

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 16 23:54:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	198133	20.00	ng	-0.03
21) Naphthalene-d8	7.92	136	871979	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	424495	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	688881	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	504250	20.00	ng	-0.03
86) Perylene-d12	15.15	264	383862	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	793748	66.16	ng	-0.03
7) Phenol-d6	6.28	99	654255	40.18	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1524893	95.40	ng	-0.05
41) 2,4,6-Tribromophenol	10.46	330	641634	167.19	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	2581904	104.71	ng	-0.03
78) Terphenyl-d14	12.73	244	2404295	118.98	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.12	88	107206	15.62	ng	96
3) Pyridine	2.77	79	227101	14.15	ng	99
4) n-Nitrosodimethylamine	2.72	42	106612	16.79	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	6.80	146	669553	46.26	ng	98
13) 1,4-Dichlorobenzene	6.64	146	747307	48.12	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
36) 4-Chloro-3-methylphenol	8.49	107	576910	44.19	ng	90
37) 2-Methylnaphthalene	8.62	142	1539496	57.43	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
42) 2,4,6-Trichlorophenol	8.92	196	419532	60.05	ng	97

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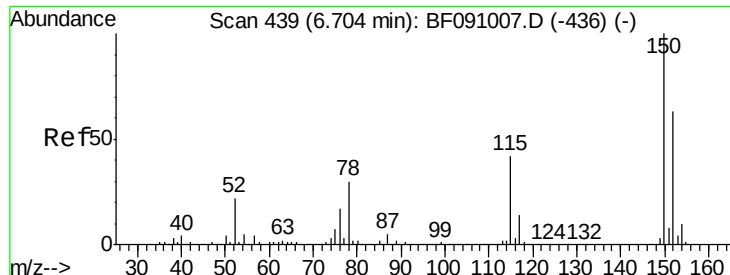
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Quant Time: Nov 16 23:54:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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	9.87	139	782826	159.99	ng	# 5
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	1256987	57.41	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	1307694	55.83	ng	97
87) Benzo(b)fluoranthene	14.81	252	2979320	114.43	ng	# 96
88) Benzo(k)fluoranthene	14.81	252	2982468	130.59	ng	# 92
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	1011299	57.07	ng	98

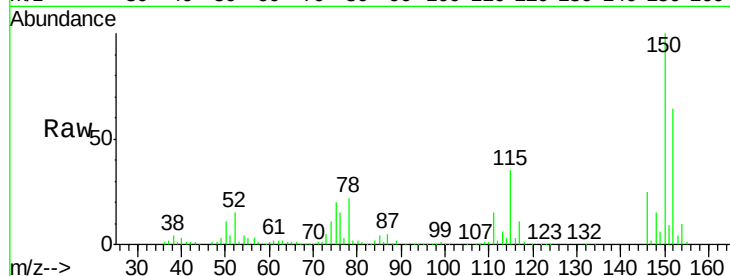
(#) = qualifier out of range (m) = manual integration (+) = signals summed



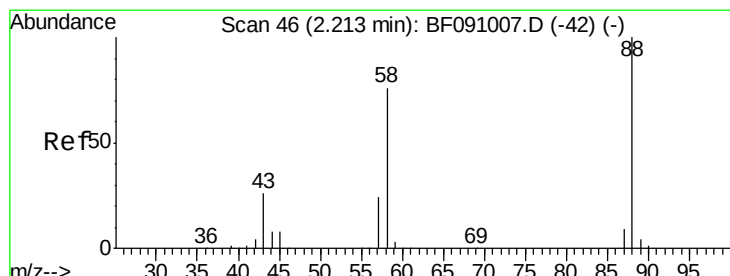
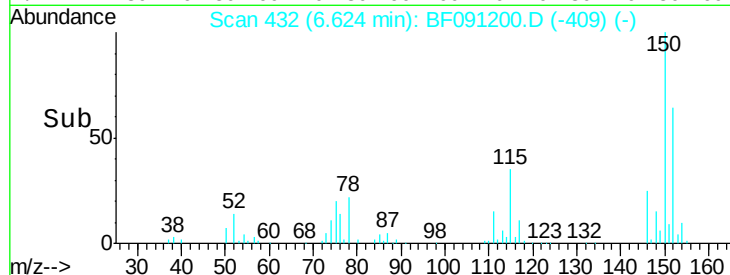
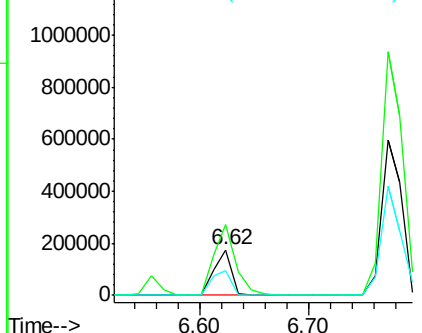
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 432
 Delta R.T. -0.03 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

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

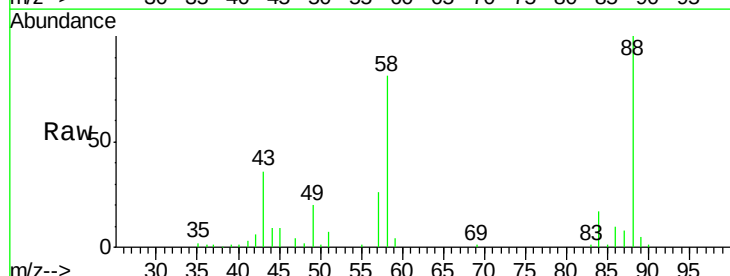


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

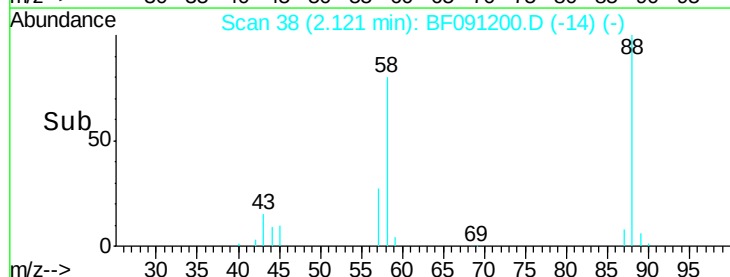
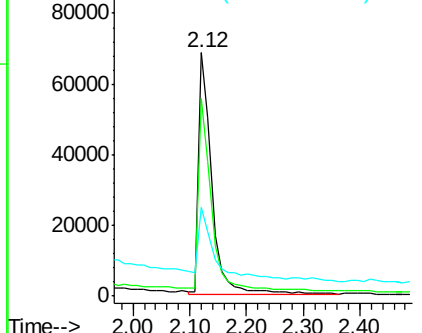


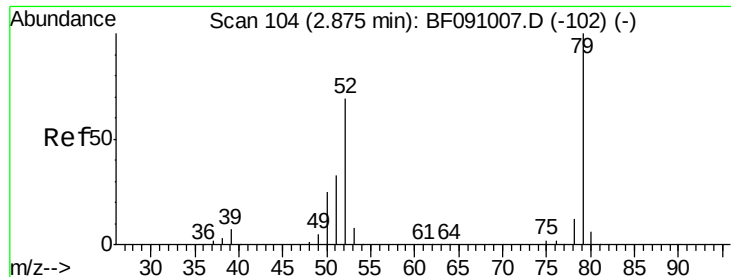
#2
 1,4-Dioxane
 Concen: 15.62 ng
 RT: 2.12 min Scan# 38
 Delta R.T. -0.02 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

Tgt Ion: 88 Resp: 107206
 Ion Ratio Lower Upper
 88 100
 58 77.9 63.8 95.6
 43 33.7 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. -0.01 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

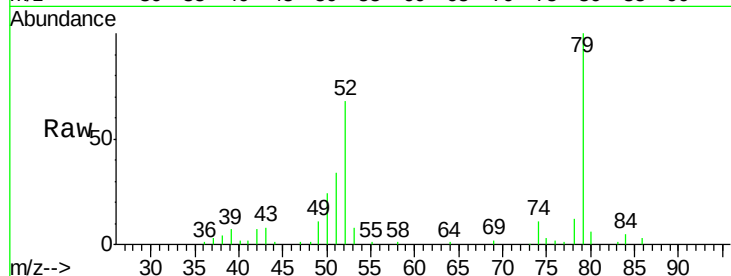
Tgt Ion: 79 Resp: 227101

Ion Ratio Lower Upper

79 100

52 68.5 55.4 83.0

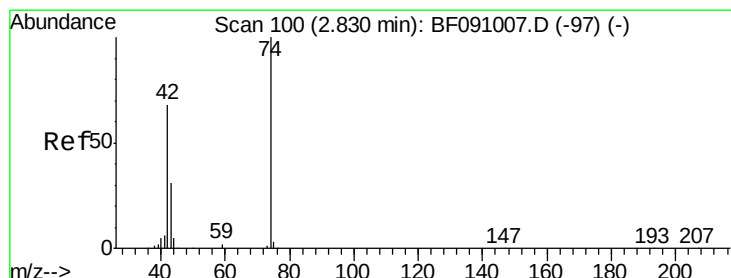
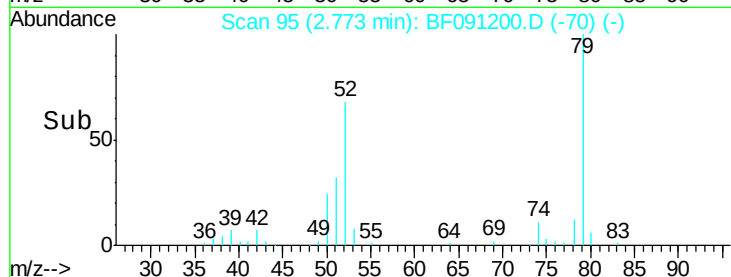
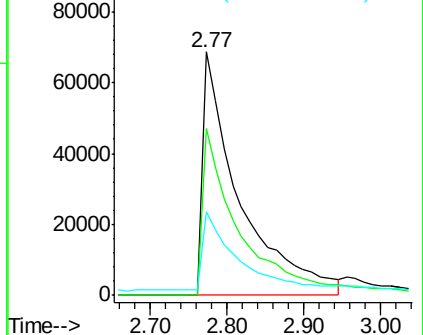
51 34.4 27.4 41.0



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: 16.79 ng

RT: 2.72 min Scan# 90

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

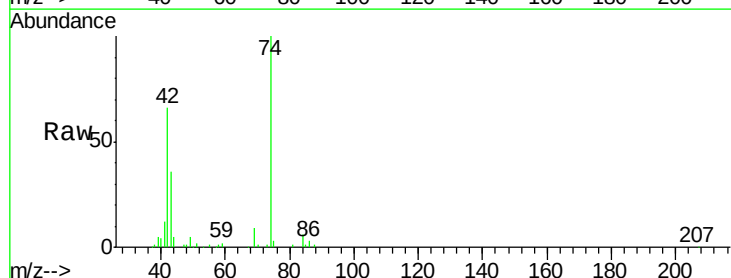
Tgt Ion: 42 Resp: 106612

Ion Ratio Lower Upper

42 100

74 151.4 117.3 175.9

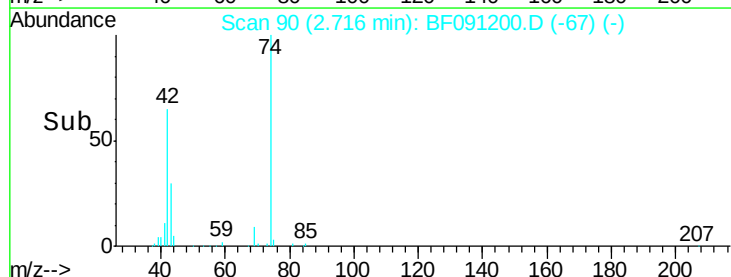
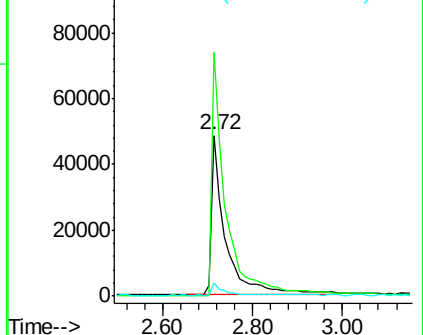
44 8.0 5.8 8.8

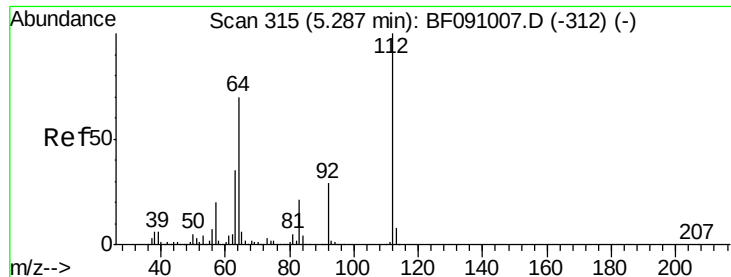


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 66.16 ng

RT: 5.21 min Scan# 308

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

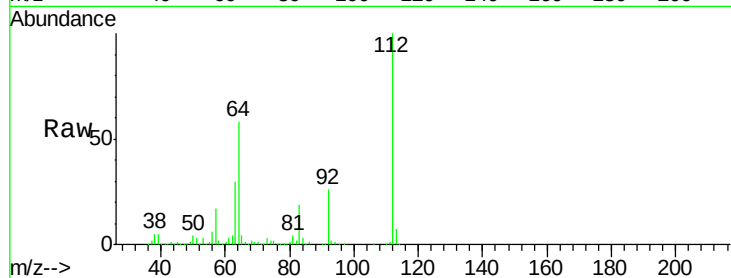
Tgt Ion: 112 Resp: 793748

Ion Ratio Lower Upper

112 100

64 58.5 55.8 83.6

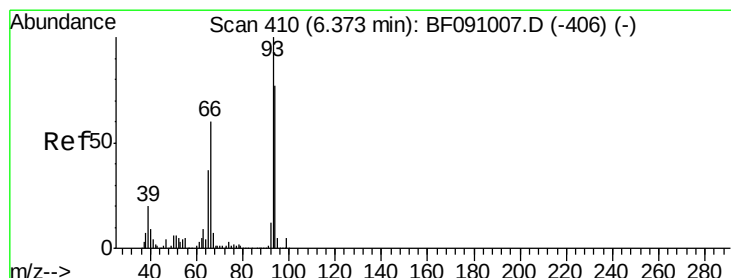
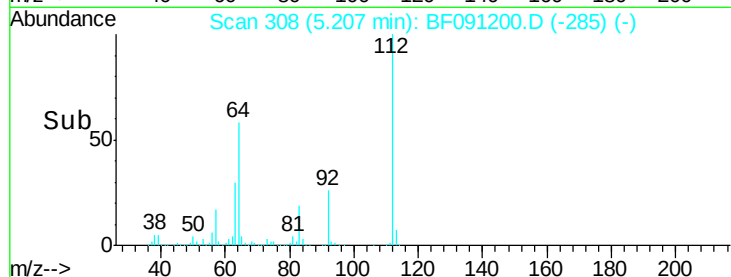
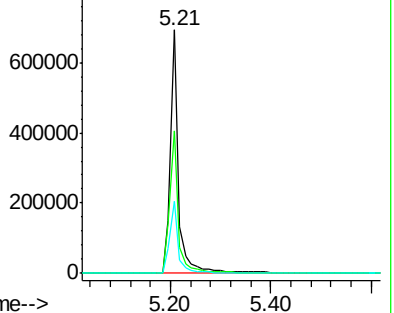
63 29.5 28.0 42.0



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. -0.05 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

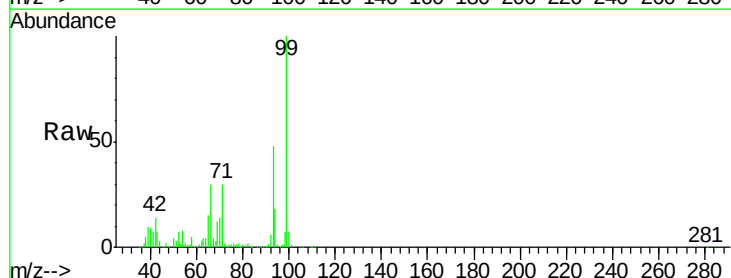
Tgt Ion: 93 Resp: 433145

Ion Ratio Lower Upper

93 100

66 63.0 48.2 72.2

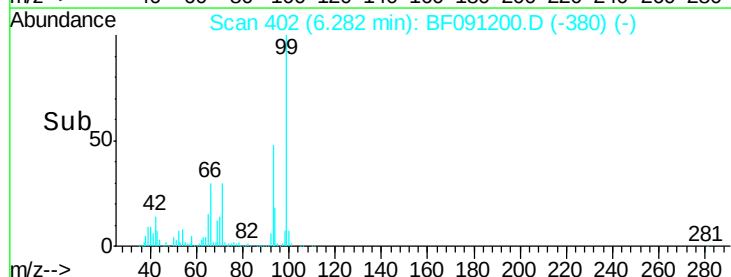
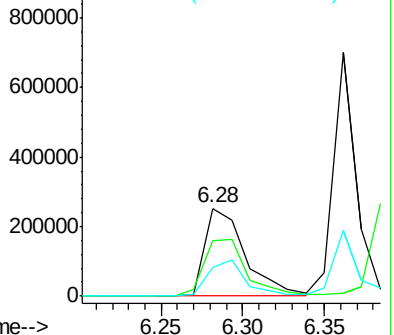
65 32.0 29.4 44.0

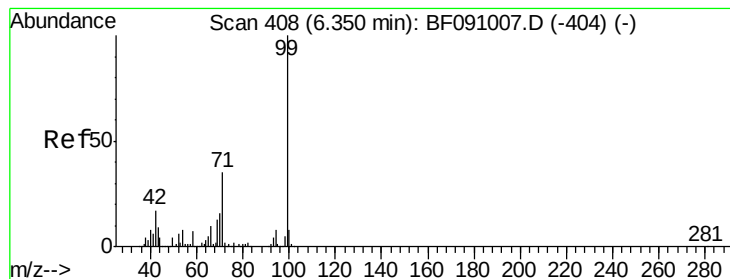


Abundance Ion 93.00 (92.70 to 93.70): BF0

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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

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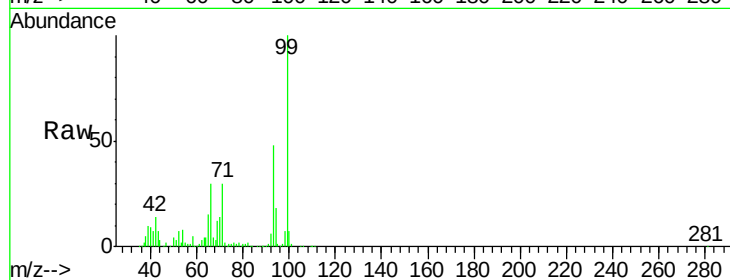
Tgt Ion: 99 Resp: 654255

Ion Ratio Lower Upper

99 100

42 13.9 13.9 20.9#

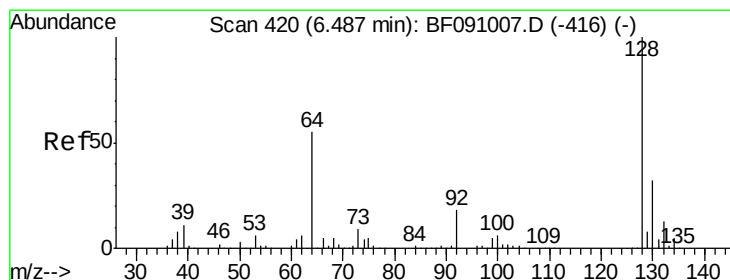
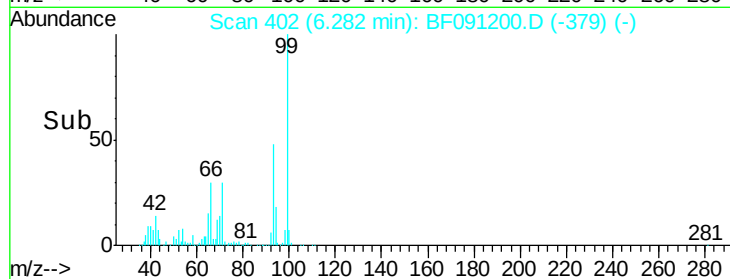
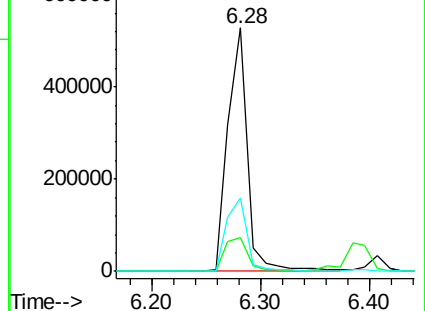
71 30.4 27.8 41.8



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. -0.05 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

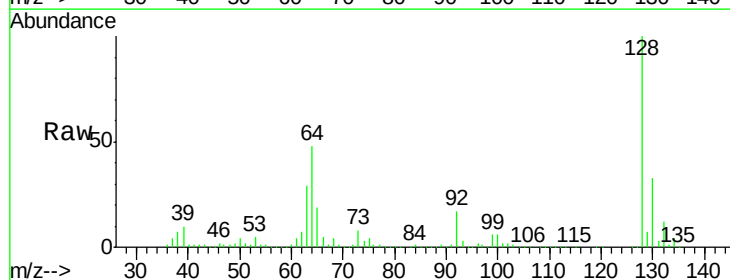
Tgt Ion: 128 Resp: 597790

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

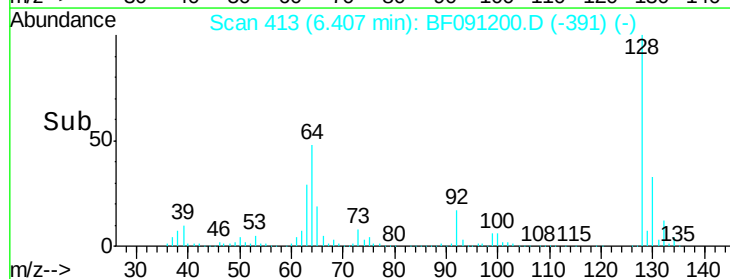
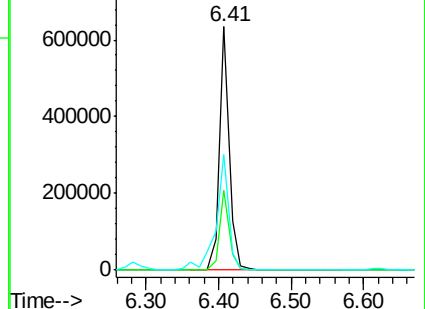
64 47.7 37.2 77.2

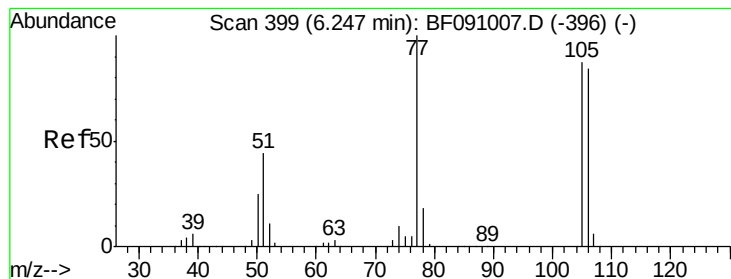


Abundance Ion 128.00 (127.70 to 128.70): E

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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

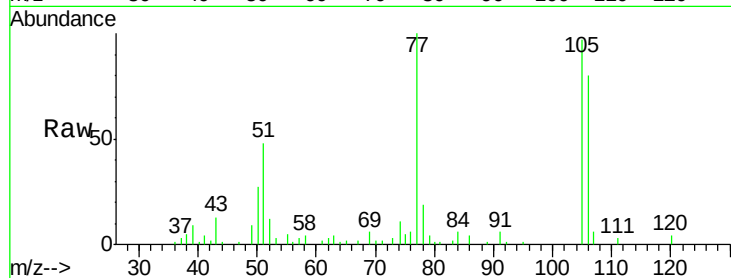
Tgt Ion: 77 Resp: 68035

Ion Ratio Lower Upper

77 100

105 96.9 66.8 106.8

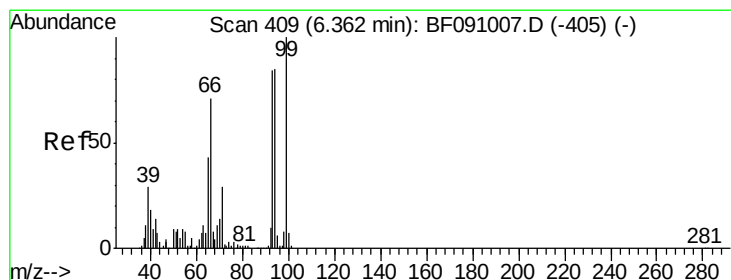
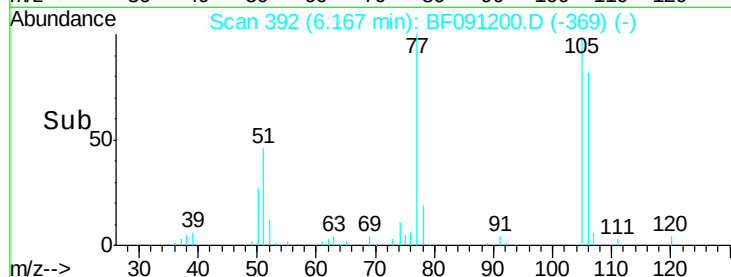
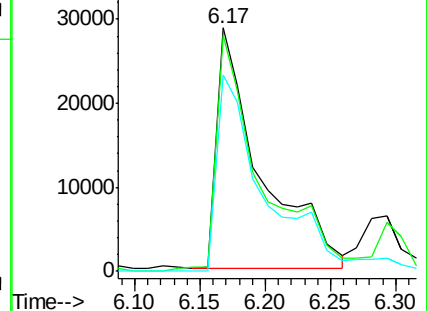
106 80.4 64.0 104.0



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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

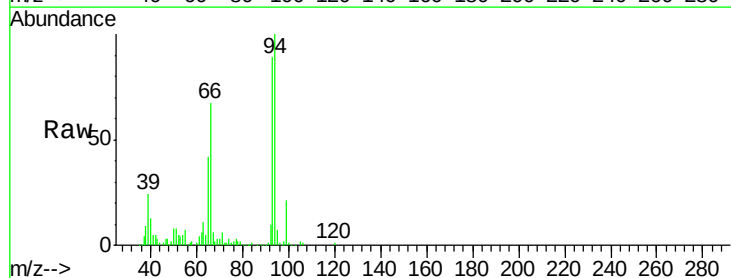
Tgt Ion: 94 Resp: 288111

Ion Ratio Lower Upper

94 100

65 42.2 30.4 70.4

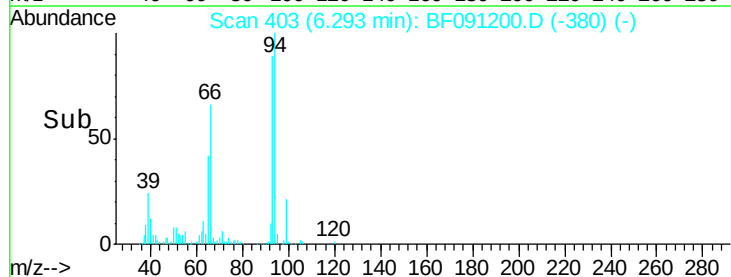
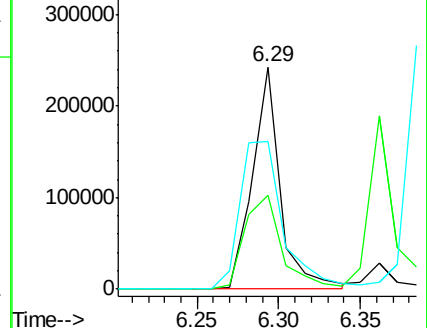
66 66.6 62.9 102.9

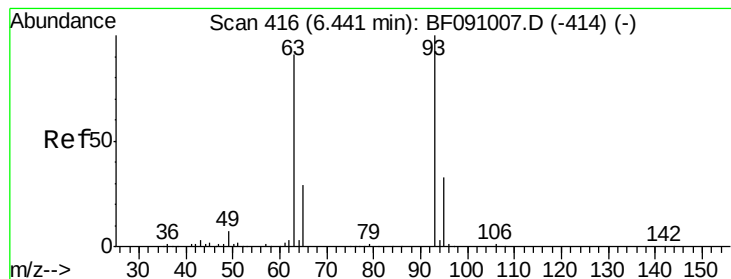


Abundance Ion 94.00 (93.70 to 94.70): BF0

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. -0.05 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

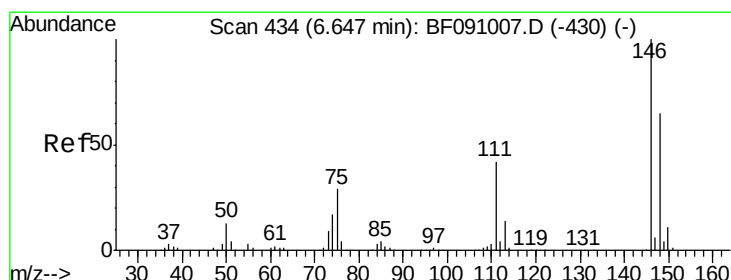
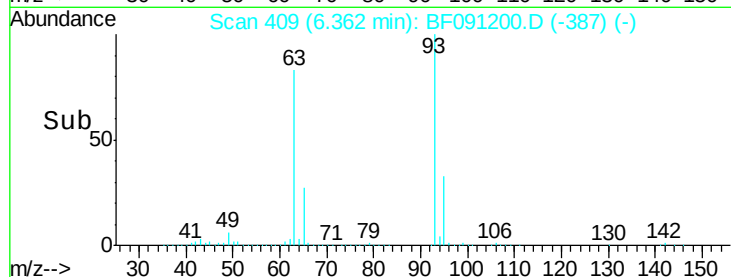
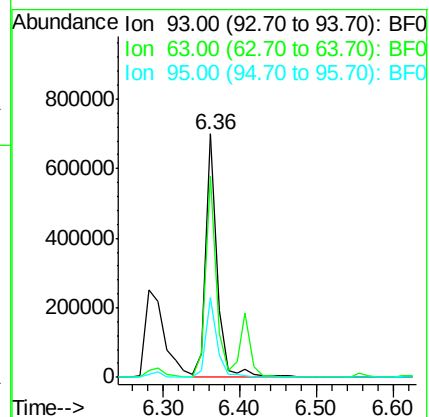
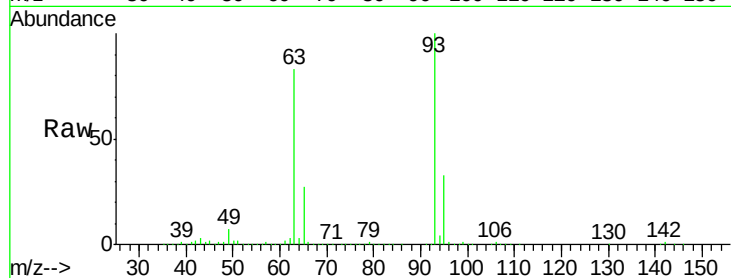
Tgt Ion: 93 Resp: 707064

Ion Ratio Lower Upper

93 100

63 82.9 68.9 108.9

95 32.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 46.26 ng

RT: 6.80 min Scan# 447

Delta R.T. 0.19 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

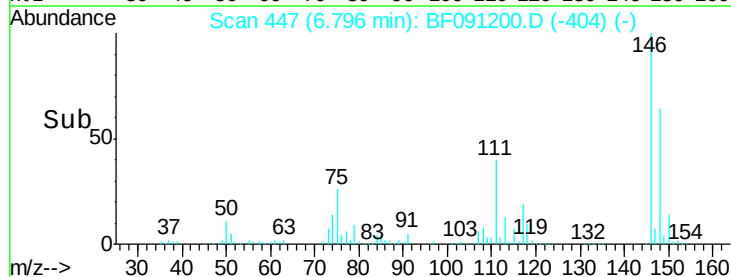
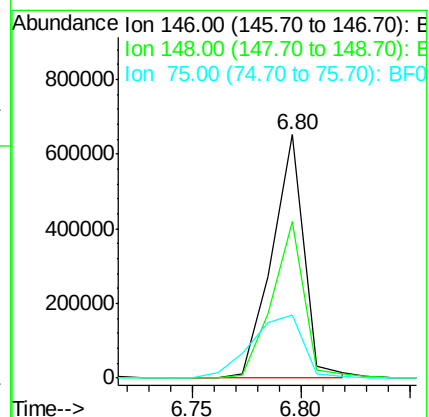
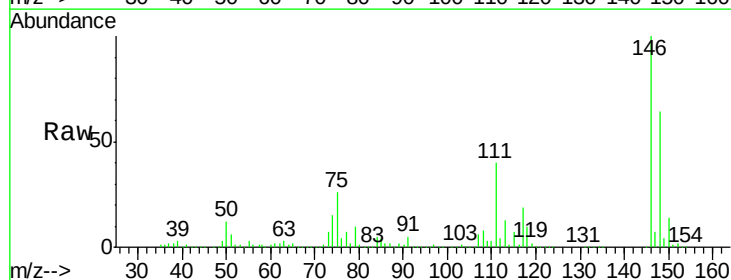
Tgt Ion: 146 Resp: 669553

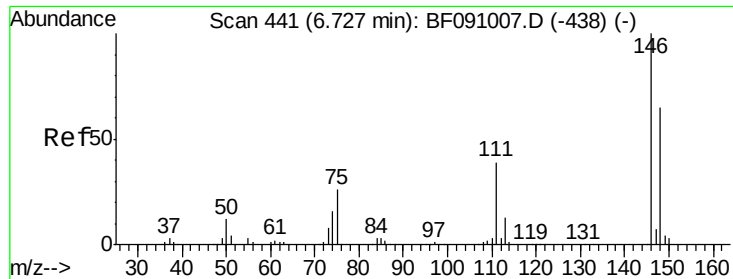
Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

75 26.0 23.0 34.6

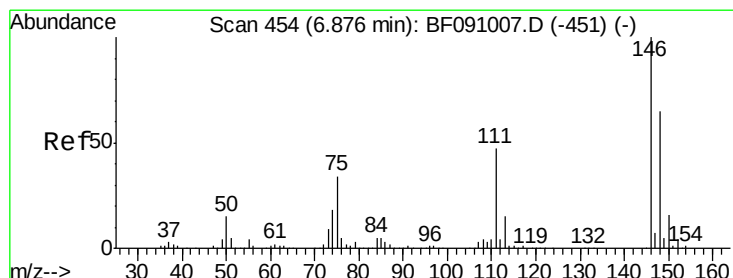
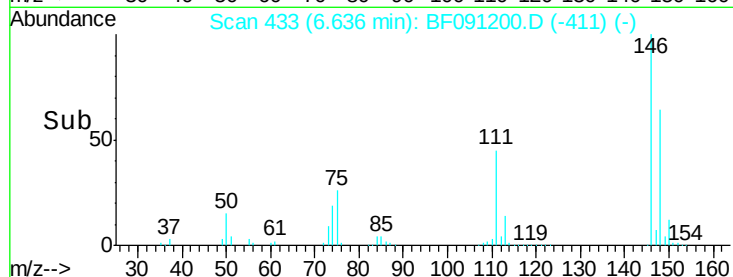
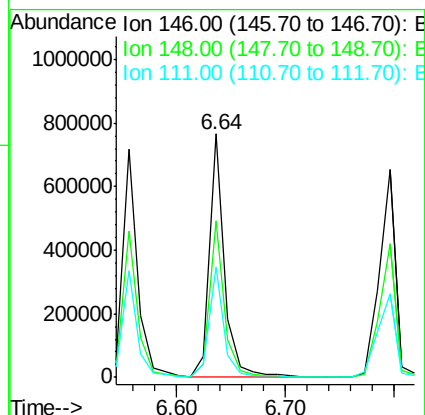
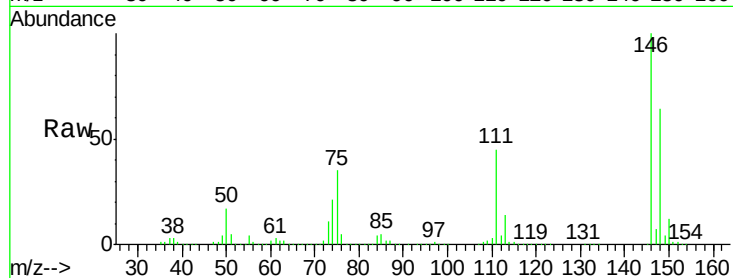




#13
 1,4-Dichlorobenzene
 Concen: 48.12 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

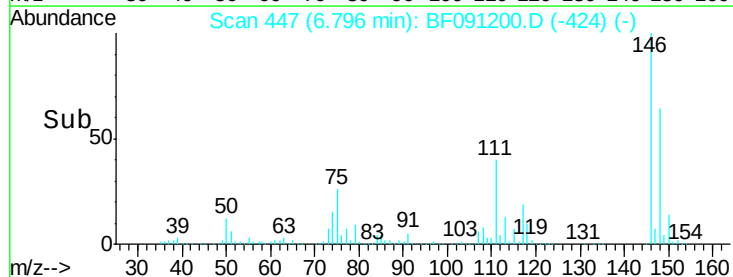
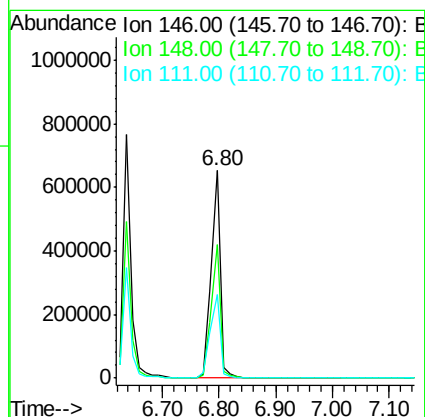
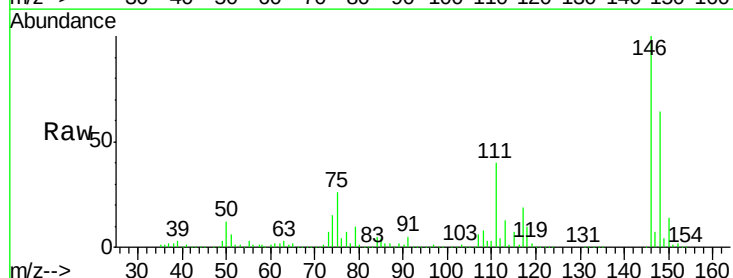
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

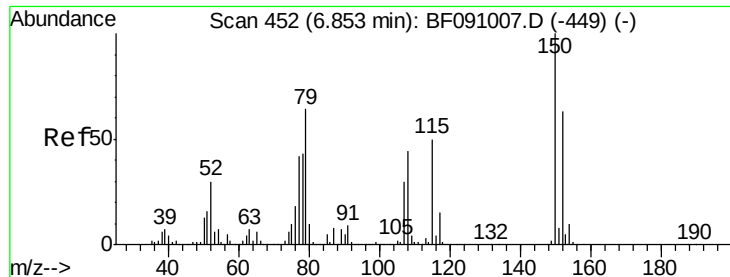
Tgt Ion:146 Resp: 747307
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.1 78.1
 111 45.2 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 48.19 ng
 RT: 6.80 min Scan# 447
 Delta R.T. -0.03 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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

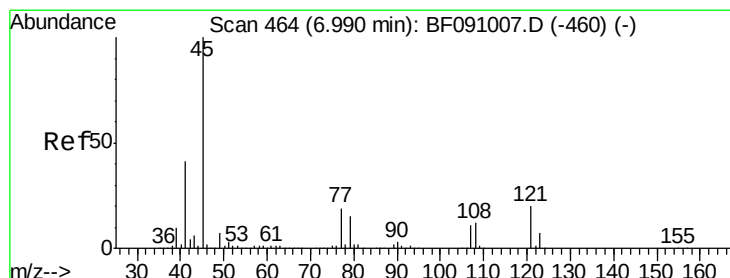
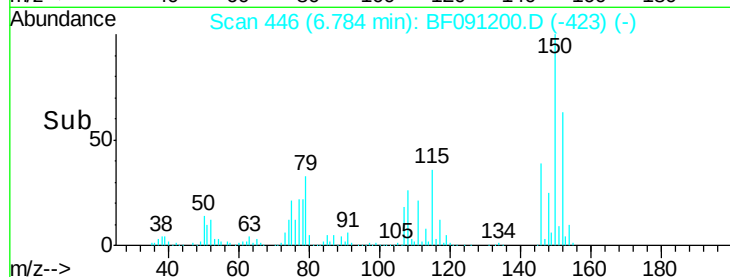
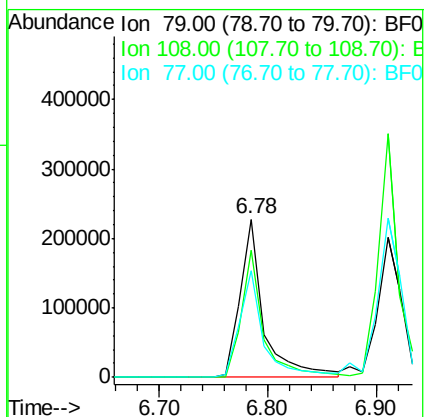
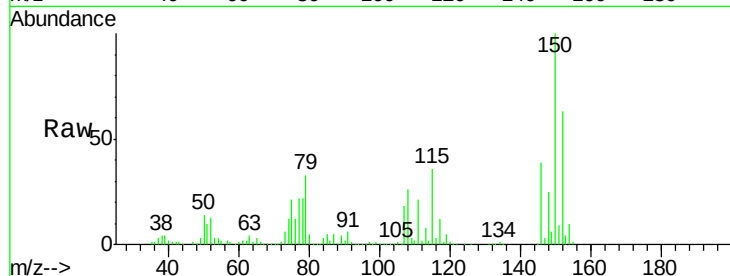
Tgt Ion: 79 Resp: 338752

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. -0.05 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

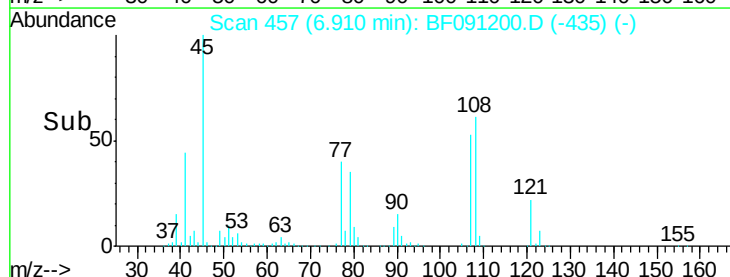
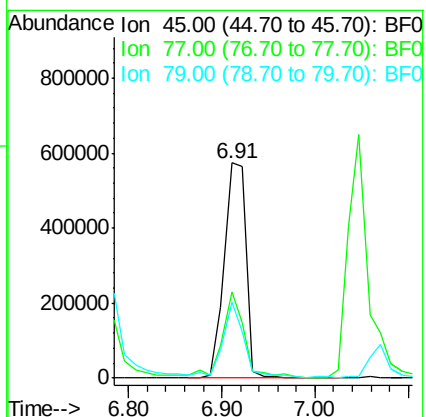
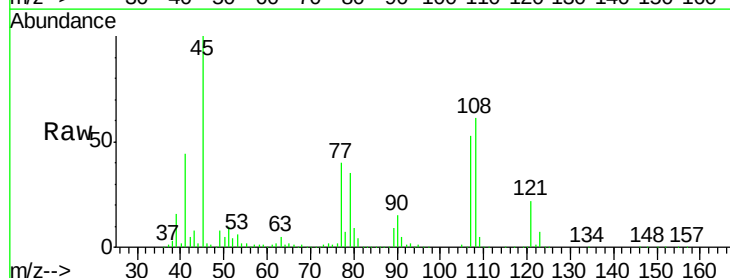
Tgt Ion: 45 Resp: 935623

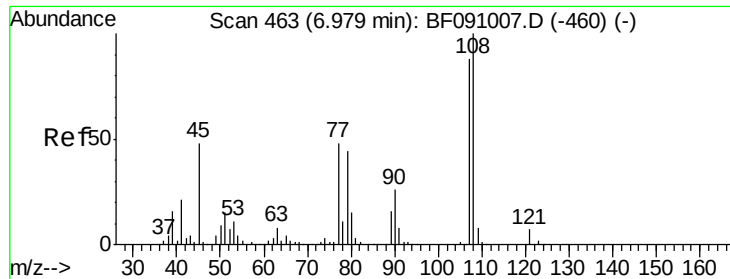
Ion Ratio Lower Upper

45 100

77 40.0 0.0 39.6#

79 35.2 0.0 35.9

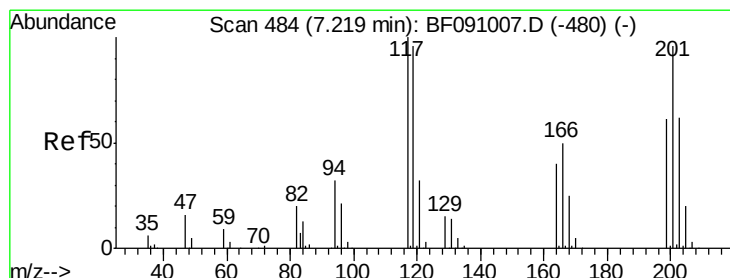
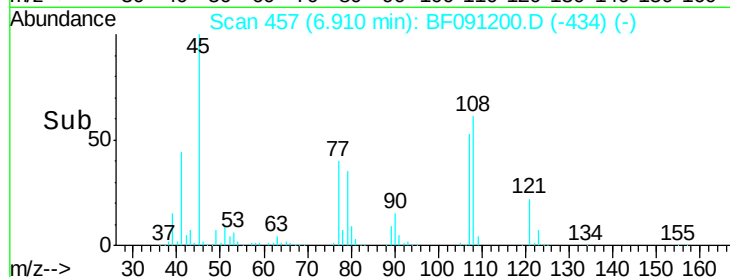
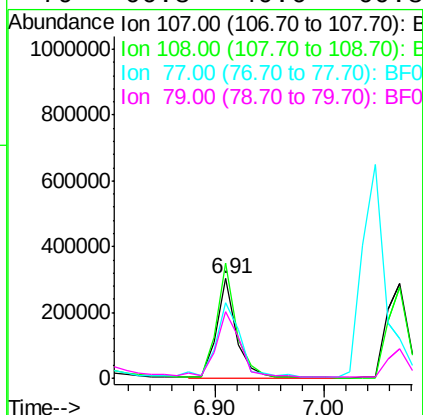
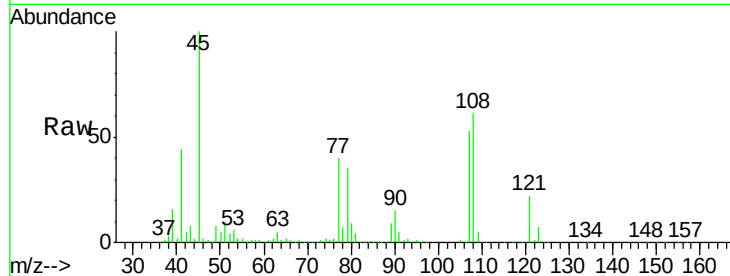




#17
2-Methylphenol
Concen: 34.01 ng
RT: 6.91 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

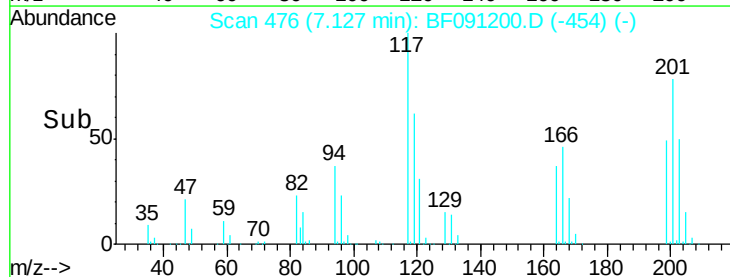
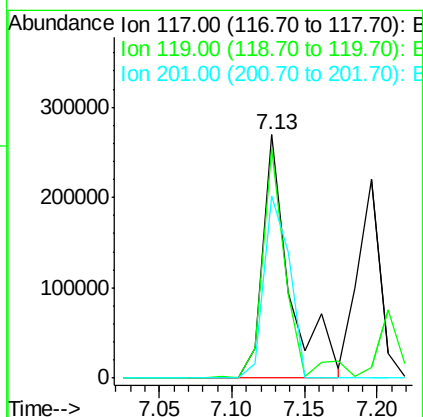
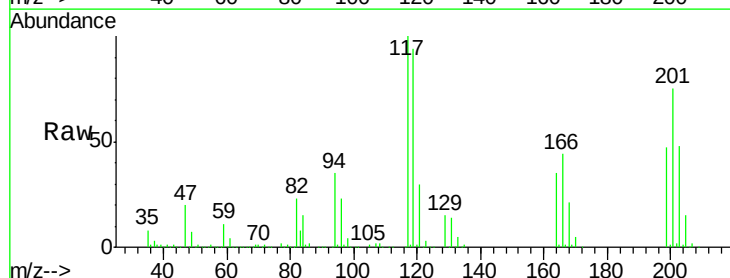
Instrument :
BNA_F
ClientSampleId :
C19023041MS

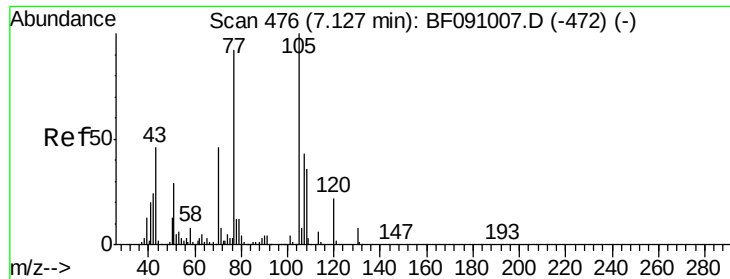
Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.8	91.0	136.6
77	75.8	43.8	65.8#
79	66.8	40.6	60.8#



#18
Hexachloroethane
Concen: 58.11 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.05 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#

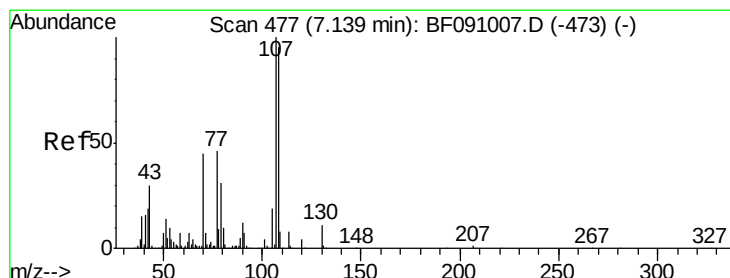
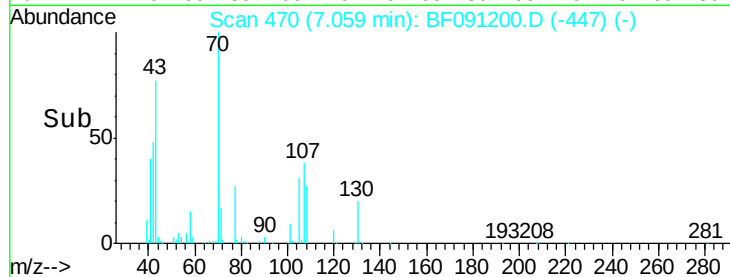
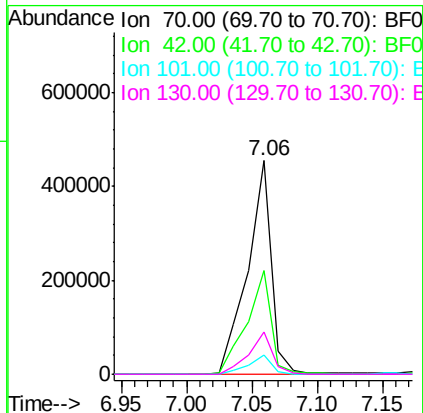
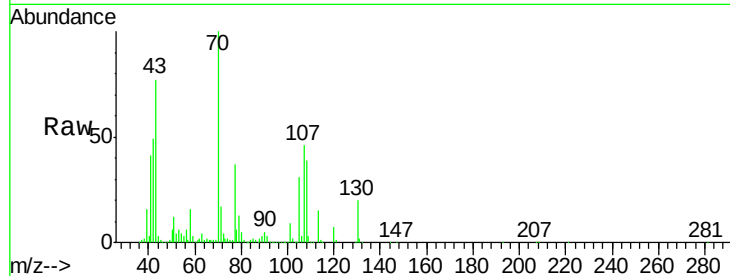




#19
n-Nitroso-di-n-propylamine
Concen: 51.41 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

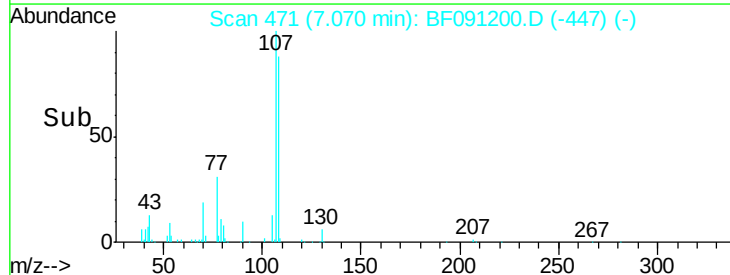
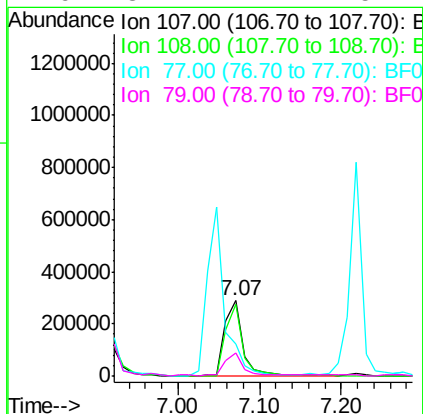
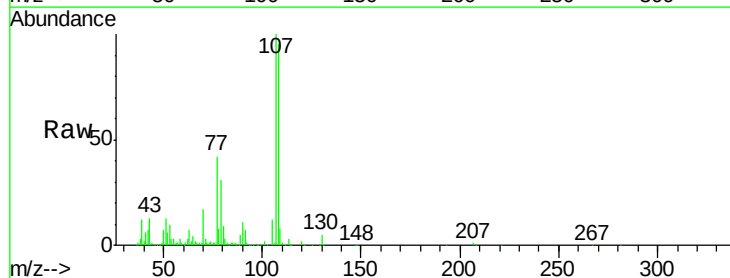
Instrument :
BNA_F
ClientSampleId :
C19023041MS

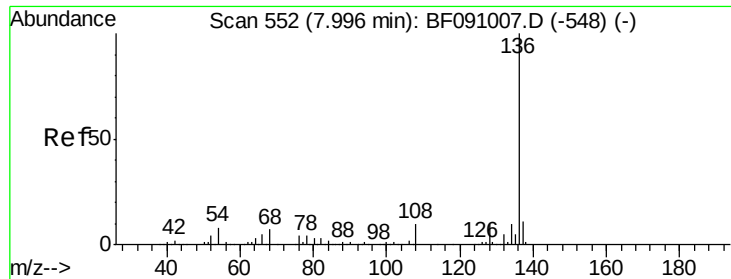
Tgt Ion:	70	Resp:	580088
Ion	Ratio	Lower	Upper
70	100		
42	48.5	41.7	62.5
101	9.1	6.7	10.1
130	19.6	13.8	20.8



#20
3+4-Methylphenols
Concen: 32.56 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 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

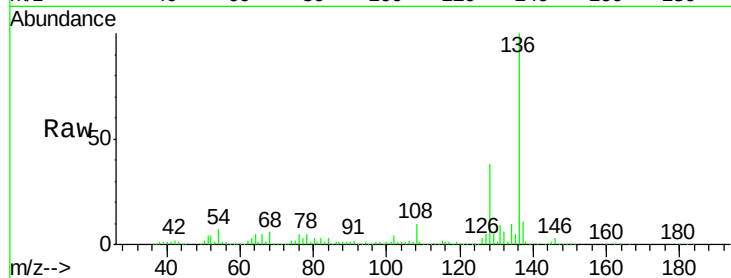




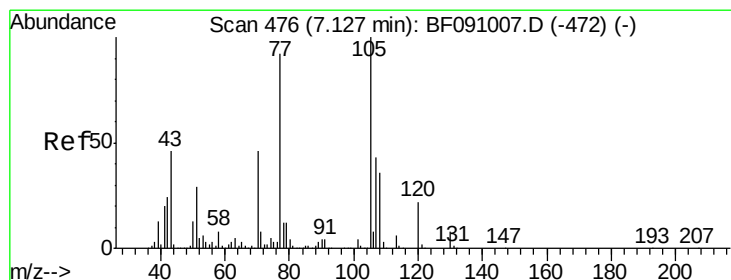
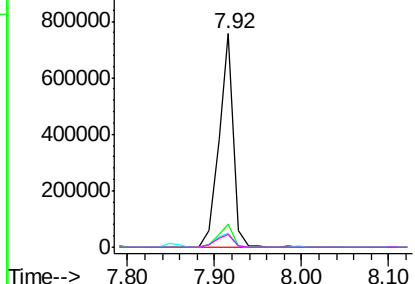
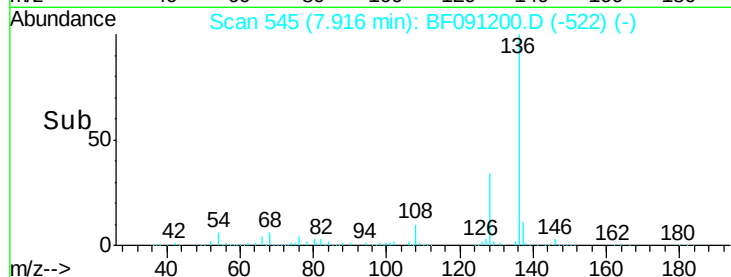
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

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

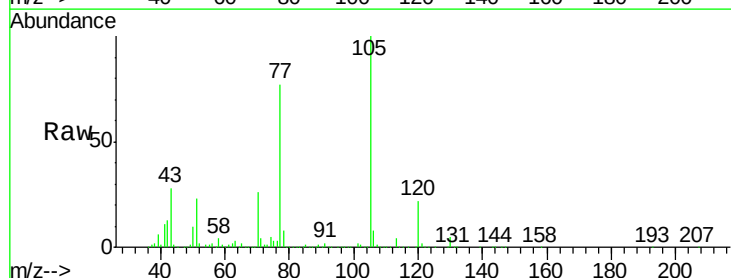


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

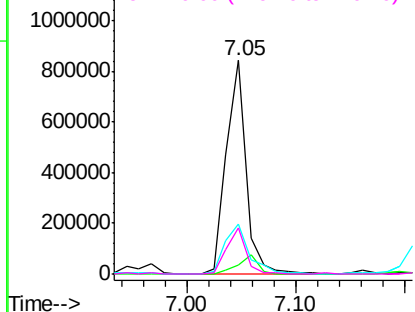
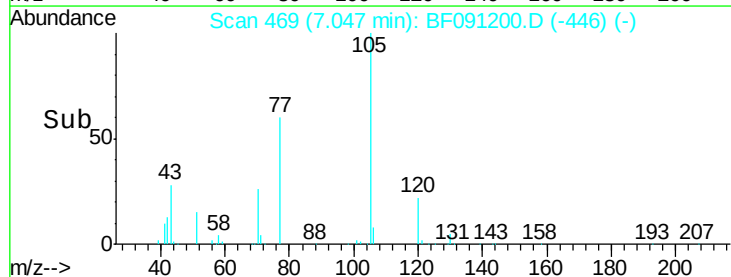


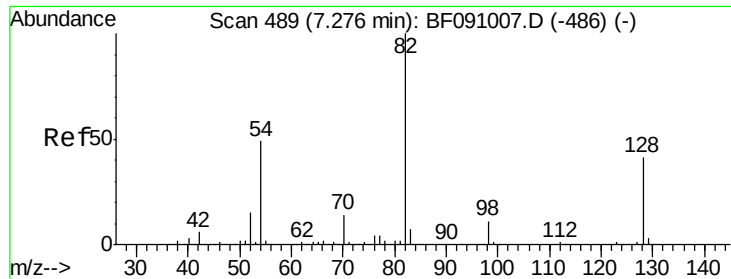
#22
Acetophenone
Concen: 52.76 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

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

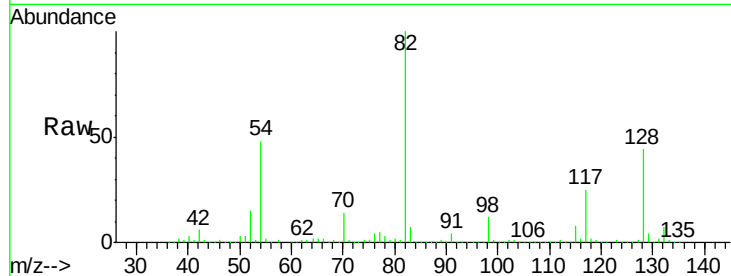




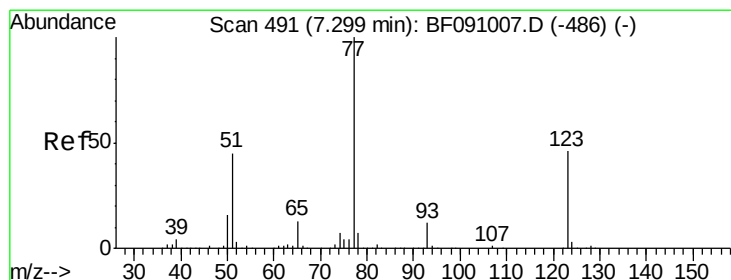
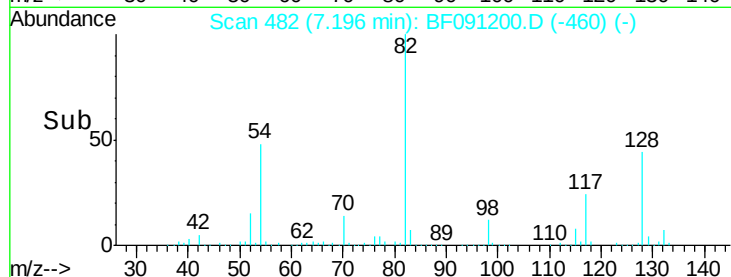
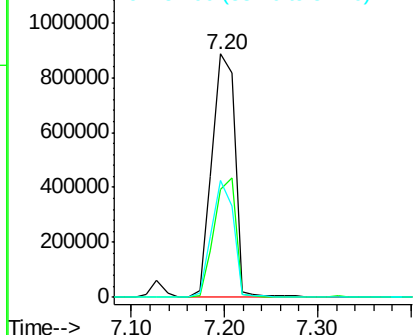
#23
 Nitrobenzene-d5
 Concen: 95.40 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

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

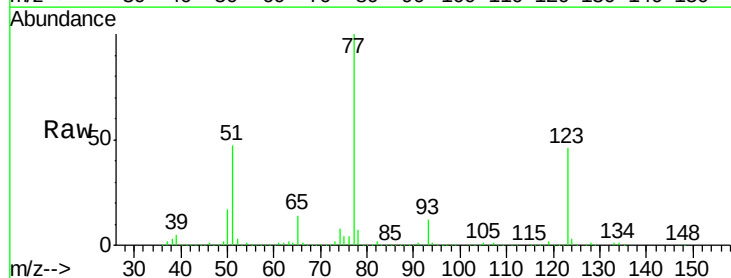


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

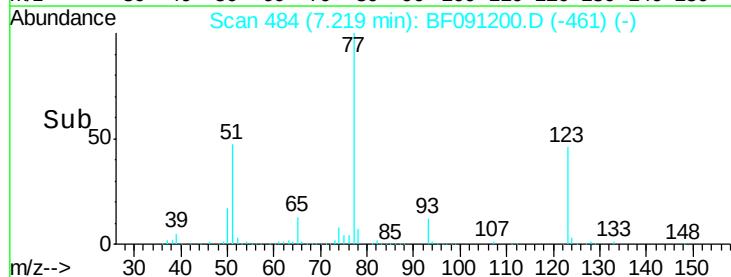
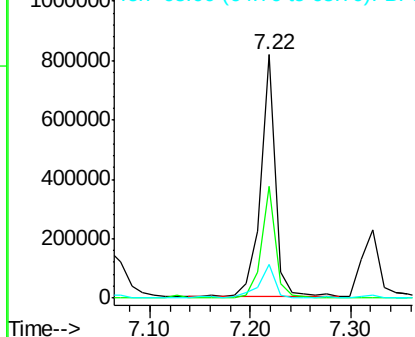


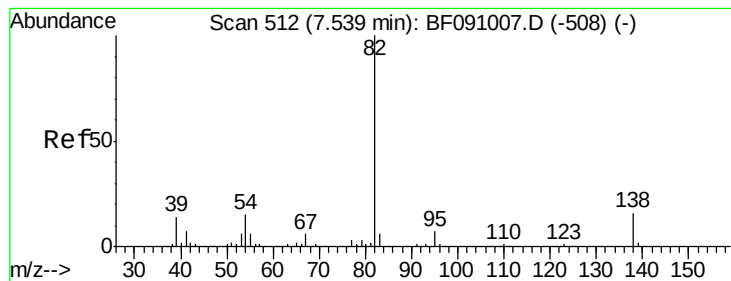
#24
 Nitrobenzene
 Concen: 47.67 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

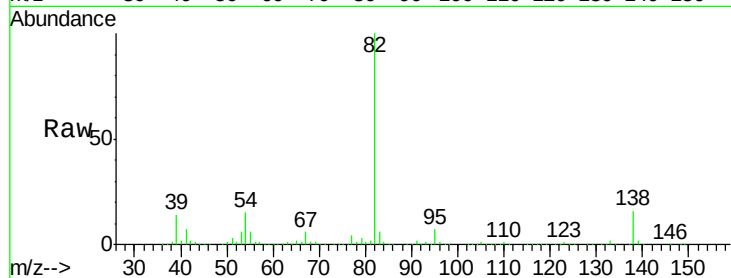
Tgt Ion: 82 Resp: 1607229

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

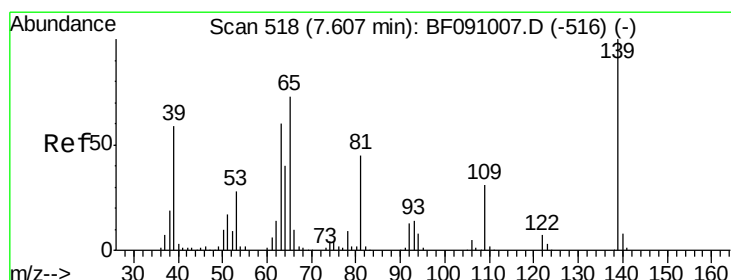
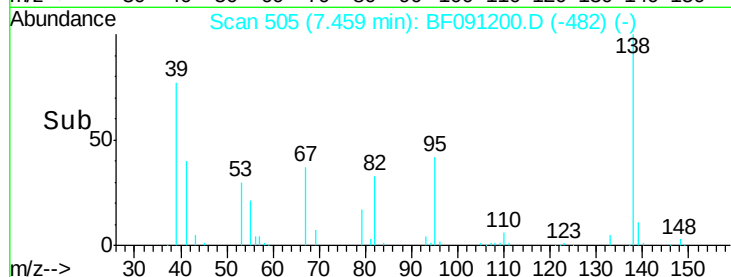
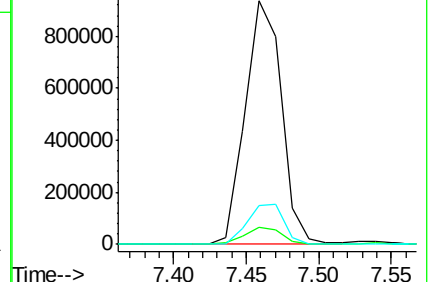
138 16.2 13.0 19.4



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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

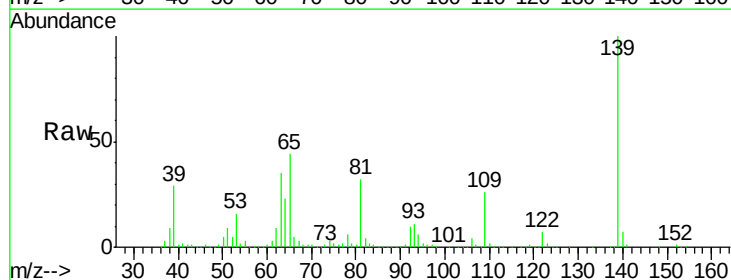
Tgt Ion: 139 Resp: 412619

Ion Ratio Lower Upper

139 100

109 26.2 24.7 37.1

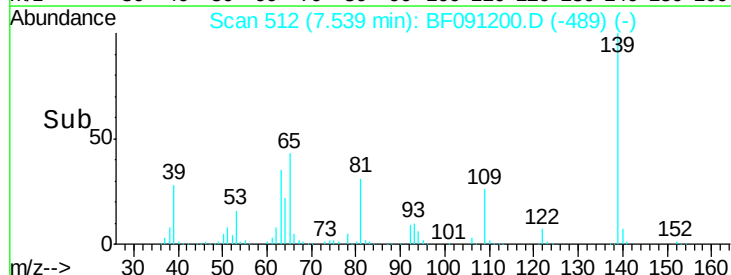
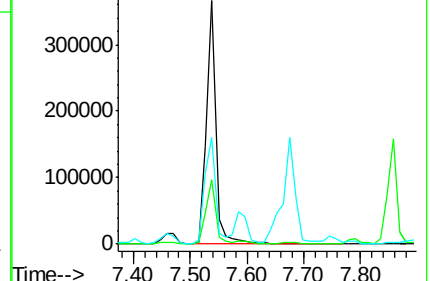
65 43.9 58.3 87.5#

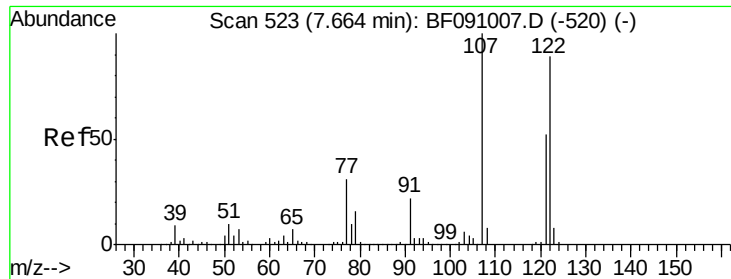


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

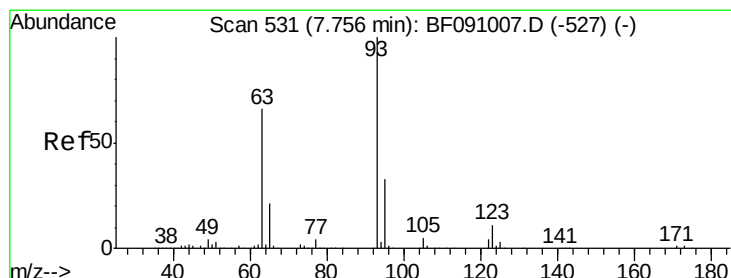
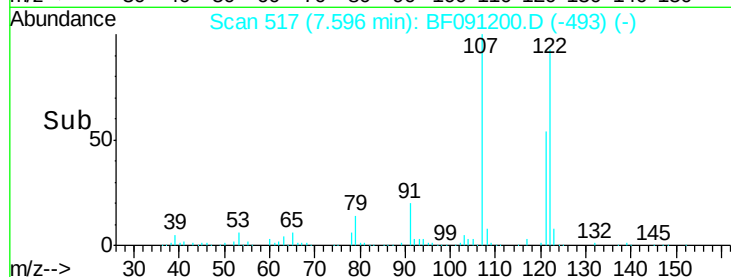
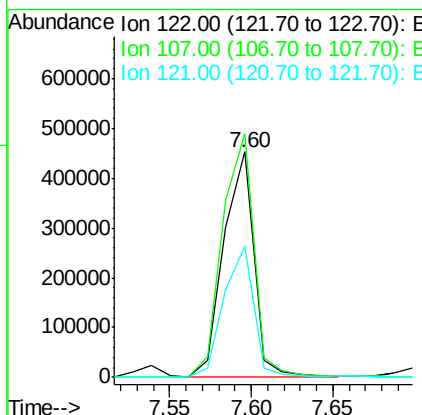
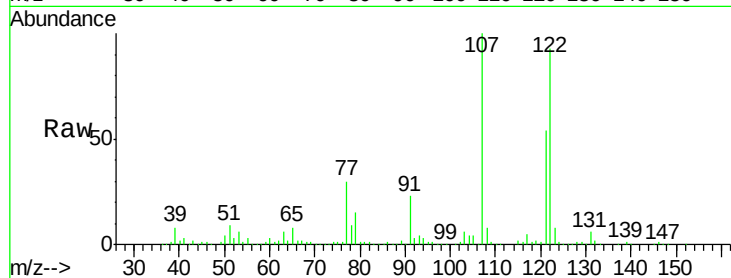




#27
 2,4-Dimethylphenol
 Concen: 46.68 ng
 RT: 7.60 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

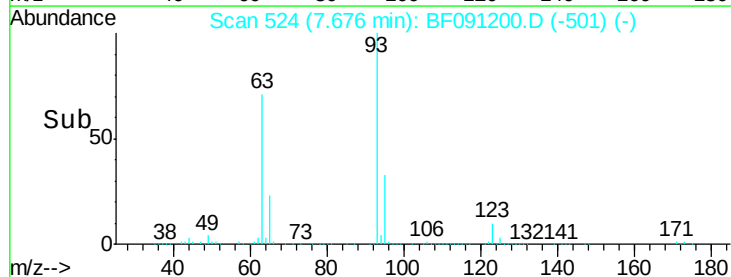
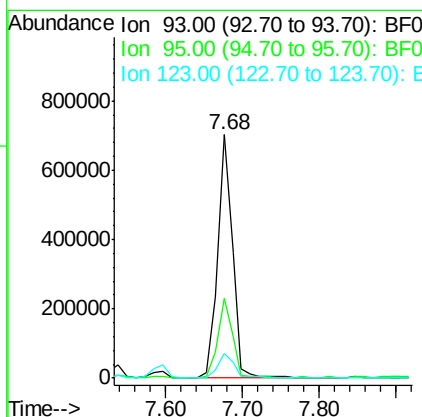
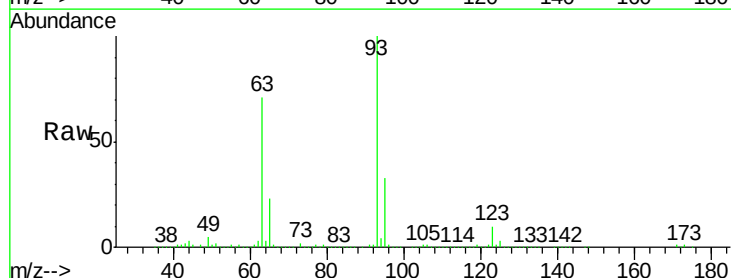
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

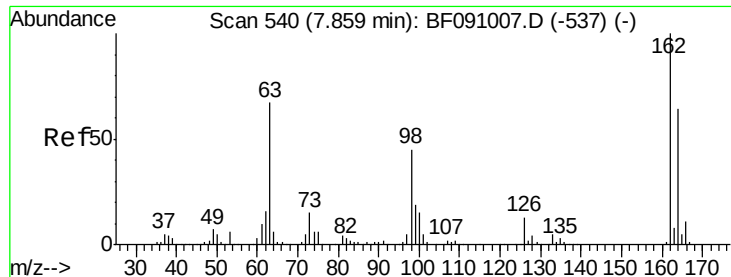
Tgt Ion:122 Resp: 576790
 Ion Ratio Lower Upper
 122 100
 107 107.9 89.6 134.4
 121 57.9 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.88 ng
 RT: 7.68 min Scan# 524
 Delta R.T. -0.03 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

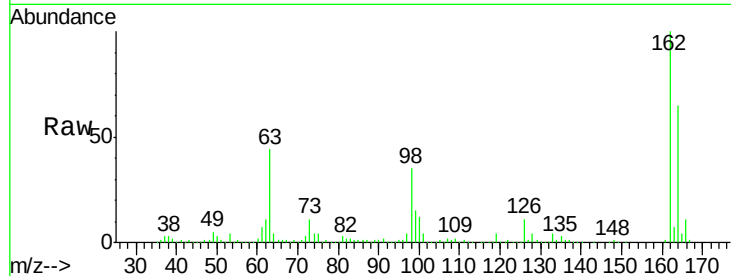




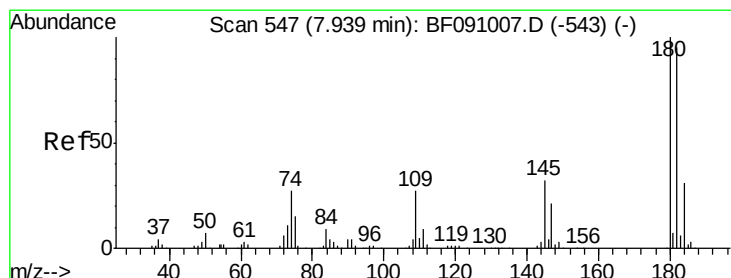
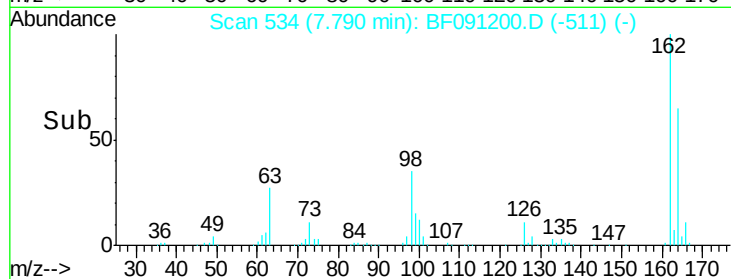
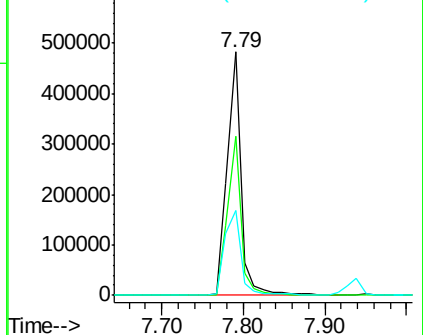
#29
 2,4-Dichlorophenol
 Concen: 52.95 ng
 RT: 7.79 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

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

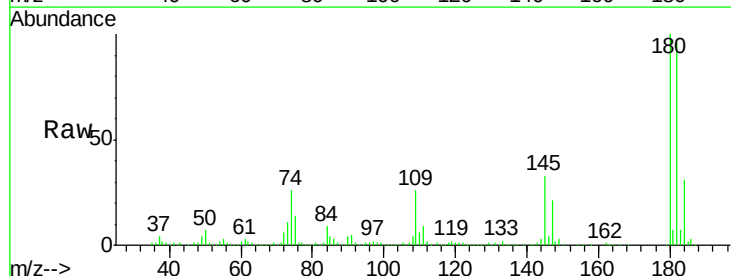


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

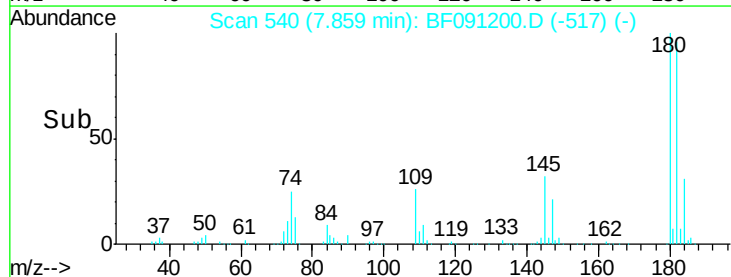
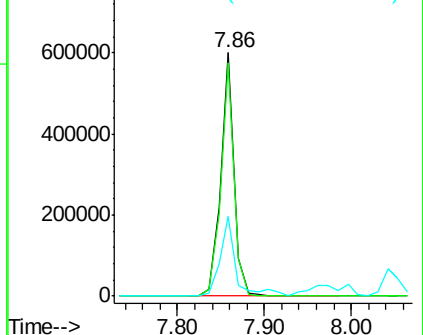


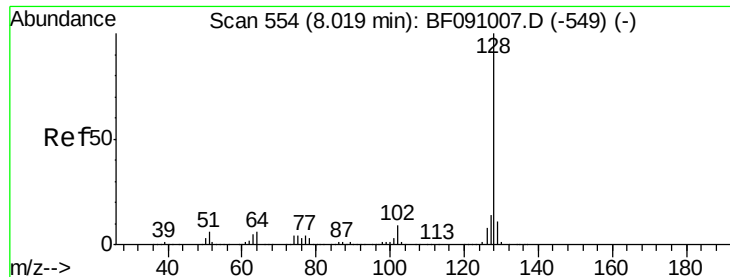
#30
 1,2,4-Trichlorobenzene
 Concen: 53.28 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

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

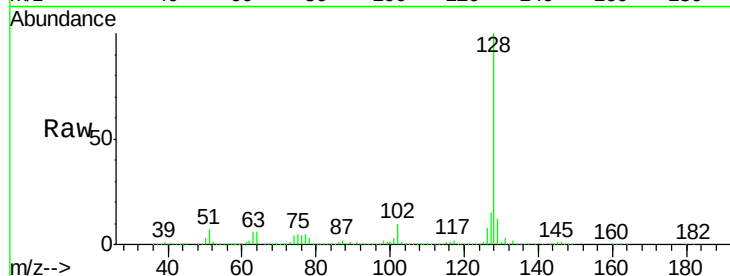




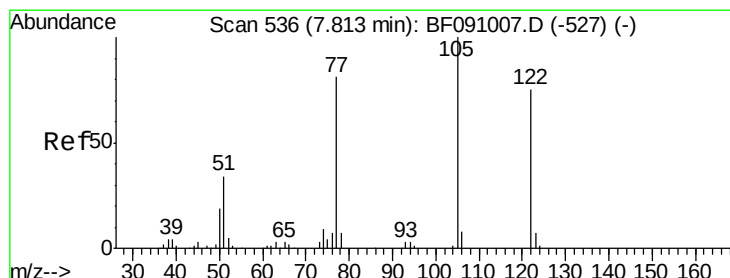
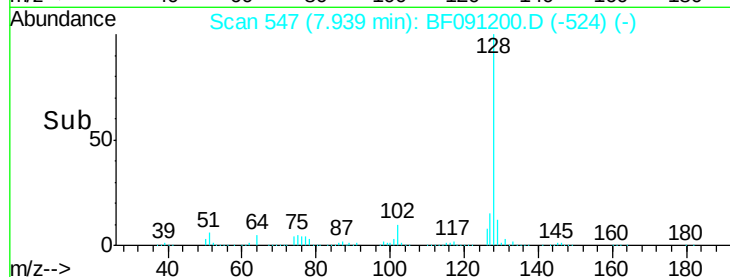
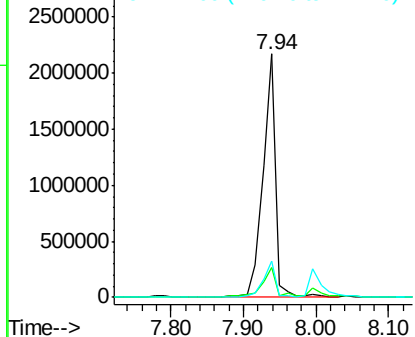
#31
Naphthalene
Concen: 64.76 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

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

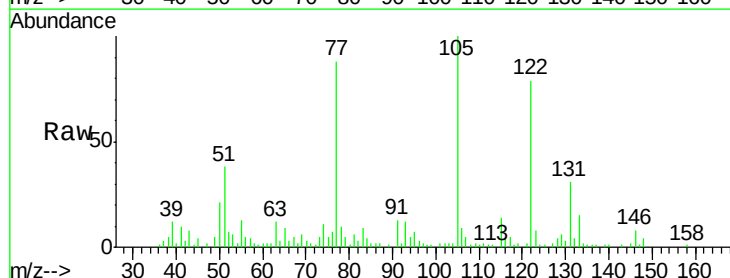


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

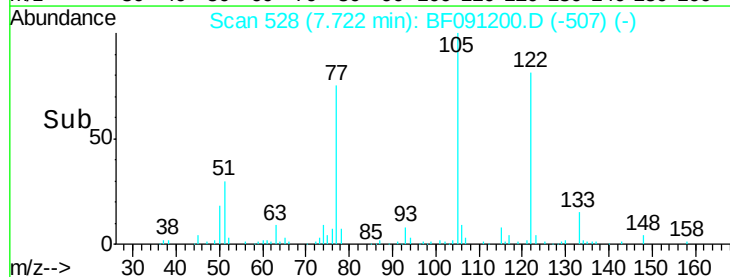
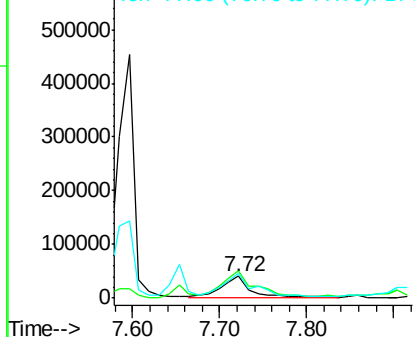


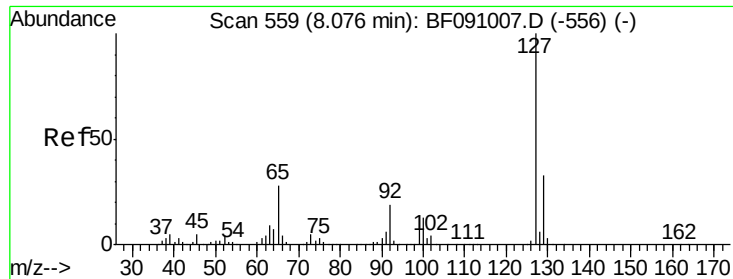
#32
Benzoic acid
Concen: 13.50 ng
RT: 7.72 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

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

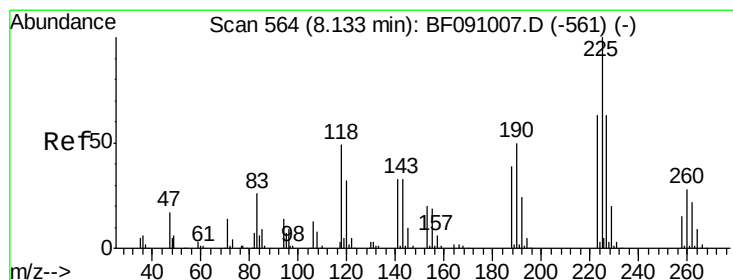
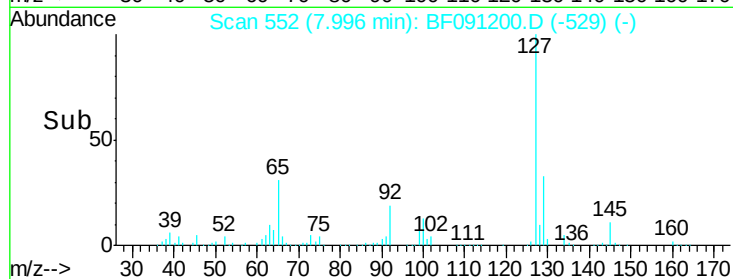
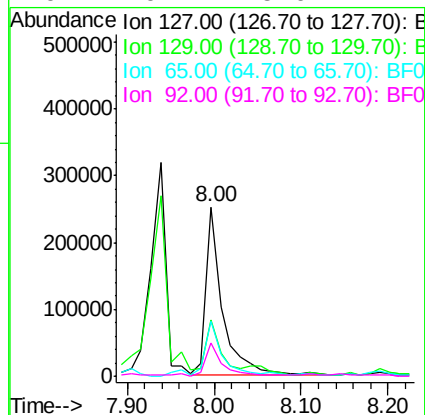
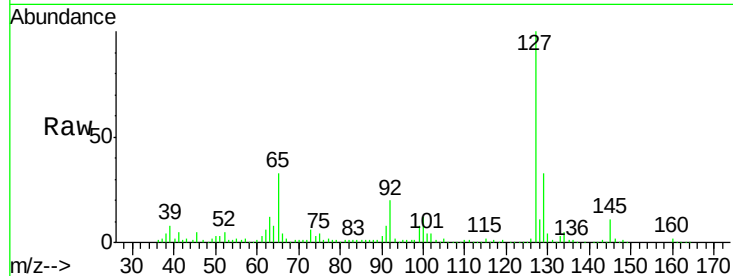




#33
4-Chloroaniline
Concen: 19.12 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

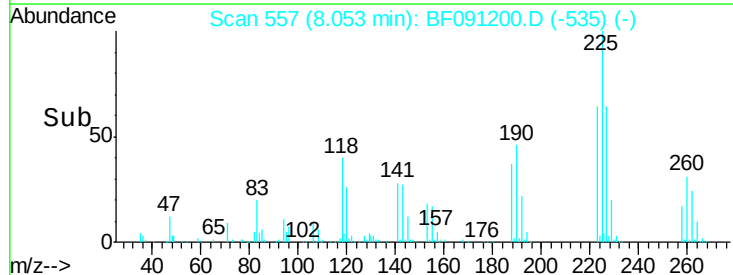
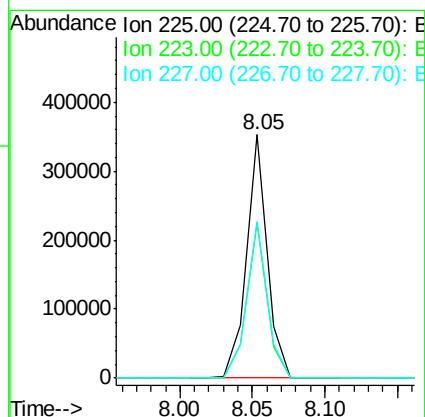
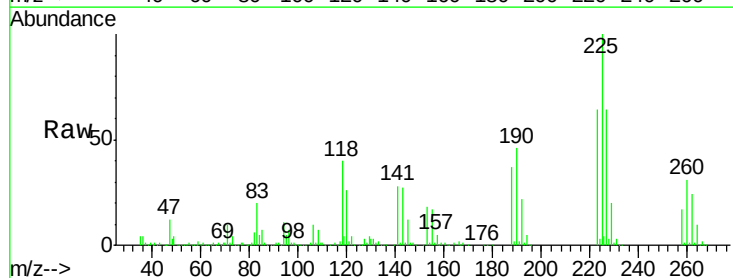
Instrument :
BNA_F
ClientSampleId :
C19023041MS

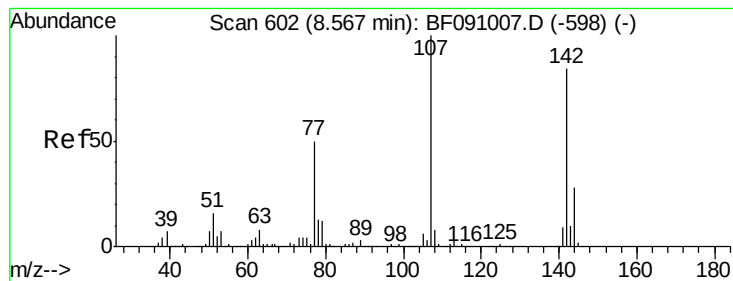
Tgt Ion:	127	Resp:	331635
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	39.8
65	32.5	22.2	33.2
92	19.7	15.0	22.4



#34
Hexachlorobutadiene
Concen: 53.23 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.05 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





#36

4-Chloro-3-methylphenol

Concen: 44.19 ng

RT: 8.49 min Scan# 595

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

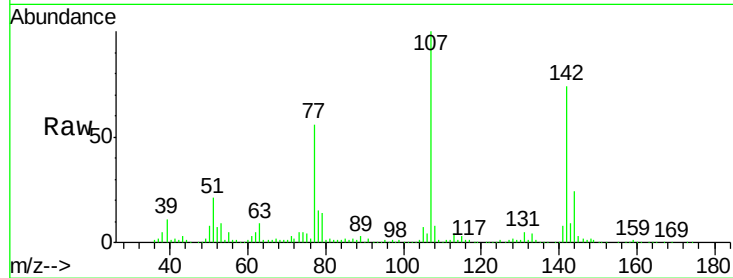
Tgt Ion:107 Resp: 576910

Ion Ratio Lower Upper

107 100

144 24.2 22.5 33.7

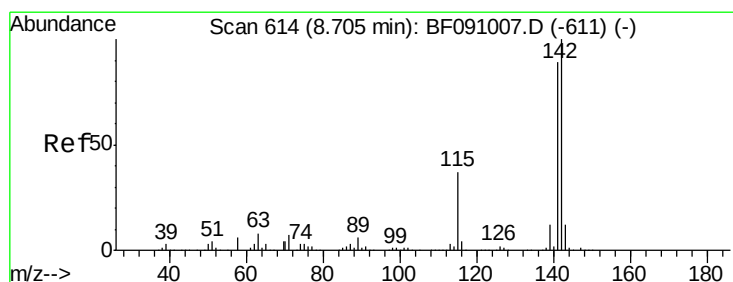
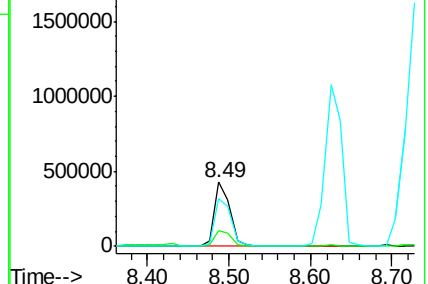
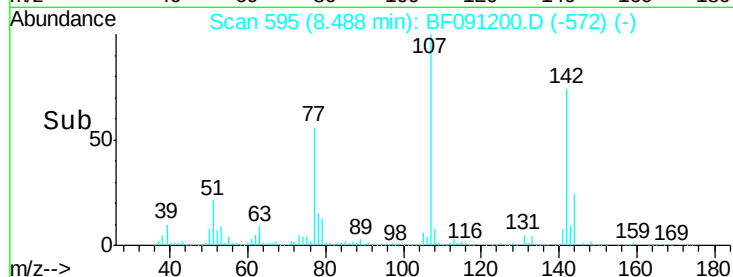
142 73.9 67.4 101.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 57.43 ng

RT: 8.62 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

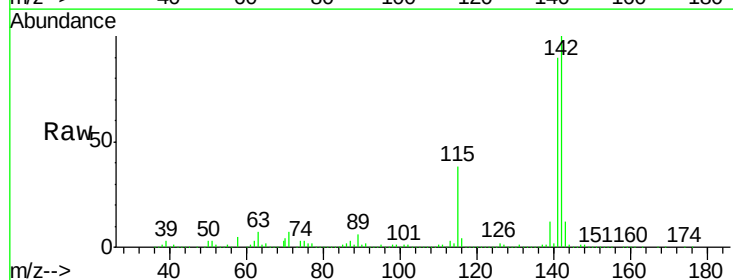
Tgt Ion:142 Resp: 1539496

Ion Ratio Lower Upper

142 100

141 89.6 71.3 106.9

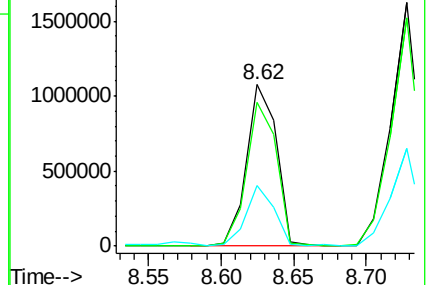
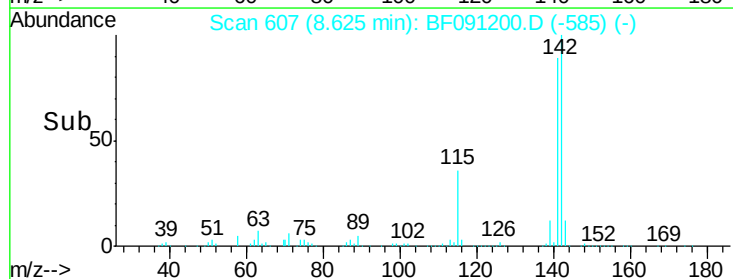
115 37.9 29.9 44.9

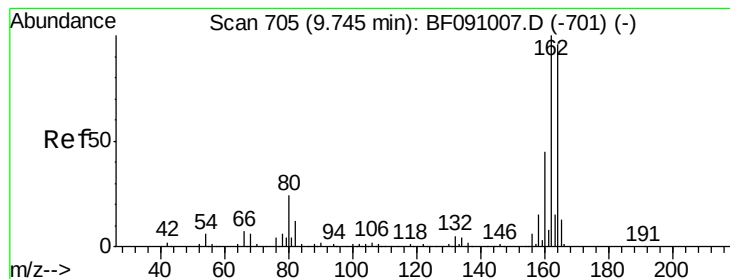


Abundance Ion 142.00 (141.70 to 142.70): E

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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

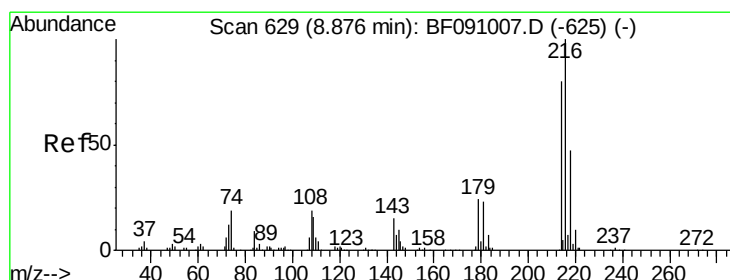
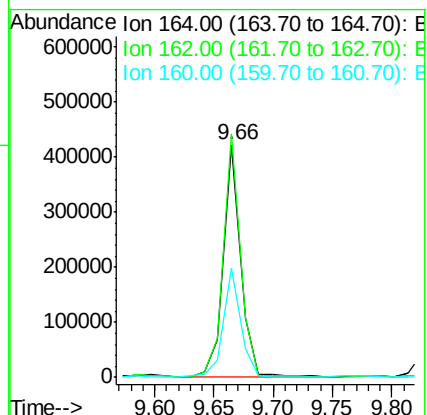
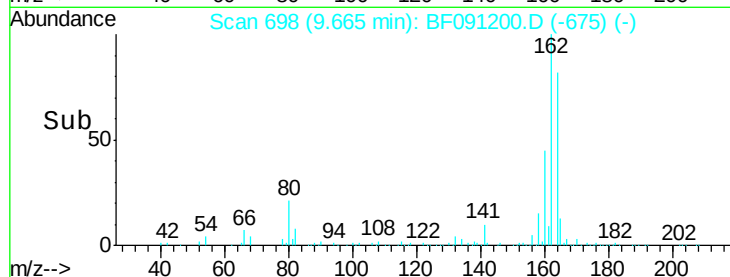
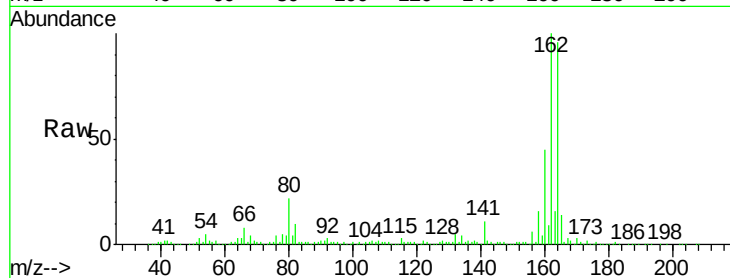
Tgt Ion:164 Resp: 424495

Ion Ratio Lower Upper

164 100

162 104.7 83.6 125.4

160 47.1 37.9 56.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 57.23 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Tgt Ion:216 Resp: 619435

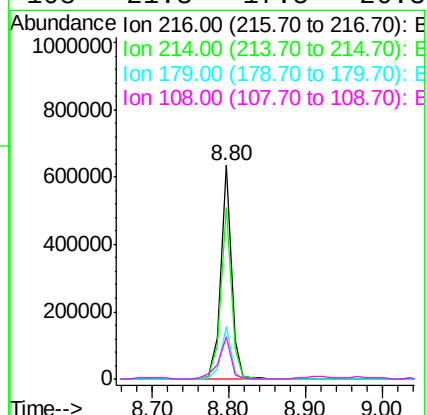
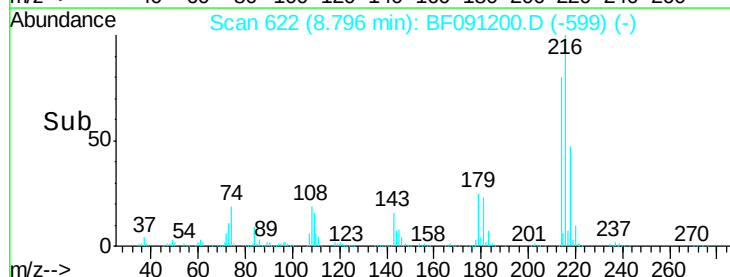
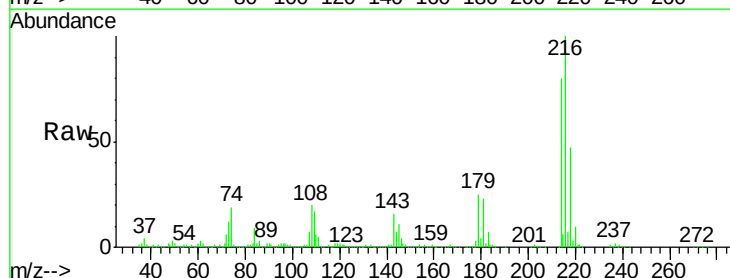
Ion Ratio Lower Upper

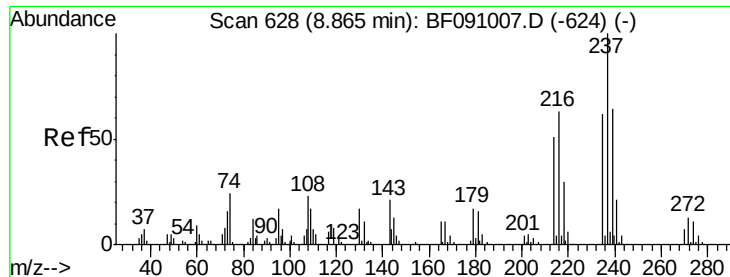
216 100

214 79.8 63.5 95.3

179 23.5 19.1 28.7

108 21.3 17.5 26.3





#40

Hexachlorocyclopentadiene

Concen: 111.43 ng

RT: 8.78 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

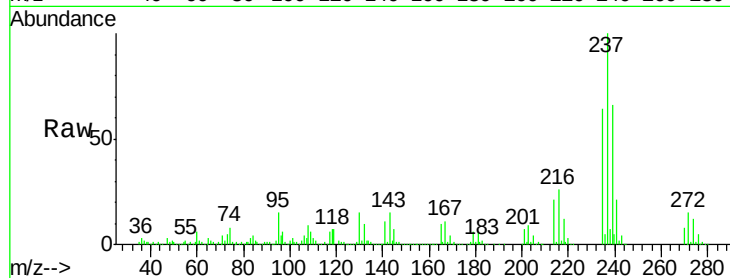
Tgt Ion: 237 Resp: 480128

Ion Ratio Lower Upper

237 100

235 63.9 42.1 82.1

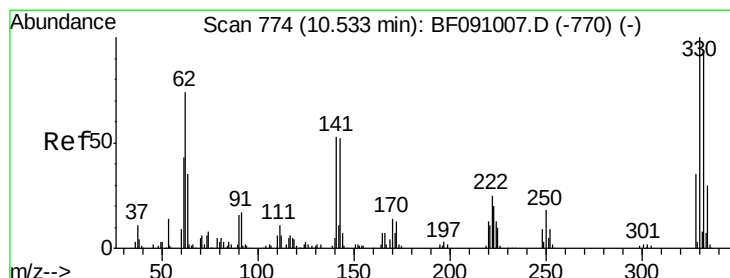
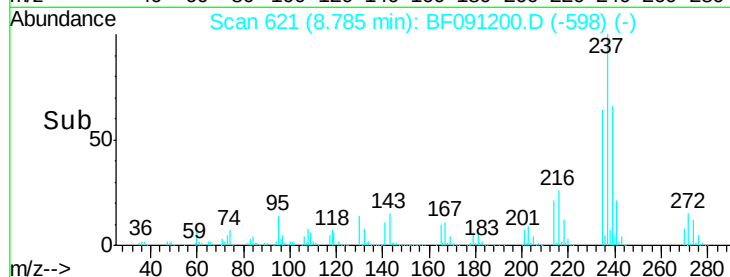
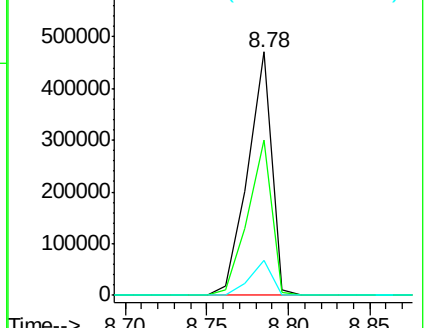
272 14.6 0.0 33.1



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. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

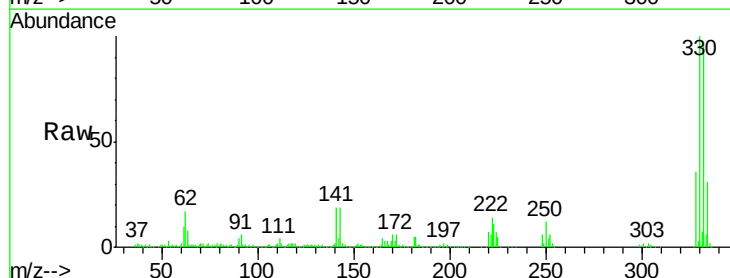
Tgt Ion: 330 Resp: 641634

Ion Ratio Lower Upper

330 100

332 95.4 75.9 113.9

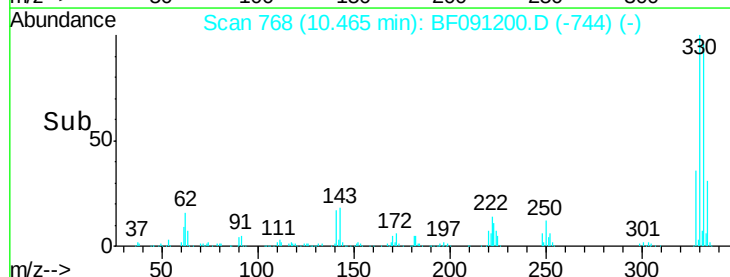
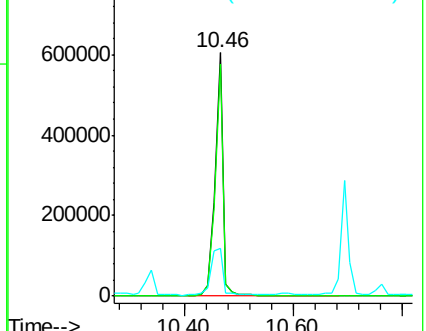
141 28.0 36.1 54.1#

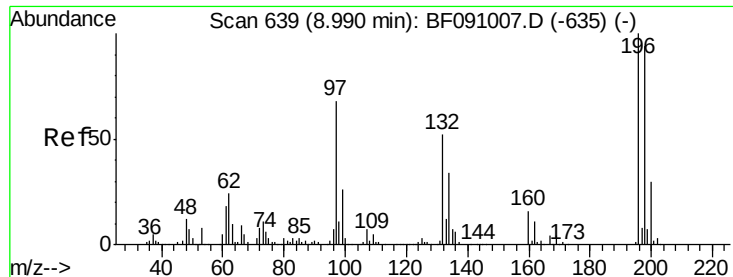


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

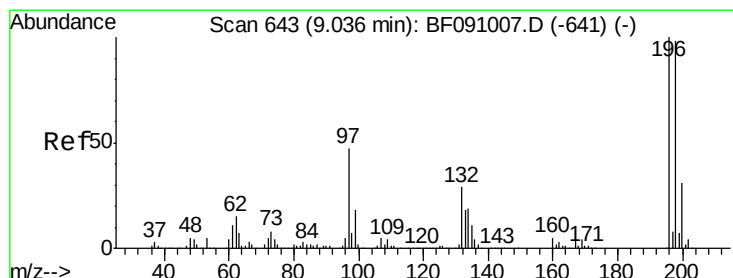
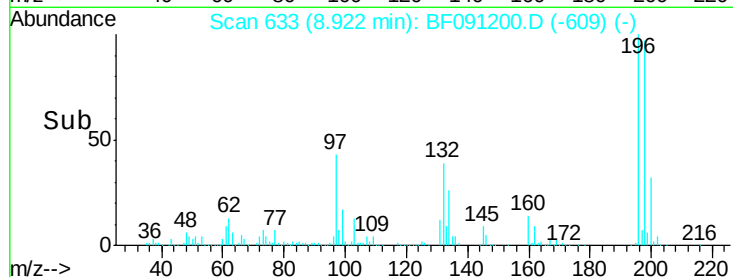
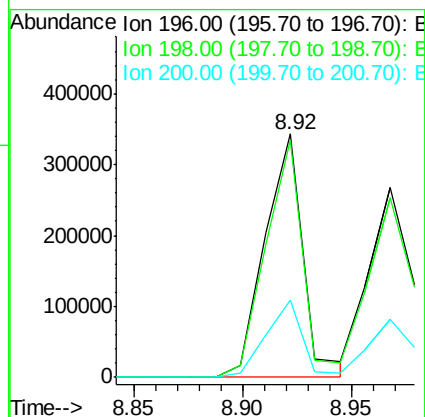
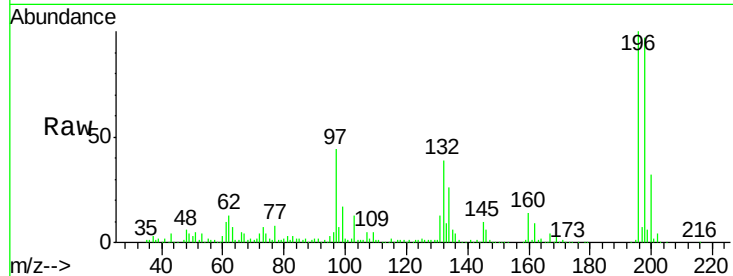




#42
 2,4,6-Trichlorophenol
 Concen: 60.05 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

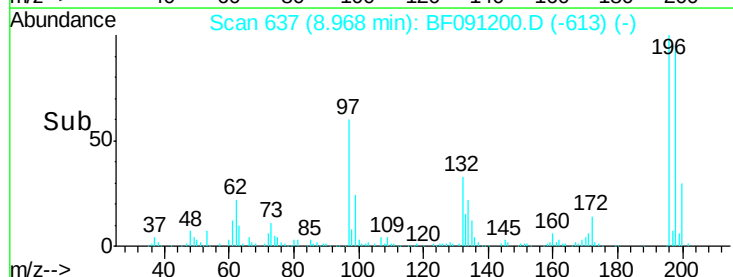
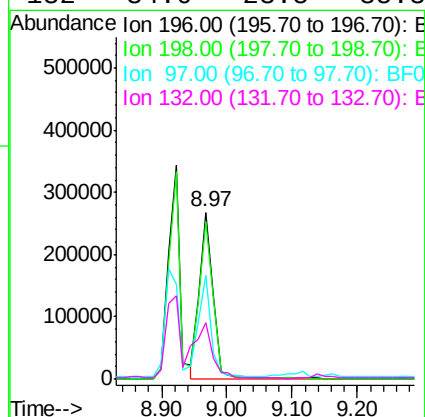
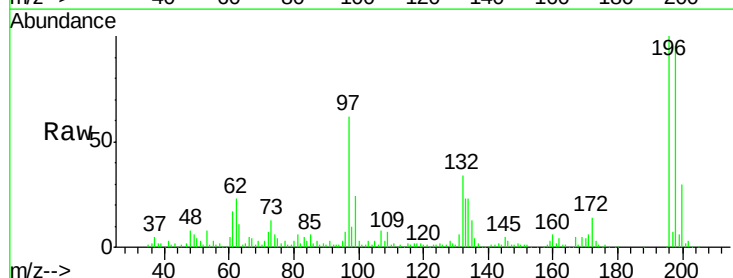
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

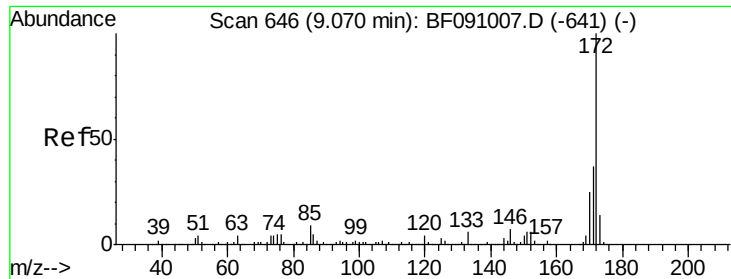
Tgt Ion:196 Resp: 419532
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.4 113.0
 200 31.6 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 52.57 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

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

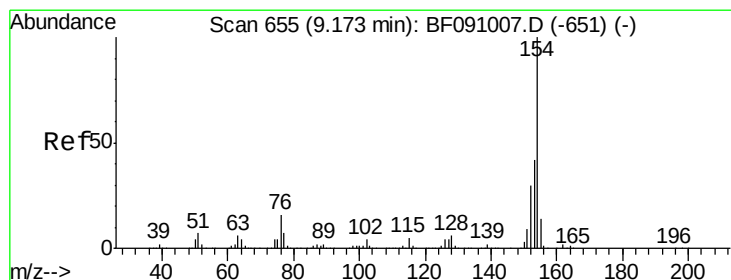
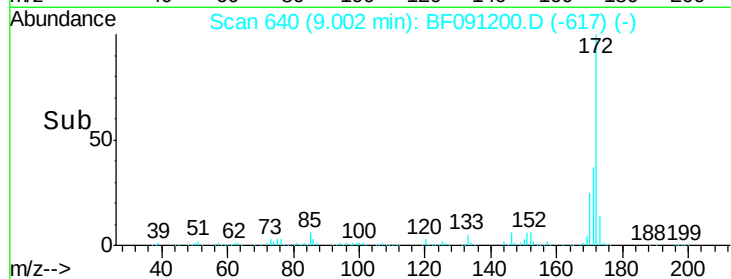
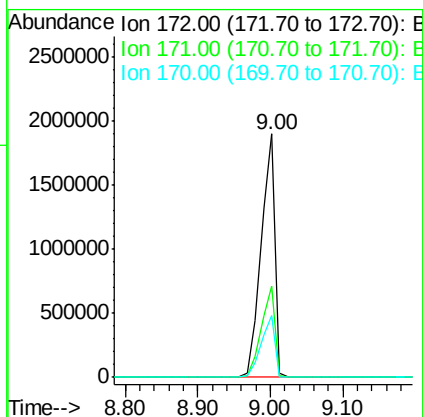
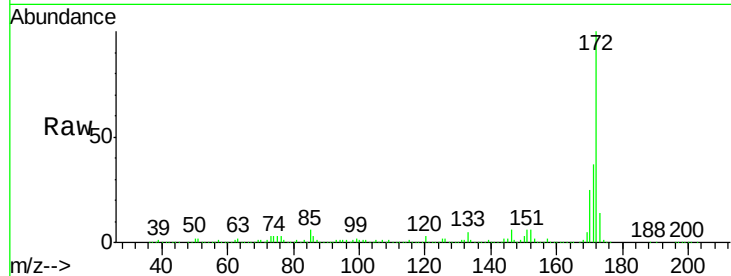




#44
2-Fluorobiphenyl
Concen: 104.71 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

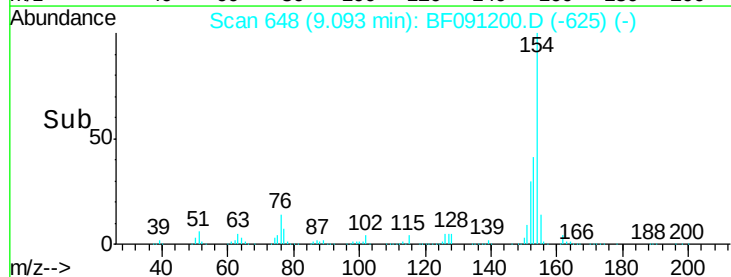
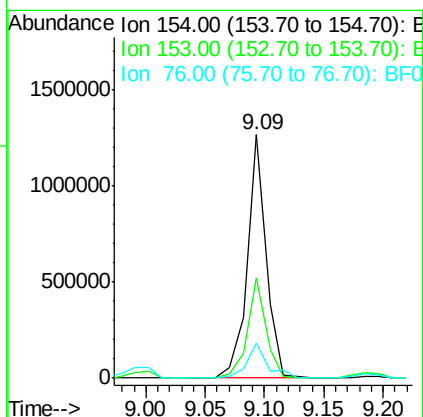
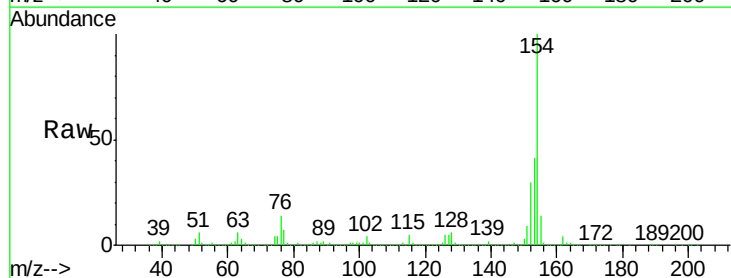
Instrument :
BNA_F
ClientSampleId :
C19023041MS

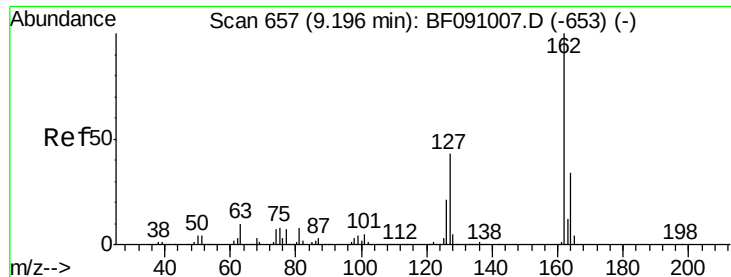
Tgt Ion:172 Resp: 2581904
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.4 20.3 30.5



#45
1,1'-Biphenyl
Concen: 45.50 ng
RT: 9.09 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

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

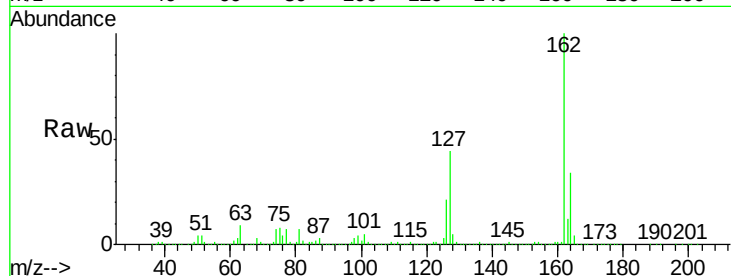




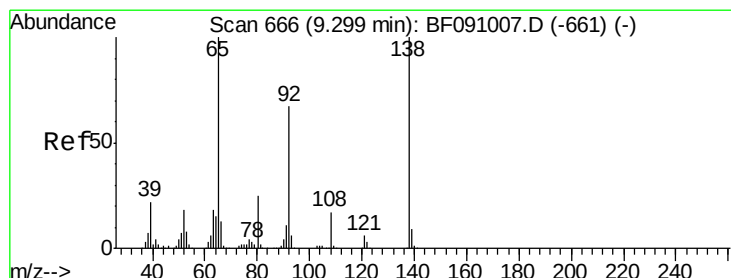
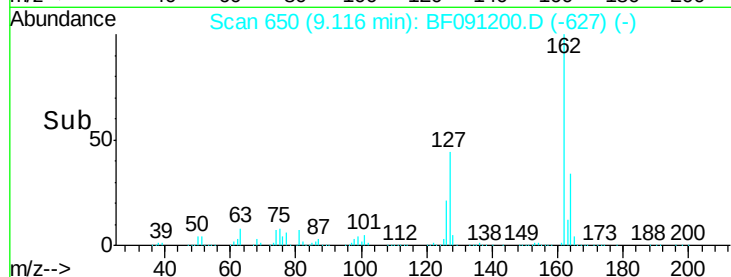
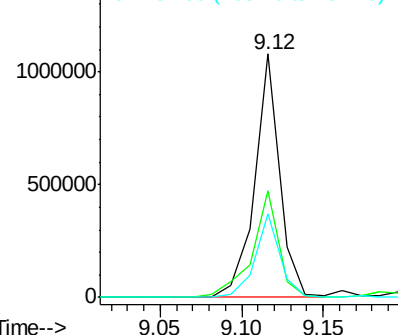
#46
2-Chloronaphthalene
Concen: 48.98 ng
RT: 9.12 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Instrument :
BNA_F
ClientSampleId :
C19023041MS

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

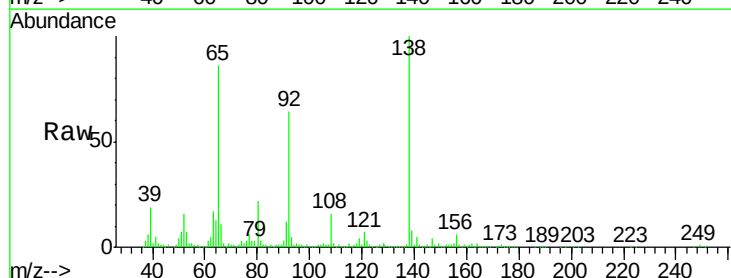


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

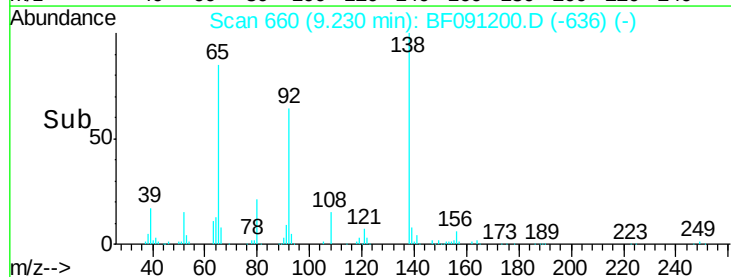
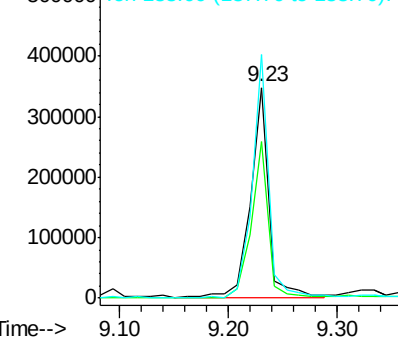


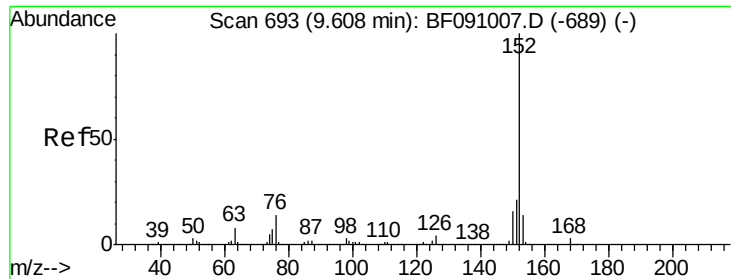
#47
2-Nitroaniline
Concen: 46.25 ng
RT: 9.23 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

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): E





#48

Acenaphthylene

Concen: 48.51 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

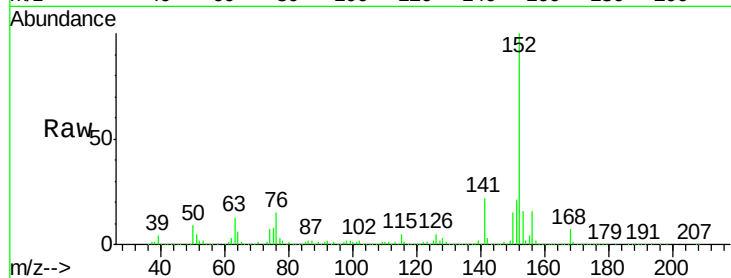
Tgt Ion:152 Resp: 1779130

Ion Ratio Lower Upper

152 100

151 21.3 16.7 25.1

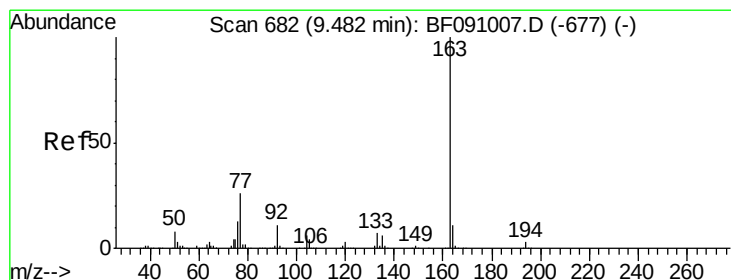
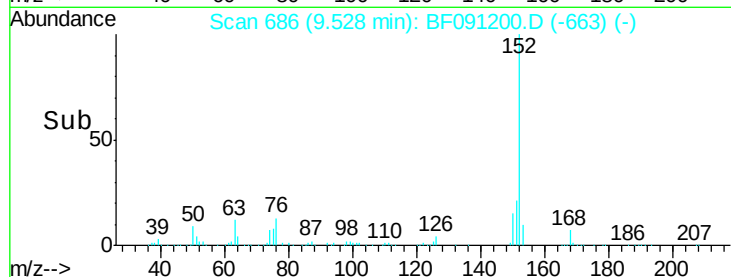
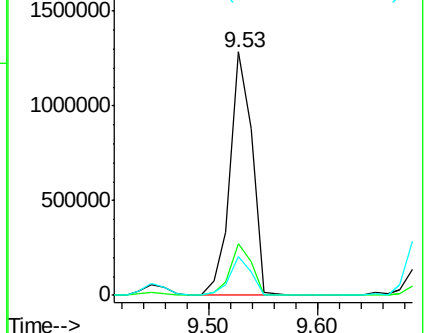
153 15.9 11.1 16.7



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. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

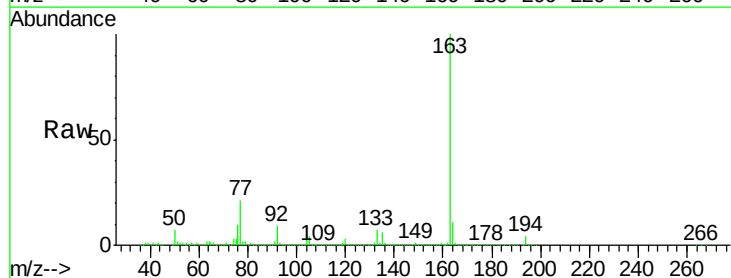
Tgt Ion:163 Resp: 1490201

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

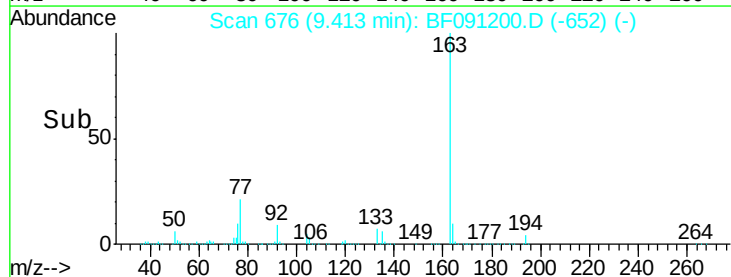
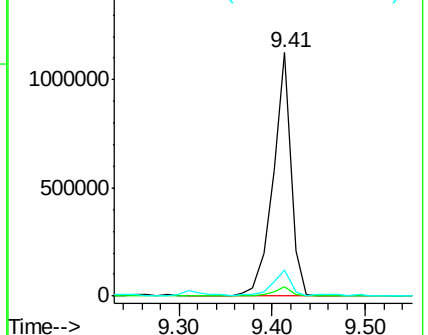
164 10.8 8.7 13.1

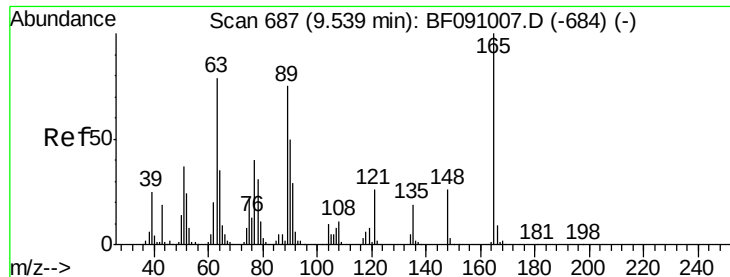


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

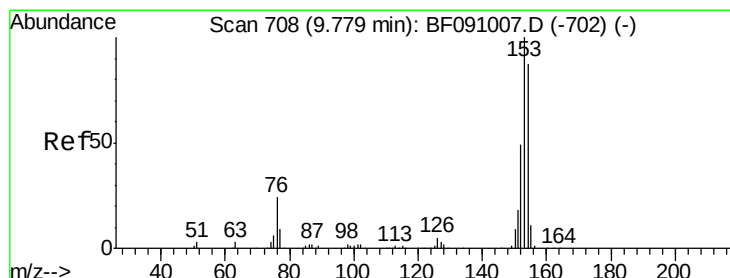
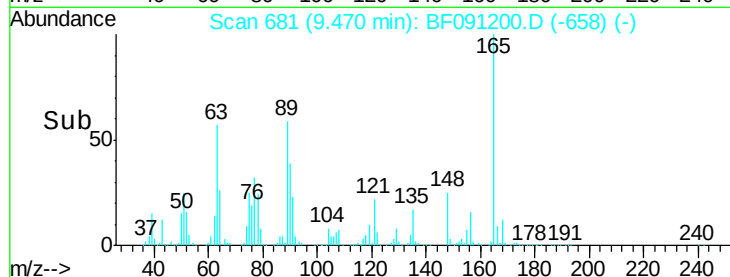
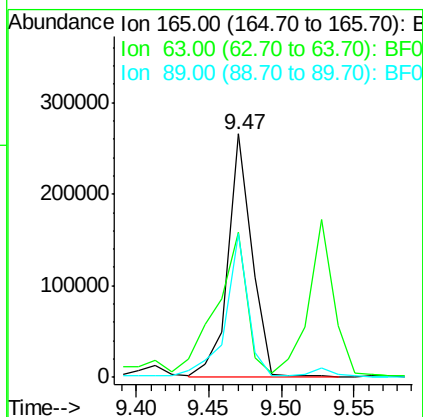
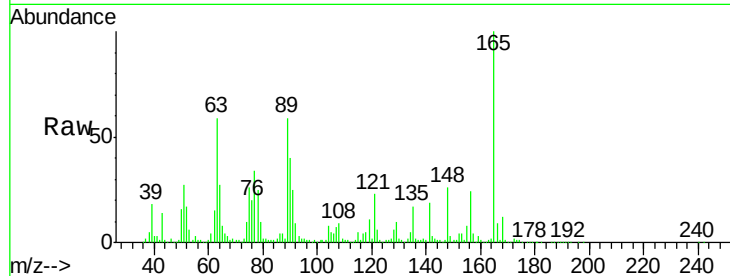




#50
2,6-Dinitrotoluene
Concen: 50.60 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

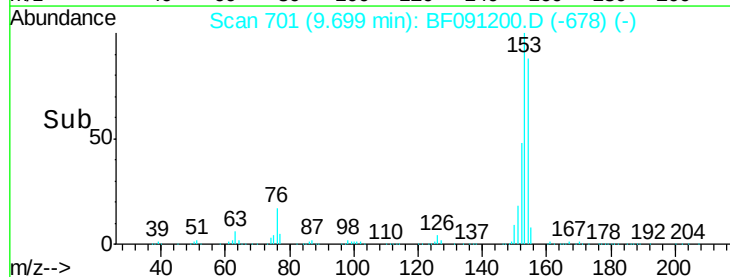
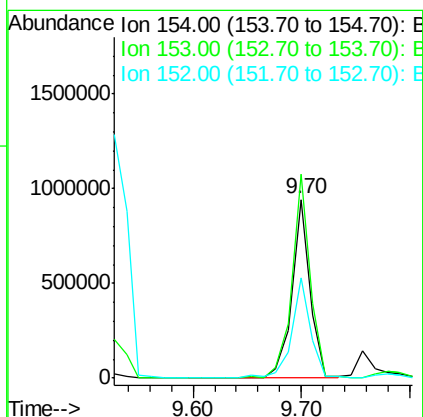
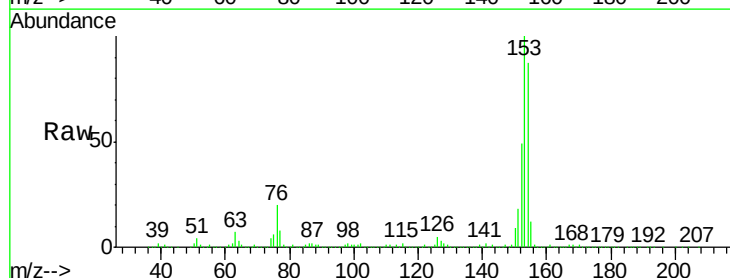
Instrument :
BNA_F
ClientSampleId :
C19023041MS

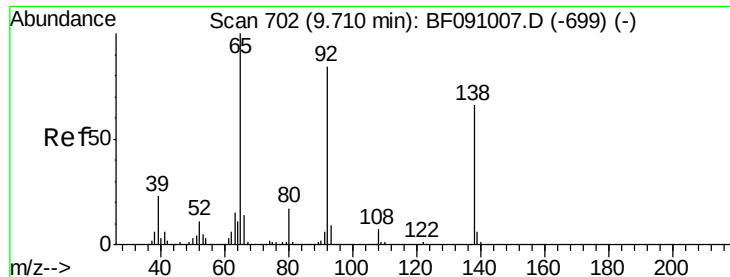
Tgt Ion:165 Resp: 301855
Ion Ratio Lower Upper
165 100
63 59.4 65.6 98.4#
89 59.2 59.8 89.6#



#51
Acenaphthene
Concen: 47.42 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

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





#52

3-Nitroaniline

Concen: 19.64 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

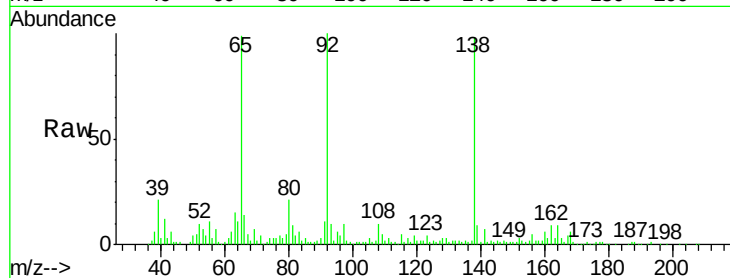
Tgt Ion:138 Resp: 138951

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

150000

100000

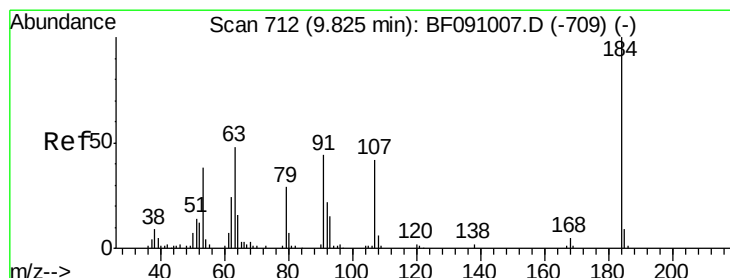
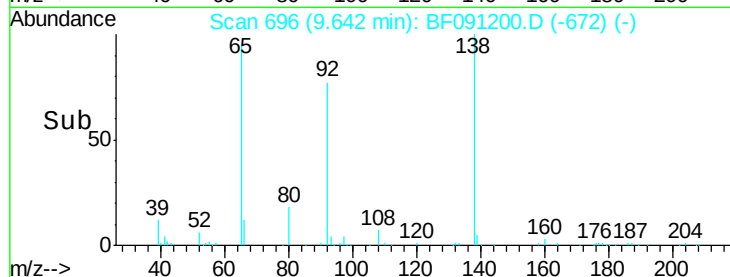
50000

0

9.50 9.60 9.70

9.64

Time-->



#53

2,4-Dinitrophenol

Concen: 91.44 ng

RT: 9.76 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

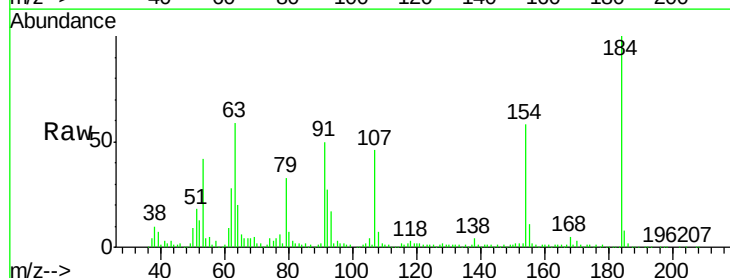
Tgt Ion:184 Resp: 300270

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

1200000

1000000

800000

600000

400000

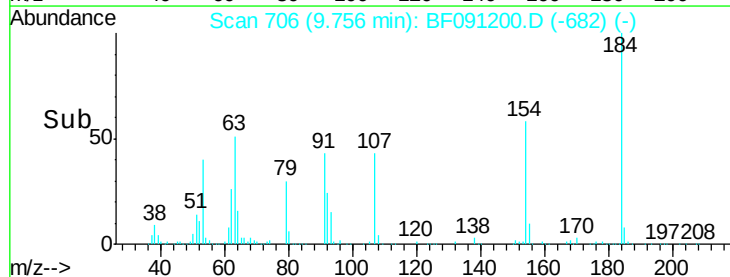
200000

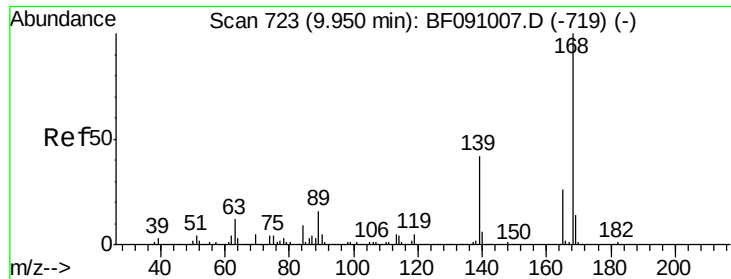
0

9.70 9.80 9.90

9.76

Time-->

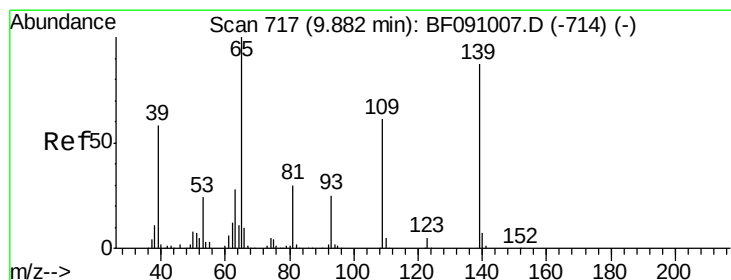
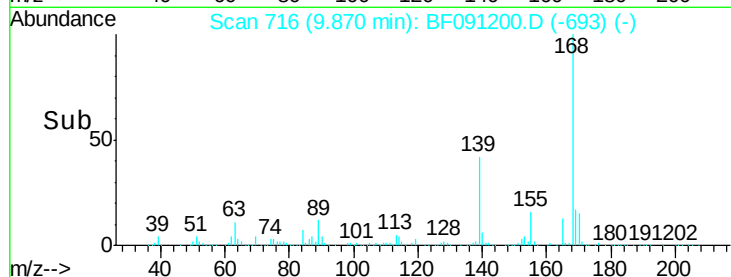
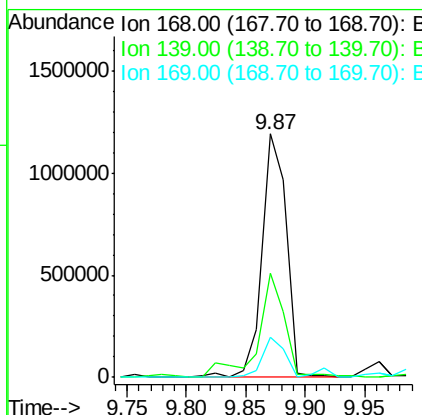
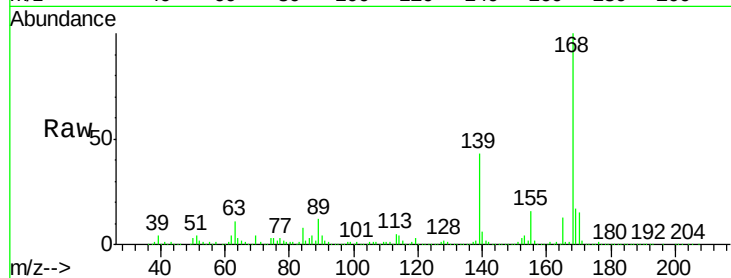




#54
Dibenzofuran
Concen: 54.78 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

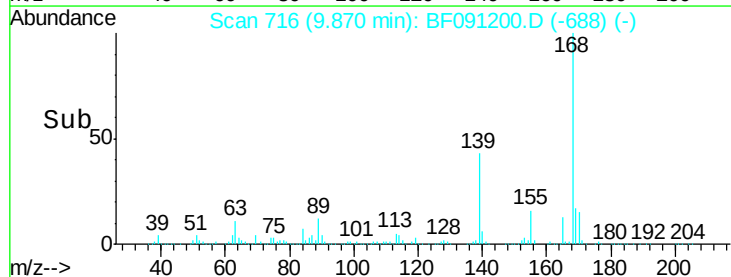
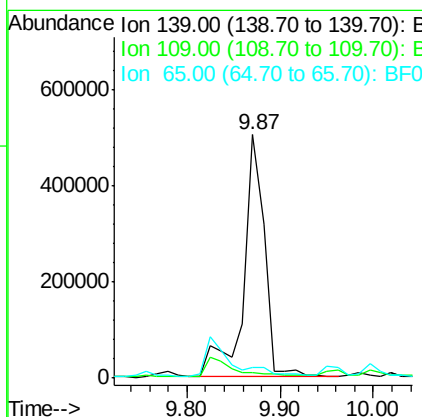
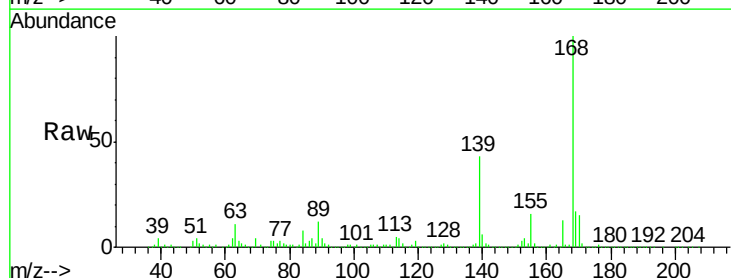
Instrument :
BNA_F
ClientSampleId :
C19023041MS

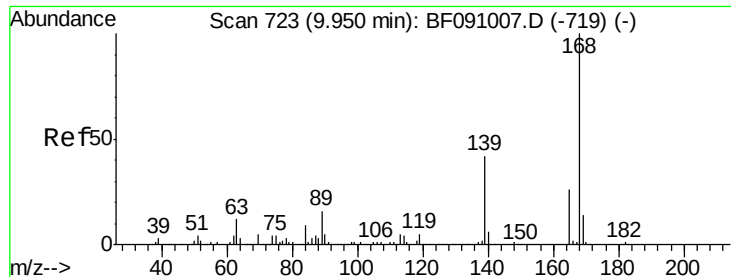
Tgt Ion:168 Resp: 1697934
Ion Ratio Lower Upper
168 100
139 42.5 34.8 52.2
169 16.6 11.4 17.2



#55
4-Nitrophenol
Concen: 159.99 ng
RT: 9.87 min Scan# 716
Delta R.T. 0.02 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Tgt Ion:139 Resp: 782826
Ion Ratio Lower Upper
139 100
109 2.1 50.5 90.5#
65 4.6 97.1 137.1#

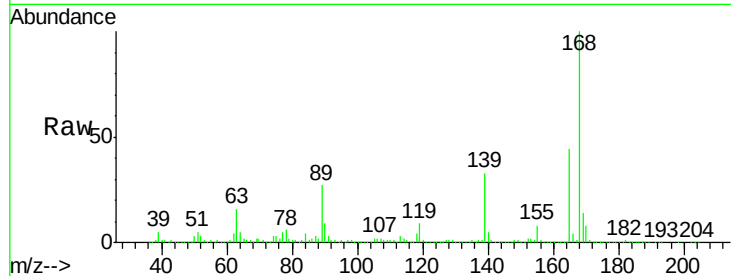




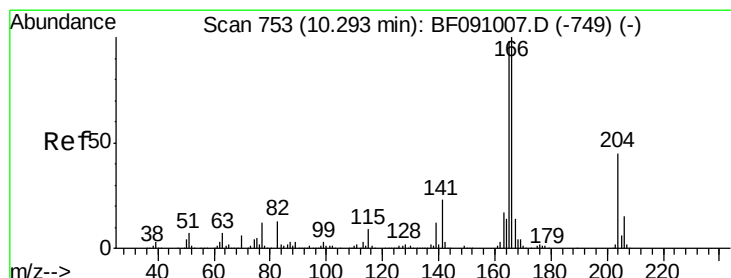
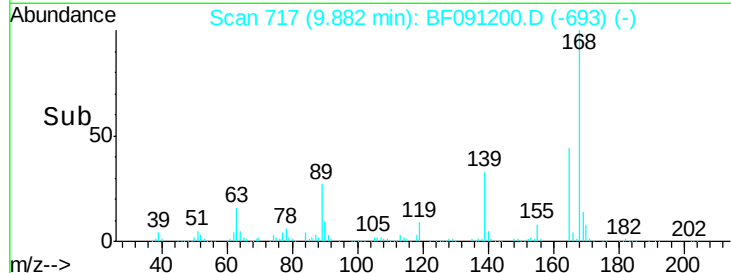
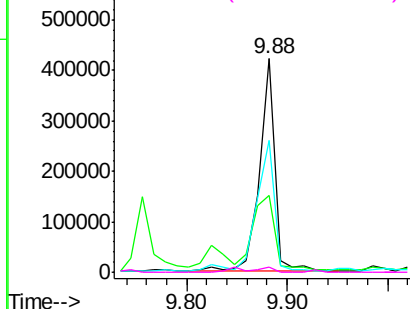
#56
2,4-Dinitrotoluene
Concen: 59.58 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

Instrument :
BNA_F
ClientSampleId :
C19023041MS

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

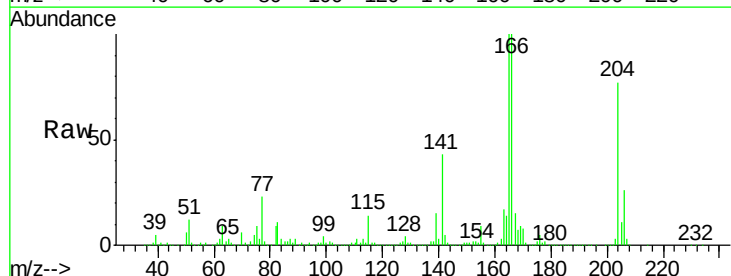


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

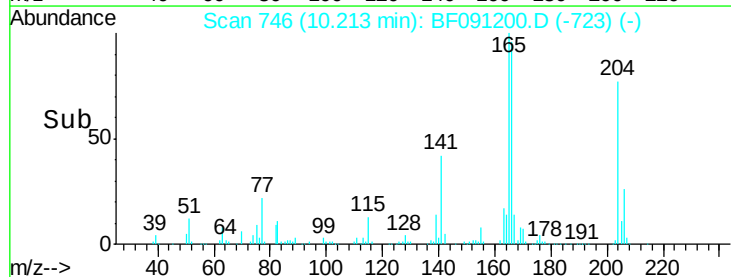
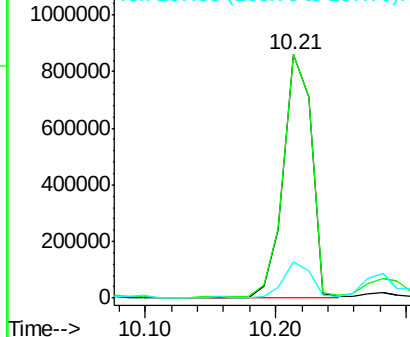


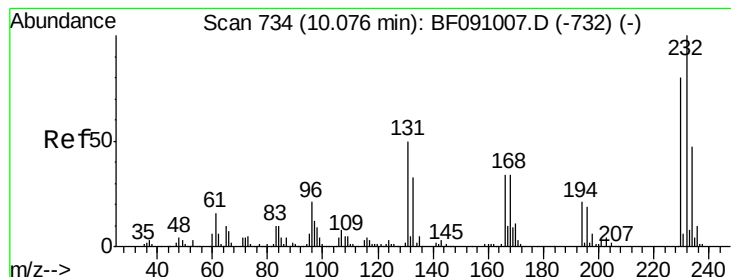
#57
Fluorene
Concen: 50.90 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

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. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

Tgt Ion:232 Resp: 348236

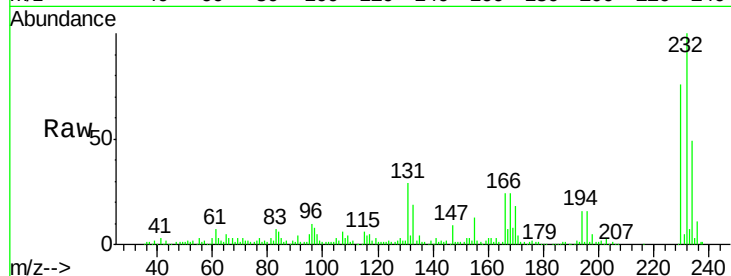
Ion Ratio Lower Upper

232 100

131 46.0 43.6 65.4

130 3.0 2.0 3.0

166 29.6 27.4 41.2

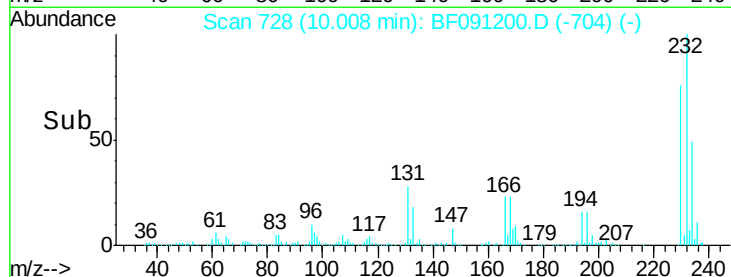


Abundance Ion 232.00 (231.70 to 232.70): E

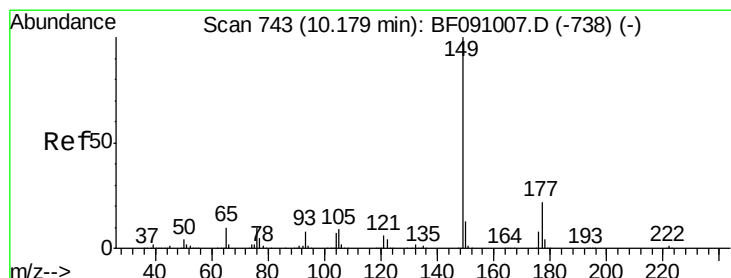
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

Diethylphthalate

Concen: 53.19 ng

RT: 10.11 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

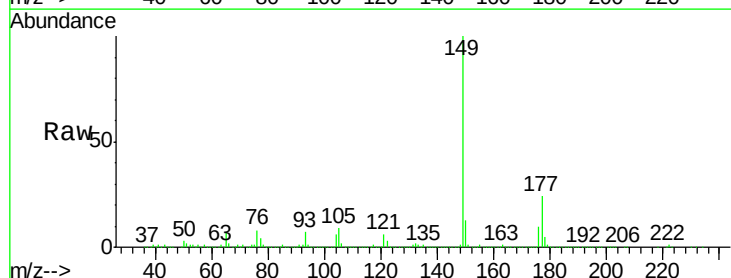
Tgt Ion:149 Resp: 1517849

Ion Ratio Lower Upper

149 100

177 23.6 17.3 25.9

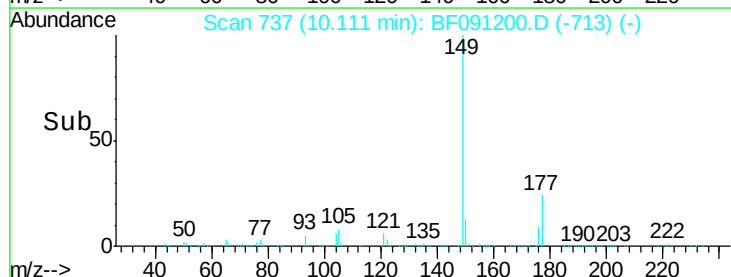
150 12.9 10.3 15.5



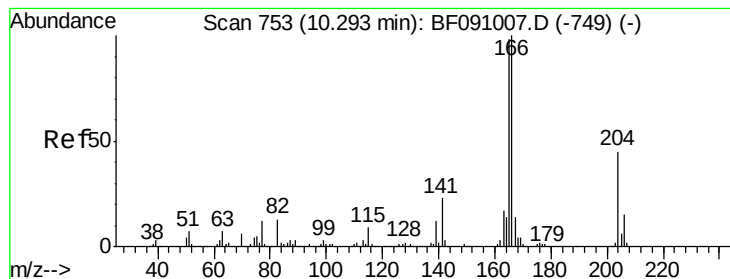
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 52.94 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

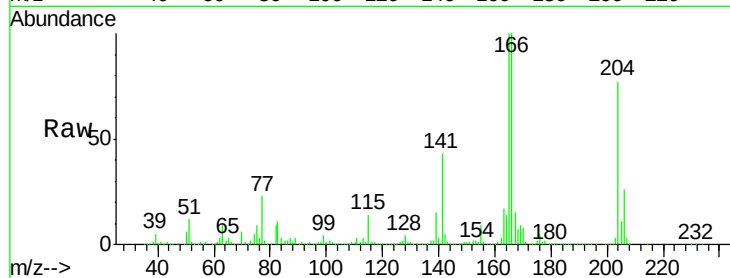
Tgt Ion:204 Resp: 610452

Ion Ratio Lower Upper

204 100

206 33.5 27.1 40.7

141 56.1 40.1 60.1

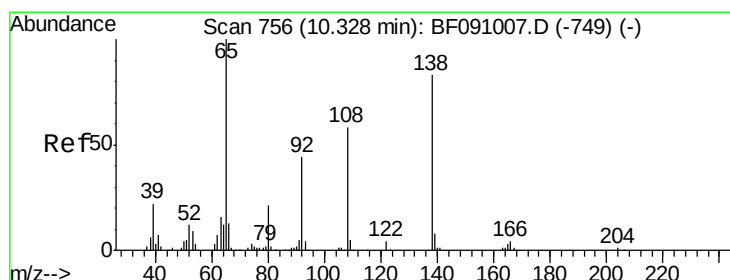
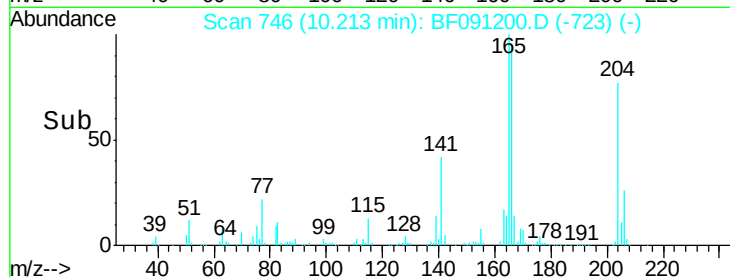


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time--> 10.10 10.20 10.30



#61

4-Nitroaniline

Concen: 40.75 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

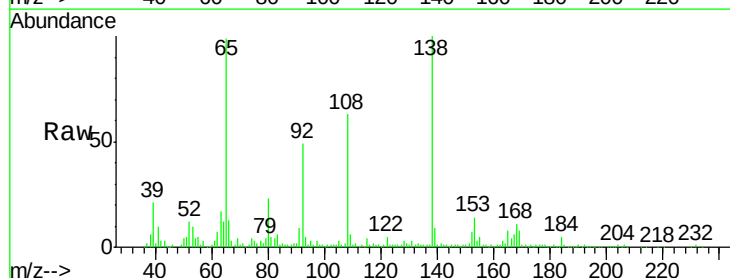
Tgt Ion:138 Resp: 291643

Ion Ratio Lower Upper

138 100

92 48.9 32.5 72.5

108 62.6 49.4 89.4

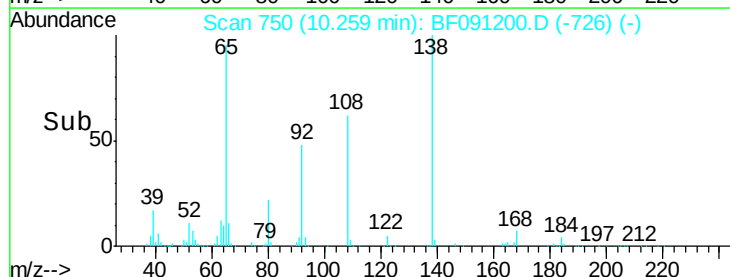


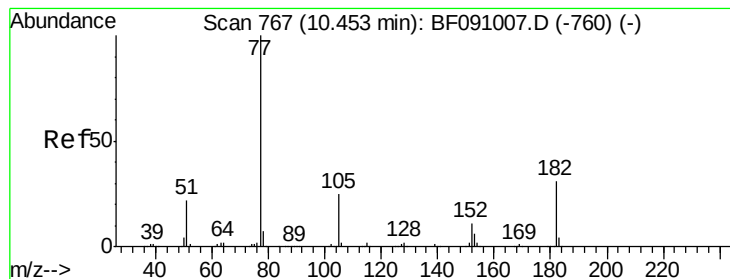
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time--> 10.00 10.20 10.40





#62

Azobenzene

Concen: 43.67 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

Tgt Ion: 77 Resp: 1467158

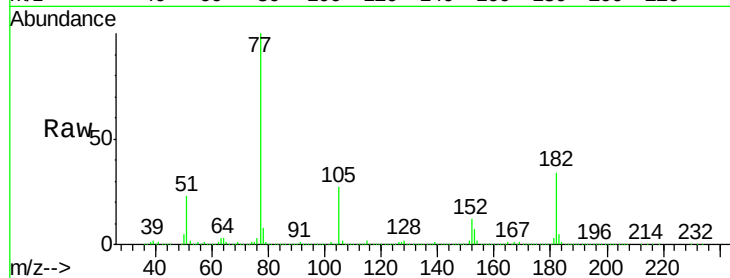
Ion Ratio Lower Upper

77 100

182 33.5 11.0 51.0

105 27.1 5.6 45.6

51 23.4 2.7 42.7

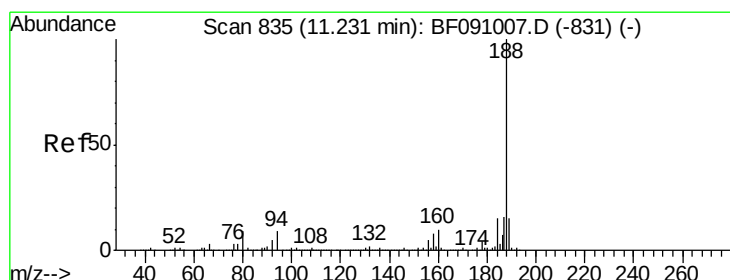
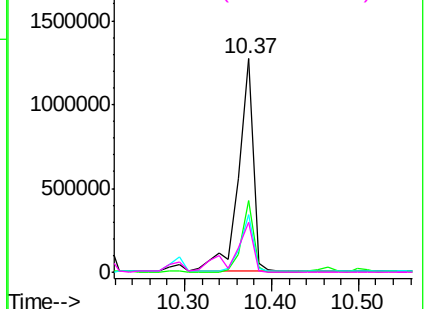
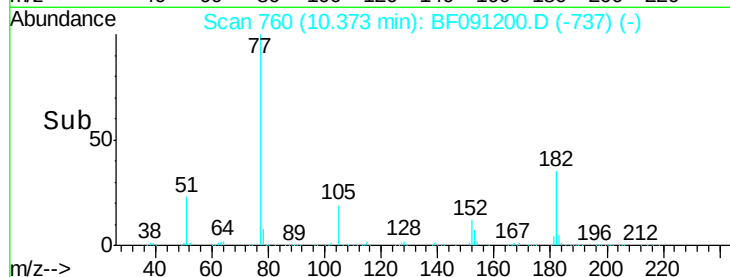


Abundance Ion 77.00 (76.70 to 77.70): BF0

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. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

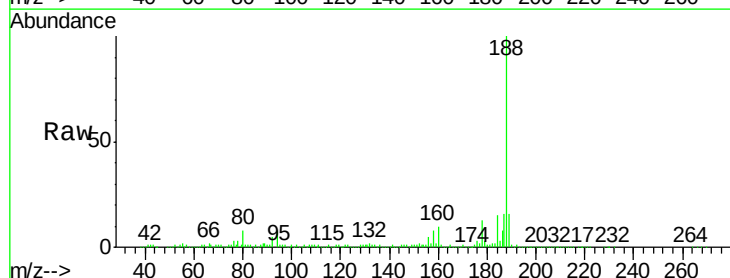
Tgt Ion: 188 Resp: 688881

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

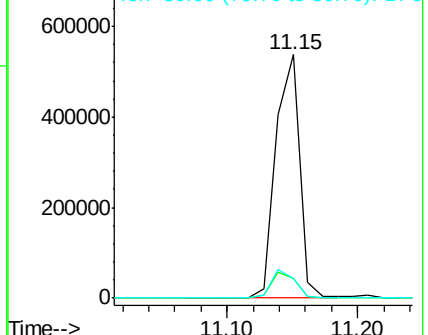
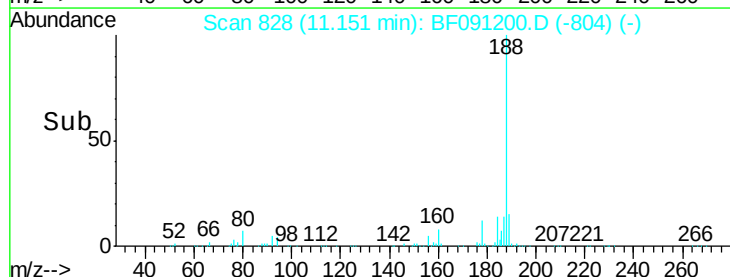
80 8.1 7.5 11.3

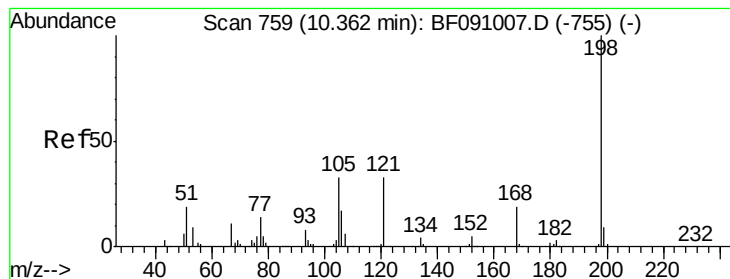


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

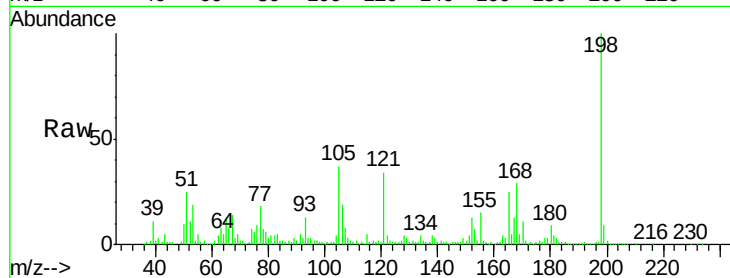
Tgt Ion:198 Resp: 238891

Ion Ratio Lower Upper

198 100

51 24.9 5.9 45.9

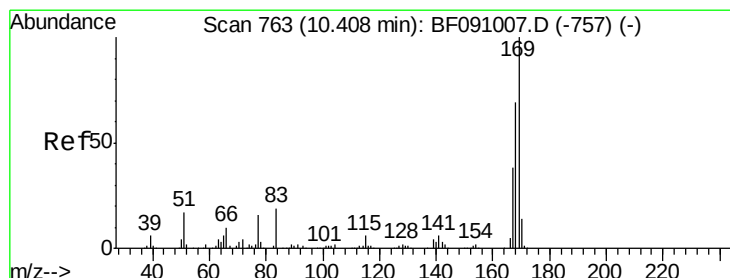
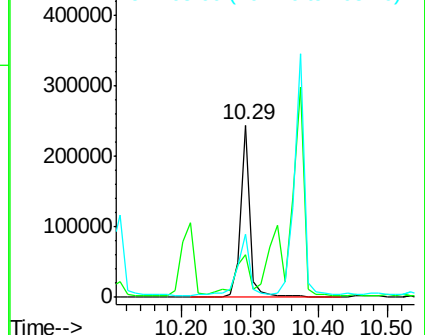
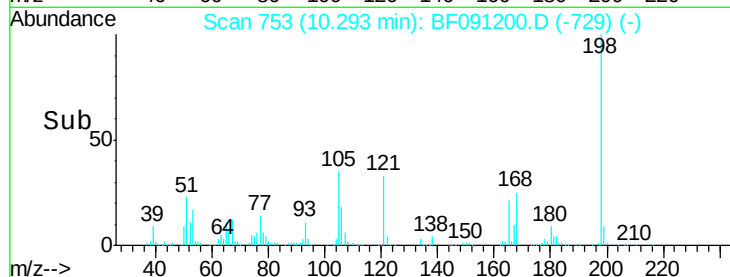
105 36.6 13.8 53.8



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: 57.41 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

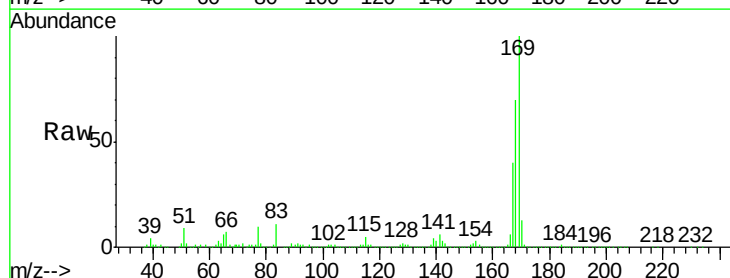
Tgt Ion:169 Resp: 1256987

Ion Ratio Lower Upper

169 100

168 70.2 55.3 82.9

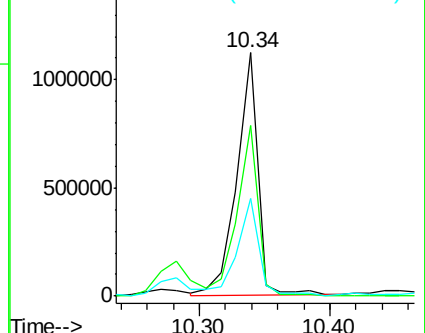
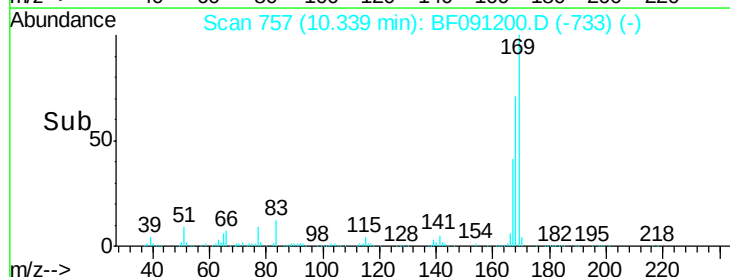
167 40.2 30.3 45.5

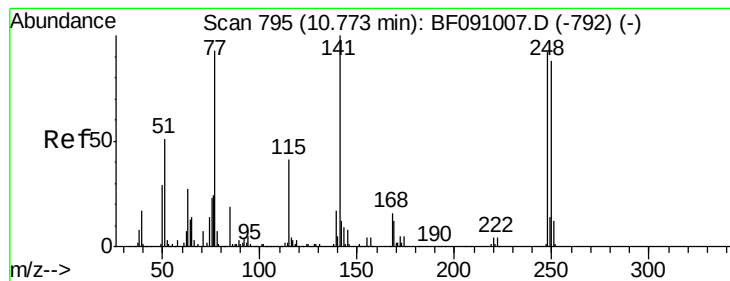


Abundance Ion 169.00 (168.70 to 169.70): E

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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

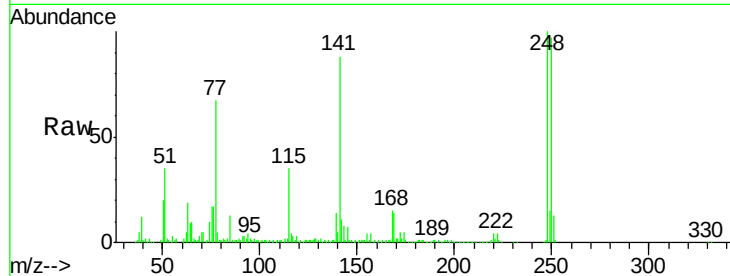
Tgt Ion:248 Resp: 426765

Ion Ratio Lower Upper

248 100

250 97.2 76.3 114.5

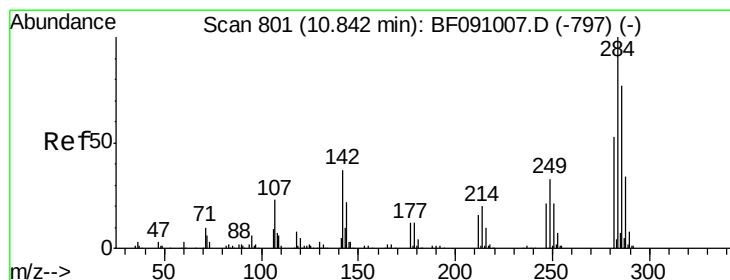
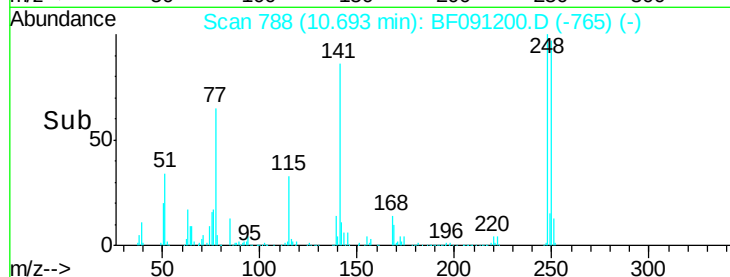
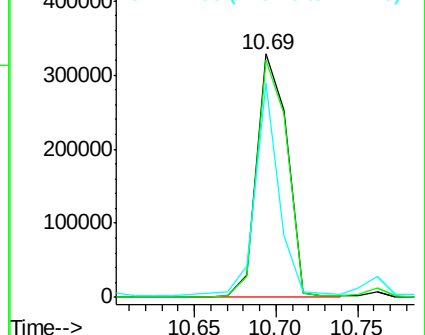
141 87.9 86.8 130.2



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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

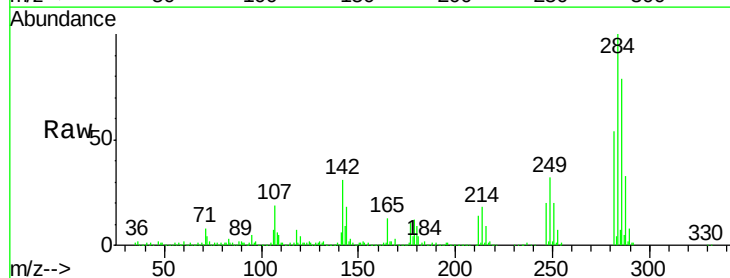
Tgt Ion:284 Resp: 467753

Ion Ratio Lower Upper

284 100

142 31.1 29.9 44.9

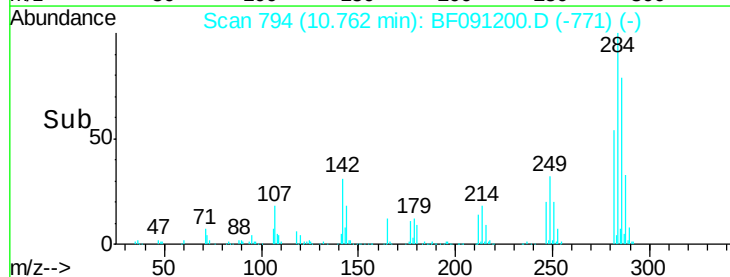
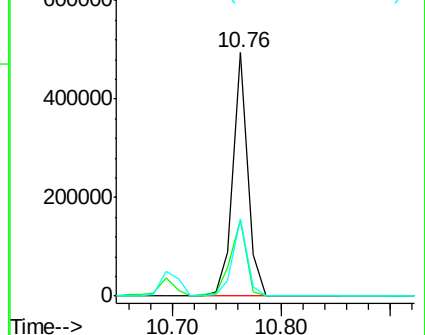
249 31.9 26.6 39.8

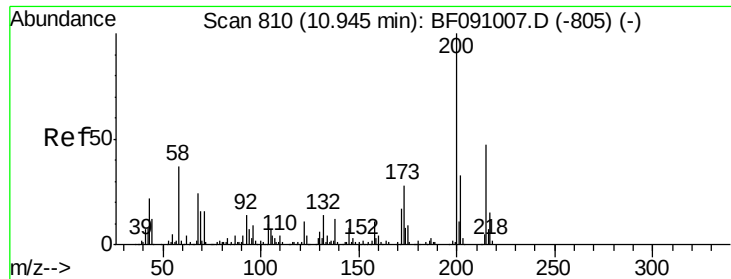


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

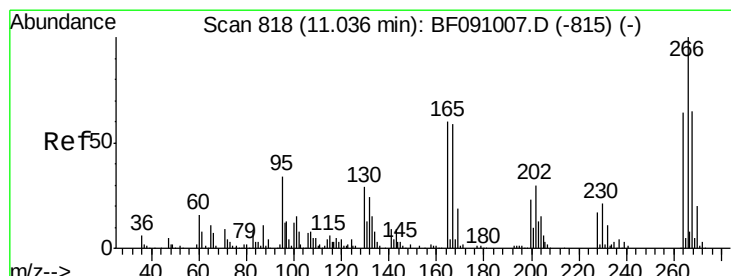
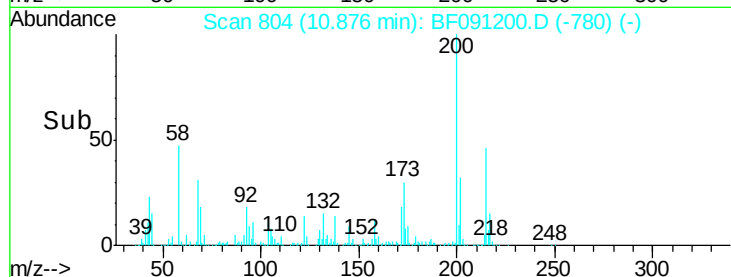
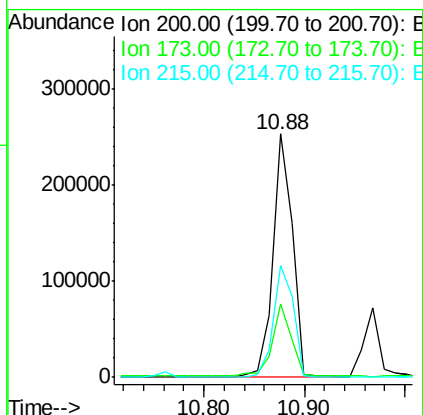
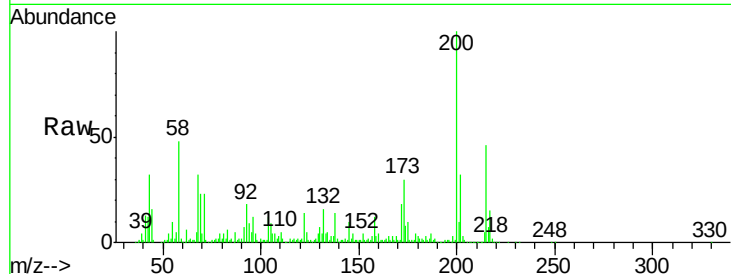




#68
Atrazine
Concen: 53.96 ng
RT: 10.88 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

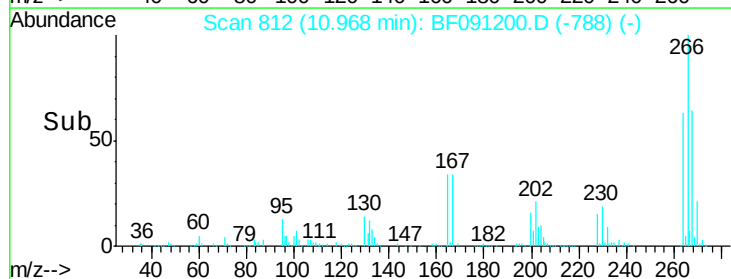
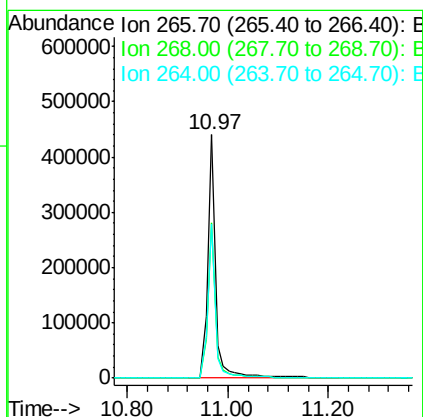
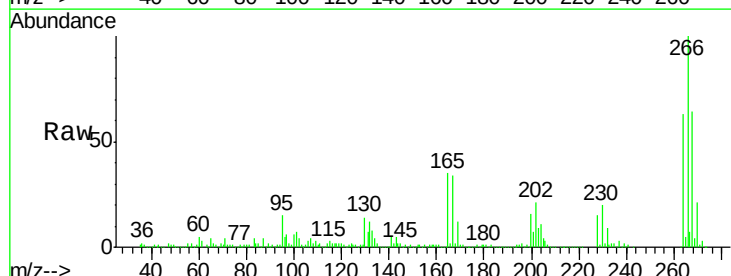
Instrument :
BNA_F
ClientSampleId :
C19023041MS

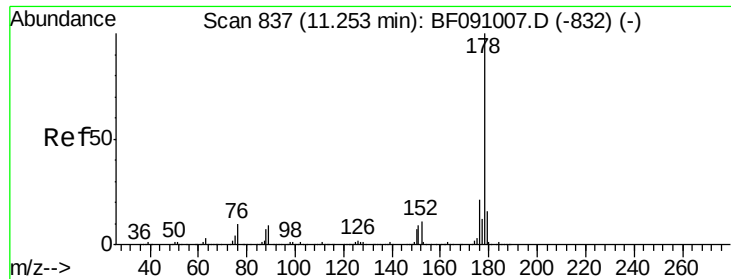
Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.0	8.1	48.1
215	46.2	27.3	67.3



#69
Pentachlorophenol
Concen: 138.98 ng
RT: 10.97 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

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

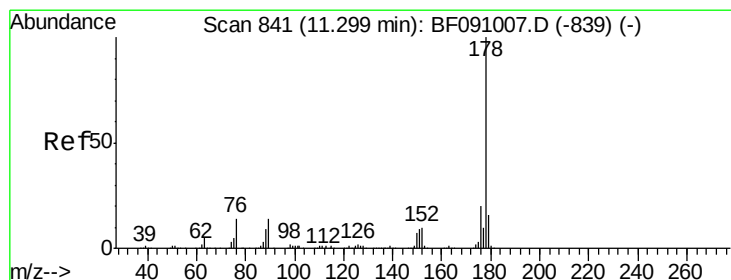
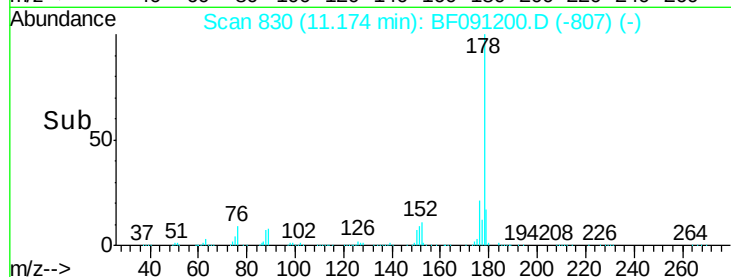
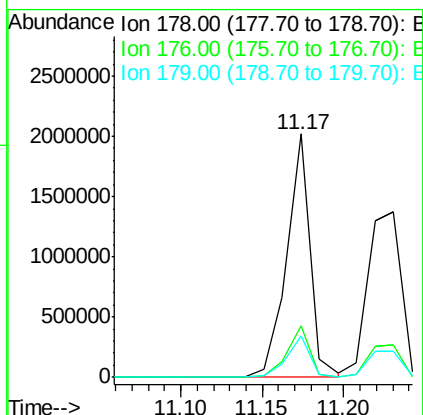
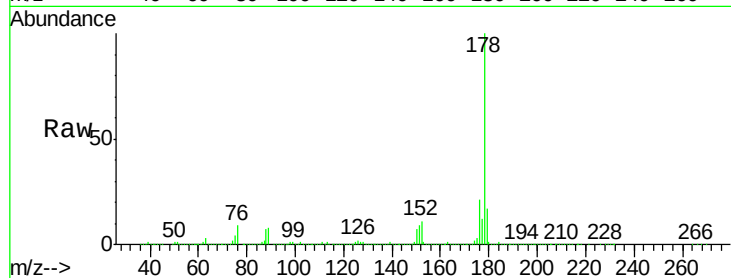




#70
Phenanthrene
Concen: 54.92 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

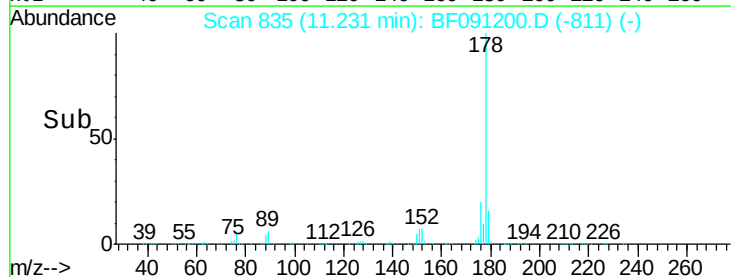
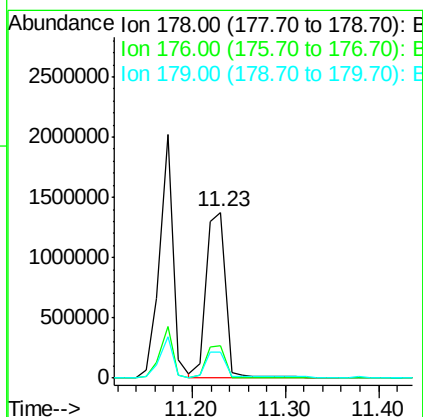
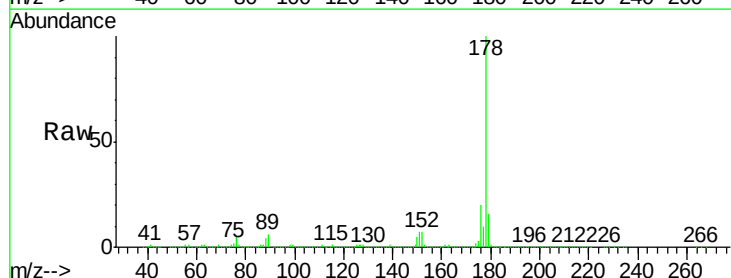
Instrument :
BNA_F
ClientSampleId :
C19023041MS

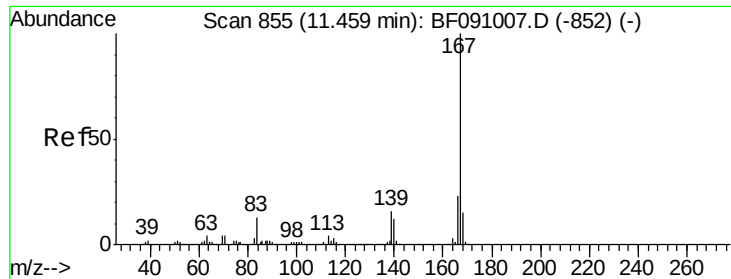
Tgt Ion:178 Resp: 2011320
Ion Ratio Lower Upper
178 100
176 21.4 16.6 25.0
179 16.8 12.9 19.3



#71
Anthracene
Concen: 51.38 ng
RT: 11.23 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

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





#72

Carbazole

Concen: 53.20 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

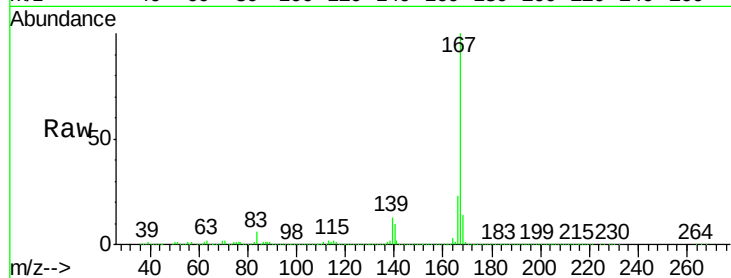
Tgt Ion:167 Resp: 1866455

Ion Ratio Lower Upper

167 100

166 22.7 18.0 27.0

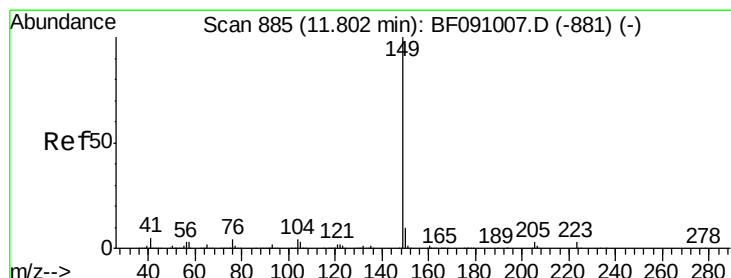
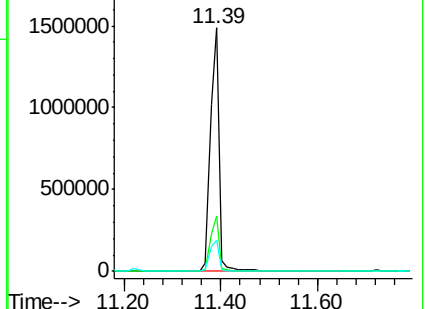
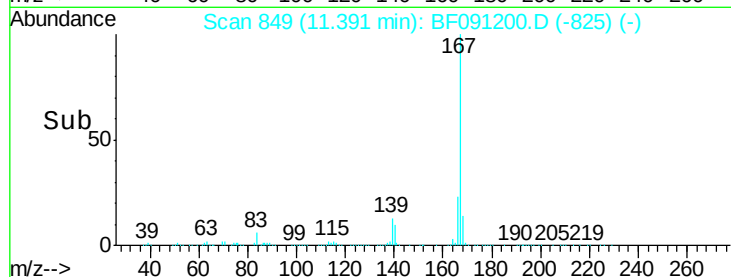
139 12.9 12.6 18.8



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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

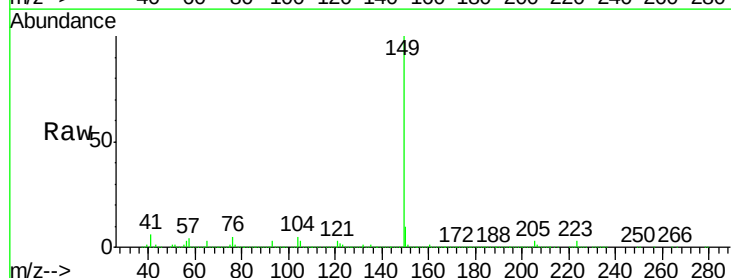
Tgt Ion:149 Resp: 1990608

Ion Ratio Lower Upper

149 100

150 10.3 7.7 11.5

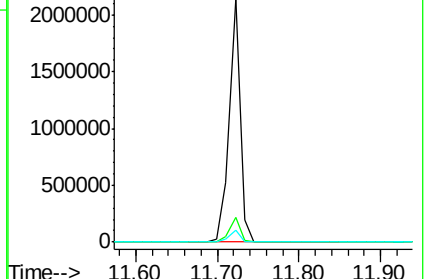
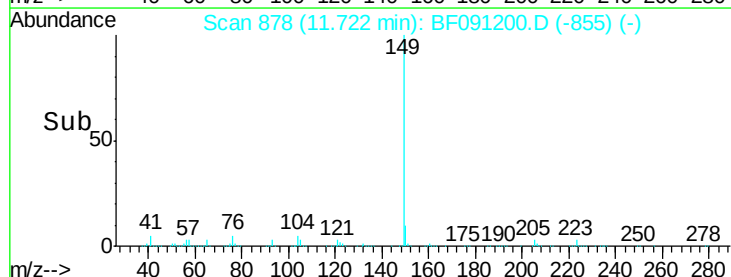
104 5.0 3.6 5.4

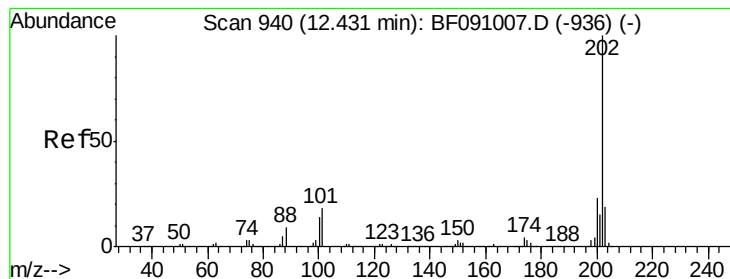


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

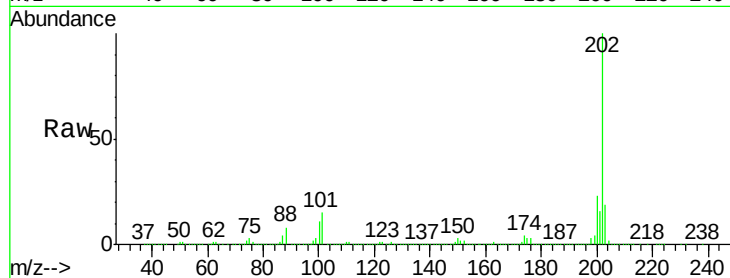
Tgt Ion:202 Resp: 2038658

Ion Ratio Lower Upper

202 100

101 15.4 0.0 37.6

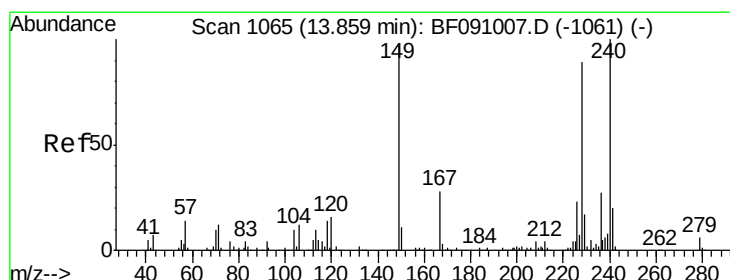
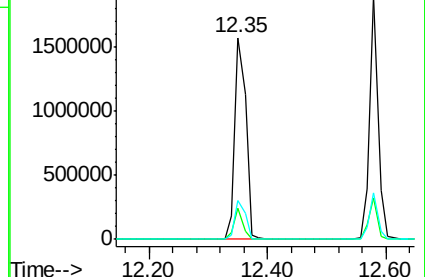
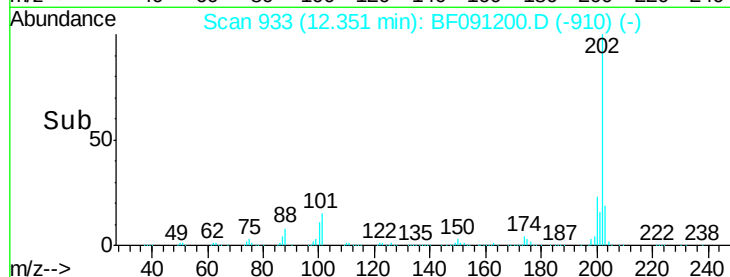
203 19.0 0.0 38.6



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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

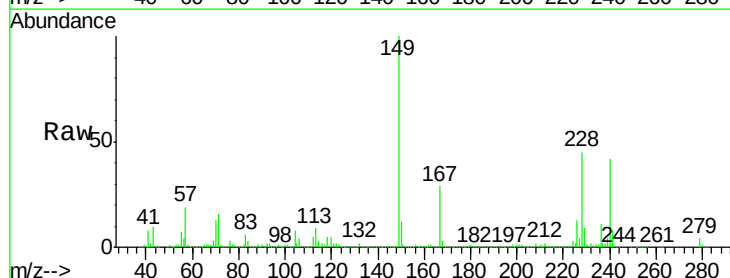
Tgt Ion:240 Resp: 504250

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

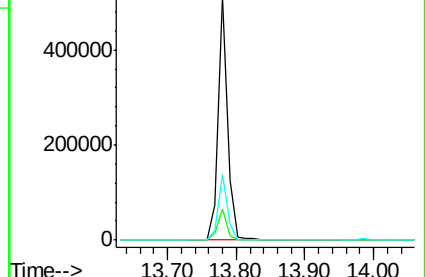
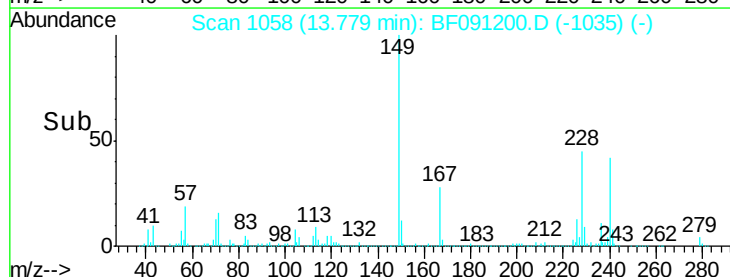
236 27.0 21.9 32.9

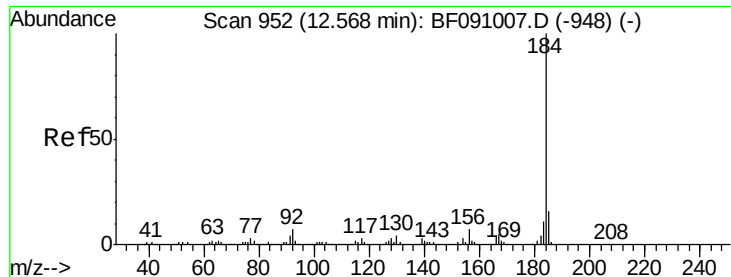


Abundance Ion 240.00 (239.70 to 240.70): E

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. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

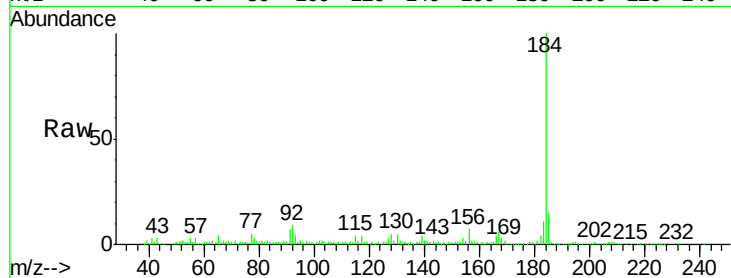
Tgt Ion:184 Resp: 262117

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.4

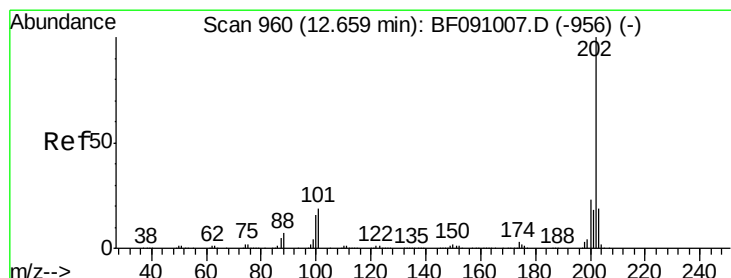
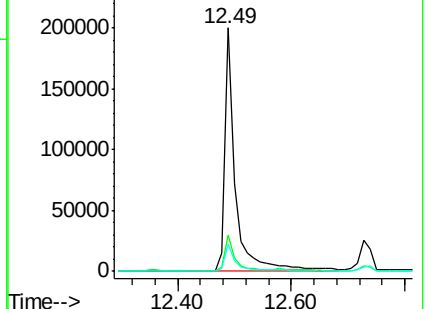
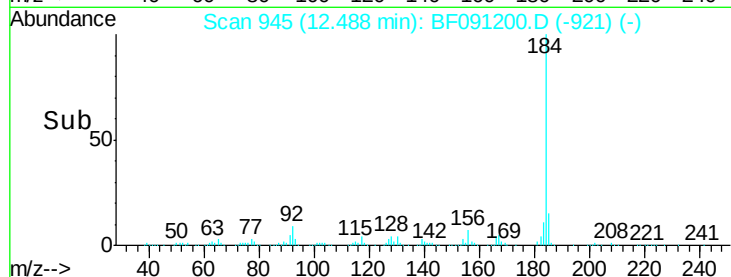
183 11.3 8.7 13.1



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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

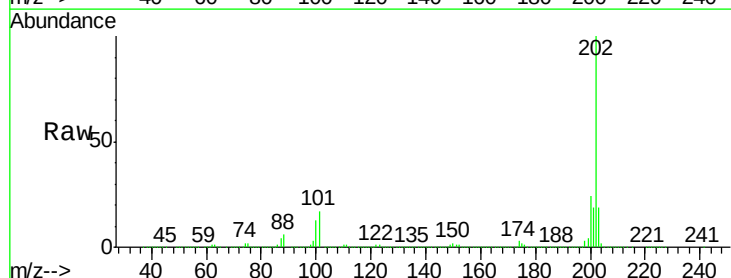
Tgt Ion:202 Resp: 1872994

Ion Ratio Lower Upper

202 100

200 23.9 18.4 27.6

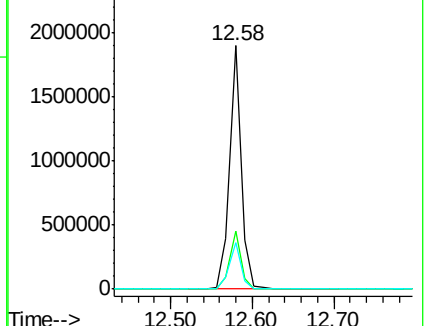
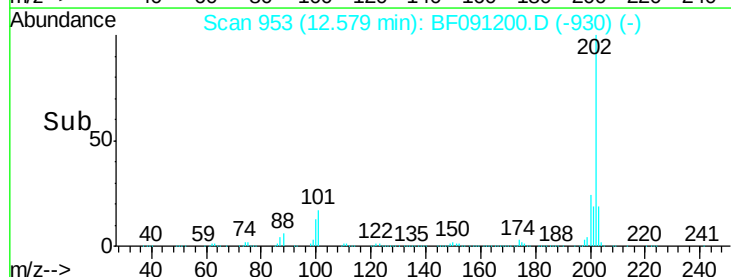
203 19.2 15.0 22.6

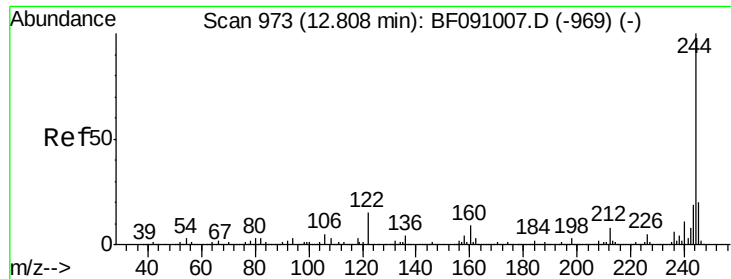


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

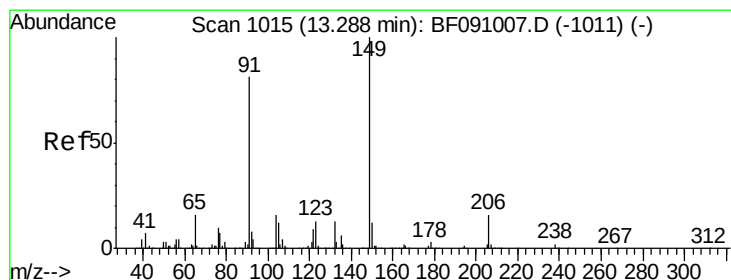
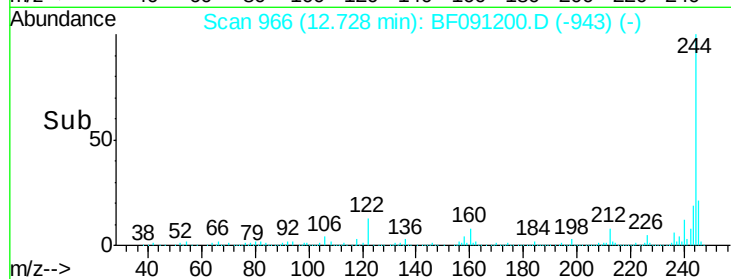
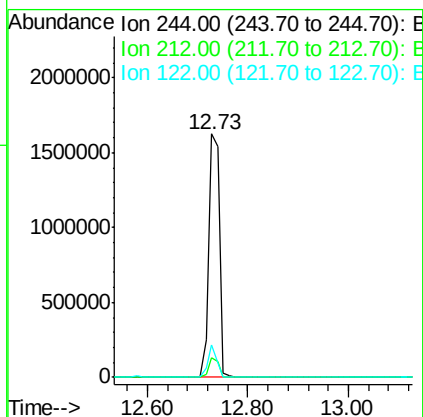
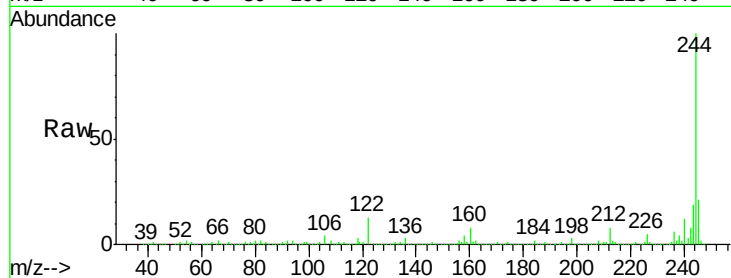




#78
 Terphenyl-d14
 Concen: 118.98 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

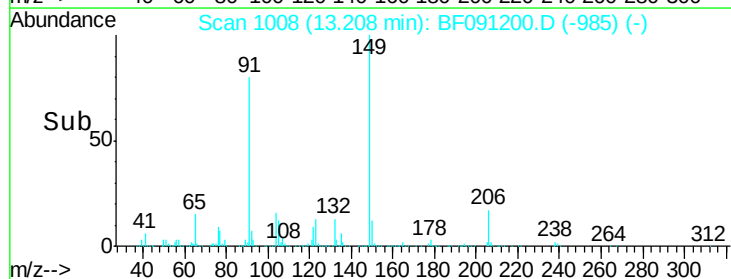
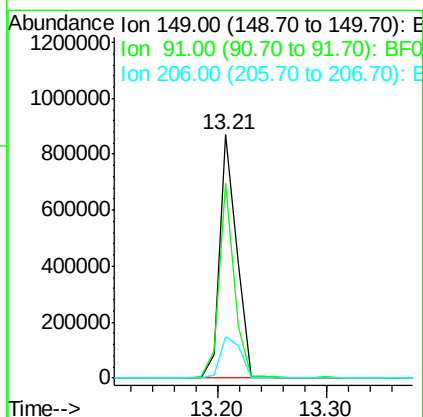
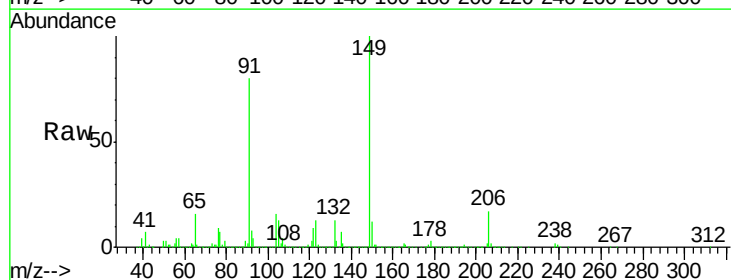
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

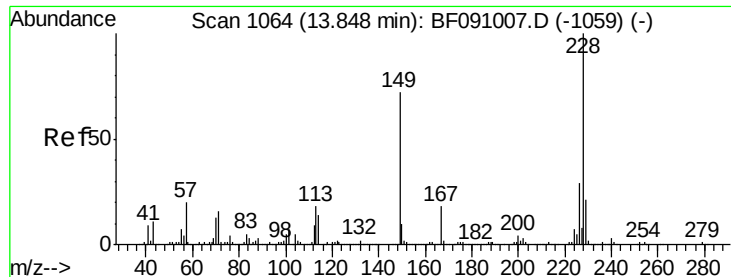
Tgt Ion:244 Resp: 2404295
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 13.4 12.3 18.5



#79
 Butylbenzylphthalate
 Concen: 59.85 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BF091200.D
 Acq: 16 Nov 2016 20:49

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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

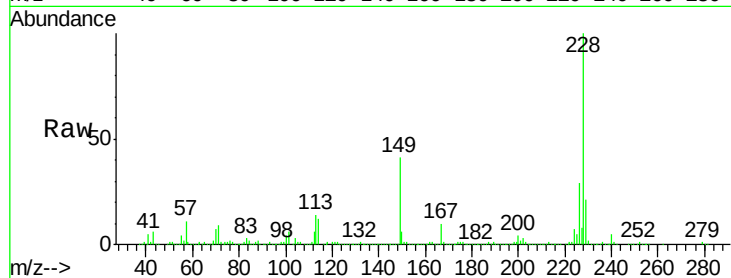
Tgt Ion:228 Resp: 1658969

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.6

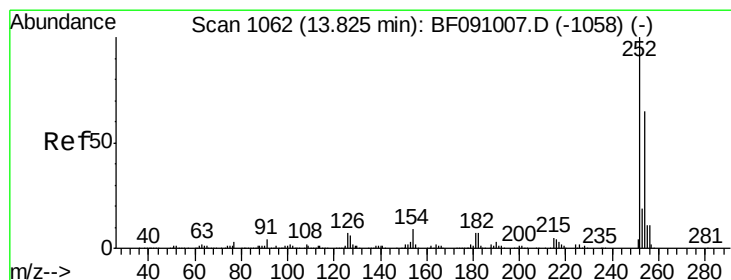
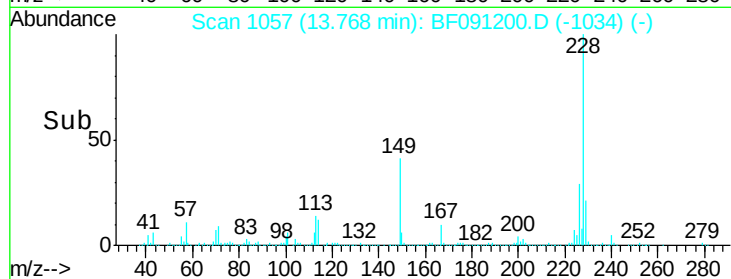
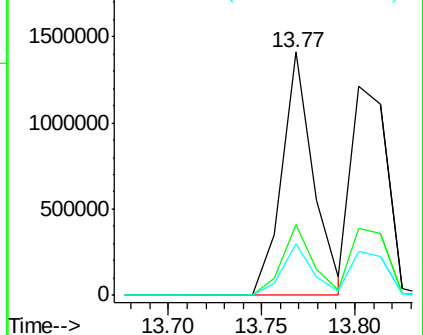
229 21.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 32.21 ng

RT: 13.73 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

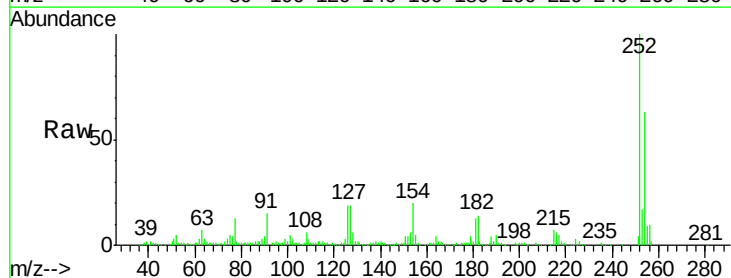
Tgt Ion:252 Resp: 323996

Ion Ratio Lower Upper

252 100

254 63.2 52.0 78.0

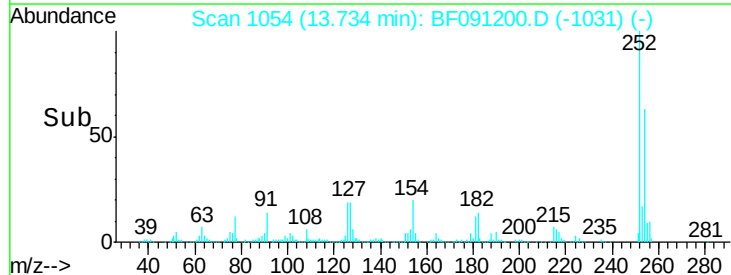
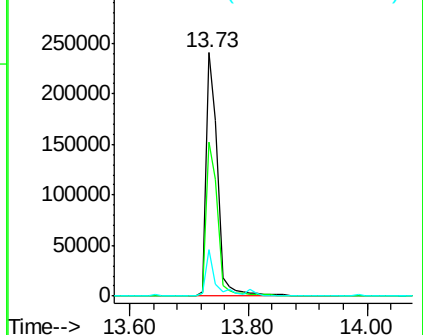
126 18.9 5.4 8.2#

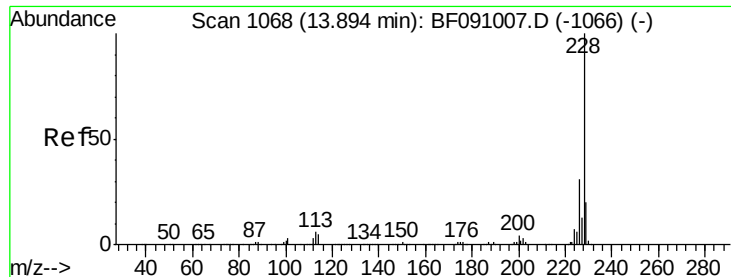


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 58.48 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

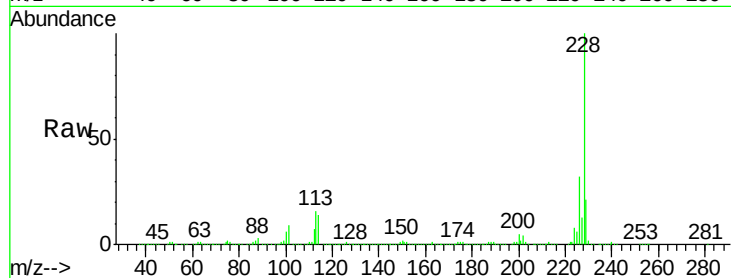
Tgt Ion:228 Resp: 1650994

Ion Ratio Lower Upper

228 100

226 32.1 24.9 37.3

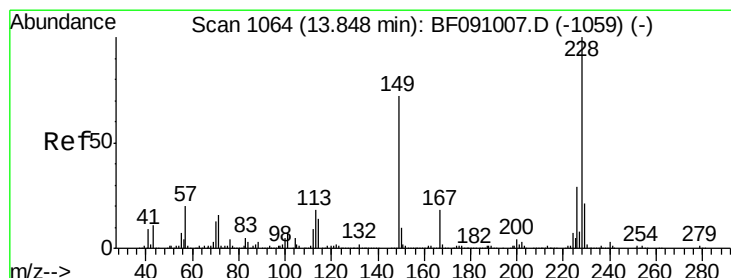
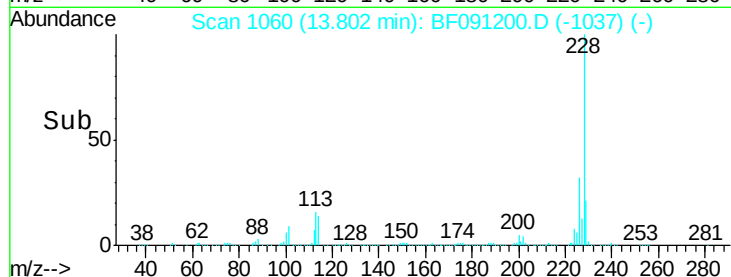
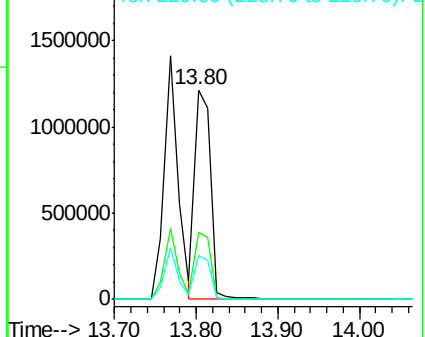
229 20.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 59.85 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

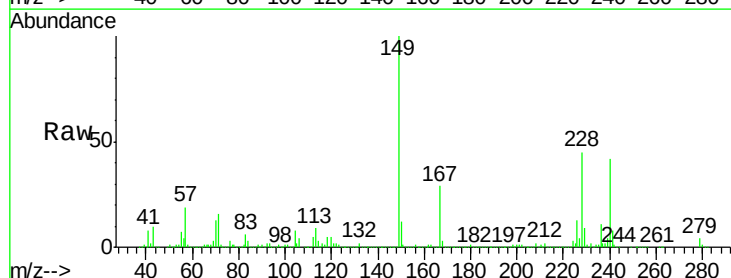
Tgt Ion:149 Resp: 1279432

Ion Ratio Lower Upper

149 100

167 28.5 20.4 30.6

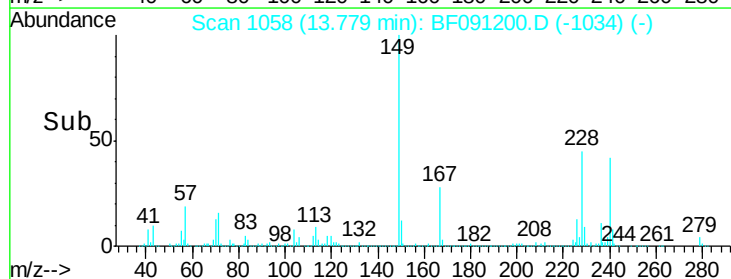
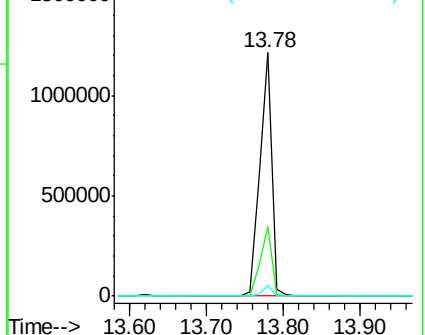
279 4.4 1.6 2.4#

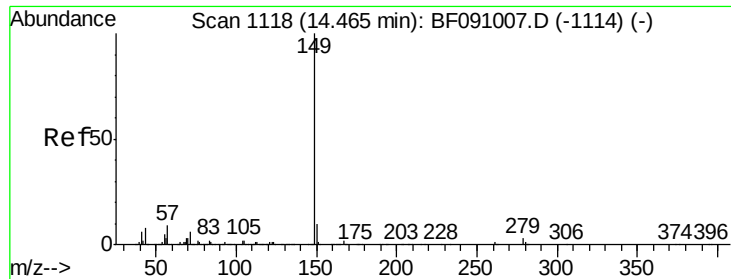


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 59.00 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

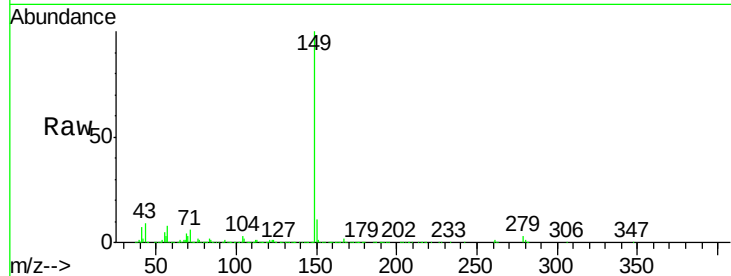
Tgt Ion:149 Resp: 2073543

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

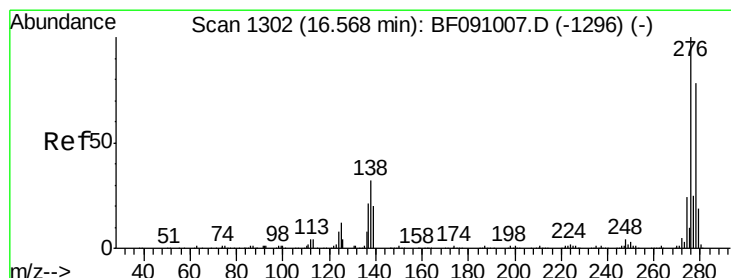
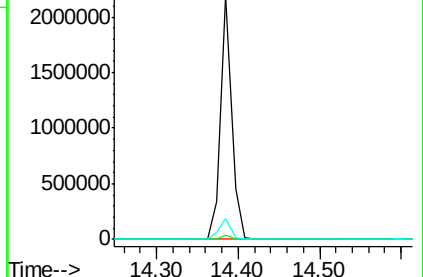
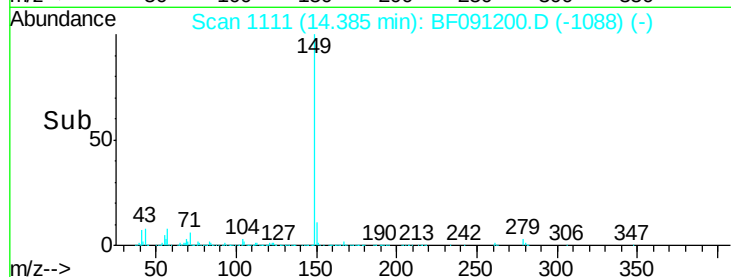
43 8.8 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 55.83 ng

RT: 16.42 min Scan# 1289

Delta R.T. -0.06 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

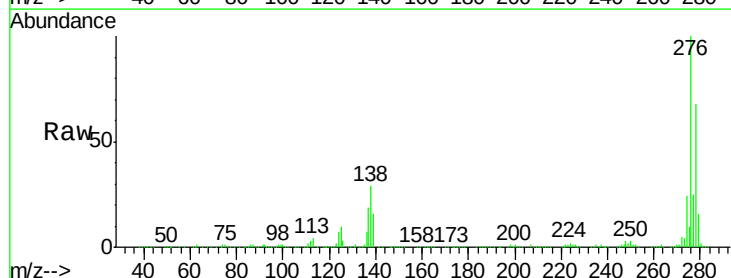
Tgt Ion:276 Resp: 1307694

Ion Ratio Lower Upper

276 100

138 29.3 26.0 39.0

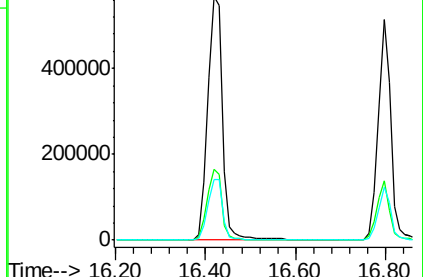
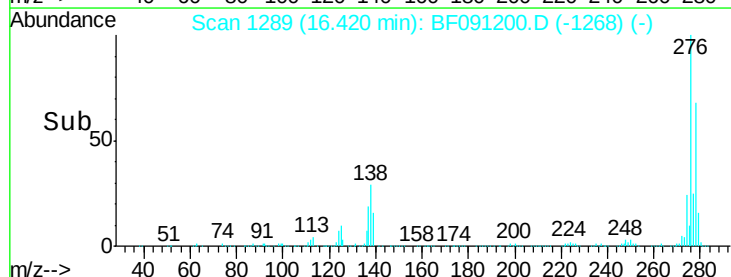
277 25.1 20.1 30.1

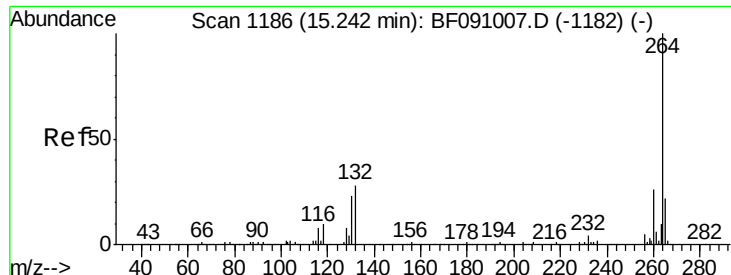


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

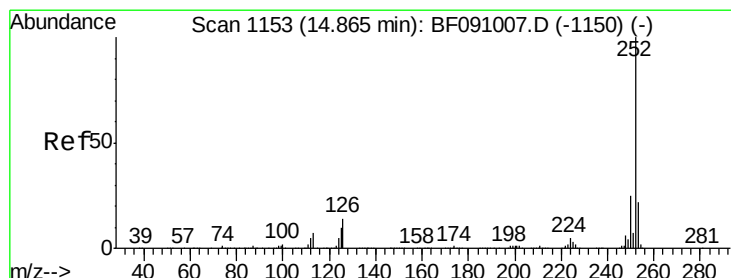
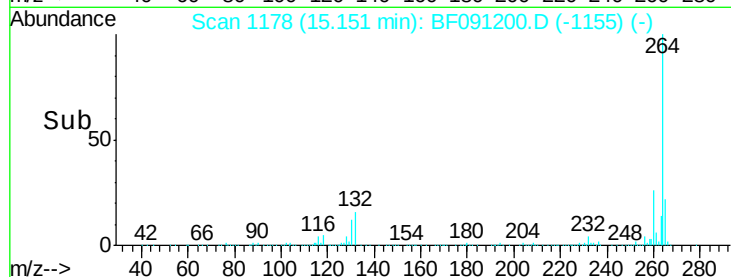
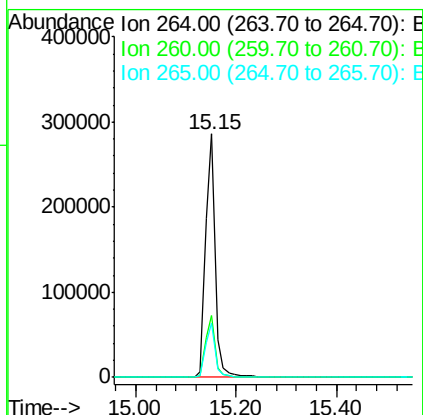
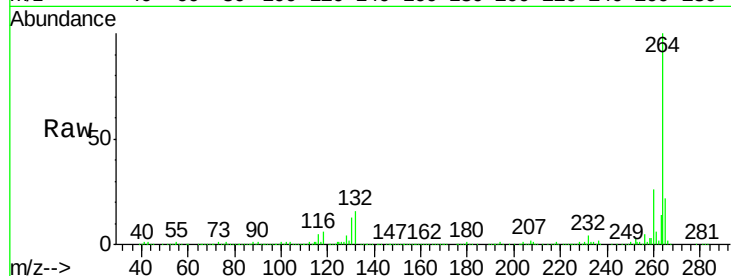




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091200.D
Acq: 16 Nov 2016 20:49

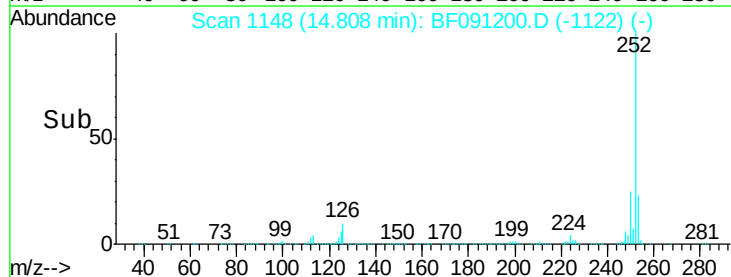
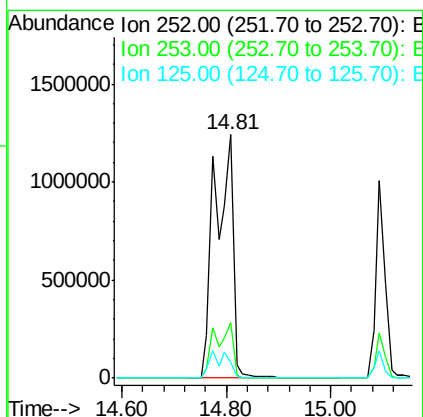
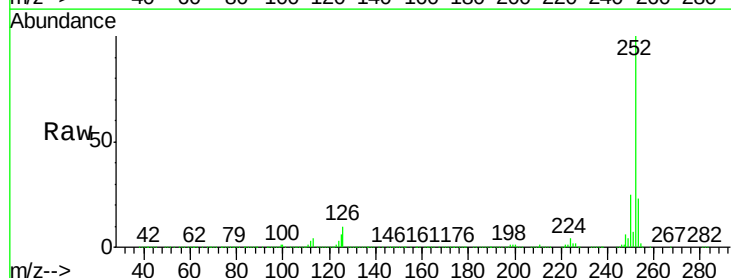
Instrument :
BNA_F
ClientSampleId :
C19023041MS

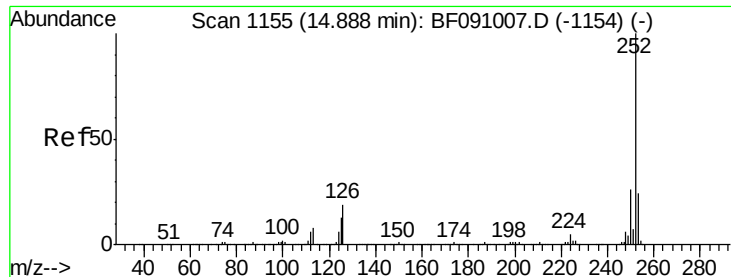
Tgt Ion: 264 Resp: 383862
Ion Ratio Lower Upper
264 100
260 25.6 20.6 30.8
265 22.1 17.8 26.8



#87
Benzo(b)fluoranthene
Concen: 114.43 ng
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: 2979320
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 6.5 8.3 12.5#





#88

Benzo(k)fluoranthene

Concen: 130.59 ng

RT: 14.81 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

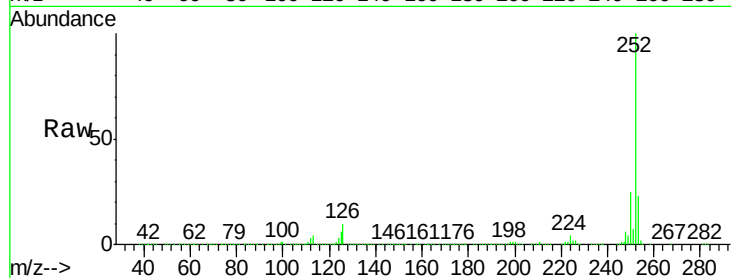
Tgt Ion:252 Resp: 2982468

Ion Ratio Lower Upper

252 100

253 22.6 18.6 28.0

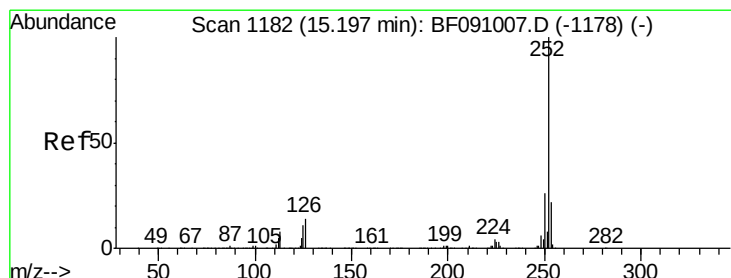
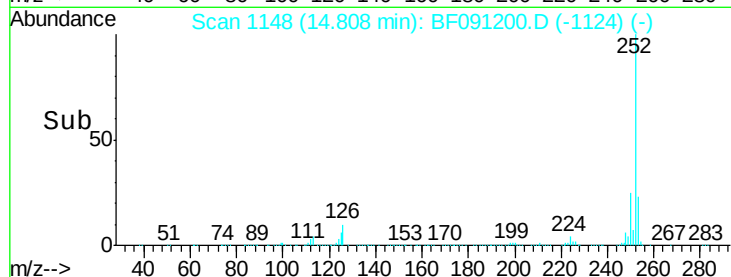
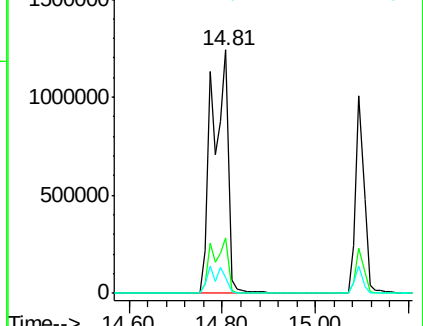
125 6.5 11.2 16.8#



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. -0.03 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

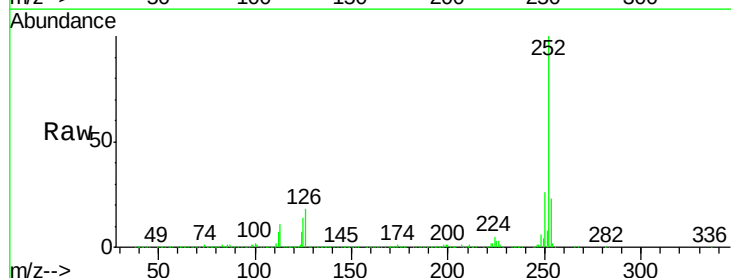
Tgt Ion:252 Resp: 1249242

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

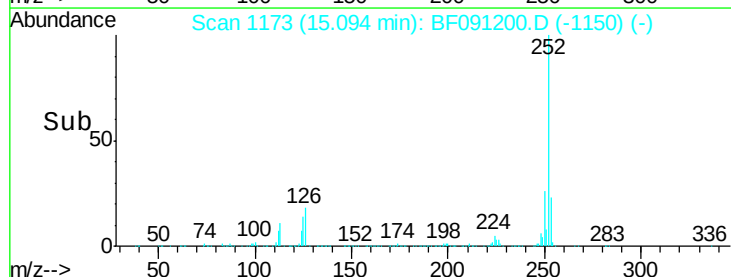
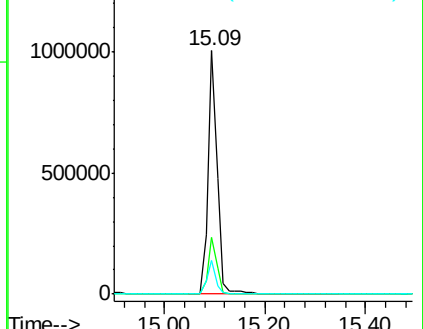
125 14.1 8.6 13.0#

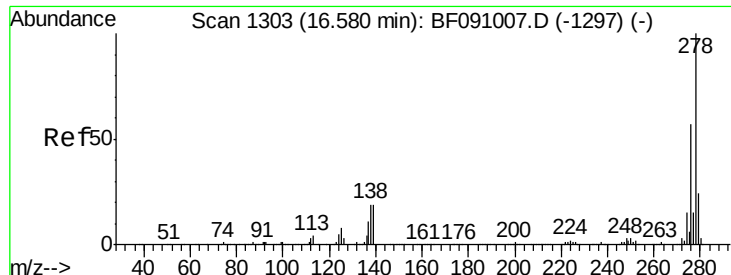


Abundance Ion 252.00 (251.70 to 252.70): E

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. -0.06 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

Instrument :

BNA_F

ClientSampleId :

C19023041MS

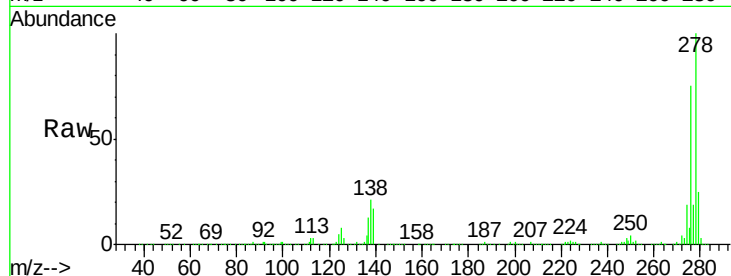
Tgt Ion:278 Resp: 1103684

Ion Ratio Lower Upper

278 100

139 17.3 15.3 22.9

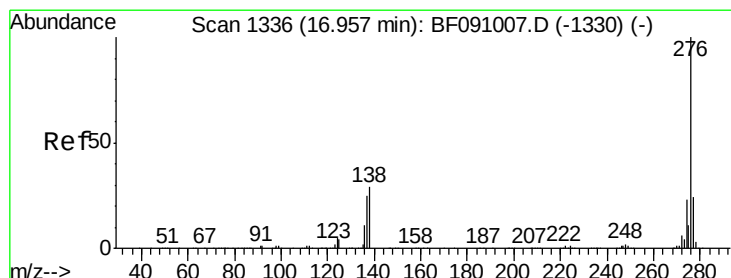
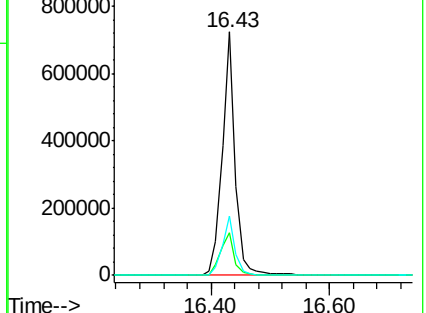
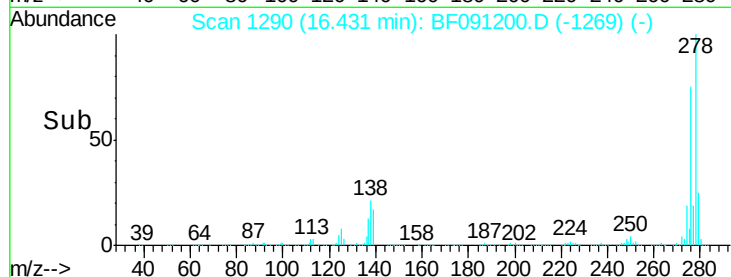
279 24.5 19.3 28.9



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: 57.07 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.06 min

Lab File: BF091200.D

Acq: 16 Nov 2016 20:49

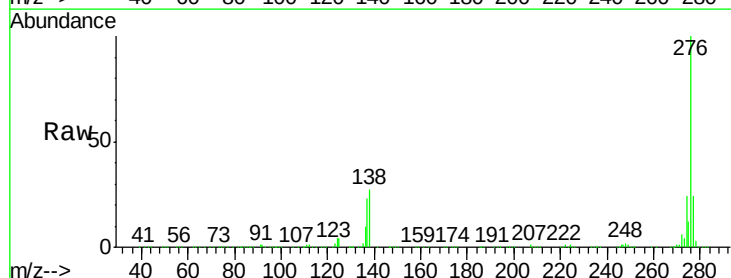
Tgt Ion:276 Resp: 1011299

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

