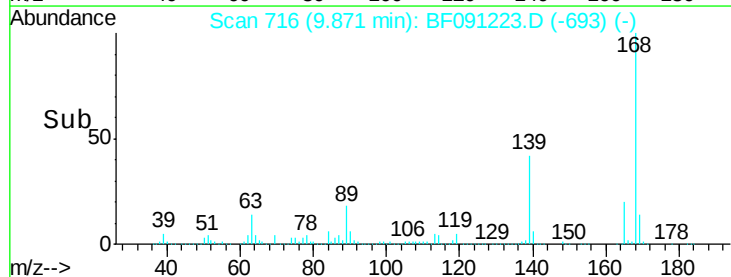
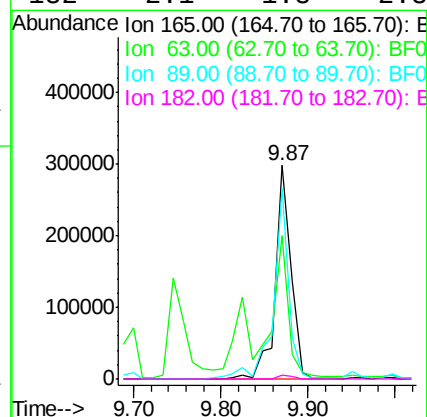
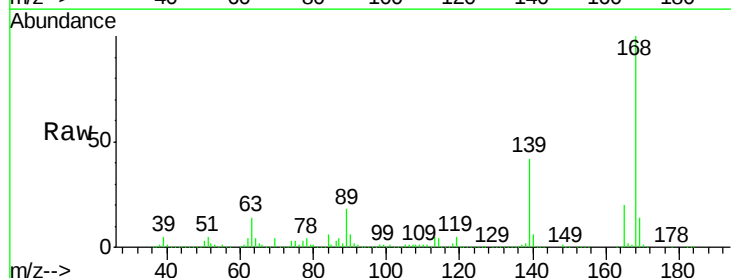
Ion Ratio Lower Upper

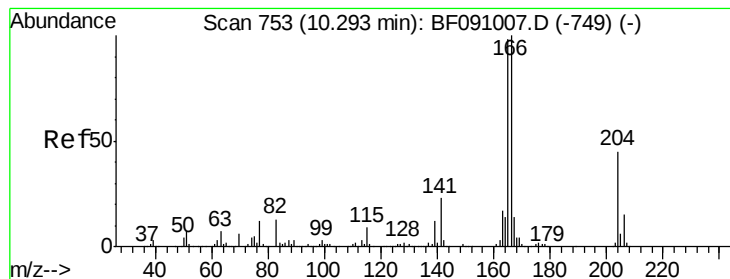
165 100

63 66.9 38.7 58.1#

89 89.6 50.6 76.0#

182 2.1 1.8 2.8





#57

Fluorene

Concen: 44.21 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

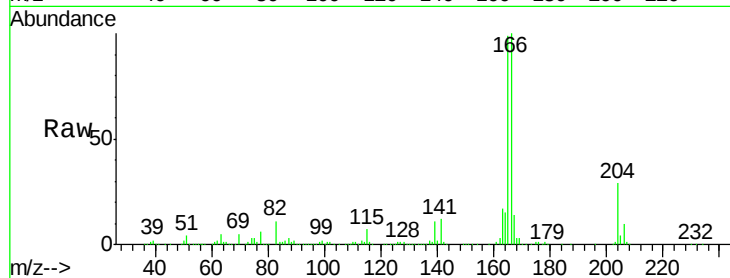
Tgt Ion:166 Resp: 1289856

Ion Ratio Lower Upper

166 100

165 99.2 78.6 118.0

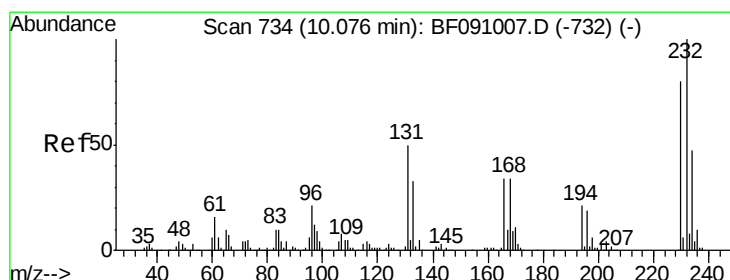
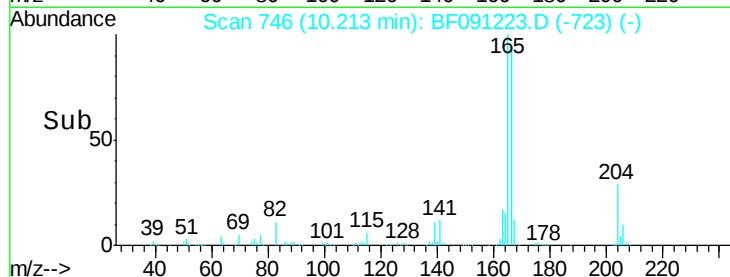
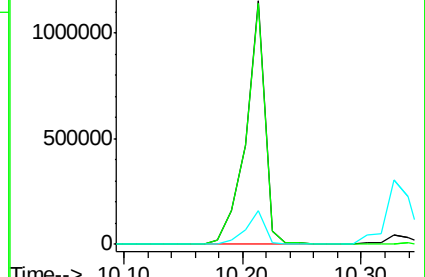
167 13.9 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.93 ng

RT: 10.00 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Tgt Ion:232 Resp: 330413

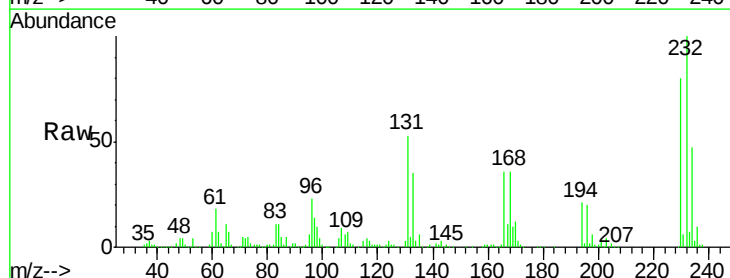
Ion Ratio Lower Upper

232 100

131 49.8 43.6 65.4

130 2.7 2.0 3.0

166 31.7 27.4 41.2

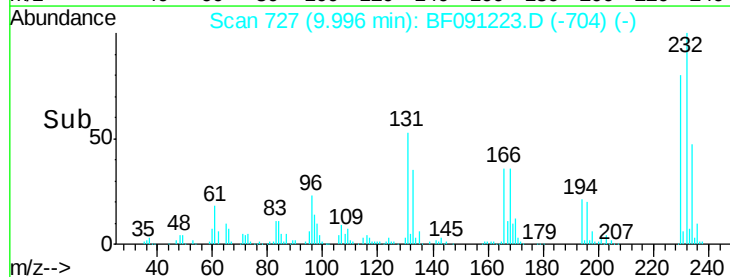
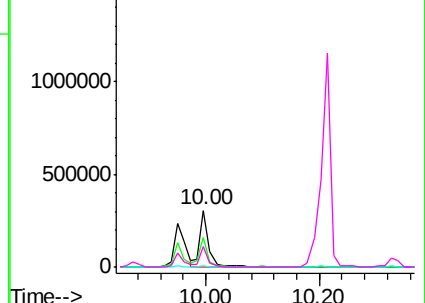


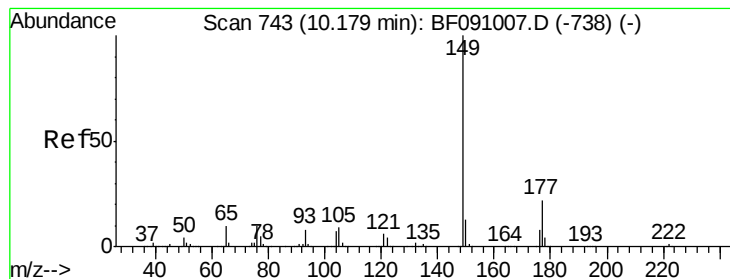
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.62 ng

RT: 10.10 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

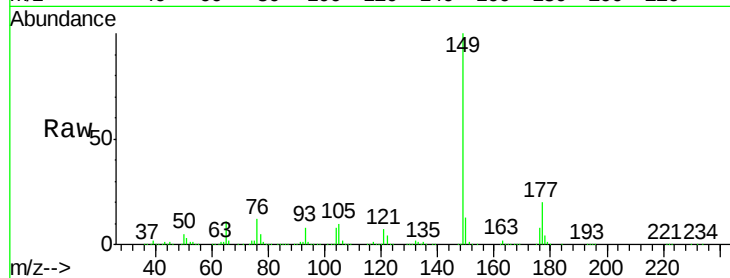
Tgt Ion:149 Resp: 1433514

Ion Ratio Lower Upper

149 100

177 19.8 17.3 25.9

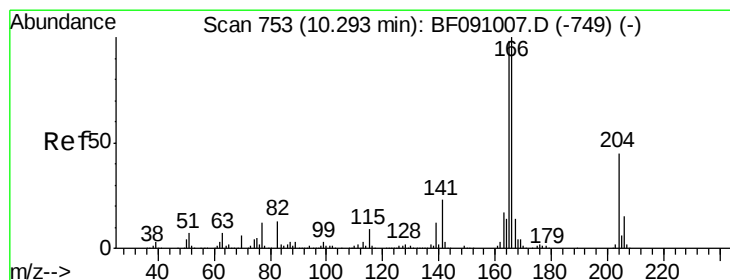
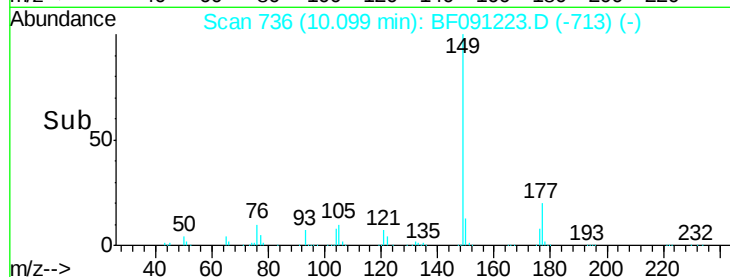
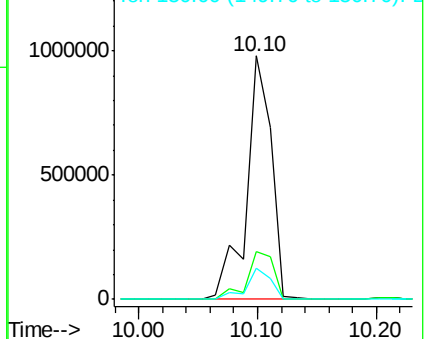
150 13.0 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.21 ng

RT: 10.20 min Scan# 745

Delta R.T. -0.05 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

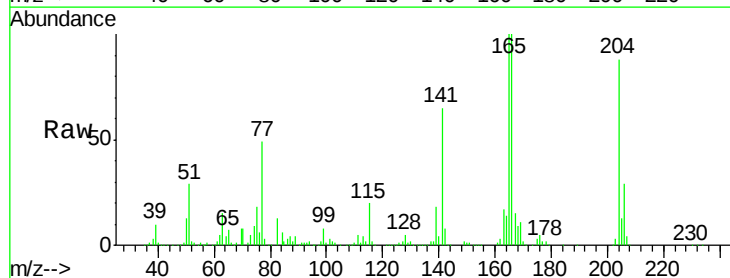
Tgt Ion:204 Resp: 586978

Ion Ratio Lower Upper

204 100

206 32.8 27.1 40.7

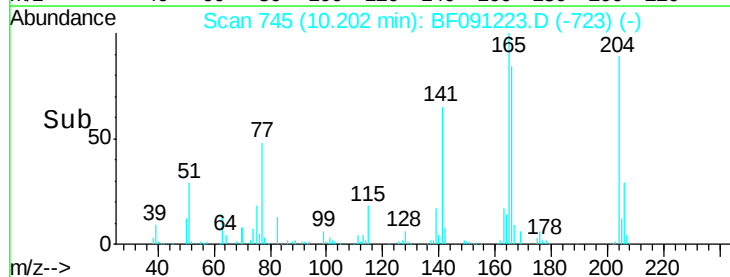
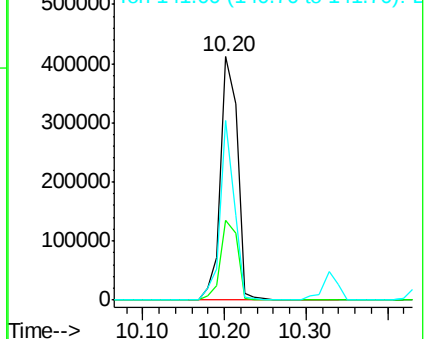
141 73.9 40.1 60.1#

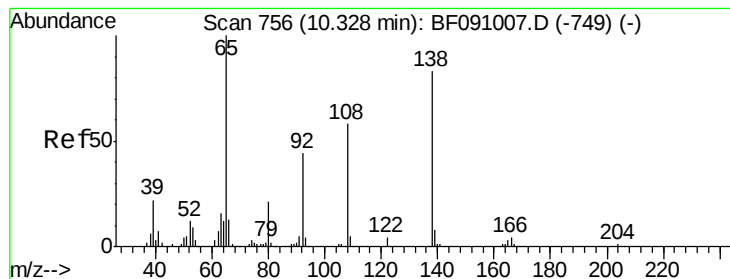


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.72 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

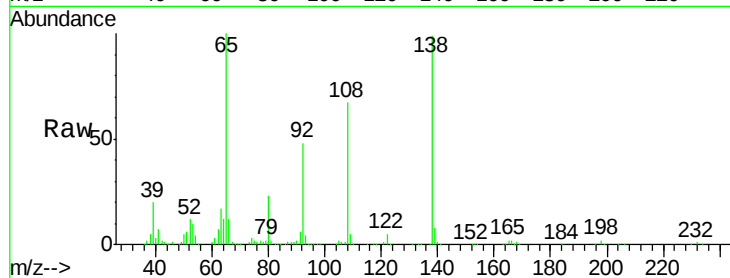
Tgt Ion:138 Resp: 319121

Ion Ratio Lower Upper

138 100

92 48.1 32.5 72.5

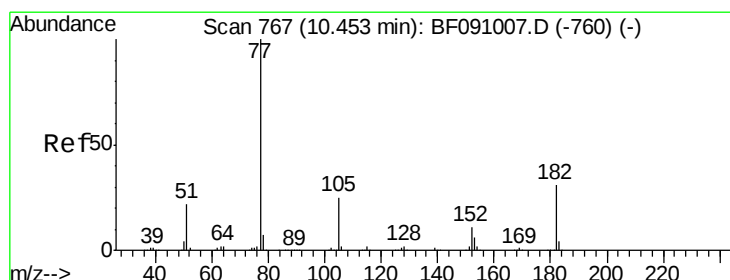
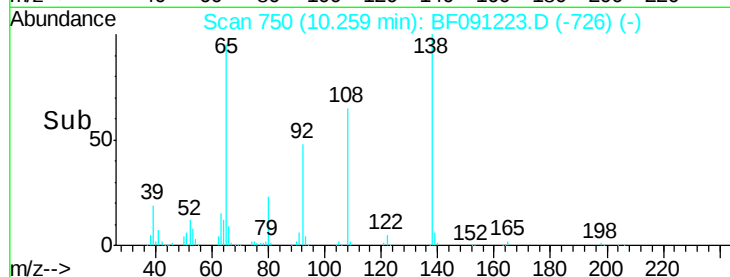
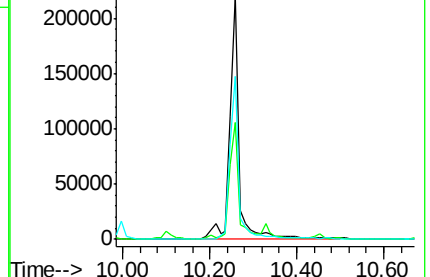
108 67.2 49.4 89.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.90 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Tgt Ion: 77 Resp: 1543507

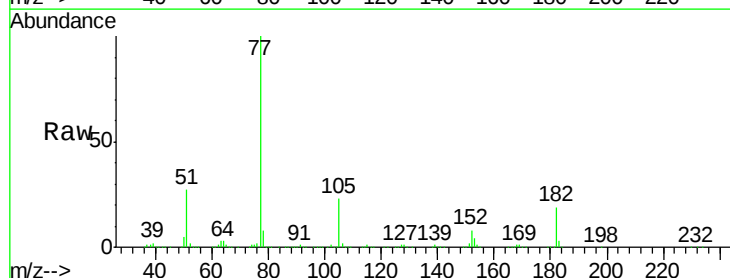
Ion Ratio Lower Upper

77 100

182 18.5 11.0 51.0

105 22.7 5.6 45.6

51 26.6 2.7 42.7

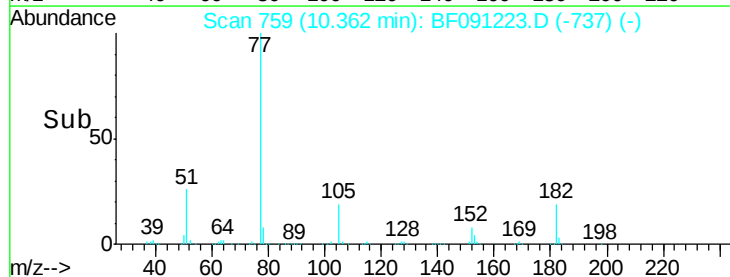
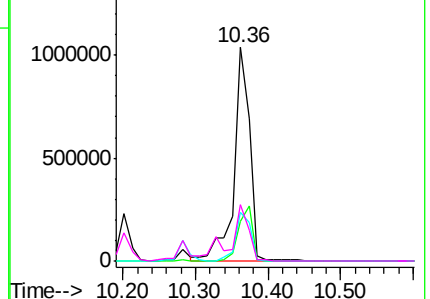


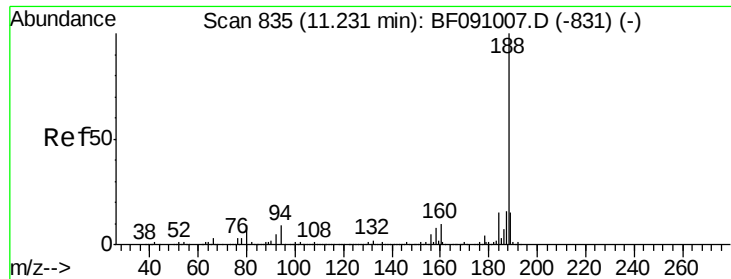
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

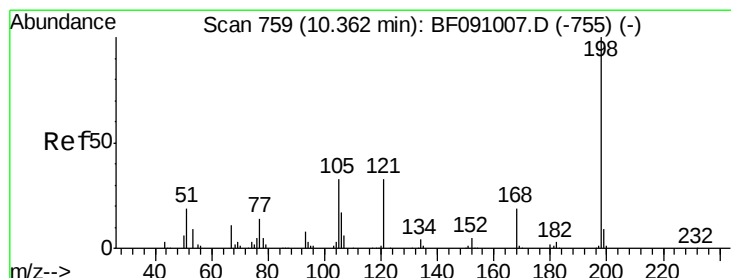
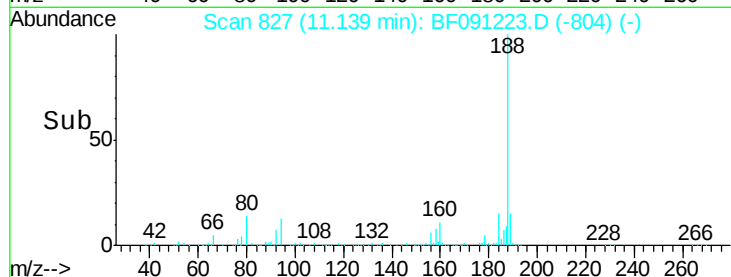
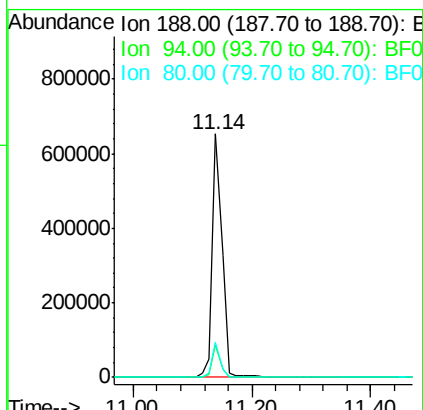
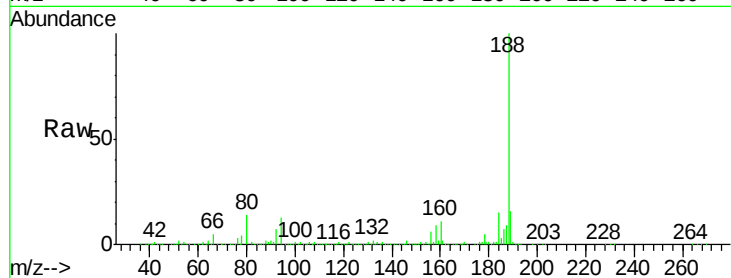




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

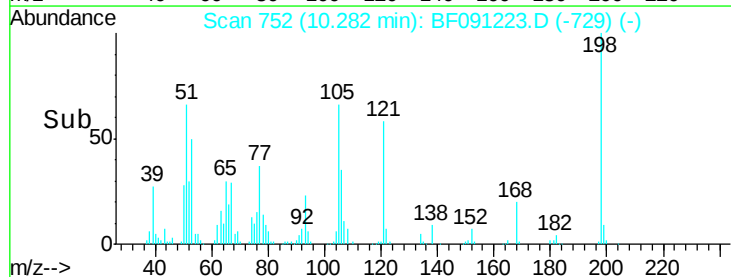
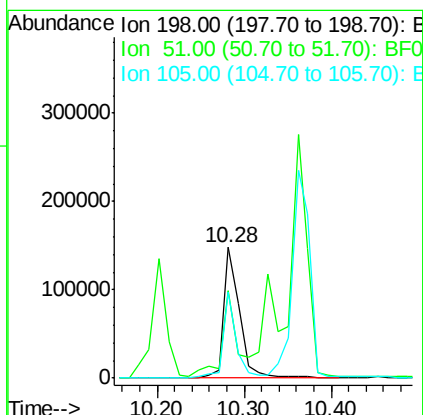
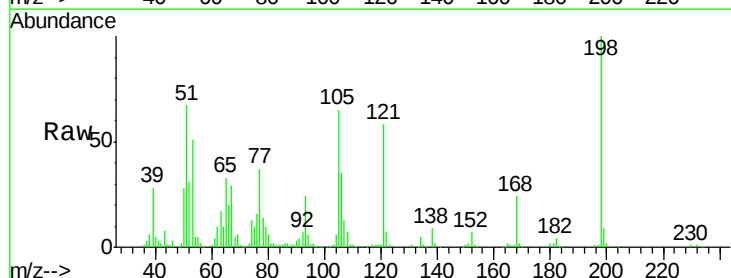
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

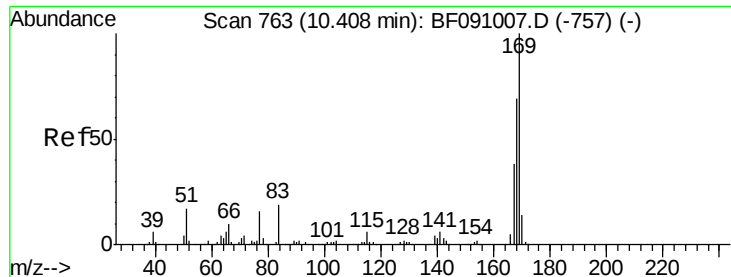
Tgt Ion:188 Resp: 739097
 Ion Ratio Lower Upper
 188 100
 94 13.1 7.0 10.4#
 80 14.5 7.5 11.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.20 ng
 RT: 10.28 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:198 Resp: 190977
 Ion Ratio Lower Upper
 198 100
 51 66.7 5.9 45.9#
 105 65.5 13.8 53.8#





#65

n-Nitrosodiphenylamine

Concen: 48.59 ng

RT: 10.33 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

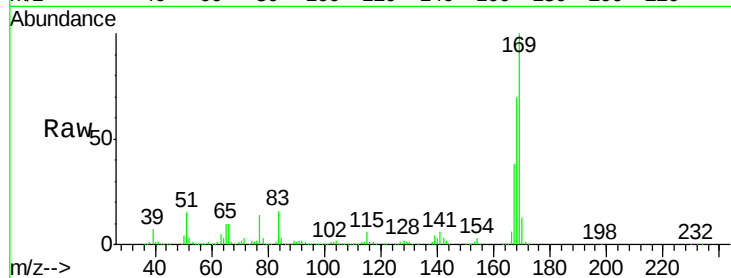
Tgt Ion:169 Resp: 1141460

Ion Ratio Lower Upper

169 100

168 69.5 55.3 82.9

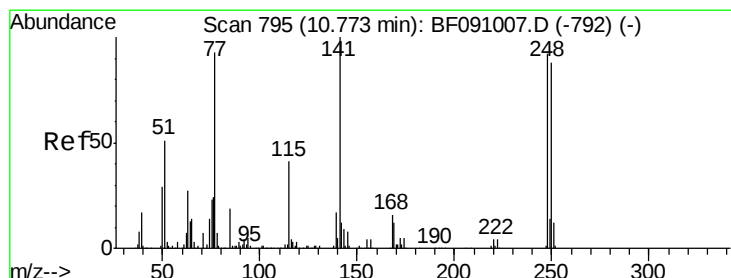
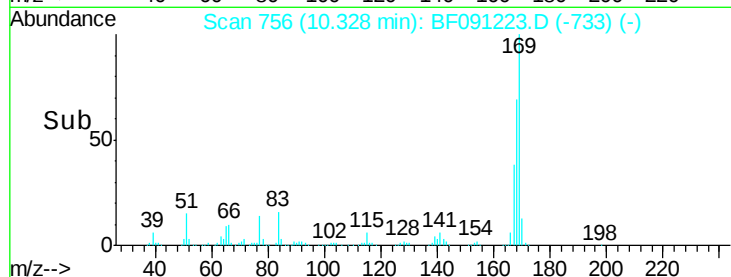
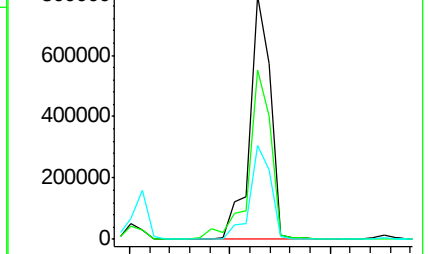
167 38.5 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.30 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

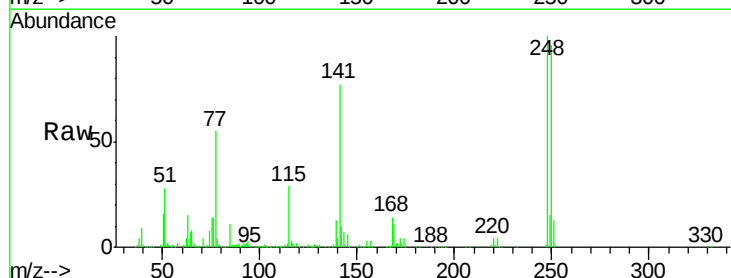
Tgt Ion:248 Resp: 394352

Ion Ratio Lower Upper

248 100

250 96.2 76.3 114.5

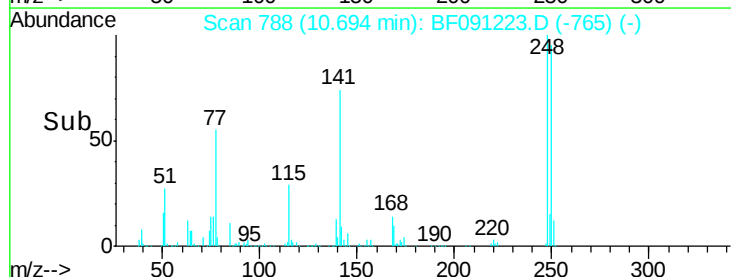
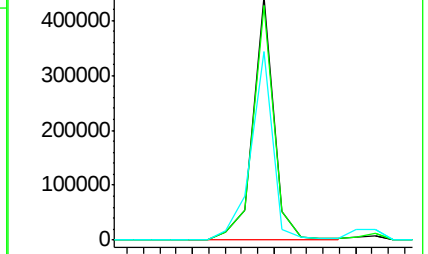
141 77.3 86.8 130.2#

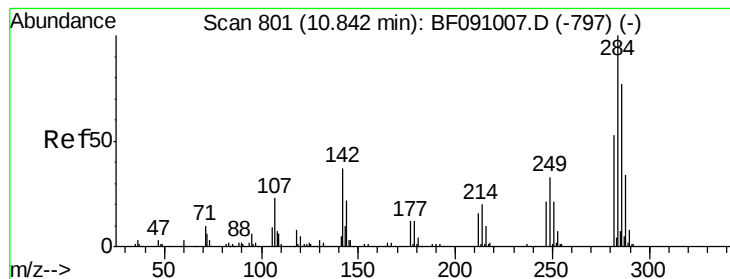


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 55.27 ng

RT: 10.76 min Scan# 794

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

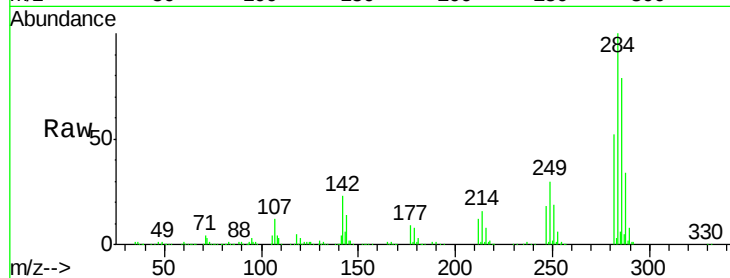
Tgt Ion:284 Resp: 468659

Ion Ratio Lower Upper

284 100

142 22.9 29.9 44.9#

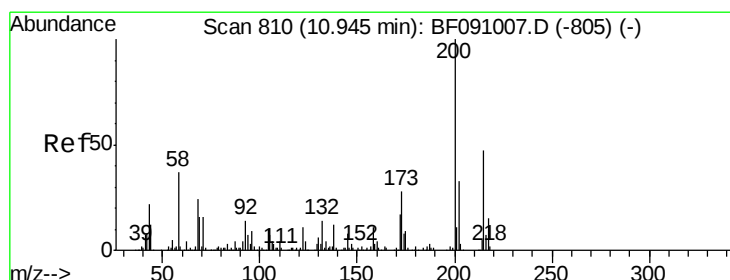
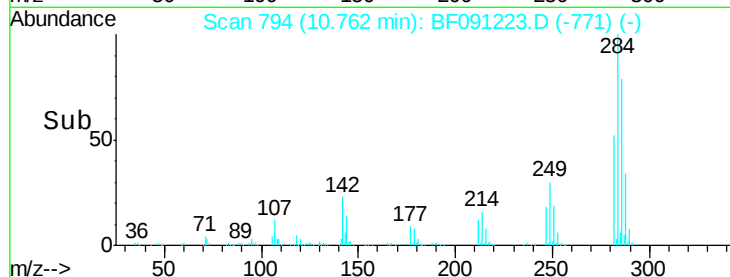
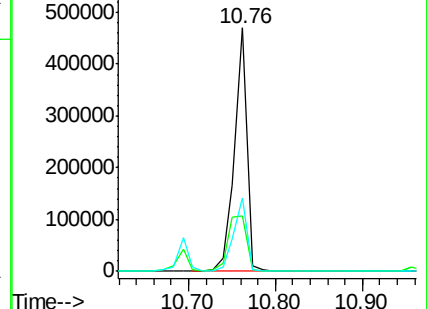
249 30.0 26.6 39.8



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: 47.63 ng

RT: 10.86 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

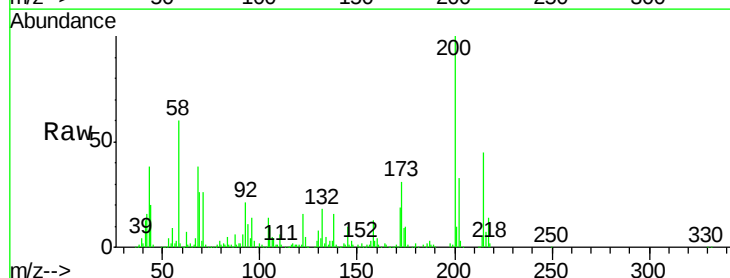
Tgt Ion:200 Resp: 322813

Ion Ratio Lower Upper

200 100

173 30.8 8.1 48.1

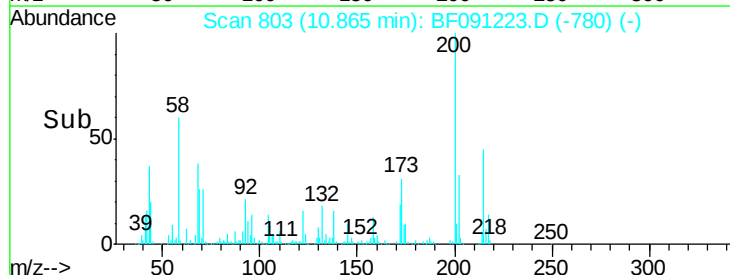
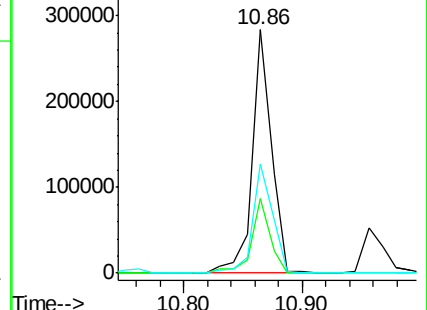
215 45.1 27.3 67.3

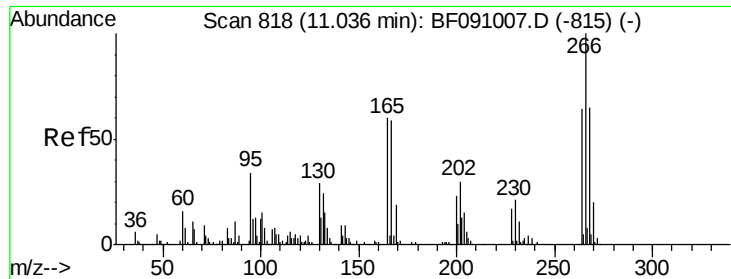


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

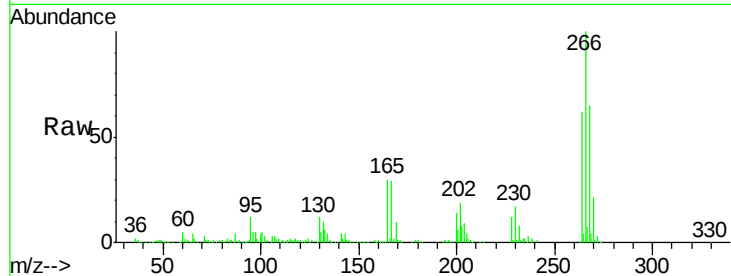




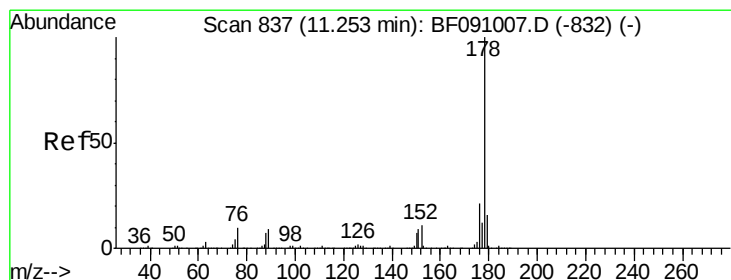
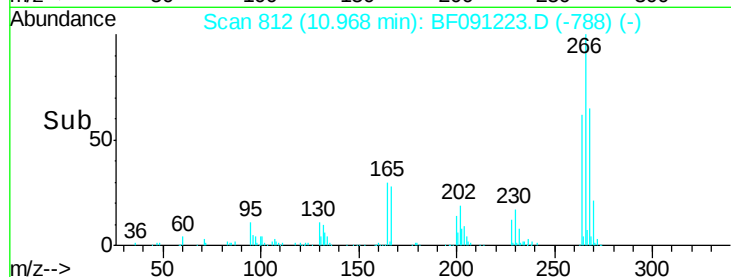
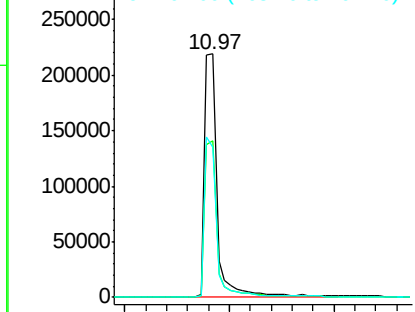
#69
 Pentachlorophenol
 Concen: 100.41 ng
 RT: 10.97 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tgt Ion:266 Resp: 377088
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.1 78.1
 264 61.9 51.1 76.7

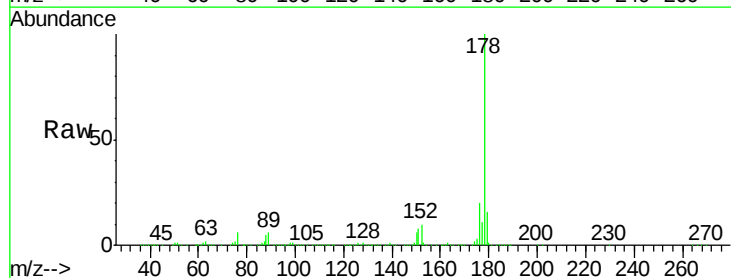


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

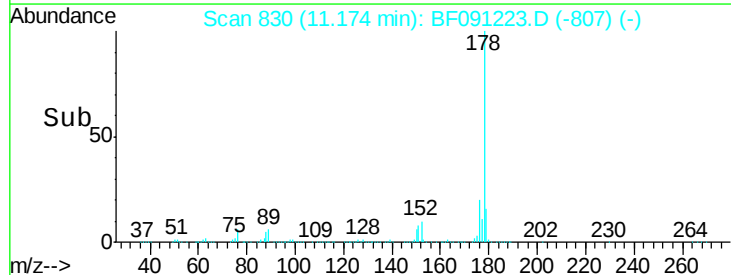
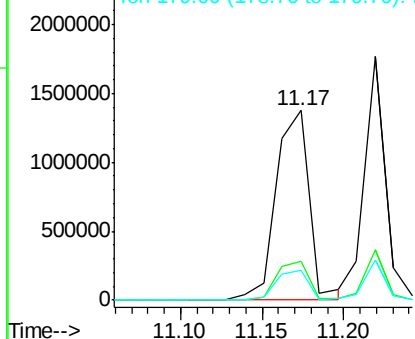


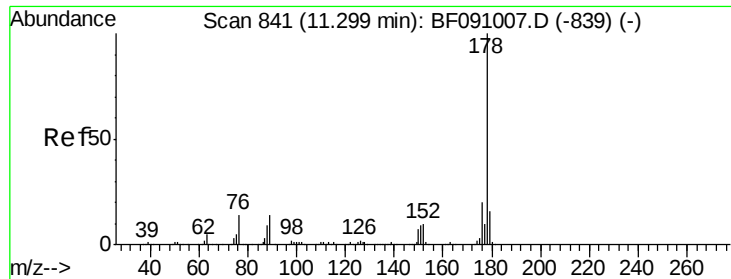
#70
 Phenanthrene
 Concen: 49.40 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:178 Resp: 1940884
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 15.6 12.9 19.3



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

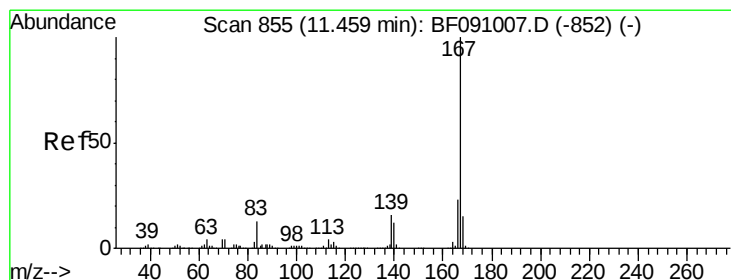
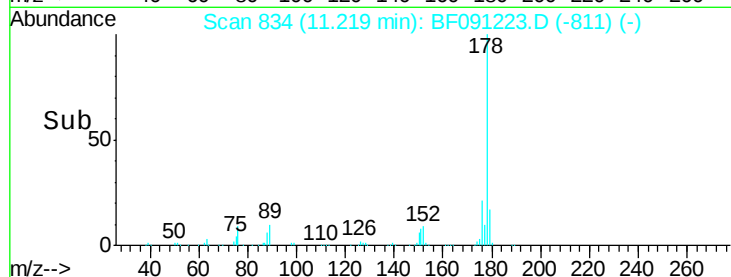
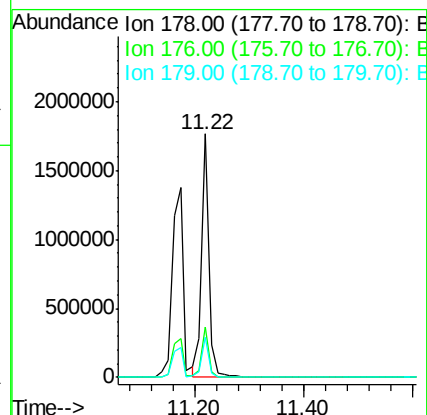
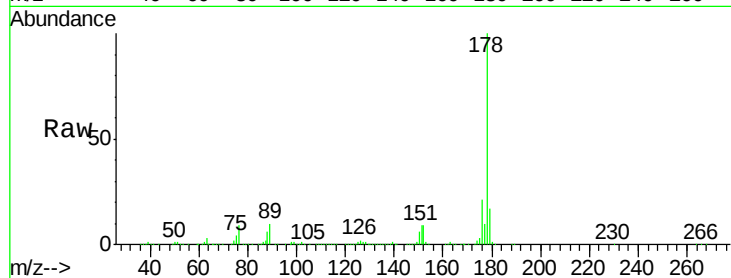




#71
 Anthracene
 Concen: 38.98 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

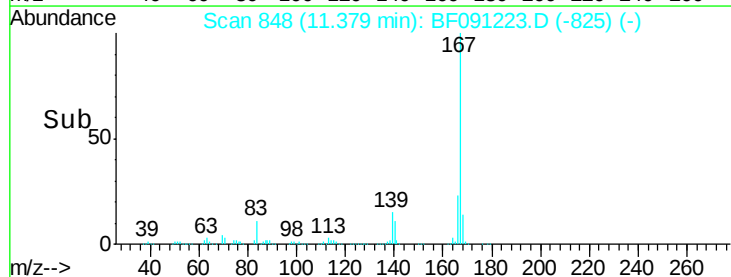
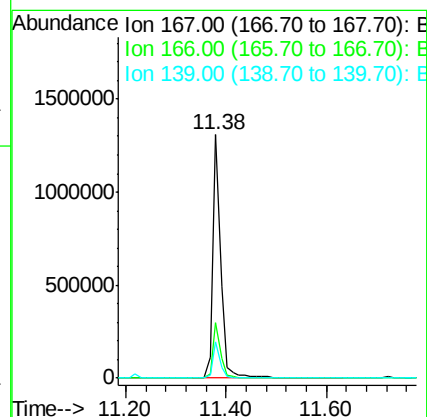
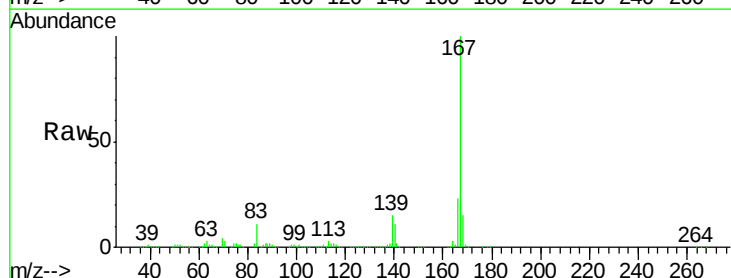
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

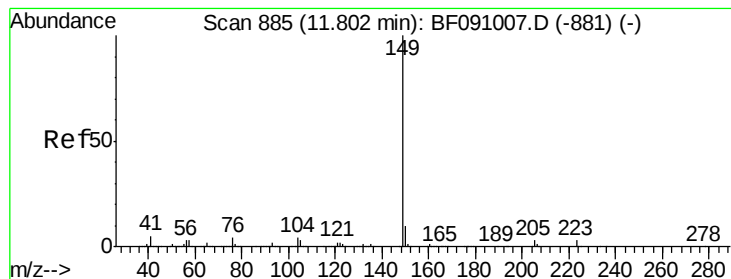
Tgt Ion:178 Resp: 1628305
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.0 24.0
 179 16.6 13.0 19.6



#72
 Carbazole
 Concen: 38.20 ng
 RT: 11.38 min Scan# 848
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:167 Resp: 1437848
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 14.9 12.6 18.8





#73

Di-n-butylphthalate

Concen: 43.03 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

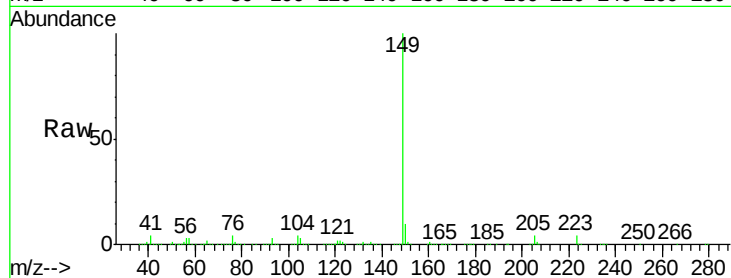
Tgt Ion:149 Resp: 2036949

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

104 4.4 3.6 5.4



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

2500000

2000000

1500000

1000000

500000

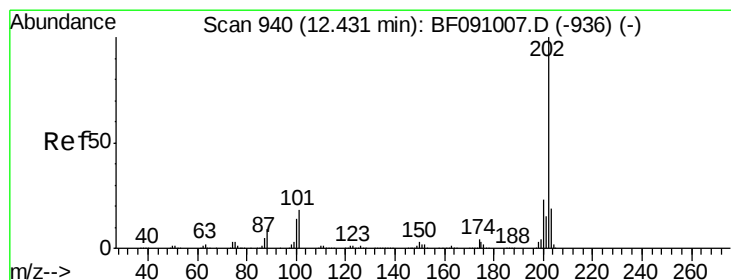
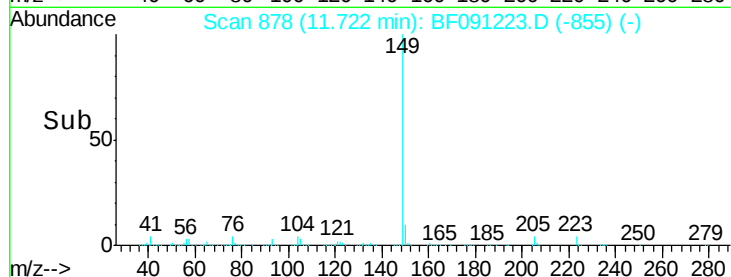
0

11.60

11.72

11.80

Time-->



#74

Fluoranthene

Concen: 40.65 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

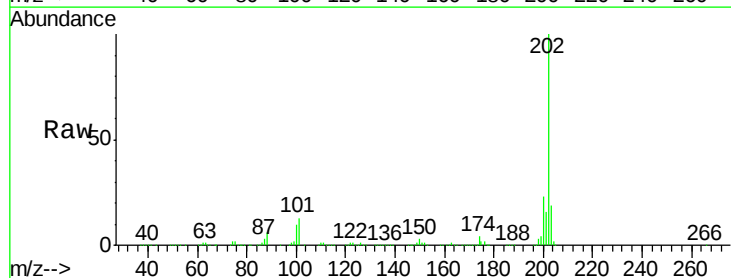
Tgt Ion:202 Resp: 1656353

Ion Ratio Lower Upper

202 100

101 12.8 0.0 37.6

203 19.1 0.0 38.6



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

2000000

1500000

1000000

500000

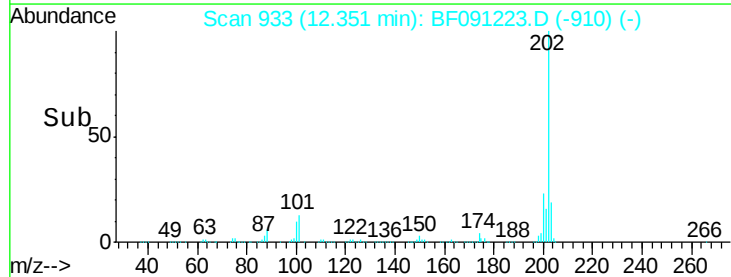
0

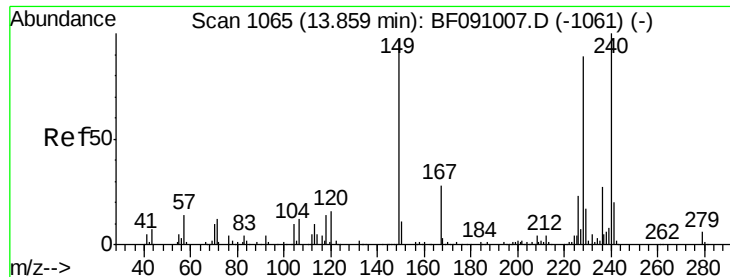
12.20

12.35

12.40

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

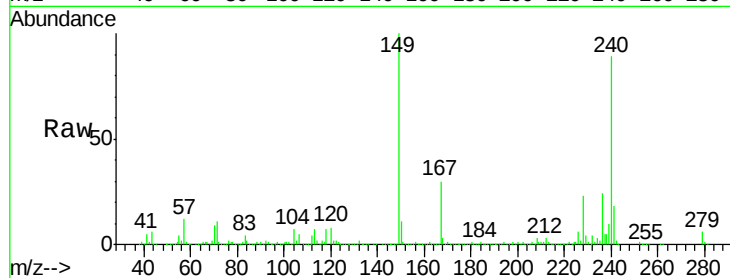
Tgt Ion:240 Resp: 528665

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

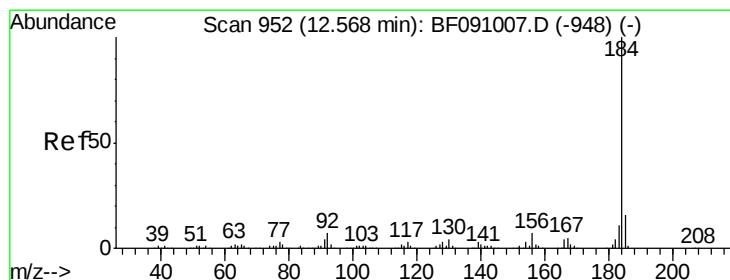
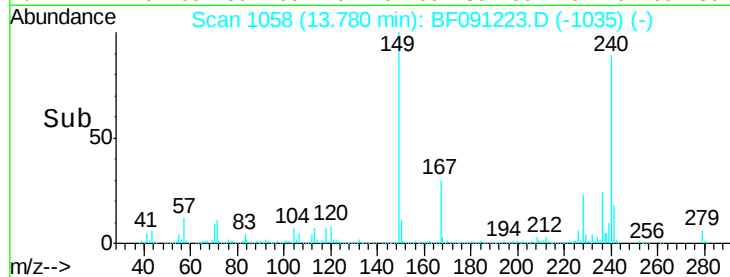
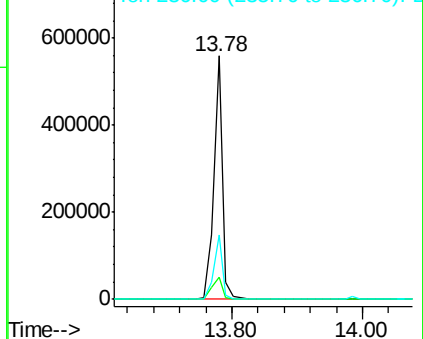
236 26.5 21.9 32.9



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: 7.82 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

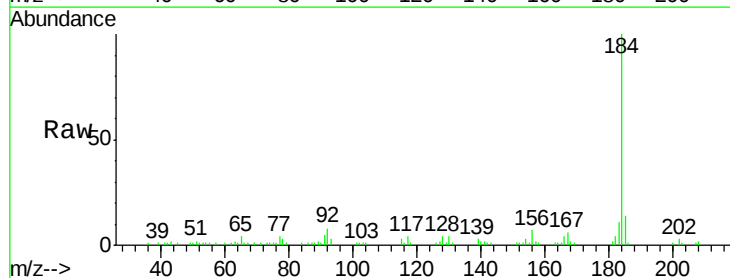
Tgt Ion:184 Resp: 92349

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.4

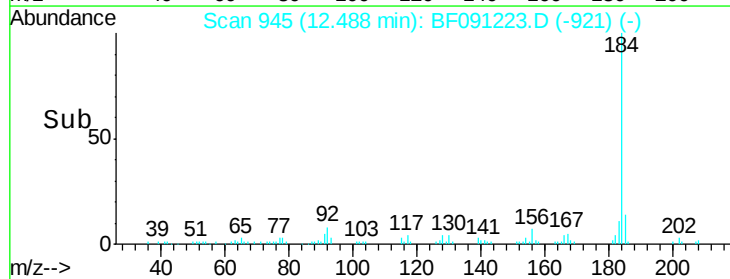
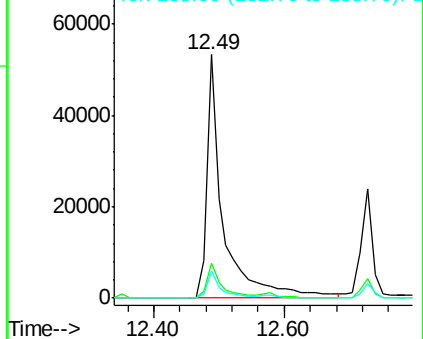
183 11.4 8.7 13.1



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

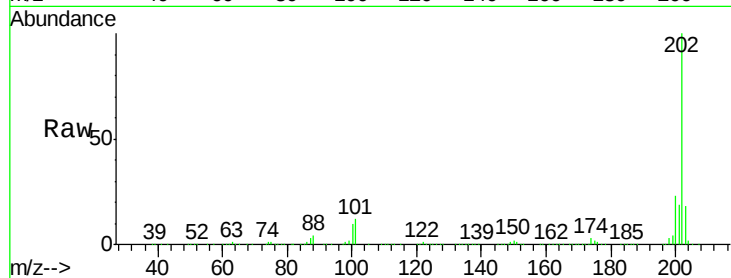




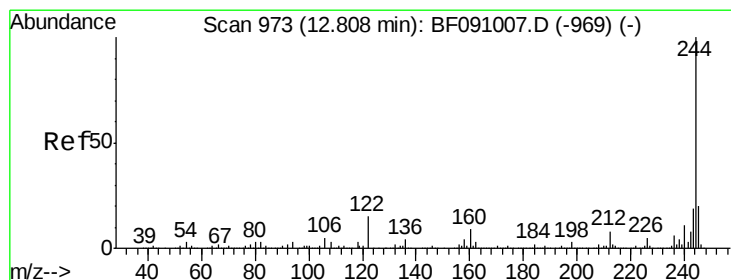
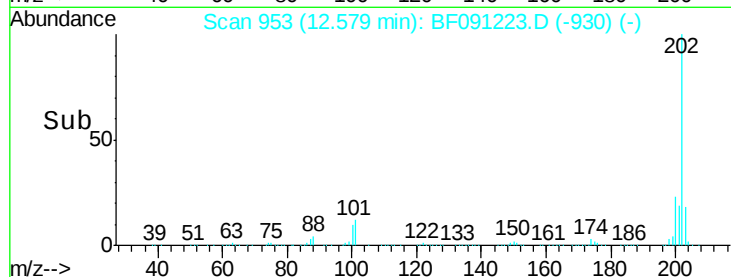
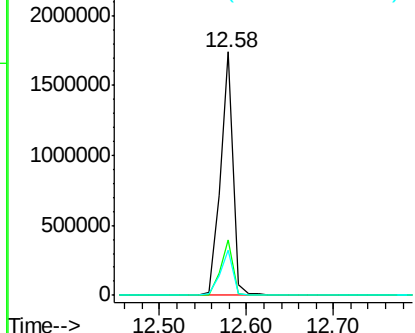
#77
 Pyrene
 Concen: 51.44 ng
 RT: 12.58 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tgt Ion:202 Resp: 1781036
 Ion Ratio Lower Upper
 202 100
 200 23.0 18.4 27.6
 203 18.5 15.0 22.6

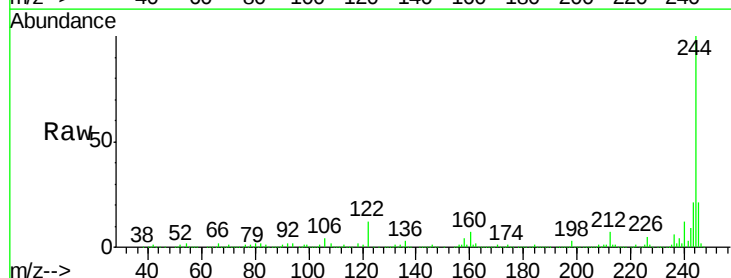


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

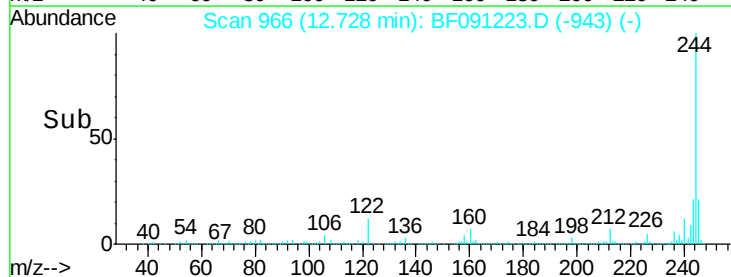
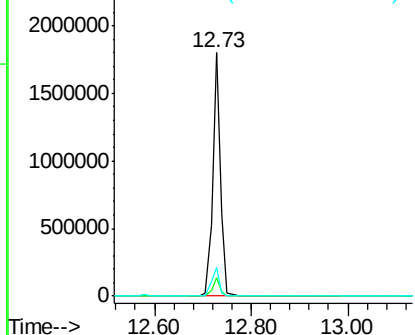


#78
 Terphenyl-d14
 Concen: 98.45 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:244 Resp: 2085646
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 11.7 12.3 18.5#



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

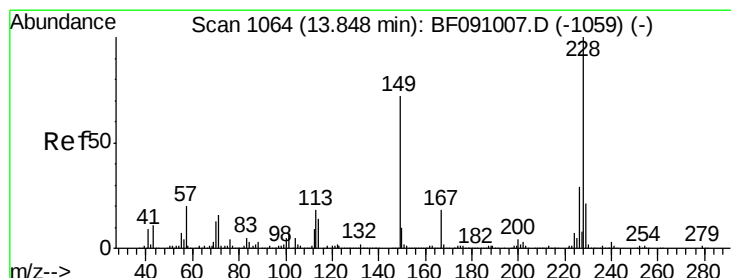
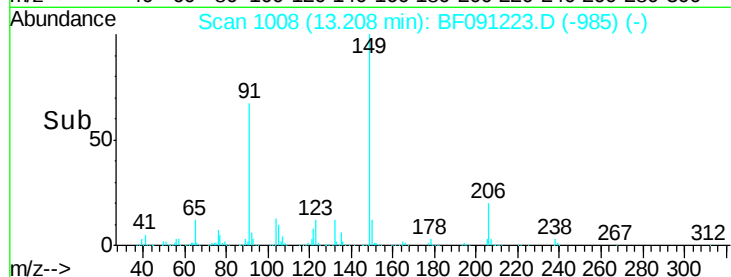
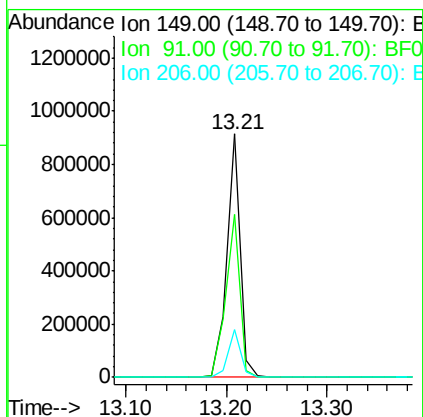
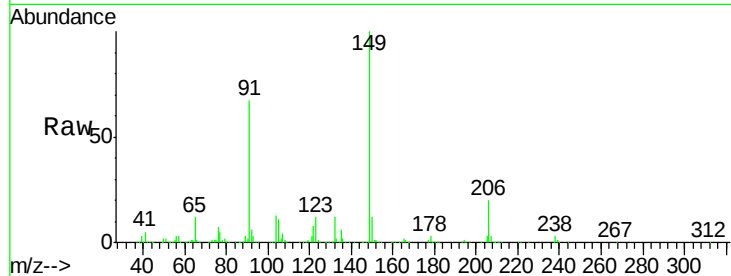




#79
Butylbenzylphthalate
Concen: 50.84 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

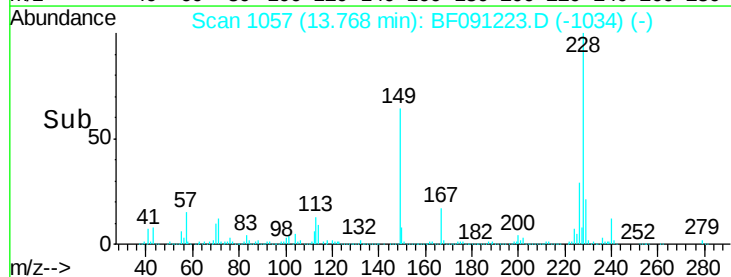
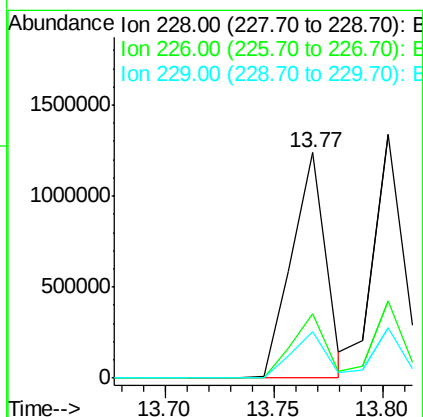
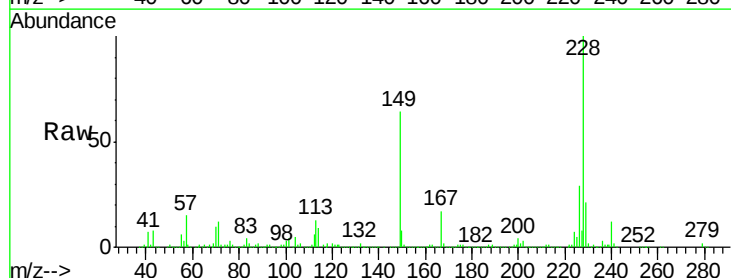
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

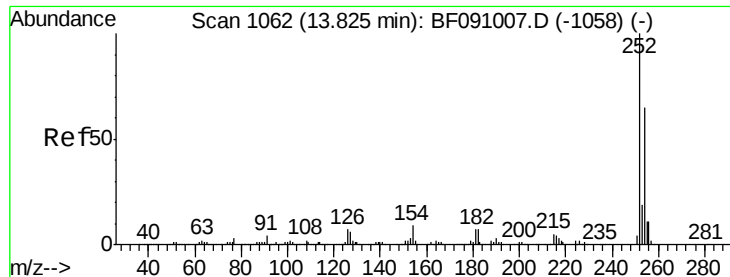
Tgt Ion:149 Resp: 841962
Ion Ratio Lower Upper
149 100
91 66.7 65.0 97.4
206 19.7 12.5 18.7#



#80
Benzo(a)anthracene
Concen: 45.08 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Tgt Ion:228 Resp: 1353168
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.6
229 20.5 16.6 24.8

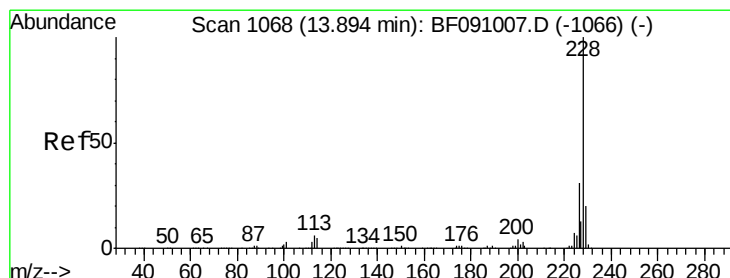
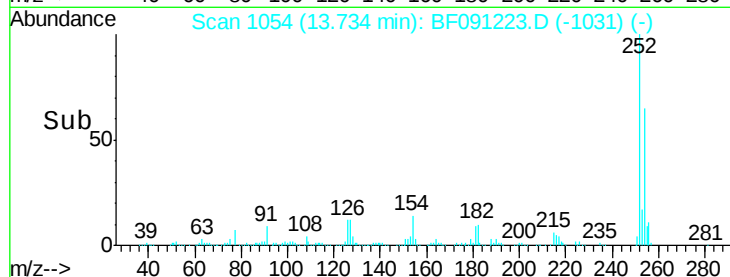
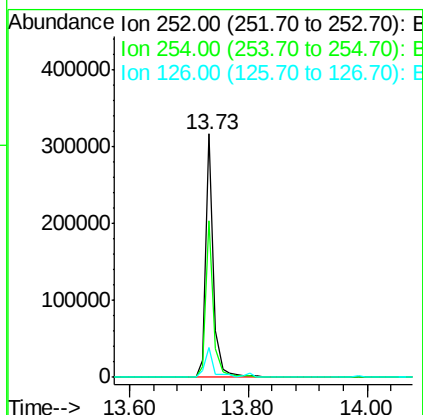
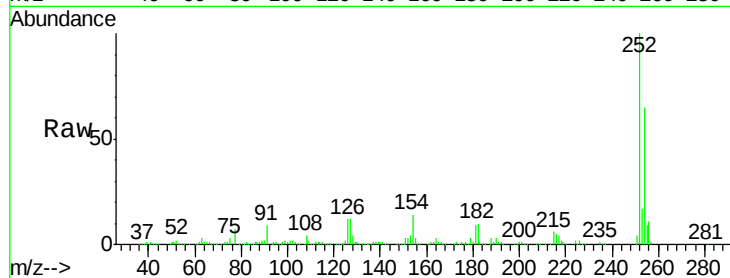




#81
 3,3'-Dichlorobenzidine
 Concen: 28.19 ng
 RT: 13.73 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

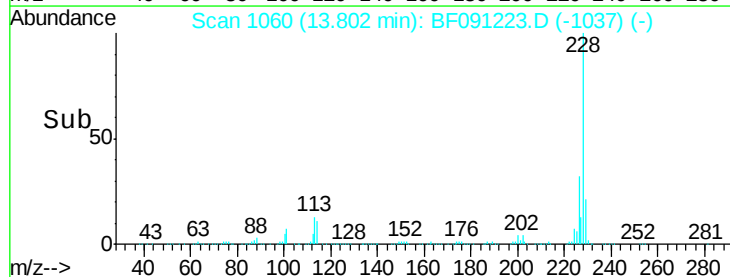
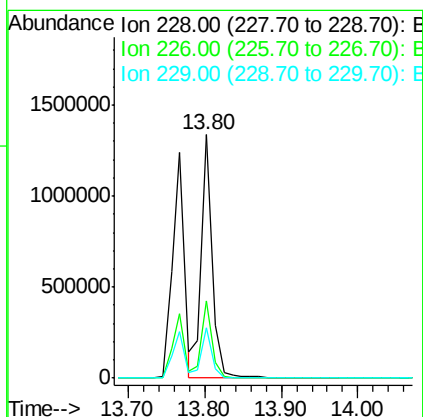
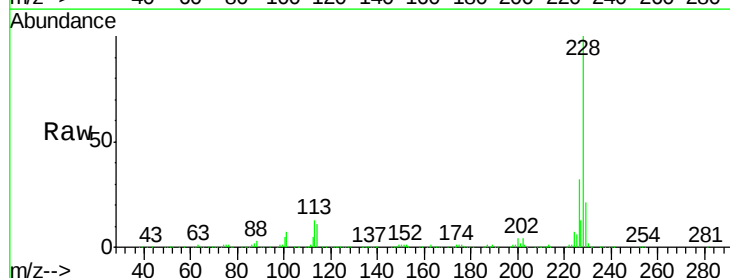
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tgt Ion:252 Resp: 297327
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.0 78.0
 126 12.5 5.4 8.2#



#82
 Chrysene
 Concen: 44.16 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:228 Resp: 1306962
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 20.8 15.9 23.9

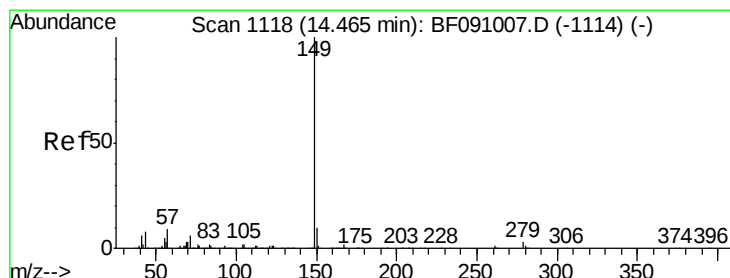
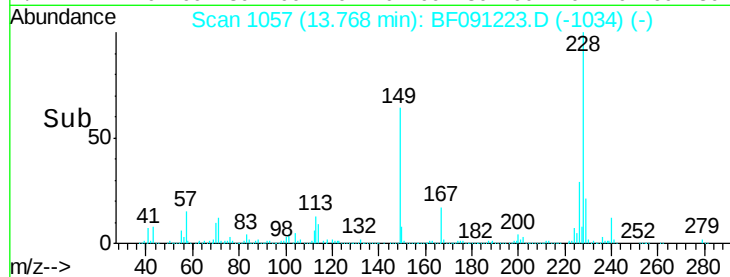
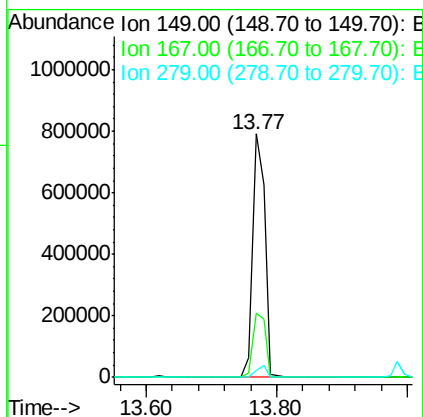
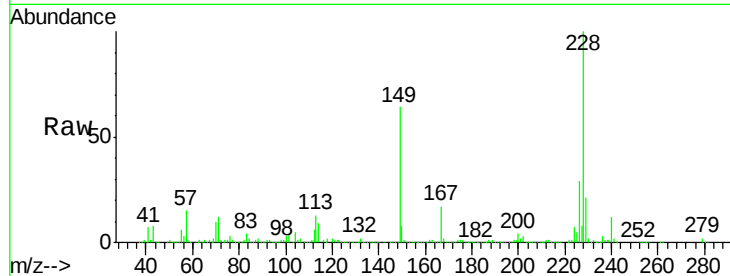




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.25 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

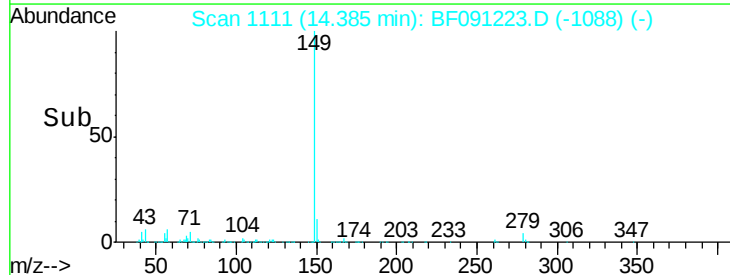
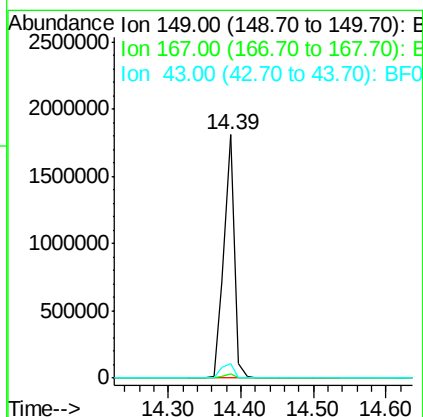
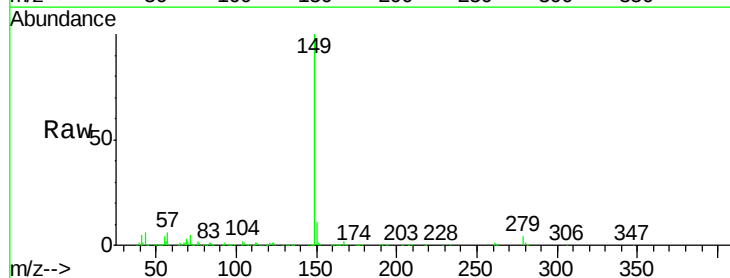
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

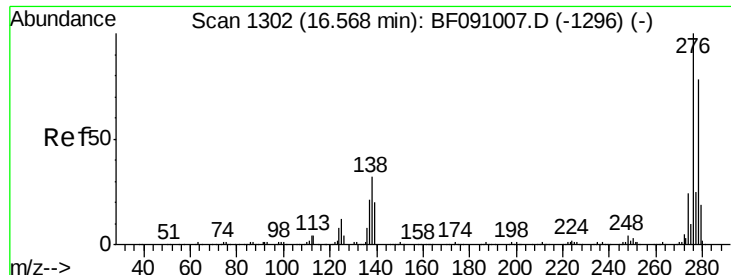
Tgt Ion:149 Resp: 1036491
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.4 30.6
 279 2.7 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 49.61 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion:149 Resp: 1828009
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 7.6 8.2 12.4#

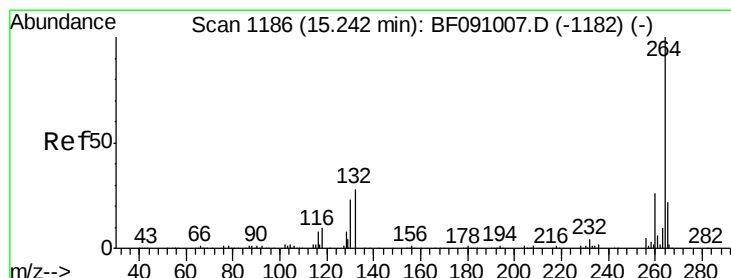
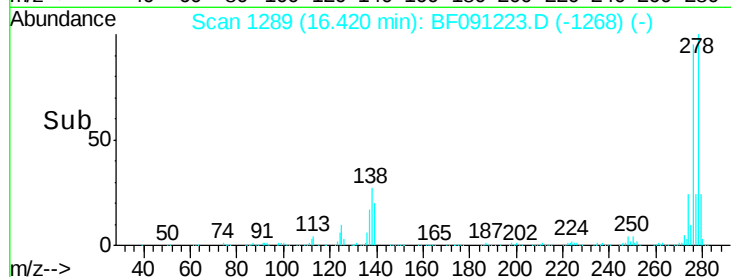
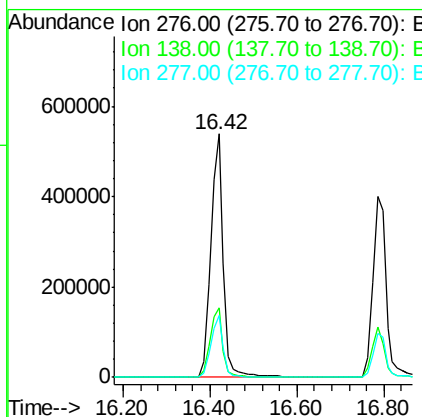
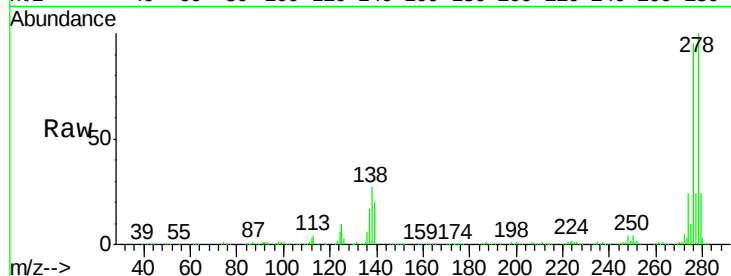




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.72 ng
 RT: 16.42 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

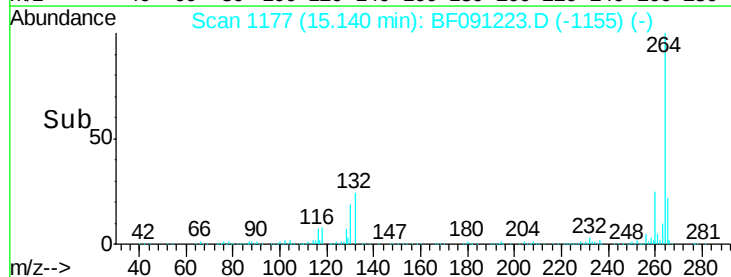
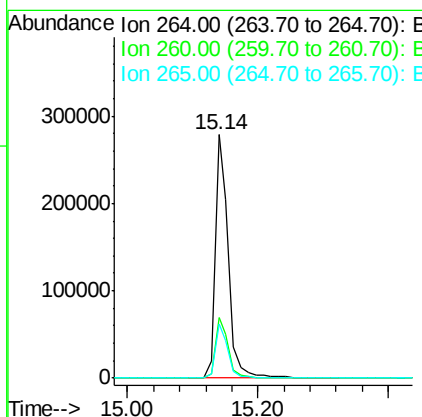
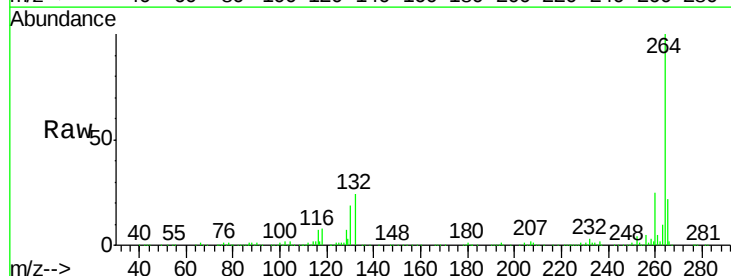
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

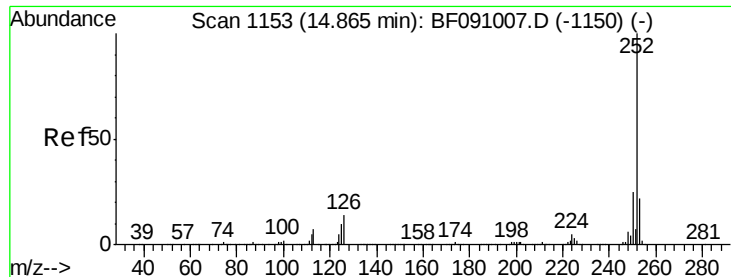
Tgt Ion: 276 Resp: 1098314
 Ion Ratio Lower Upper
 276 100
 138 29.2 26.0 39.0
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion: 264 Resp: 393494
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 30.8
 265 22.0 17.8 26.8

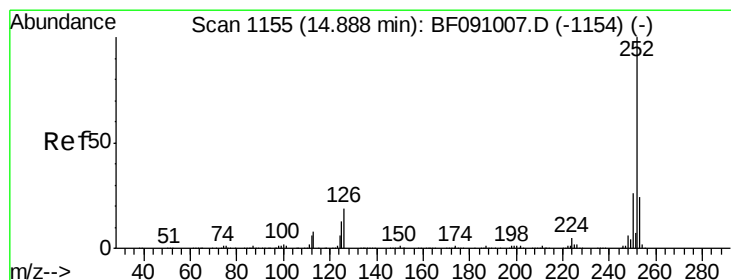
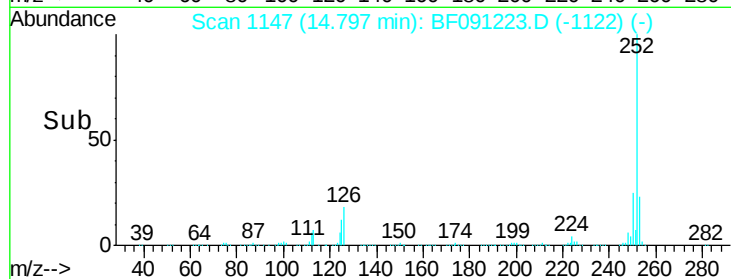
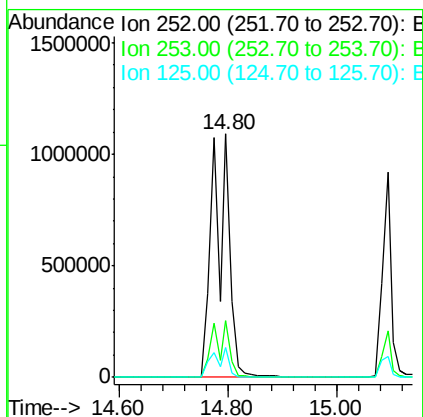
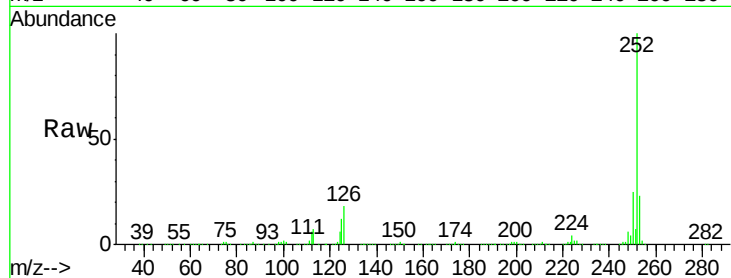




#87
Benzo(b)fluoranthene
Concen: 86.36 ng
RT: 14.80 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

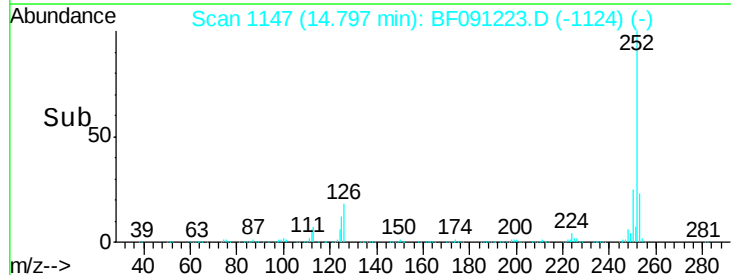
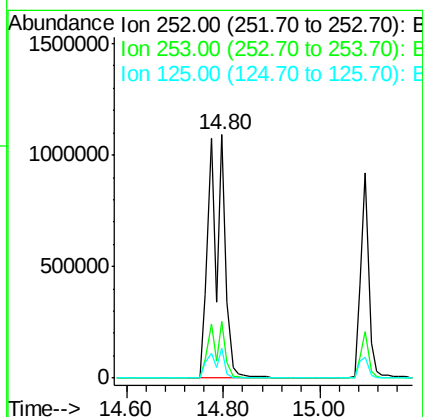
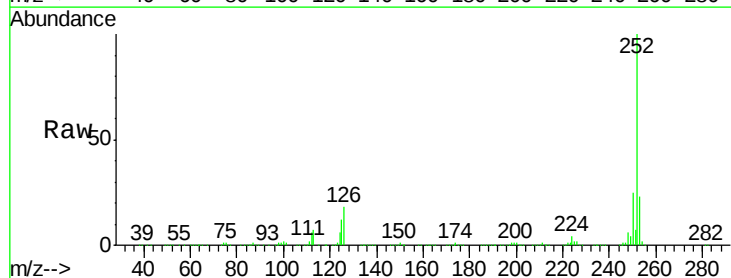
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

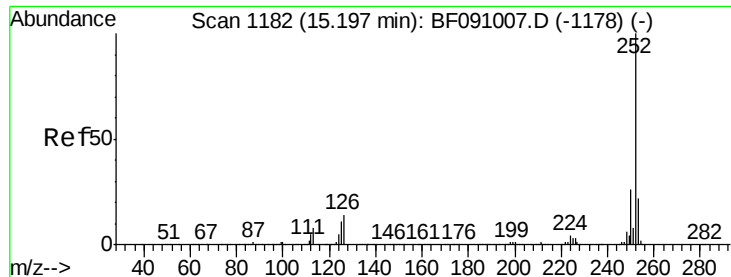
Tgt Ion:252 Resp: 2304733
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 12.3 8.3 12.5



#88
Benzo(k)fluoranthene
Concen: 98.57 ng
RT: 14.80 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Tgt Ion:252 Resp: 2307718
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 12.3 11.2 16.8





#89

Benzo(a)pyrene

Concen: 46.74 ng

RT: 15.09 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

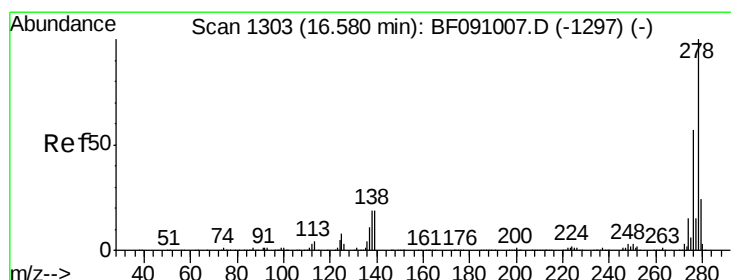
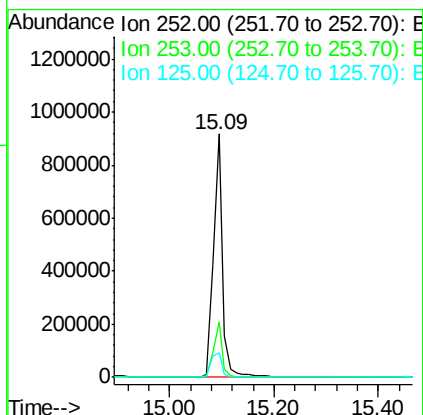
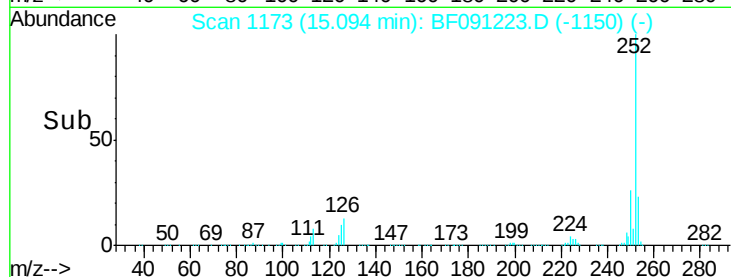
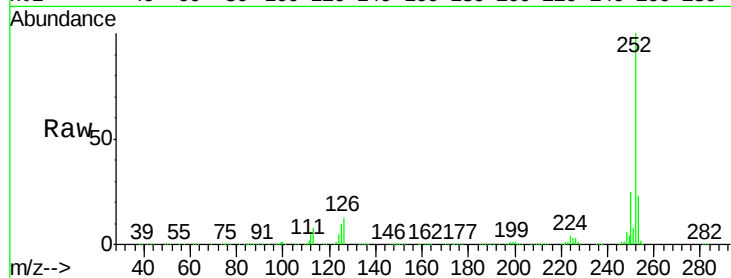
Tgt Ion:252 Resp: 1085887

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 10.4 8.6 13.0



#90

Dibenzo(a,h)anthracene

Concen: 46.90 ng

RT: 16.42 min Scan# 1289

Delta R.T. -0.07 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

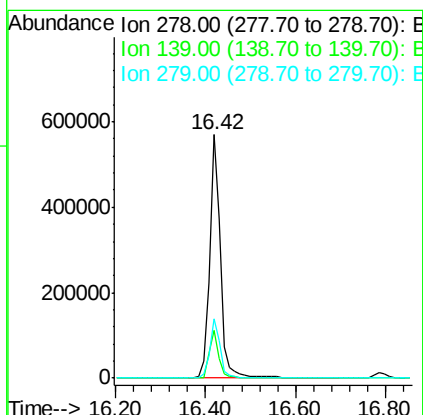
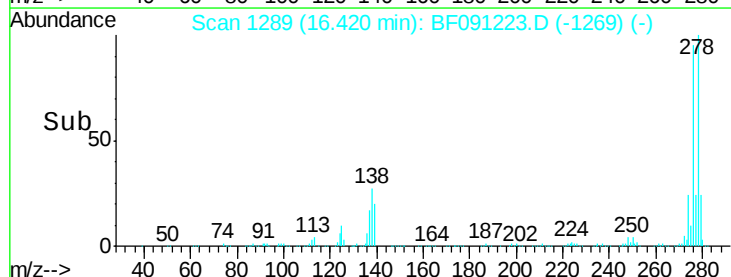
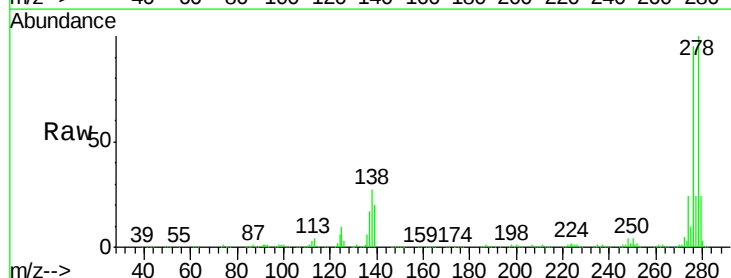
Tgt Ion:278 Resp: 941940

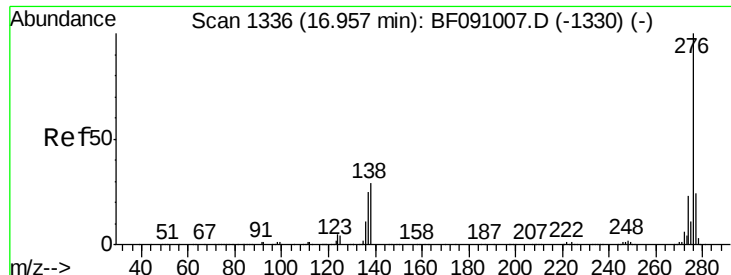
Ion Ratio Lower Upper

278 100

139 19.5 15.3 22.9

279 24.3 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 46.93 ng

RT: 16.79 min Scan# 1321

Delta R.T. -0.07 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

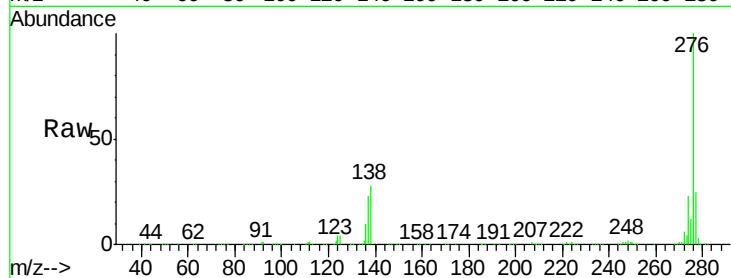
Tgt Ion: 276 Resp: 852502

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 27.6 23.3 34.9



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

