

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 10:39:35 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	376155m	22.53	ng	
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	119540m	38.04	ng	
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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	349047	43.38	nq	96
43) 2,4,5-Trichlorophenol	8.97	196	413764	48.98	nq	97
45) 1,1'-Biphenyl	9.09	154	1478434	41.42	nq	97
46) 2-Chloronaphthalene	9.12	162	1165245	43.00	nq	96
47) 2-Nitroaniline	9.22	65	320692	31.89	nq	96
48) Acenaphthylene	9.53	152	1724451	40.83	nq	100
49) Dimethylphthalate	9.40	163	1362238	42.50	nq	100
50) 2,6-Dinitrotoluene	9.47	165	338495	49.28	nq	# 56
51) Acenaphthene	9.70	154	1177883	44.42	nq	99
52) 3-Nitroaniline	9.63	138	137215	16.84	nq	94
53) 2,4-Dinitrophenol	9.76	184	266389	71.88	nq	88
54) Dibenzofuran	9.87	168	1619578	45.38	nq	98
55) 4-Nitrophenol	9.82	139	279144	53.50	nq	# 86
56) 2,4-Dinitrotoluene	9.87	165	370387	42.38	nq	# 70
57) Fluorene	10.21	166	1289856	44.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	330413	49.93	nq	94
59) Diethylphthalate	10.10	149	1433514	43.62	nq	97
60) 4-Chlorophenyl-phenylether	10.20	204	586978	44.21	nq	# 79
61) 4-Nitroaniline	10.26	138	319121	38.72	nq	96
62) Azobenzene	10.36	77	1543507	39.90	nq	87
64) 4,6-Dinitro-2-methylphenol	10.28	198	190977	42.20	nq	# 34
65) n-Nitrosodiphenylamine	10.33	169	1141460	48.59	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	394352	51.30	nq	# 84
67) Hexachlorobenzene	10.76	284	468659	55.27	nq	# 85
68) Atrazine	10.86	200	322813	47.63	nq	96
69) Pentachlorophenol	10.97	266	377088	100.41	nq	98
70) Phenanthrene	11.17	178	1940884	49.40	nq	99
71) Anthracene	11.22	178	1628305	38.98	nq	99
72) Carbazole	11.38	167	1437848	38.20	nq	99
73) Di-n-butylphthalate	11.72	149	2036949	43.03	nq	99
74) Fluoranthene	12.35	202	1656353	40.65	nq	94
76) Benzidine	12.49	184	92349	7.82	nq	97
77) Pyrene	12.58	202	1781036	51.44	nq	100
79) Butylbenzylphthalate	13.21	149	841962	50.84	nq	# 85
80) Benzo(a)anthracene	13.77	228	1353168	45.08	nq	100
81) 3,3'-Dichlorobenzidine	13.73	252	297327	28.19	nq	# 98
82) Chrysene	13.80	228	1306962	44.16	nq	98
83) Bis(2-ethylhexyl)phthalate	13.77	149	1036491	46.25	nq	# 98
84) Di-n-octyl phthalate	14.39	149	1828009	49.61	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.42	276	1098314	44.72	nq	97
87) Benzo(b)fluoranthene	14.77	252	1229687m	46.08	nq	
88) Benzo(k)fluoranthene	14.80	252	1043299m	44.56	nq	
89) Benzo(a)pyrene	15.09	252	1085887	46.74	nq	99
90) Dibenzo(a,h)anthracene	16.42	278	941940	46.90	nq	99
91) Benzo(g,h,i)perylene	16.79	276	852502	46.93	nq	98

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

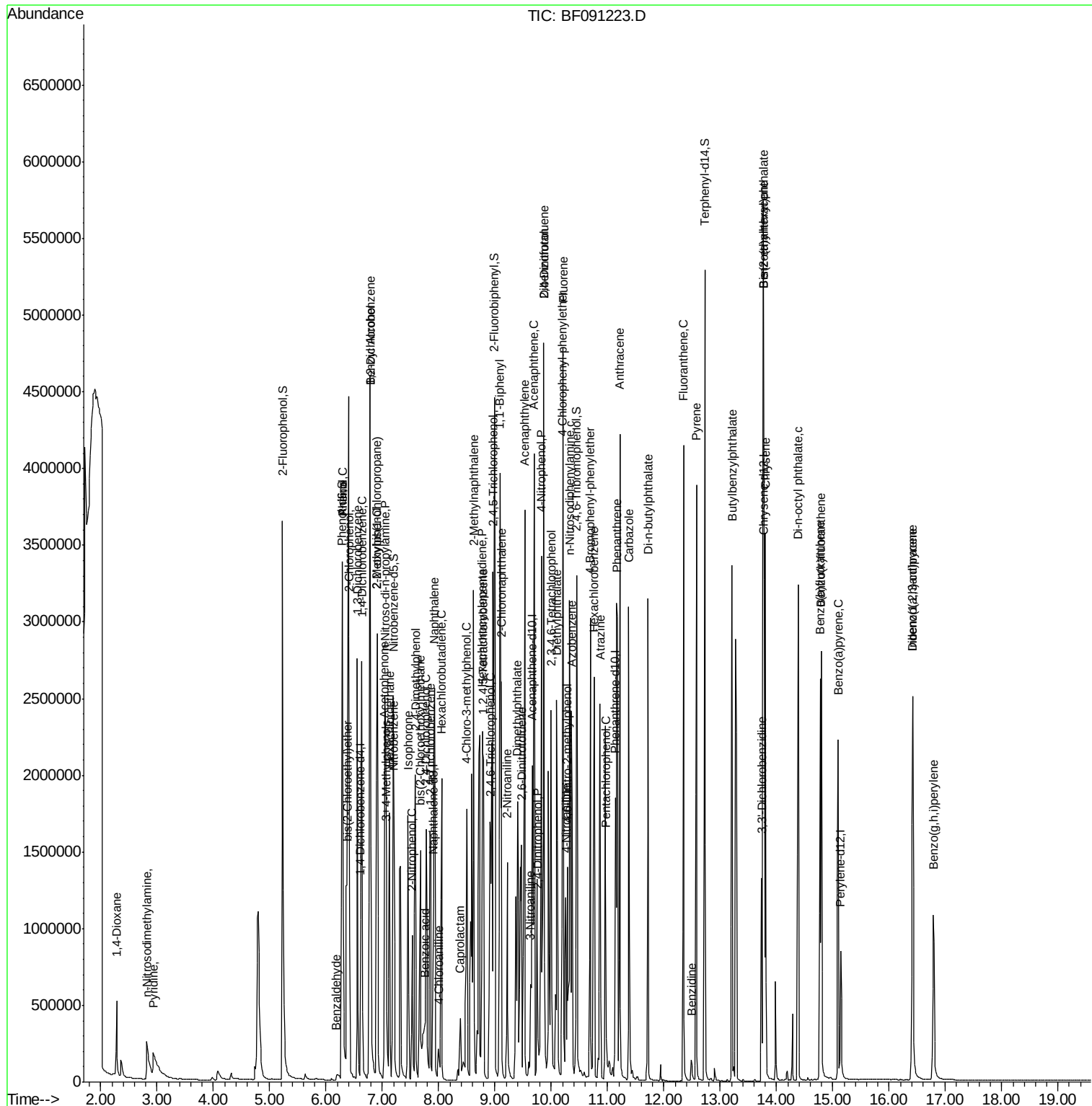
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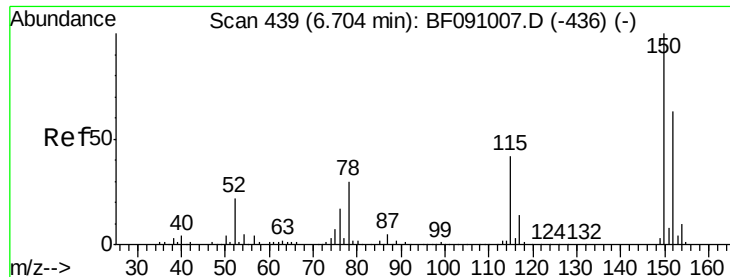
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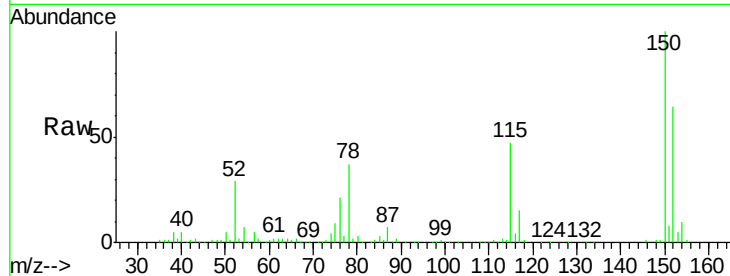


#1

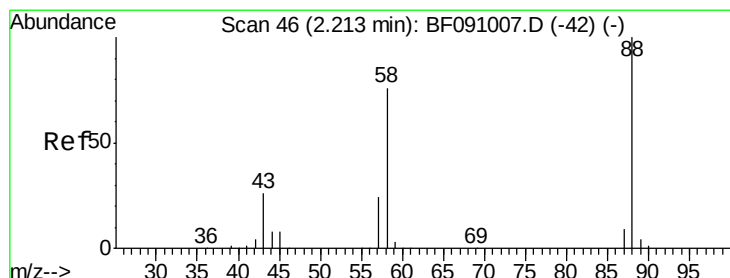
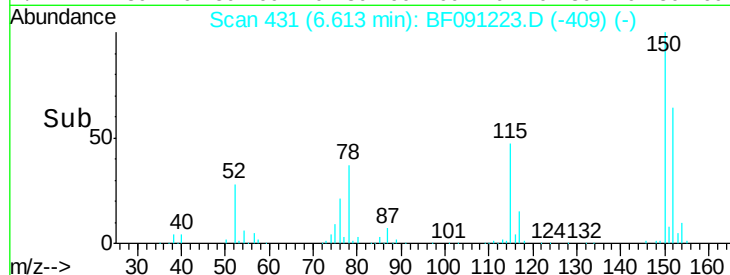
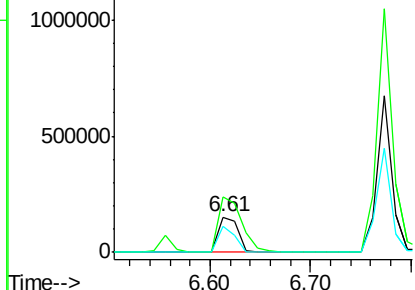
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

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



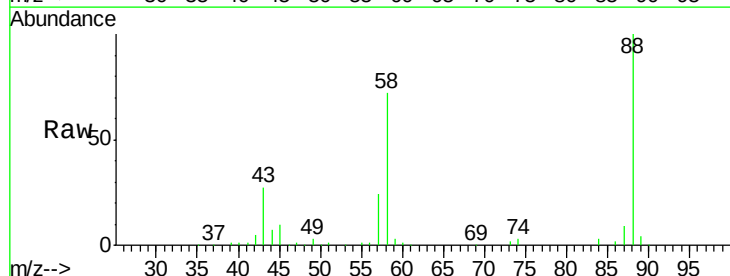
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



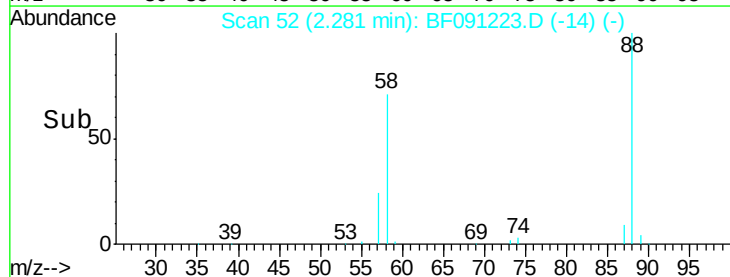
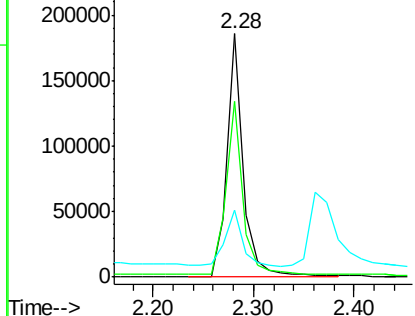
#2

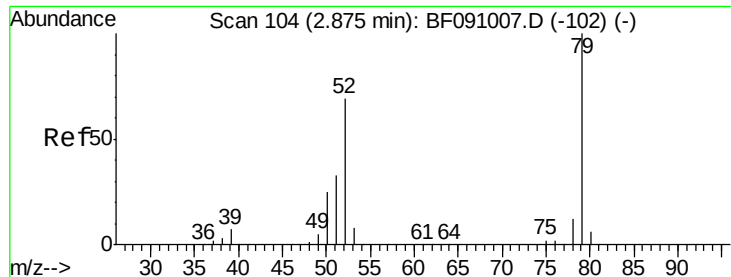
1,4-Dioxane
Concen: 28.75 ng
RT: 2.28 min Scan# 52
Delta R.T. 0.14 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

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

Pvridine

Concen: 22.53 ng/ml

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

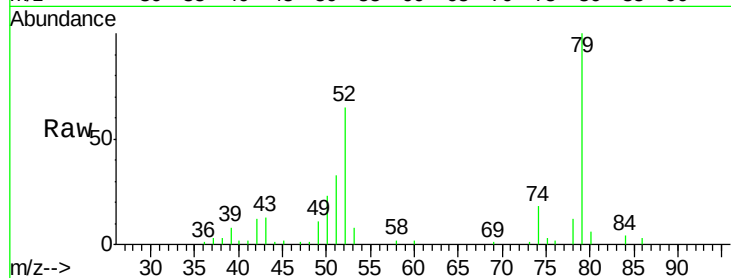
Tot Ion: 79 Resp: 376155

Ion Ratio Lower Upper

79 100

52 65.3 55.4 83.0

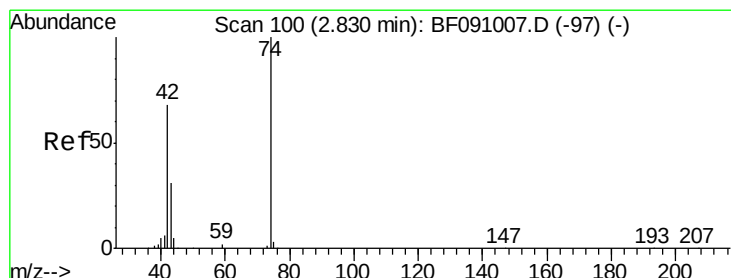
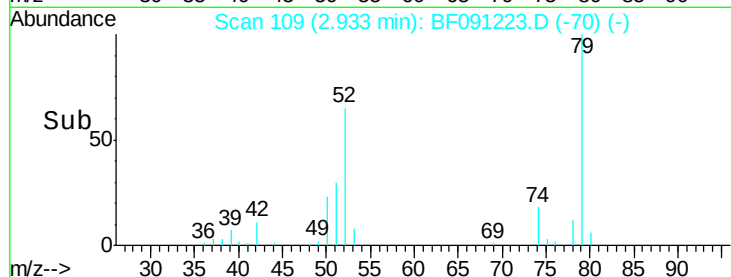
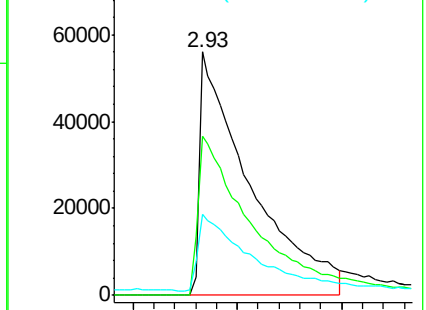
51 33.2 27.4 41.0



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/ml

RT: 2.82 min Scan# 99

Delta R.T. 0.07 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

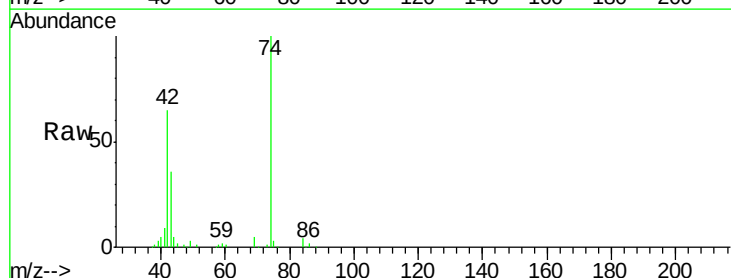
Tgt Ion: 42 Resp: 227429

Ion Ratio Lower Upper

42 100

74 153.6 117.3 175.9

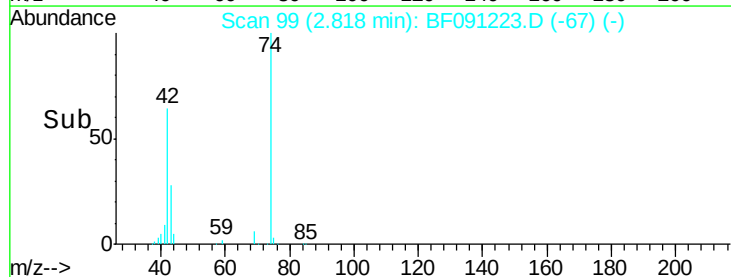
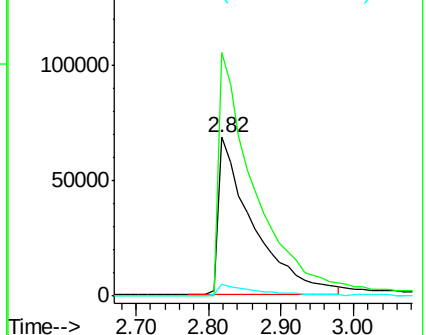
44 7.6 5.8 8.8

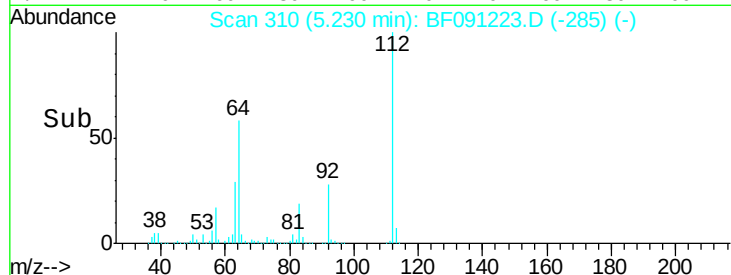
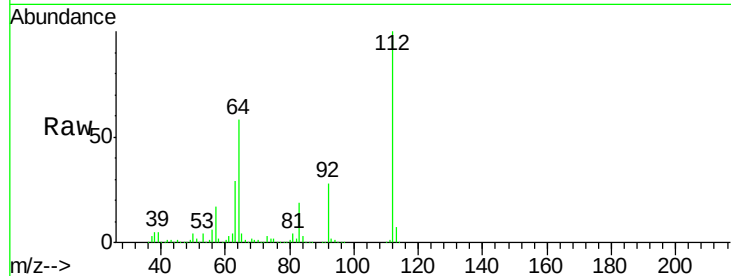
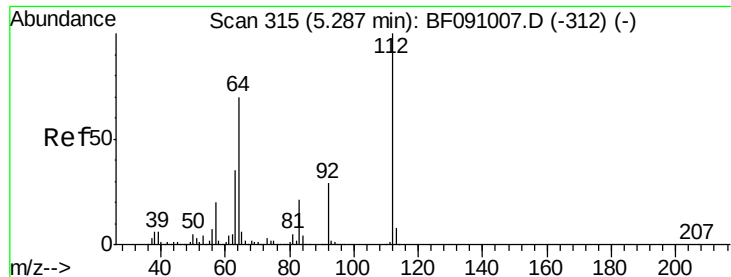


Abundance Ion 42.00 (41.70 to 42.70): BF0

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

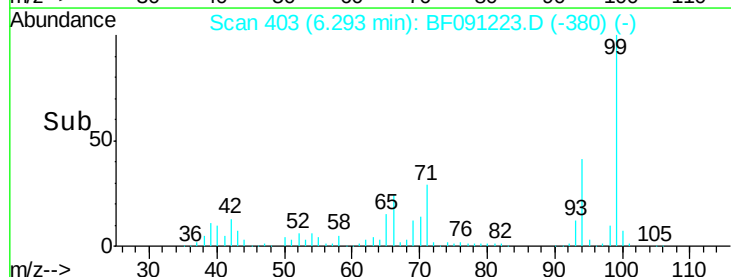
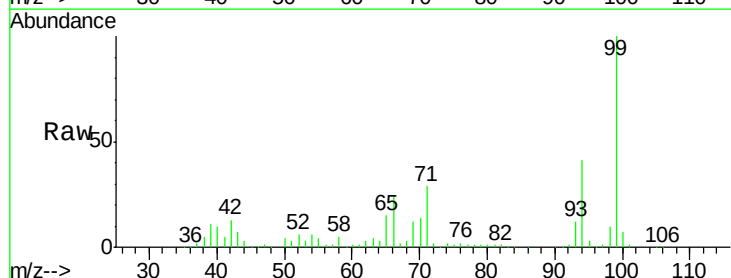
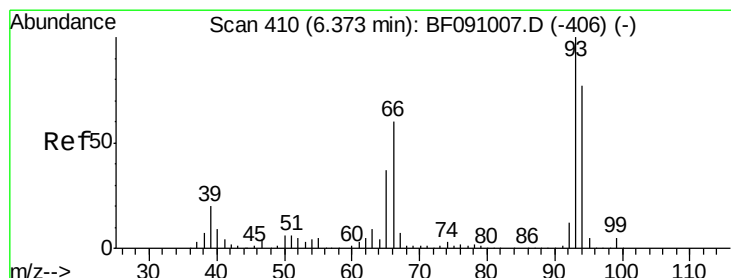
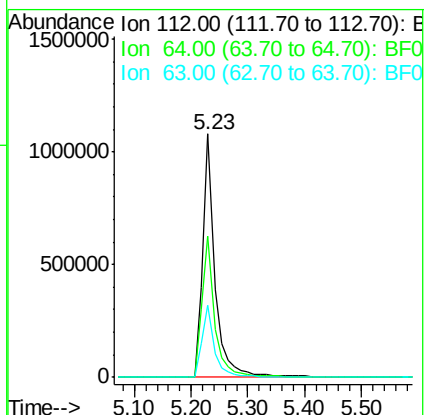
Tot Ion:112 Resp: 1569734

Ion Ratio Lower Upper

112 100

64 58.1 55.8 83.6

63 29.5 28.0 42.0



#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

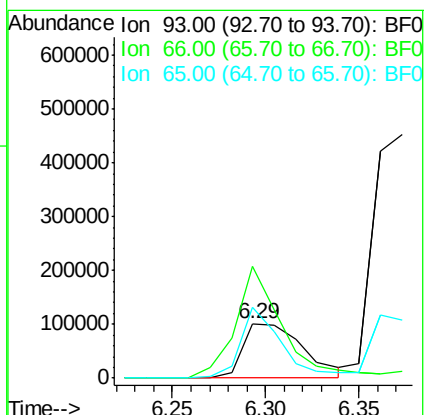
Tgt Ion: 93 Resp: 227587

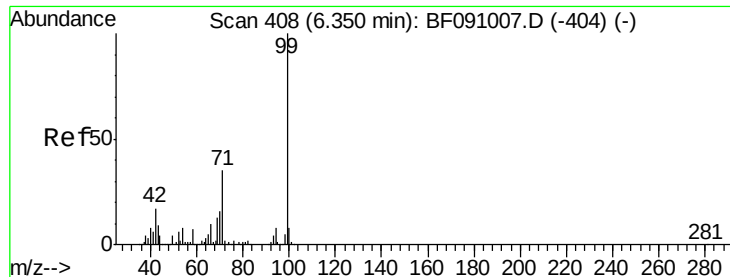
Ion Ratio Lower Upper

93 100

66 206.1 48.2 72.2#

65 130.9 29.4 44.0#





#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

Instrument :

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ClientSampleId :

SB-COMPMS

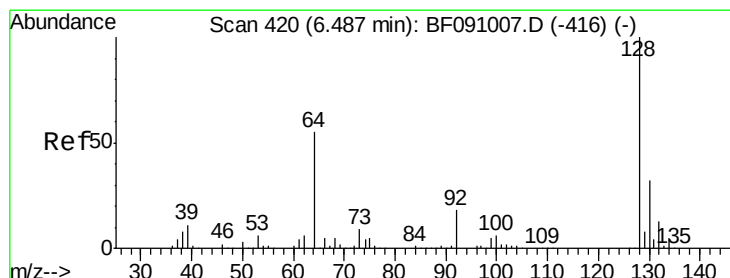
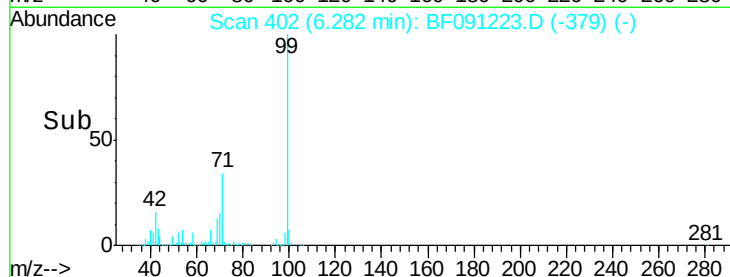
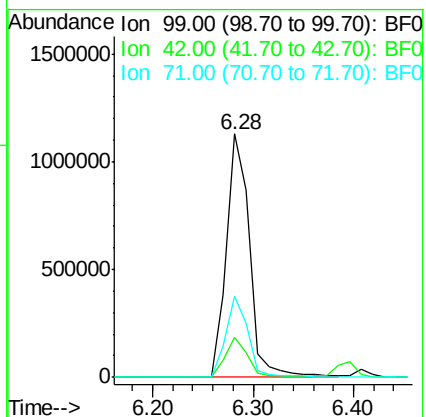
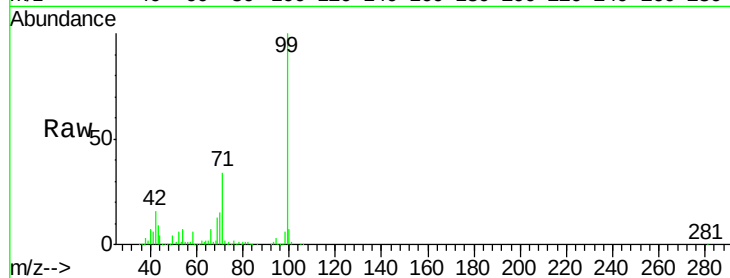
Tot Ion: 99 Resp: 1807793

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

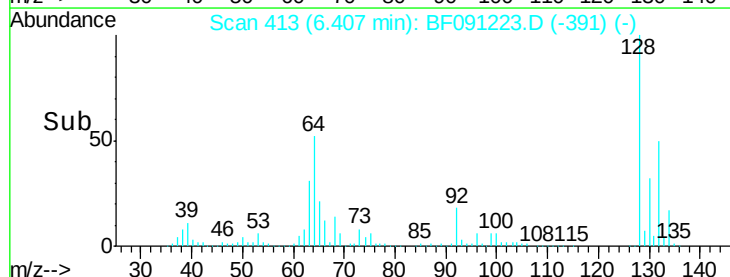
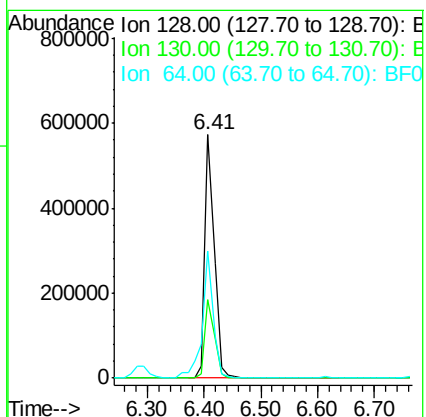
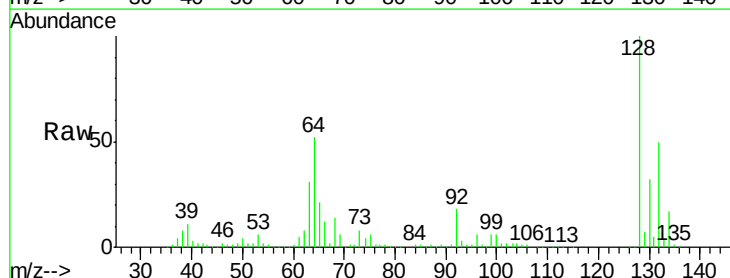
Tgt Ion: 128 Resp: 626764

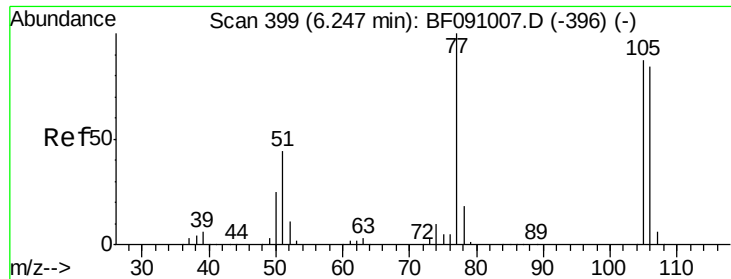
Ion Ratio Lower Upper

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

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SB-COMPMS

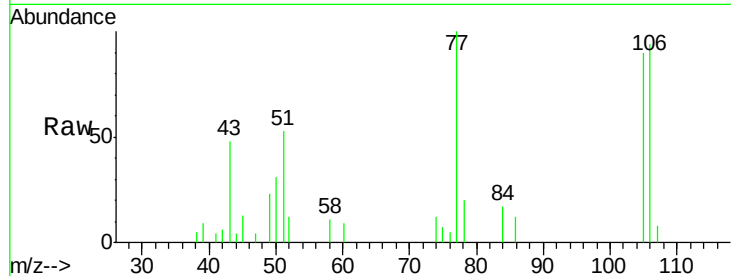
Tot Ion: 77 Resp: 32659

Ion Ratio Lower Upper

77 100

105 90.1 66.8 106.8

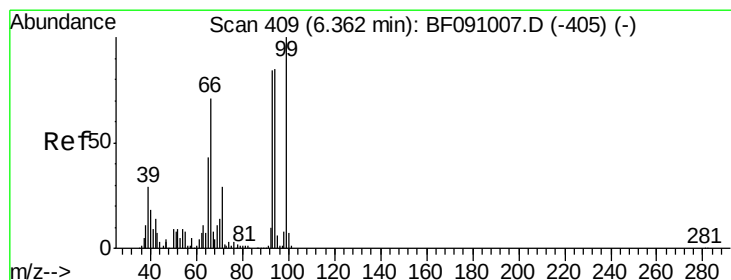
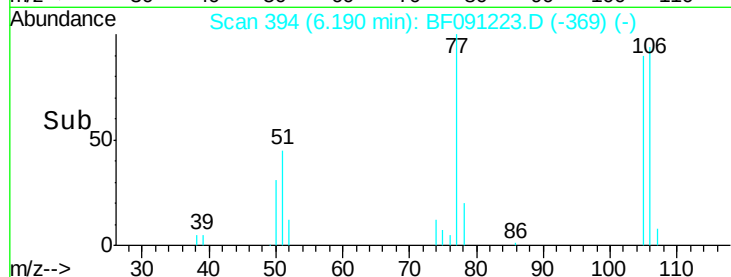
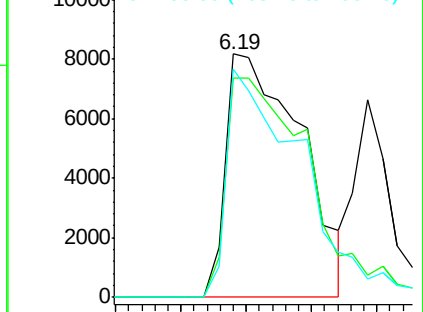
106 94.0 64.0 104.0



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

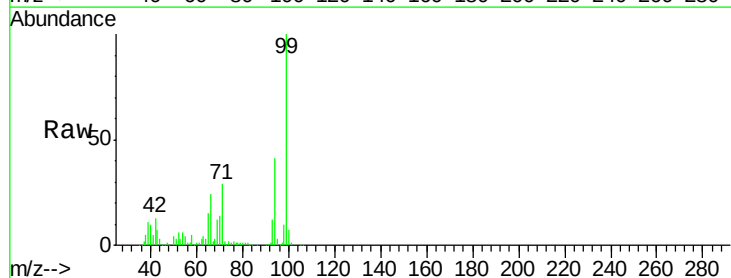
Tgt Ion: 94 Resp: 544989

Ion Ratio Lower Upper

94 100

65 36.6 30.4 70.4

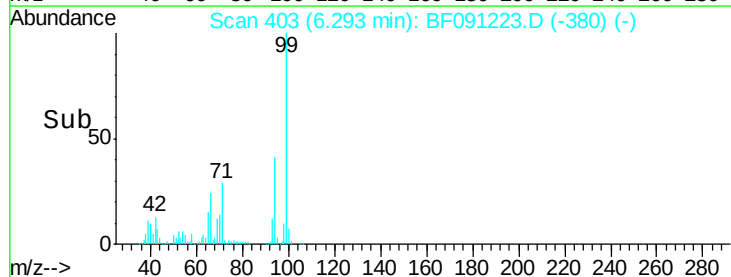
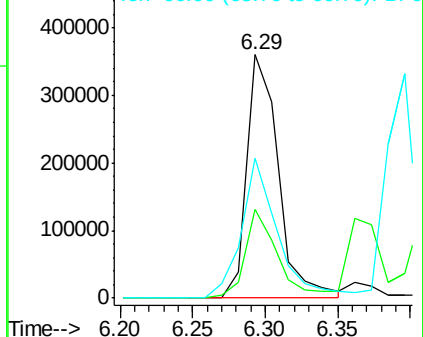
66 57.6 62.9 102.9#

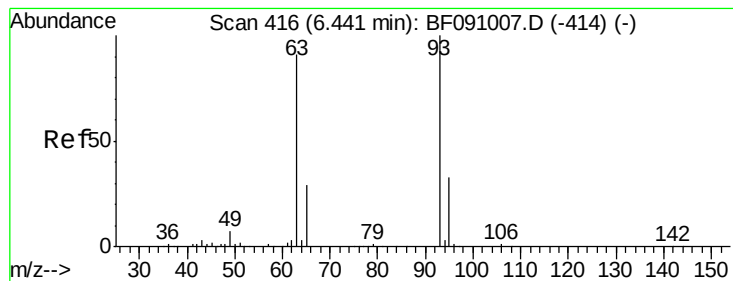


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

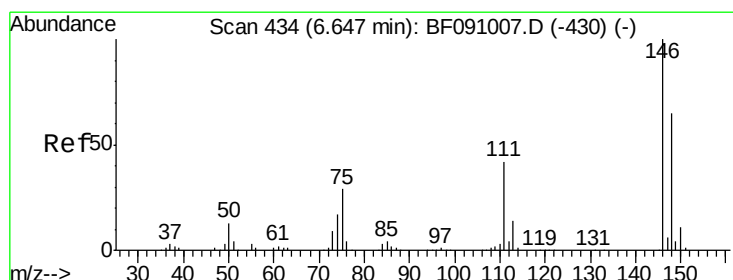
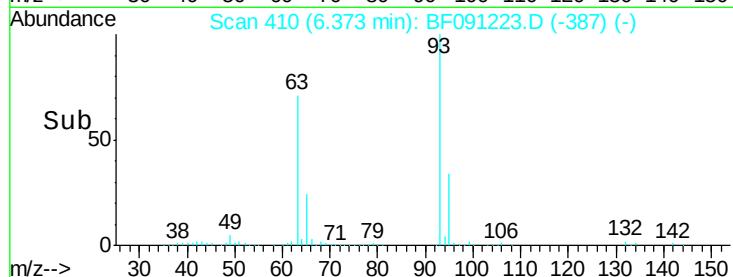
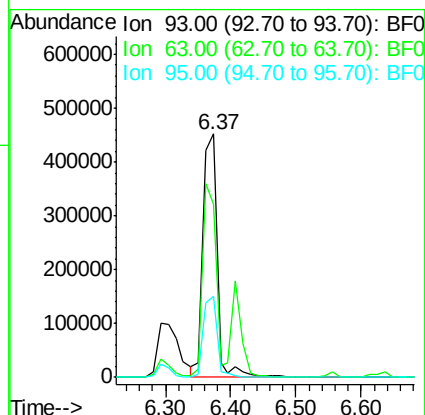
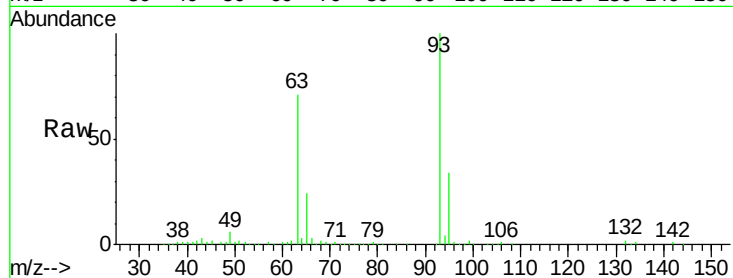




#11
 bis(2-Chloroethyl)ether
 Concen: 42.61 ng
 RT: 6.37 min Scan# 410
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

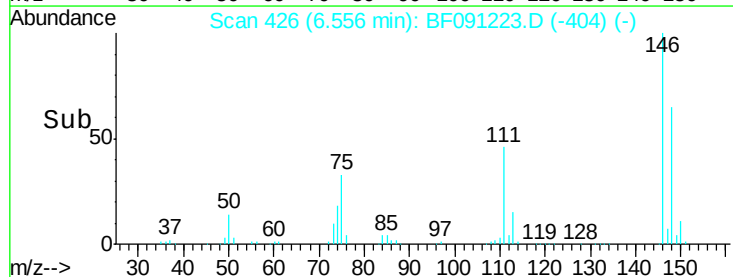
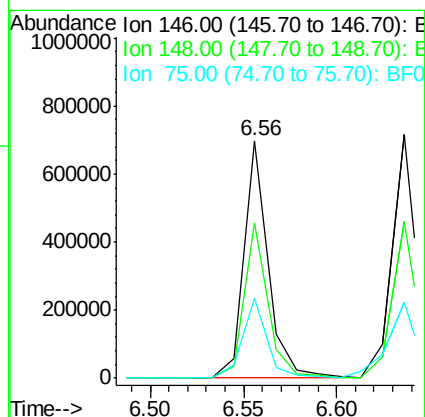
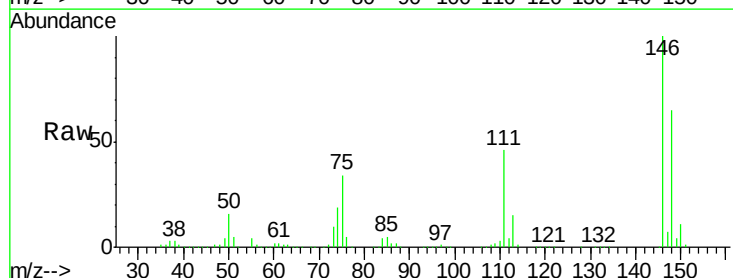
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

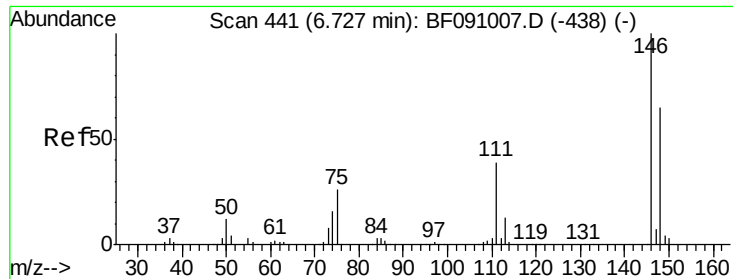
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	68.9	108.9
95	33.5	12.3	52.3



#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	Ratio	Lower	Upper
146	100		
148	65.4	52.0	78.0
75	33.6	23.0	34.6

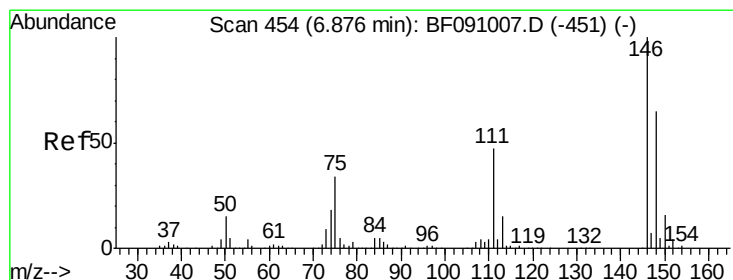
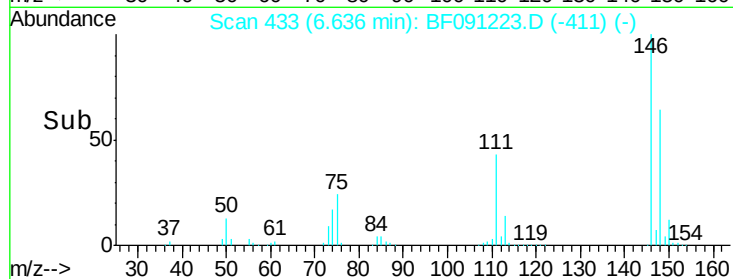
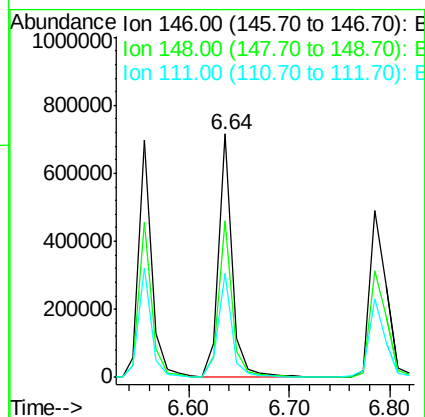
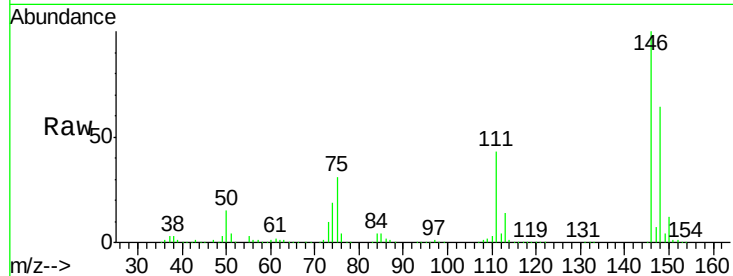




#13
 1,4-Dichlorobenzene
 Concen: 42.10 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

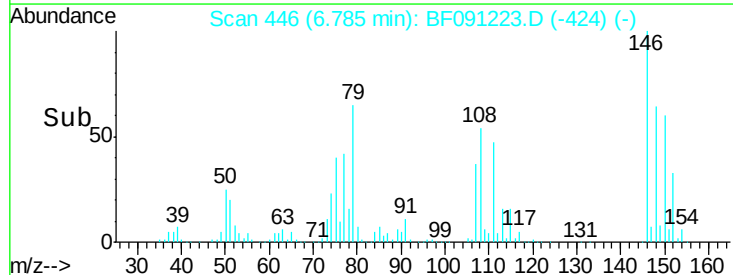
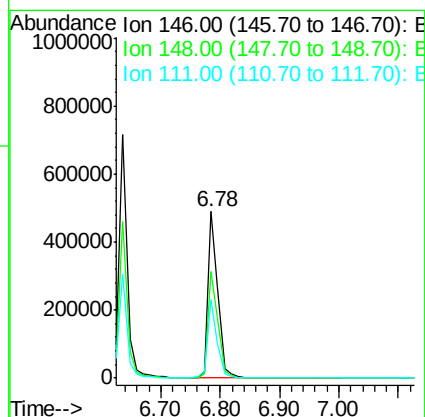
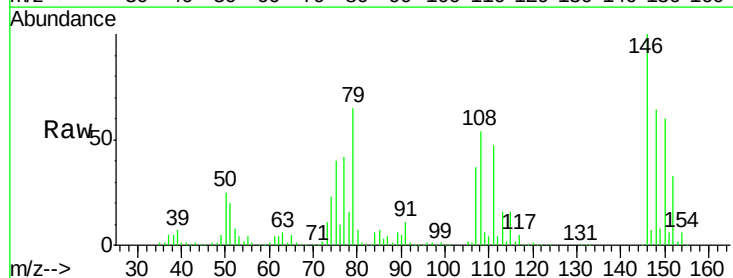
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

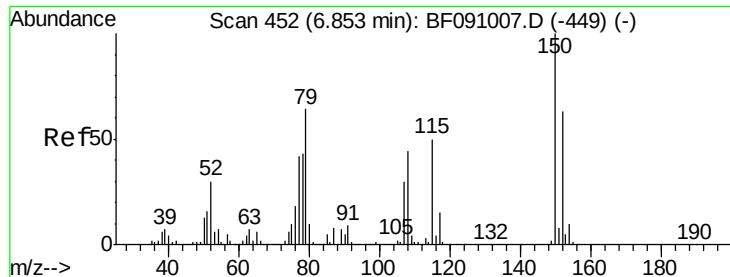
Tot Ion:146 Resp: 679877
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.1 78.1
 111 42.8 31.6 47.4



#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

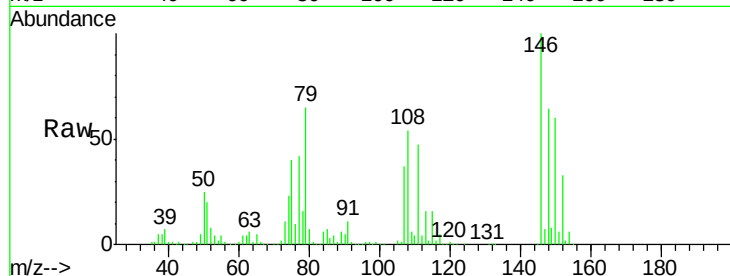
Tot Ion: 79 Resp: 522654

Ion Ratio Lower Upper

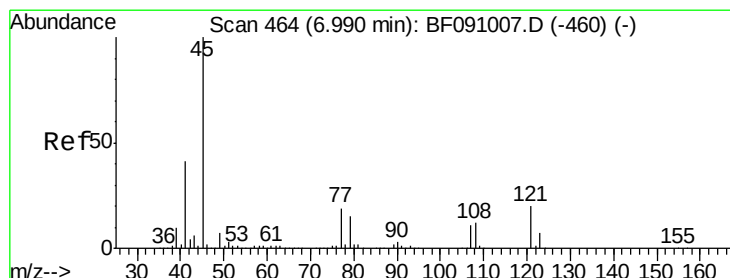
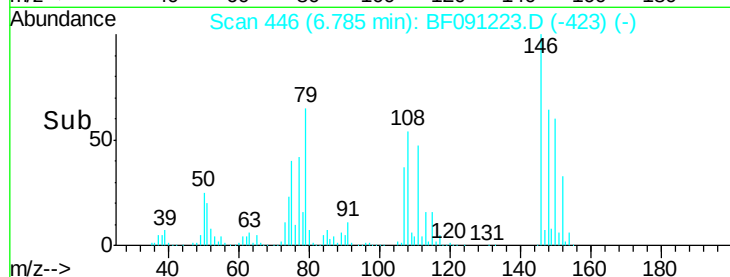
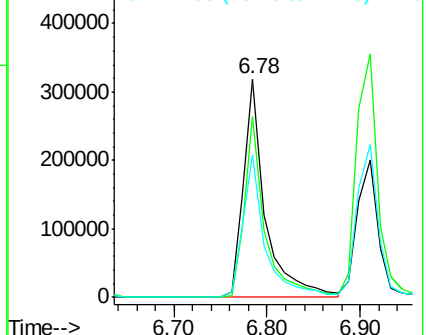
79 100

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

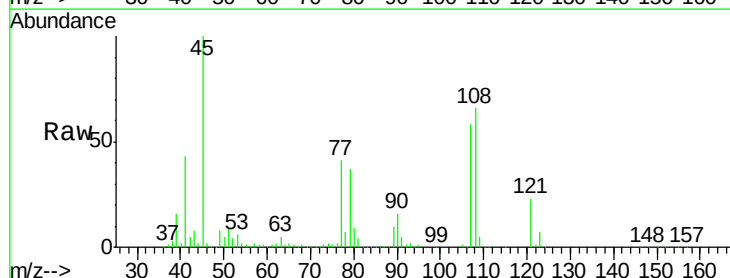
Tgt Ion: 45 Resp: 754084

Ion Ratio Lower Upper

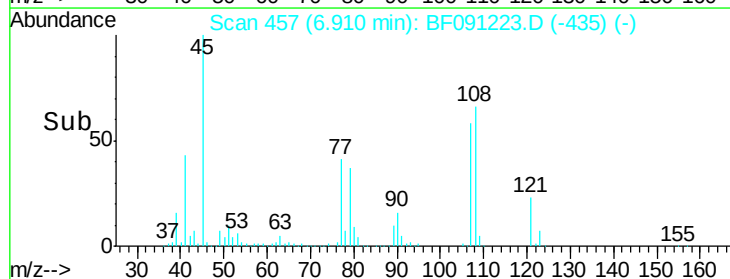
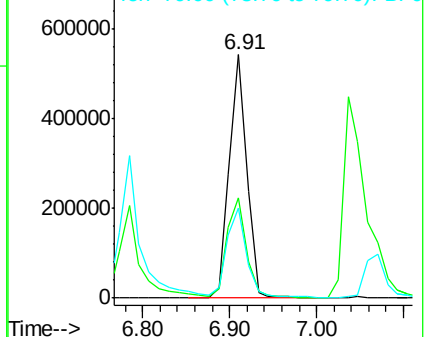
45 100

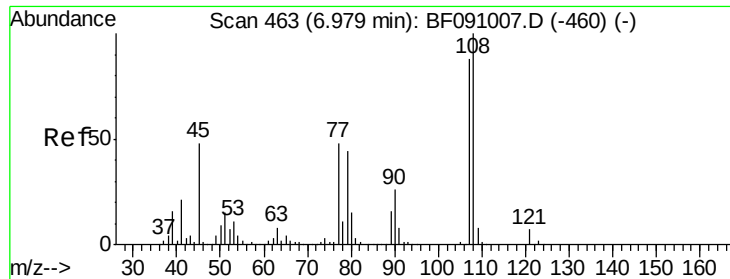
77 41.1 0.0 39.6#

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

Tot Ion:107 Resp: 487810

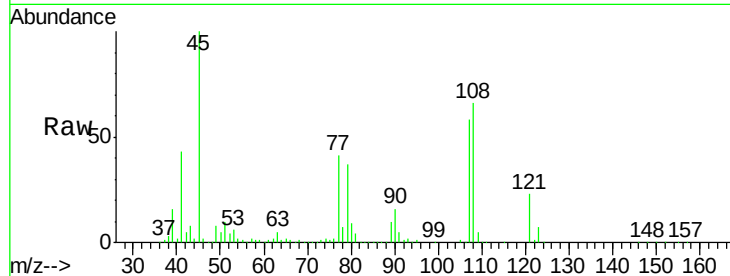
Ion Ratio Lower Upper

107 100

108 112.8 91.0 136.6

77 70.8 43.8 65.8#

79 63.4 40.6 60.8#

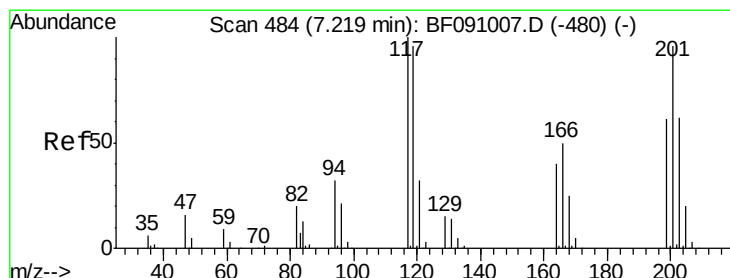
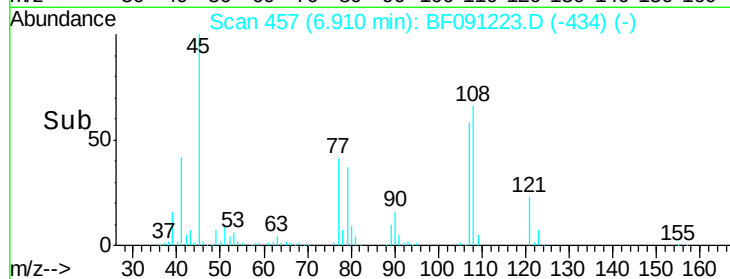
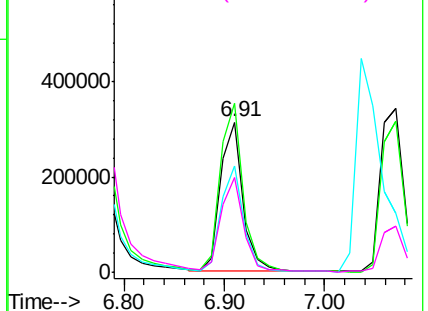


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 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

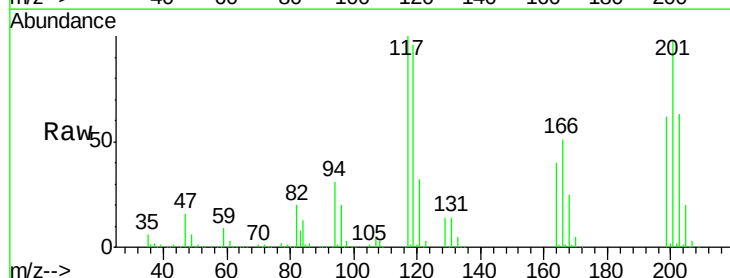
Tgt Ion:117 Resp: 222784

Ion Ratio Lower Upper

117 100

119 96.5 76.6 115.0

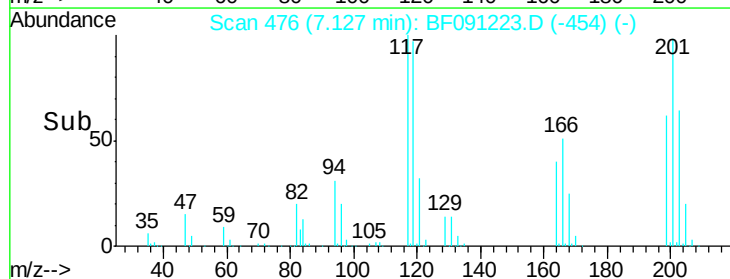
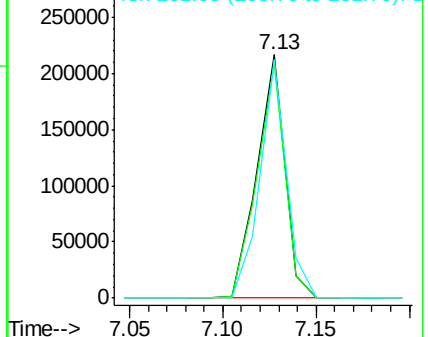
201 98.1 77.1 115.7

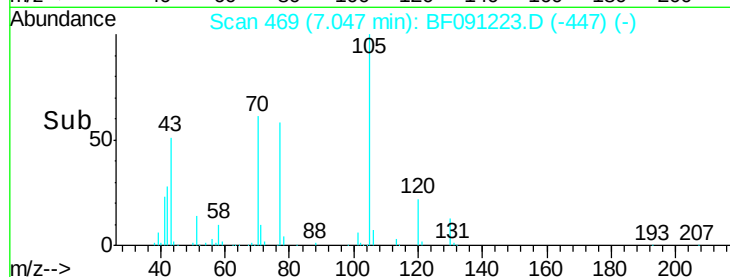
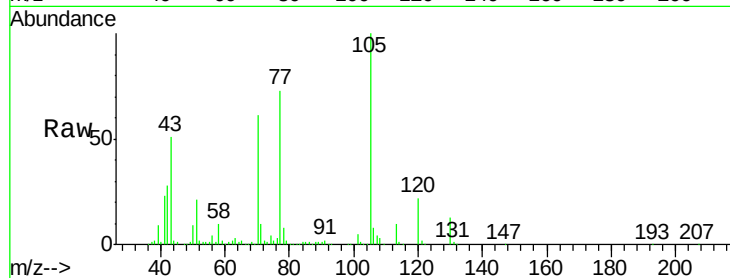
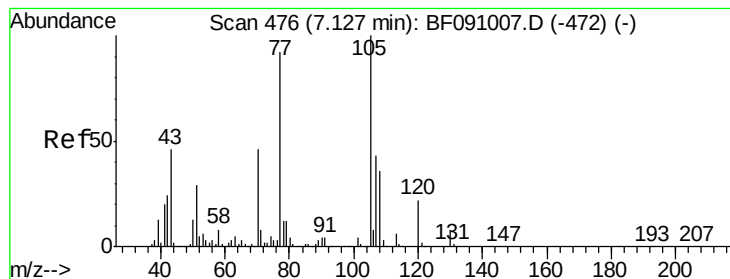


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 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

Tot Ion: 70 Resp: 442055

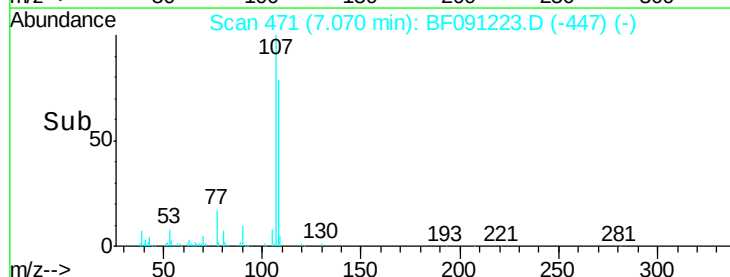
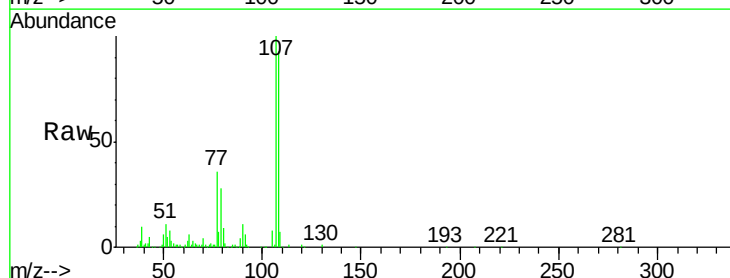
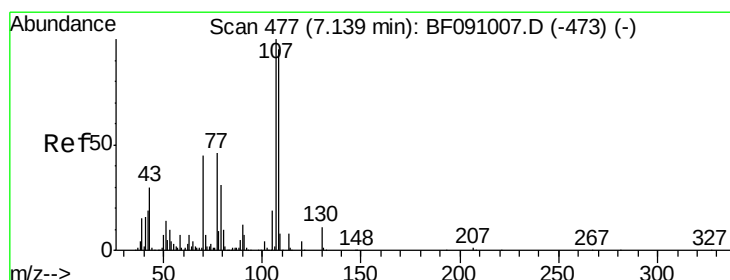
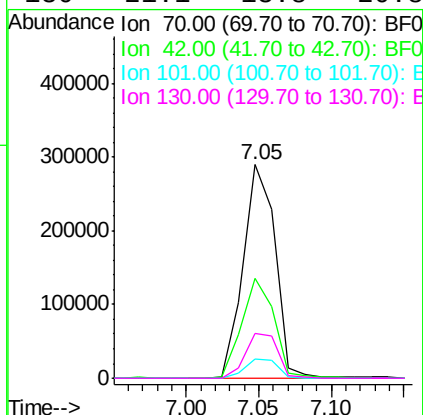
Ion Ratio Lower Upper

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

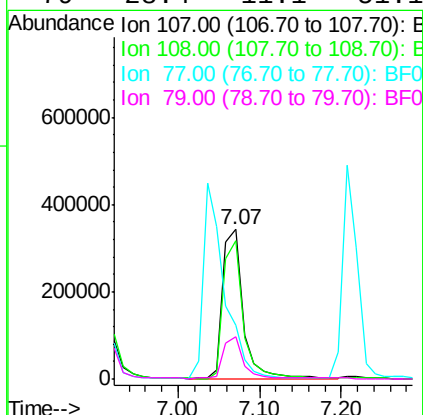
Ion Ratio Lower Upper

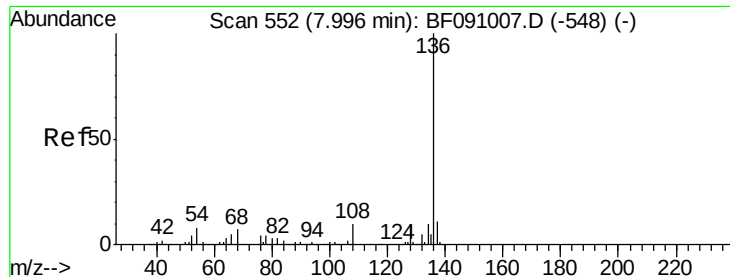
107 100

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

Tot Ion:136 Resp: 808898

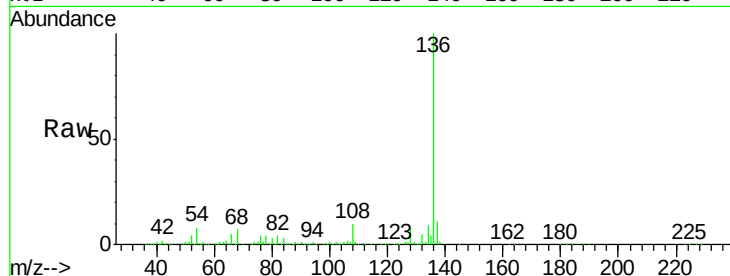
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.2 9.2

68 6.8 5.5 8.3

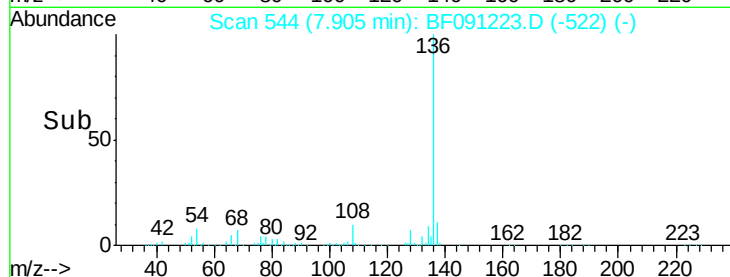


Abundance Ion 136.00 (135.70 to 136.70): E

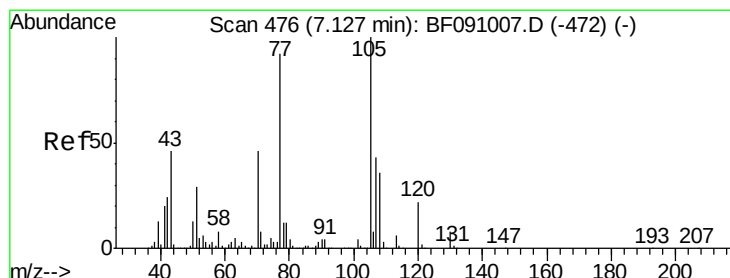
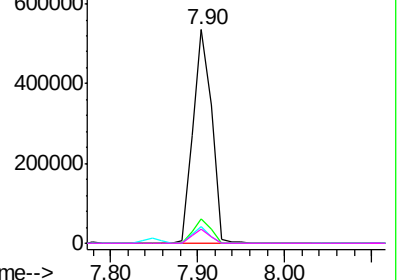
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 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

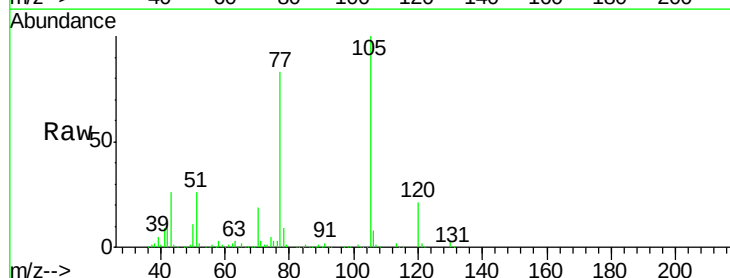
Ion Ratio Lower Upper

105 100

71 3.3 6.2 9.2#

51 26.2 23.3 34.9

120 20.8 17.4 26.0

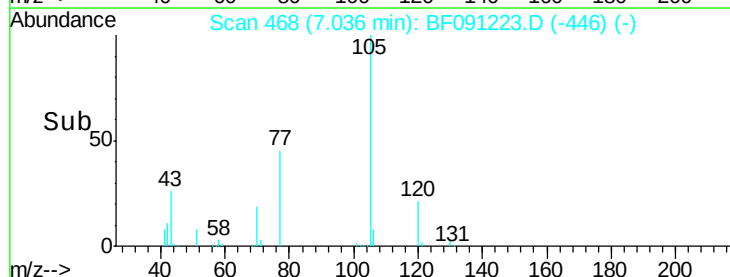


Abundance Ion 105.00 (104.70 to 105.70): E

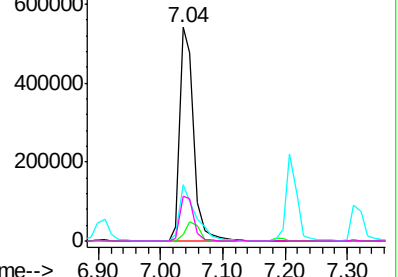
Ion 71.00 (70.70 to 71.70): BF0

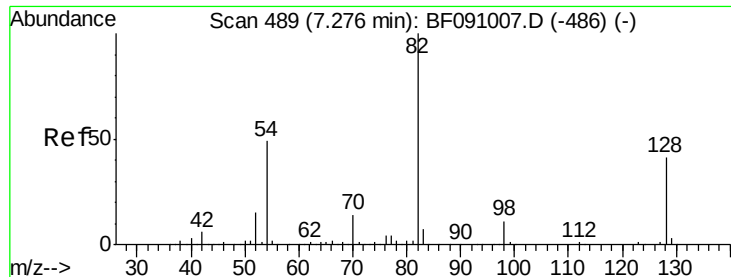
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

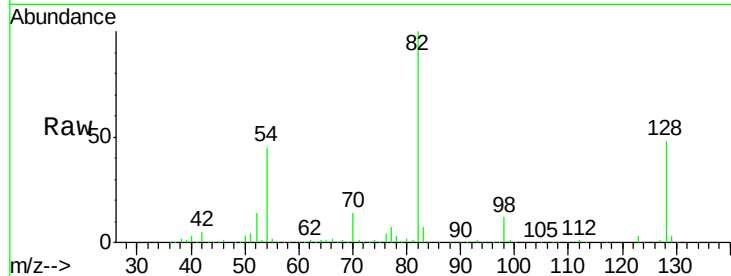




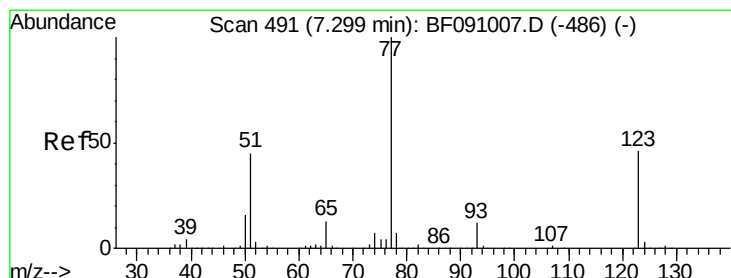
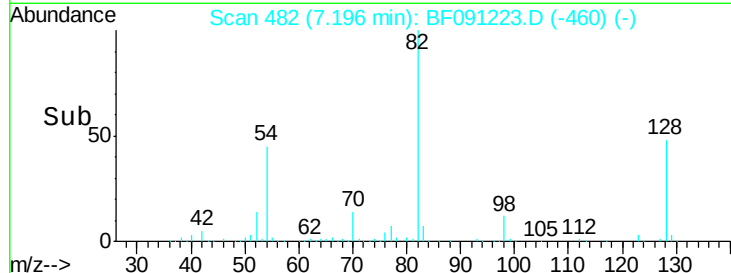
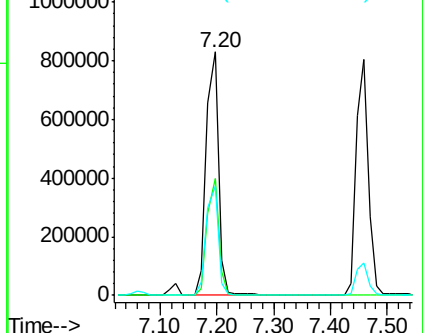
#23
 Nitrobenzene-d5
 Concen: 80.72 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

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

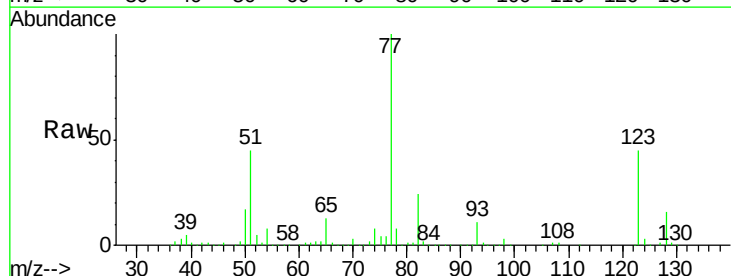


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

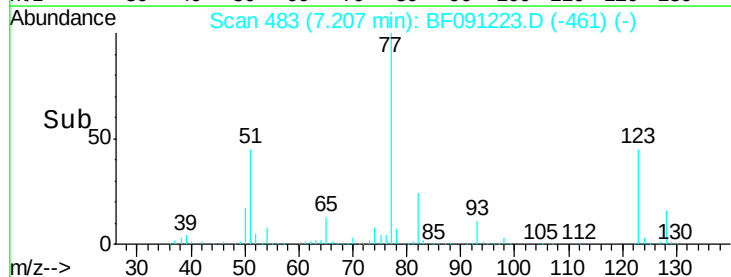
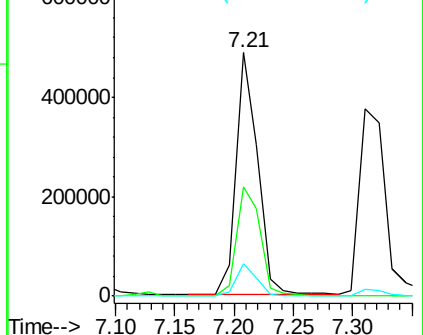


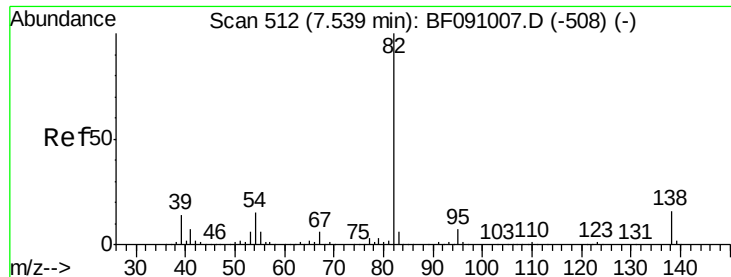
#24
 Nitrobenzene
 Concen: 37.78 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

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

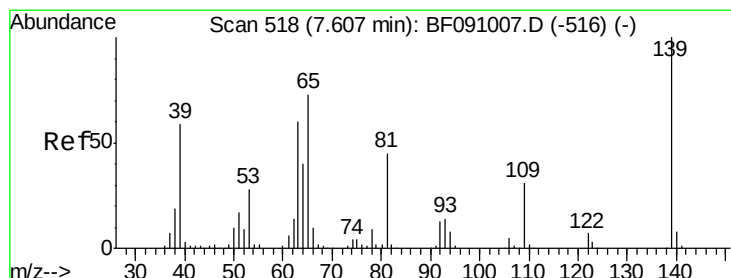
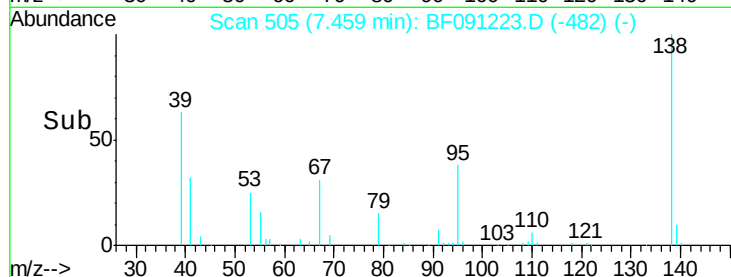
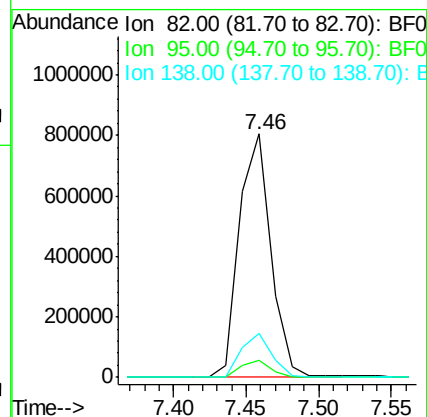
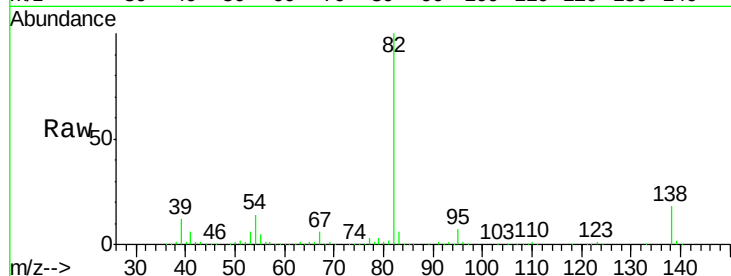
Tot Ion: 82 Resp: 1212753

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 18.1 13.0 19.4



#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

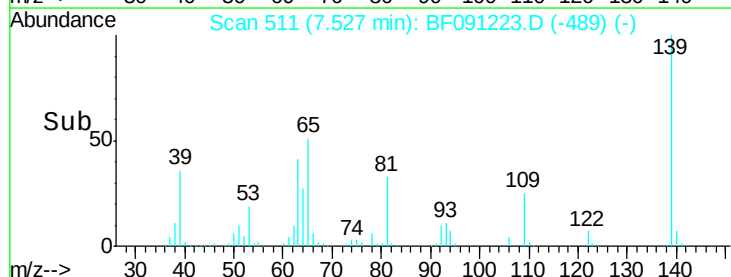
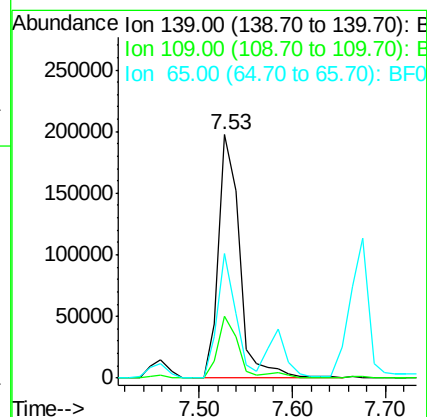
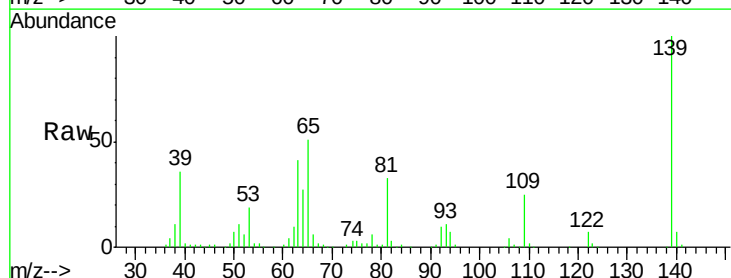
Tgt Ion: 139 Resp: 310931

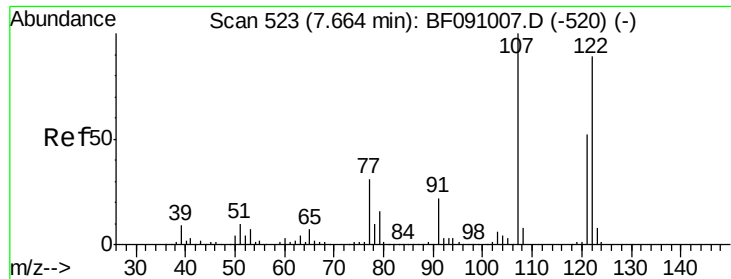
Ion Ratio Lower Upper

139 100

109 25.4 24.7 37.1

65 51.0 58.3 87.5#





#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

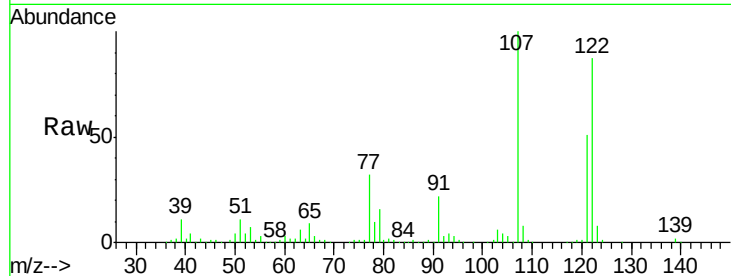
Tot Ion:122 Resp: 534654

Ion Ratio Lower Upper

122 100

107 114.8 89.6 134.4

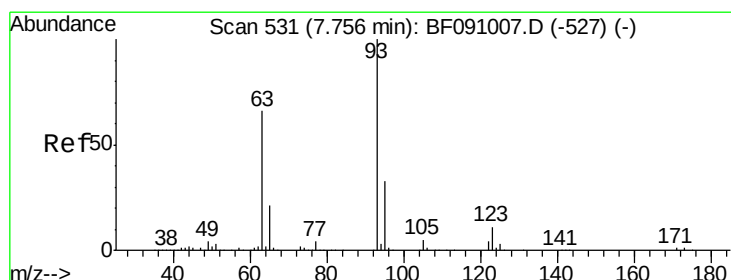
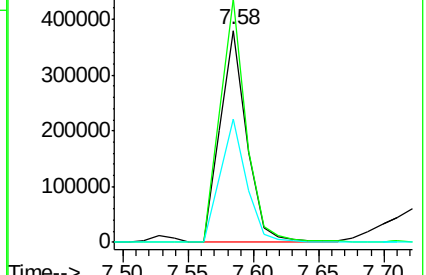
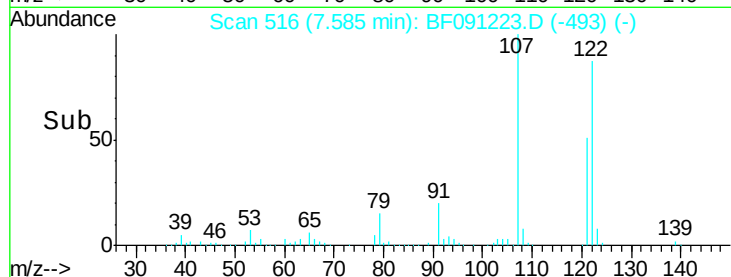
121 58.0 46.3 69.5



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

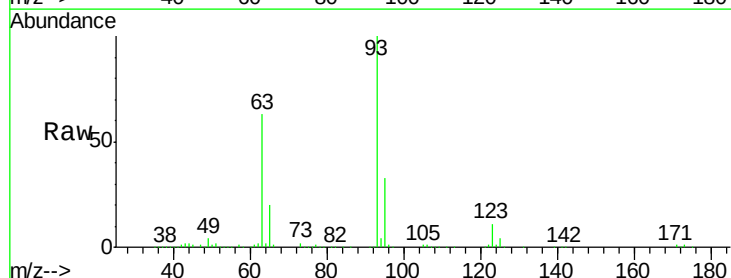
Tgt Ion: 93 Resp: 773480

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

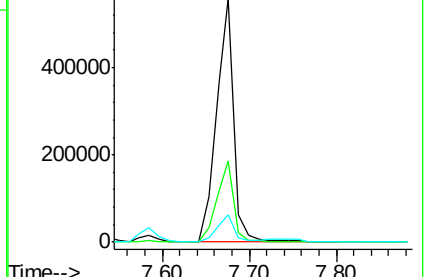
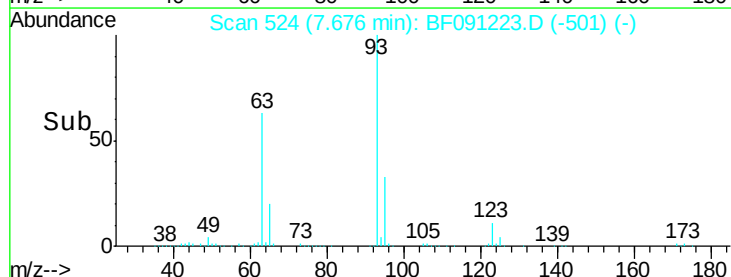
123 11.4 8.7 13.1

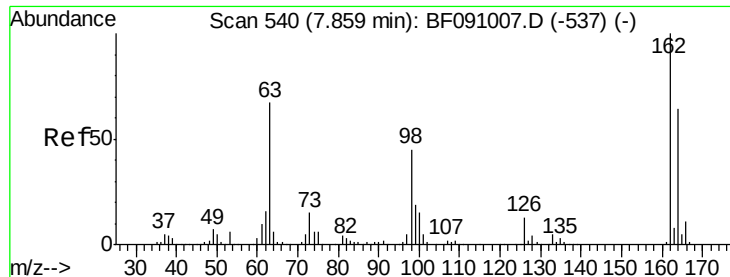


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

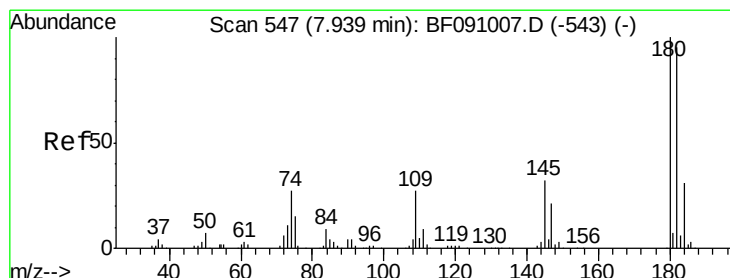
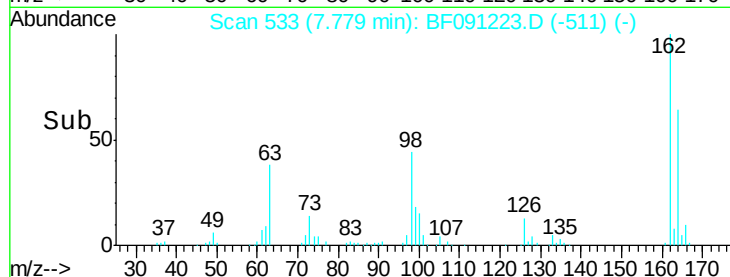
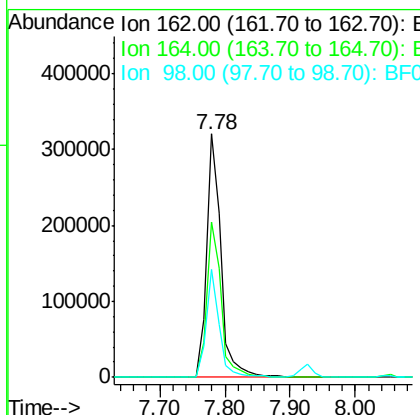
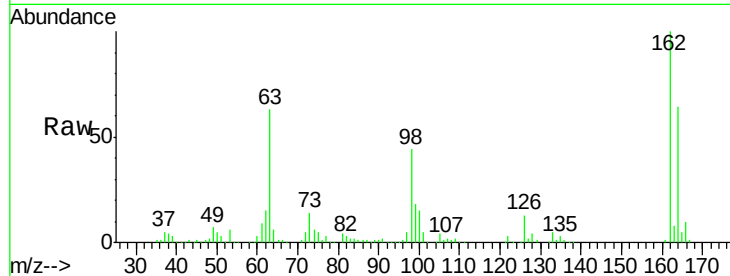




#29
2,4-Dichlorophenol
Concen: 48.82 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

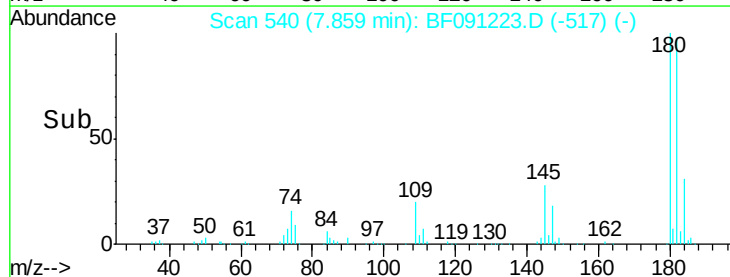
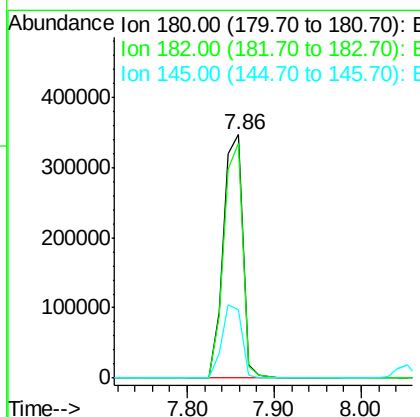
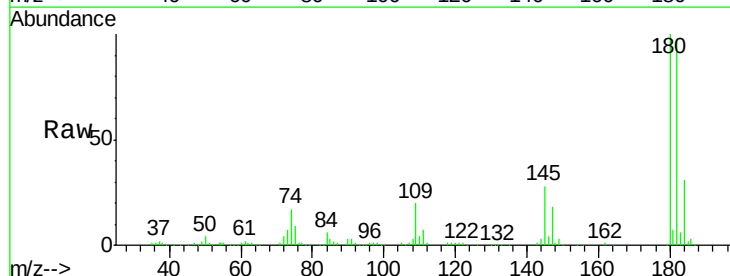
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

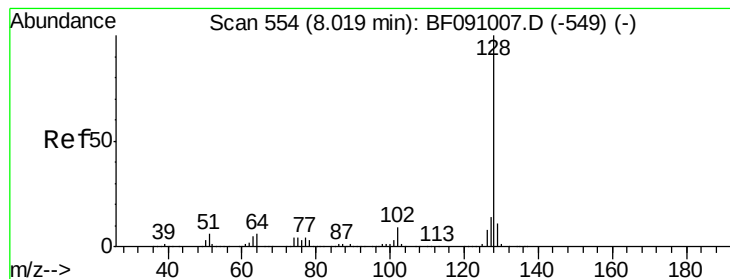
Tot Ion:162 Resp: 488380
Ion Ratio Lower Upper
162 100
164 64.0 44.4 84.4
98 44.3 25.2 65.2



#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

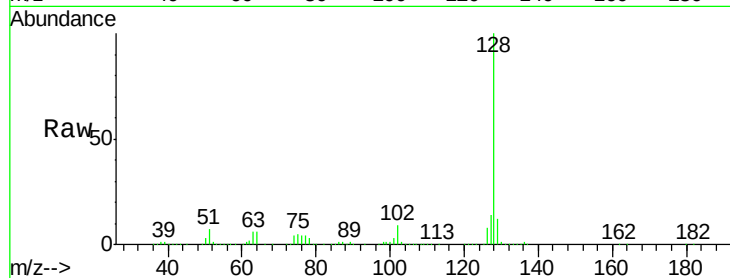
Tot Ion:128 Resp: 1789518

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

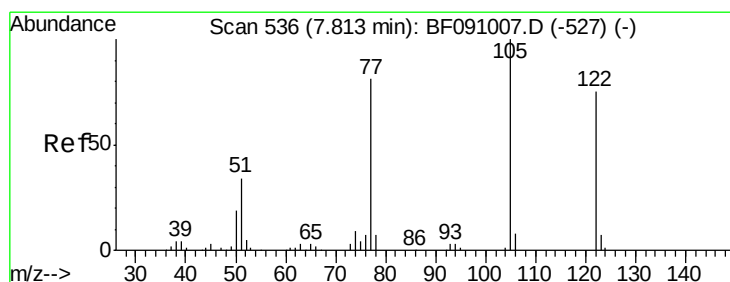
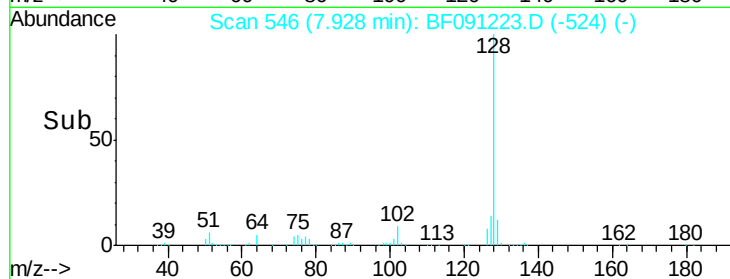
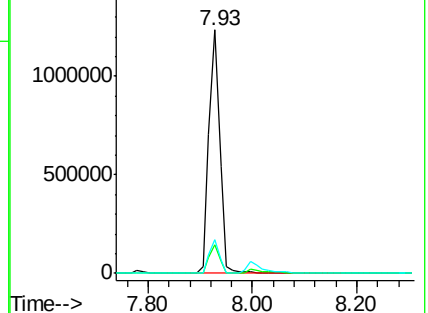
127 13.7 10.9 16.3



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

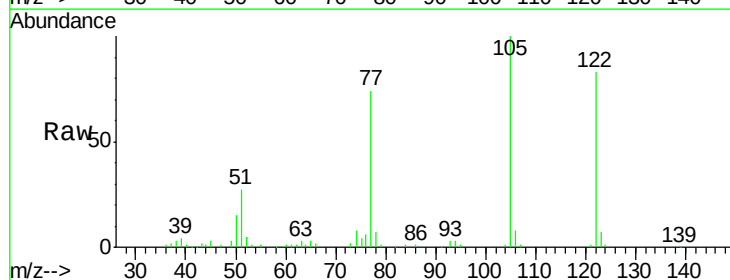
Tgt Ion:122 Resp: 289204

Ion Ratio Lower Upper

122 100

105 120.3 105.9 145.9

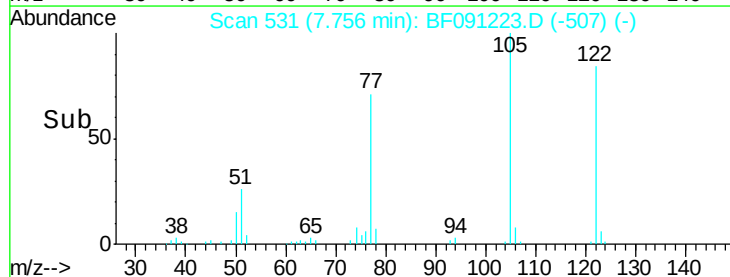
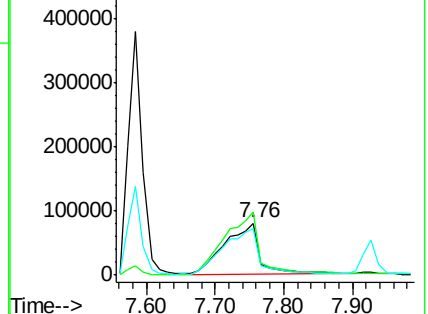
77 88.5 84.0 124.0

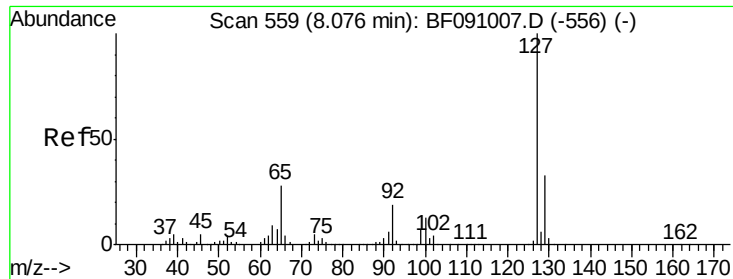


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

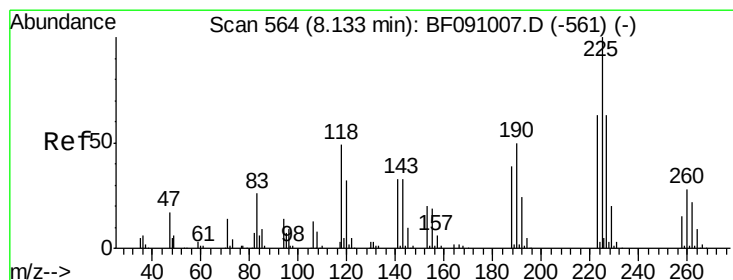
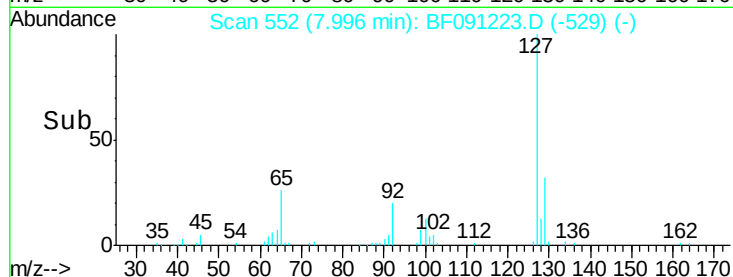
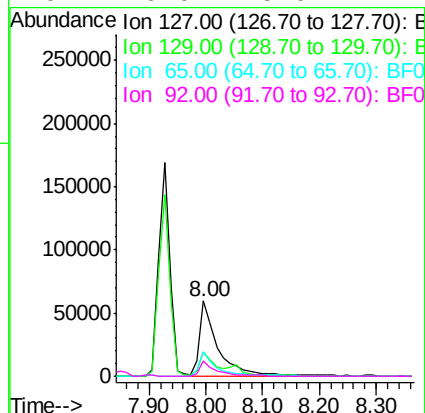
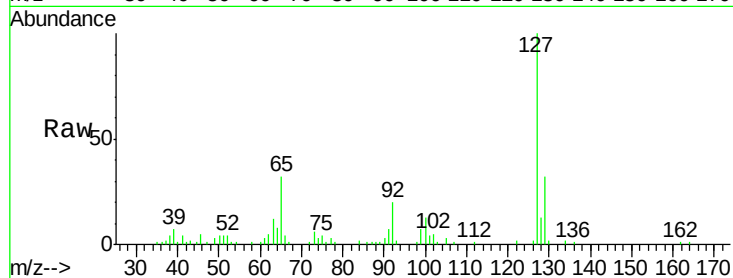




#33
4-Chloroaniline
Concen: 8.08 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

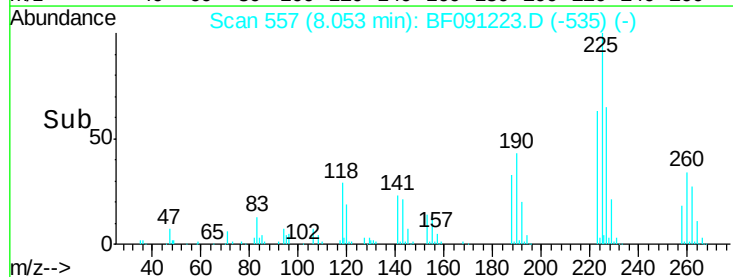
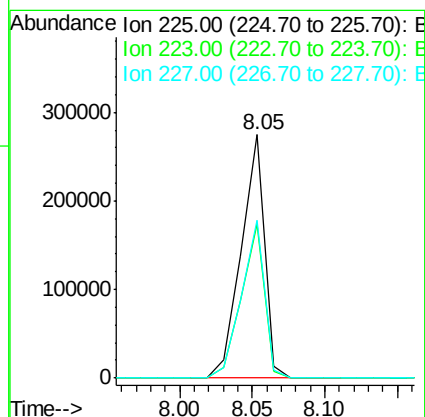
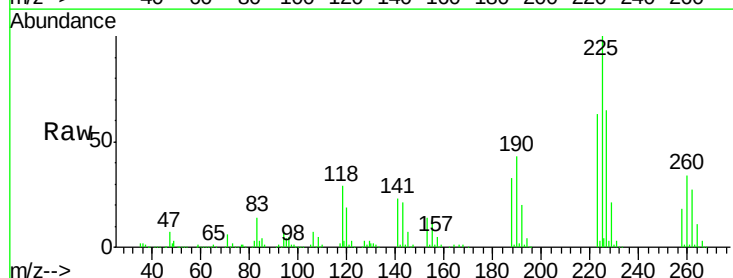
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

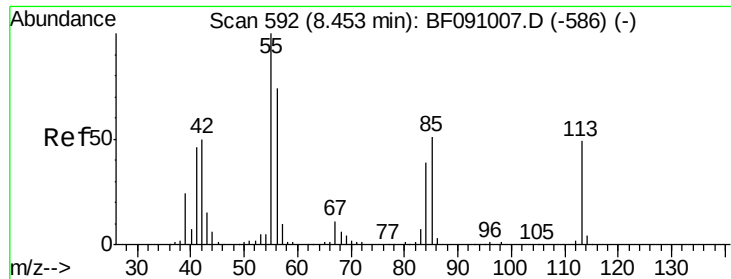
Tot Ion:	127	Resp:	130000
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	31.6	22.2	33.2
92	20.0	15.0	22.4



#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

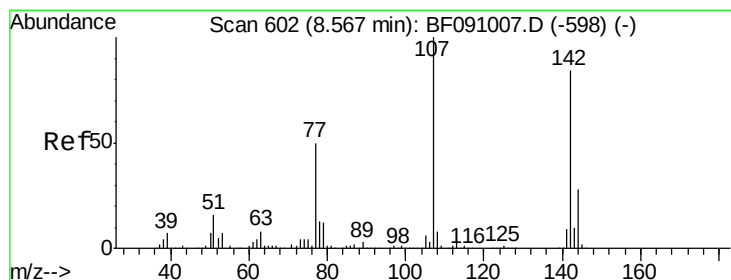
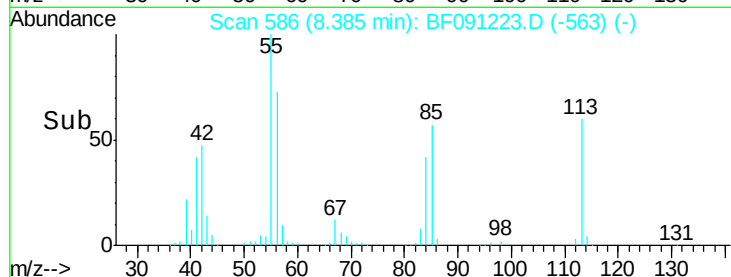
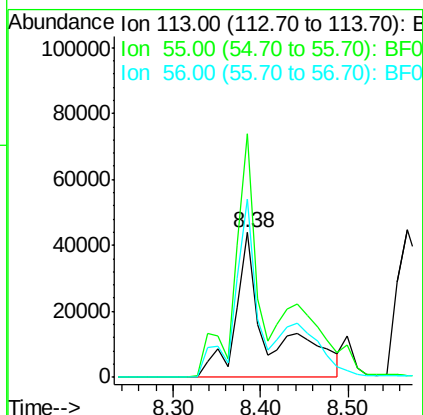
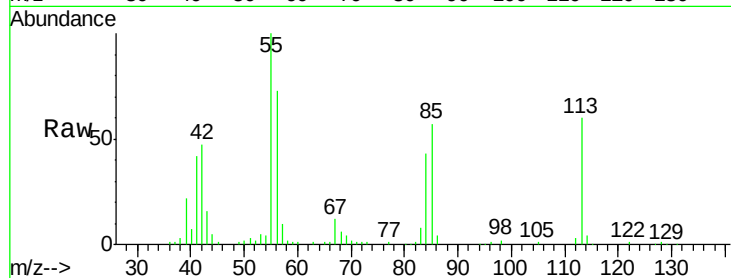




#35
 Caprolactam
 Concen: 38.04 ng/ml
 RT: 8.38 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

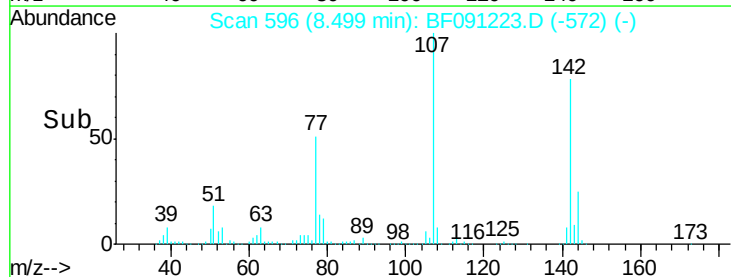
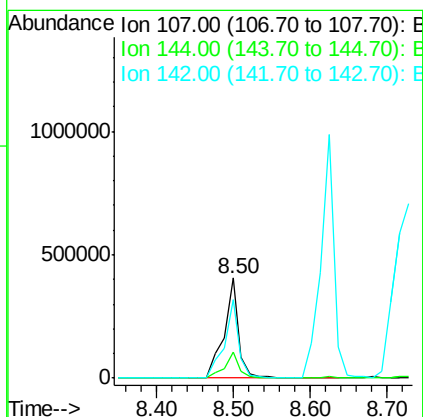
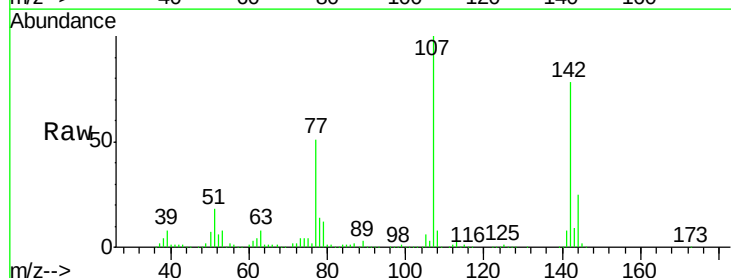
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

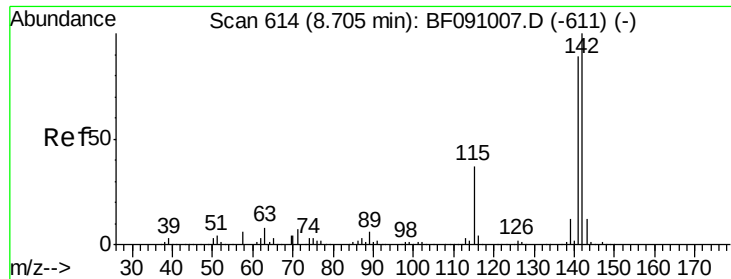
Tot Ion:113 Resp: 119540
 Ion Ratio Lower Upper
 113 100
 55 168.0 184.1 224.1#
 56 123.3 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 45.23 ng/ml
 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

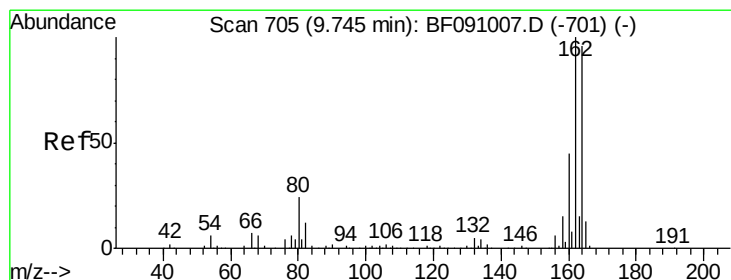
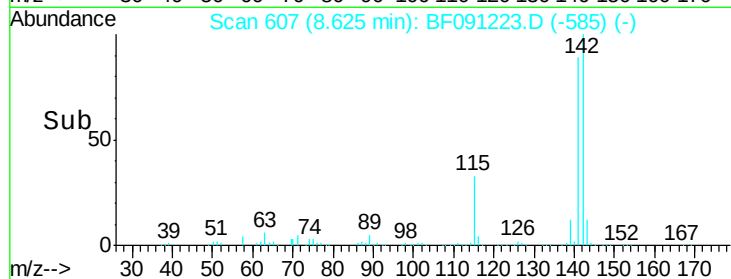
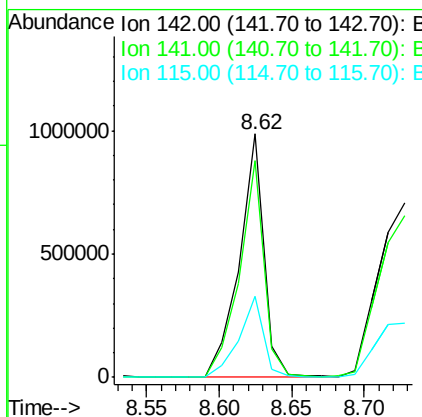
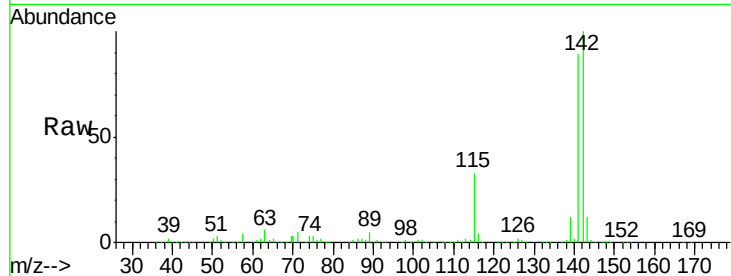




#37
 2-Methylnaphthalene
 Concen: 47.11 ng
 RT: 8.62 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

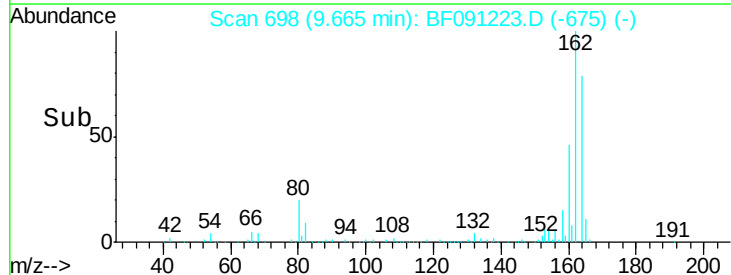
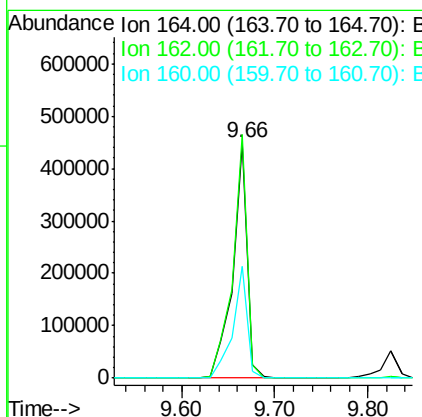
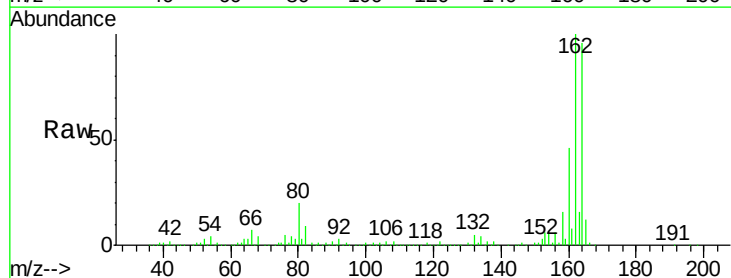
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

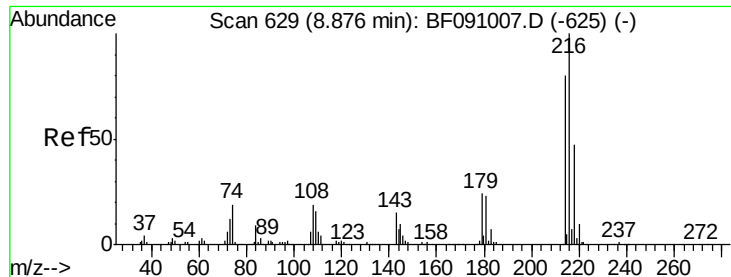
Tot Ion:142 Resp: 1171610
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.3 106.9
 115 33.4 29.9 44.9



#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

Tot Ion:216 Resp: 572199

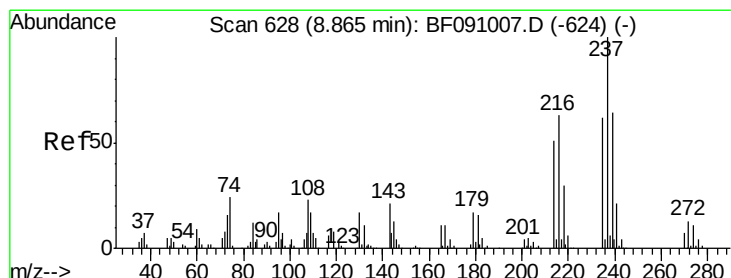
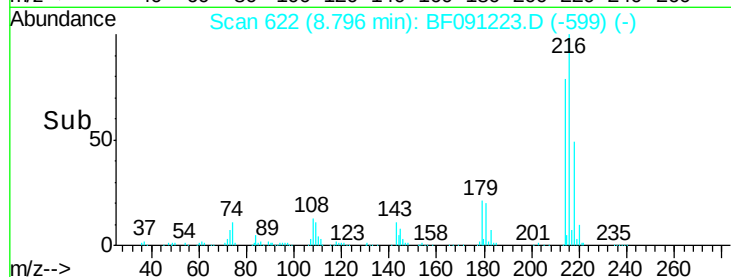
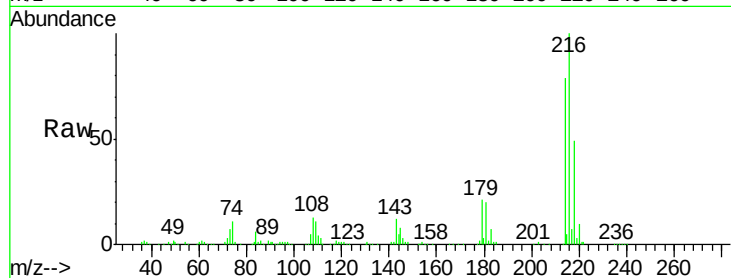
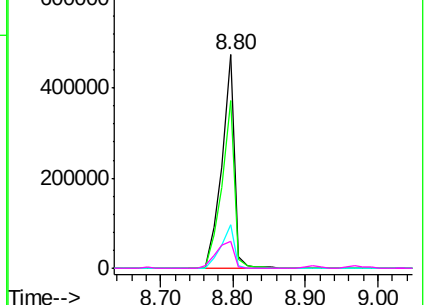
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.5	95.3
179	21.6	19.1	28.7
108	18.6	17.5	26.3

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



#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

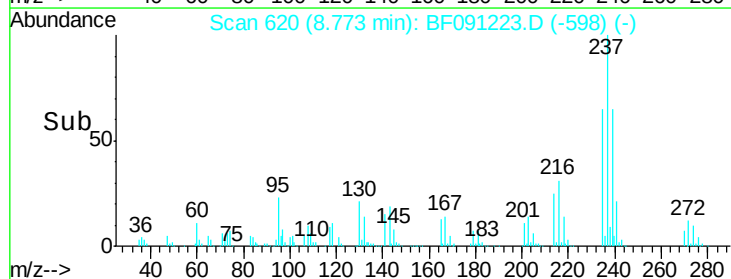
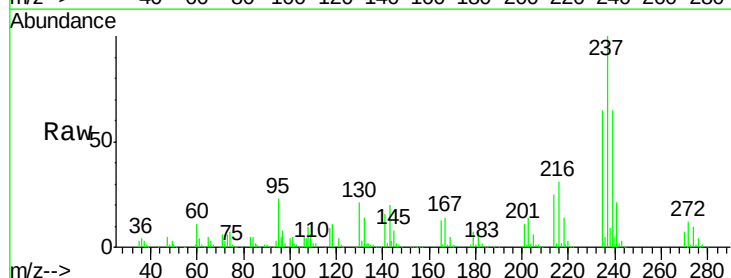
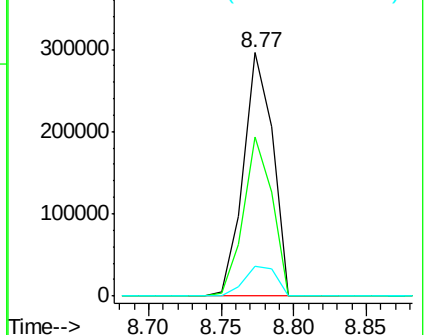
Tgt Ion:237 Resp: 415911

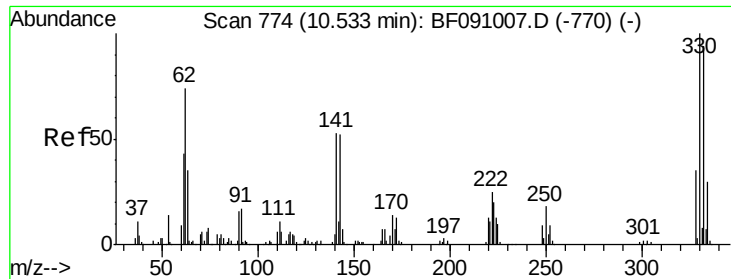
Ion	Ratio	Lower	Upper
237	100		
235	65.4	42.1	82.1
272	12.4	0.0	33.1

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

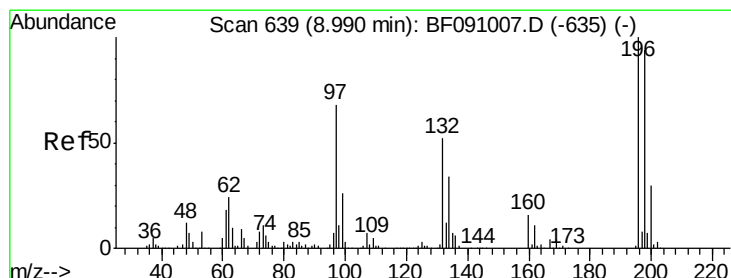
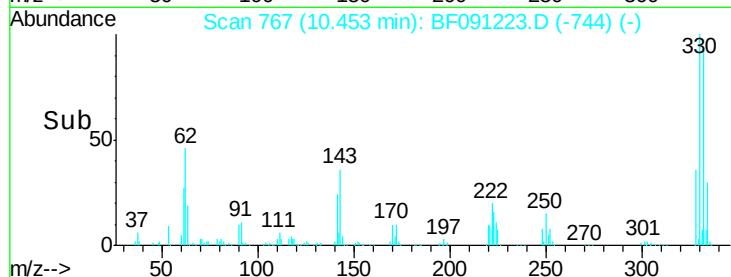
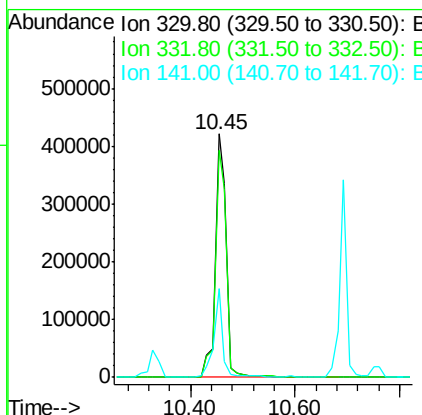
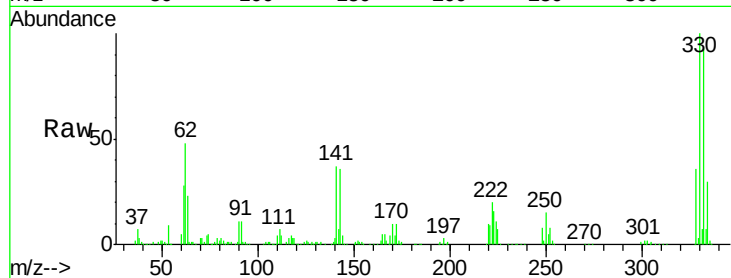




#41
 2,4,6-Tribromophenol
 Concen: 139.47 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

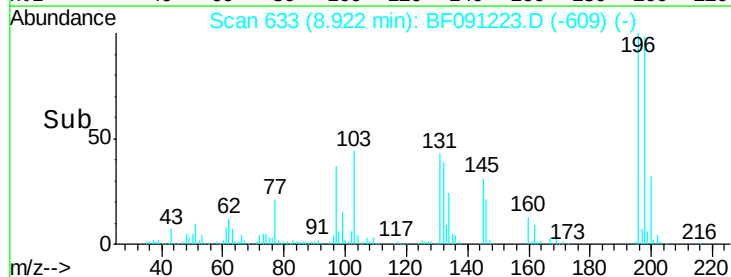
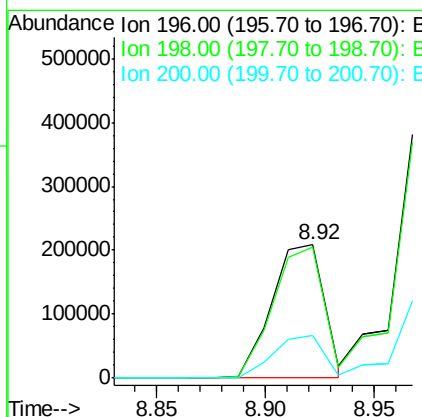
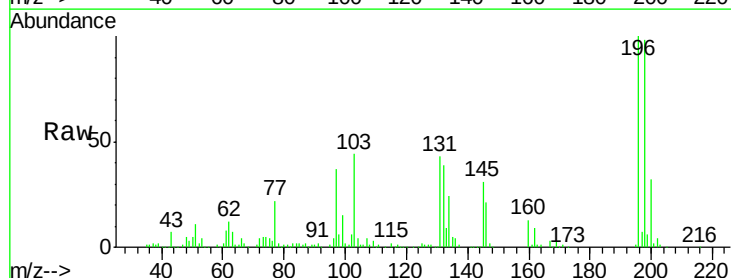
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

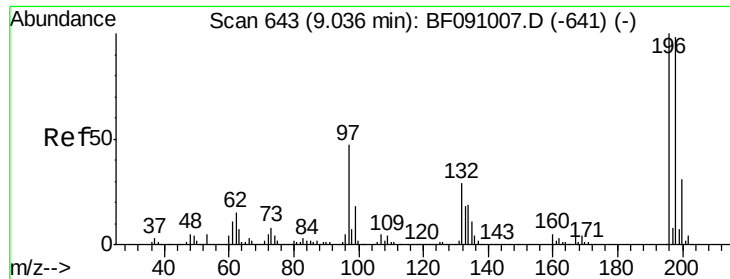
Tot Ion:330 Resp: 616353
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 29.0 36.1 54.1#



#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

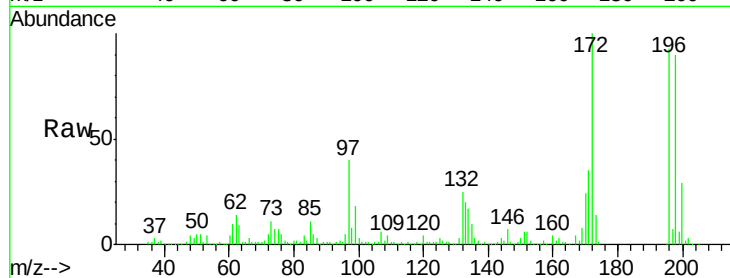




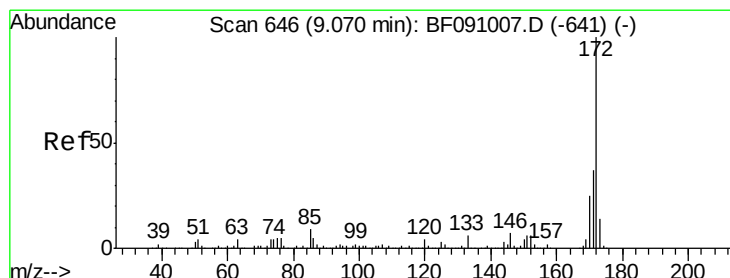
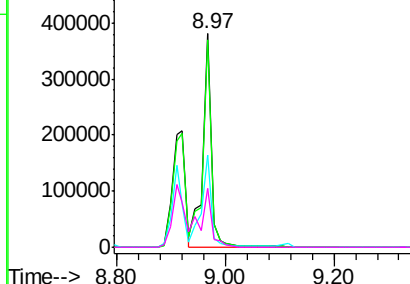
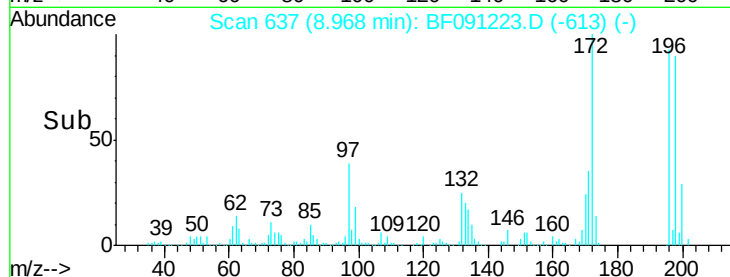
#43
 2,4,5-Trichlorophenol
 Concen: 48.98 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot 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

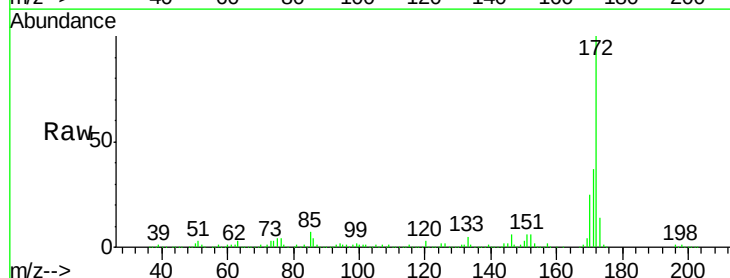


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

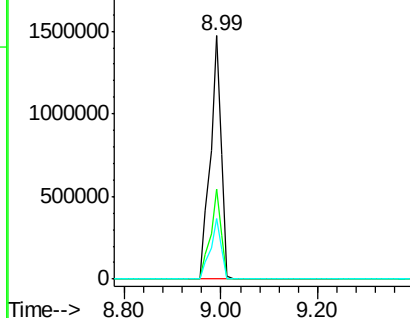
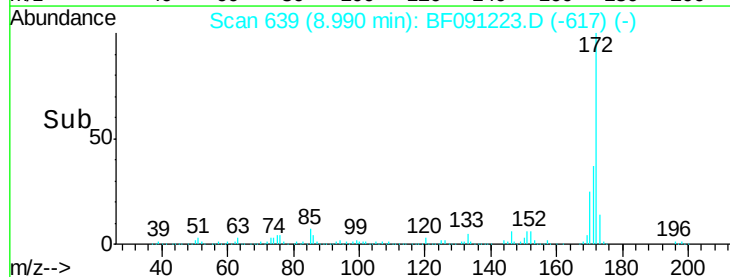


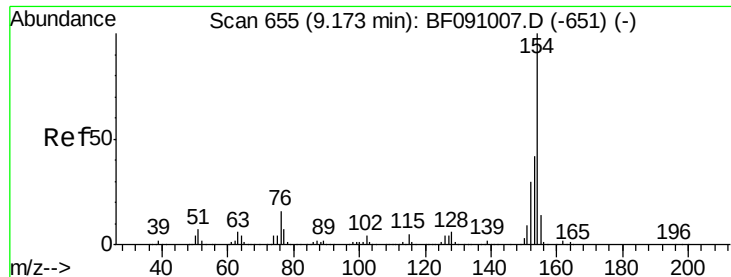
#44
 2-Fluorobiphenyl
 Concen: 83.48 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

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

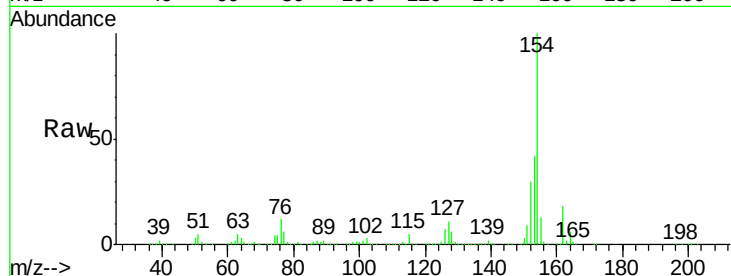
Tot Ion:154 Resp: 1478434

Ion Ratio Lower Upper

154 100

153 41.8 21.6 61.6

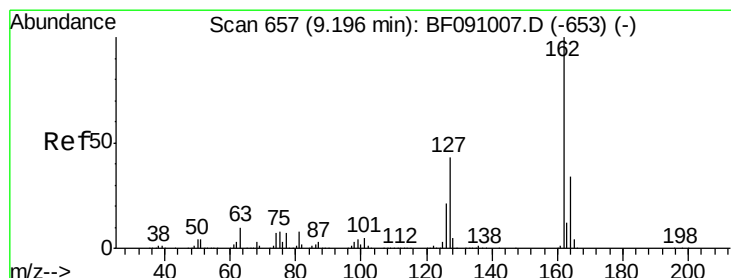
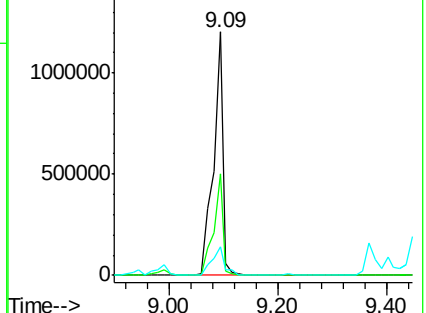
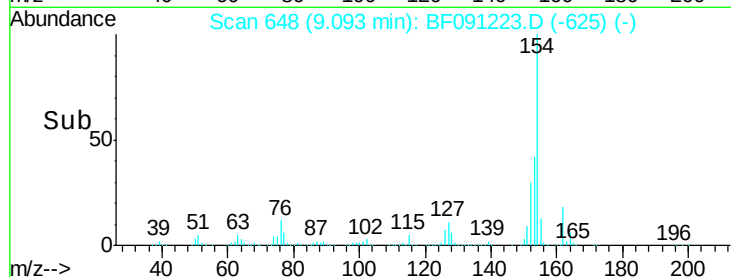
76 11.9 0.0 36.2



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

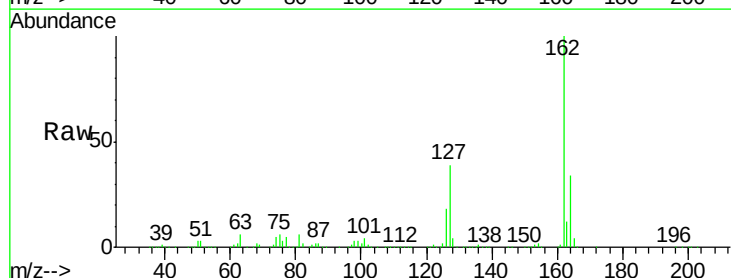
Tgt Ion:162 Resp: 1165245

Ion Ratio Lower Upper

162 100

127 39.0 34.7 52.1

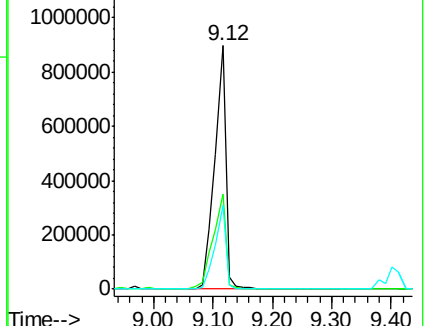
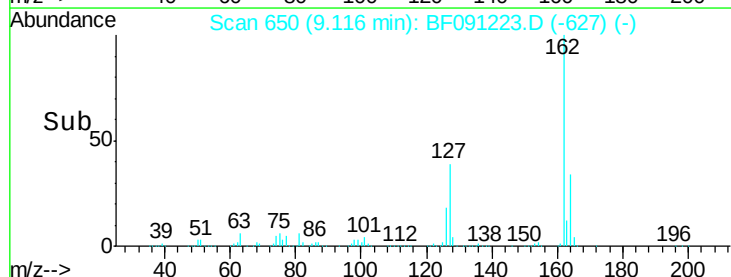
164 34.2 27.0 40.4

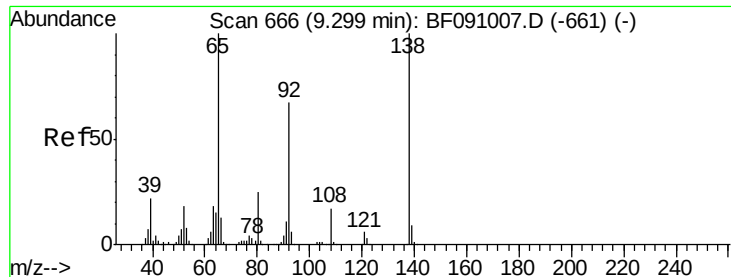


Abundance Ion 162.00 (161.70 to 162.70): E

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

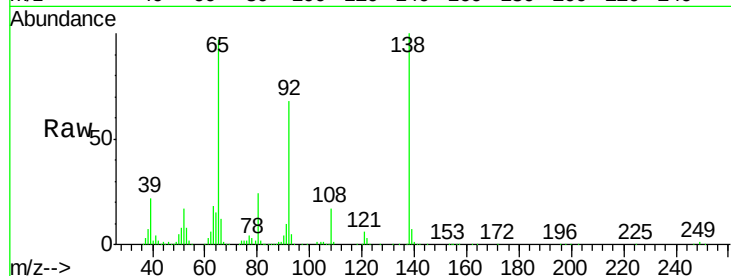
Tot Ion: 65 Resp: 320692

Ion Ratio Lower Upper

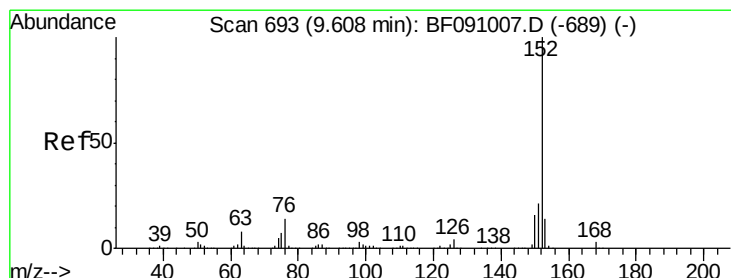
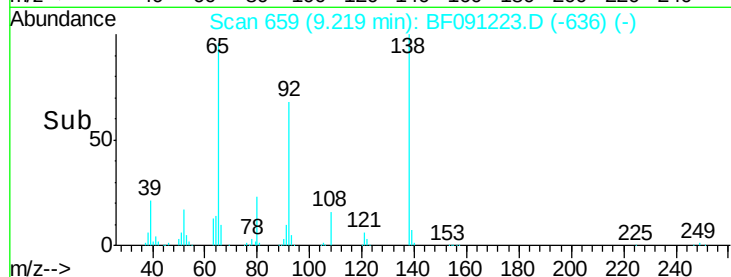
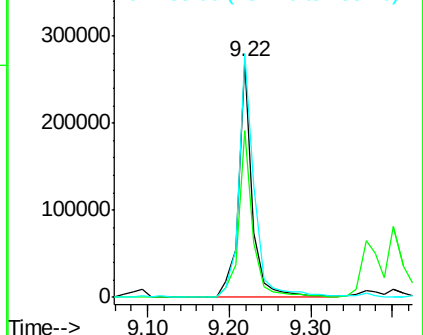
65 100

92 70.6 53.9 80.9

138 103.5 80.1 120.1



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



#48

Acenaphthylene

Concen: 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

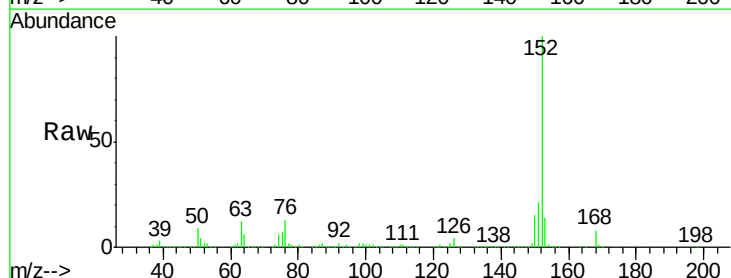
Tgt Ion: 152 Resp: 1724451

Ion Ratio Lower Upper

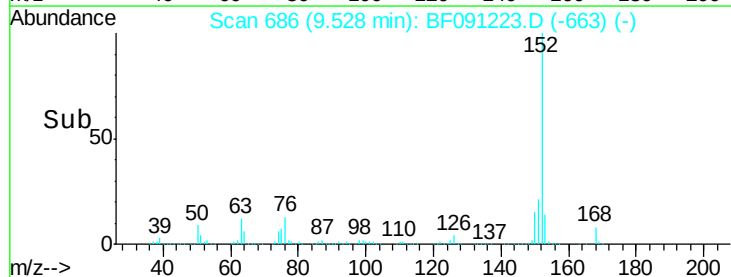
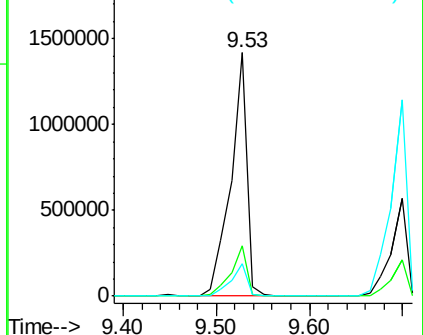
152 100

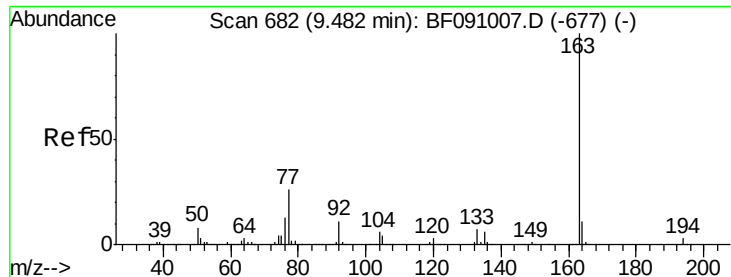
151 20.9 16.7 25.1

153 13.6 11.1 16.7



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





#49

Dimethylphthalate

Concen: 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

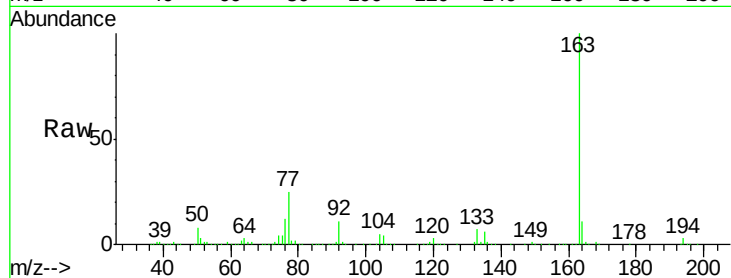
Tot Ion:163 Resp: 1362238

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

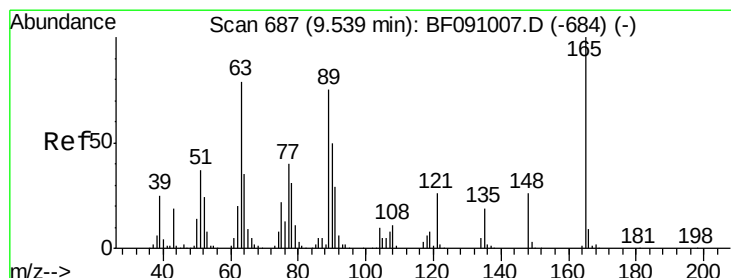
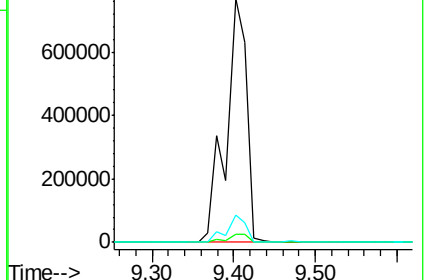
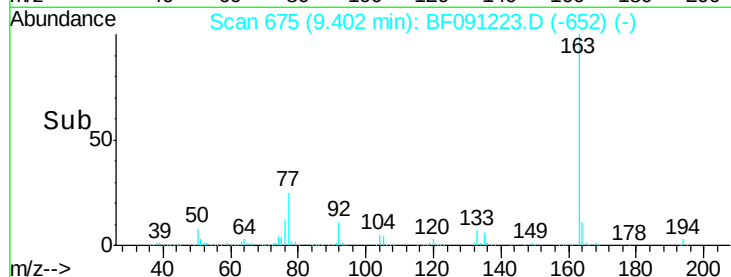
164 11.0 8.7 13.1



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

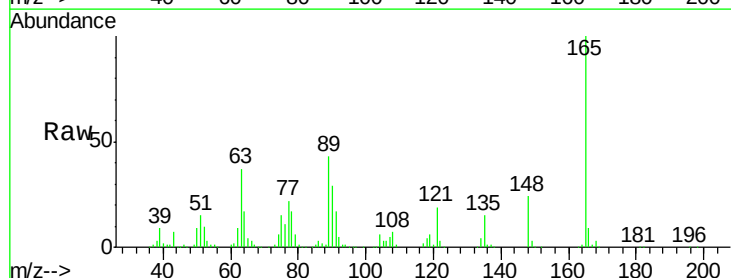
Tgt Ion:165 Resp: 338495

Ion Ratio Lower Upper

165 100

63 37.0 65.6 98.4#

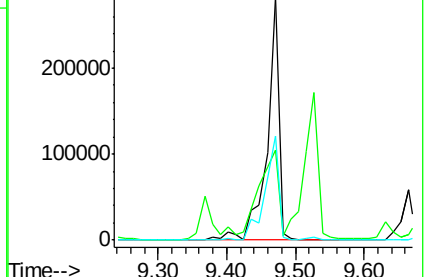
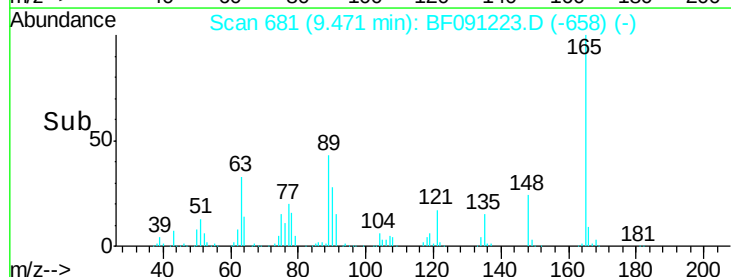
89 42.8 59.8 89.6#

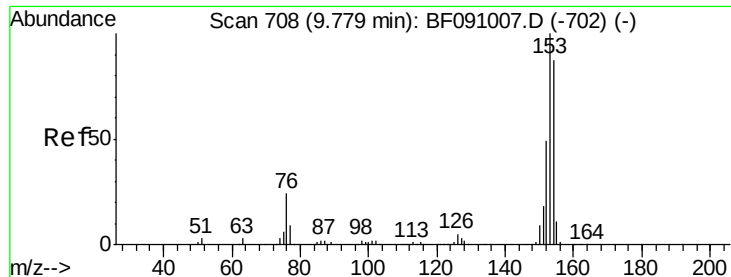


Abundance Ion 165.00 (164.70 to 165.70): E

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

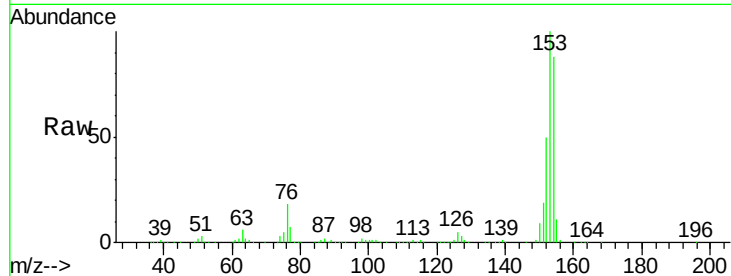
Tot Ion:154 Resp: 1177883

Ion Ratio Lower Upper

154 100

153 114.0 91.6 137.4

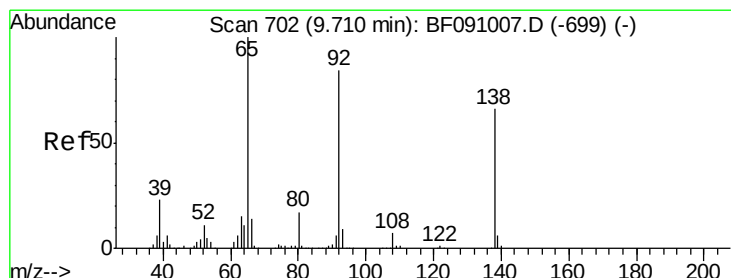
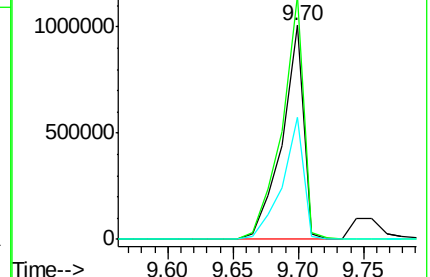
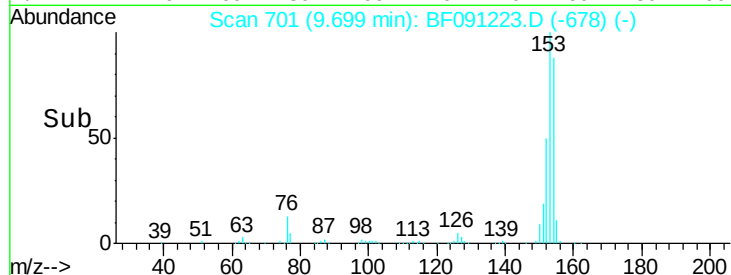
152 56.9 44.6 67.0



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

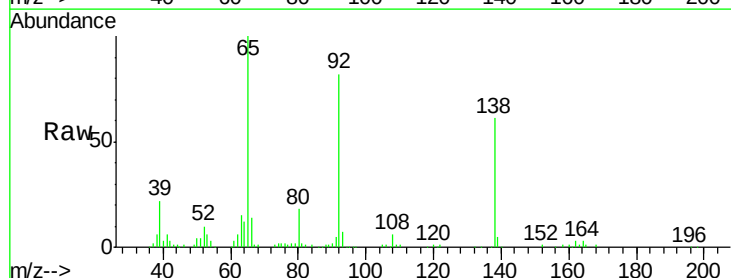
Tgt Ion:138 Resp: 137215

Ion Ratio Lower Upper

138 100

108 10.5 8.4 12.6

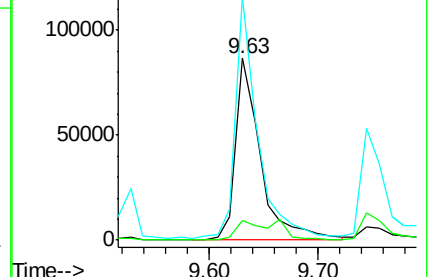
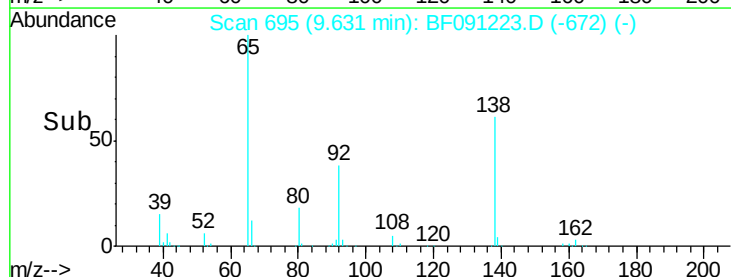
92 134.1 101.1 151.7

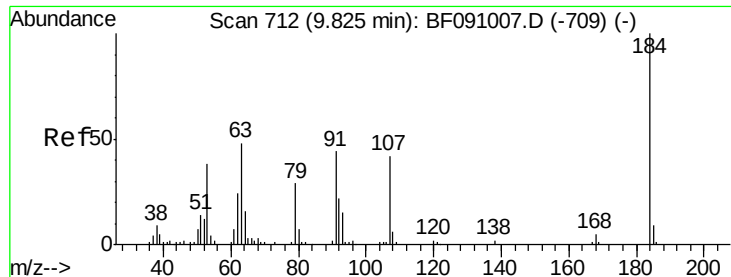


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

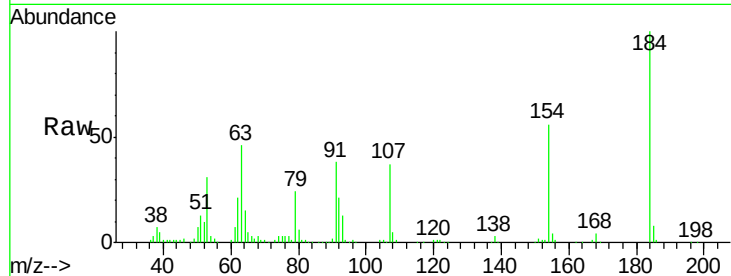




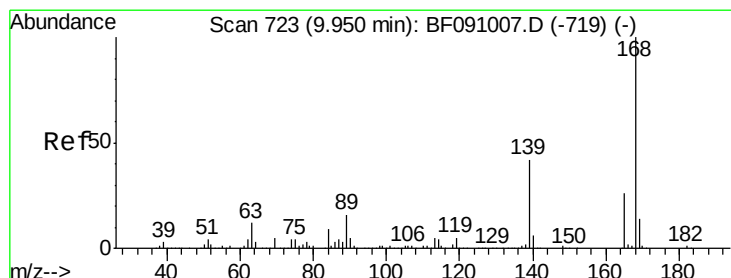
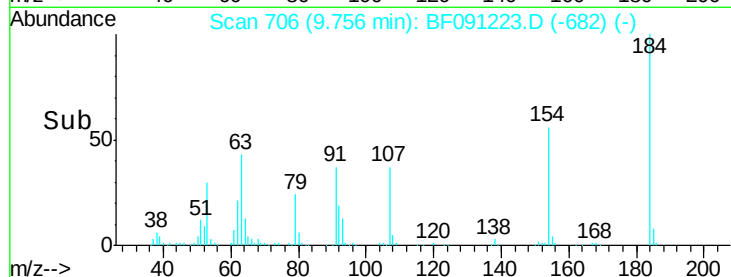
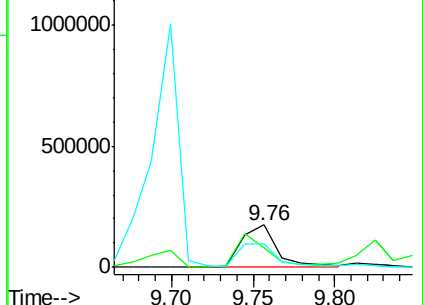
#53
 2,4-Dinitrophenol
 Concen: 71.88 ng
 RT: 9.76 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

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

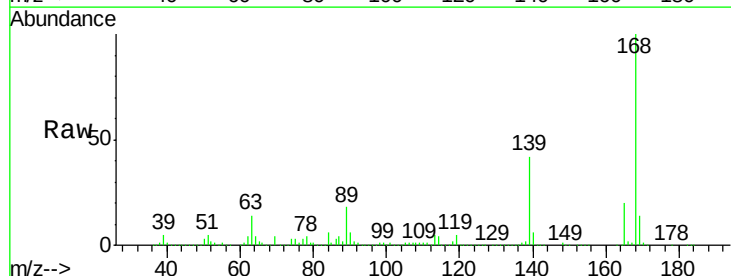


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

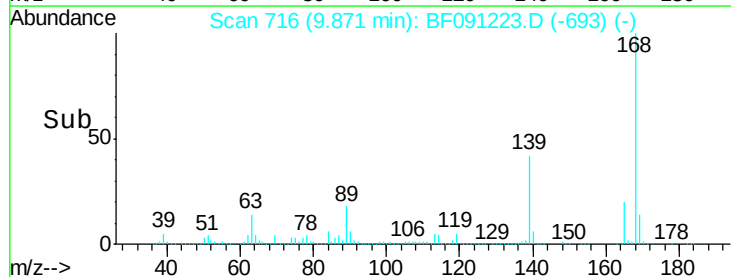
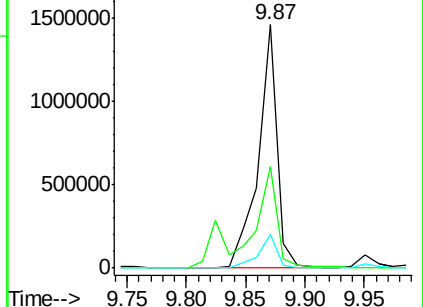


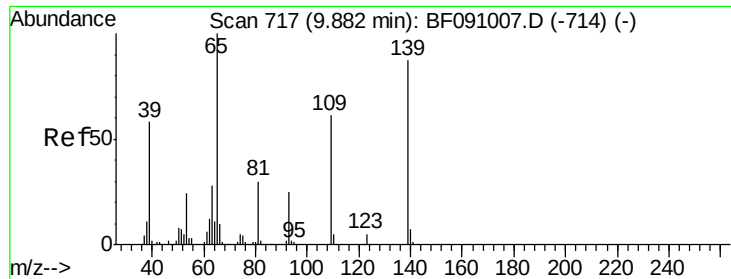
#54
 Dibenzofuran
 Concen: 45.38 ng
 RT: 9.87 min Scan# 716
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

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

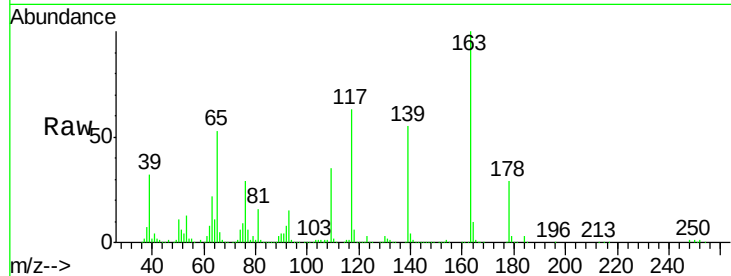
Tot Ion:139 Resp: 279144

Ion Ratio Lower Upper

139 100

109 64.7 50.5 90.5

65 96.4 97.1 137.1#

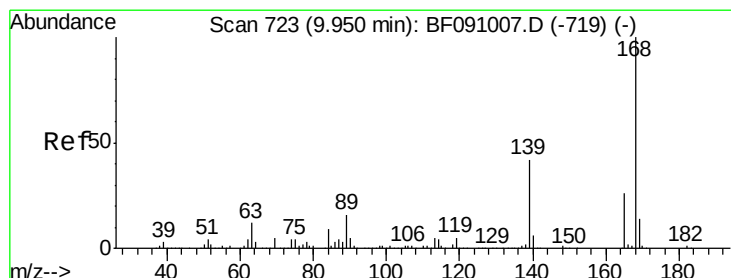
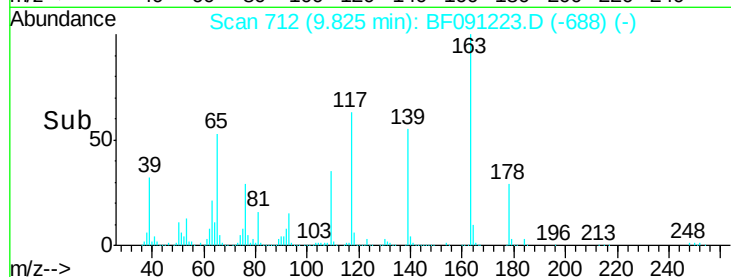
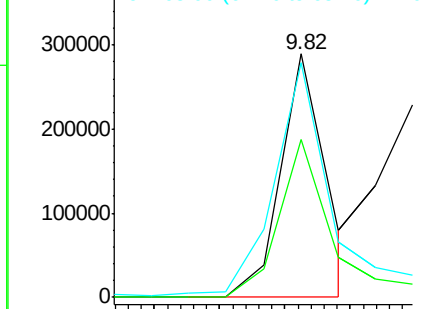


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#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

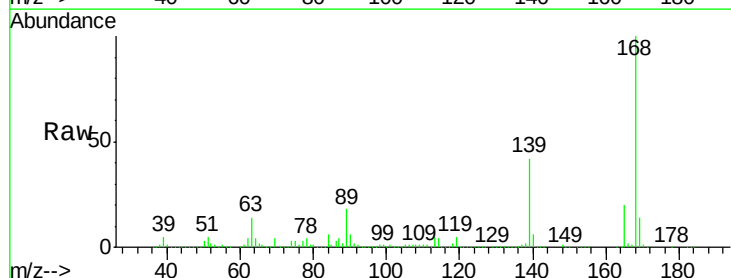
Ion Ratio Lower Upper

165 100

63 66.9 38.7 58.1#

89 89.6 50.6 76.0#

182 2.1 1.8 2.8



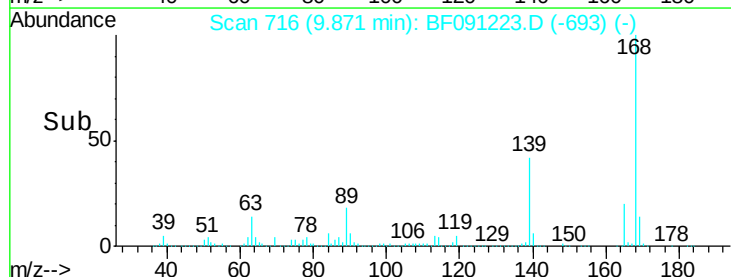
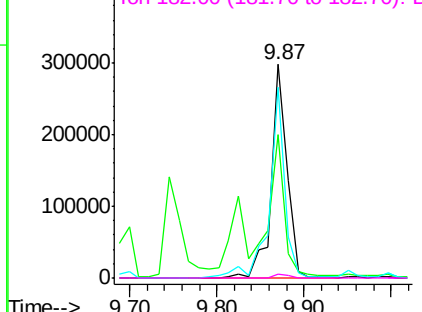
Abundance

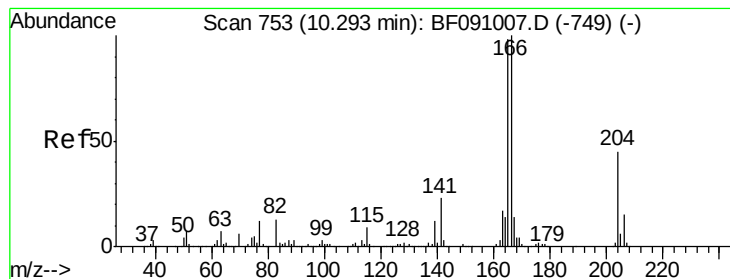
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 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

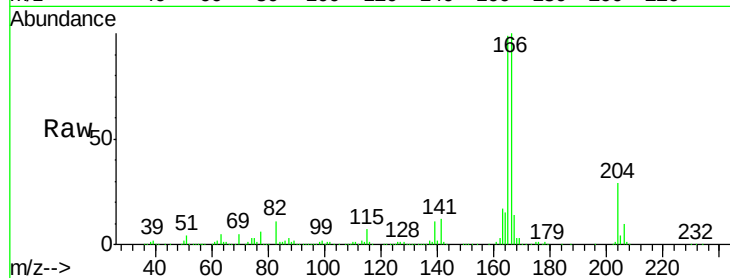
Tot Ion:166 Resp: 1289856

Ion Ratio Lower Upper

166 100

165 99.2 78.6 118.0

167 13.9 11.1 16.7

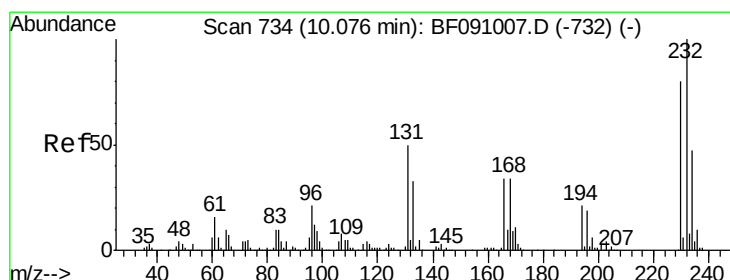
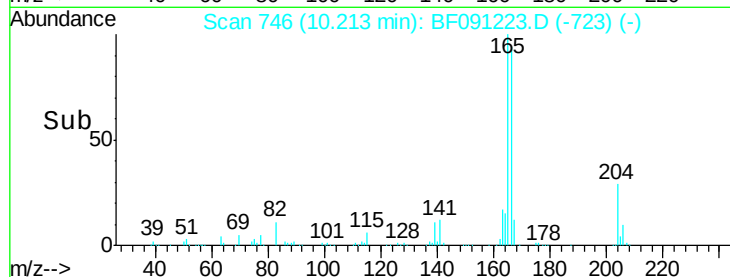
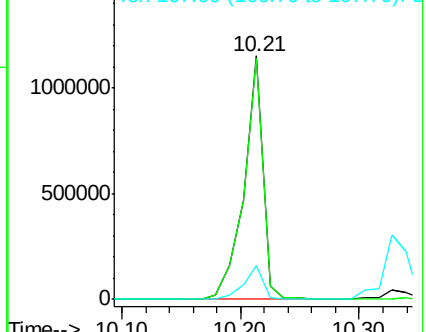


Abundance

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

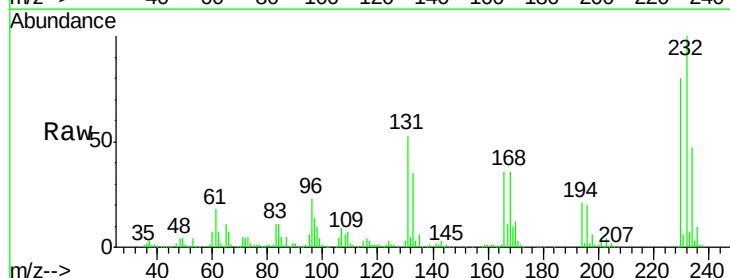
Ion Ratio Lower Upper

232 100

131 49.8 43.6 65.4

130 2.7 2.0 3.0

166 31.7 27.4 41.2



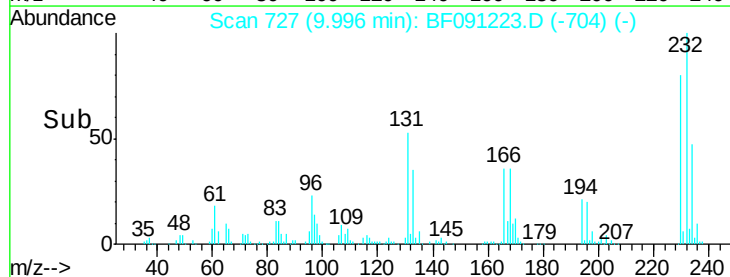
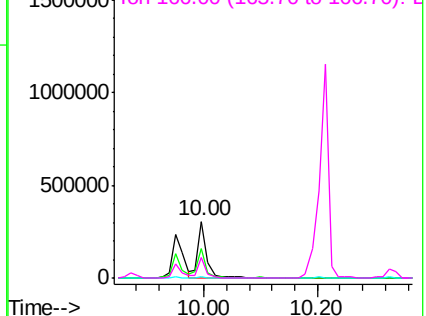
Abundance

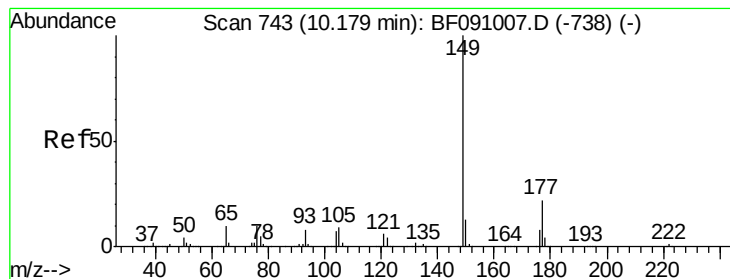
Ion 232.00 (231.70 to 232.70): E

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

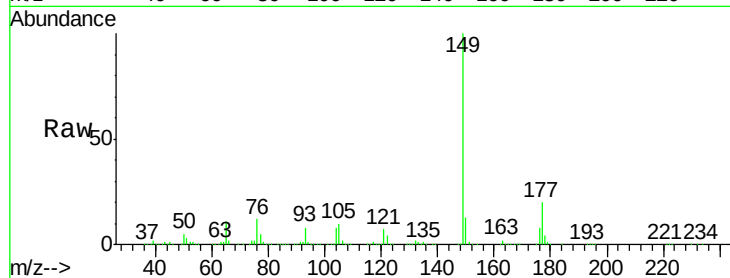
Tot Ion:149 Resp: 1433514

Ion Ratio Lower Upper

149 100

177 19.8 17.3 25.9

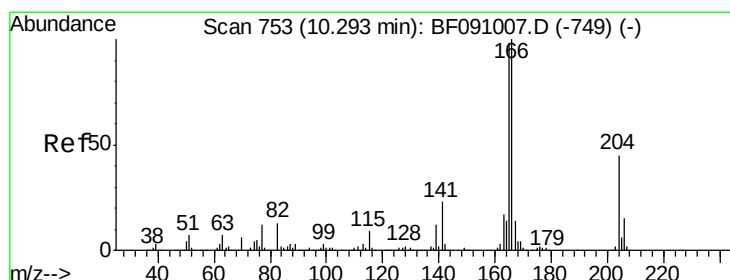
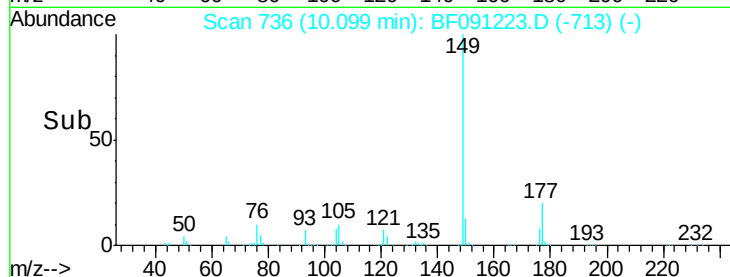
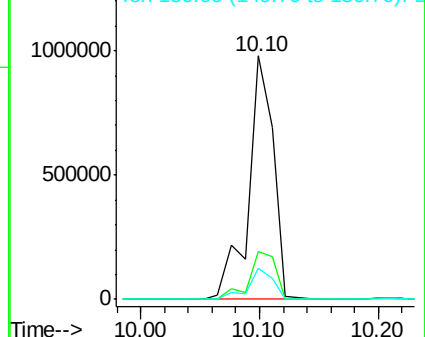
150 13.0 10.3 15.5



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

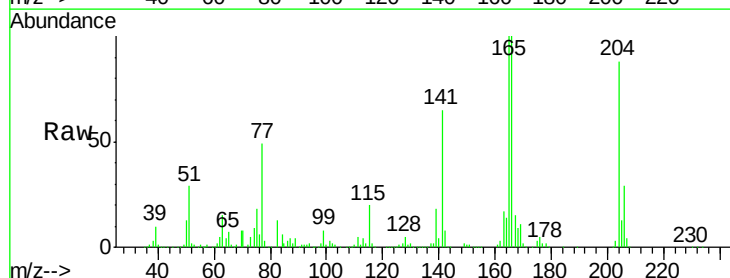
Tgt Ion:204 Resp: 586978

Ion Ratio Lower Upper

204 100

206 32.8 27.1 40.7

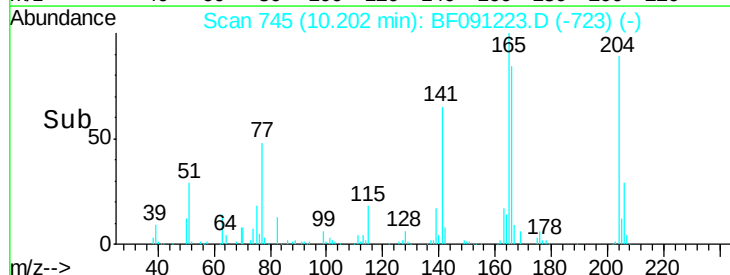
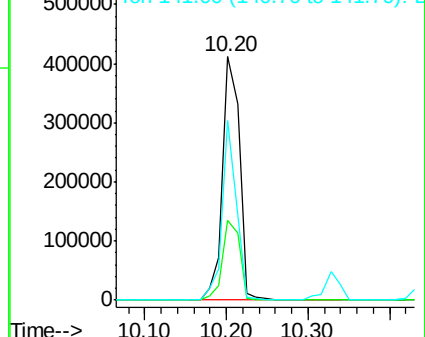
141 73.9 40.1 60.1#

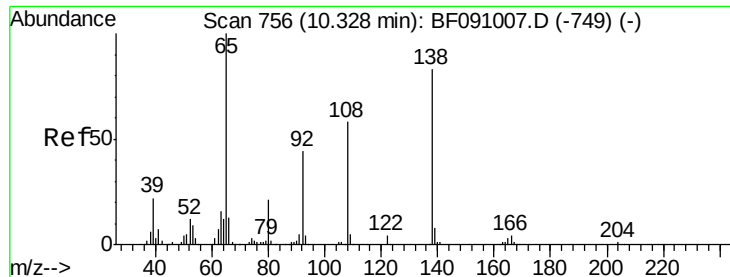


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

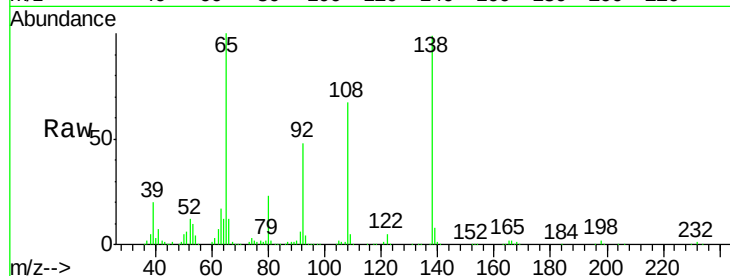




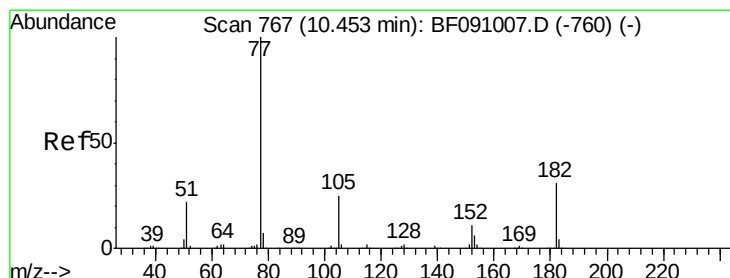
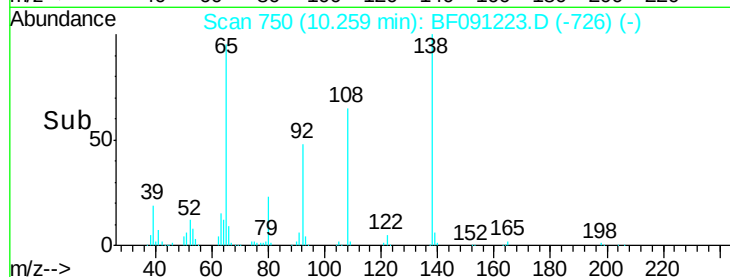
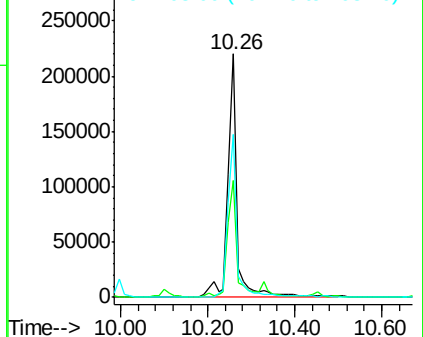
#61
4-Nitroaniline
Concen: 38.72 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion:138 Resp: 319121
Ion Ratio Lower Upper
138 100
92 48.1 32.5 72.5
108 67.2 49.4 89.4

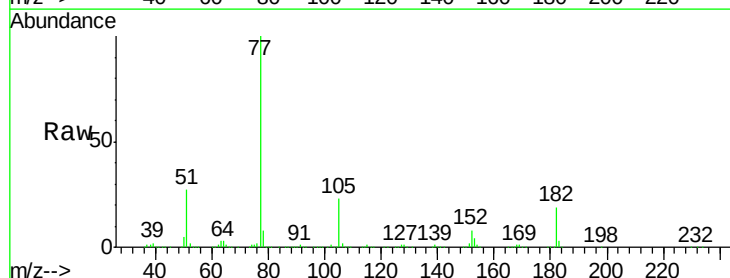


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

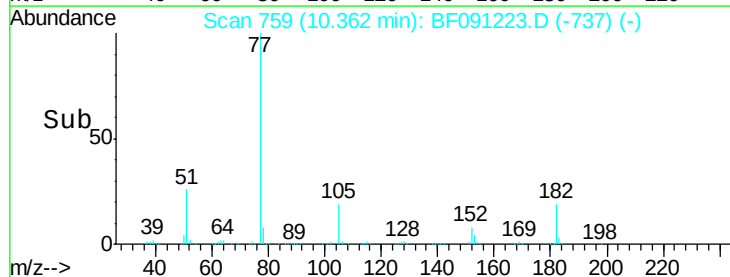
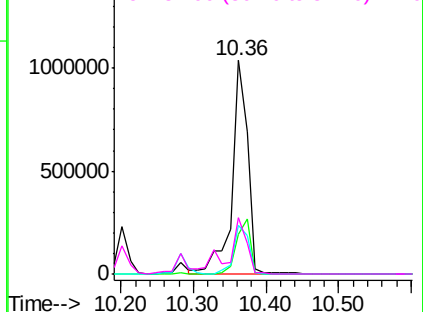


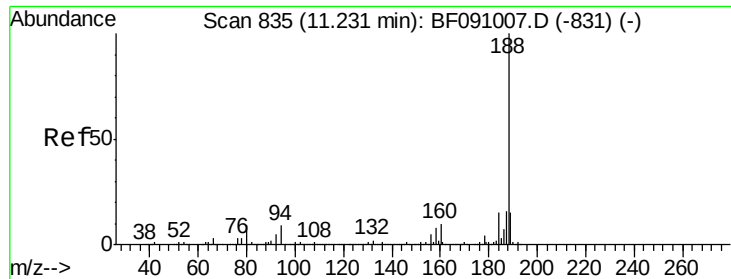
#62
Azobenzene
Concen: 39.90 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

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

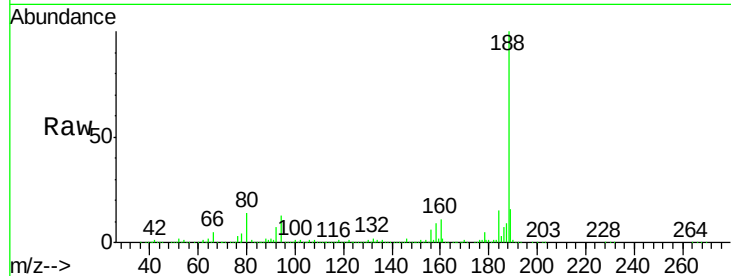
Tot Ion:188 Resp: 739097

Ion Ratio Lower Upper

188 100

94 13.1 7.0 10.4#

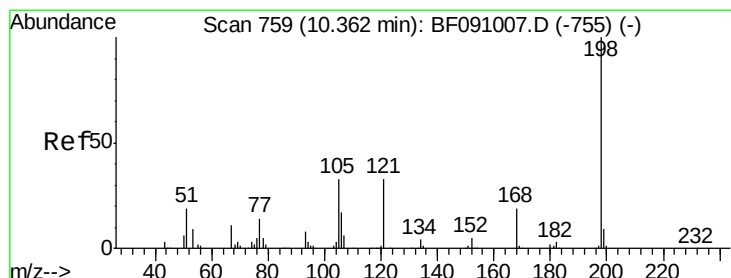
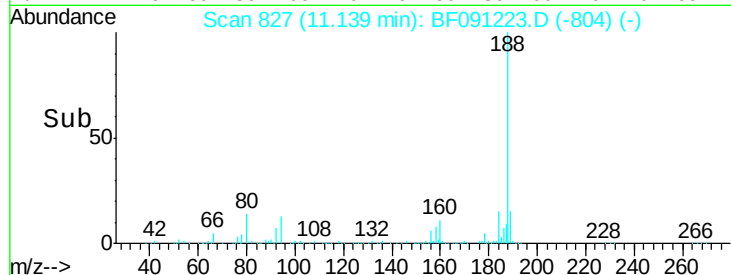
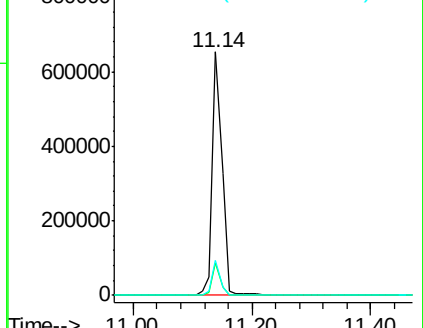
80 14.5 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 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

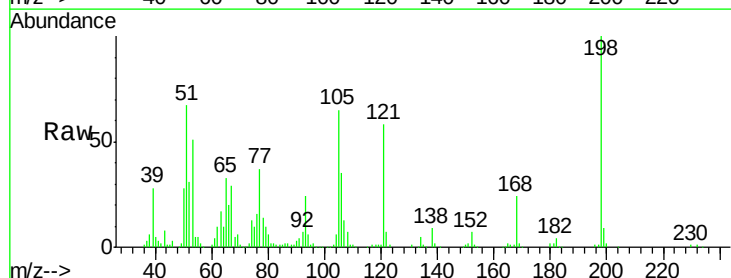
Tgt Ion:198 Resp: 190977

Ion Ratio Lower Upper

198 100

51 66.7 5.9 45.9#

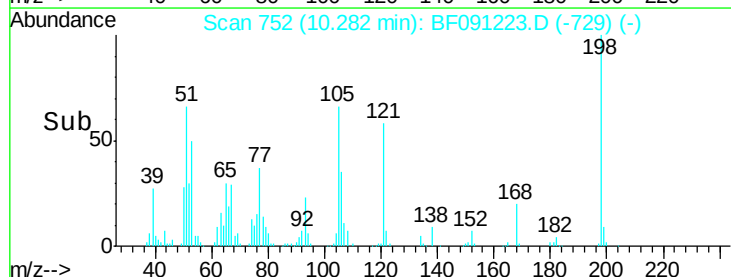
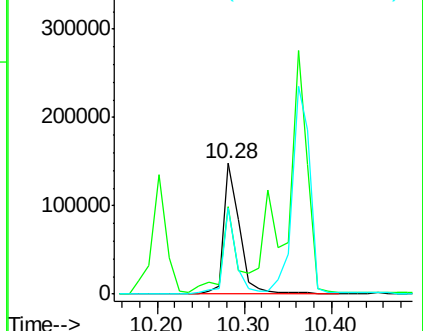
105 65.5 13.8 53.8#

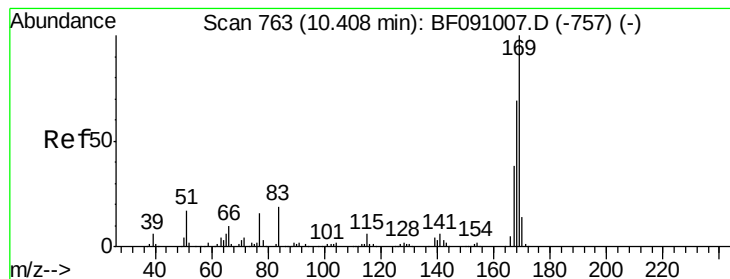


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 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 :

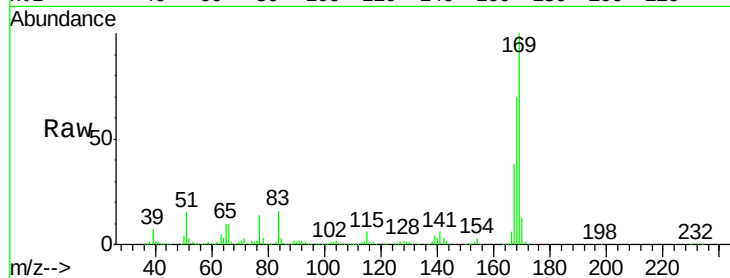
BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion:169 Resp: 1141460

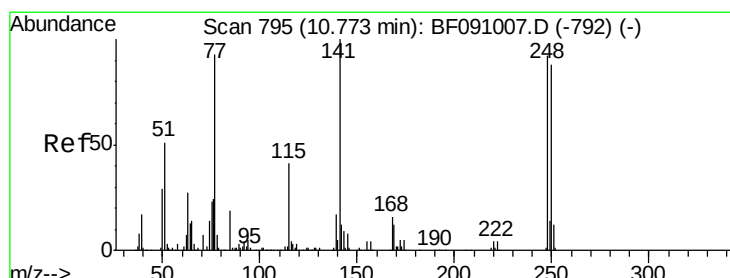
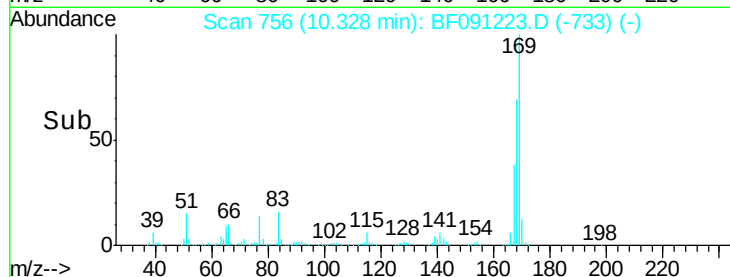
Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.3	82.9
167	38.5	30.3	45.5



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

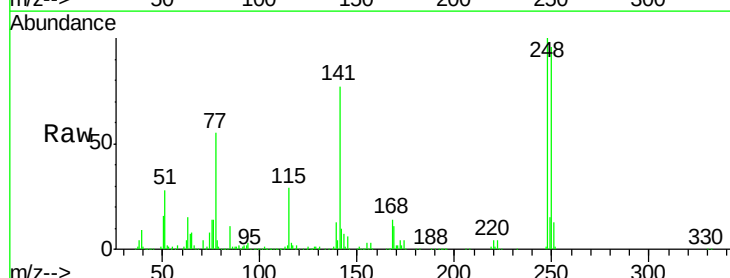
Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Tgt Ion:248 Resp: 394352

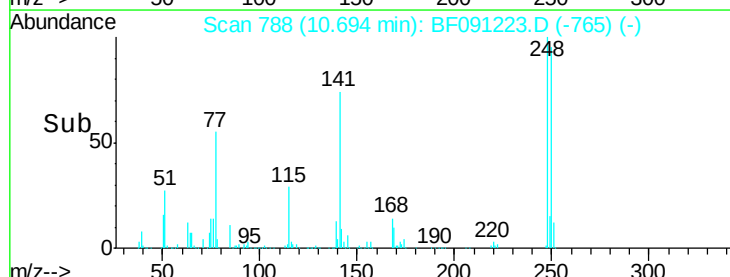
Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.3	114.5
141	77.3	86.8	130.2#

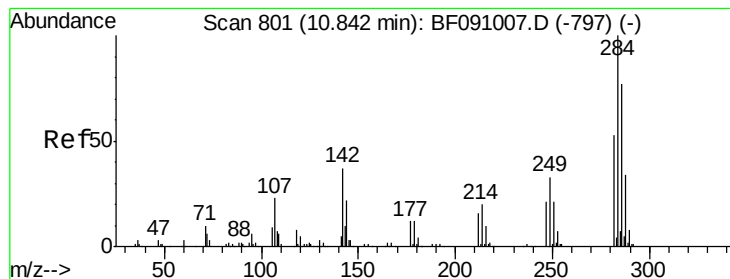


Abundance Ion 248.00 (247.70 to 248.70): E

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

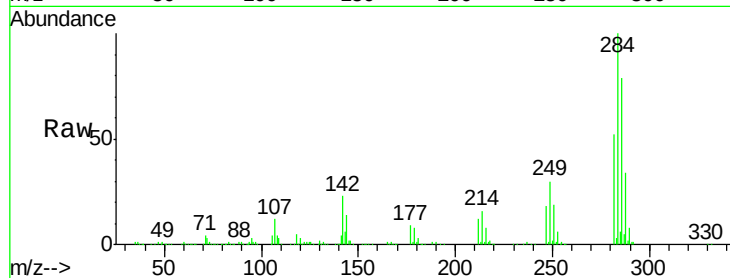
Tot Ion:284 Resp: 468659

Ion Ratio Lower Upper

284 100

142 22.9 29.9 44.9#

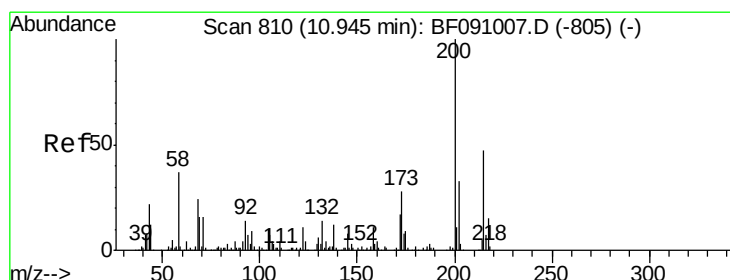
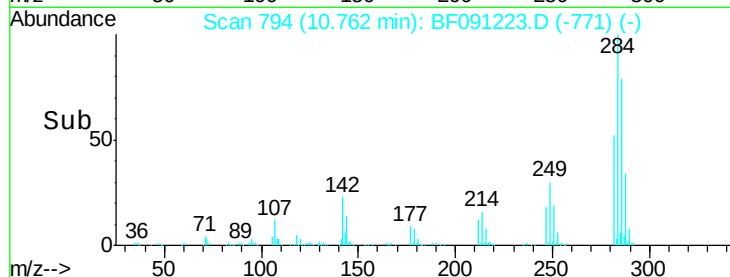
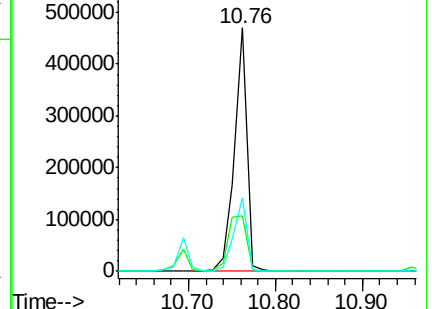
249 30.0 26.6 39.8



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

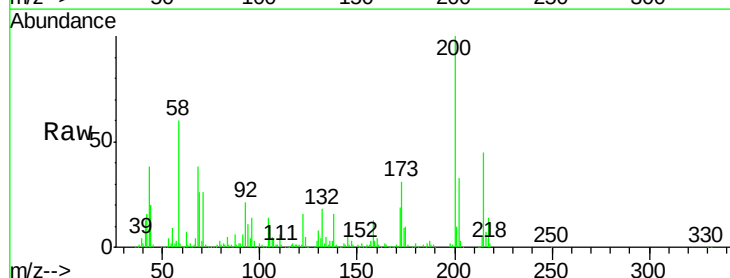
Tgt Ion:200 Resp: 322813

Ion Ratio Lower Upper

200 100

173 30.8 8.1 48.1

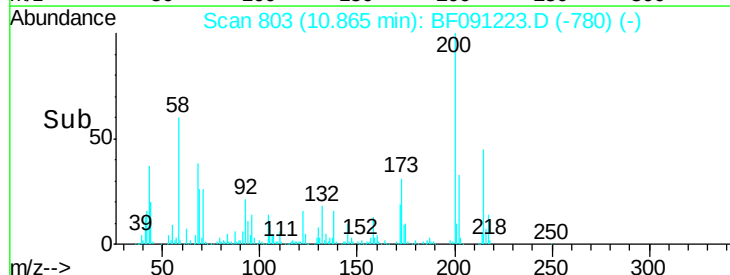
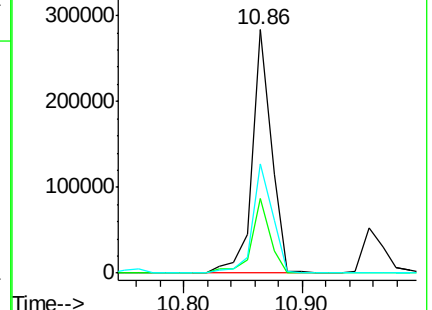
215 45.1 27.3 67.3

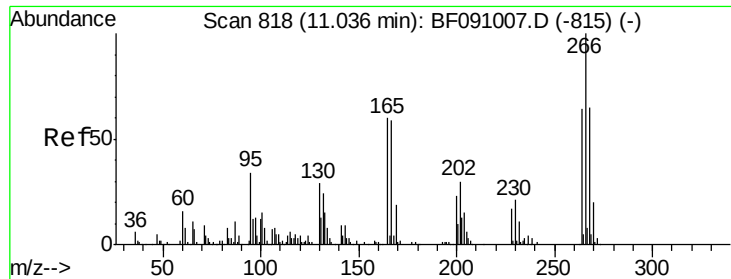


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

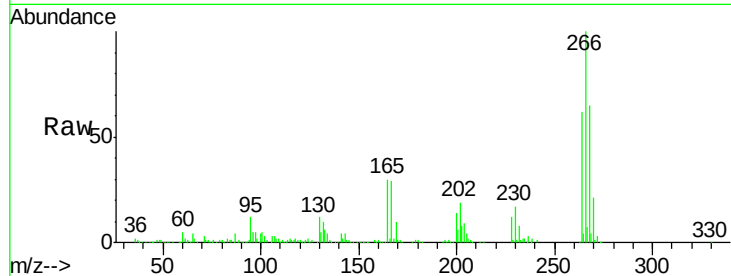




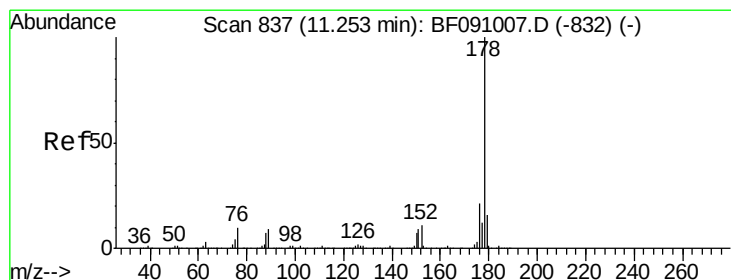
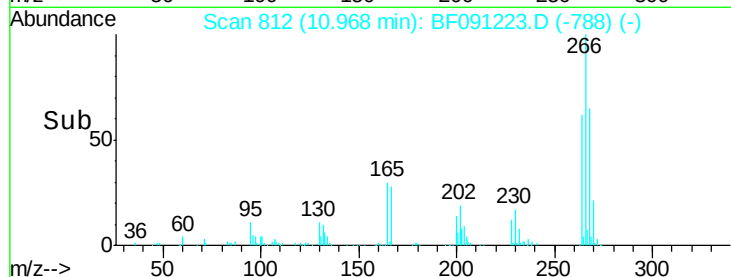
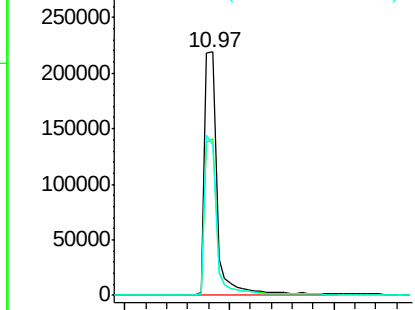
#69
 Pentachlorophenol
 Concen: 100.41 ng
 RT: 10.97 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.1	78.1
264	61.9	51.1	76.7

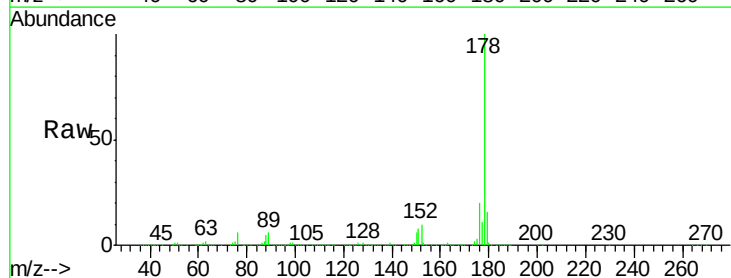


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

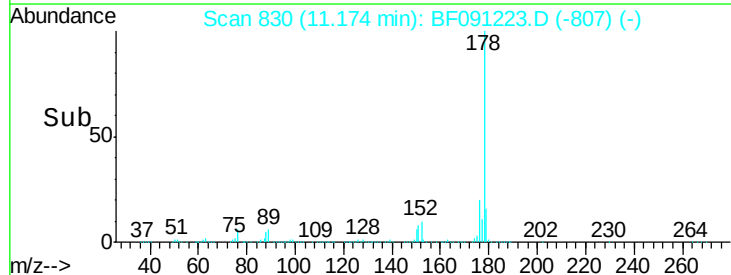
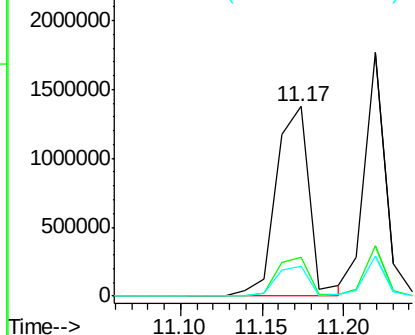


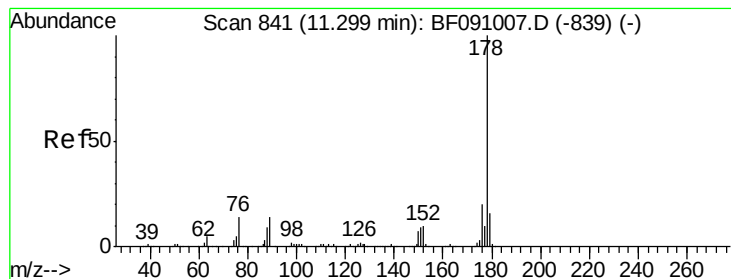
#70
 Phenanthrene
 Concen: 49.40 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Tgt Ion	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

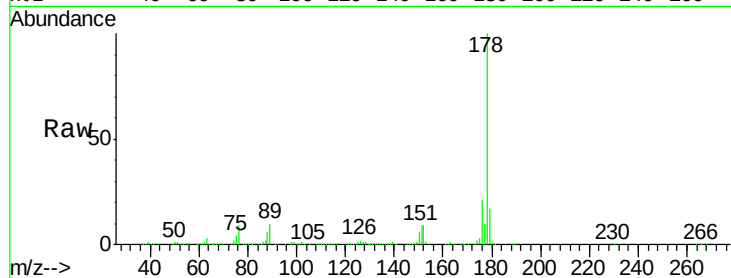
Tot Ion:178 Resp: 1628305

Ion Ratio Lower Upper

178 100

176 20.7 16.0 24.0

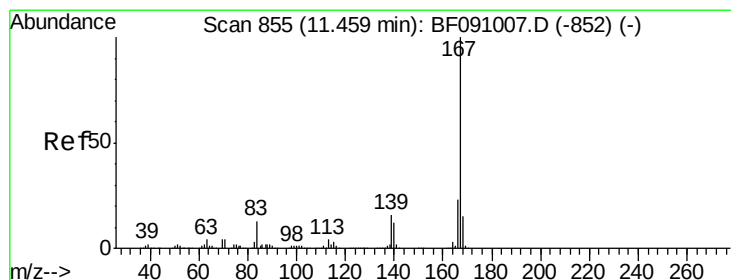
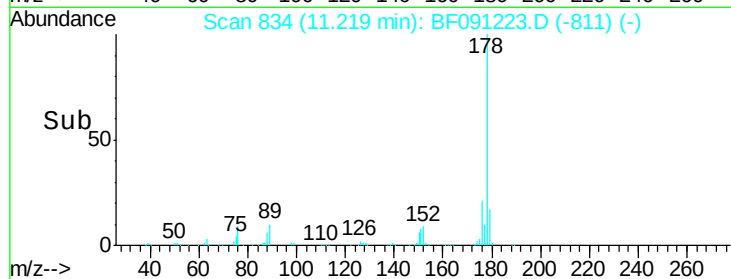
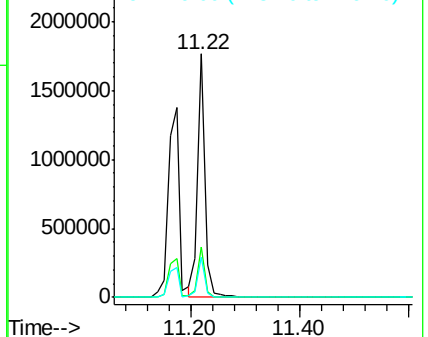
179 16.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 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

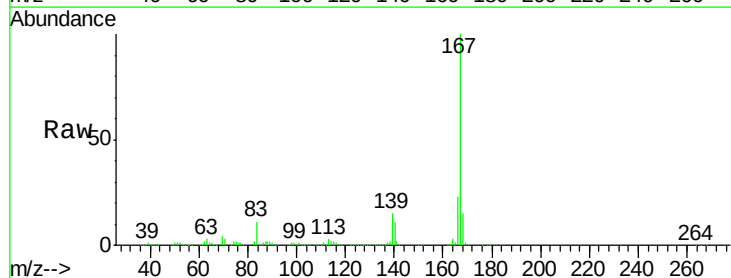
Tgt Ion:167 Resp: 1437848

Ion Ratio Lower Upper

167 100

166 23.0 18.0 27.0

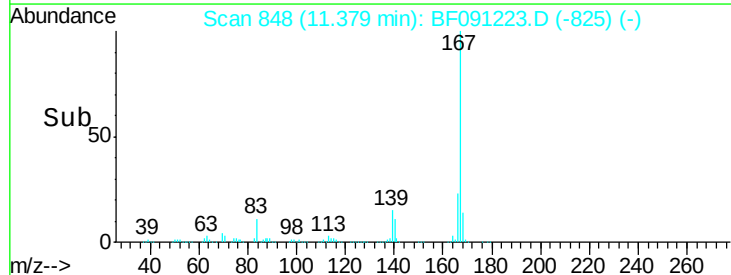
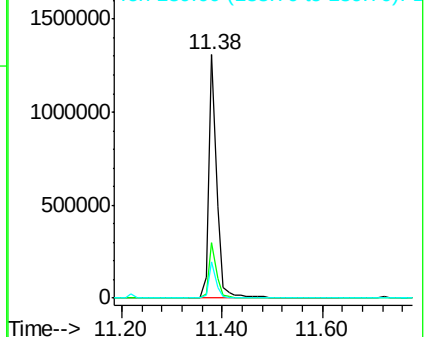
139 14.9 12.6 18.8

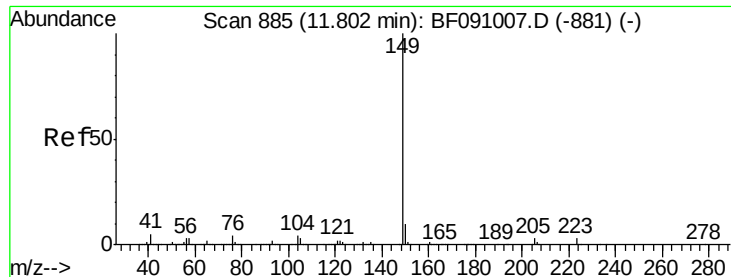


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

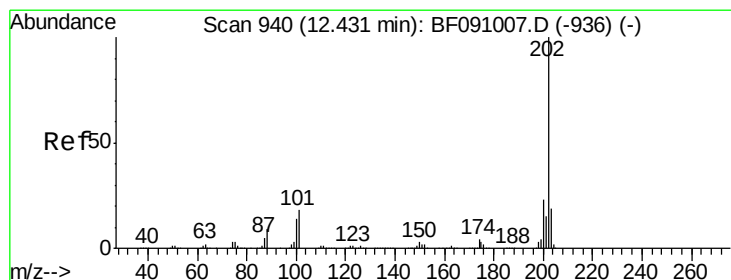
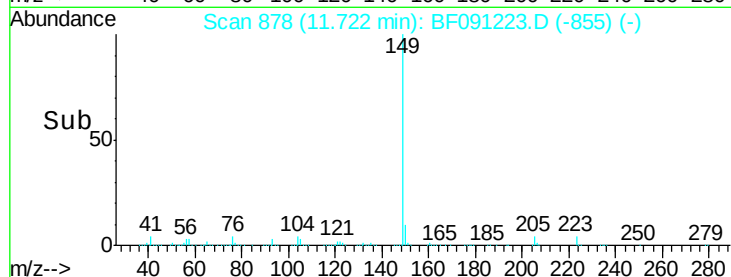
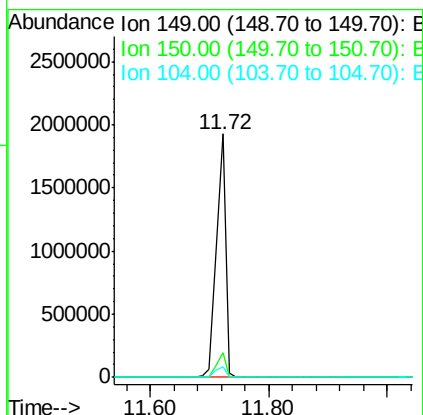
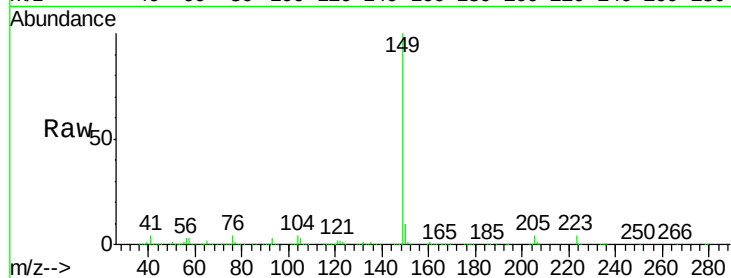




#73
Di-n-butylphthalate
Concen: 43.03 ng
RT: 11.72 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

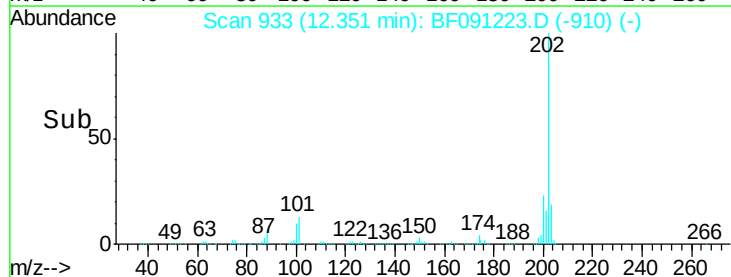
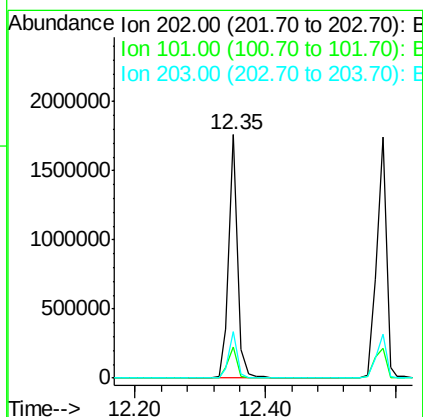
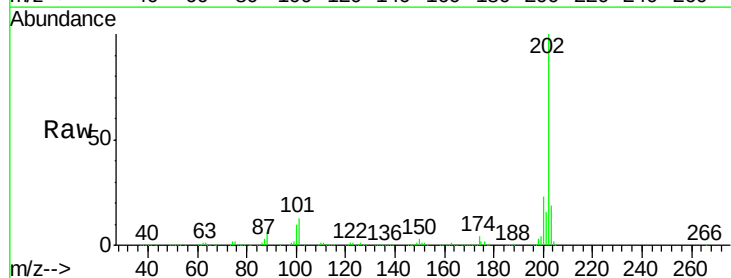
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

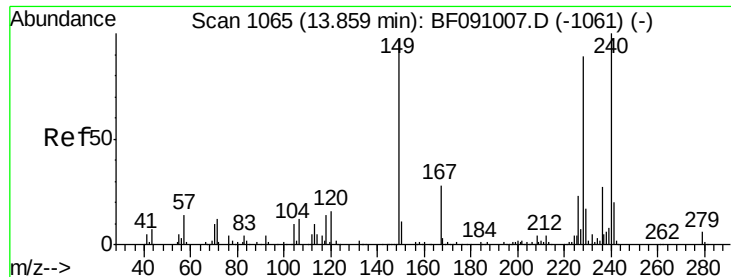
Tot Ion:149 Resp: 2036949
Ion Ratio Lower Upper
149 100
150 9.9 7.7 11.5
104 4.4 3.6 5.4



#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





#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

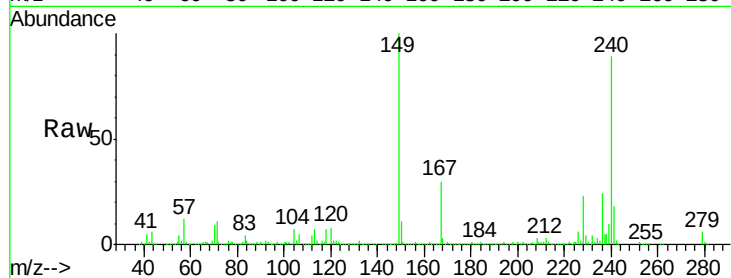
Tot Ion:240 Resp: 528665

Ion Ratio Lower Upper

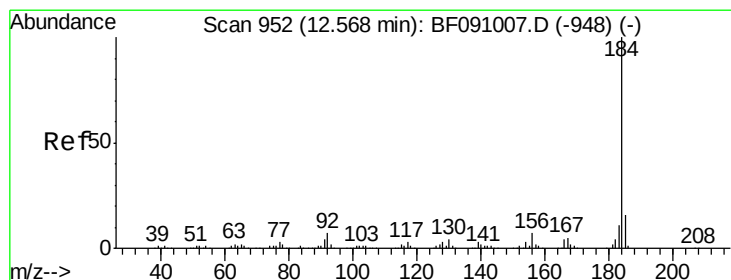
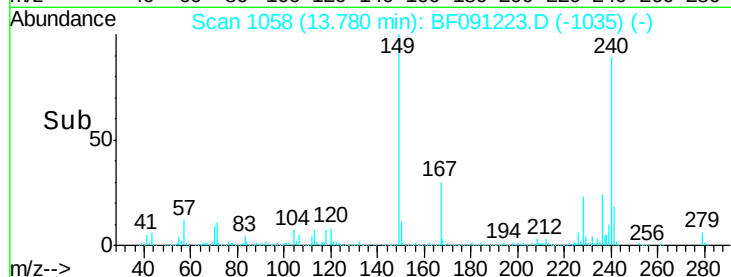
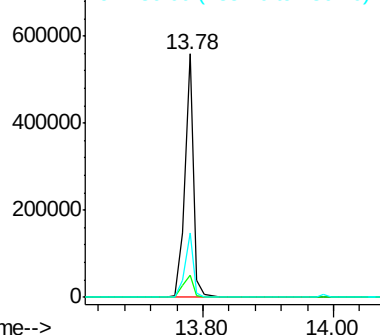
240 100

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

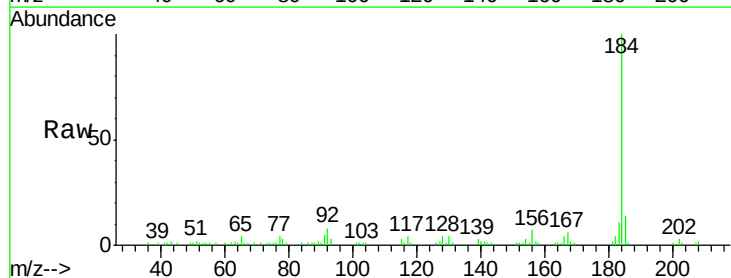
Tgt Ion:184 Resp: 92349

Ion Ratio Lower Upper

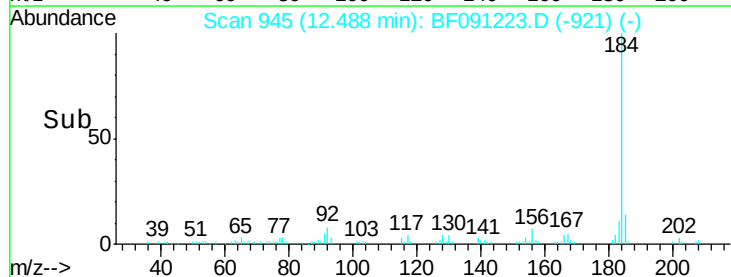
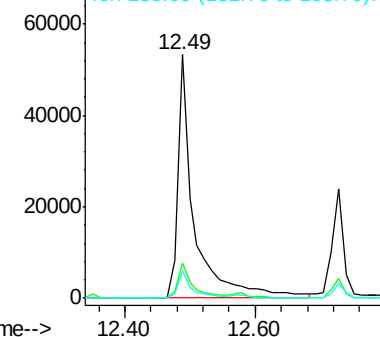
184 100

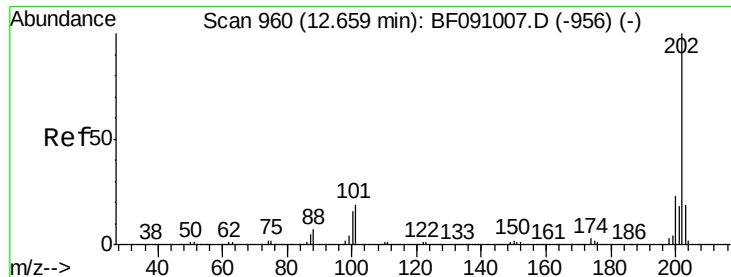
185 14.5 13.0 19.4

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

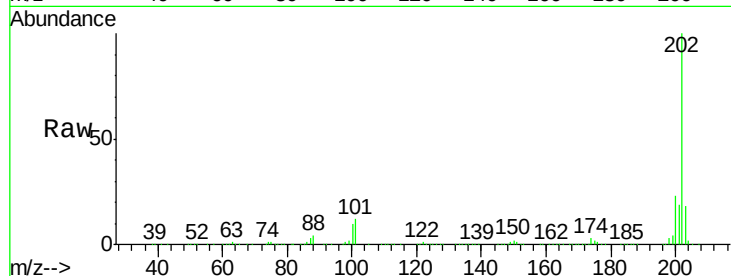




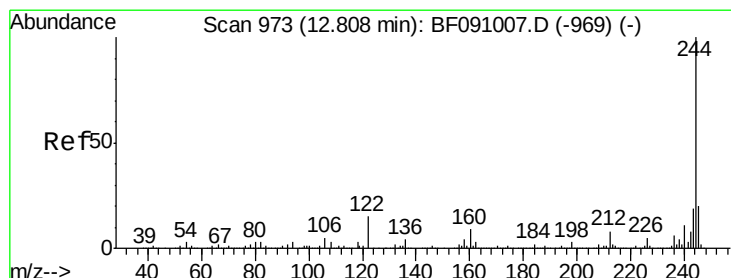
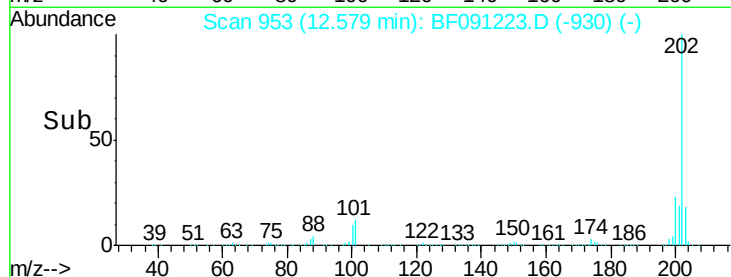
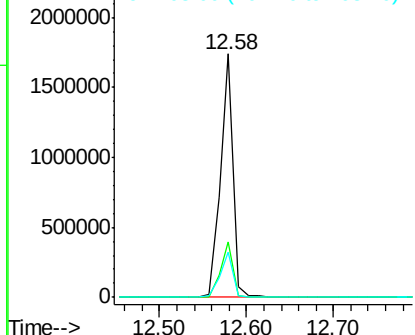
#77
Pvrene
Concen: 51.44 ng
RT: 12.58 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

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

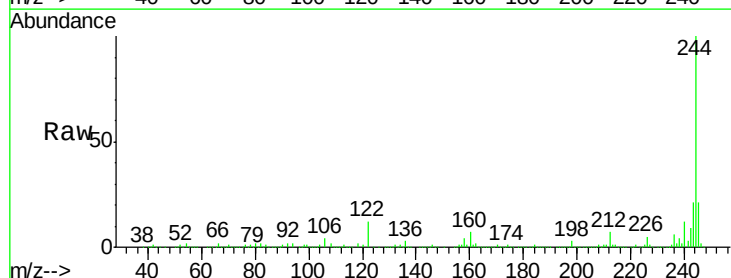


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

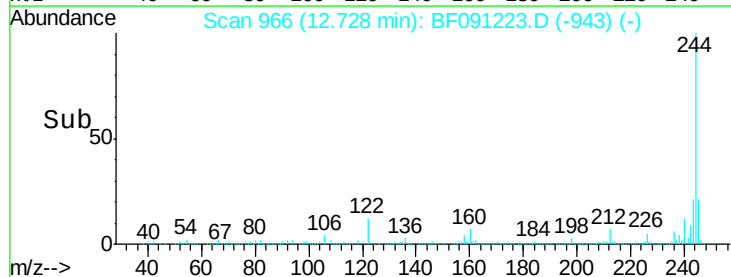
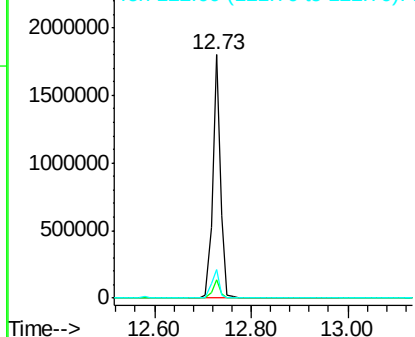


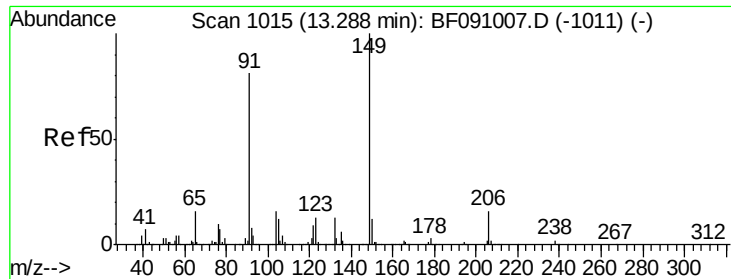
#78
Terphenyl-d14
Concen: 98.45 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

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

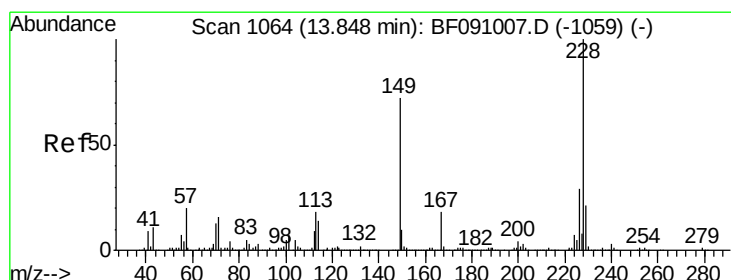
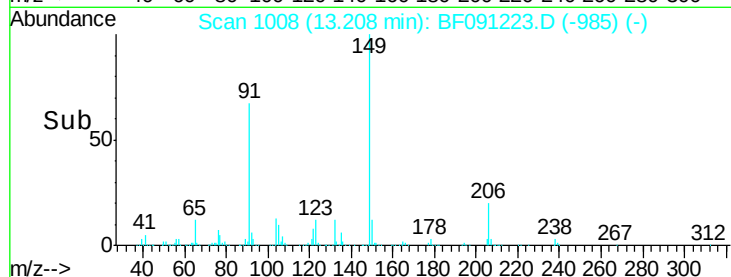
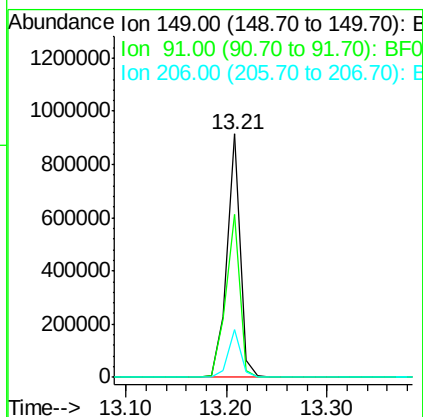
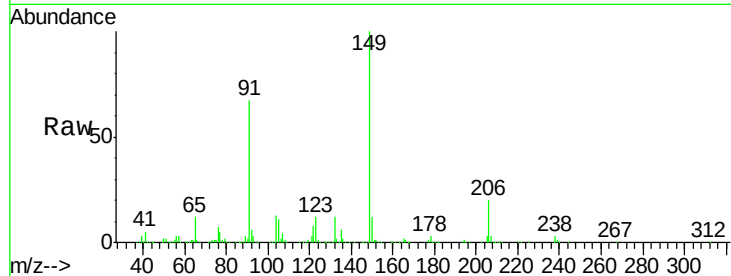




#79
Butylbenzylphthalate
Concen: 50.84 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

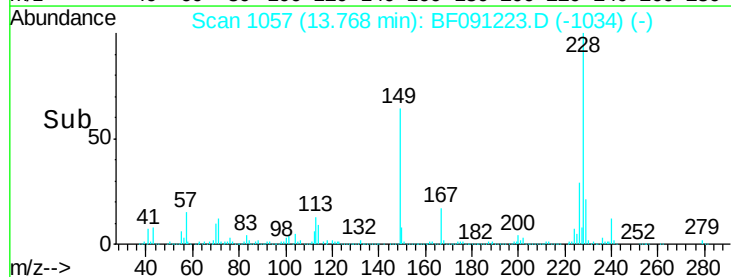
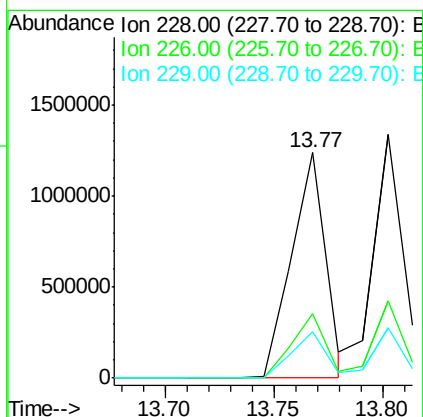
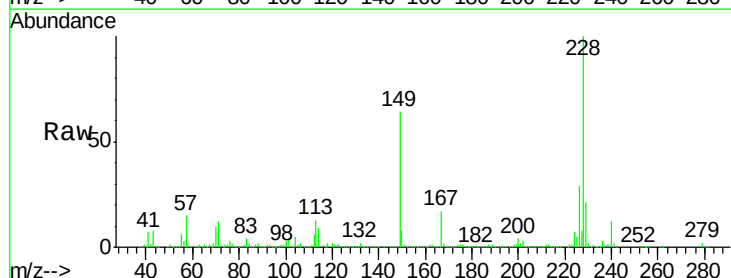
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

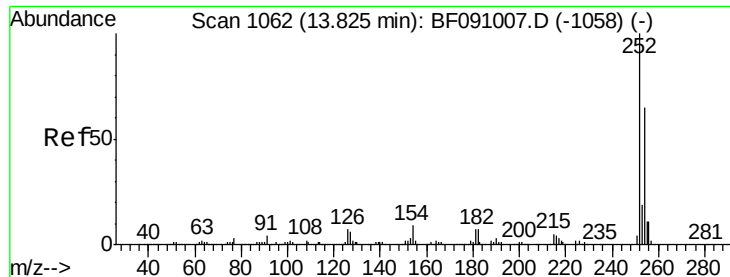
Tot Ion:149 Resp: 841962
Ion Ratio Lower Upper
149 100
91 66.7 65.0 97.4
206 19.7 12.5 18.7#



#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

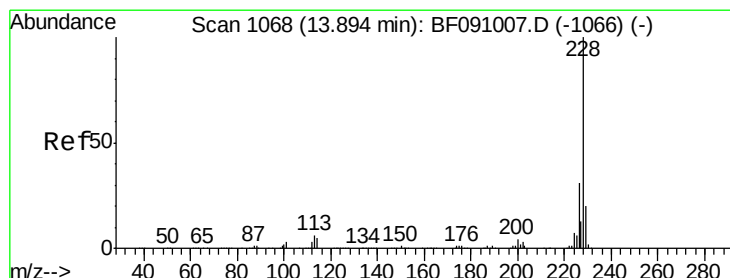
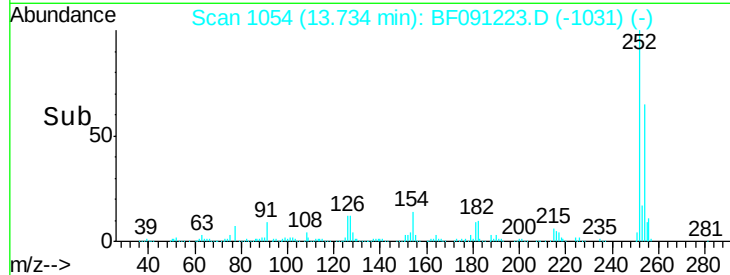
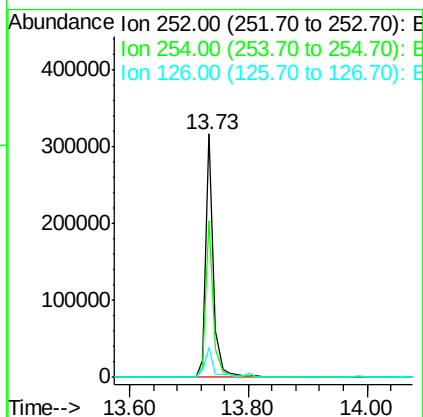
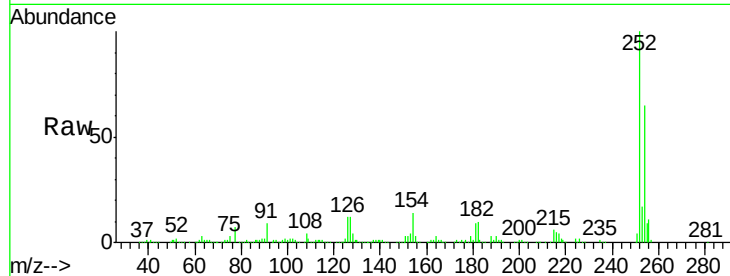




#81
 3,3'-Dichlorobenzidine
 Concen: 28.19 ng
 RT: 13.73 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

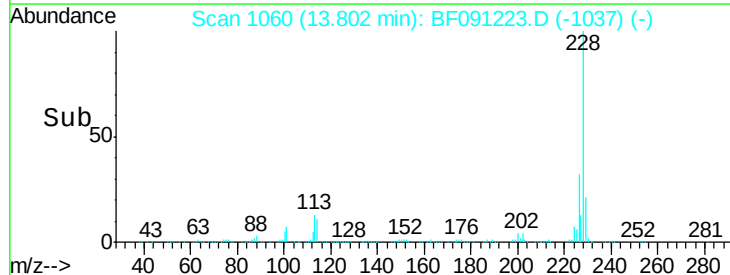
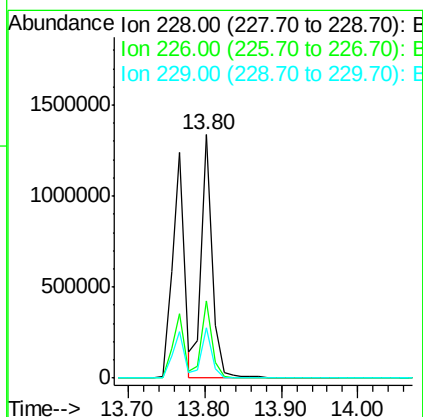
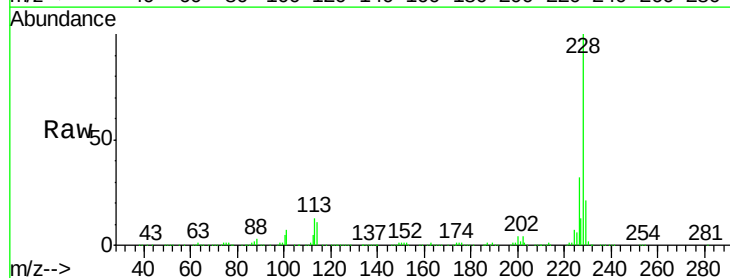
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

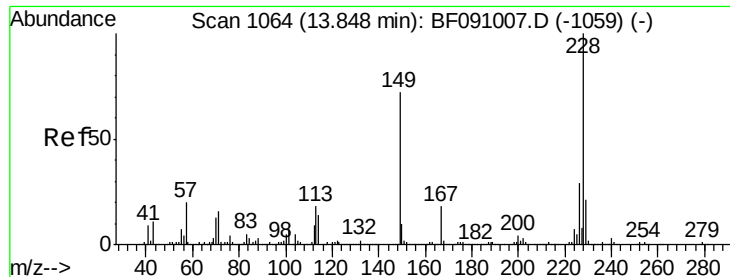
Tot Ion:252 Resp: 297327
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.0 78.0
 126 12.5 5.4 8.2#



#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

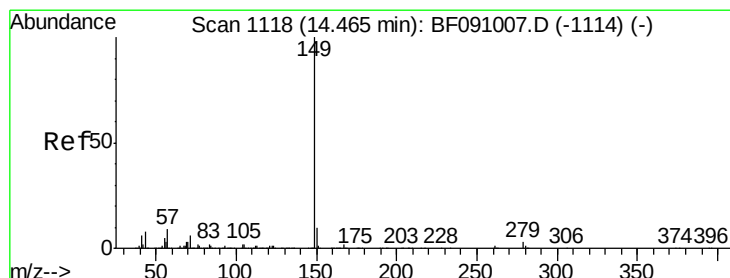
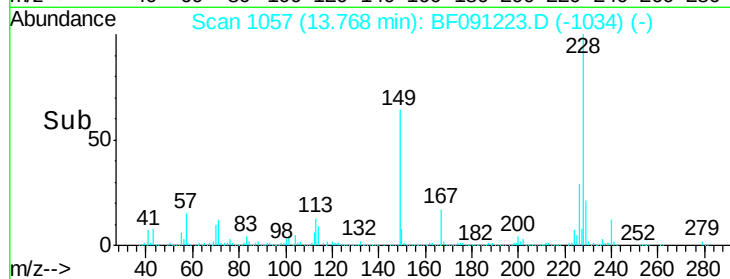
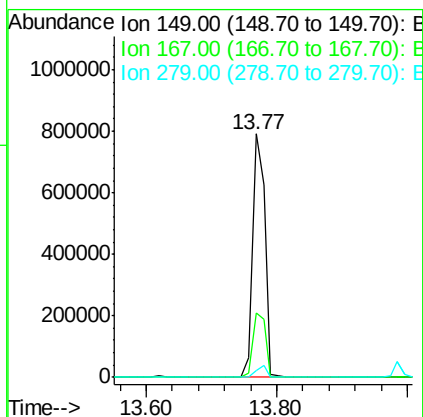
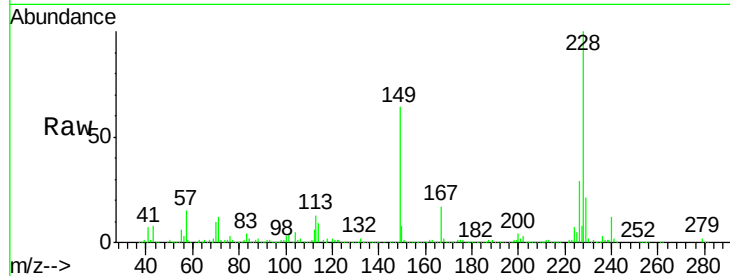




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.25 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.03 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

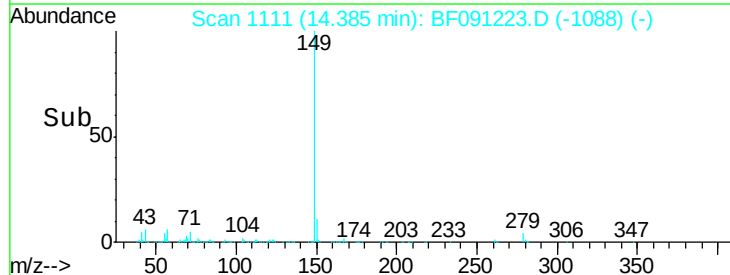
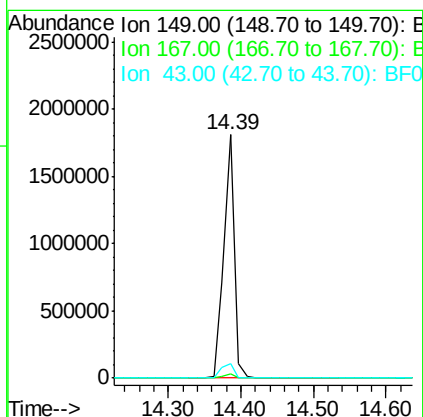
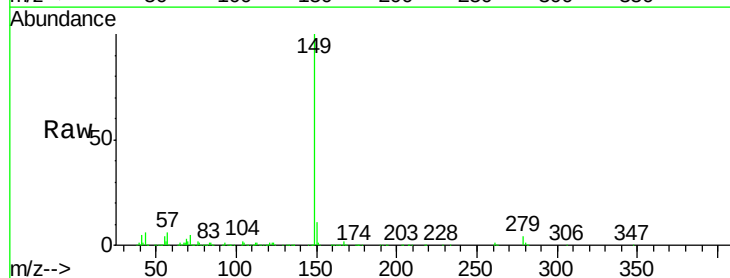
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

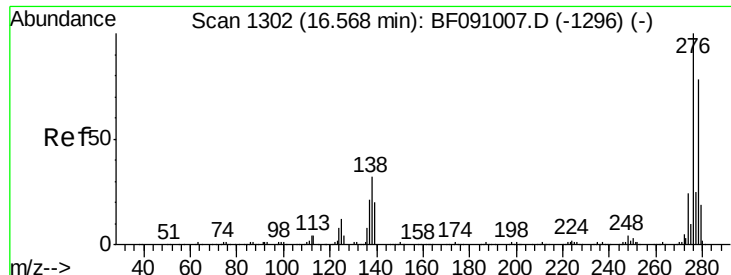
Tot Ion:149 Resp: 1036491
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.4 30.6
 279 2.7 1.6 2.4#



#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#

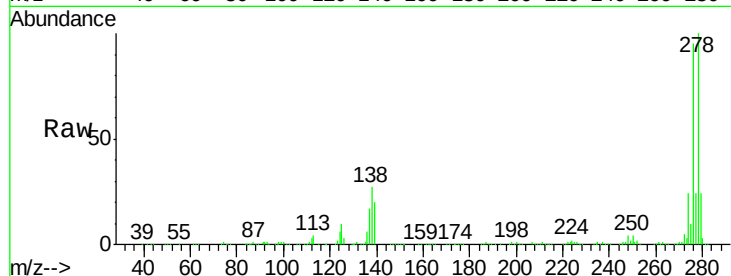




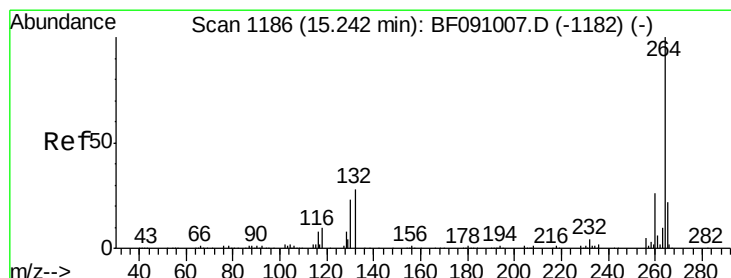
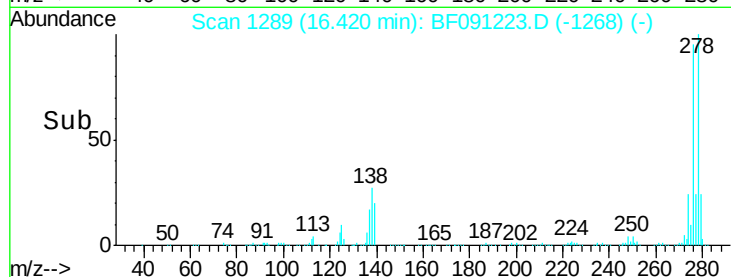
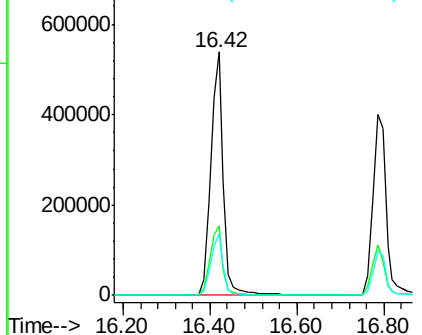
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.72 ng
 RT: 16.42 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

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

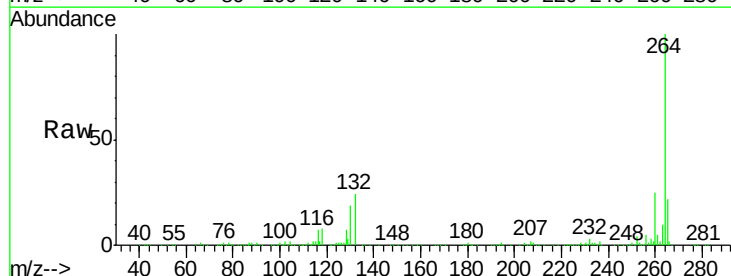


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

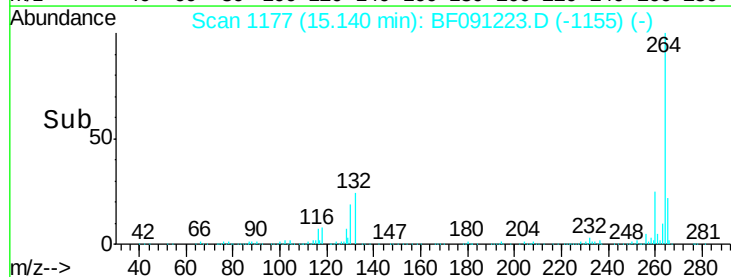
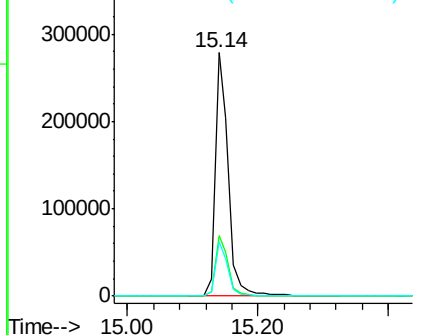


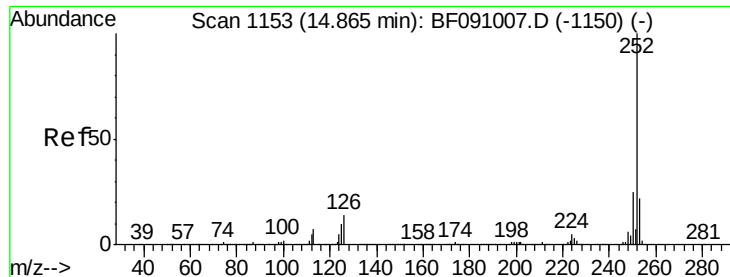
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091223.D
 Acq: 17 Nov 2016 20:15

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



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.08 ng m

RT: 14.77 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

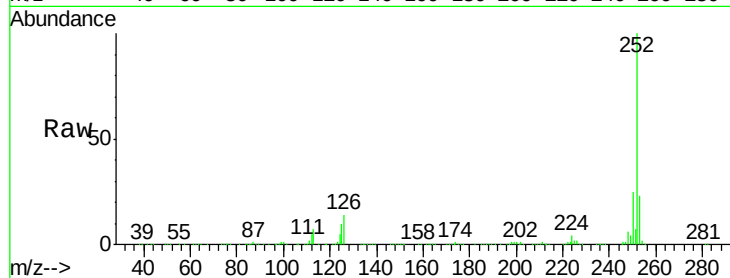
Tot Ion:252 Resp: 1229687

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

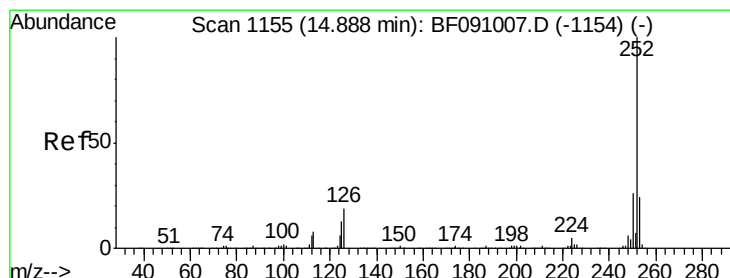
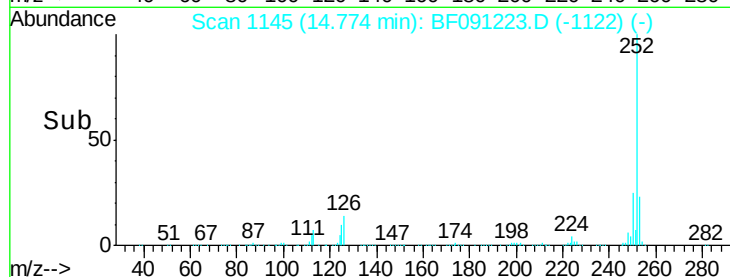
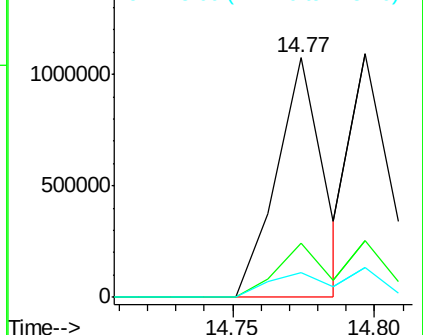
125 10.2 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.56 ng m

RT: 14.80 min Scan# 1147

Delta R.T. -0.03 min

Lab File: BF091223.D

Acq: 17 Nov 2016 20:15

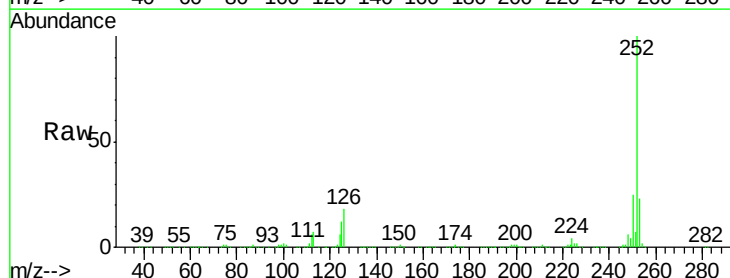
Tgt Ion:252 Resp: 1043299

Ion Ratio Lower Upper

252 100

253 23.2 18.6 28.0

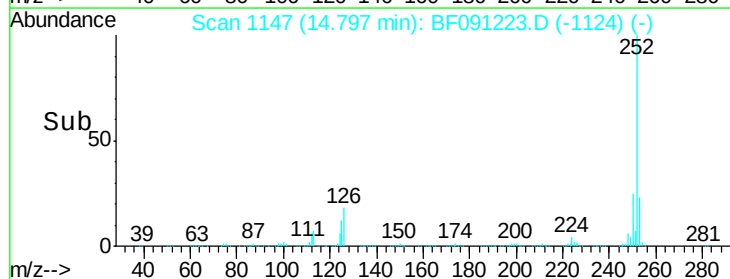
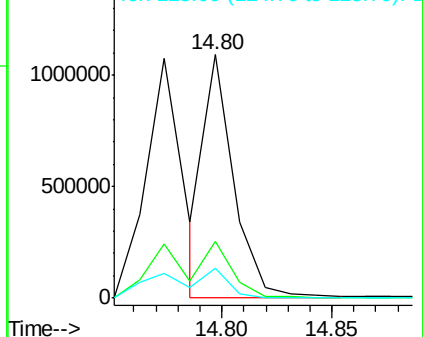
125 12.3 11.2 16.8

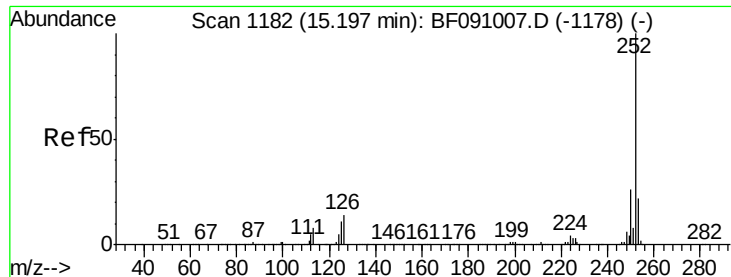


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

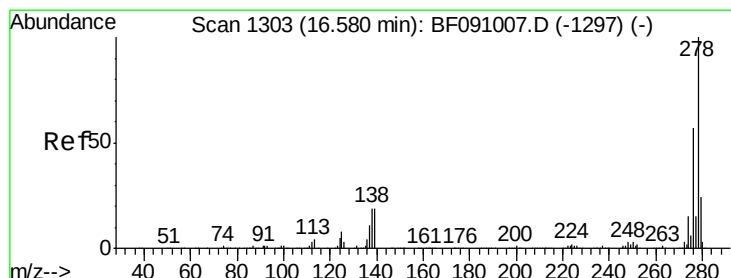
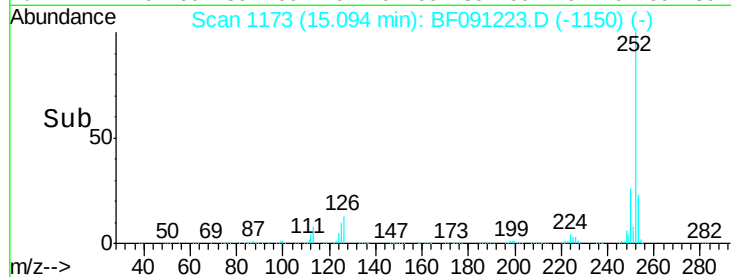
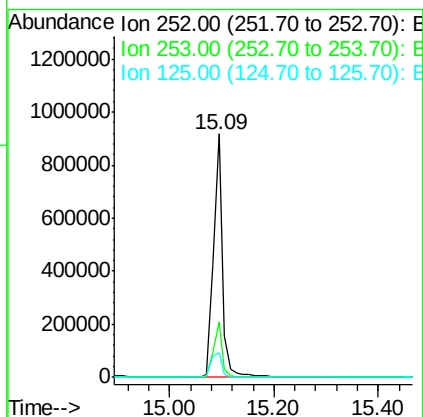
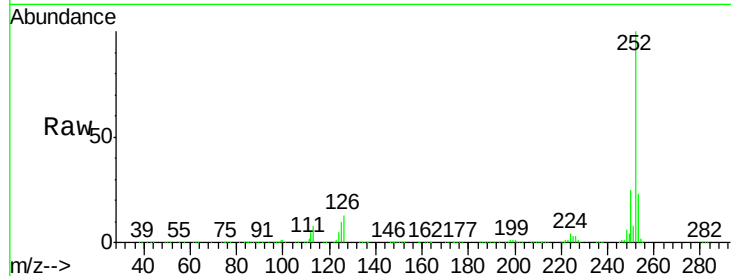




#89
Benzo(a)pyrene
Concen: 46.74 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091223.D
Acq: 17 Nov 2016 20:15

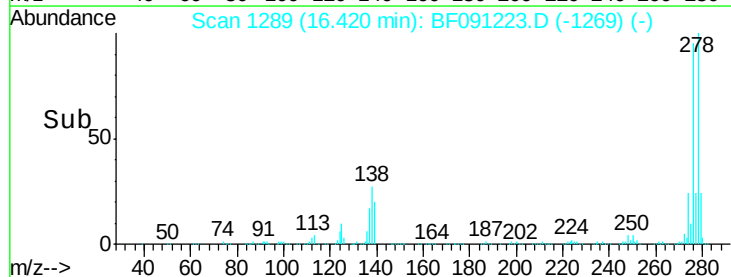
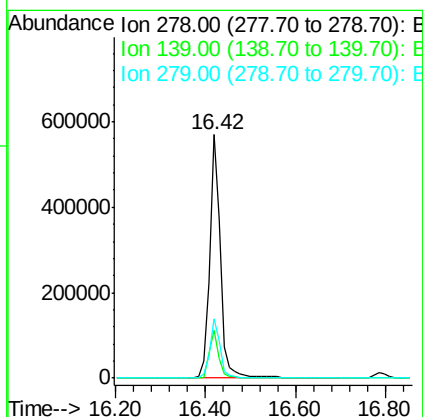
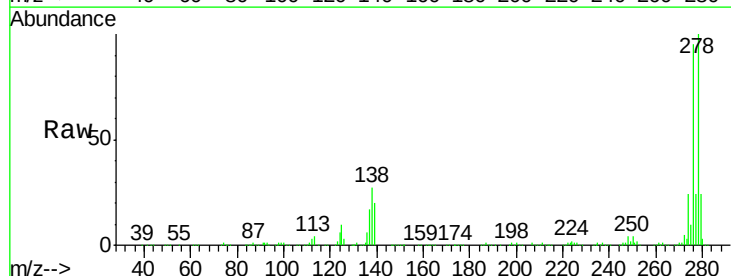
Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

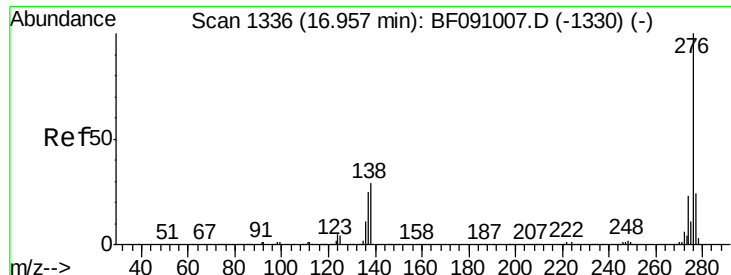
Tot Ion:252 Resp: 1085887
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.4 8.6 13.0



#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(a,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

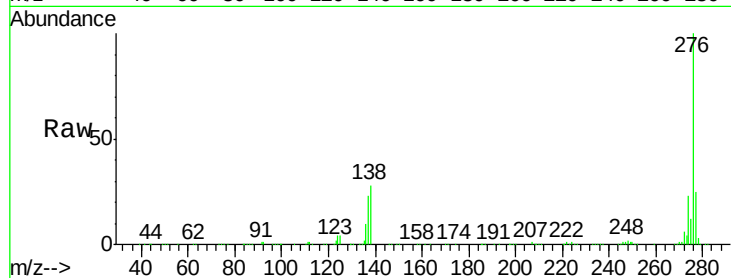
Tot Ion:276 Resp: 852502

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

