

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091200.D
 Acq On : 16 Nov 2016 20:49
 Operator : UM/SJ
 Sample : H5636-10MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Quant Time: Nov 17 00:51:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	198133	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	871979	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	424495	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	688881	20.00	ng	0.01
75) Chrysene-d12	13.78	240	504250	20.00	ng	0.00
86) Perylene-d12	15.15	264	383862	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	789281	65.79	ng	0.01
7) Phenol-d6	6.28	99	654255	40.18	ng	0.00
23) Nitrobenzene-d5	7.20	82	1524893	95.40	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	641634	167.19	ng	0.01
44) 2-Fluorobiphenyl	9.00	172	2581904	104.71	ng	0.01
78) Terphenyl-d14	12.73	244	2404295	118.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	105164	15.32	ng	# 97
3) Pyridine	2.77	79	227101	14.15	ng	99
4) n-Nitrosodimethylamine	2.72	42	105030	16.54	ng	96
6) Aniline	6.28	93	433145	22.55	ng	95
8) 2-Chlorophenol	6.41	128	597790	41.77	ng	91
9) Benzaldehyde	6.17	77	68035	7.53	ng	92
10) Phenol	6.29	94	288111	15.99	ng	84
11) bis(2-Chloroethyl)ether	6.36	93	707064	46.56	ng	95
12) 1,3-Dichlorobenzene	6.56	146	699609m	48.34	ng	
13) 1,4-Dichlorobenzene	6.64	146	746027	48.04	ng	96
14) 1,2-Dichlorobenzene	6.80	146	686835	48.19	ng	96
15) Benzyl Alcohol	6.78	79	338752	29.49	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.91	45	935623	43.03	ng	# 55
17) 2-Methylphenol	6.91	107	385295	34.01	ng	# 86
18) Hexachloroethane	7.13	117	349241	58.11	ng	# 88
19) n-Nitroso-di-n-propylamine	7.06	70	580088	51.41	ng	95
20) 3+4-Methylphenols	7.07	107	442813	32.56	ng	98
22) Acetophenone	7.05	105	1059275	52.76	ng	# 93
24) Nitrobenzene	7.22	77	841479	47.67	ng	99
25) Isophorone	7.46	82	1607229	52.18	ng	100
26) 2-Nitrophenol	7.54	139	412619	55.23	ng	# 73
27) 2,4-Dimethylphenol	7.60	122	576790	46.68	ng	97
28) bis(2-Chloroethoxy)methane	7.68	93	940331	55.88	ng	99
29) 2,4-Dichlorophenol	7.79	162	570959	52.95	ng	93
30) 1,2,4-Trichlorobenzene	7.86	180	646011	53.28	ng	99
31) Naphthalene	7.94	128	2700616	64.76	ng	97
32) Benzoic acid	7.72	122	90844	13.50	ng	96
33) 4-Chloroaniline	8.00	127	331635	19.12	ng	96
34) Hexachlorobutadiene	8.05	225	348326	53.23	ng	98
35) Caprolactam	8.42	113	14924	4.41	ng	# 82
36) 4-Chloro-3-methylphenol	8.49	107	576910	44.19	ng	90
37) 2-Methylnaphthalene	8.62	142	1538579	57.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	619435	57.23	ng	99
40) Hexachlorocyclopentadiene	8.78	237	480128	111.43	ng	97

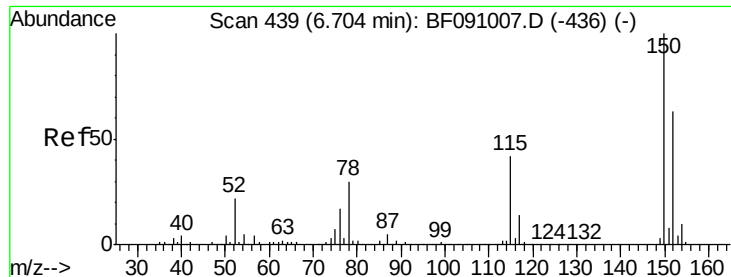
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091200.D
 Acq On : 16 Nov 2016 20:49
 Operator : UM/SJ
 Sample : H5636-10MS
 Misc :
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Instrument :
 BNA_F
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Quant Time: Nov 17 00:51:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	419532	60.05	ng	97
43) 2,4,5-Trichlorophenol	8.97	196	385634	52.57	ng	# 91
45) 1,1'-Biphenyl	9.09	154	1410176	45.50	ng	99
46) 2-Chloronaphthalene	9.12	162	1152698	48.98	ng	99
47) 2-Nitroaniline	9.23	65	403912	46.25	ng	87
48) Acenaphthylene	9.53	152	1779130	48.51	ng	97
49) Dimethylphthalate	9.41	163	1490201	53.54	ng	100
50) 2,6-Dinitrotoluene	9.47	165	301855	50.60	ng	# 78
51) Acenaphthene	9.70	154	1091871	47.42	ng	100
52) 3-Nitroaniline	9.64	138	138951	19.64	ng	80
53) 2,4-Dinitrophenol	9.76	184	300270	91.44	ng	95
54) Dibenzofuran	9.87	168	1697934	54.78	ng	97
55) 4-Nitrophenol	9.82	139	119014m	29.18	ng	
56) 2,4-Dinitrotoluene	9.88	165	452210	59.58	ng	# 91
57) Fluorene	10.21	166	1289448	50.90	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	348236	60.60	ng	90
59) Diethylphthalate	10.11	149	1517849	53.19	ng	97
60) 4-Chlorophenyl-phenylether	10.21	204	610452	52.94	ng	95
61) 4-Nitroaniline	10.26	138	291643	40.75	ng	93
62) Azobenzene	10.37	77	1467158	43.67	ng	97
64) 4,6-Dinitro-2-methylphenol	10.29	198	238891	56.63	ng	96
65) n-Nitrosodiphenylamine	10.34	169	1260351	57.56	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	426765	59.56	ng	89
67) Hexachlorobenzene	10.76	284	467753	59.19	ng	93
68) Atrazine	10.88	200	340836	53.96	ng	98
69) Pentachlorophenol	10.97	266	486451	138.98	ng	99
70) Phenanthrene	11.17	178	2011320	54.92	ng	99
71) Anthracene	11.23	178	2000296	51.38	ng	99
72) Carbazole	11.39	167	1866455	53.20	ng	97
73) Di-n-butylphthalate	11.72	149	1990608	45.11	ng	98
74) Fluoranthene	12.35	202	2038658	53.68	ng	97
76) Benzidine	12.49	184	262117	23.27	ng	98
77) Pyrene	12.58	202	1872994	56.72	ng	99
79) Butylbenzylphthalate	13.21	149	945369	59.85	ng	99
80) Benzo(a)anthracene	13.77	228	1658969	57.95	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	323996	32.21	ng	# 95
82) Chrysene	13.80	228	1650994	58.48	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	1279432	59.85	ng	# 94
84) Di-n-octyl phthalate	14.39	149	2073543	59.00	ng	96
85) Indeno(1,2,3-cd)pyrene	16.42	276	1306519	55.78	ng	97
87) Benzo(b)fluoranthene	14.77	252	1412562m	54.26	ng	
88) Benzo(k)fluoranthene	14.81	252	1532401m	67.10	ng	
89) Benzo(a)pyrene	15.09	252	1249242	55.12	ng	# 96
90) Dibenzo(a,h)anthracene	16.43	278	1103684	56.33	ng	98
91) Benzo(g,h,i)perylene	16.80	276	1010808	57.05	ng	98

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

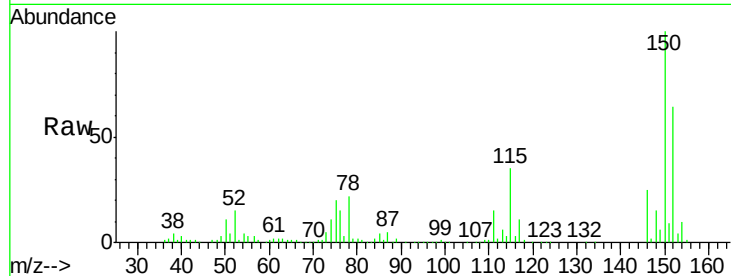


#1

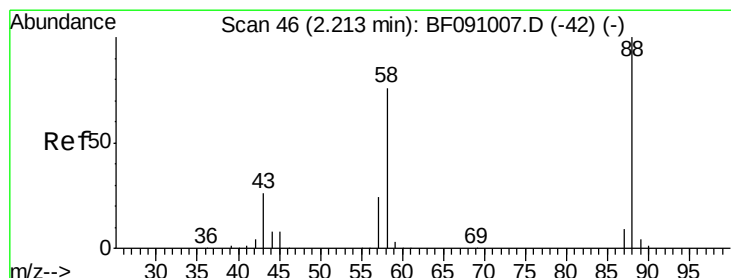
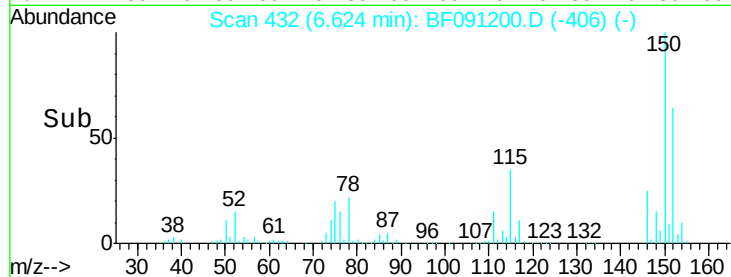
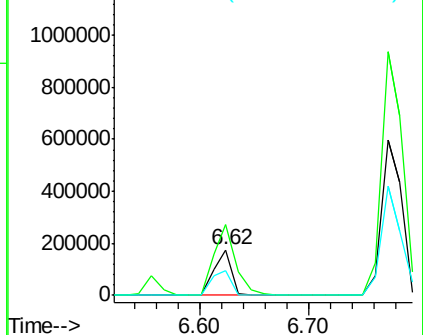
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Instrument :
BNA_F
ClientSampleId :
C19023041MS

Tgt Ion: 152 Resp: 198133
Ion Ratio Lower Upper
152 100
150 156.3 126.8 190.2
115 55.2 53.3 79.9



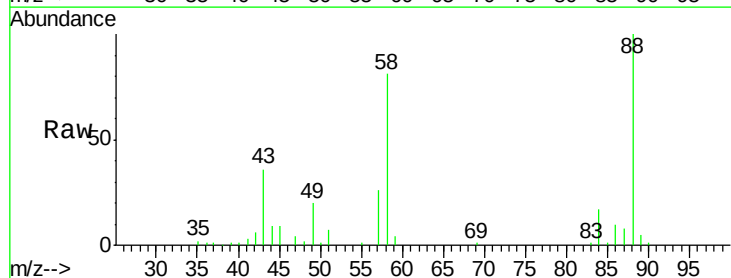
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



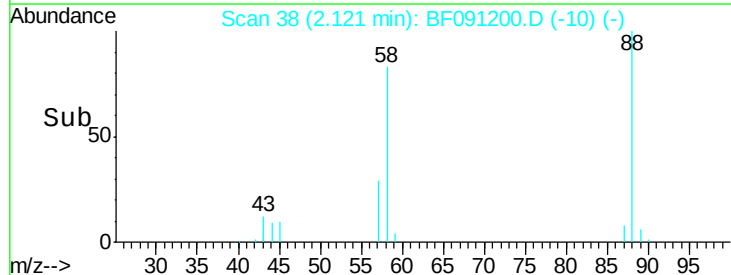
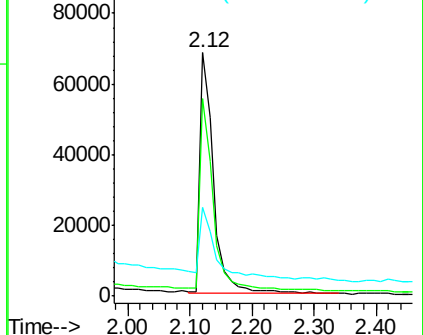
#2

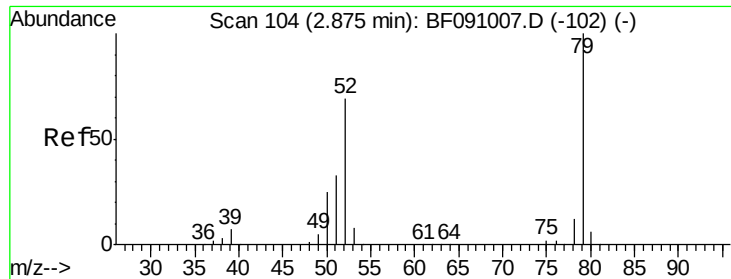
1,4-Dioxane
Concen: 15.32 ng
RT: 2.12 min Scan# 38
Delta R.T. 0.02 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Tgt Ion: 88 Resp: 105164
Ion Ratio Lower Upper
88 100
58 79.4 63.8 95.6
43 34.3 22.6 33.8#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 14.15 ng

RT: 2.77 min Scan# 95

Delta R.T. 0.05 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

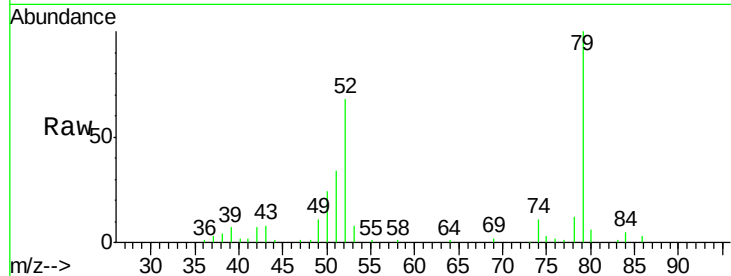
Tgt Ion: 79 Resp: 227101

Ion Ratio Lower Upper

79 100

52 68.5 55.4 83.0

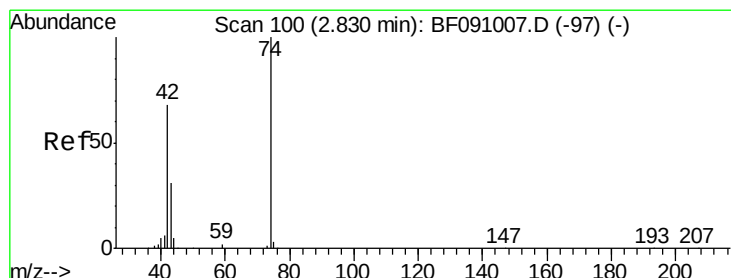
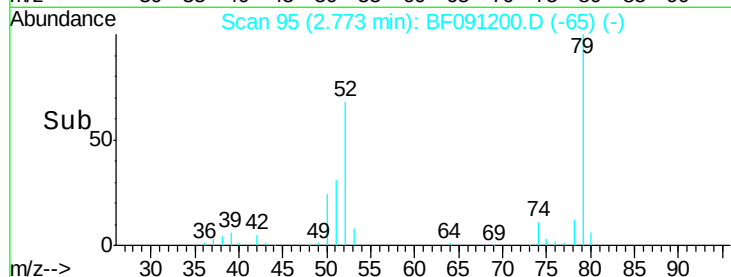
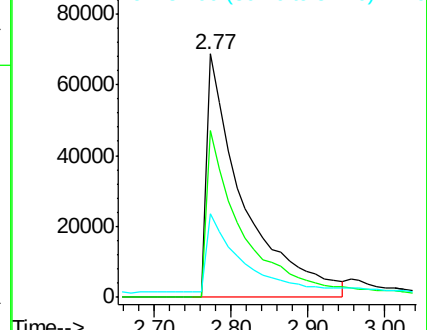
51 34.4 27.4 41.0



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: 16.54 ng

RT: 2.72 min Scan# 90

Delta R.T. 0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

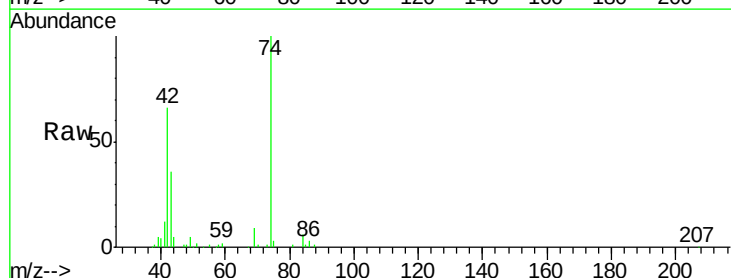
Tgt Ion: 42 Resp: 105030

Ion Ratio Lower Upper

42 100

74 151.4 117.3 175.9

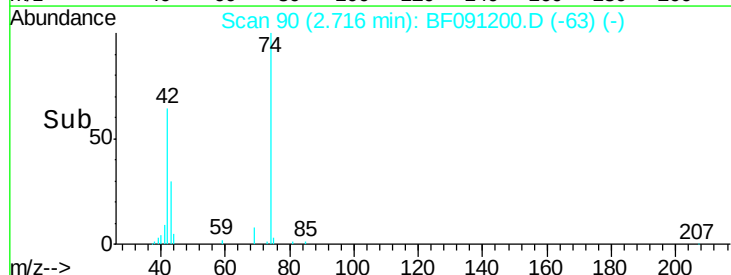
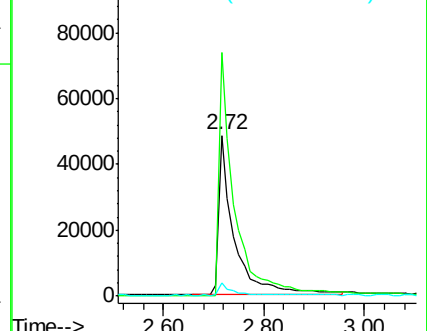
44 8.0 5.8 8.8

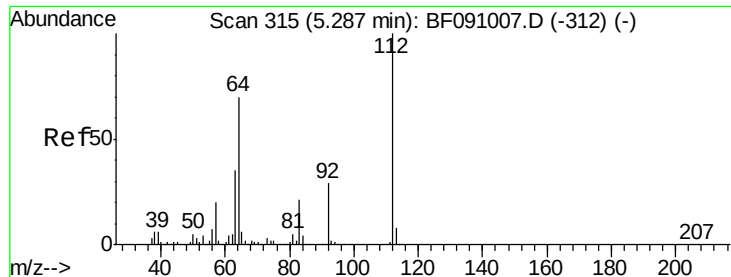


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 65.79 ng

RT: 5.21 min Scan# 308

Delta R.T. 0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

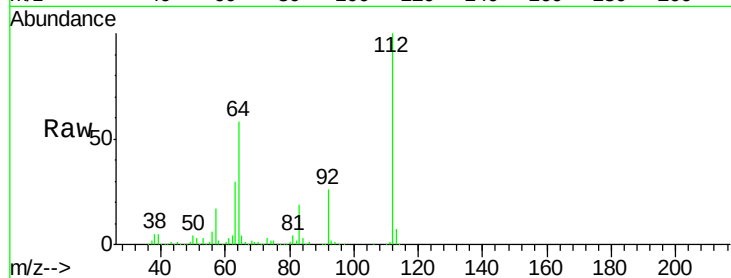
Tgt Ion: 112 Resp: 789281

Ion Ratio Lower Upper

112 100

64 58.5 55.8 83.6

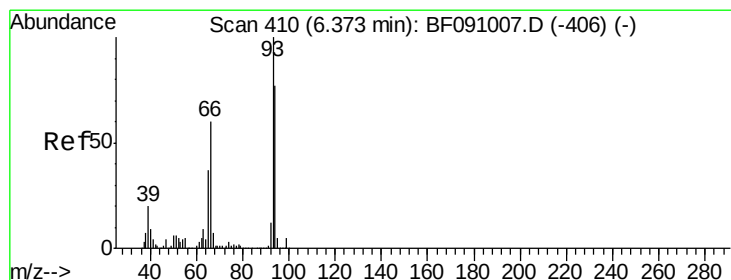
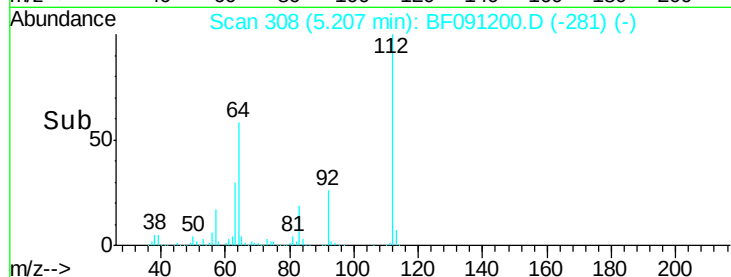
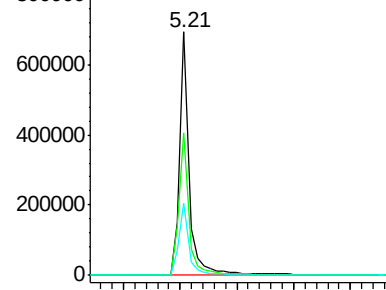
63 29.5 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.55 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

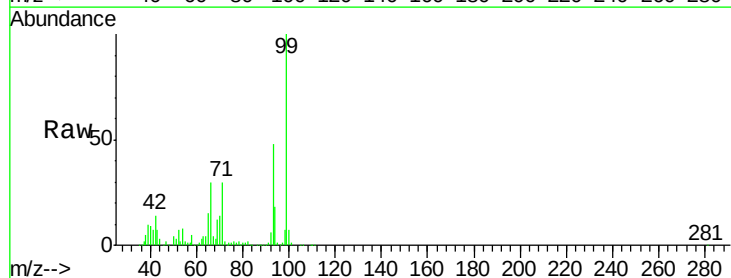
Tgt Ion: 93 Resp: 433145

Ion Ratio Lower Upper

93 100

66 63.0 48.2 72.2

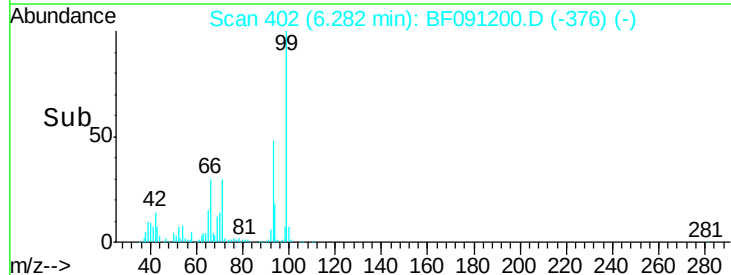
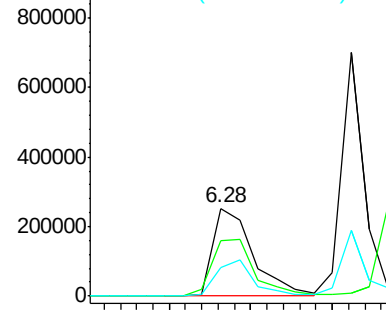
65 32.0 29.4 44.0

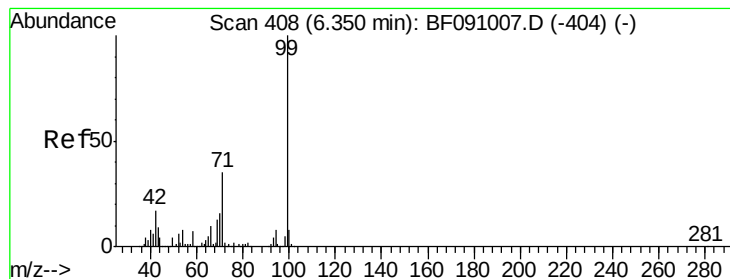


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 40.18 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

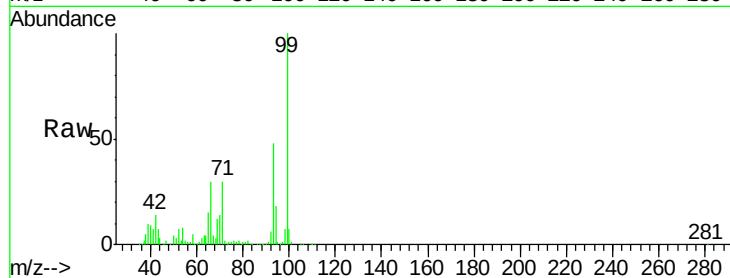
Tgt Ion: 99 Resp: 654255

Ion Ratio Lower Upper

99 100

42 13.9 13.9 20.9#

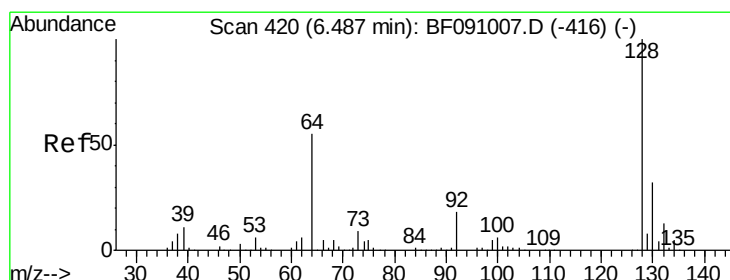
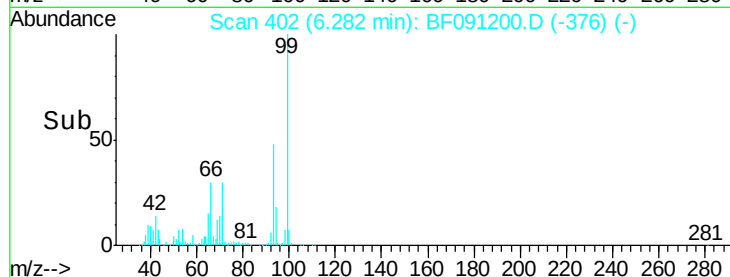
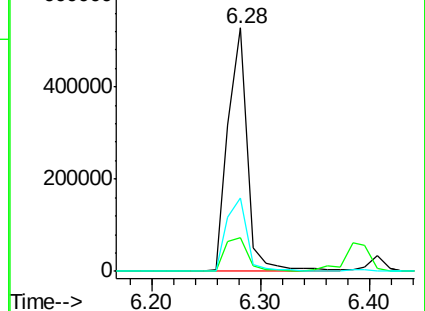
71 30.4 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.77 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

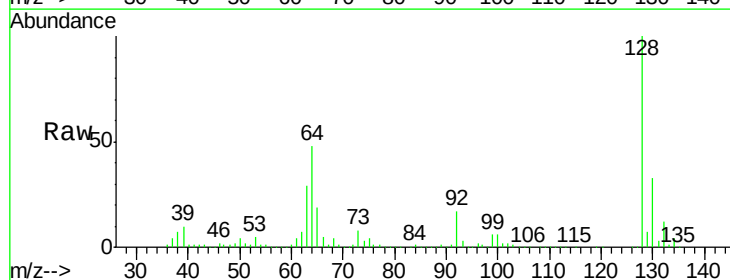
Tgt Ion: 128 Resp: 597790

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

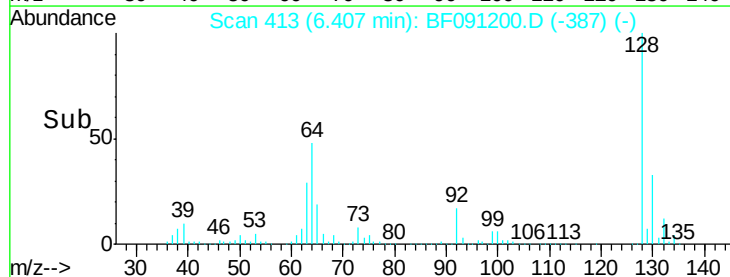
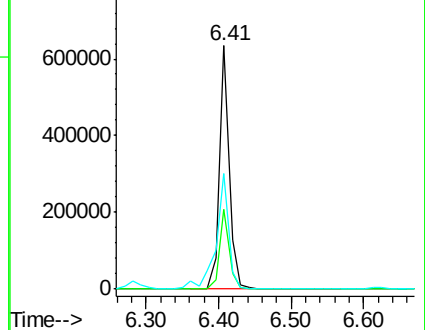
64 47.7 37.2 77.2

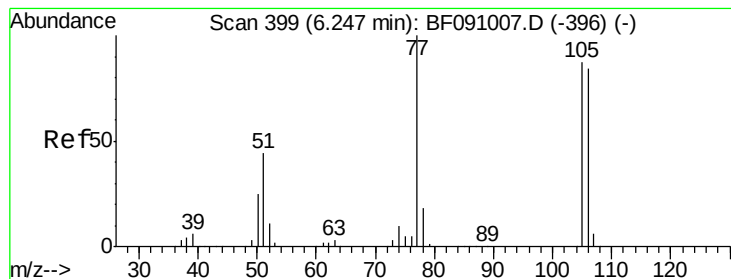


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.53 ng

RT: 6.17 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

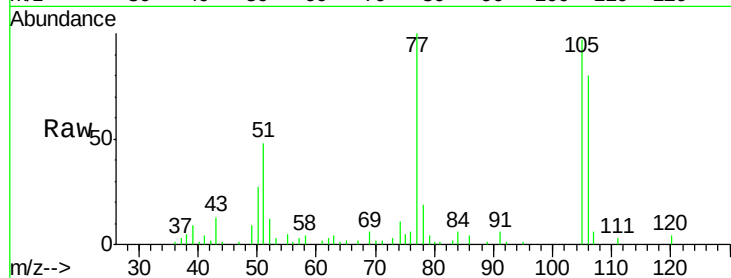
Tgt Ion: 77 Resp: 68035

Ion Ratio Lower Upper

77 100

105 96.9 66.8 106.8

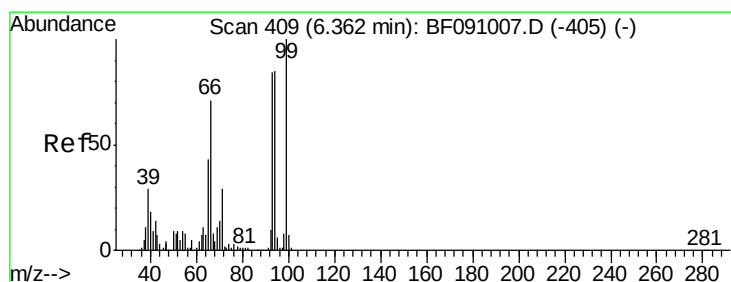
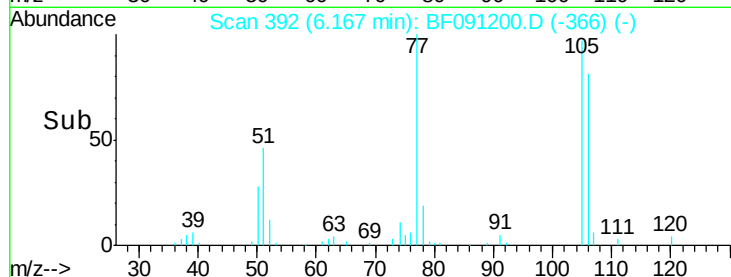
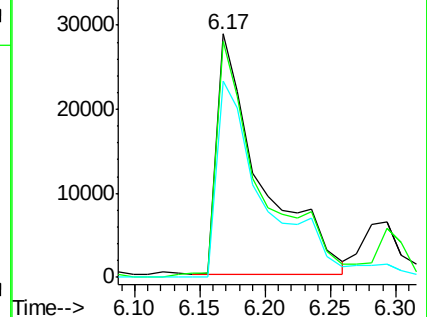
106 80.4 64.0 104.0



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: 15.99 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

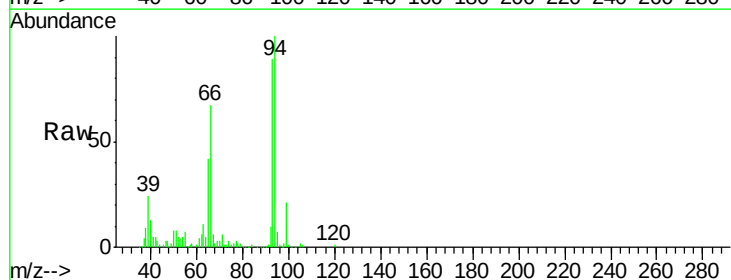
Tgt Ion: 94 Resp: 288111

Ion Ratio Lower Upper

94 100

65 42.2 30.4 70.4

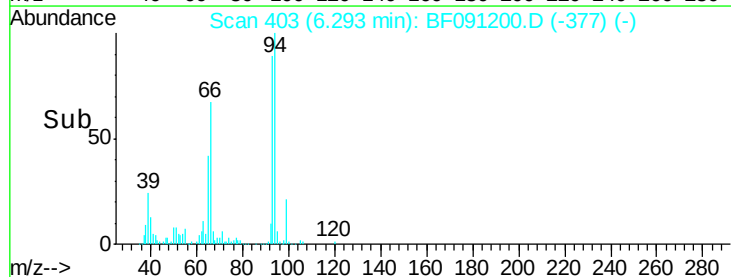
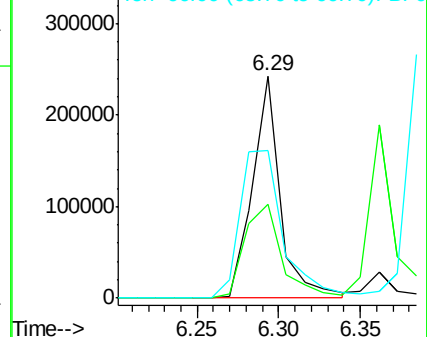
66 66.6 62.9 102.9

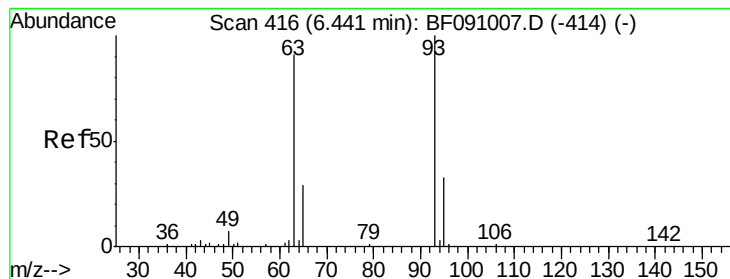


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.56 ng

RT: 6.36 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

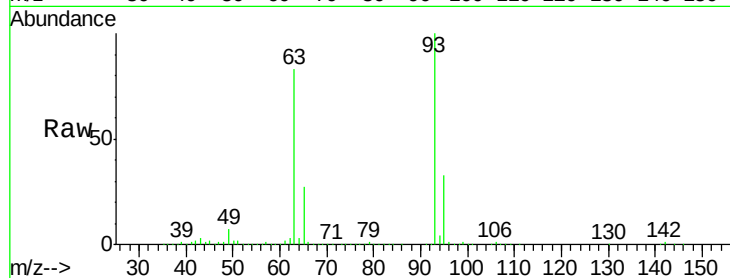
Tgt Ion: 93 Resp: 707064

Ion Ratio Lower Upper

93 100

63 82.9 68.9 108.9

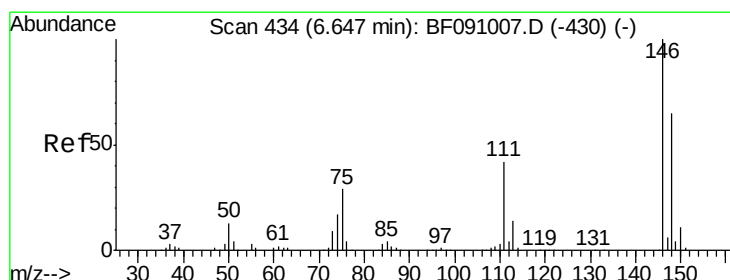
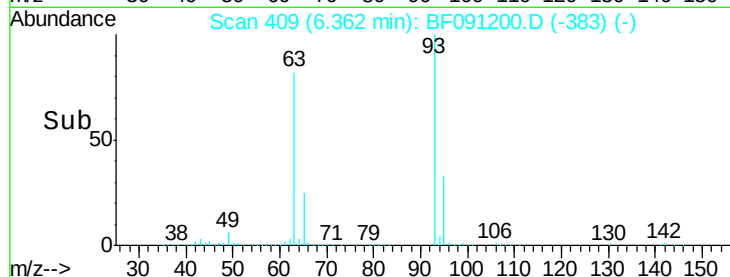
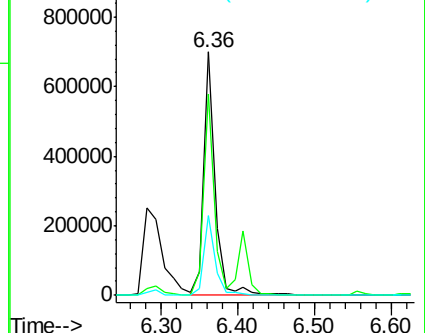
95 32.8 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 48.34 ng m

RT: 6.56 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

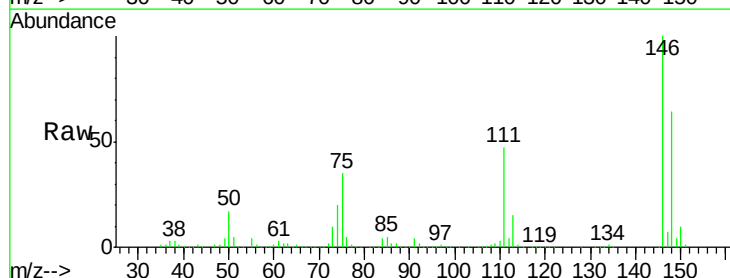
Tgt Ion: 146 Resp: 699609

Ion Ratio Lower Upper

146 100

148 64.2 52.0 78.0

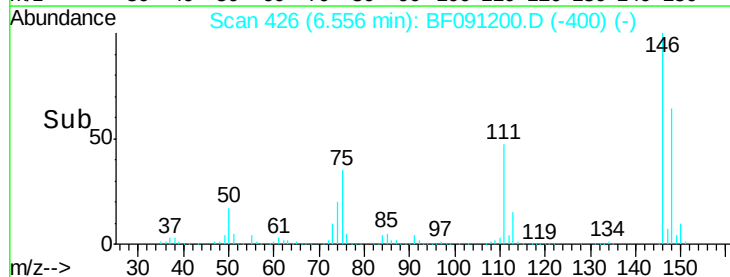
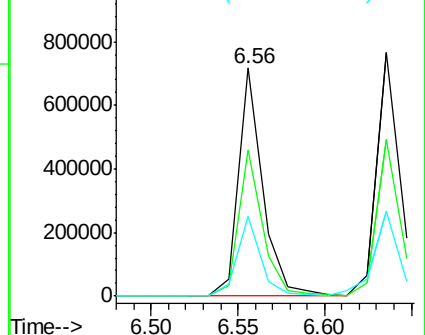
75 34.9 23.0 34.6#

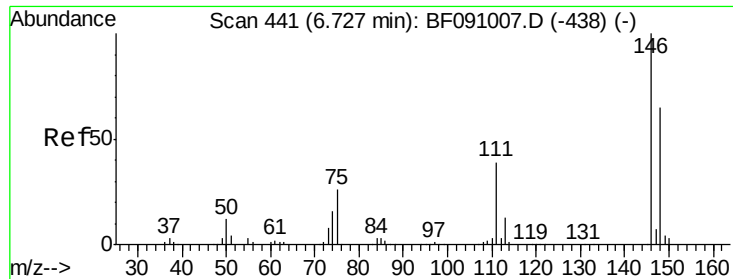


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

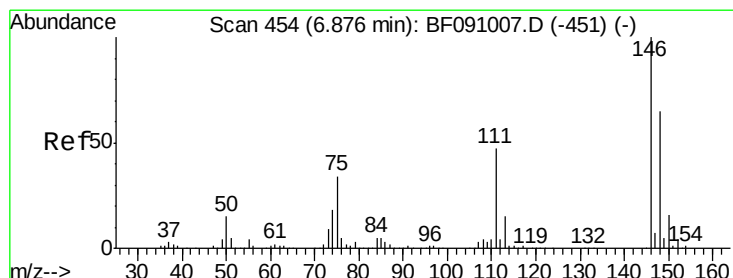
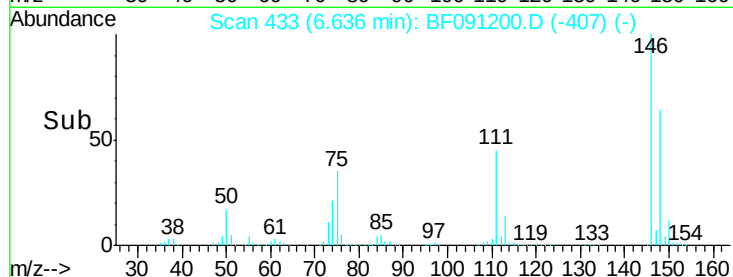
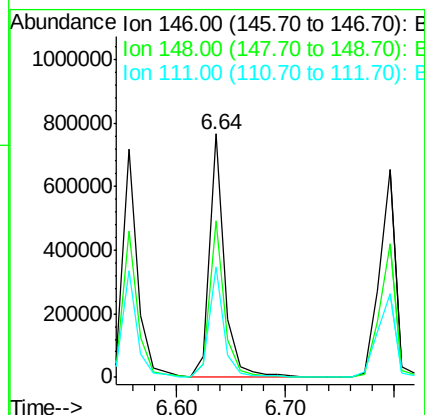
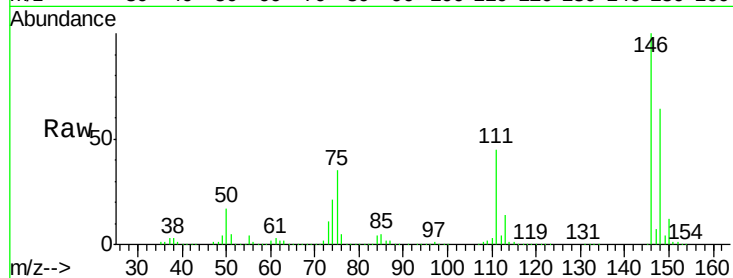




#13
 1,4-Dichlorobenzene
 Concen: 48.04 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

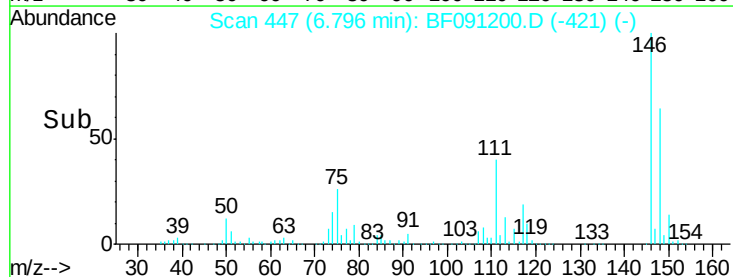
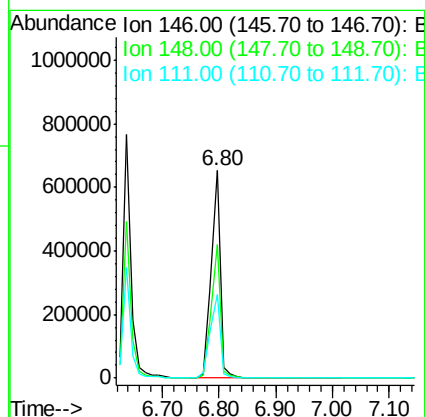
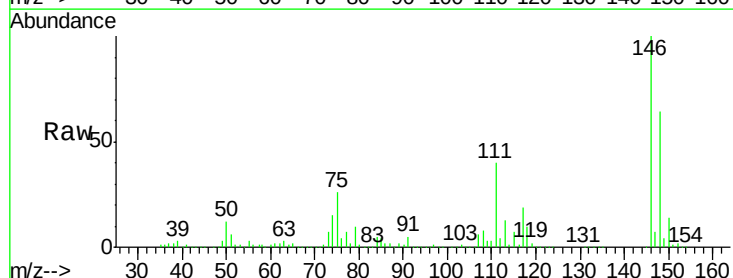
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

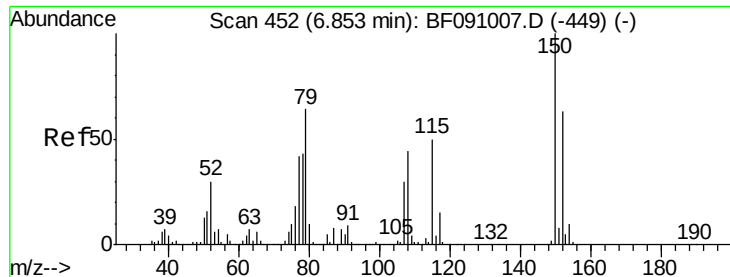
Tgt Ion:146 Resp: 746027
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.1 78.1
 111 45.2 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 48.19 ng
 RT: 6.80 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion:146 Resp: 686835
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 40.3 37.3 55.9





#15

Benzyl Alcohol

Concen: 29.49 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

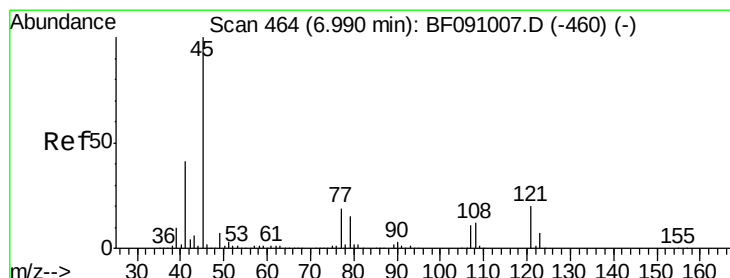
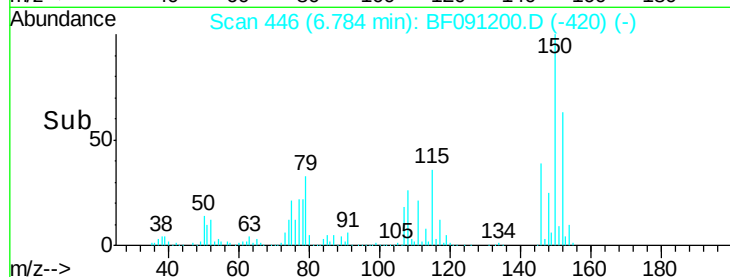
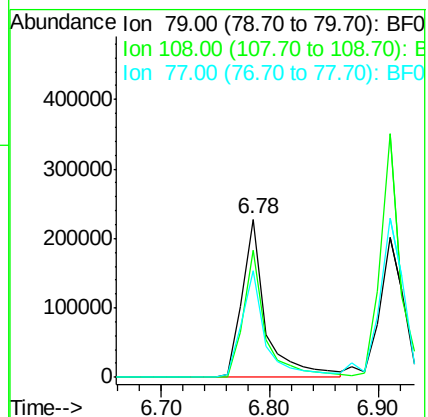
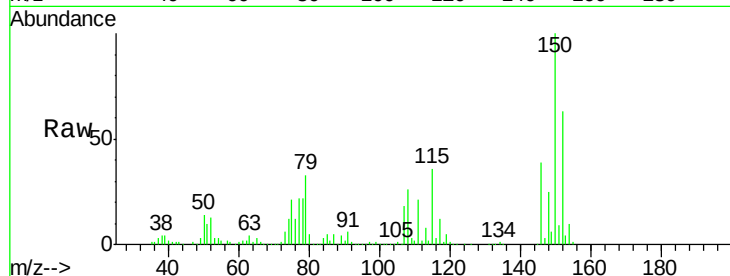
Tgt Ion: 79 Resp: 338752

Ion Ratio Lower Upper

79 100

108 80.2 55.7 83.5

77 67.4 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.03 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

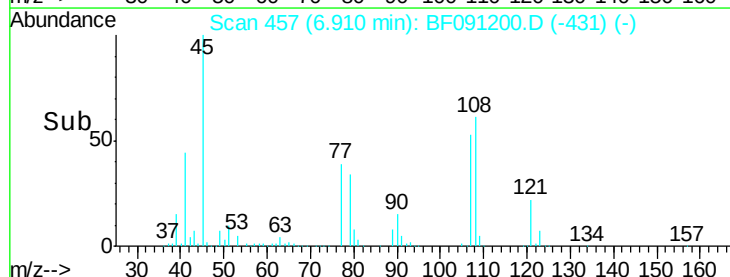
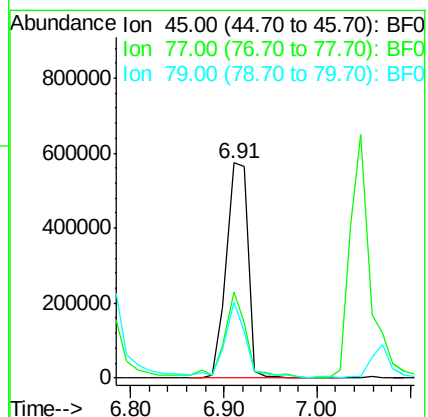
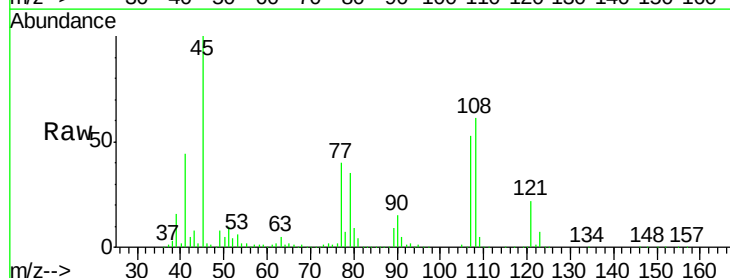
Tgt Ion: 45 Resp: 935623

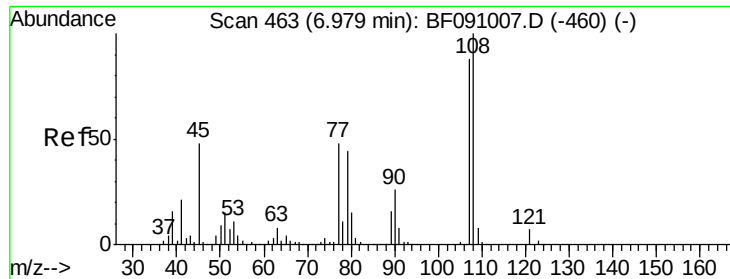
Ion Ratio Lower Upper

45 100

77 40.0 0.0 39.6#

79 35.2 0.0 35.9

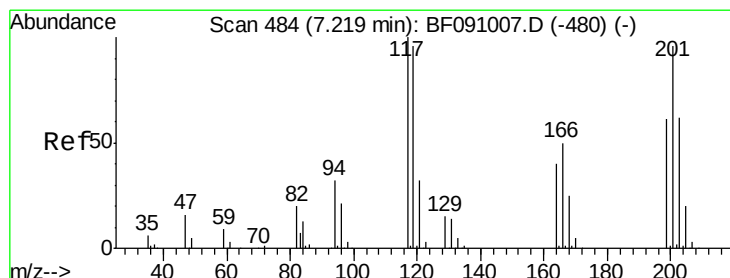
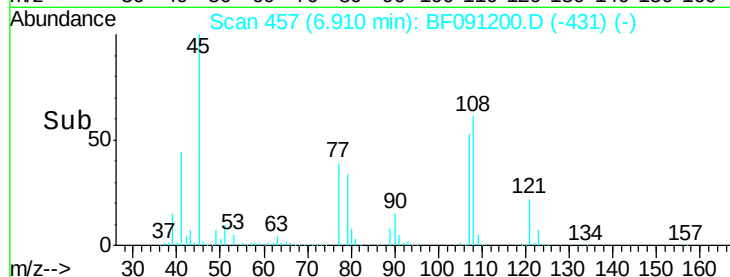
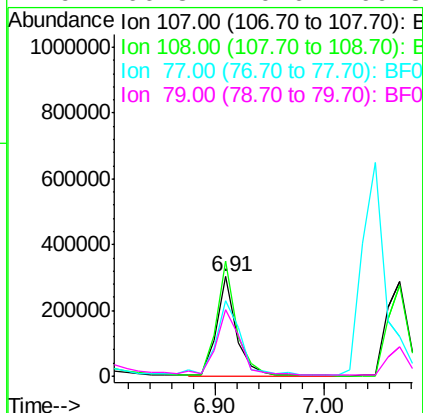
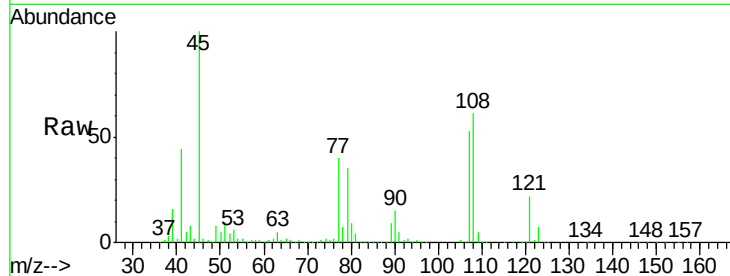




#17
2-Methylphenol
Concen: 34.01 ng
RT: 6.91 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

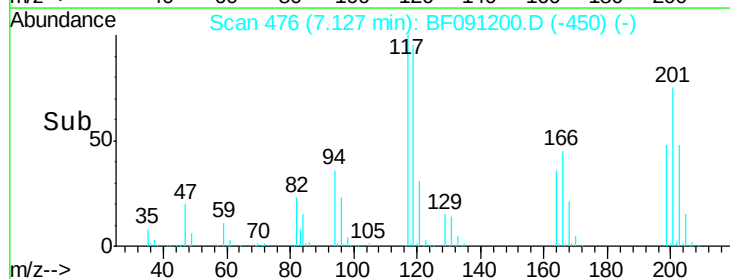
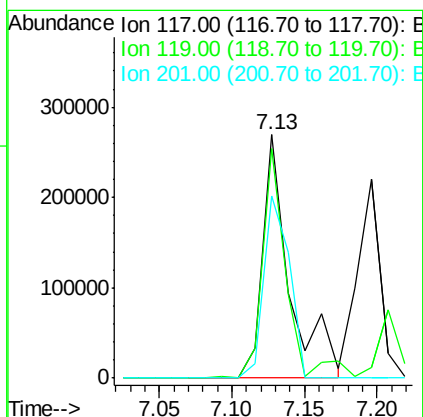
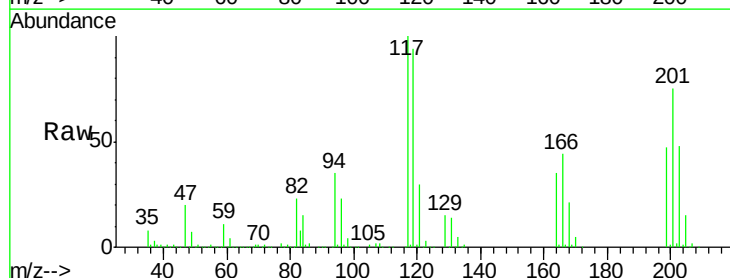
Instrument :
BNA_F
ClientSampleId :
C19023041MS

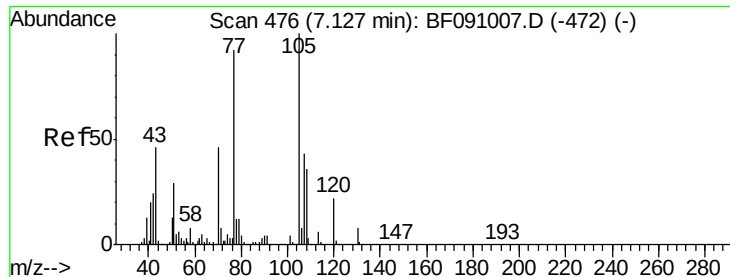
Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.8	91.0	136.6
77	75.8	43.8	65.8#
79	66.8	40.6	60.8#



#18
Hexachloroethane
Concen: 58.11 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	74.8	77.1	115.7#

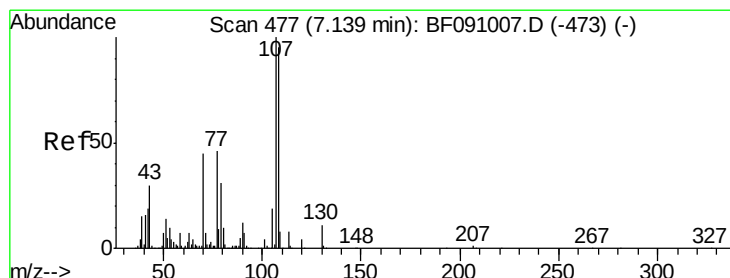
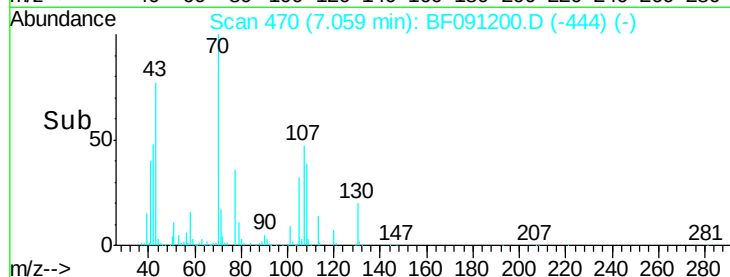
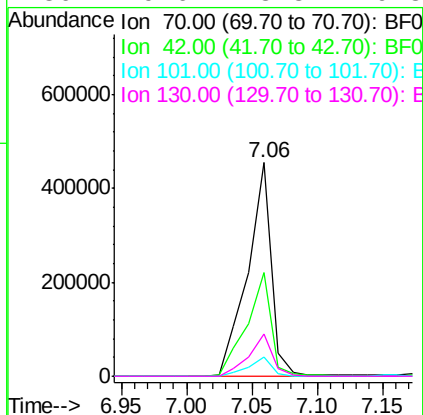
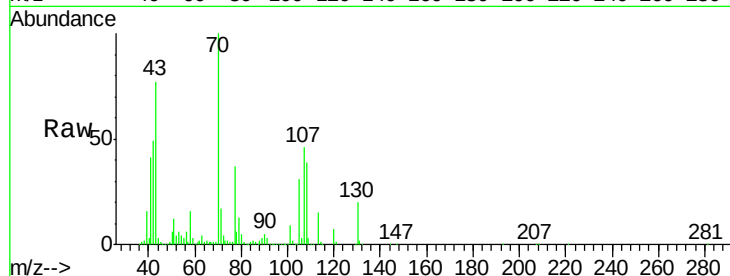




#19
n-Nitroso-di-n-propylamine
Concen: 51.41 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

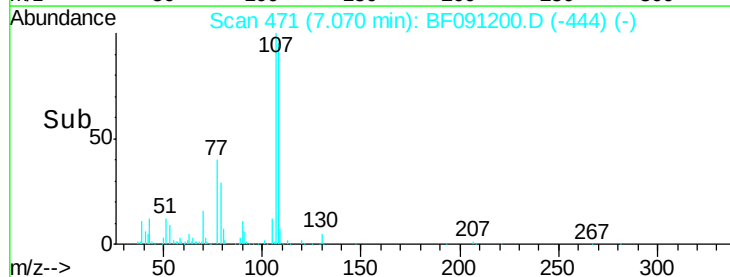
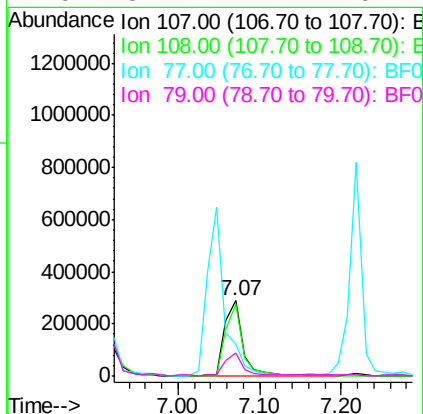
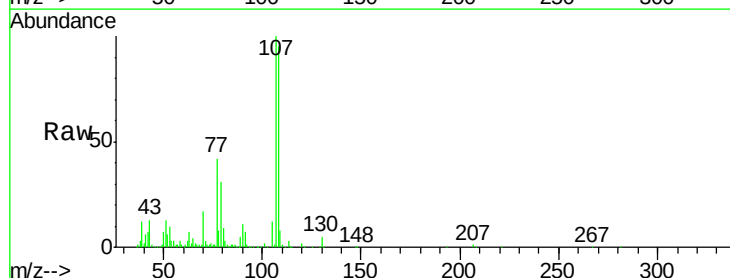
Instrument :
BNA_F
ClientSampleId :
C19023041MS

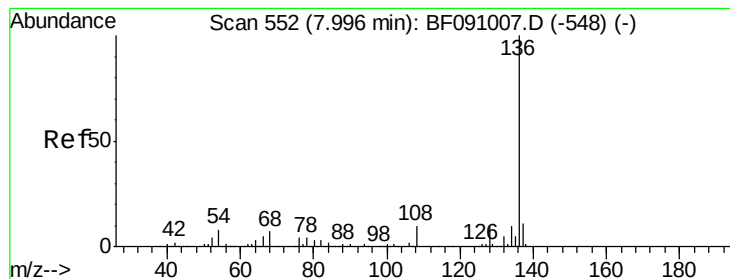
Tgt Ion: 70 Resp: 580088
Ion Ratio Lower Upper
70 100
42 48.5 41.7 62.5
101 9.1 6.7 10.1
130 19.6 13.8 20.8



#20
3+4-Methylphenols
Concen: 32.56 ng
RT: 7.07 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Tgt Ion: 107 Resp: 442813
Ion Ratio Lower Upper
107 100
108 95.3 75.5 115.5
77 41.9 26.4 66.4
79 31.2 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

Tgt Ion:136 Resp: 871979

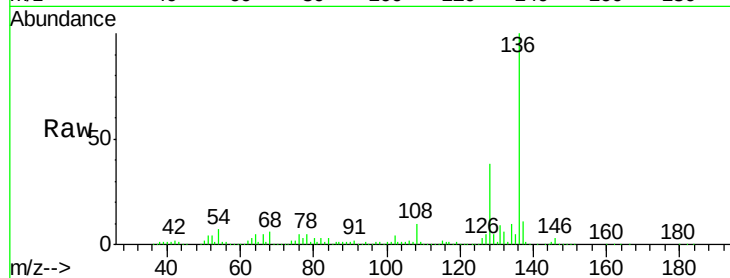
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 6.2 9.2

68 6.2 5.5 8.3

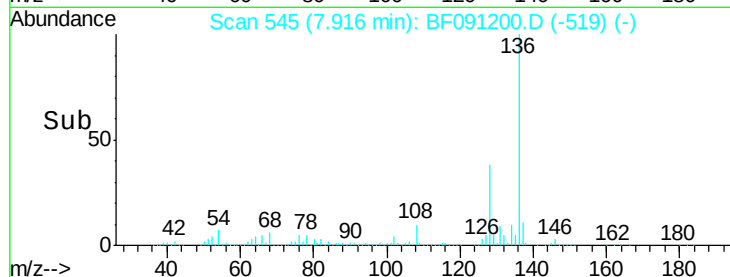


Abundance Ion 136.00 (135.70 to 136.70): E

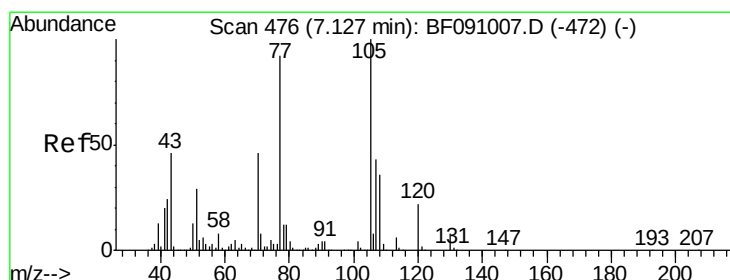
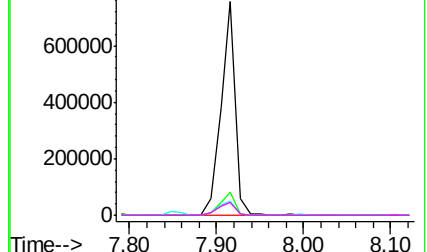
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 52.76 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Tgt Ion:105 Resp: 1059275

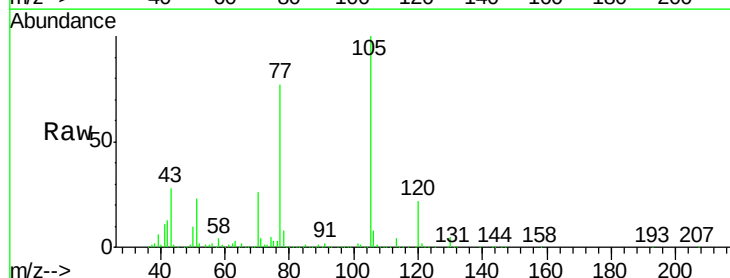
Ion Ratio Lower Upper

105 100

71 4.4 6.2 9.2#

51 23.3 23.3 34.9

120 21.9 17.4 26.0

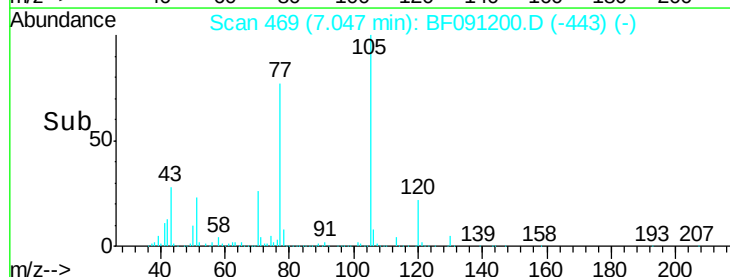


Abundance Ion 105.00 (104.70 to 105.70): E

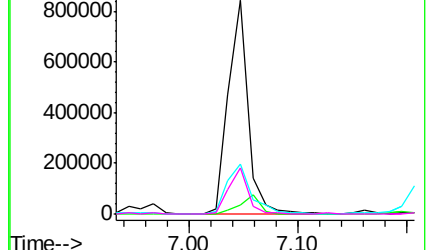
Ion 71.00 (70.70 to 71.70): BF0

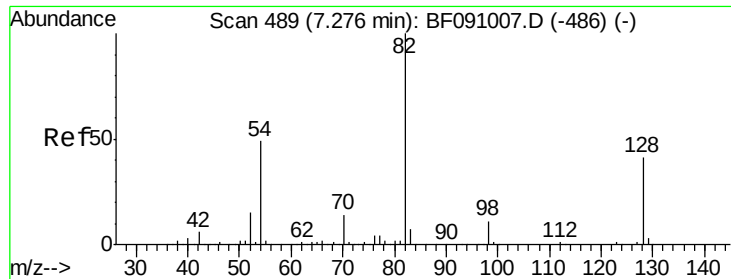
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

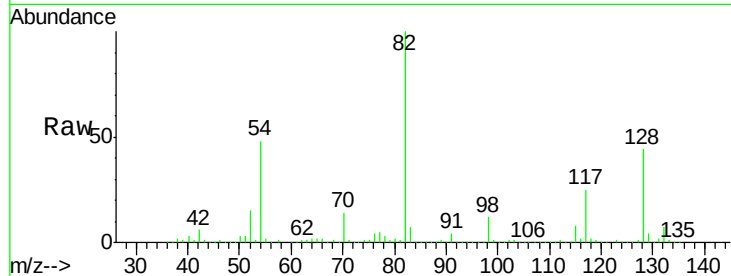




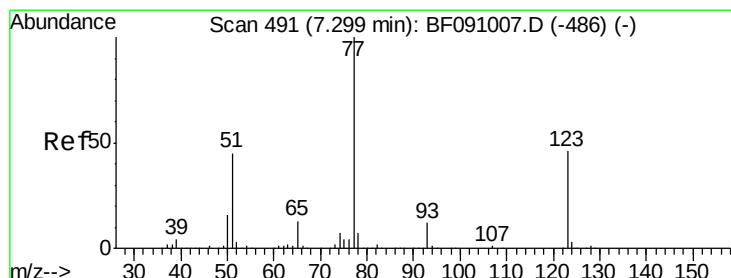
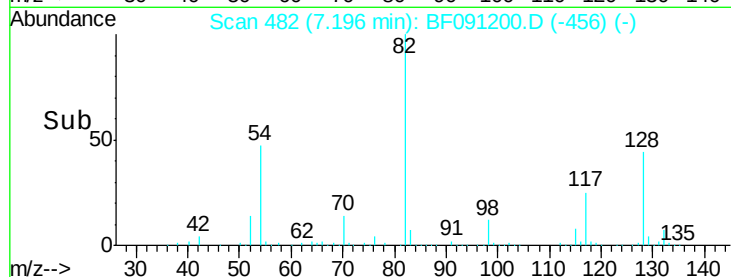
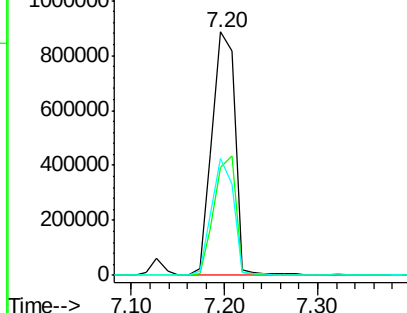
#23
 Nitrobenzene-d5
 Concen: 95.40 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tgt Ion: 82 Resp: 1524893
 Ion Ratio Lower Upper
 82 100
 128 44.3 32.4 48.6
 54 48.0 39.2 58.8

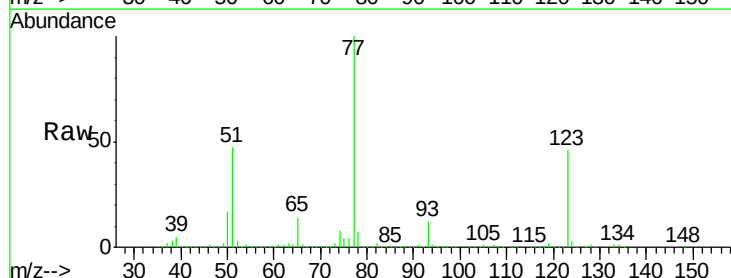


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

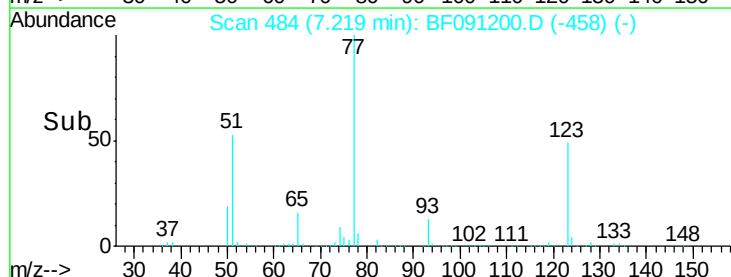
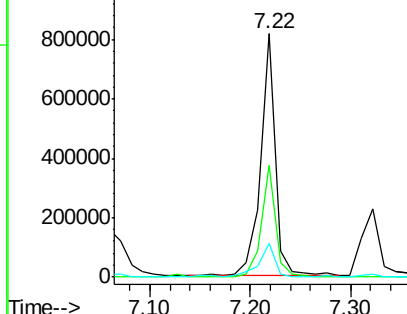


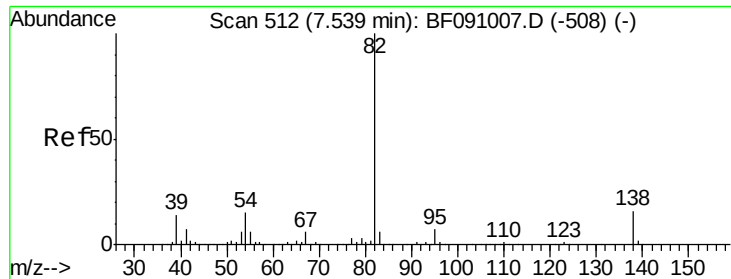
#24
 Nitrobenzene
 Concen: 47.67 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion: 77 Resp: 841479
 Ion Ratio Lower Upper
 77 100
 123 45.9 36.5 54.7
 65 14.0 10.7 16.1



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





#25

Isophorone

Concen: 52.18 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

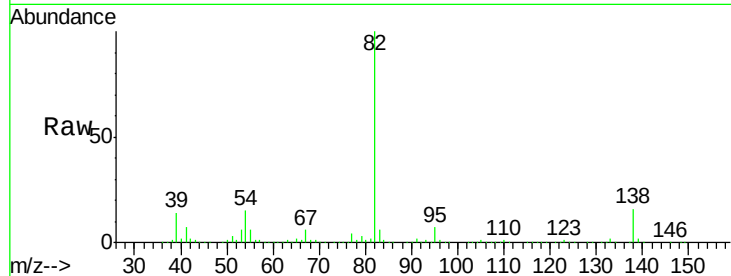
Tgt Ion: 82 Resp: 1607229

Ion Ratio Lower Upper

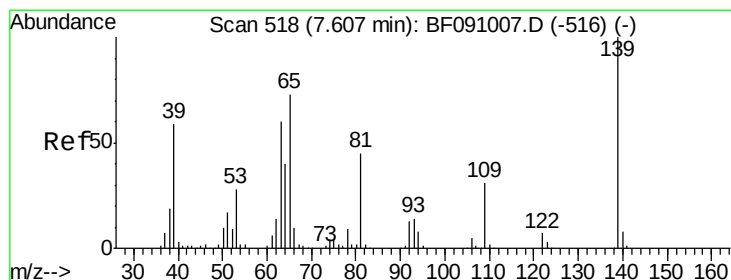
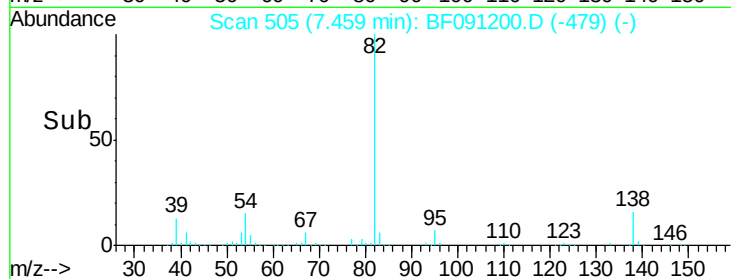
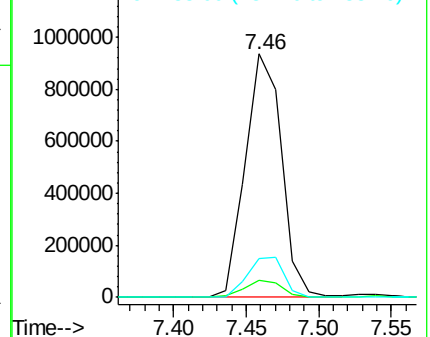
82 100

95 6.9 5.4 8.0

138 16.2 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 55.23 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

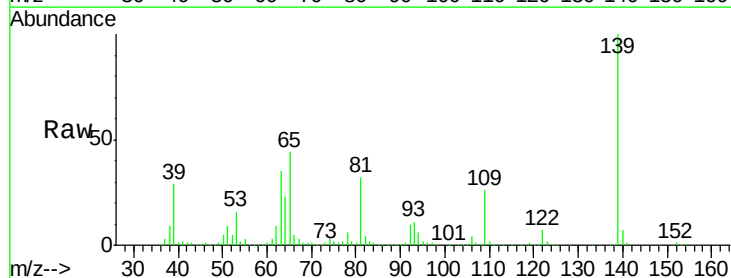
Tgt Ion: 139 Resp: 412619

Ion Ratio Lower Upper

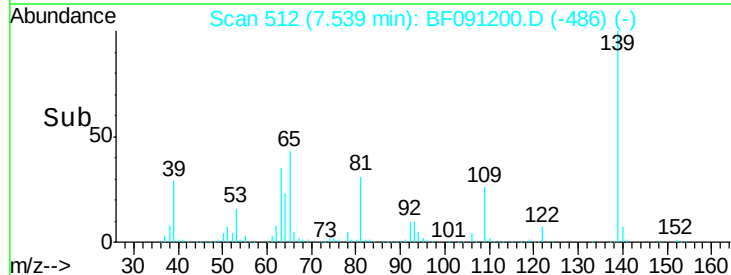
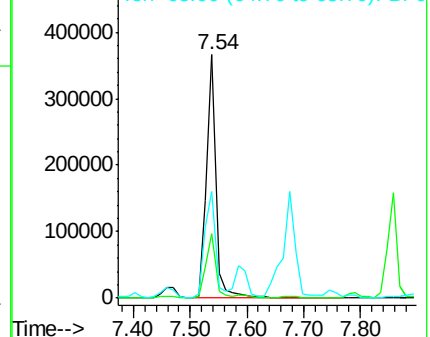
139 100

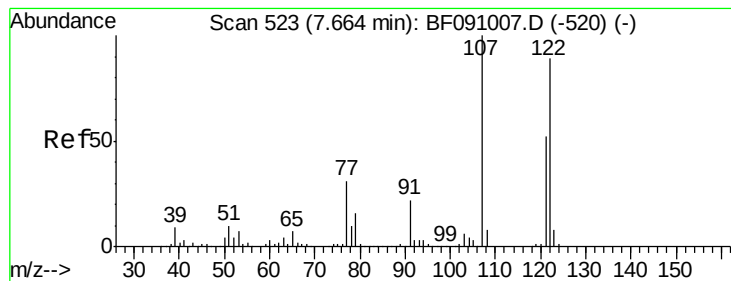
109 26.2 24.7 37.1

65 43.9 58.3 87.5#



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





#27

2,4-Dimethylphenol

Concen: 46.68 ng

RT: 7.60 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

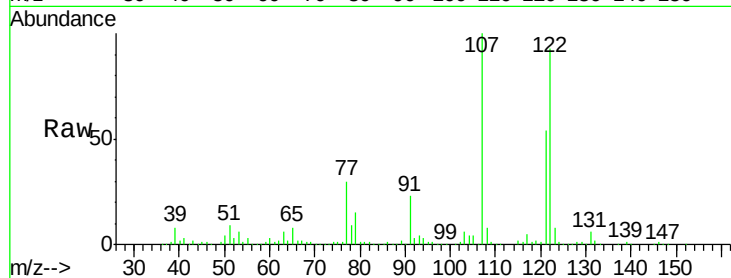
Tgt Ion:122 Resp: 576790

Ion Ratio Lower Upper

122 100

107 107.9 89.6 134.4

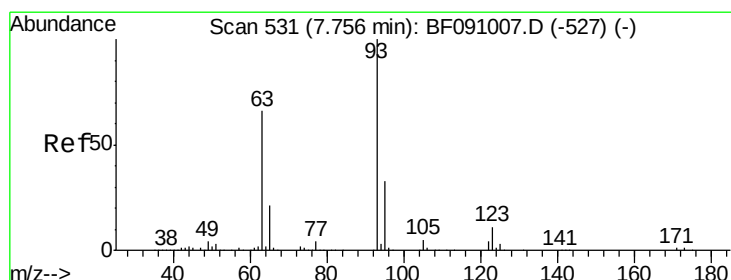
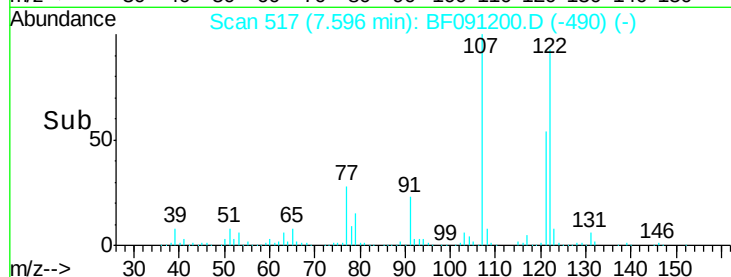
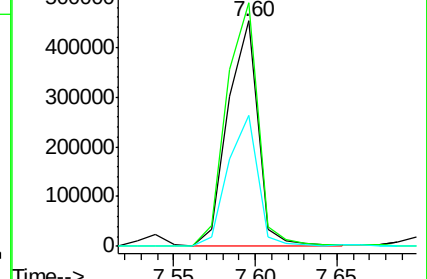
121 57.9 46.3 69.5



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: 55.88 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

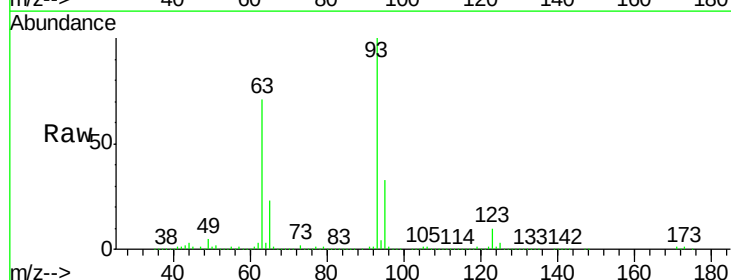
Tgt Ion: 93 Resp: 940331

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

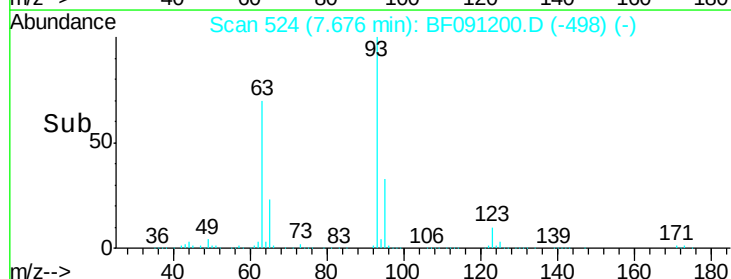
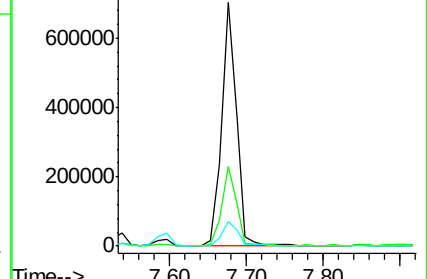
123 10.1 8.7 13.1

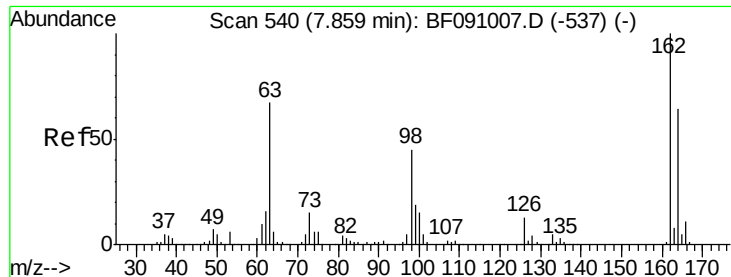


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

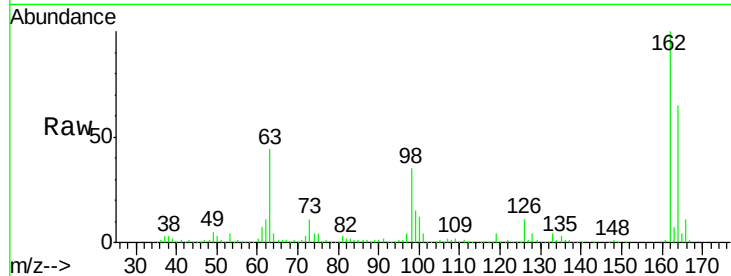




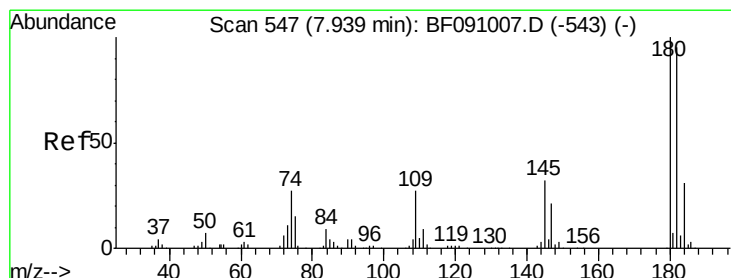
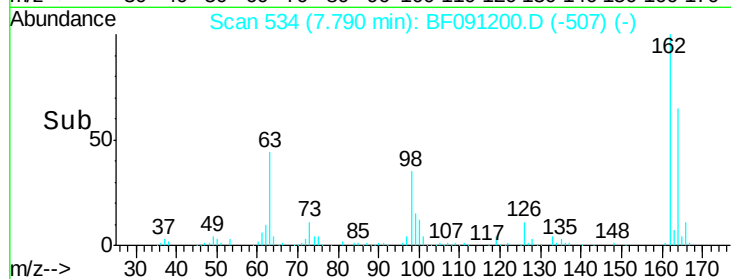
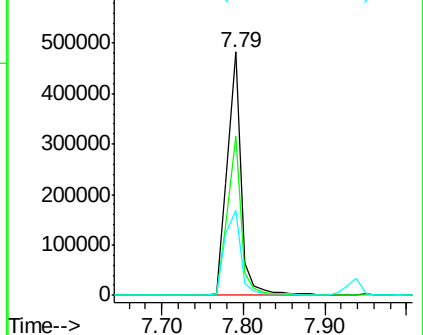
#29
 2,4-Dichlorophenol
 Concen: 52.95 ng
 RT: 7.79 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.4	84.4
98	35.0	25.2	65.2

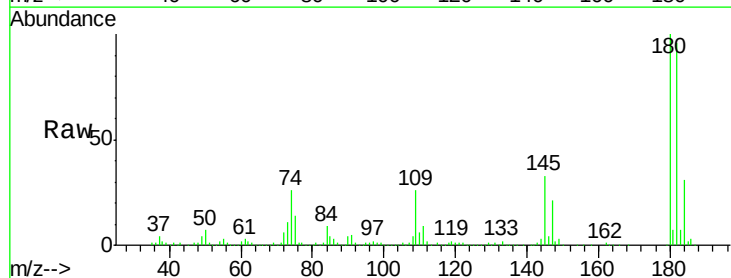


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

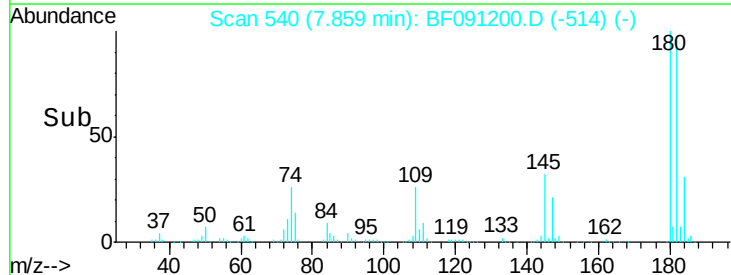
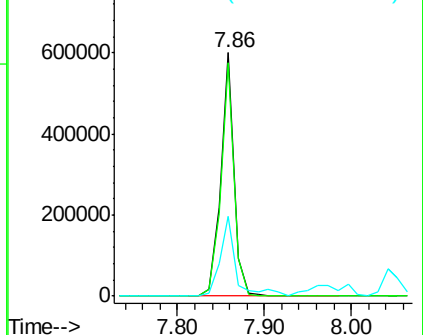


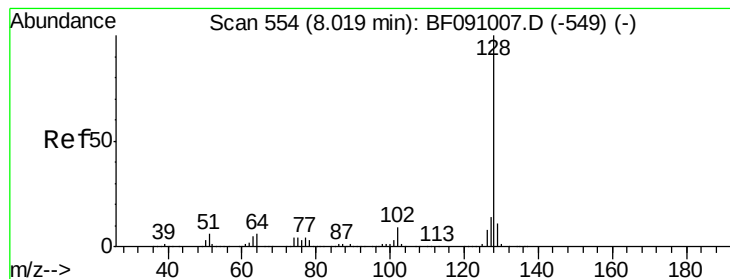
#30
 1,2,4-Trichlorobenzene
 Concen: 53.28 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.0	114.0
145	32.5	25.8	38.8



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





#31

Naphthalene

Concen: 64.76 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

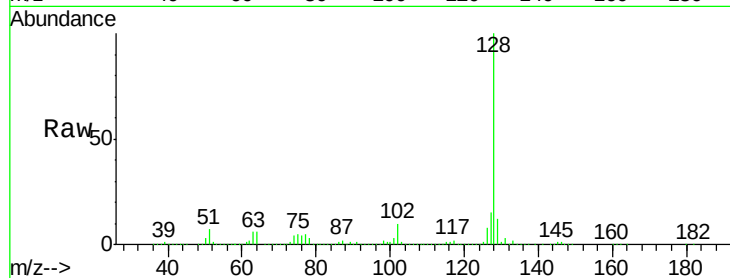
Tgt Ion:128 Resp: 2700616

Ion Ratio Lower Upper

128 100

129 12.4 9.0 13.6

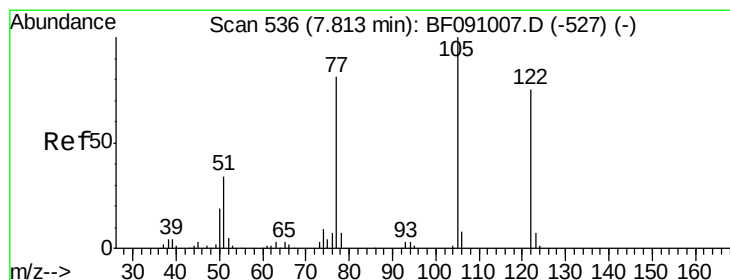
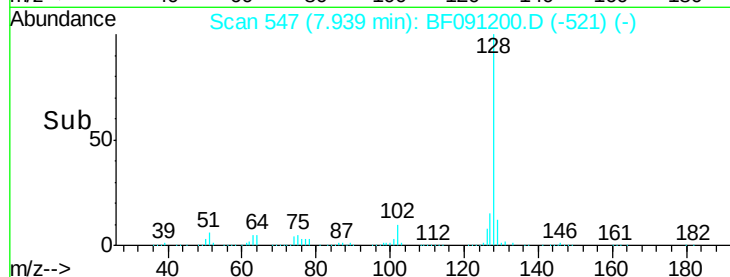
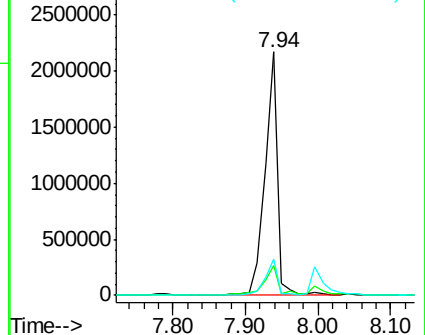
127 14.7 10.9 16.3



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: 13.50 ng

RT: 7.72 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

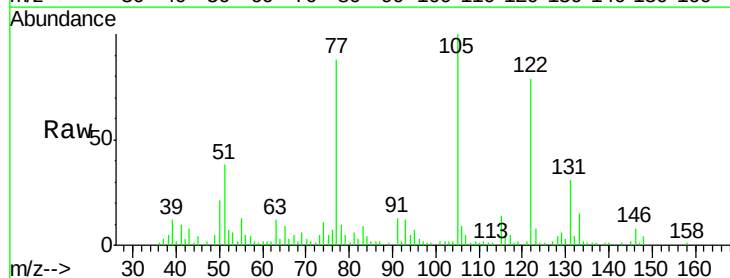
Tgt Ion:122 Resp: 90844

Ion Ratio Lower Upper

122 100

105 126.9 105.9 145.9

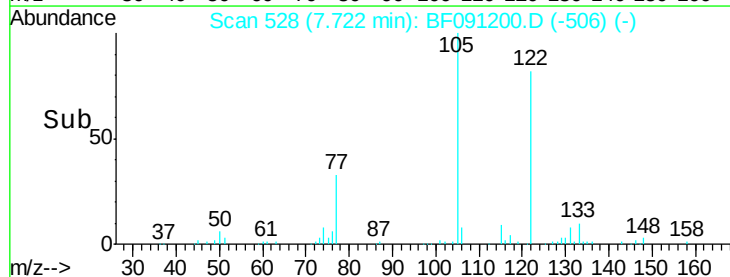
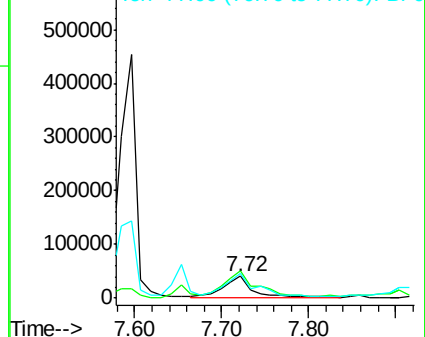
77 111.1 84.0 124.0

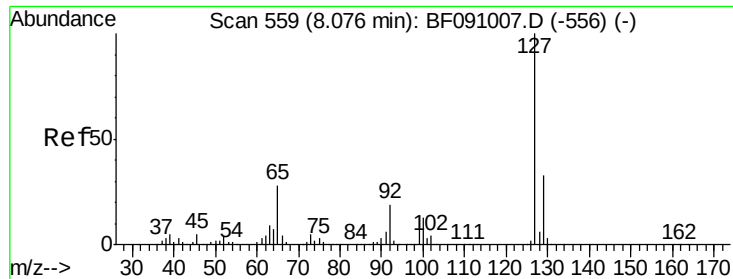


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

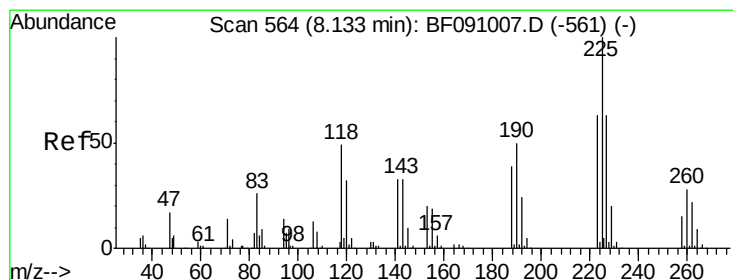
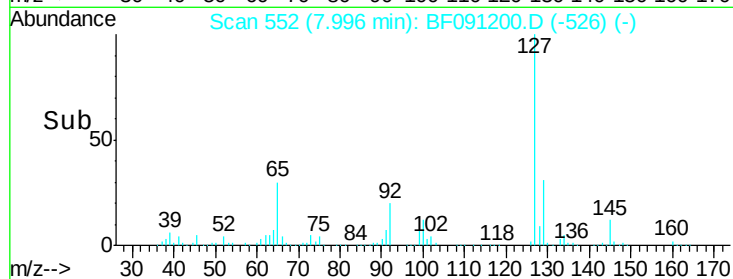
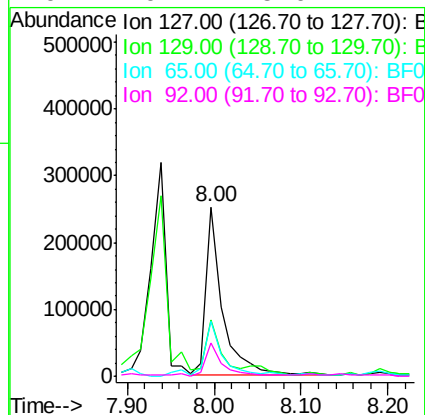
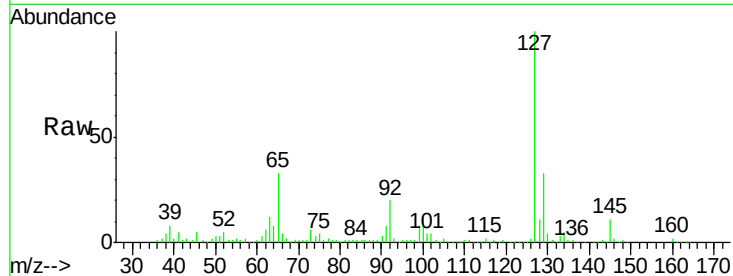




#33
4-Chloroaniline
Concen: 19.12 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

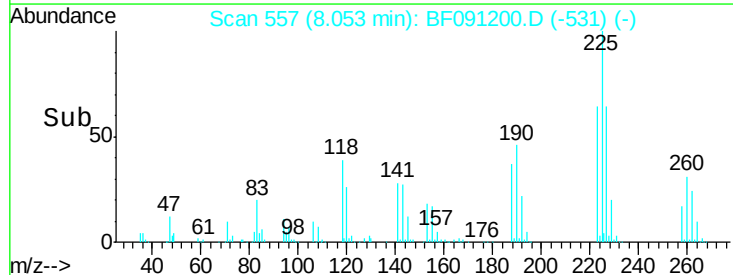
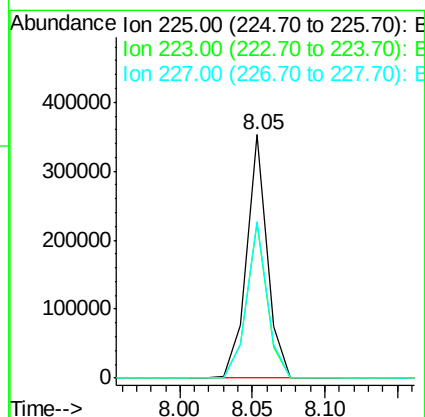
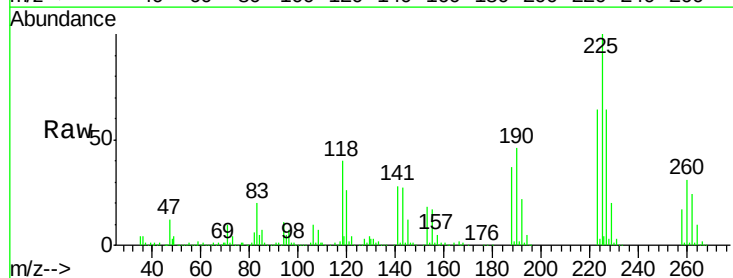
Instrument :
BNA_F
ClientSampleId :
C19023041MS

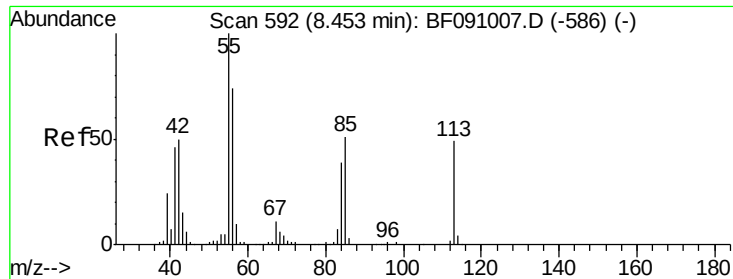
Tgt Ion:	127	Resp:	331635
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	39.8
65	32.5	22.2	33.2
92	19.7	15.0	22.4



#34
Hexachlorobutadiene
Concen: 53.23 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Tgt Ion:	225	Resp:	348326
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.4	75.6
227	64.4	50.1	75.1





#35

Caprolactam

Concen: 4.41 ng

RT: 8.42 min Scan# 589

Delta R.T. 0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

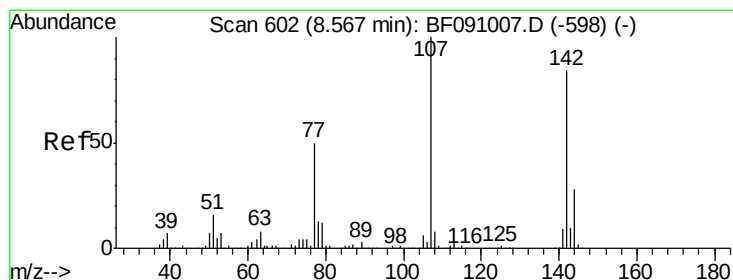
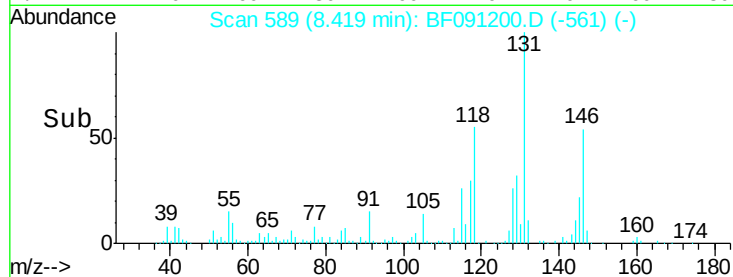
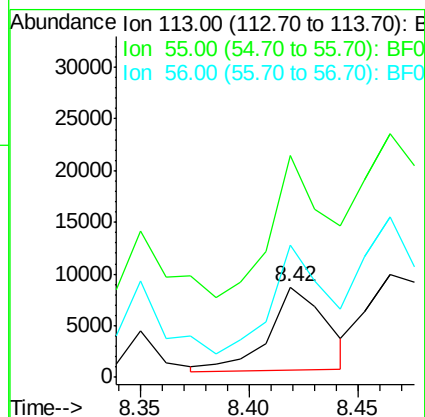
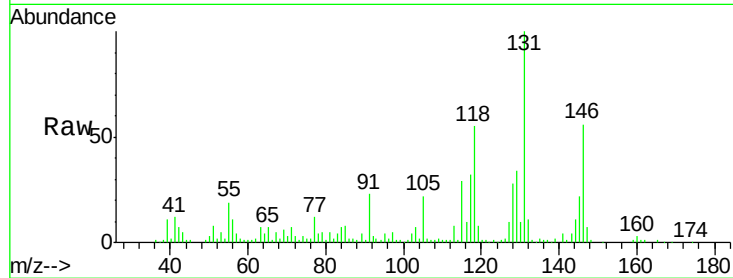
Tgt Ion:113 Resp: 14924

Ion Ratio Lower Upper

113 100

55 246.6 184.1 224.1#

56 146.4 132.0 172.0



#36

4-Chloro-3-methylphenol

Concen: 44.19 ng

RT: 8.49 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

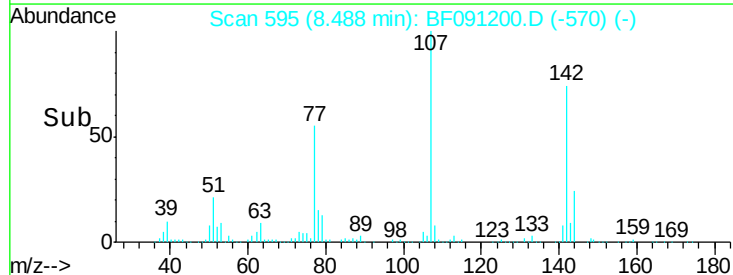
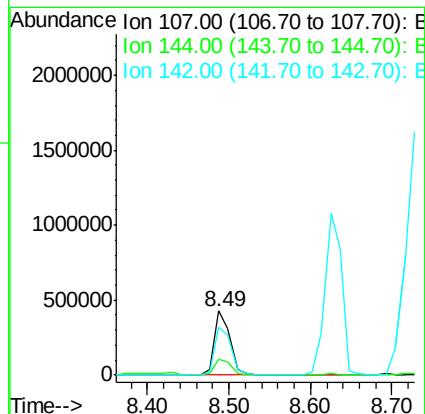
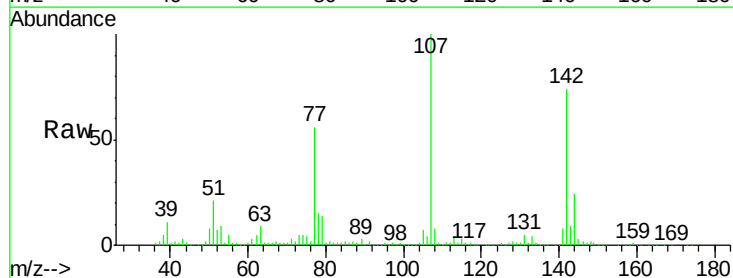
Tgt Ion:107 Resp: 576910

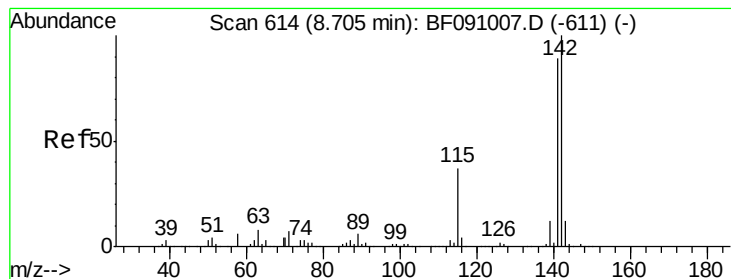
Ion Ratio Lower Upper

107 100

144 24.2 22.5 33.7

142 73.9 67.4 101.2





#37

2-Methylnaphthalene

Concen: 57.39 ng

RT: 8.62 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

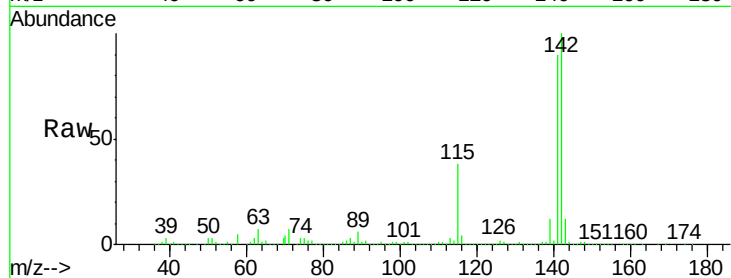
Tgt Ion:142 Resp: 1538579

Ion Ratio Lower Upper

142 100

141 89.6 71.3 106.9

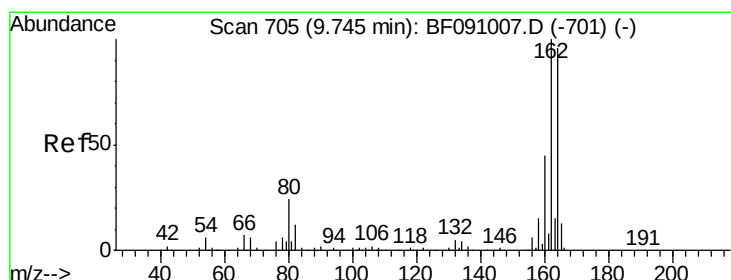
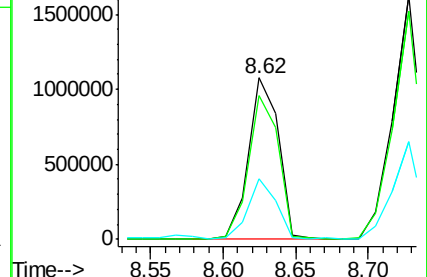
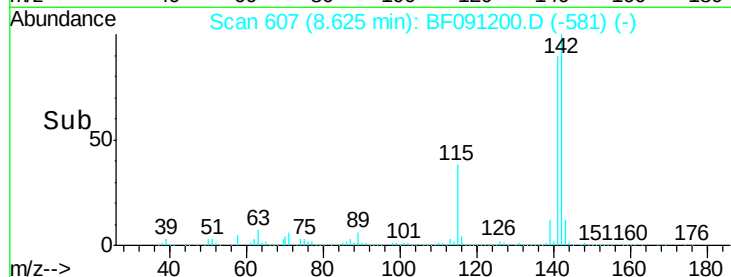
115 37.9 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

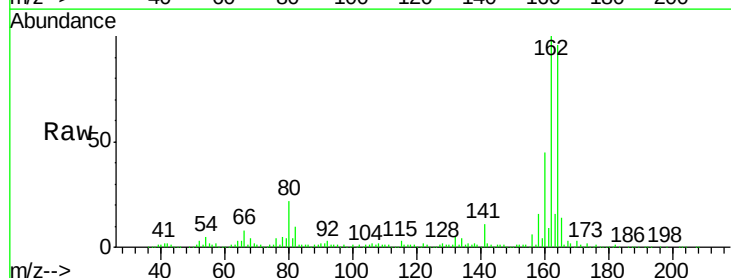
Tgt Ion:164 Resp: 424495

Ion Ratio Lower Upper

164 100

162 104.7 83.6 125.4

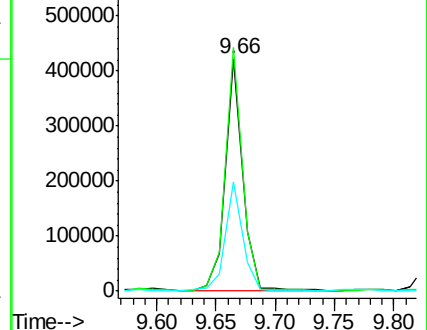
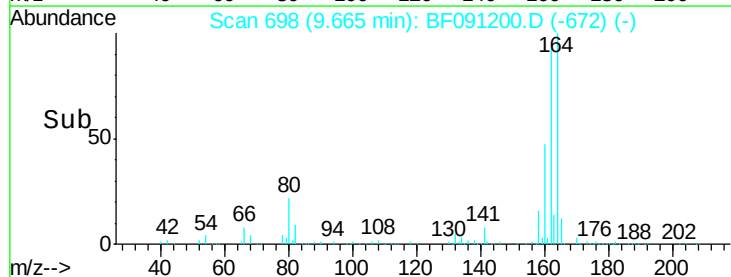
160 47.1 37.9 56.9

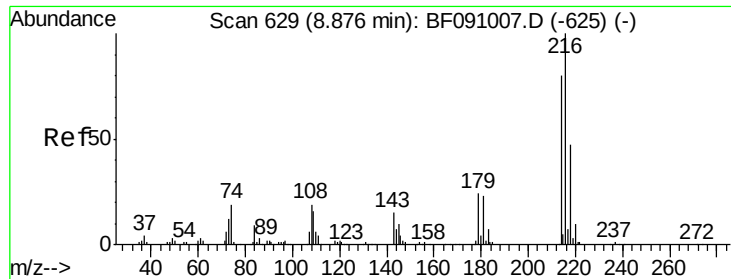


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

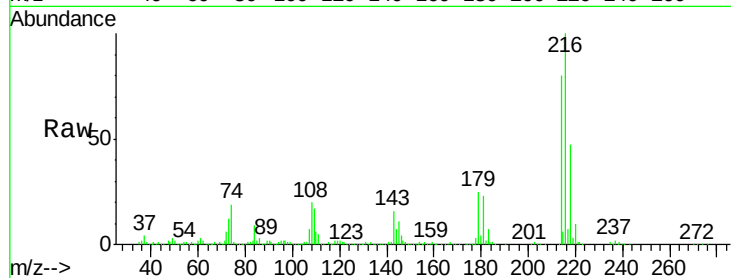




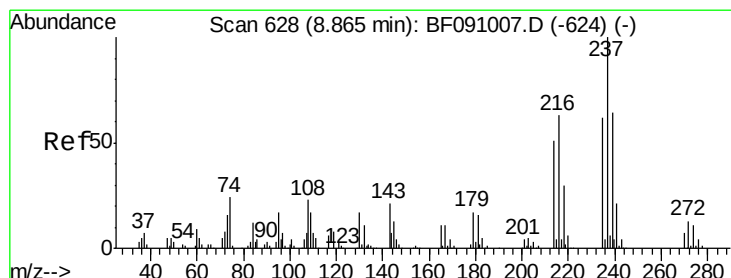
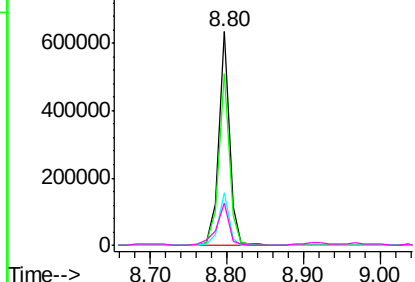
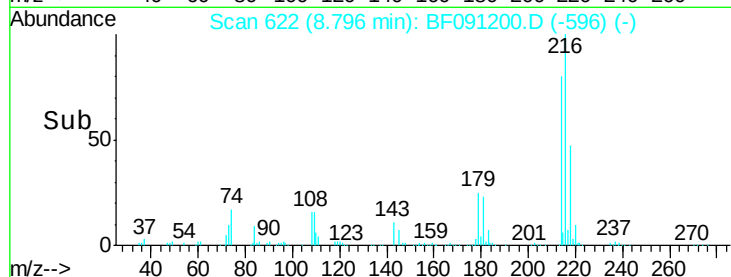
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.23 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tgt Ion:	216	Resp:	619435
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	23.5	19.1	28.7
108	21.3	17.5	26.3

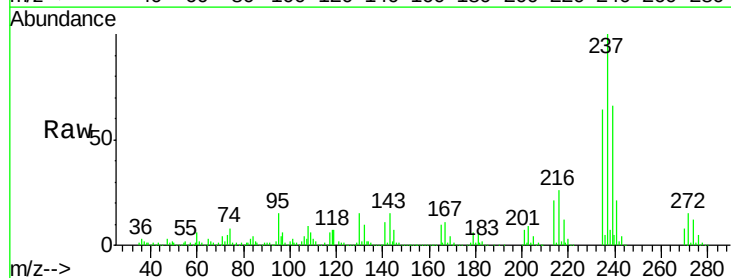


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

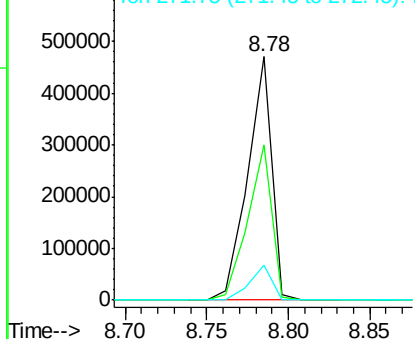
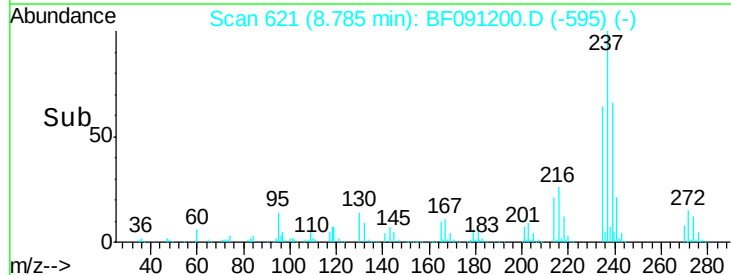


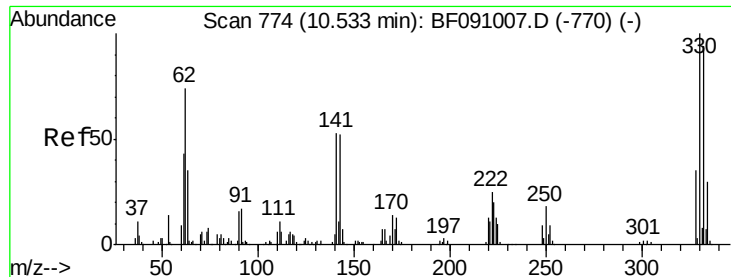
#40
 Hexachlorocyclopentadiene
 Concen: 111.43 ng
 RT: 8.78 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion:	237	Resp:	480128
Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.1	82.1
272	14.6	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

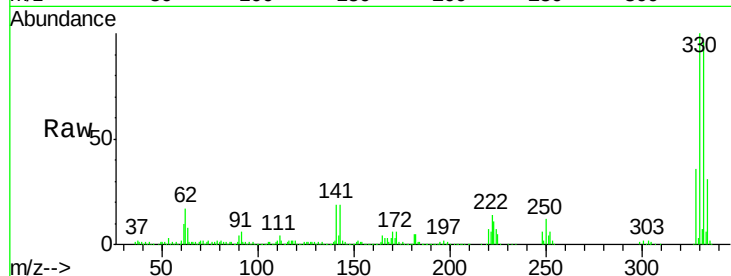




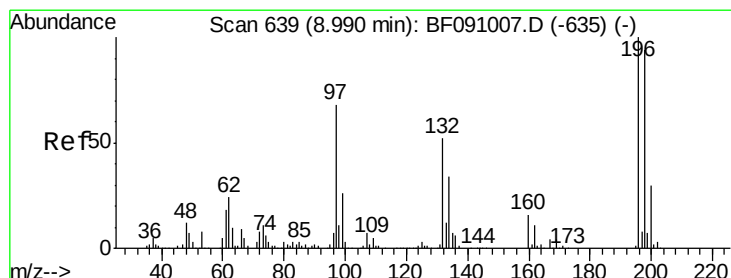
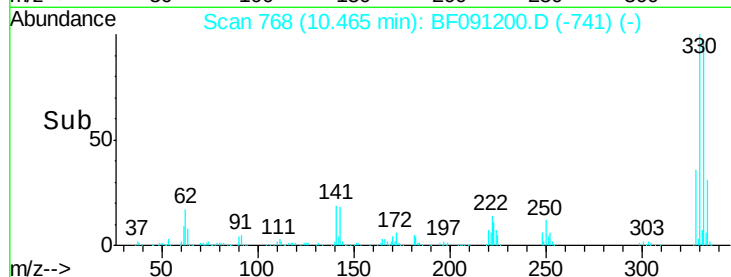
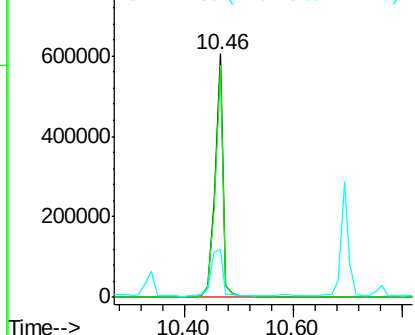
#41
 2,4,6-Tribromophenol
 Concen: 167.19 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tgt Ion:330 Resp: 641634
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.9 113.9
 141 28.0 36.1 54.1#

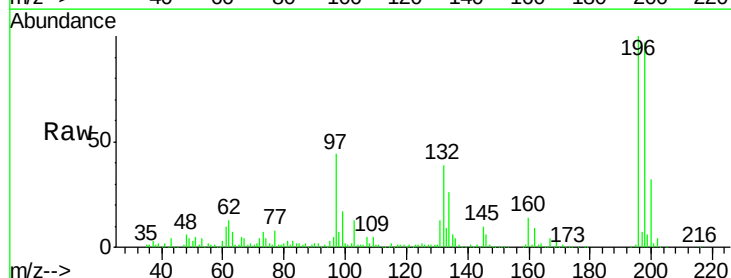


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

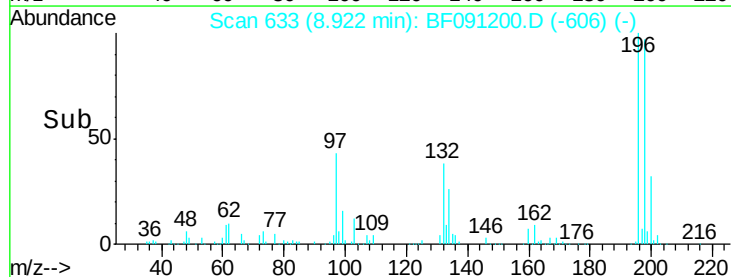
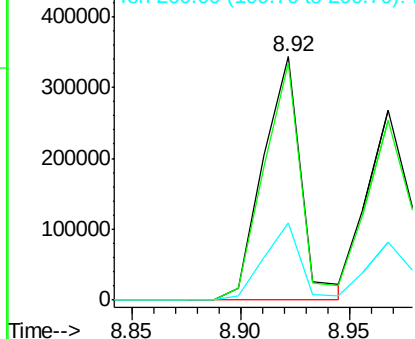


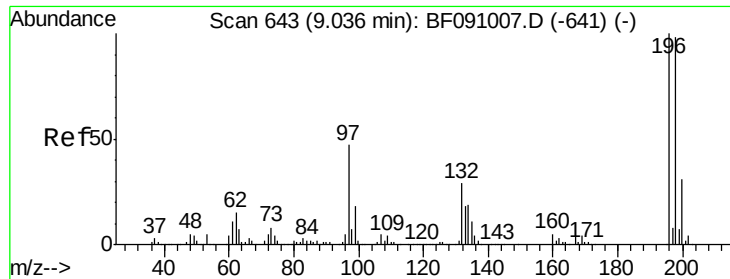
#42
 2,4,6-Trichlorophenol
 Concen: 60.05 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion:196 Resp: 419532
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.4 113.0
 200 31.6 24.1 36.1



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

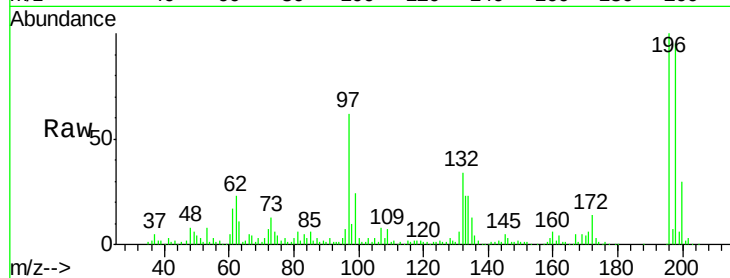




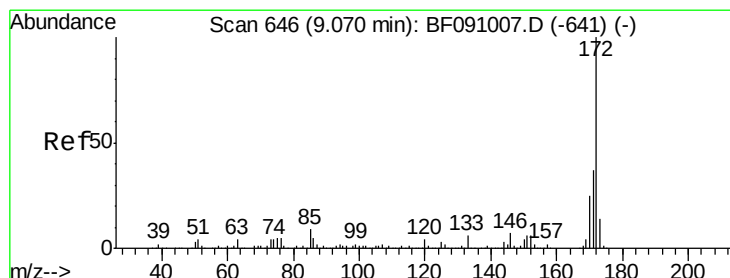
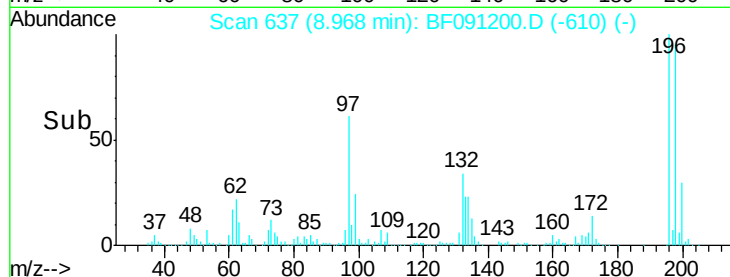
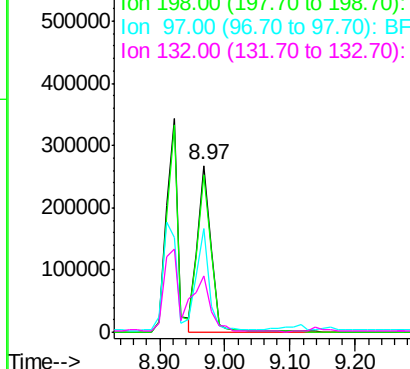
#43
 2,4,5-Trichlorophenol
 Concen: 52.57 ng
 RT: 8.97 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tgt Ion:196 Resp: 385634
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.2 117.4
 97 62.2 38.8 58.2#
 132 34.0 23.5 35.3

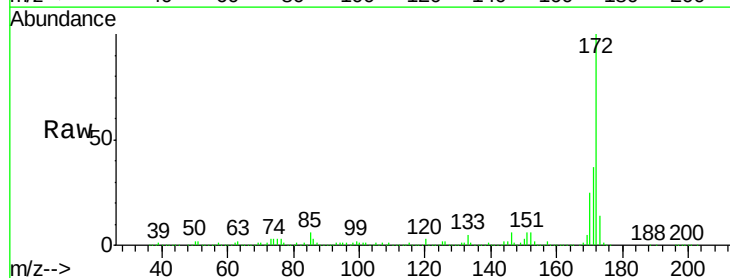


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

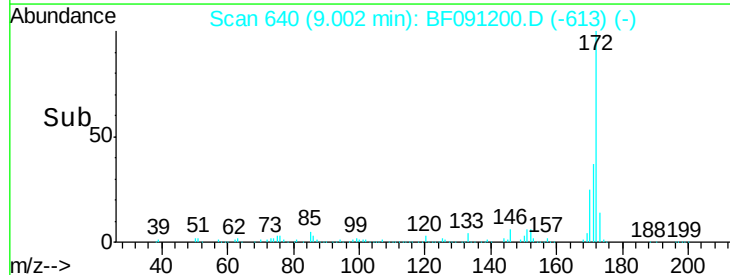
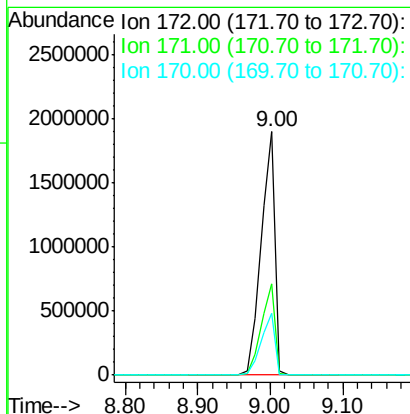


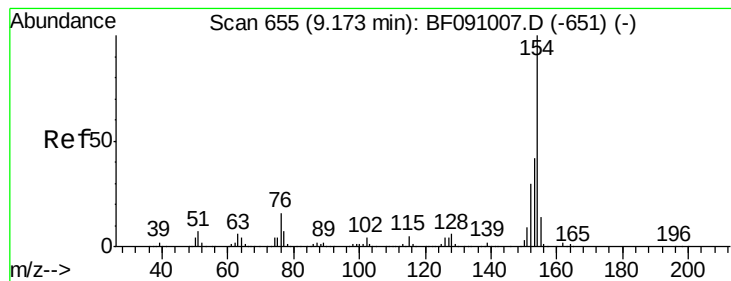
#44
 2-Fluorobiphenyl
 Concen: 104.71 ng
 RT: 9.00 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion:172 Resp: 2581904
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.4 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: 45.50 ng

RT: 9.09 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

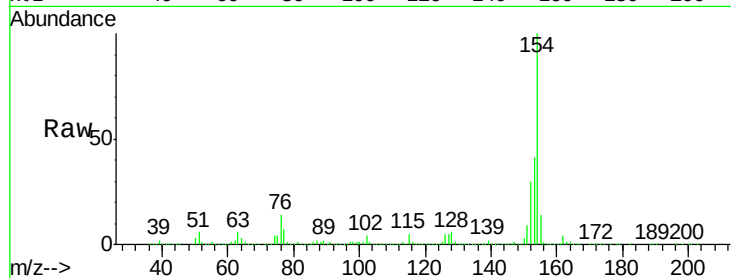
Tgt Ion:154 Resp: 1410176

Ion Ratio Lower Upper

154 100

153 41.4 21.6 61.6

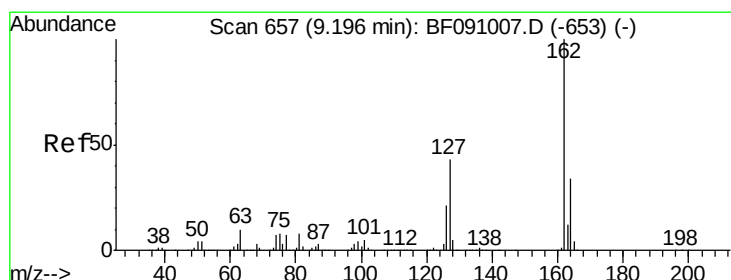
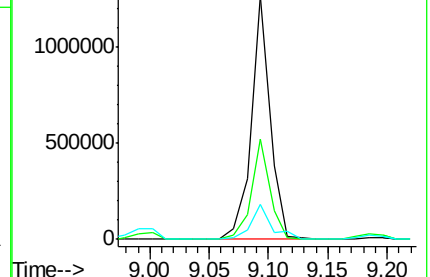
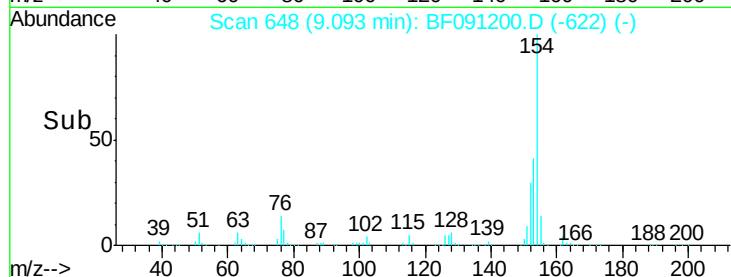
76 14.4 0.0 36.2



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: 48.98 ng

RT: 9.12 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

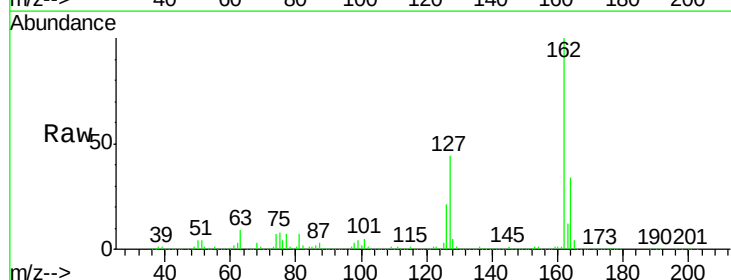
Tgt Ion:162 Resp: 1152698

Ion Ratio Lower Upper

162 100

127 44.0 34.7 52.1

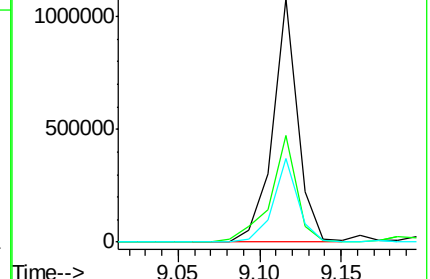
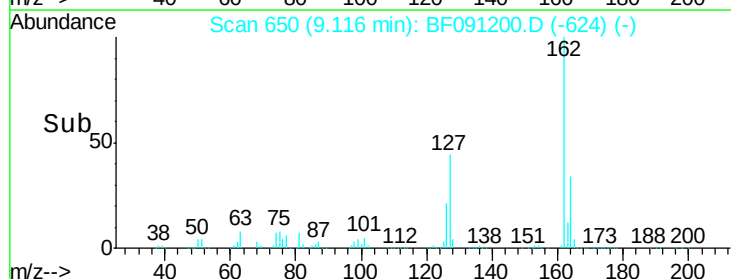
164 34.3 27.0 40.4

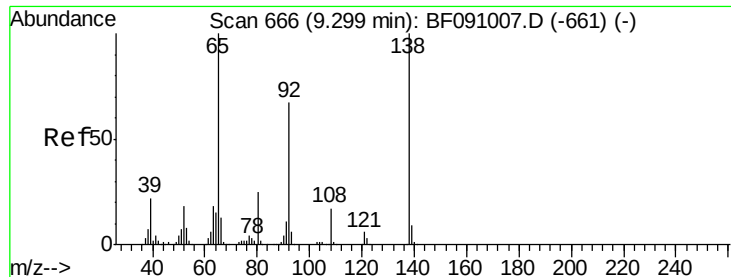


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.25 ng

RT: 9.23 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

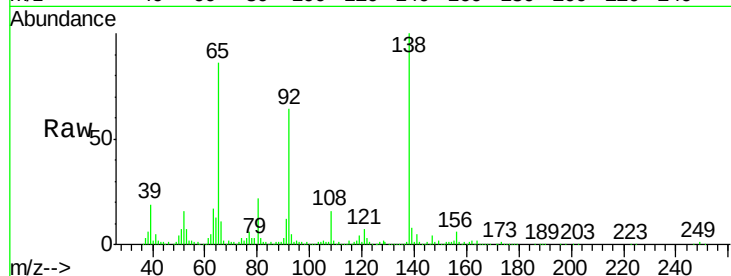
Tgt Ion: 65 Resp: 403912

Ion Ratio Lower Upper

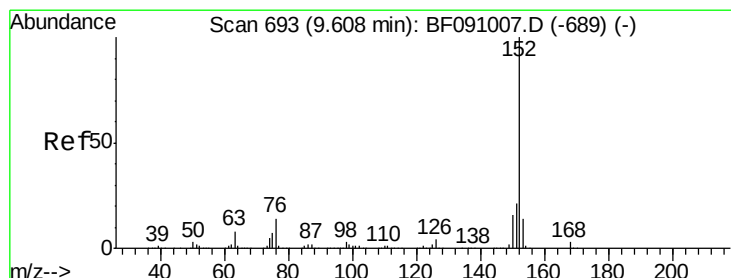
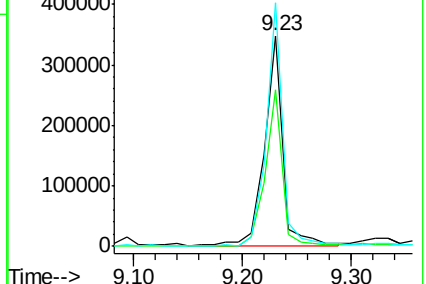
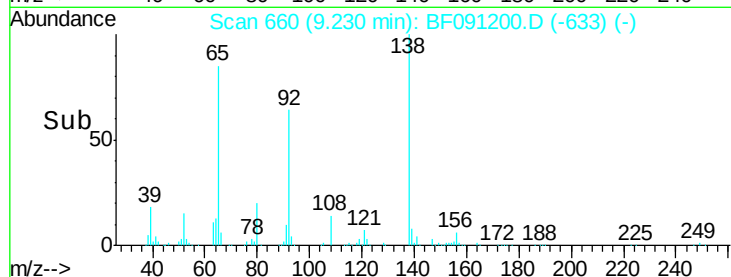
65 100

92 74.2 53.9 80.9

138 115.7 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: 48.51 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

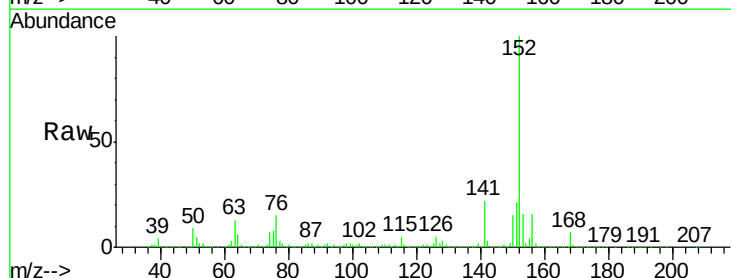
Tgt Ion: 152 Resp: 1779130

Ion Ratio Lower Upper

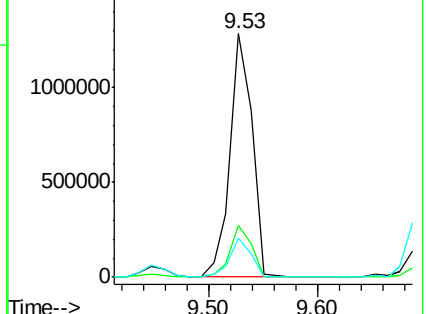
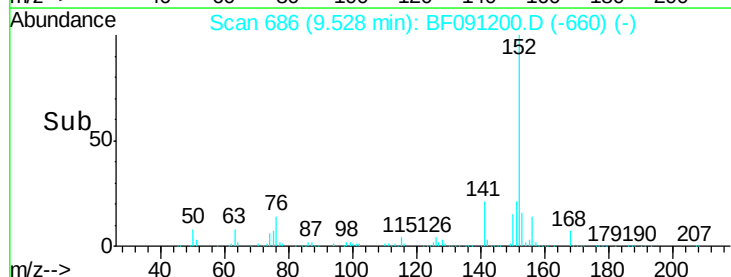
152 100

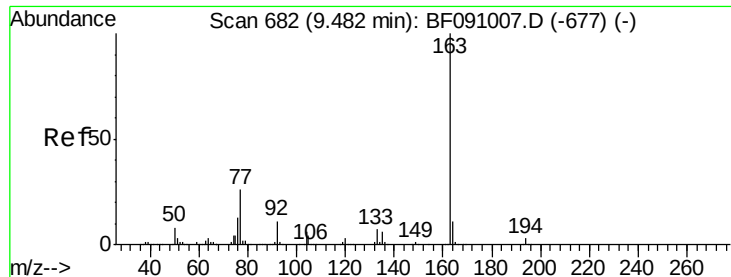
151 21.3 16.7 25.1

153 15.9 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: 53.54 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

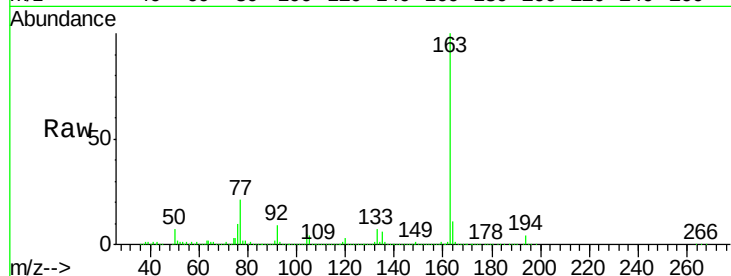
Tgt Ion:163 Resp: 1490201

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

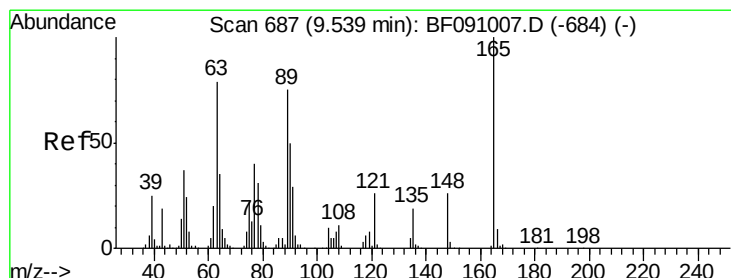
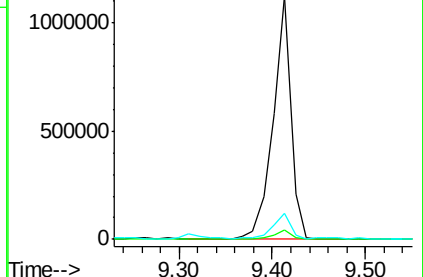
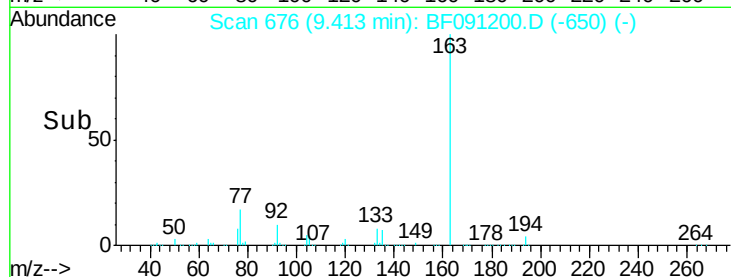
164 10.8 8.7 13.1



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: 50.60 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

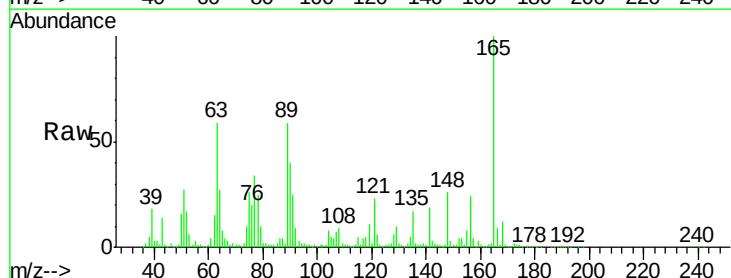
Tgt Ion:165 Resp: 301855

Ion Ratio Lower Upper

165 100

63 59.4 65.6 98.4#

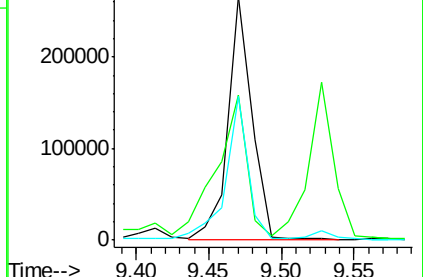
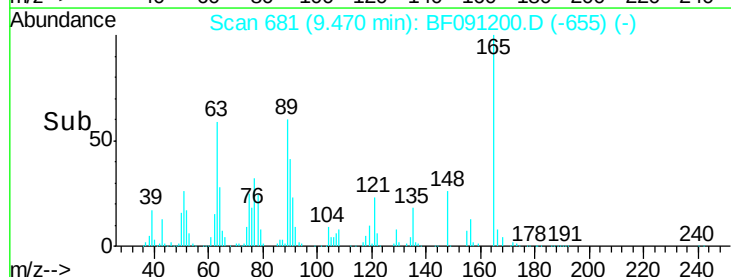
89 59.2 59.8 89.6#

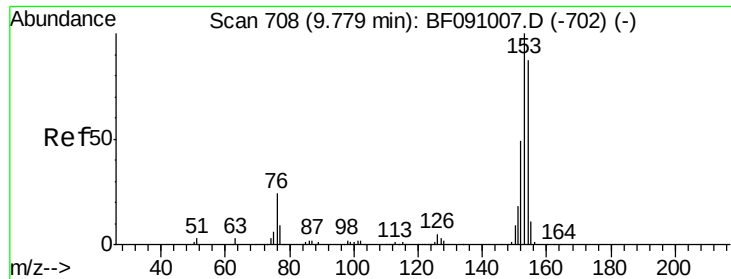


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.42 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

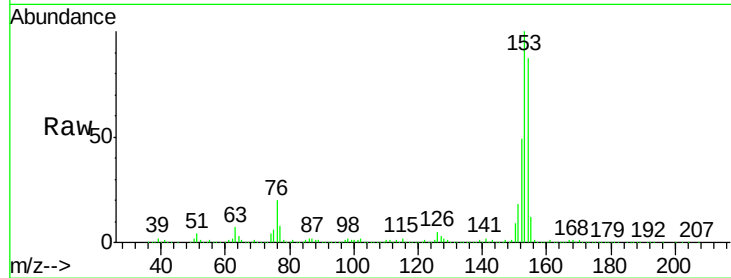
Tgt Ion:154 Resp: 1091871

Ion Ratio Lower Upper

154 100

153 114.4 91.6 137.4

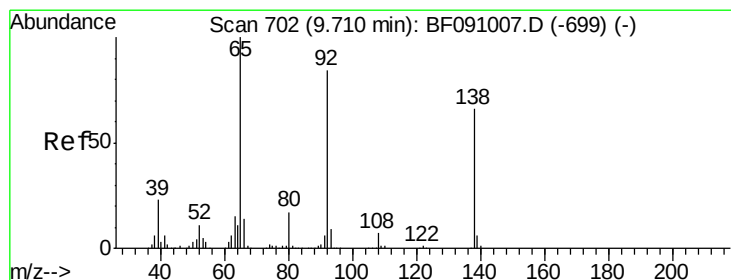
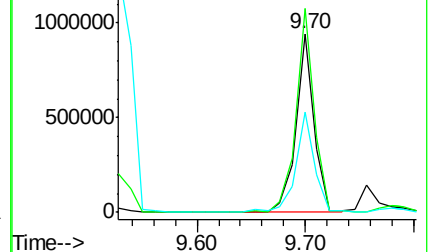
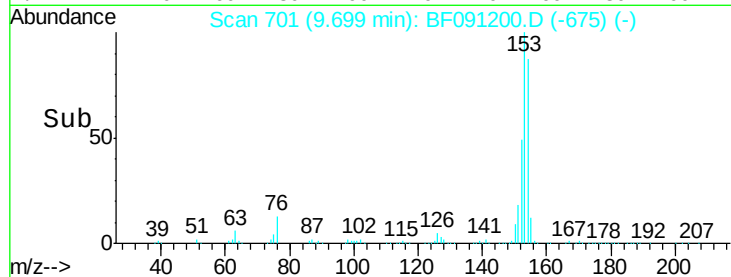
152 55.9 44.6 67.0



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: 19.64 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

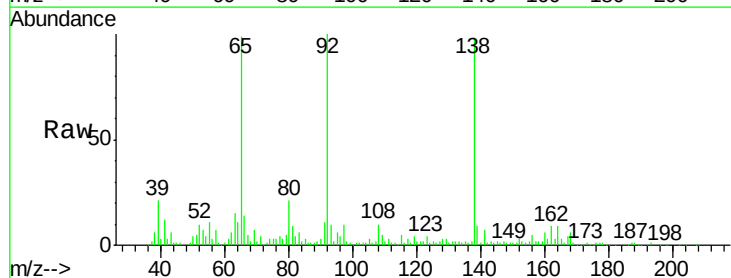
Tgt Ion:138 Resp: 138951

Ion Ratio Lower Upper

138 100

108 10.1 8.4 12.6

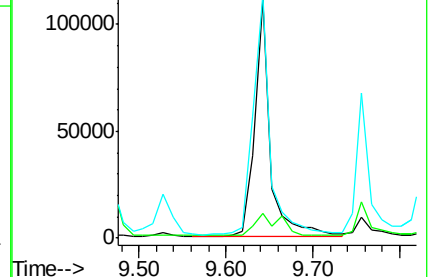
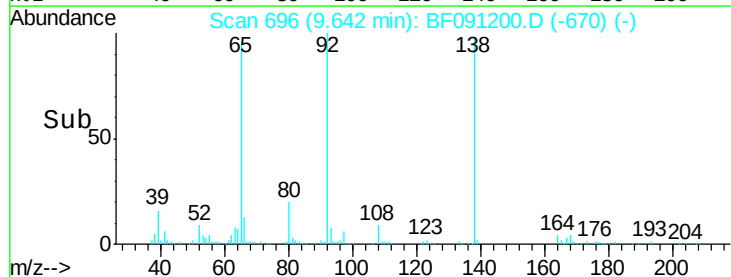
92 101.9 101.1 151.7

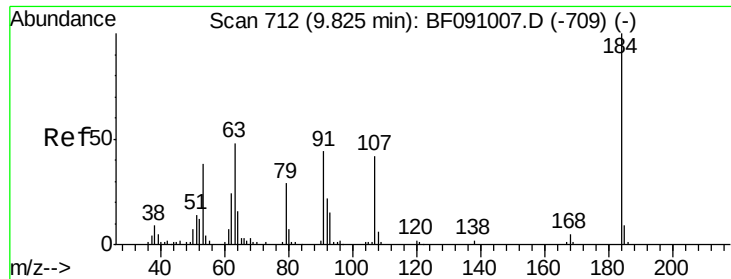


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

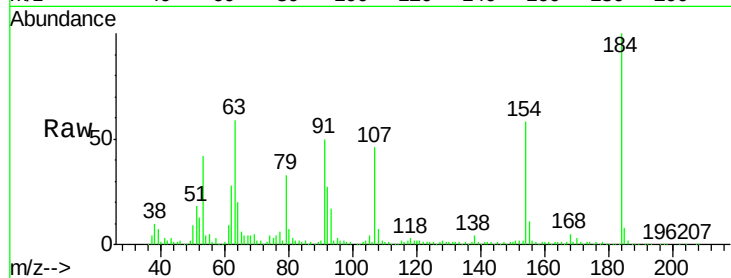




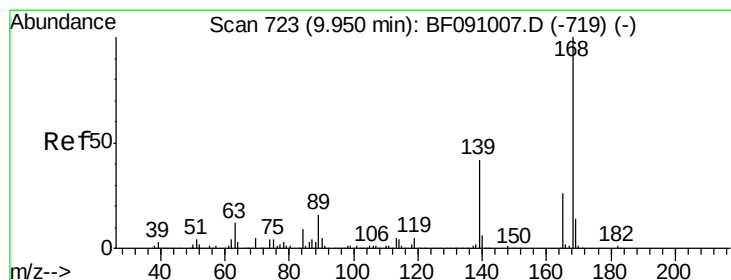
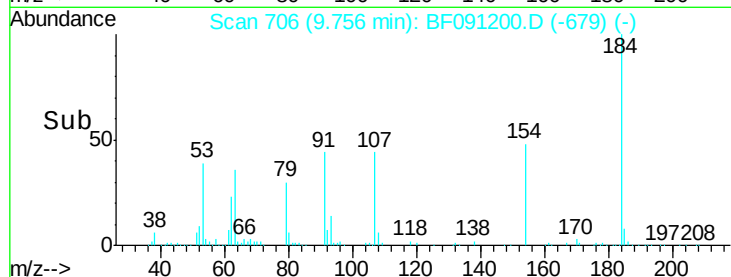
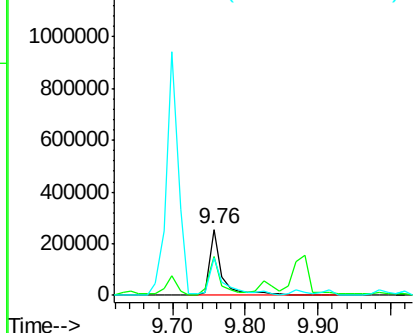
#53
 2,4-Dinitrophenol
 Concen: 91.44 ng
 RT: 9.76 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tgt Ion:184 Resp: 300270
 Ion Ratio Lower Upper
 184 100
 63 59.3 45.5 68.3
 154 58.0 51.0 76.4

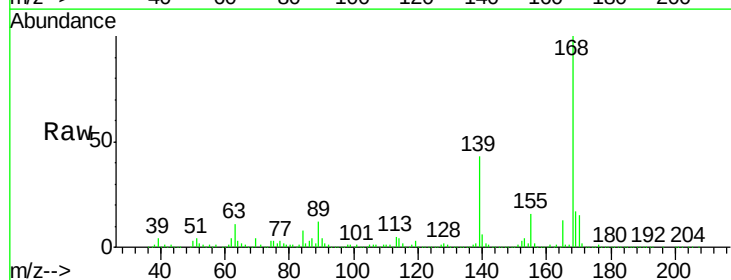


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

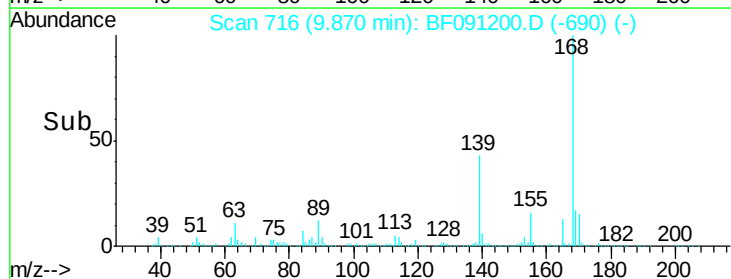
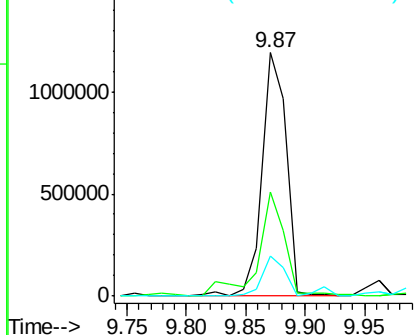


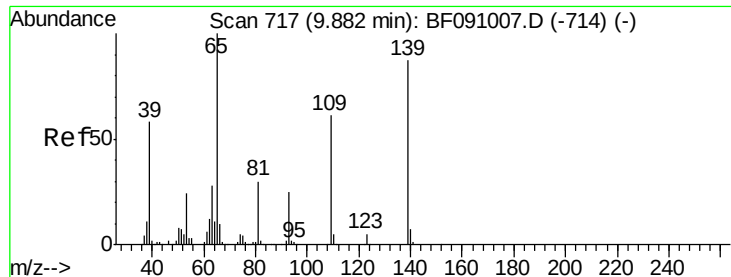
#54
 Dibenzofuran
 Concen: 54.78 ng
 RT: 9.87 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion:168 Resp: 1697934
 Ion Ratio Lower Upper
 168 100
 139 42.5 34.8 52.2
 169 16.6 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

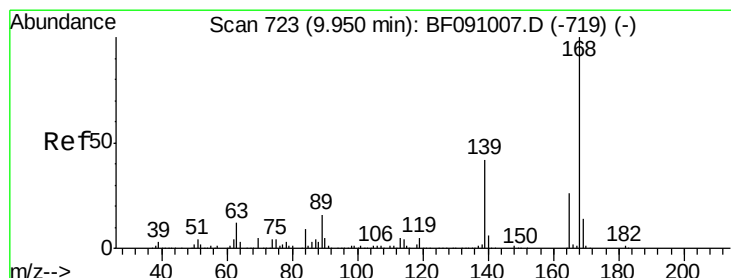
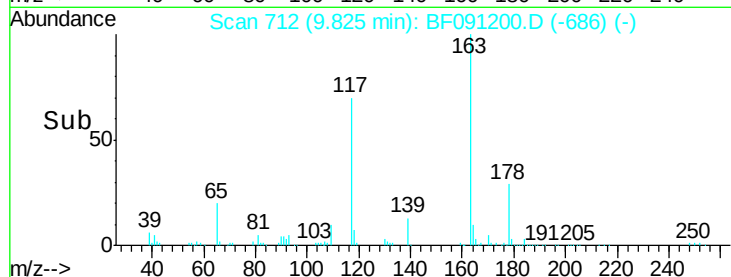
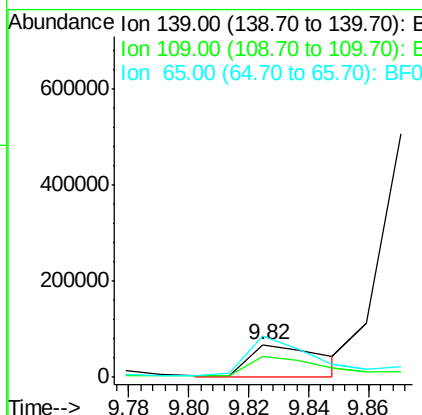
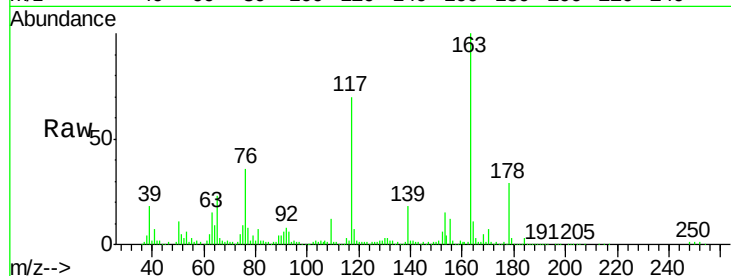




#55
4-Nitrophenol
Concen: 29.18 ng m
RT: 9.82 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

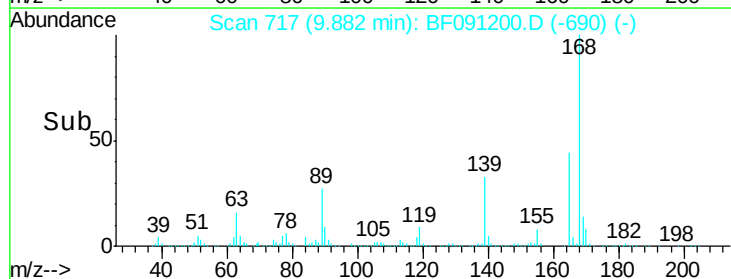
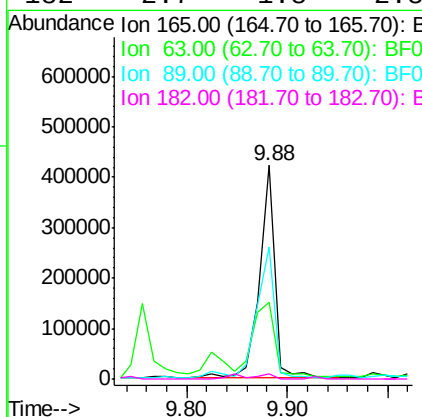
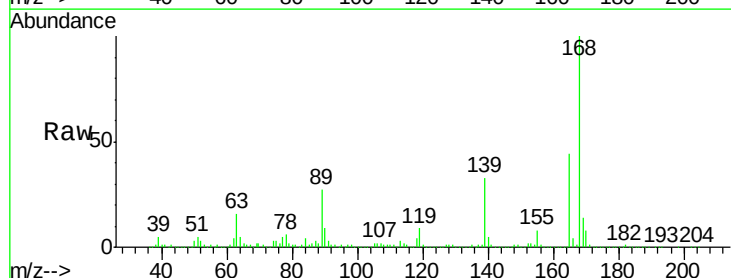
Instrument :
BNA_F
ClientSampleId :
C19023041MS

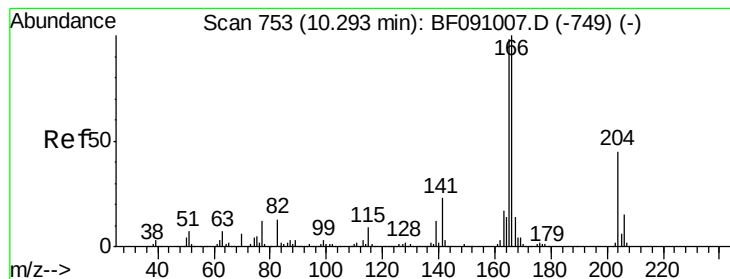
Tgt Ion:139 Resp: 119014
Ion Ratio Lower Upper
139 100
109 63.8 50.5 90.5
65 124.5 97.1 137.1



#56
2,4-Dinitrotoluene
Concen: 59.58 ng
RT: 9.88 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Tgt Ion:165 Resp: 452210
Ion Ratio Lower Upper
165 100
63 36.2 38.7 58.1#
89 61.5 50.6 76.0
182 2.7 1.8 2.8





#57

Fluorene

Concen: 50.90 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

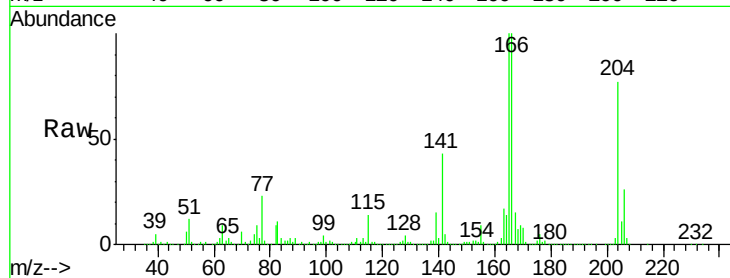
Tgt Ion:166 Resp: 1289448

Ion Ratio Lower Upper

166 100

165 99.8 78.6 118.0

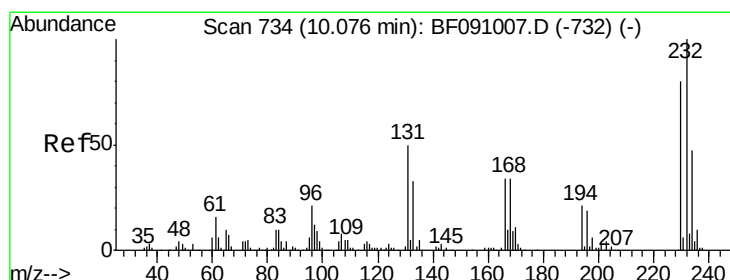
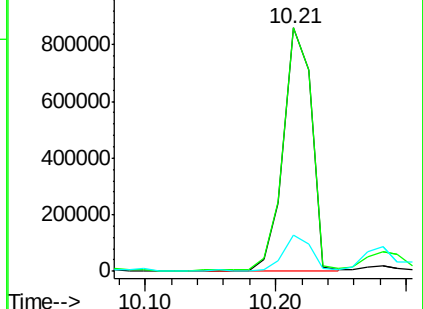
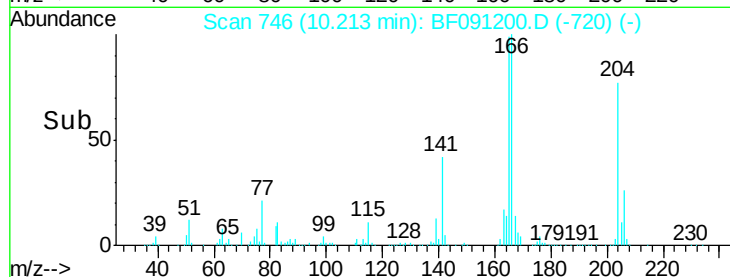
167 15.0 11.1 16.7



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: 60.60 ng

RT: 10.01 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Tgt Ion:232 Resp: 348236

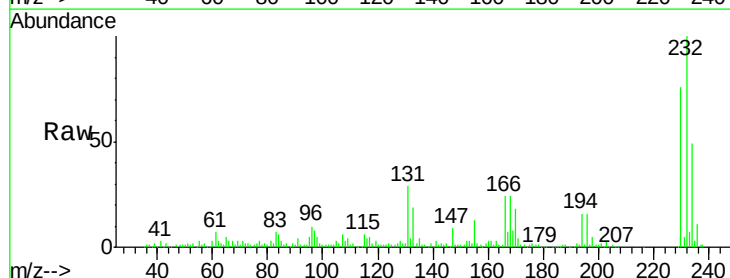
Ion Ratio Lower Upper

232 100

131 46.0 43.6 65.4

130 3.0 2.0 3.0

166 29.6 27.4 41.2

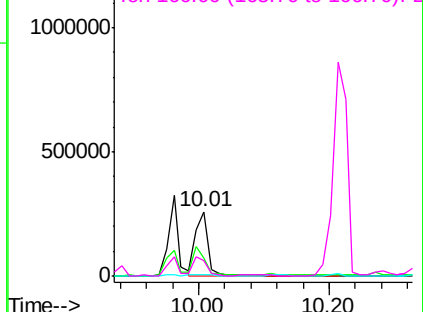
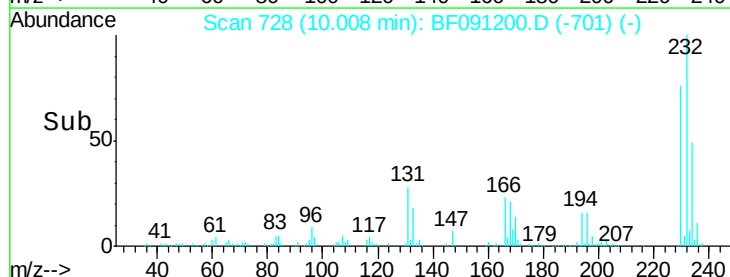


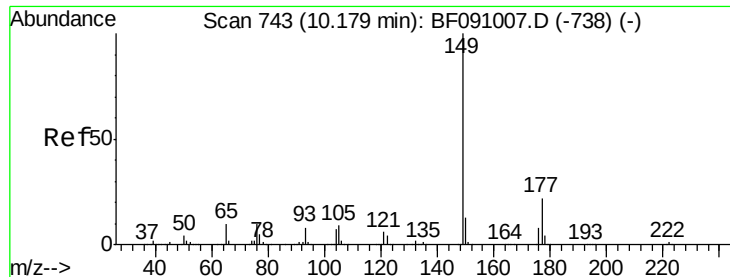
Abundance Ion 232.00 (231.70 to 232.70): E

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

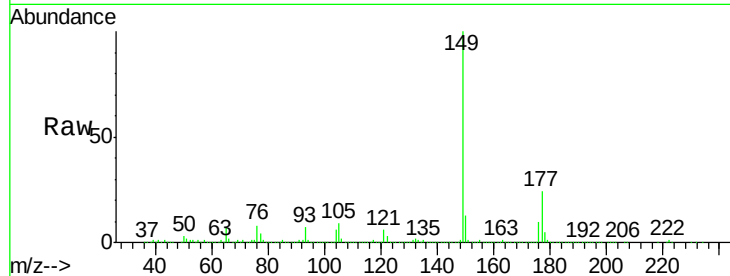




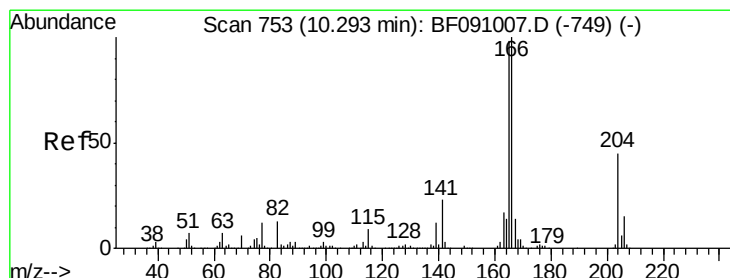
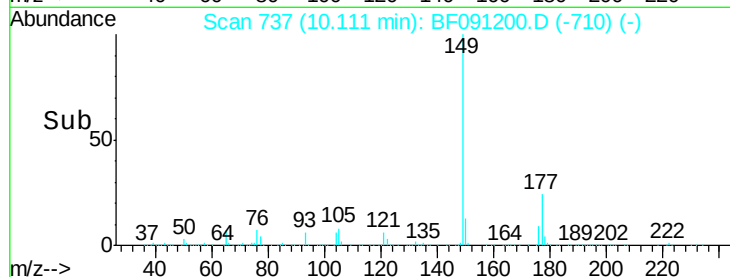
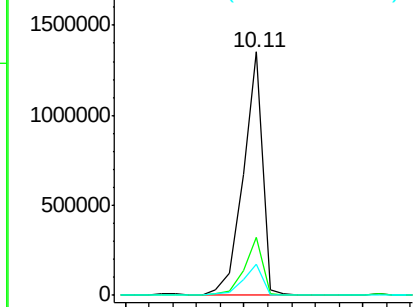
#59
Diethylphthalate
Concen: 53.19 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Instrument :
BNA_F
ClientSampleId :
C19023041MS

Tgt Ion:149 Resp: 1517849
Ion Ratio Lower Upper
149 100
177 23.6 17.3 25.9
150 12.9 10.3 15.5

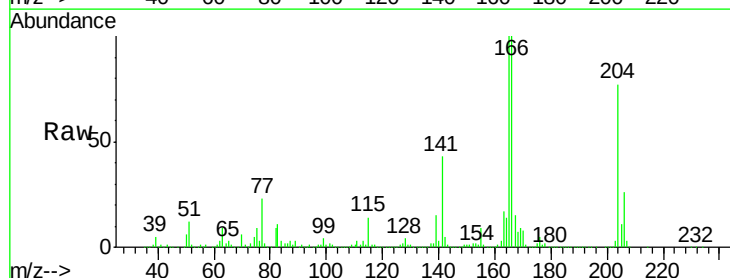


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

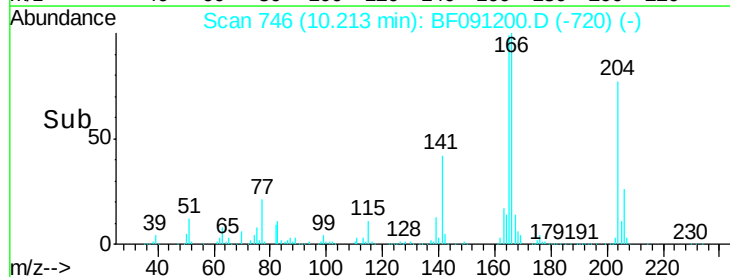
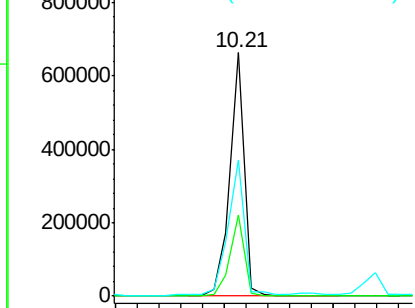


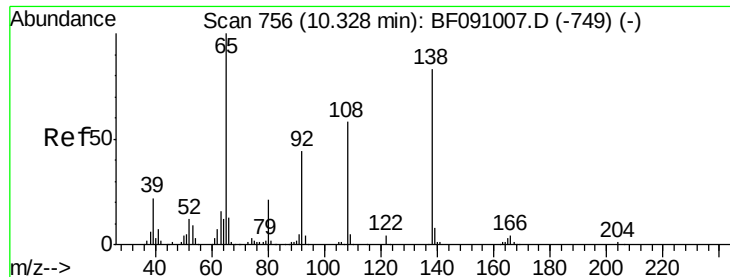
#60
4-Chlorophenyl-phenylether
Concen: 52.94 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Tgt Ion:204 Resp: 610452
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 56.1 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: 40.75 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

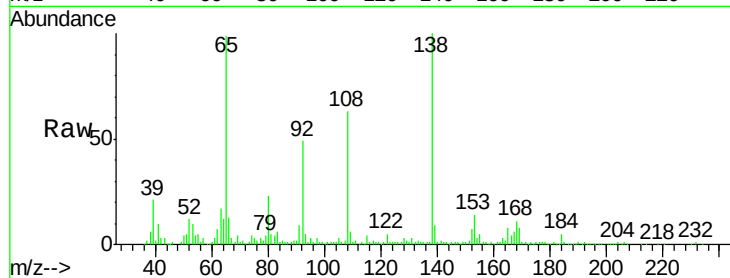
Tgt Ion:138 Resp: 291643

Ion Ratio Lower Upper

138 100

92 48.9 32.5 72.5

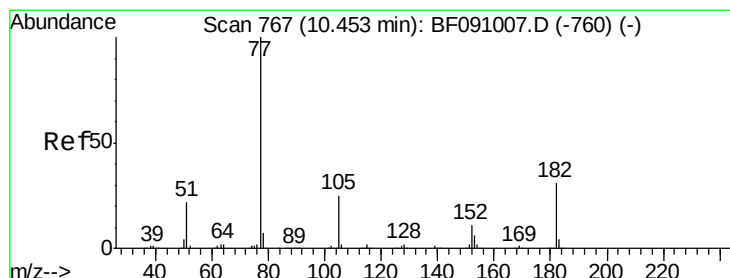
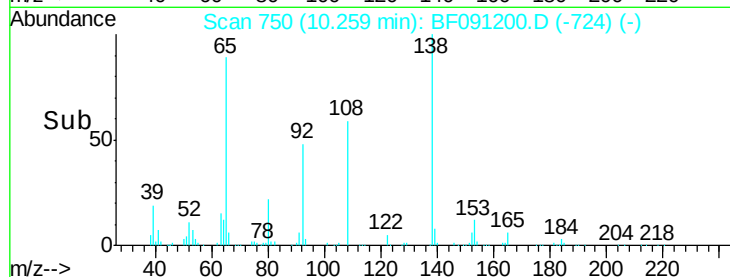
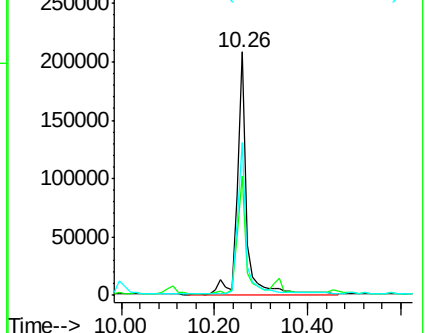
108 62.6 49.4 89.4



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: 43.67 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Tgt Ion: 77 Resp: 1467158

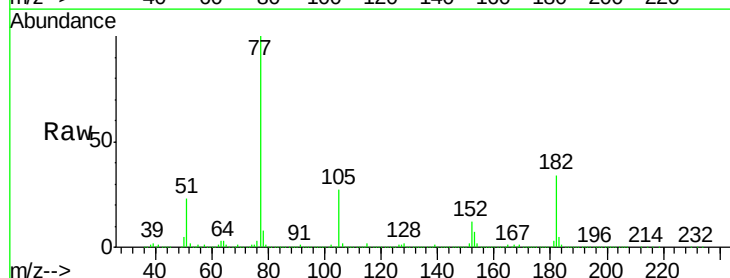
Ion Ratio Lower Upper

77 100

182 33.5 11.0 51.0

105 27.1 5.6 45.6

51 23.4 2.7 42.7

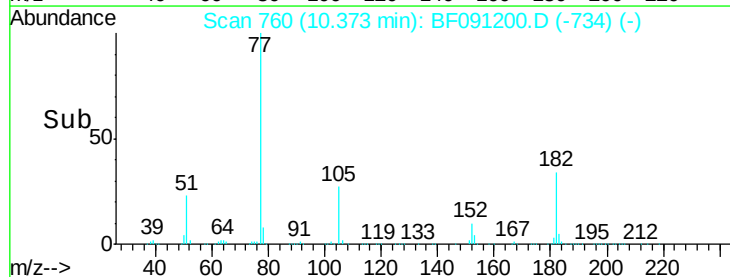
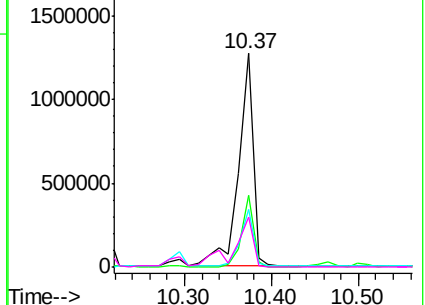


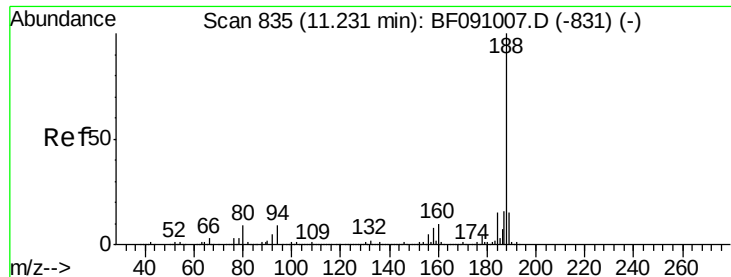
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.15 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

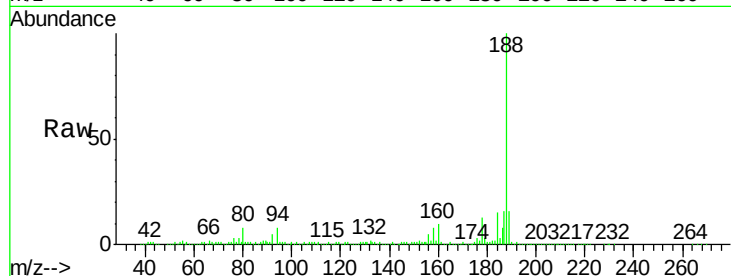
Tgt Ion:188 Resp: 688881

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

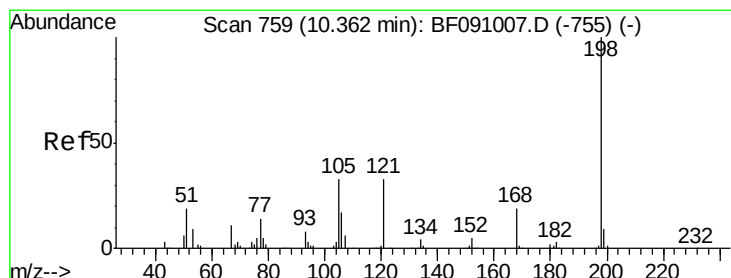
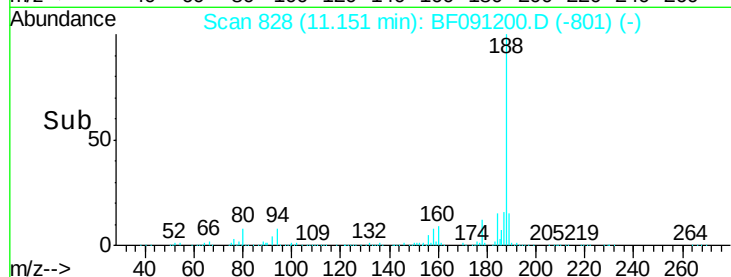
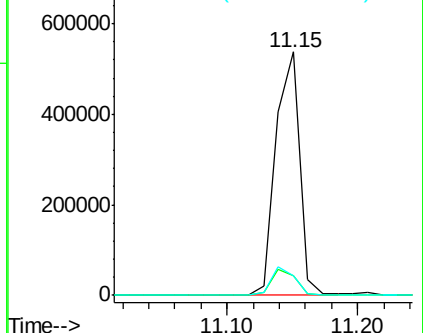
80 8.1 7.5 11.3



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: 56.63 ng

RT: 10.29 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

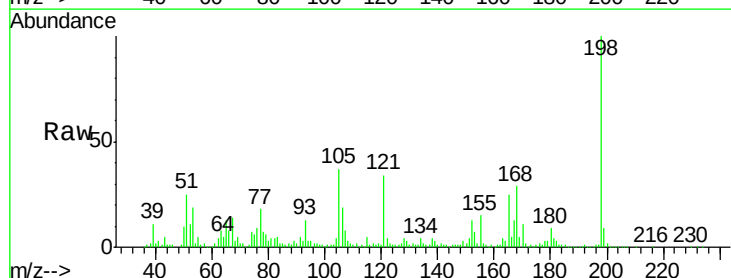
Tgt Ion:198 Resp: 238891

Ion Ratio Lower Upper

198 100

51 24.9 5.9 45.9

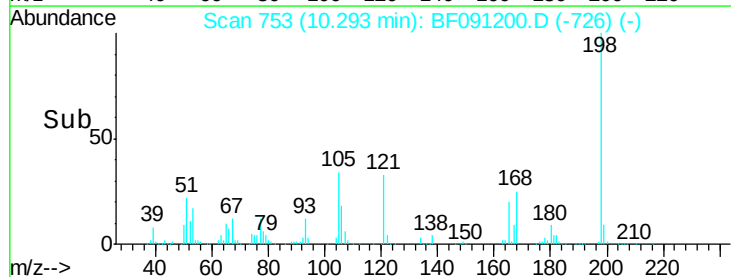
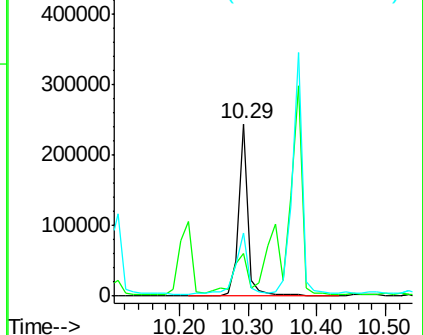
105 36.6 13.8 53.8

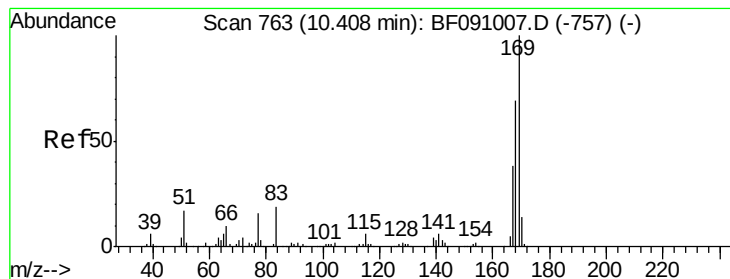


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 57.56 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

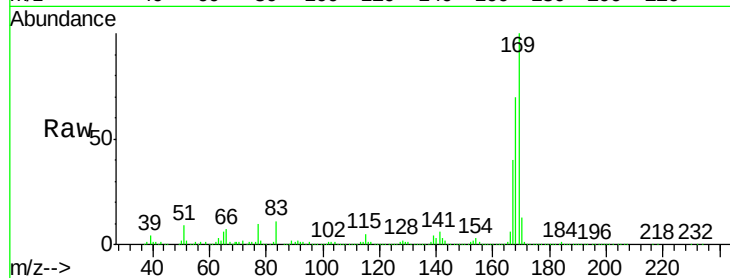
Tgt Ion:169 Resp: 1260351

Ion Ratio Lower Upper

169 100

168 70.2 55.3 82.9

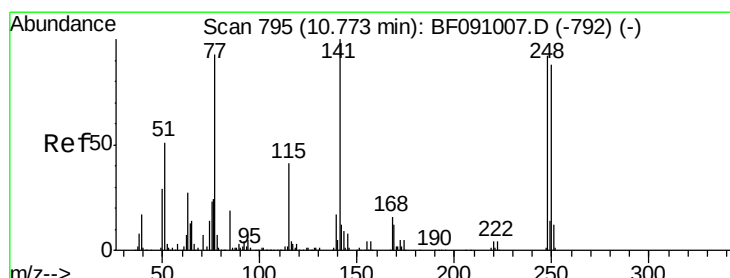
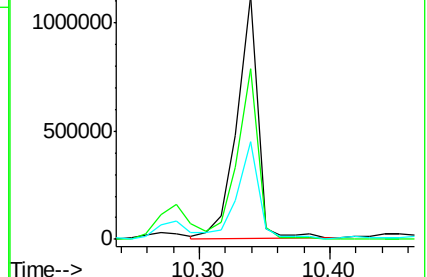
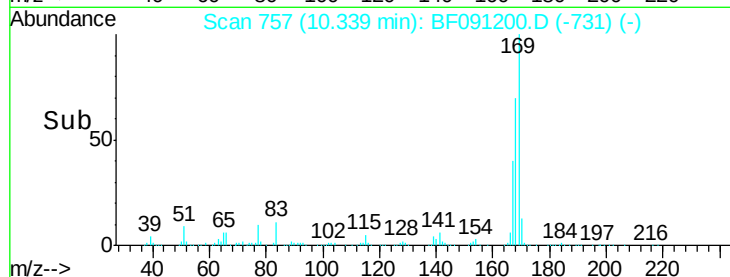
167 40.2 30.3 45.5



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: 59.56 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

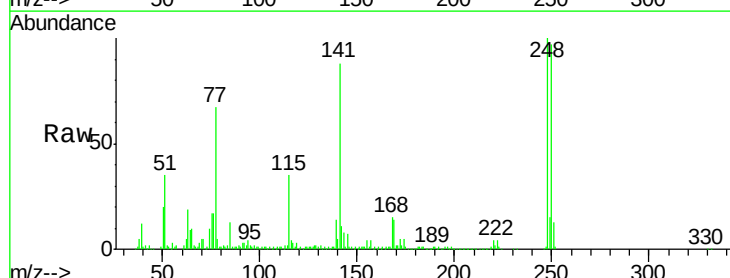
Tgt Ion:248 Resp: 426765

Ion Ratio Lower Upper

248 100

250 97.2 76.3 114.5

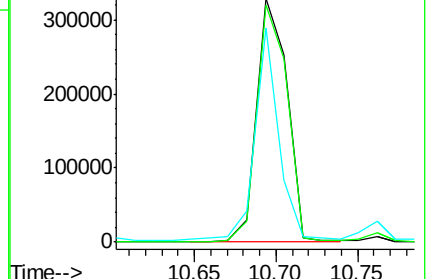
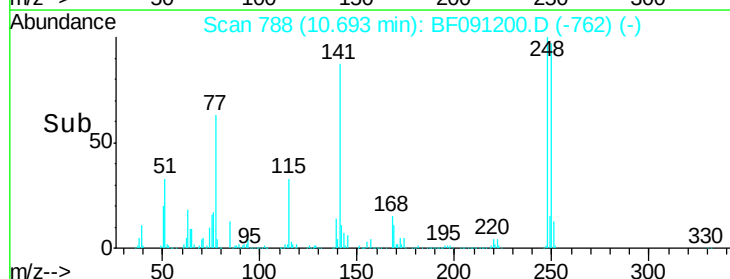
141 87.9 86.8 130.2

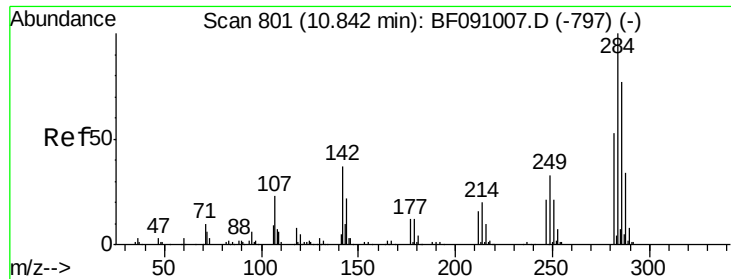


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 59.19 ng

RT: 10.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

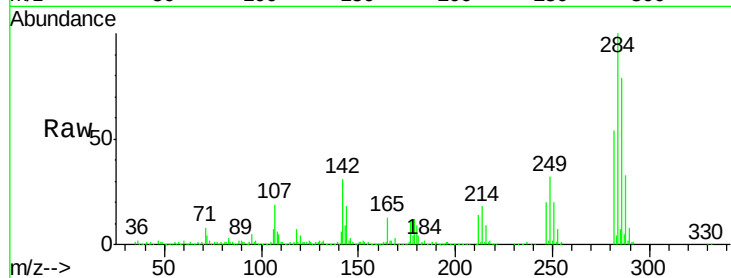
Tgt Ion:284 Resp: 467753

Ion Ratio Lower Upper

284 100

142 31.1 29.9 44.9

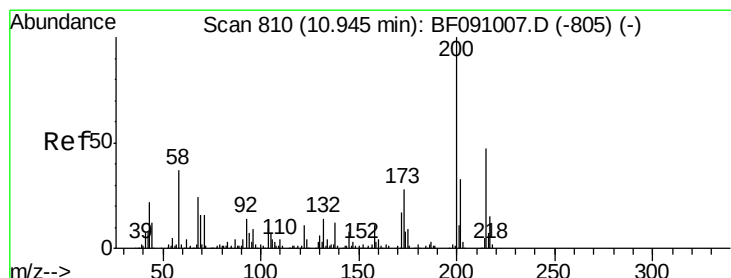
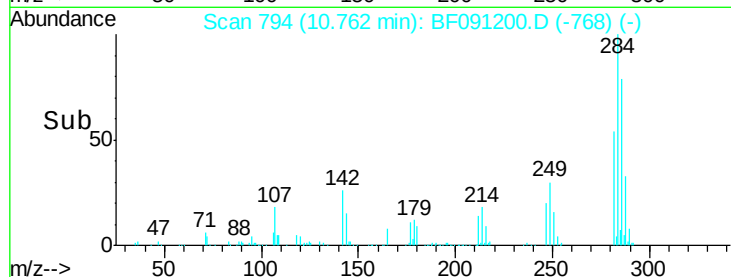
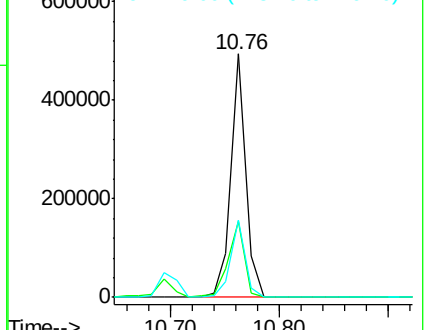
249 31.9 26.6 39.8



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: 53.96 ng

RT: 10.88 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

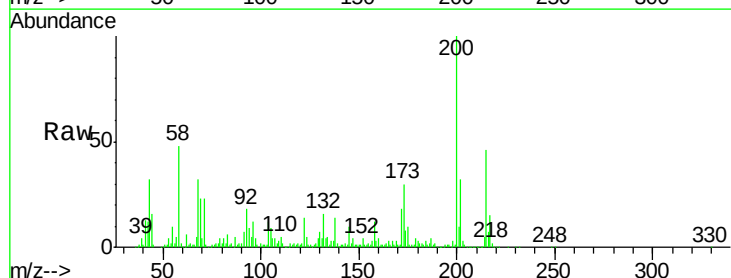
Tgt Ion:200 Resp: 340836

Ion Ratio Lower Upper

200 100

173 30.0 8.1 48.1

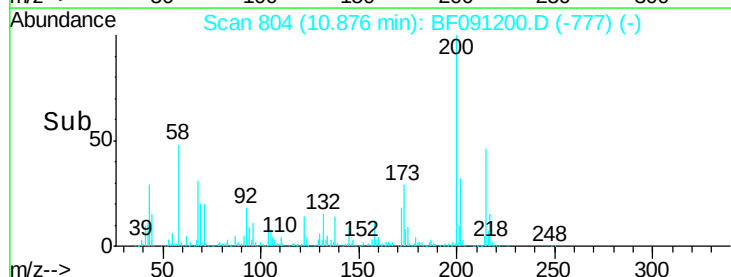
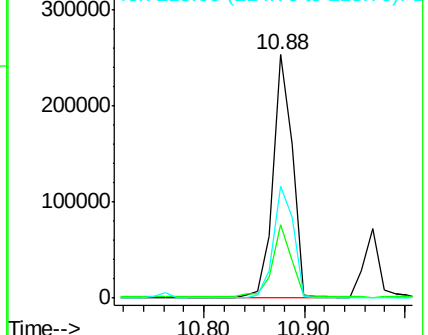
215 46.2 27.3 67.3

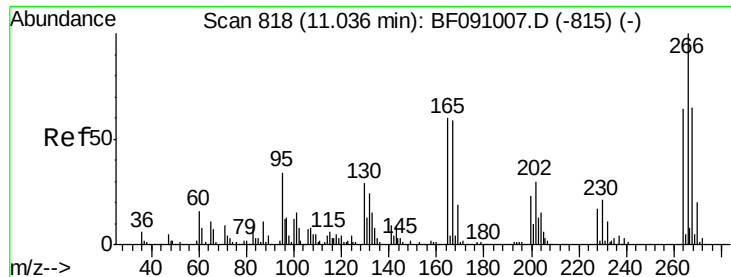


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

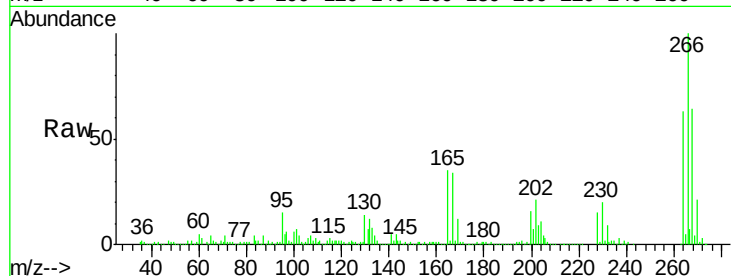




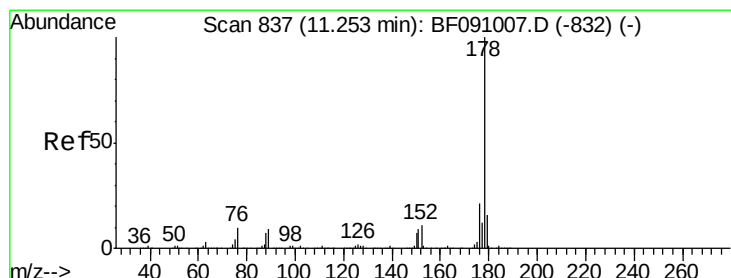
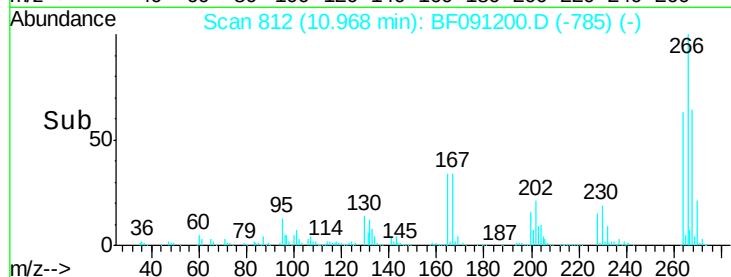
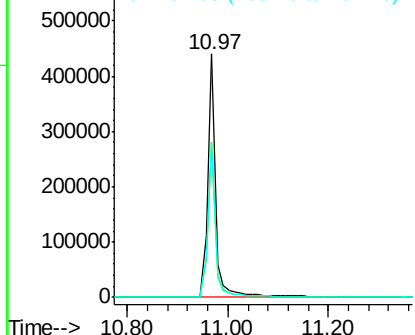
#69
 Pentachlorophenol
 Concen: 138.98 ng
 RT: 10.97 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tgt Ion:266 Resp: 486451
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.1 78.1
 264 63.3 51.1 76.7

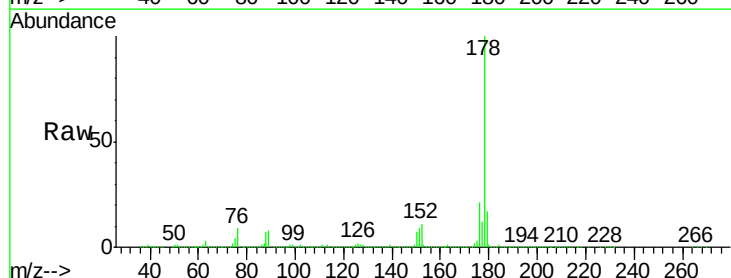


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

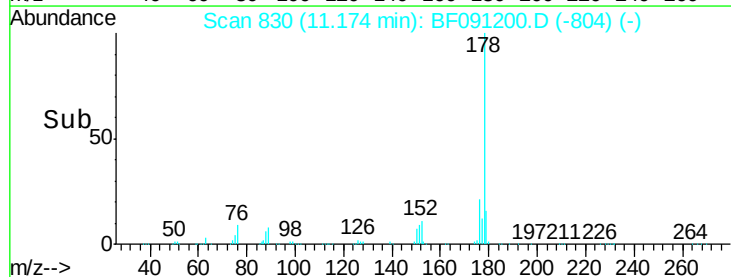
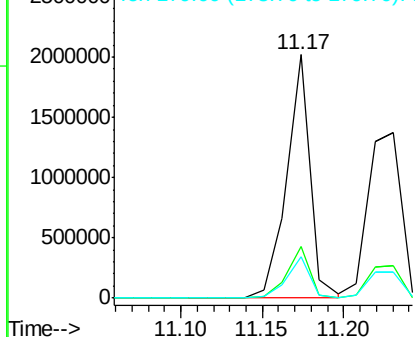


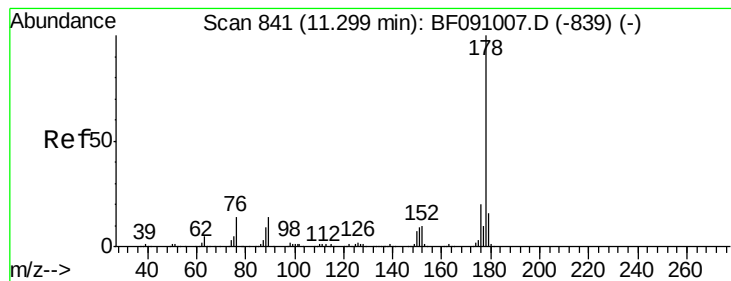
#70
 Phenanthrene
 Concen: 54.92 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion:178 Resp: 2011320
 Ion Ratio Lower Upper
 178 100
 176 21.4 16.6 25.0
 179 16.8 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: 51.38 ng

RT: 11.23 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

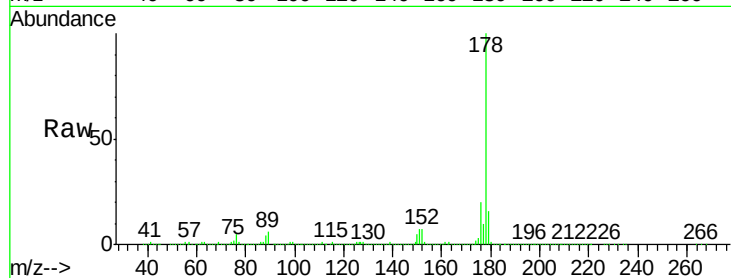
Tgt Ion:178 Resp: 2000296

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

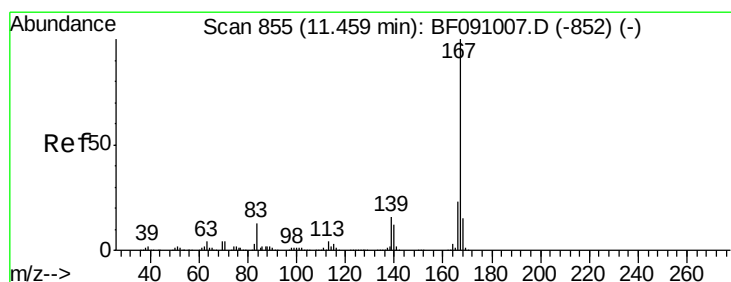
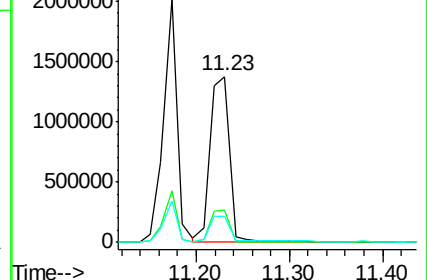
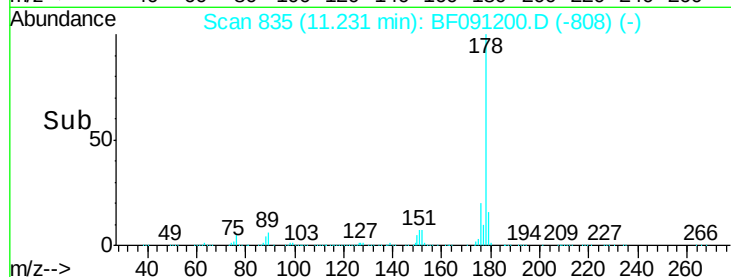
179 15.8 13.0 19.6



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: 53.20 ng

RT: 11.39 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

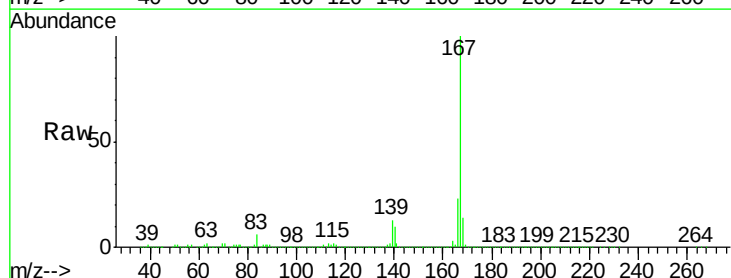
Tgt Ion:167 Resp: 1866455

Ion Ratio Lower Upper

167 100

166 22.7 18.0 27.0

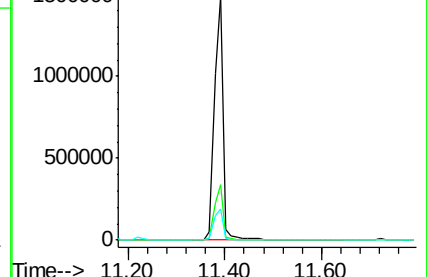
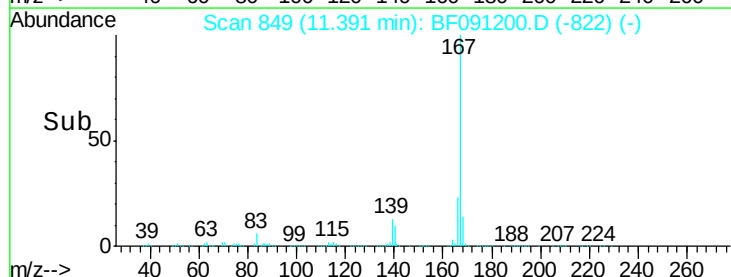
139 12.9 12.6 18.8

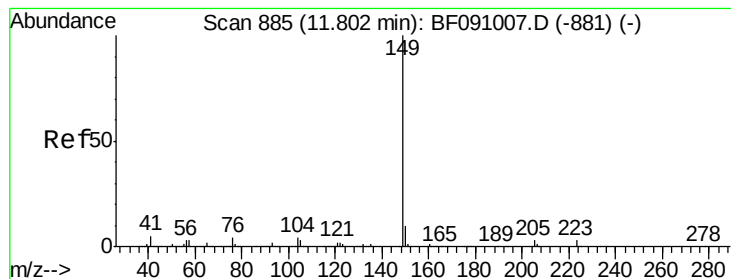


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.11 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

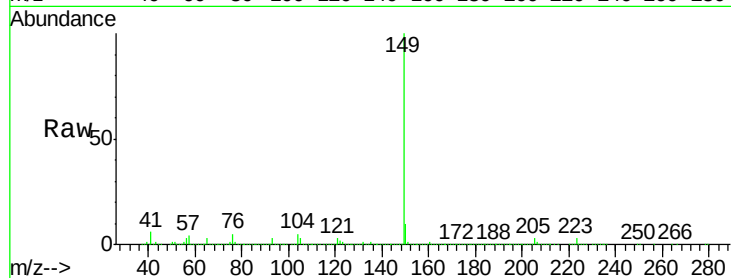
Tgt Ion:149 Resp: 1990608

Ion Ratio Lower Upper

149 100

150 10.3 7.7 11.5

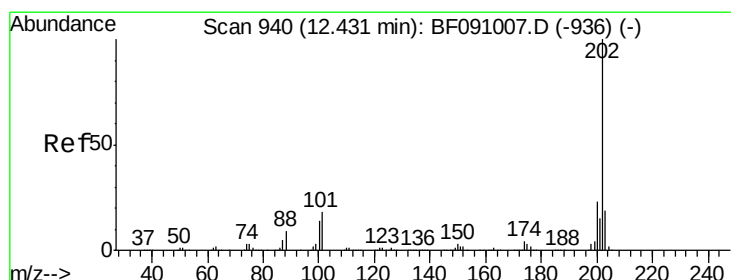
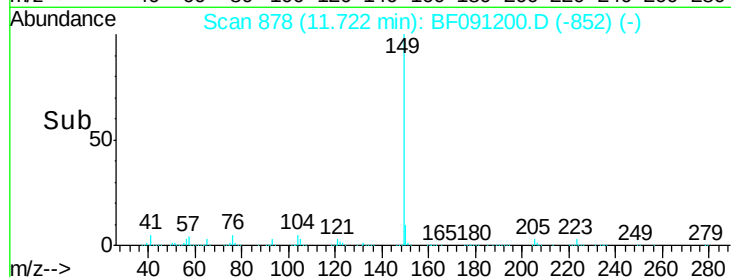
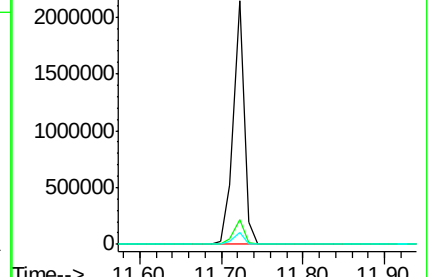
104 5.0 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 53.68 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

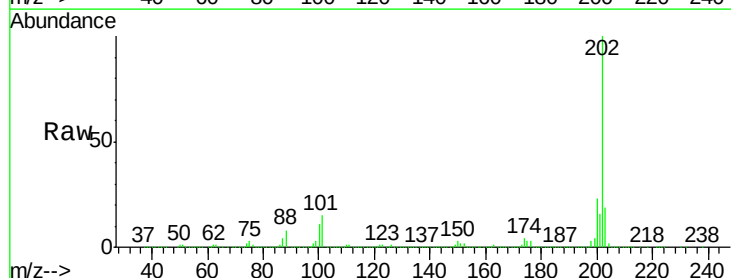
Tgt Ion:202 Resp: 2038658

Ion Ratio Lower Upper

202 100

101 15.4 0.0 37.6

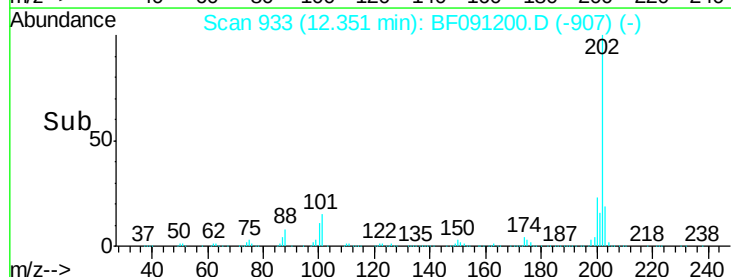
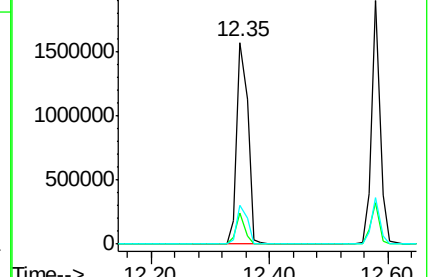
203 19.0 0.0 38.6

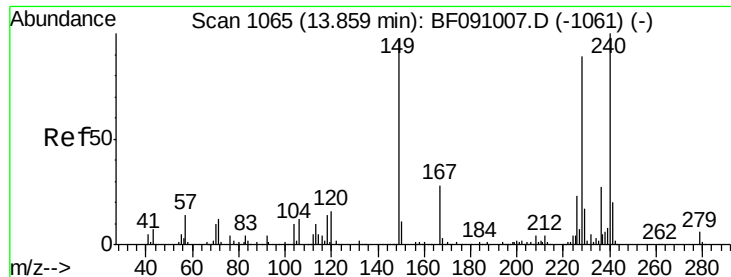


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

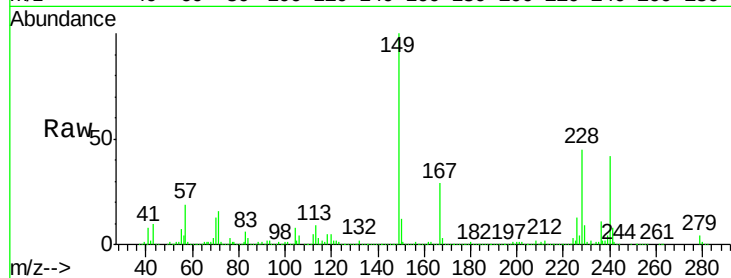
Tgt Ion:240 Resp: 504250

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

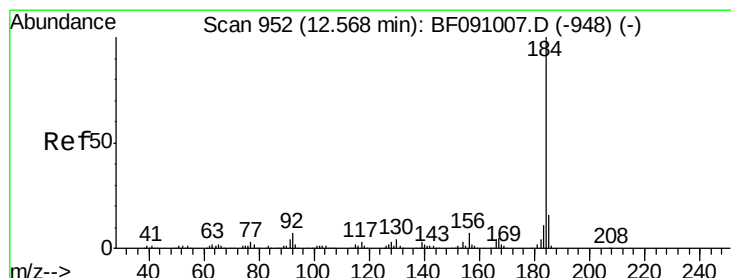
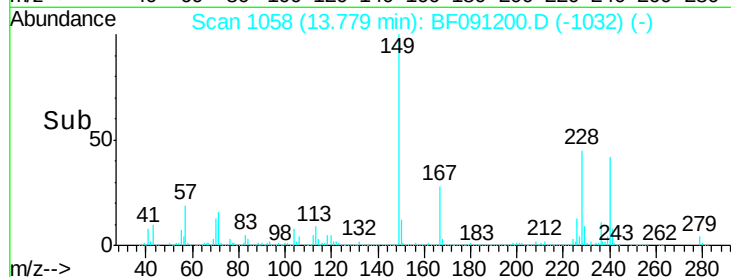
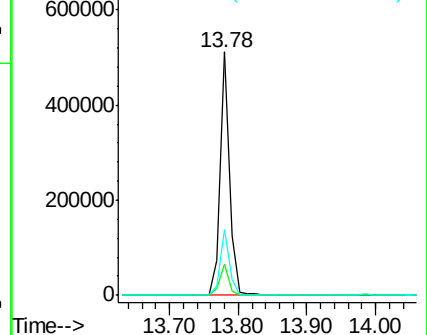
236 27.0 21.9 32.9



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: 23.27 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

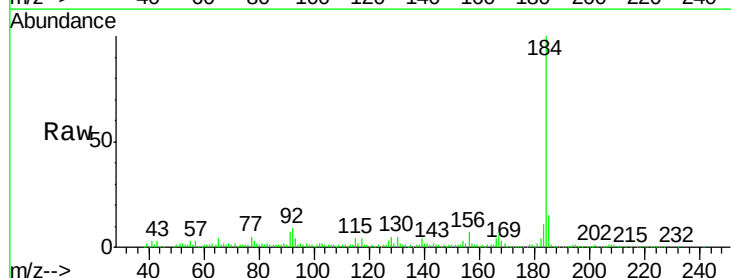
Tgt Ion:184 Resp: 262117

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.4

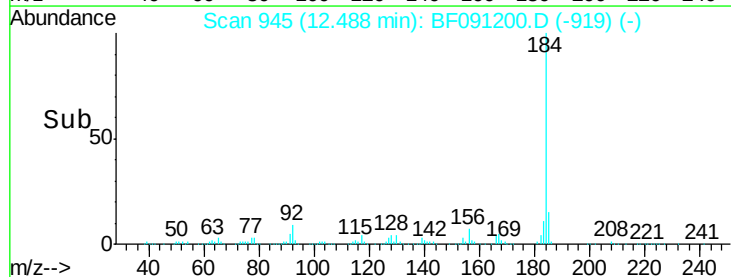
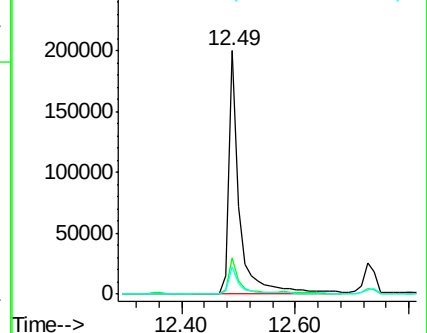
183 11.3 8.7 13.1

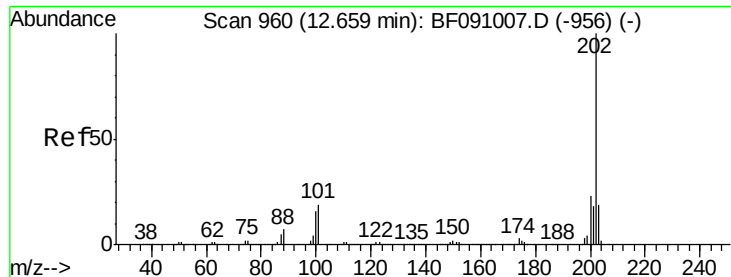


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 56.72 ng

RT: 12.58 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

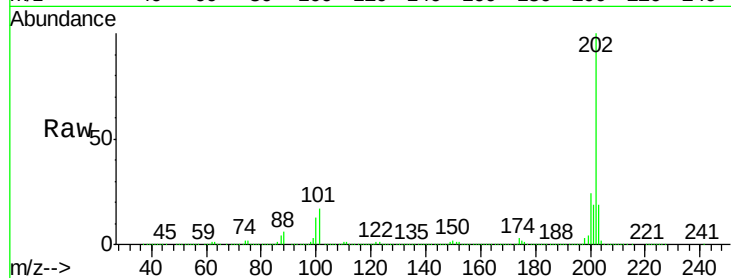
Tgt Ion:202 Resp: 1872994

Ion Ratio Lower Upper

202 100

200 23.9 18.4 27.6

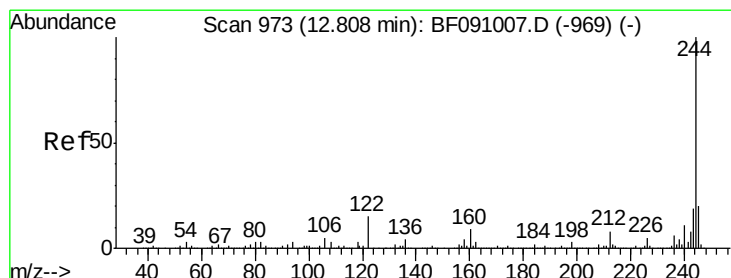
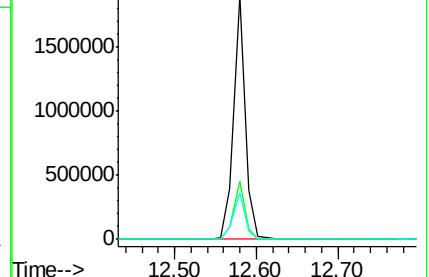
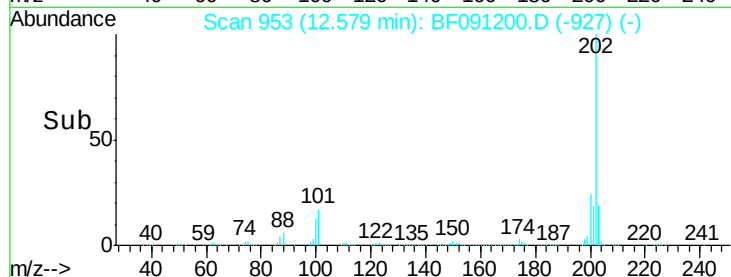
203 19.2 15.0 22.6



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: 118.98 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

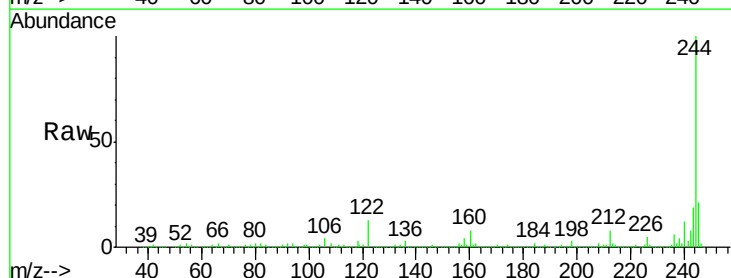
Tgt Ion:244 Resp: 2404295

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

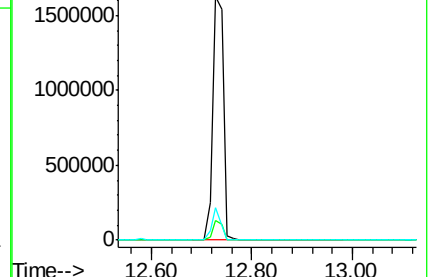
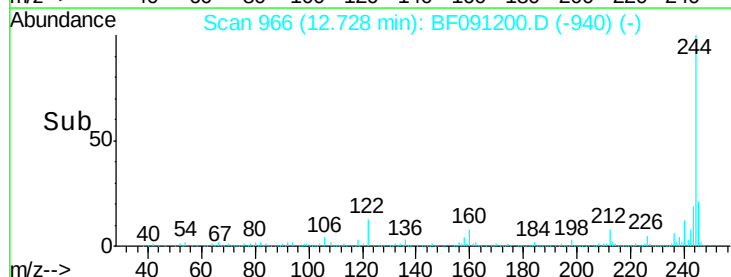
122 13.4 12.3 18.5

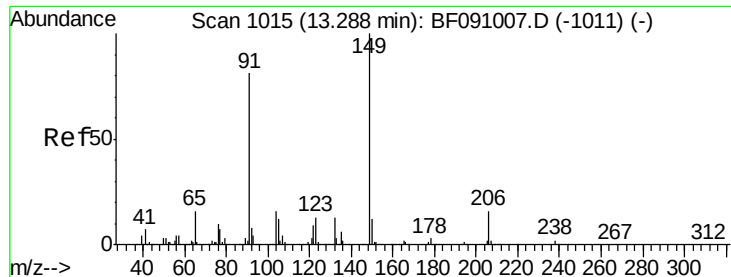


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

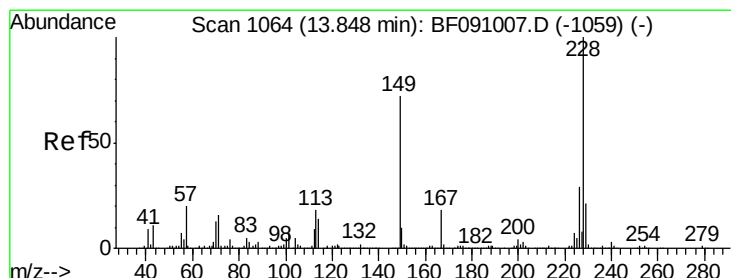
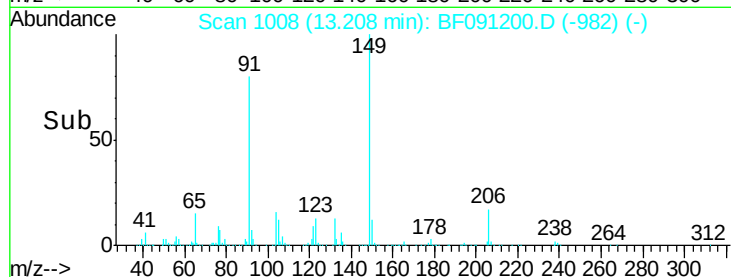
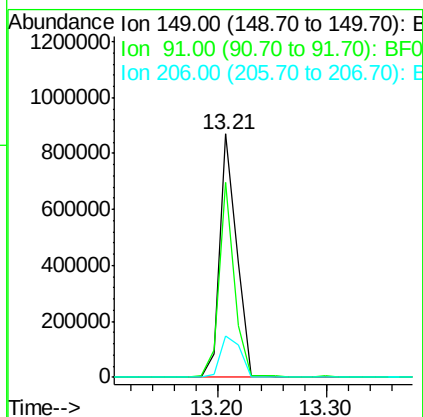
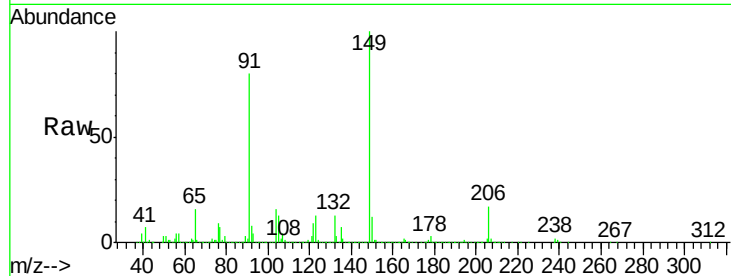




#79
Butylbenzylphthalate
Concen: 59.85 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

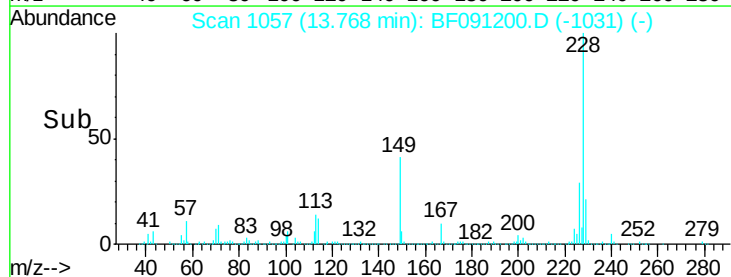
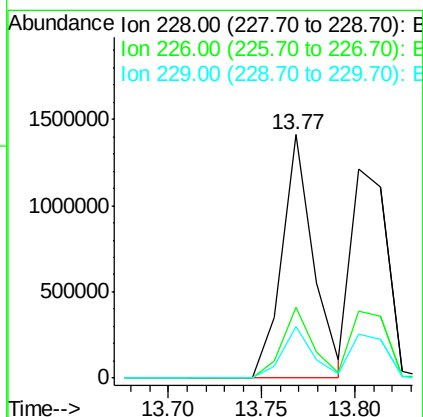
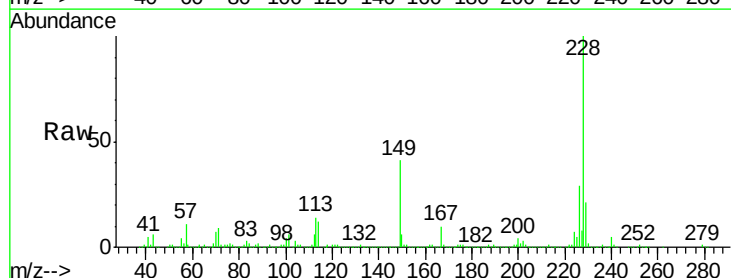
Instrument :
BNA_F
ClientSampleId :
C19023041MS

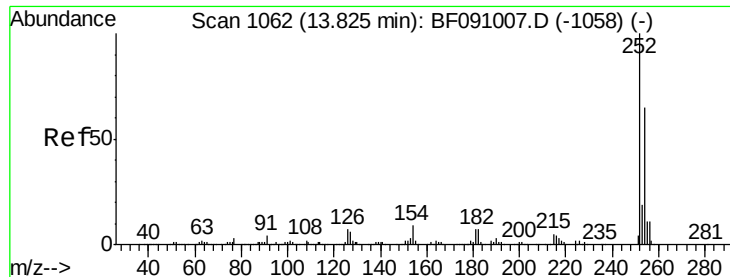
Tgt Ion:149 Resp: 945369
Ion Ratio Lower Upper
149 100
91 80.2 65.0 97.4
206 17.1 12.5 18.7



#80
Benzo(a)anthracene
Concen: 57.95 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Tgt Ion:228 Resp: 1658969
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.6
229 21.2 16.6 24.8

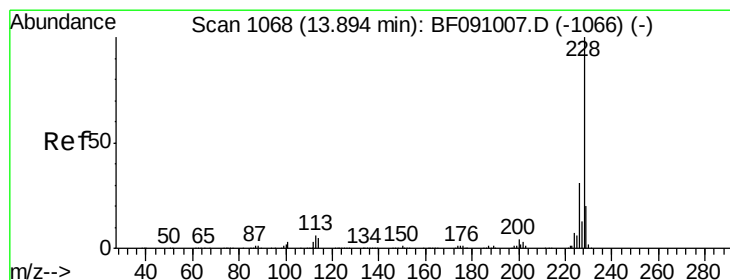
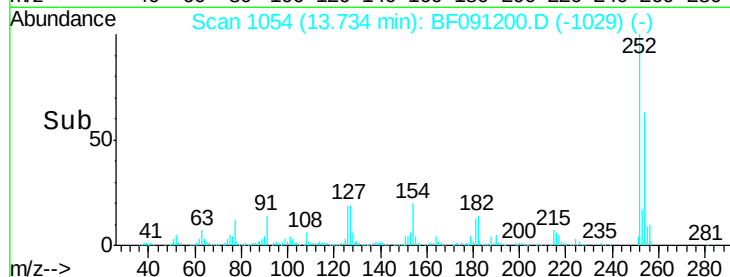
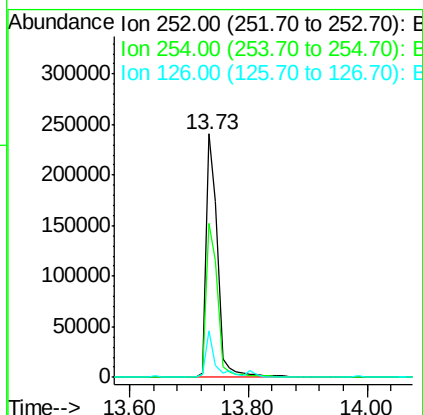
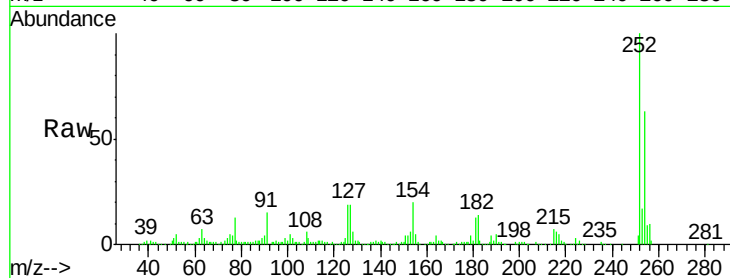




#81
 3,3'-Dichlorobenzidine
 Concen: 32.21 ng
 RT: 13.73 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

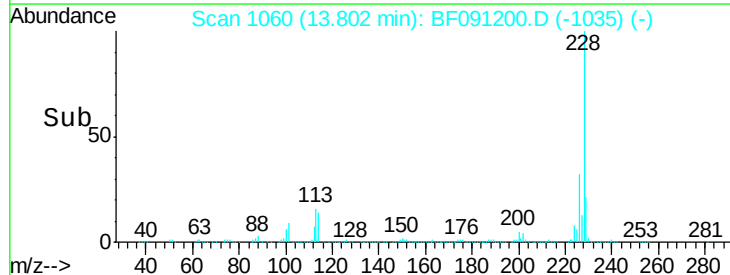
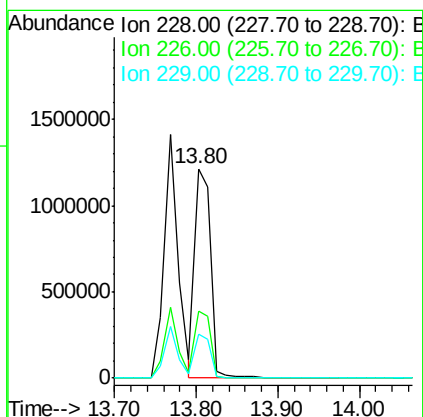
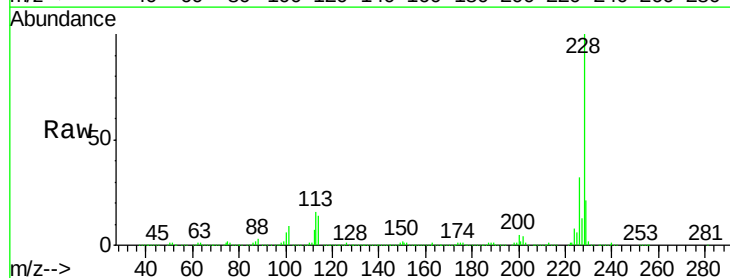
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

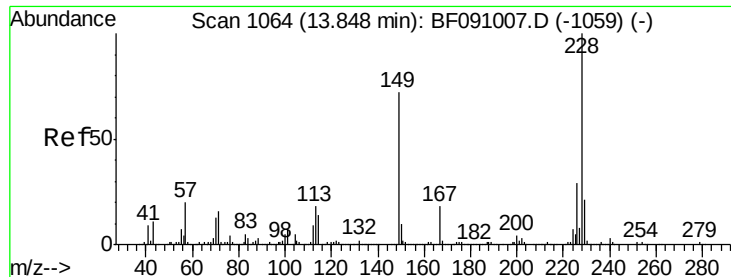
Tgt Ion:252 Resp: 323996
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.0 78.0
 126 18.9 5.4 8.2#



#82
 Chrysene
 Concen: 58.48 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion:228 Resp: 1650994
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 20.7 15.9 23.9

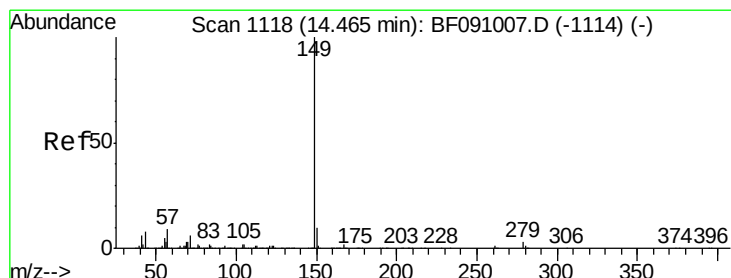
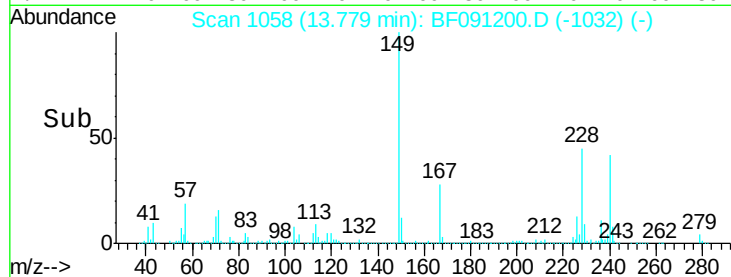
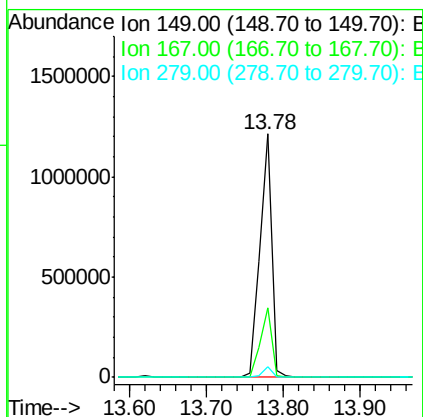
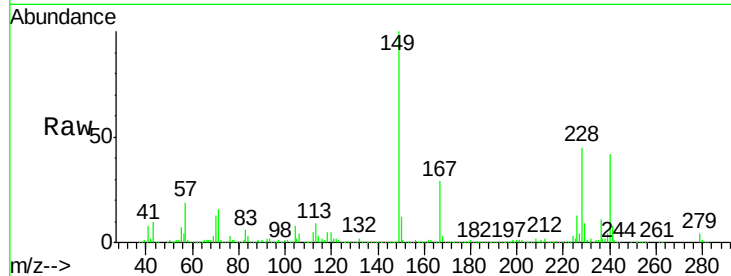




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.85 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

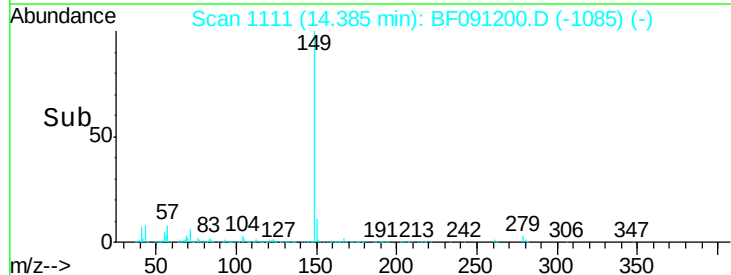
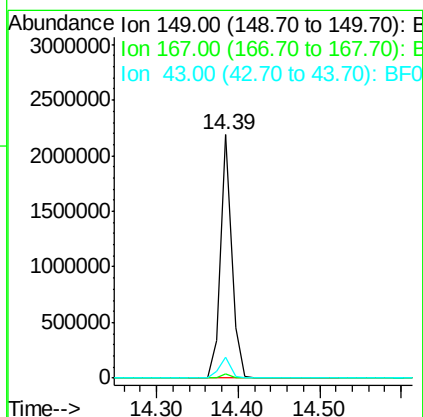
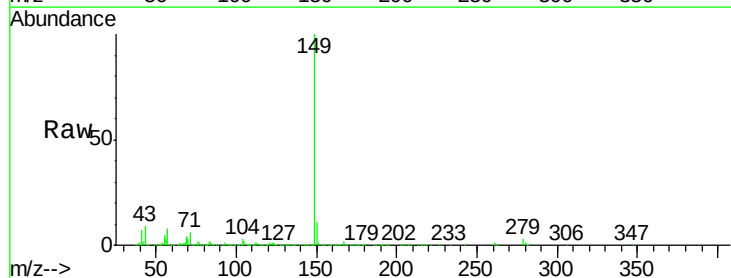
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

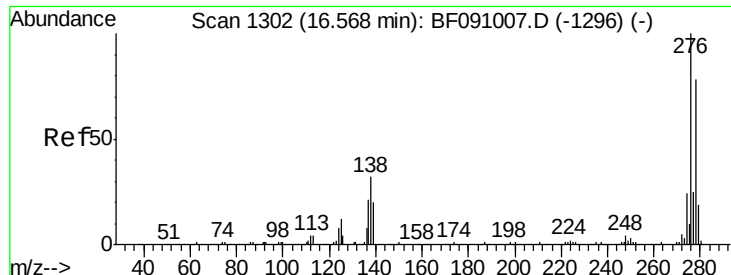
Tgt Ion:149 Resp: 1279432
 Ion Ratio Lower Upper
 149 100
 167 28.5 20.4 30.6
 279 4.4 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 59.00 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion:149 Resp: 2073543
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.8 8.2 12.4

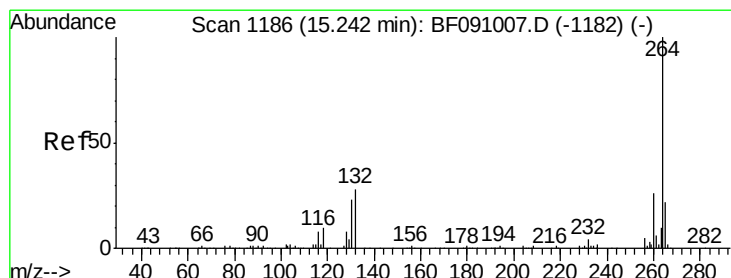
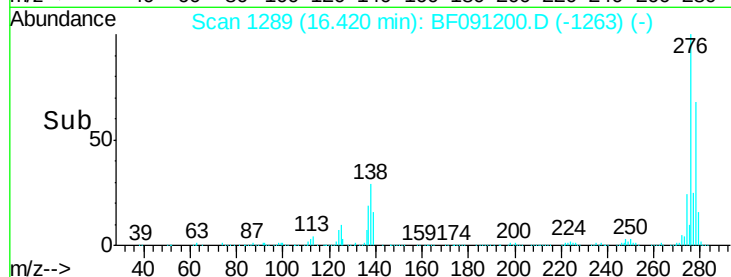
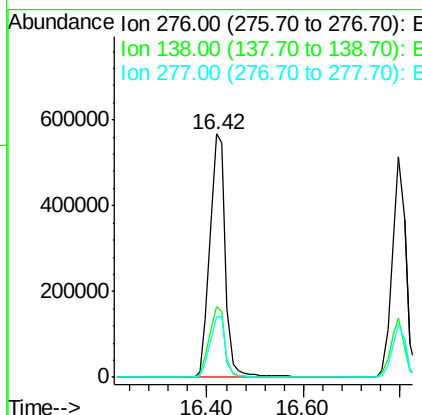
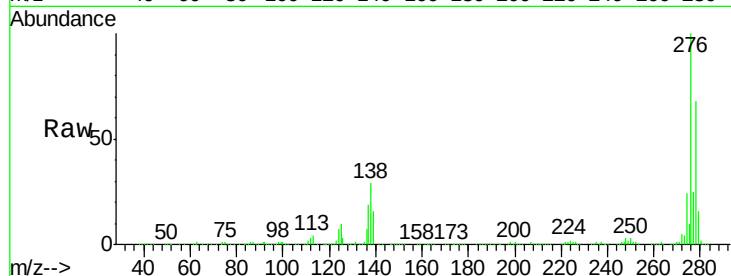




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.78 ng
 RT: 16.42 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

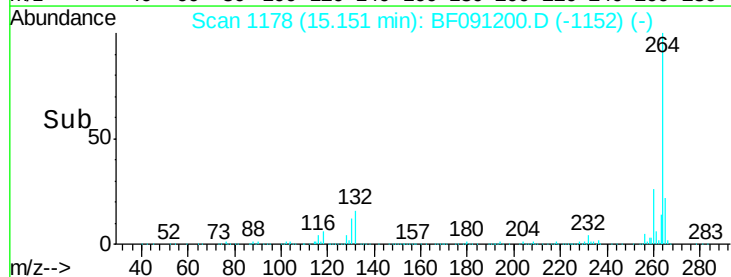
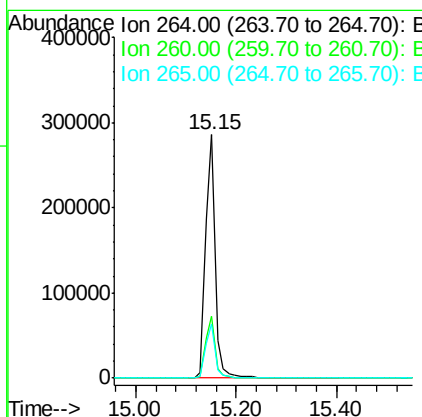
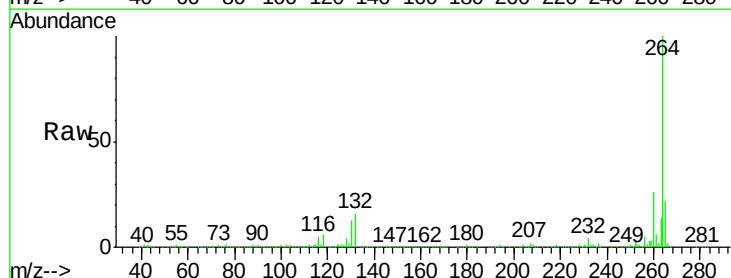
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

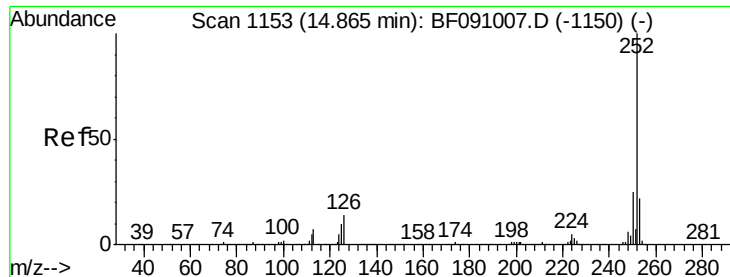
Tgt Ion: 276 Resp: 1306519
 Ion Ratio Lower Upper
 276 100
 138 29.3 26.0 39.0
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion: 264 Resp: 383862
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 30.8
 265 22.1 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 54.26 ng m

RT: 14.77 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

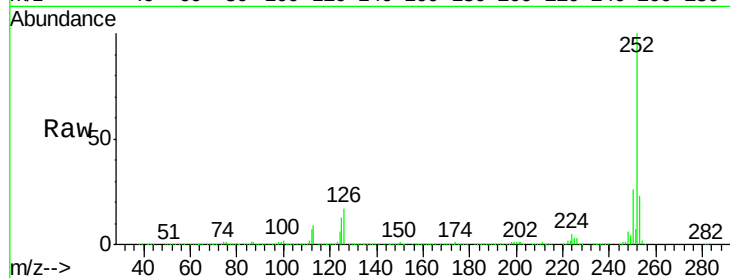
Tgt Ion:252 Resp: 1412562

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

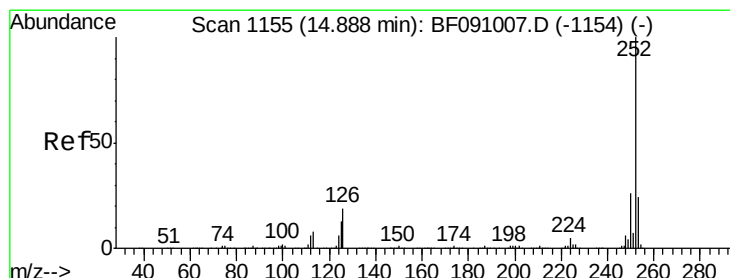
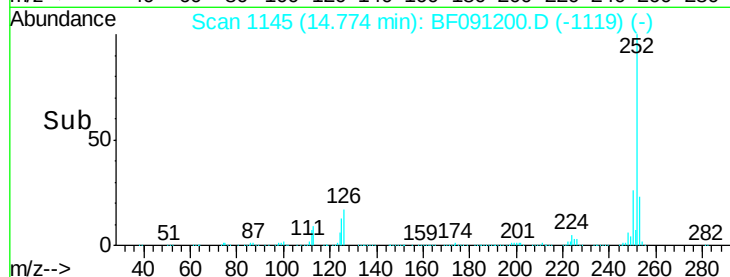
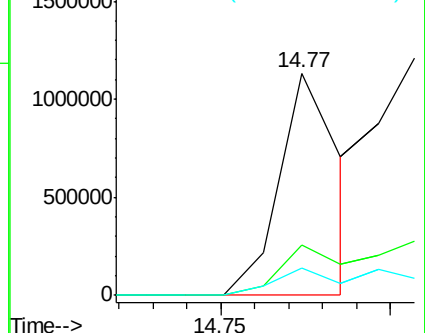
125 12.5 8.3 12.5#



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: 67.10 ng m

RT: 14.81 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

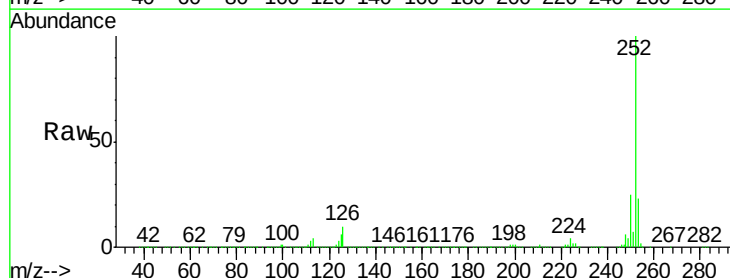
Tgt Ion:252 Resp: 1532401

Ion Ratio Lower Upper

252 100

253 22.6 18.6 28.0

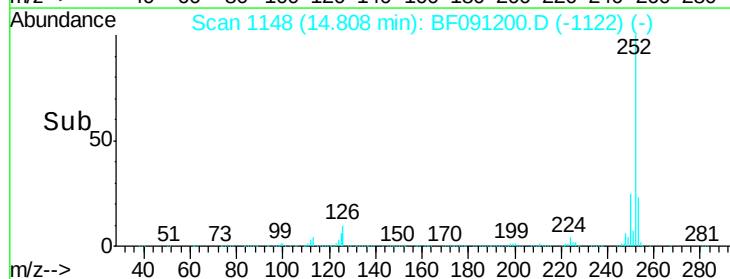
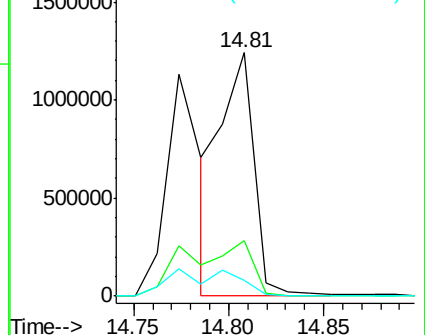
125 6.5 11.2 16.8#

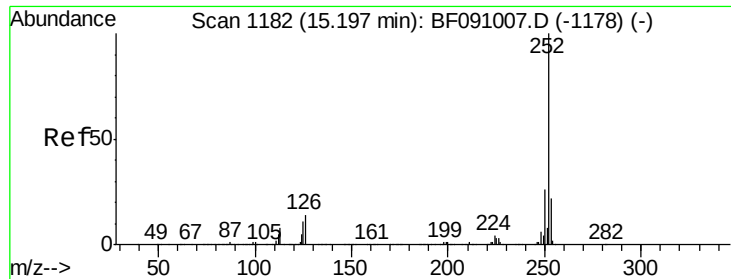


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 55.12 ng

RT: 15.09 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

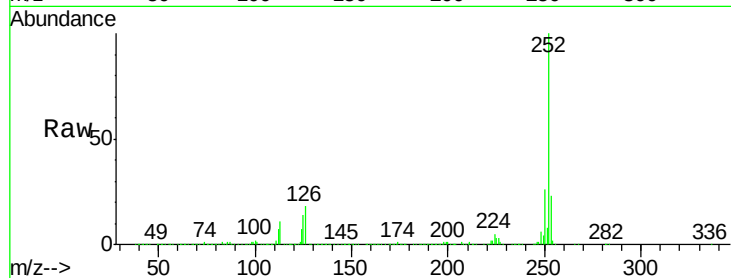
Tgt Ion:252 Resp: 1249242

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

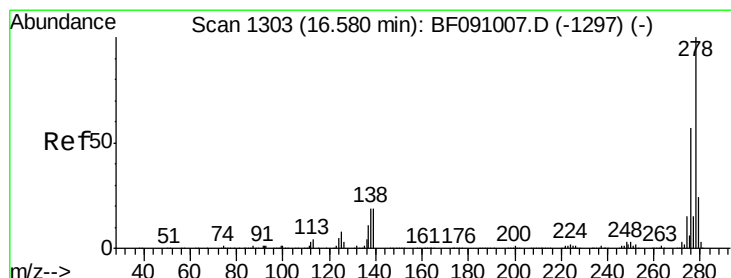
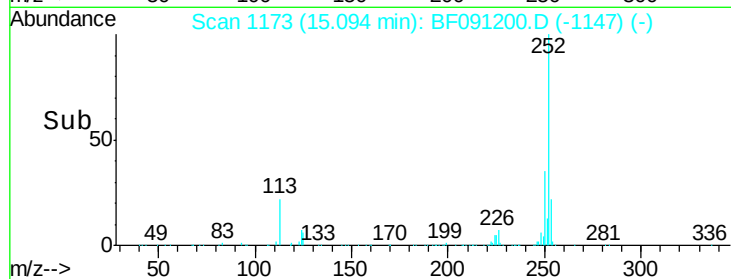
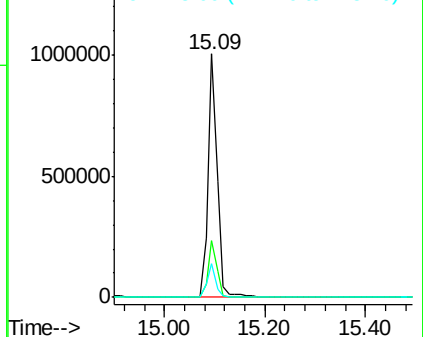
125 14.1 8.6 13.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 56.33 ng

RT: 16.43 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

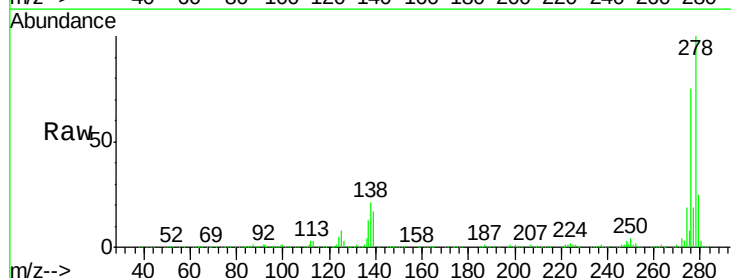
Tgt Ion:278 Resp: 1103684

Ion Ratio Lower Upper

278 100

139 17.3 15.3 22.9

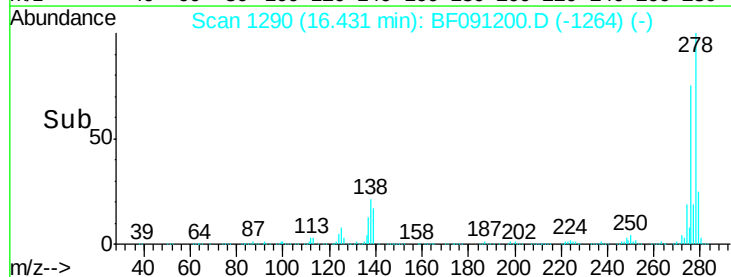
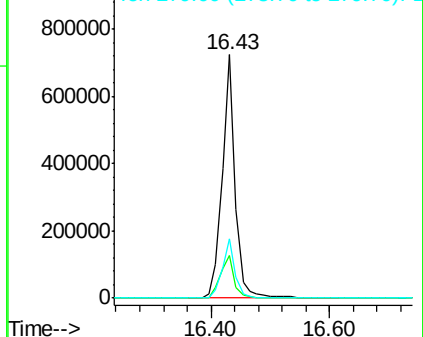
279 24.5 19.3 28.9

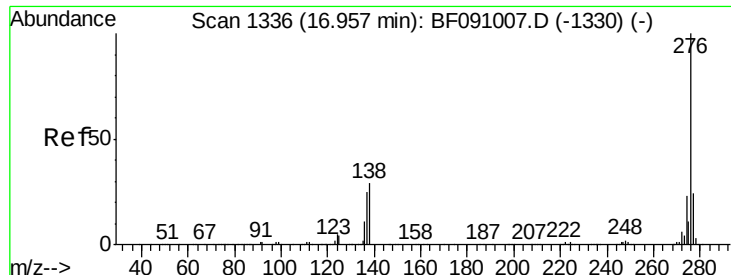


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 57.05 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF091200.D

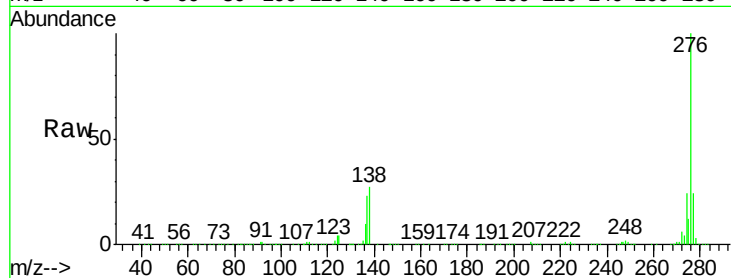
Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS



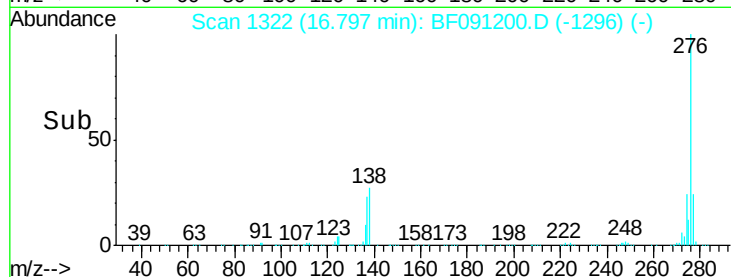
Tgt Ion: 276 Resp: 1010808

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 27.0 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

