

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110316\
 Data File : BF091011.D
 Acq On : 3 Nov 2016 21:35
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Quant Time: Nov 22 06:39:13 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	6.70	152	180356	20.00	ng	0.05
21) Naphthalene-d8	8.00	136	792261	20.00	ng	0.05
38) Acenaphthene-d10	9.74	164	395685	20.00	ng	0.05
63) Phenanthrene-d10	11.23	188	638459	20.00	ng	0.06
75) Chrysene-d12	13.86	240	563056	20.00	ng	0.05
86) Perylene-d12	15.24	264	439732	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	868428	79.52	ng	0.05
7) Phenol-d6	6.35	99	1176318	79.36	ng	0.03
23) Nitrobenzene-d5	7.28	82	1059273	72.94	ng	0.03
41) 2,4,6-Tribromophenol	10.53	330	275464	77.00	ng	0.05
44) 2-Fluorobiphenyl	9.07	172	1821573	79.26	ng	0.03
78) Terphenyl-d14	12.81	244	1770976	78.49	ng	0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	238612	38.20	ng	97
3) Pyridine	2.88	79	582255	39.84	ng	98
4) n-Nitrosodimethylamine	2.84	42	227164	39.30	ng	90
6) Aniline	6.37	93	711418	40.69	ng	98
8) 2-Chlorophenol	6.49	128	509804	39.14	ng	97
9) Benzaldehyde	6.25	77	324996	39.50	ng	99
10) Phenol	6.36	94	615451	37.52	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	540857	39.13	ng	98
12) 1,3-Dichlorobenzene	6.65	146	537204	40.78	ng	99
13) 1,4-Dichlorobenzene	6.73	146	541959	38.34	ng	99
14) 1,2-Dichlorobenzene	6.88	146	536631	41.37	ng	100
15) Benzyl Alcohol	6.85	79	410150	39.23	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	711617	35.95	ng	100
17) 2-Methylphenol	6.98	107	429564	41.66	ng	99
18) Hexachloroethane	7.22	117	223824	40.91	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	394638	38.42	ng	100
20) 3+4-Methylphenols	7.14	107	533419	43.08	ng	99
22) Acetophenone	7.13	105	726148	39.81	ng	99
24) Nitrobenzene	7.30	77	659402	41.11	ng	97
25) Isophorone	7.54	82	1032456	36.89	ng	100
26) 2-Nitrophenol	7.62	139	262570	38.68	ng	# 66
27) 2,4-Dimethylphenol	7.66	122	454596	40.50	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	639702	41.84	ng	100
29) 2,4-Dichlorophenol	7.86	162	405470	41.39	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	447261	40.60	ng	99
31) Naphthalene	8.02	128	1529306	40.36	ng	100
32) Benzoic acid	7.81	122	321628	37.92	ng	98
33) 4-Chloroaniline	8.08	127	623840	39.59	ng	99
34) Hexachlorobutadiene	8.13	225	228390	38.41	ng	98
35) Caprolactam	8.45	113	116962	38.00	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	475531	40.09	ng	100
37) 2-Methylnaphthalene	8.70	142	890365	36.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	446073	44.22	ng	99
40) Hexachlorocyclopentadiene	8.86	237	134449	38.28	ng	99

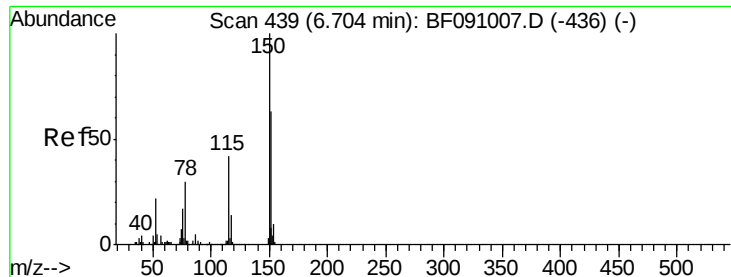
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	278267	42.73	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	289999	42.41	ng	96
45) 1,1'-Biphenyl	9.17	154	1187913	41.11	ng	99
46) 2-Chloronaphthalene	9.20	162	909116	41.44	ng	100
47) 2-Nitroaniline	9.30	65	350277	43.03	ng	98
48) Acenaphthylene	9.61	152	1367153	39.99	ng	100
49) Dimethylphthalate	9.48	163	1017242	39.21	ng	99
50) 2,6-Dinitrotoluene	9.54	165	208161	37.44	ng	95
51) Acenaphthene	9.78	154	795175	37.05	ng	99
52) 3-Nitroaniline	9.71	138	257935	39.12	ng	99
53) 2,4-Dinitrophenol	9.82	184	103140	37.65	ng	96
54) Dibenzofuran	9.95	168	1110717	38.45	ng	99
55) 4-Nitrophenol	9.88	139	156985	38.92	ng	95
56) 2,4-Dinitrotoluene	9.95	165	317404	44.86	ng	99
57) Fluorene	10.29	166	949187	40.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	247082	46.13	ng	96
59) Diethylphthalate	10.18	149	1101461	41.41	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	441943	41.12	ng	97
61) 4-Nitroaniline	10.33	138	282402	42.34	ng	99
62) Azobenzene	10.44	77	1174326	37.50	ng	82
64) 4,6-Dinitro-2-methylphenol	10.36	198	156857	40.12	ng	99
65) n-Nitrosodiphenylamine	10.41	169	761678	37.53	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	253562	38.18	ng	94
67) Hexachlorobenzene	10.84	284	317569	43.36	ng	96
68) Atrazine	10.94	200	259176	44.27	ng	98
69) Pentachlorophenol	11.04	266	135288	41.70	ng	99
70) Phenanthrene	11.25	178	1428634	42.09	ng	100
71) Anthracene	11.30	178	1288144	35.70	ng	99
72) Carbazole	11.46	167	1198027	36.84	ng	99
73) Di-n-butylphthalate	11.80	149	1624414	39.72	ng	99
74) Fluoranthene	12.43	202	1327656	37.72	ng	98
76) Benzidine	12.56	184	464370	36.92	ng	96
77) Pyrene	12.66	202	1318837	35.77	ng	100
79) Butylbenzylphthalate	13.29	149	672070	38.10	ng	97
80) Benzo(a)anthracene	13.85	228	1240432	38.80	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	412591	36.74	ng	# 96
82) Chrysene	13.89	228	1292978	41.02	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	894796	37.49	ng	100
84) Di-n-octyl phthalate	14.47	149	1584724	40.38	ng	97
85) Indeno(1,2,3-cd)pyrene	16.57	276	1014986	38.81	ng	99
87) Benzo(b)fluoranthene	14.89	252	2249241	75.42	ng	# 98
88) Benzo(k)fluoranthene	14.89	252	2250673	86.03	ng	98
89) Benzo(a)pyrene	15.20	252	1063097	40.95	ng	99
90) Dibenzo(a,h)anthracene	16.58	278	896036	39.92	ng	97
91) Benzo(g,h,i)perylene	16.96	276	799870	39.41	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.05 min

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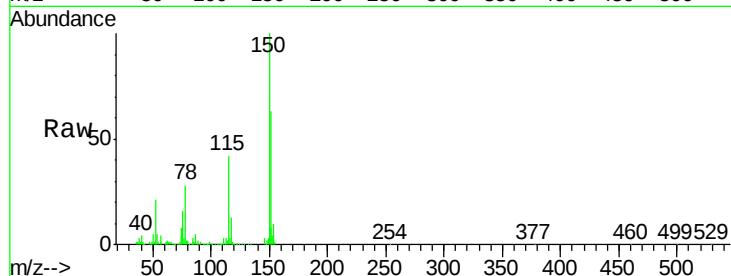
Tgt Ion:152 Resp: 180356

Ion Ratio Lower Upper

152 100

150 157.6 126.8 190.2

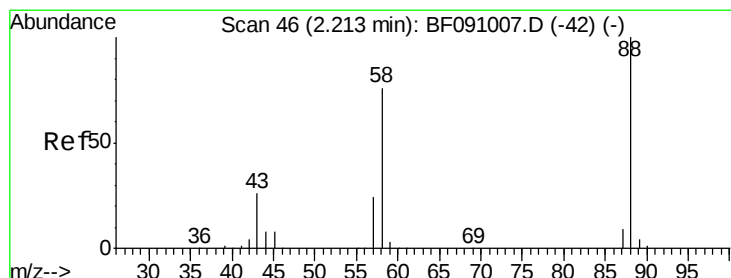
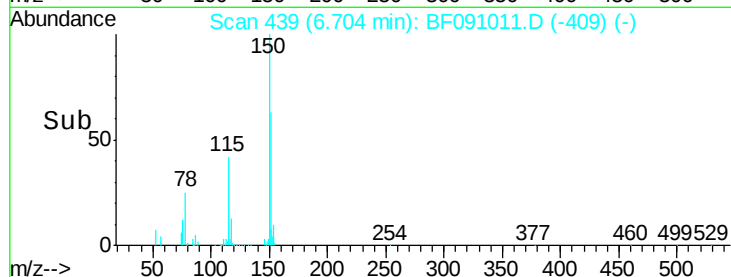
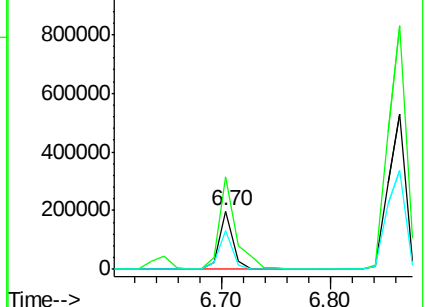
115 65.6 53.3 79.9



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: 38.20 ng

RT: 2.21 min Scan# 46

Delta R.T. 0.07 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

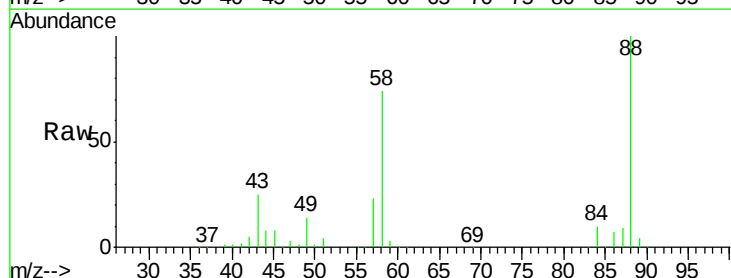
Tgt Ion: 88 Resp: 238612

Ion Ratio Lower Upper

88 100

58 77.7 63.8 95.6

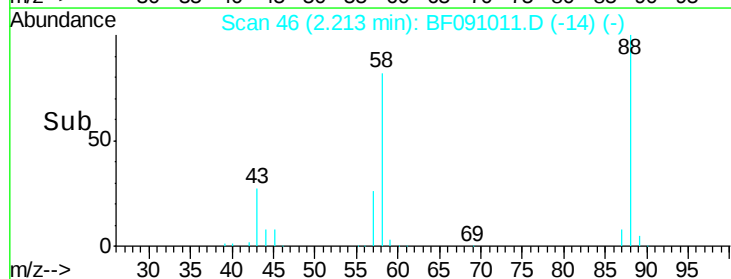
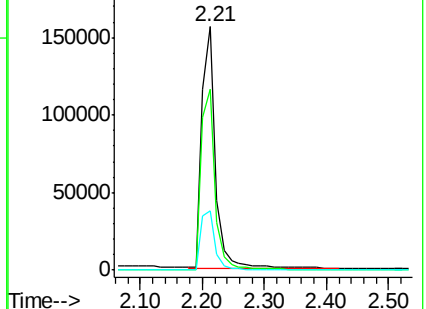
43 26.3 22.6 33.8

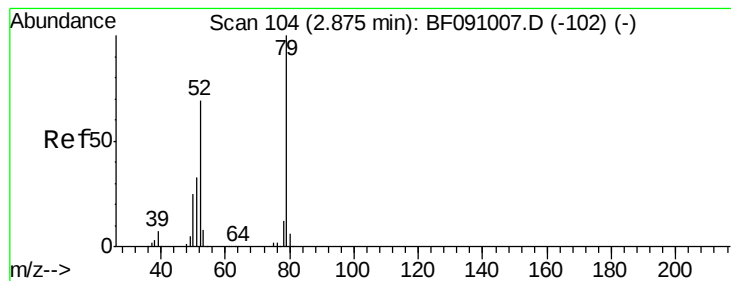


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.84 ng

RT: 2.88 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

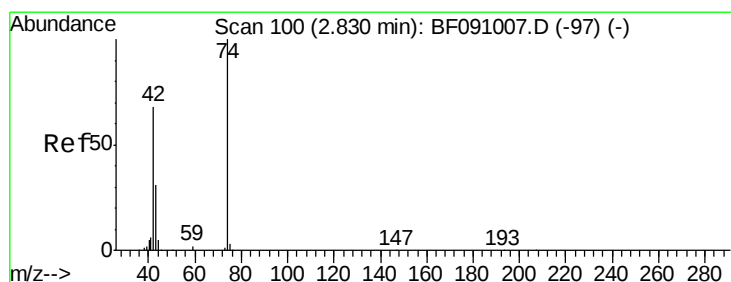
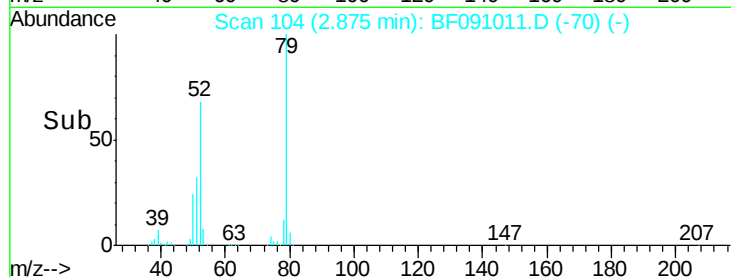
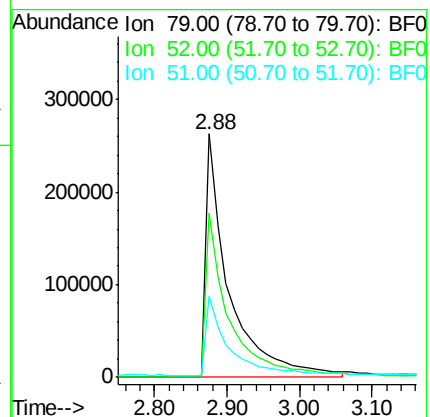
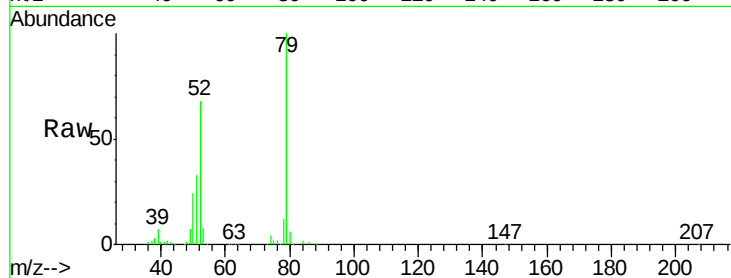
Tgt Ion: 79 Resp: 582255

Ion Ratio Lower Upper

79 100

52 67.7 55.4 83.0

51 33.1 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 39.30 ng

RT: 2.84 min Scan# 101

Delta R.T. 0.09 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

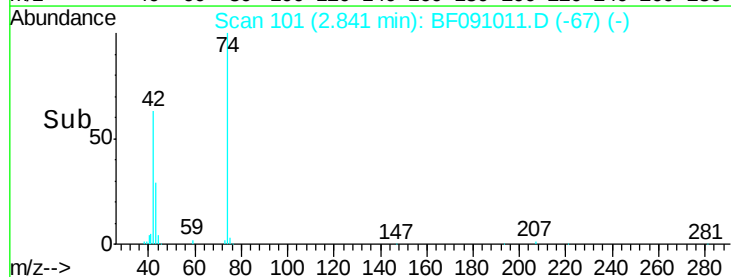
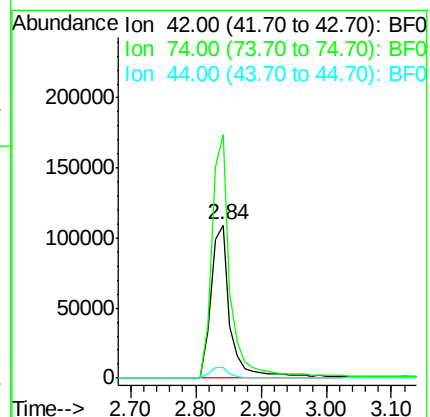
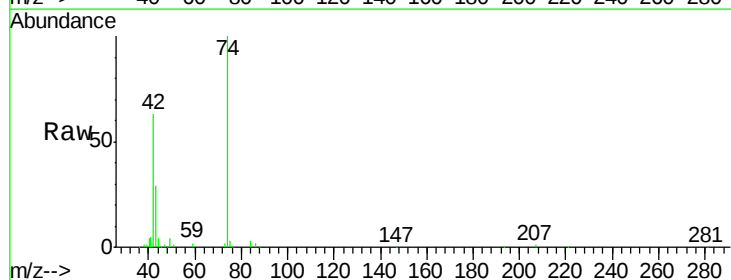
Tgt Ion: 42 Resp: 227164

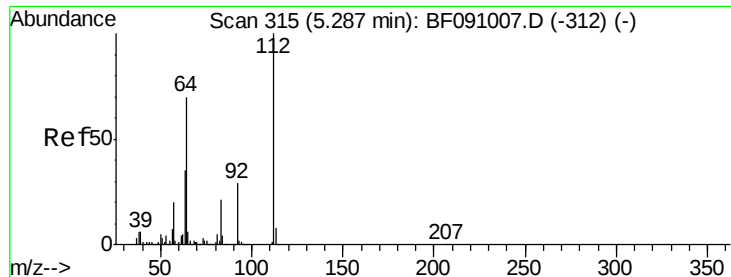
Ion Ratio Lower Upper

42 100

74 159.2 117.3 175.9

44 7.2 5.8 8.8





#5

2-Fluorophenol

Concen: 79.52 ng

RT: 5.29 min Scan# 315

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

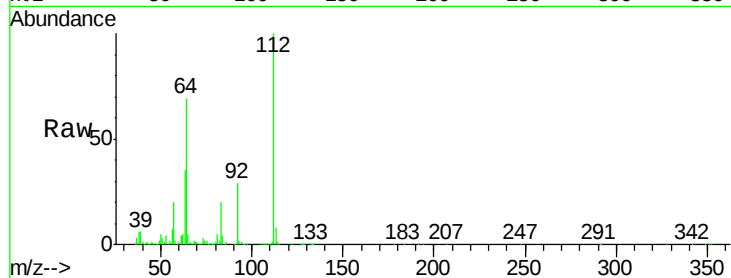
Tgt Ion: 112 Resp: 868428

Ion Ratio Lower Upper

112 100

64 69.1 55.8 83.6

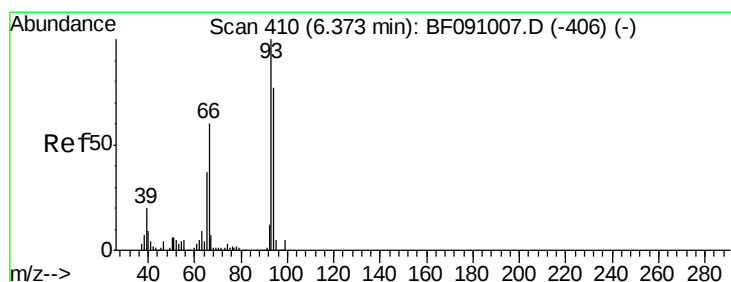
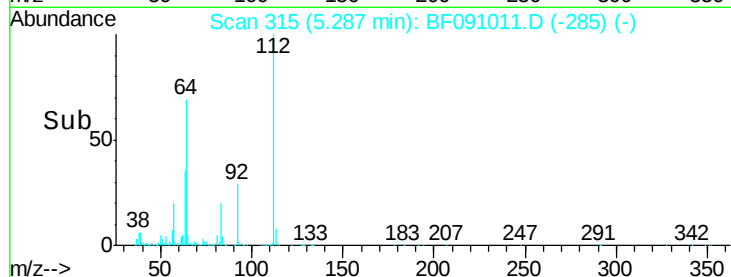
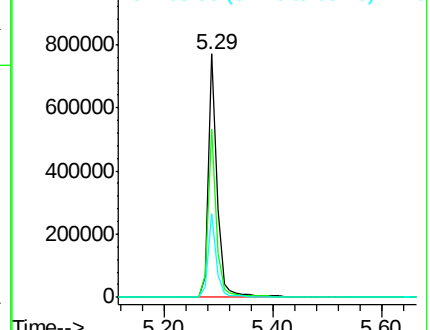
63 34.6 28.0 42.0



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: 40.69 ng

RT: 6.37 min Scan# 410

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

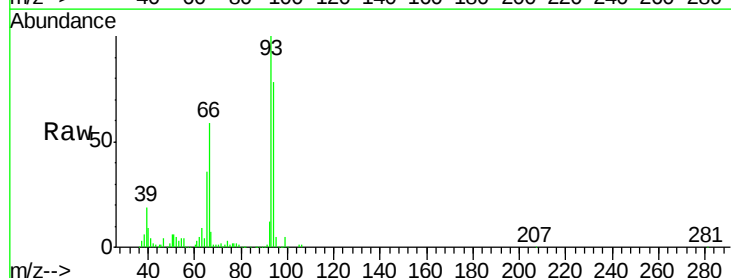
Tgt Ion: 93 Resp: 711418

Ion Ratio Lower Upper

93 100

66 59.2 48.2 72.2

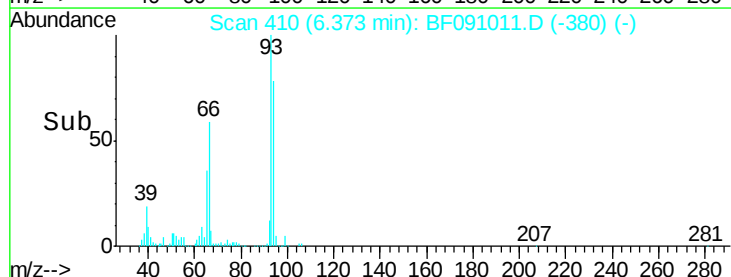
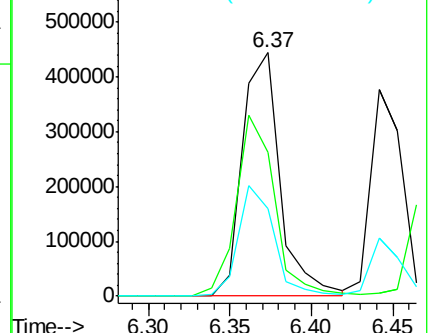
65 35.7 29.4 44.0

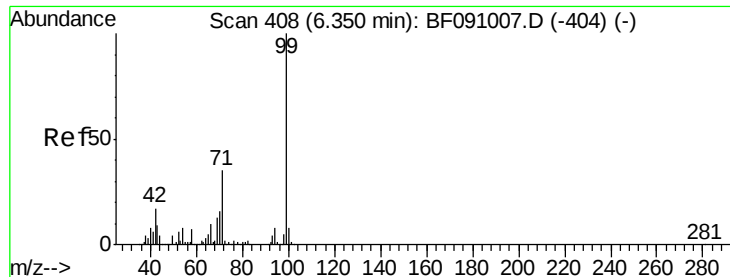


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.36 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.03 min

Lab File: BF091011.D

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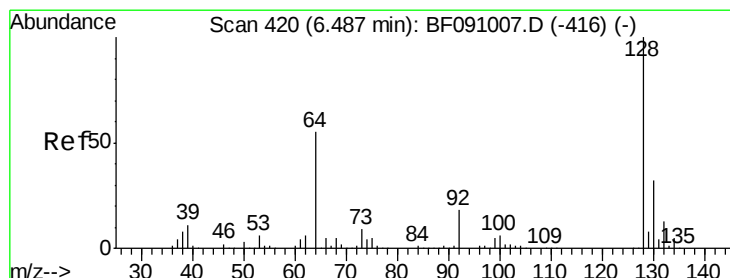
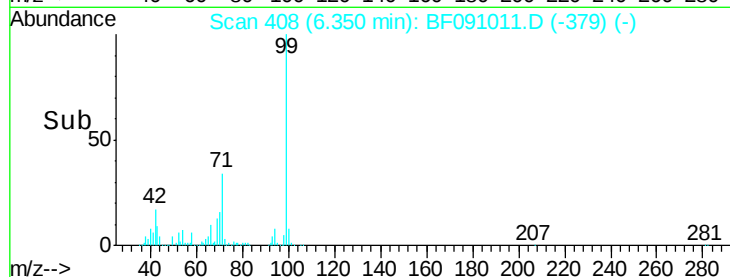
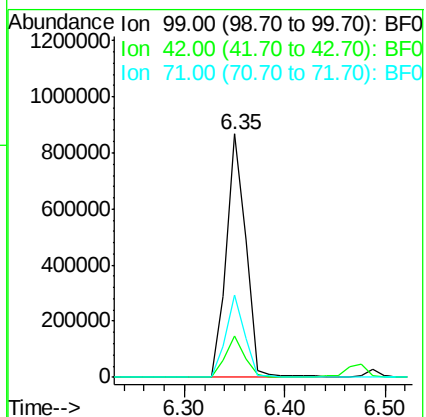
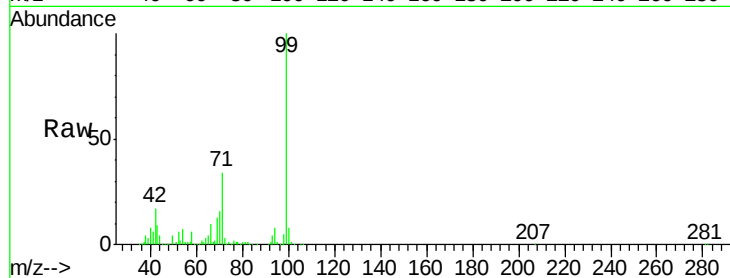
Tgt Ion: 99 Resp: 1176318

Ion Ratio Lower Upper

99 100

42 17.1 13.9 20.9

71 34.0 27.8 41.8



#8

2-Chlorophenol

Concen: 39.14 ng

RT: 6.49 min Scan# 420

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

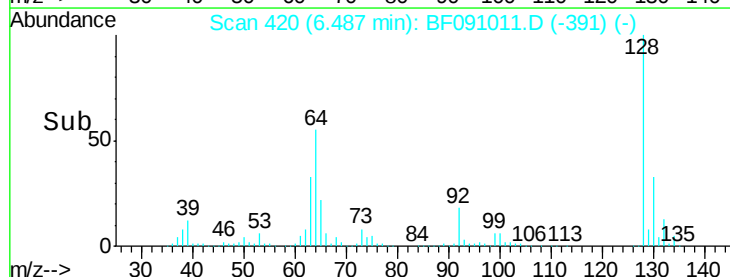
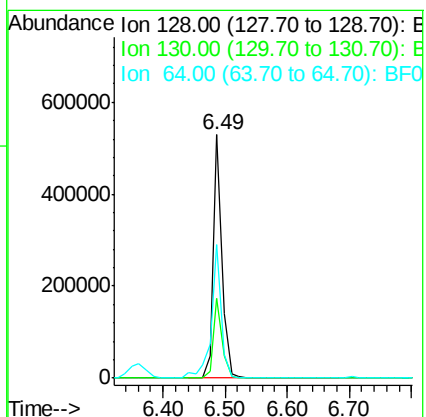
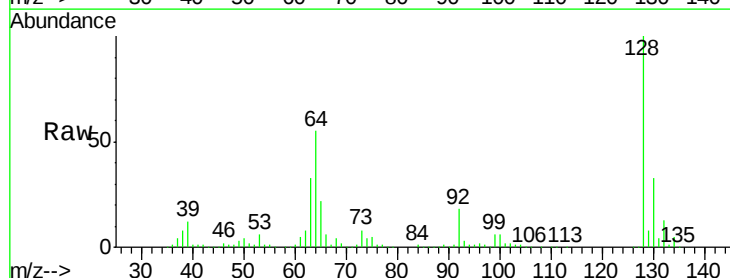
Tgt Ion: 128 Resp: 509804

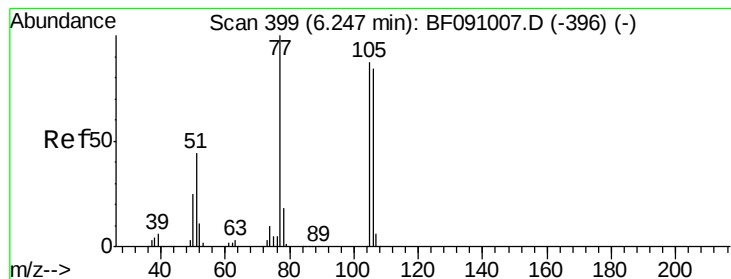
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 54.7 37.2 77.2





#9

Benzaldehyde

Concen: 39.50 ng

RT: 6.25 min Scan# 399

Delta R.T. 0.05 min

Lab File: BF091011.D

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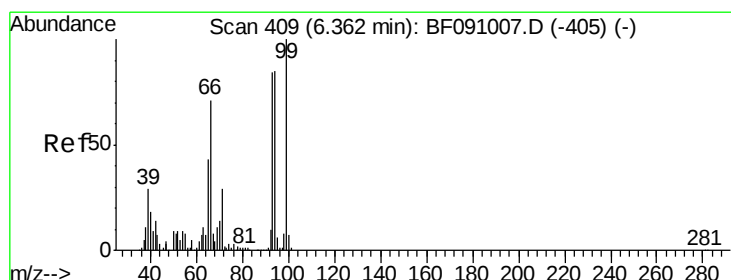
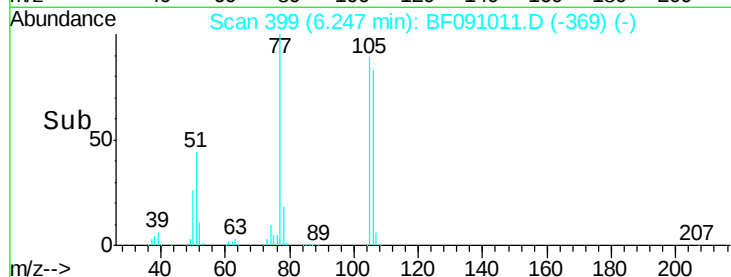
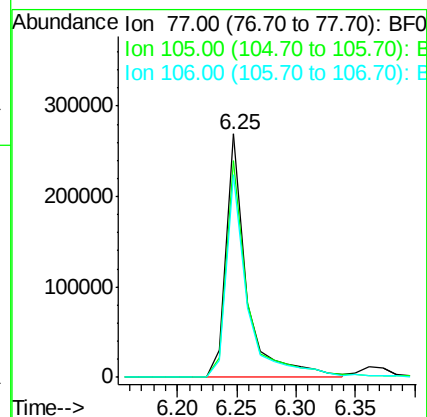
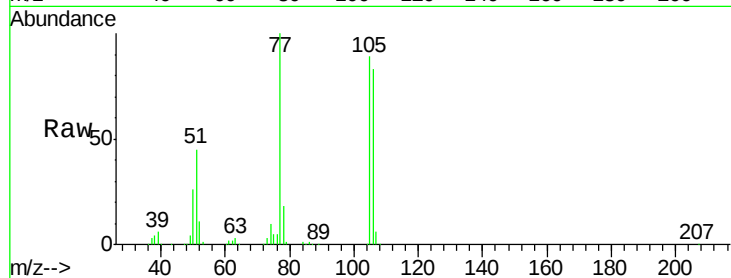
Tgt Ion: 77 Resp: 324996

Ion Ratio Lower Upper

77 100

105 88.8 66.8 106.8

106 83.3 64.0 104.0



#10

Phenol

Concen: 37.52 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

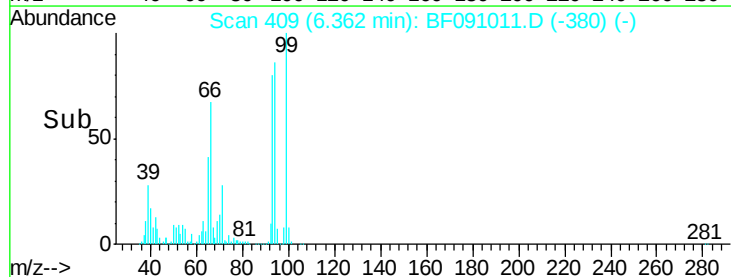
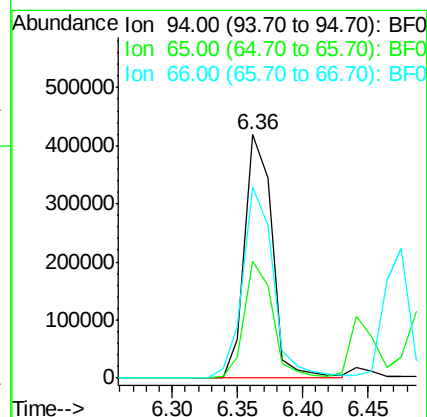
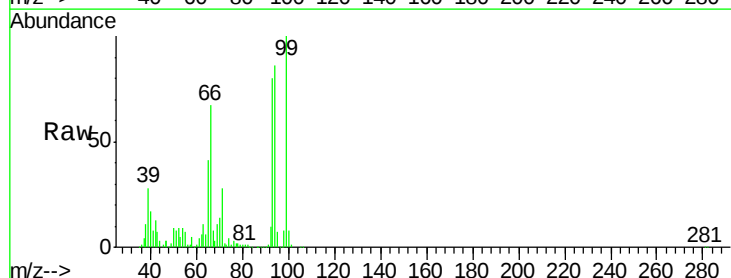
Tgt Ion: 94 Resp: 615451

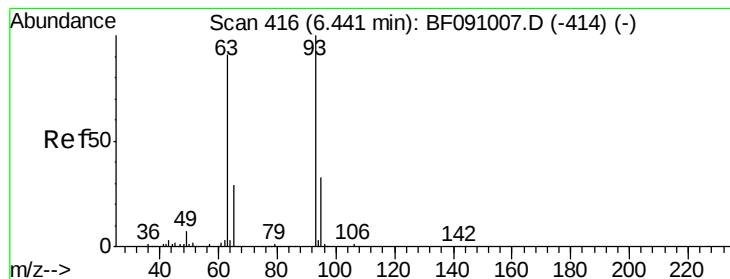
Ion Ratio Lower Upper

94 100

65 48.2 30.4 70.4

66 78.6 62.9 102.9





#11

bis(2-Chloroethyl)ether

Concen: 39.13 ng

RT: 6.44 min Scan# 416

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

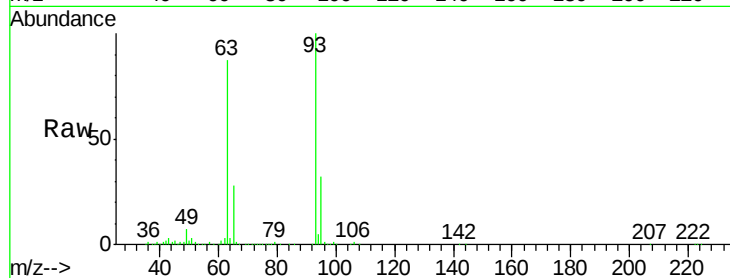
Tgt Ion: 93 Resp: 540857

Ion Ratio Lower Upper

93 100

63 86.9 68.9 108.9

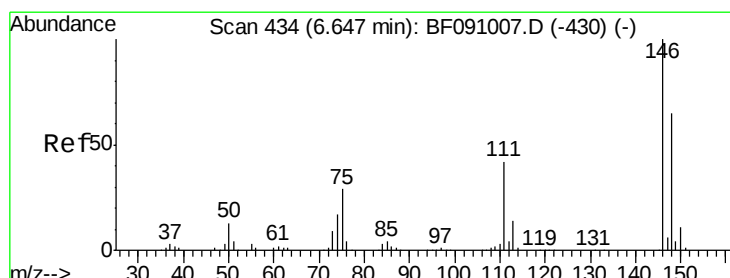
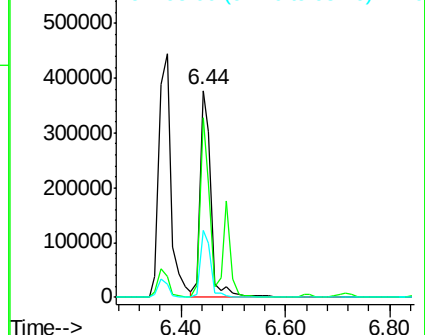
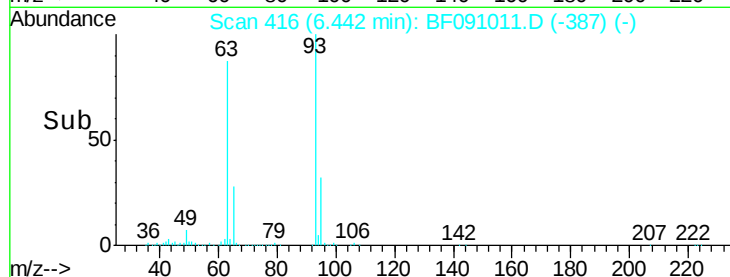
95 32.3 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.78 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

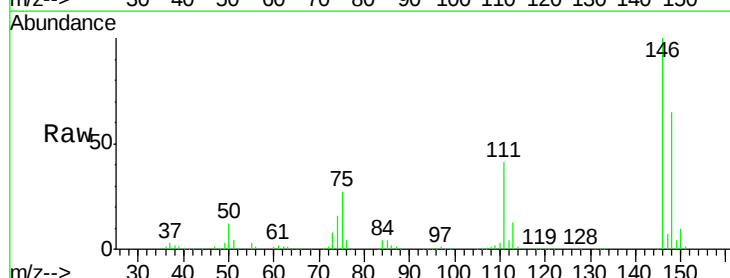
Tgt Ion: 146 Resp: 537204

Ion Ratio Lower Upper

146 100

148 65.1 52.0 78.0

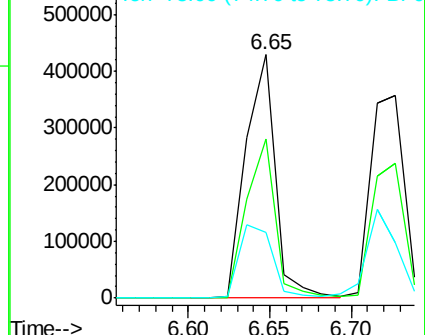
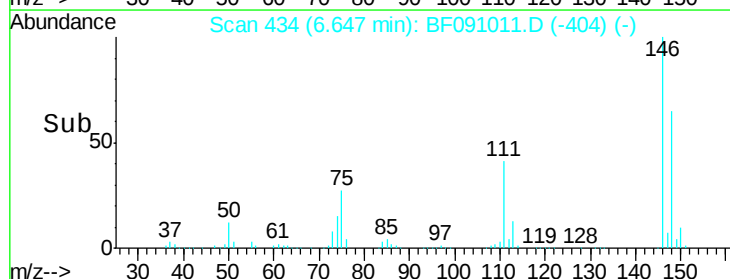
75 26.8 23.0 34.6

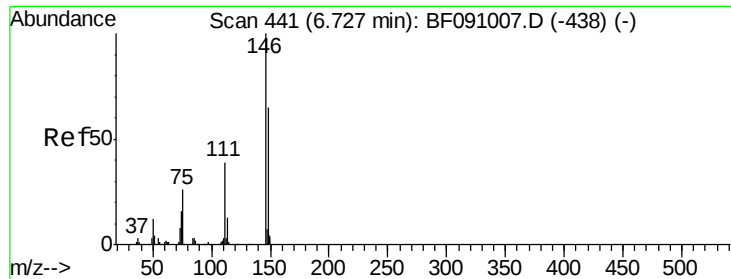


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

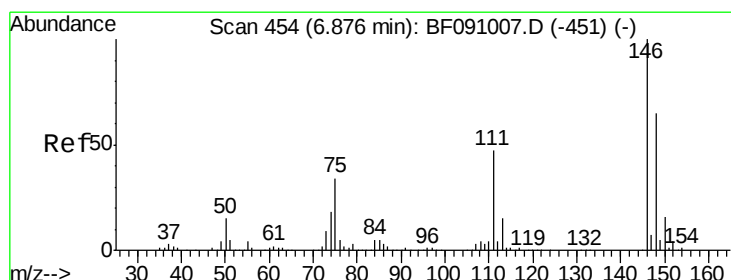
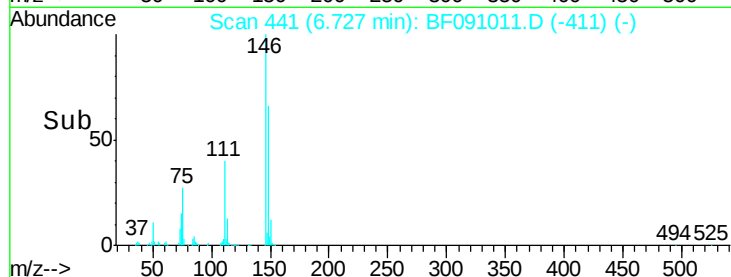
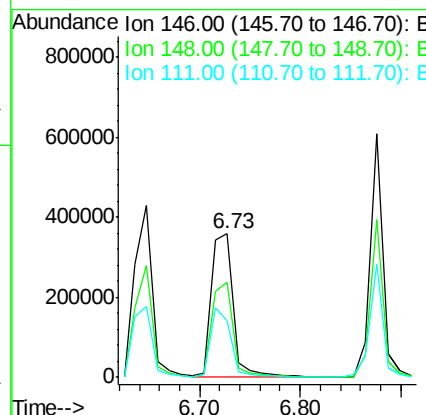
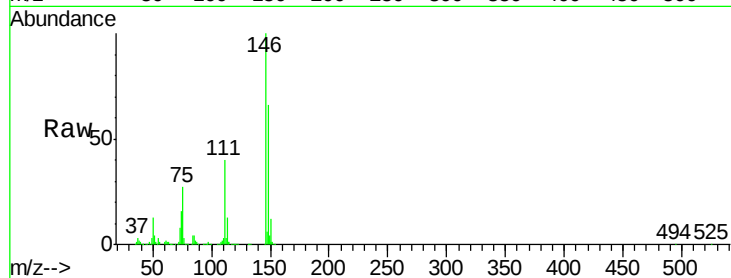




#13
 1,4-Dichlorobenzene
 Concen: 38.34 ng
 RT: 6.73 min Scan# 441
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

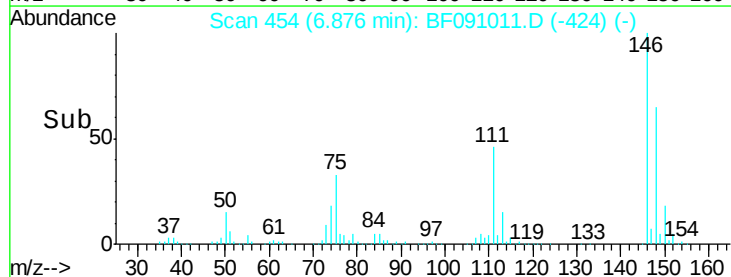
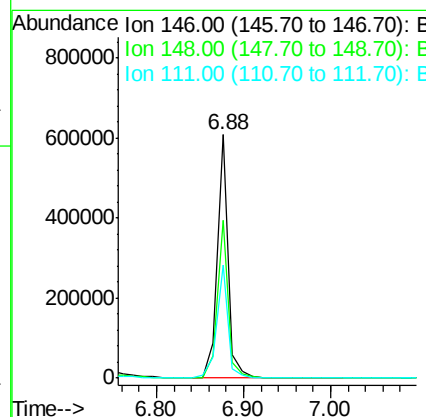
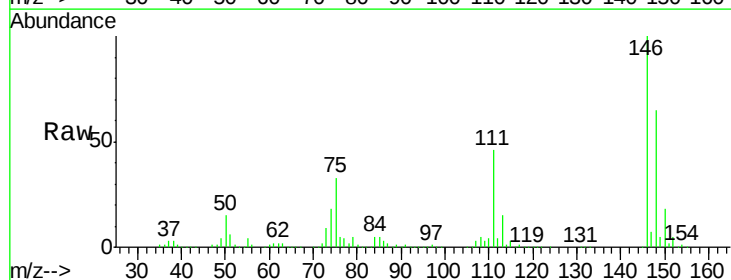
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion:146 Resp: 541959
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.1 78.1
 111 39.8 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 41.37 ng
 RT: 6.88 min Scan# 454
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:146 Resp: 536631
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 46.5 37.3 55.9





#15

Benzyl Alcohol

Concen: 39.23 ng

RT: 6.85 min Scan# 452

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

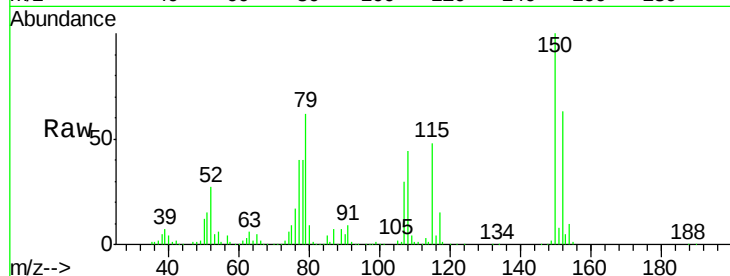
Tgt Ion: 79 Resp: 410150

Ion Ratio Lower Upper

79 100

108 71.8 55.7 83.5

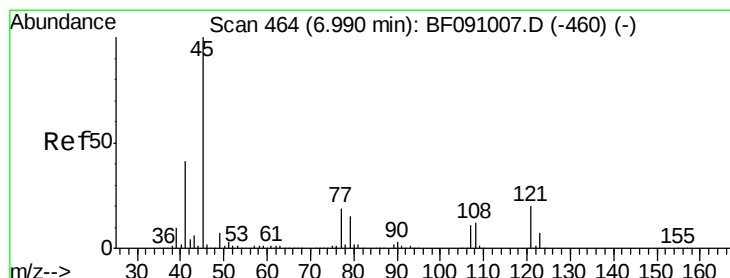
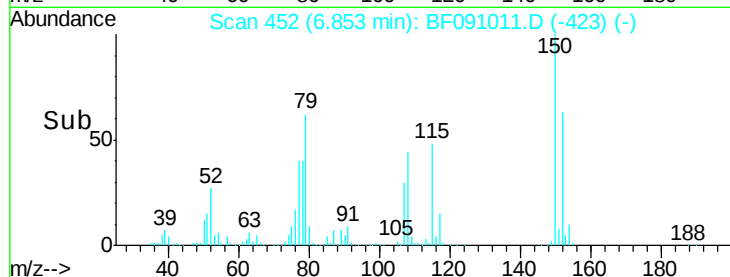
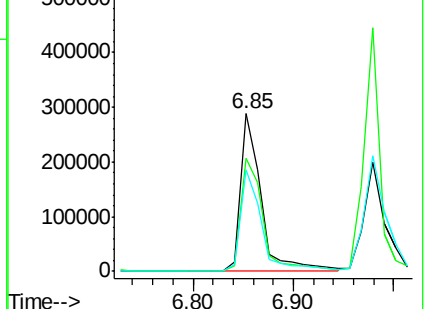
77 64.8 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.95 ng

RT: 6.99 min Scan# 464

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

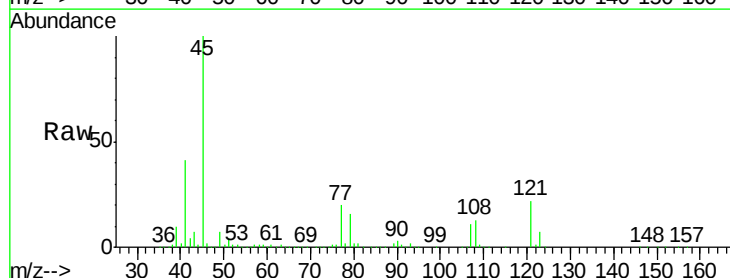
Tgt Ion: 45 Resp: 711617

Ion Ratio Lower Upper

45 100

77 19.8 0.0 39.6

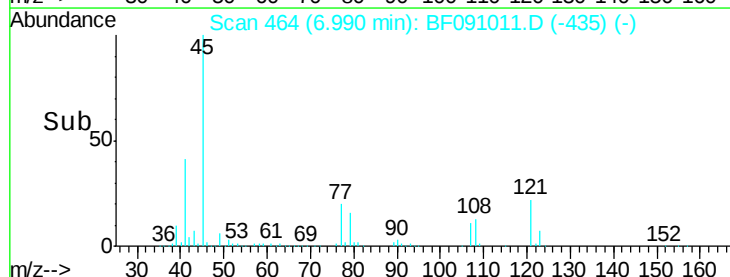
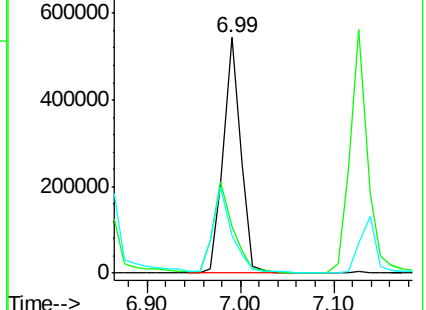
79 15.9 0.0 35.9

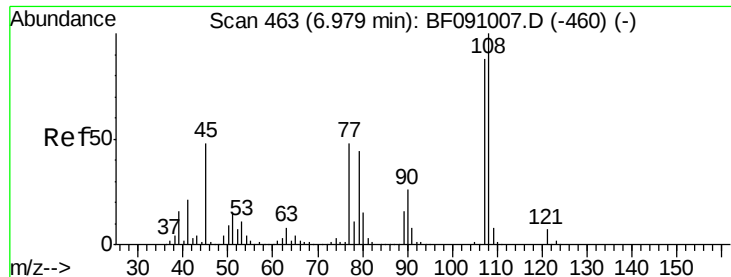


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

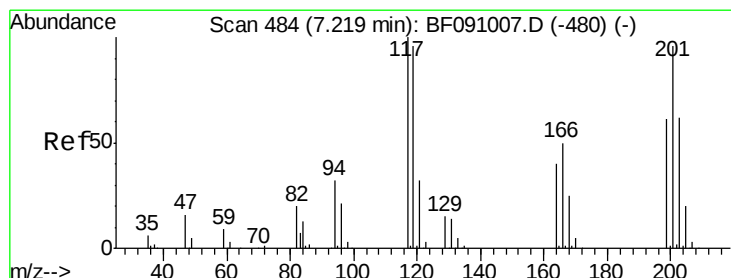
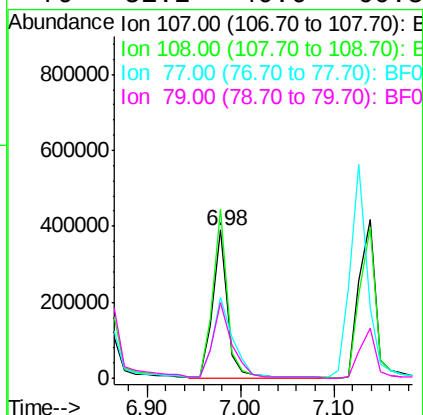
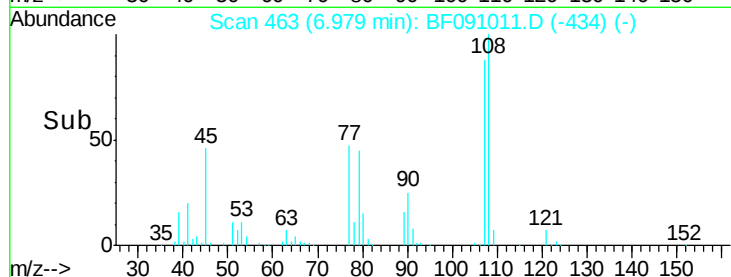
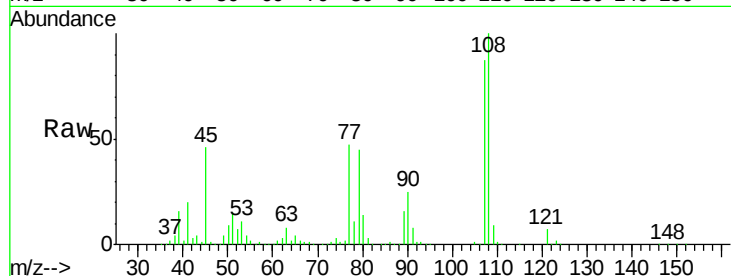




#17
2-Methylphenol
Concen: 41.66 ng
RT: 6.98 min Scan# 463
Delta R.T. 0.03 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

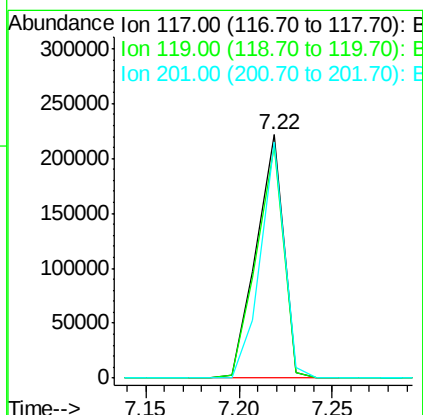
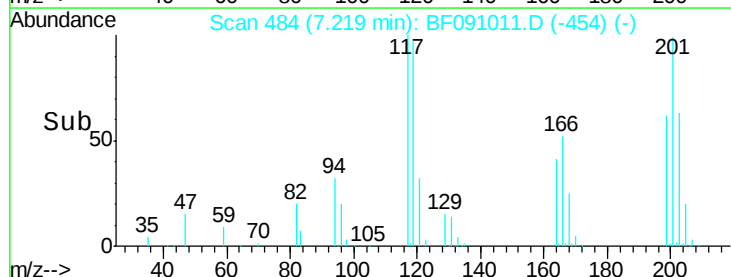
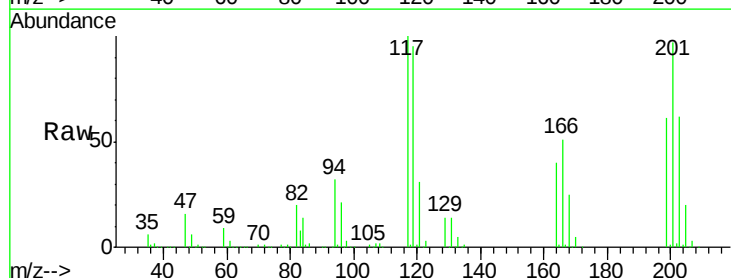
Instrument :
BNA_F
ClientSampleId :
ICVBF110316

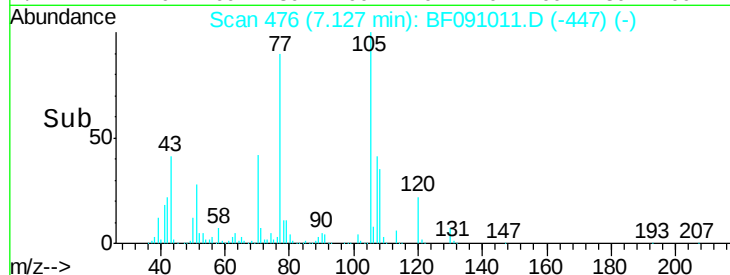
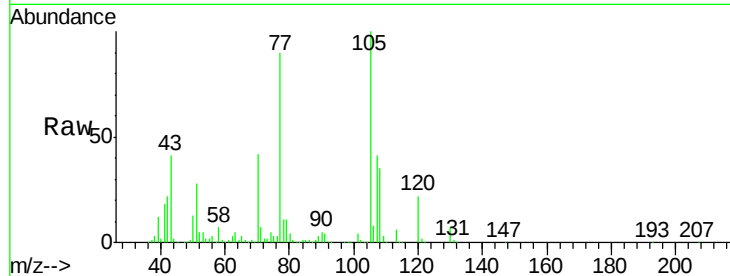
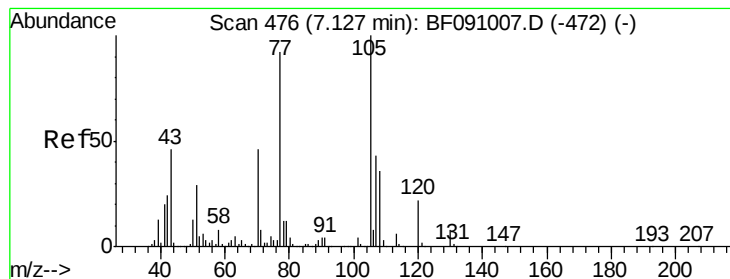
Tgt Ion:107 Resp: 429564
Ion Ratio Lower Upper
107 100
108 114.3 91.0 136.6
77 54.2 43.8 65.8
79 51.2 40.6 60.8



#18
Hexachloroethane
Concen: 40.91 ng
RT: 7.22 min Scan# 484
Delta R.T. 0.05 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion:117 Resp: 223824
Ion Ratio Lower Upper
117 100
119 95.5 76.6 115.0
201 97.1 77.1 115.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.42 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

Tgt Ion: 70 Resp: 394638

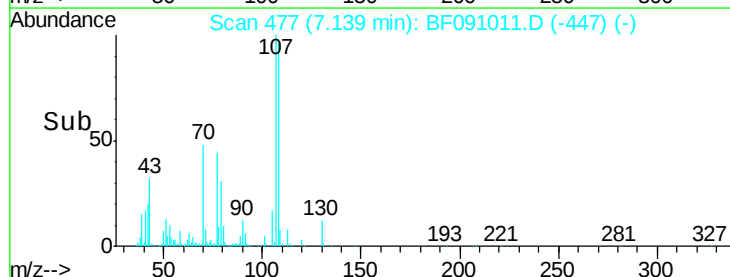
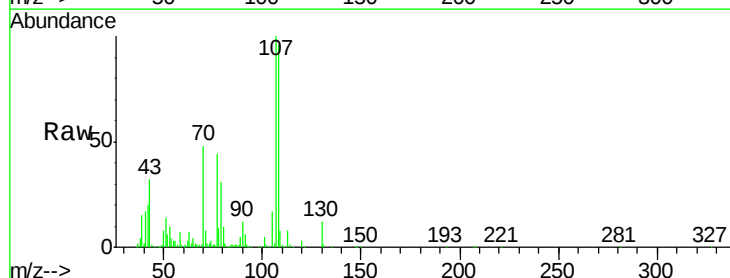
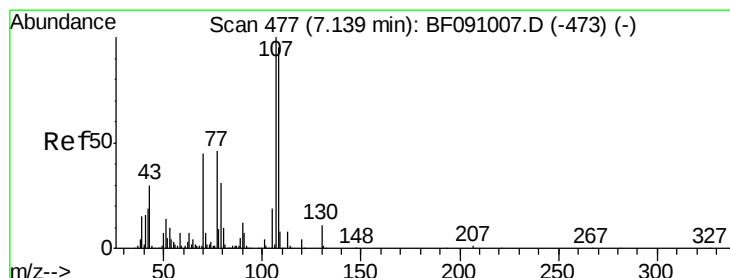
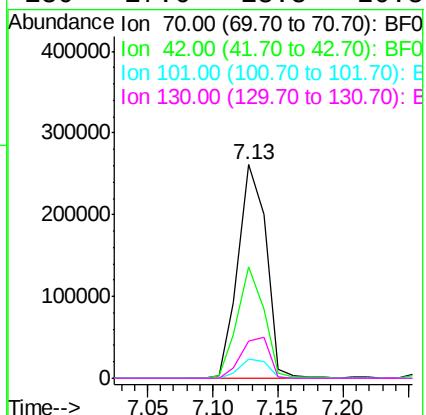
Ion Ratio Lower Upper

70 100

42 52.3 41.7 62.5

101 8.7 6.7 10.1

130 17.6 13.8 20.8



#20

3+4-Methylphenols

Concen: 43.08 ng

RT: 7.14 min Scan# 477

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion: 107 Resp: 533419

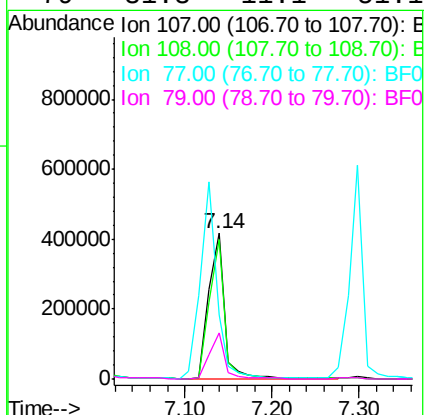
Ion Ratio Lower Upper

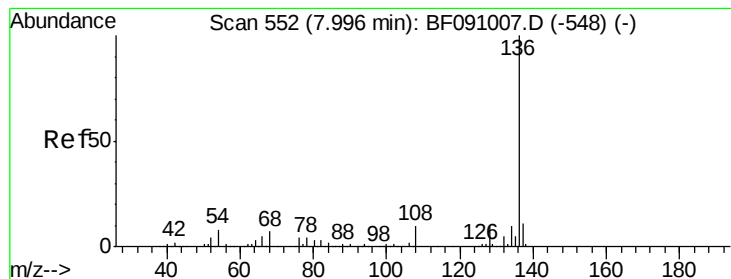
107 100

108 95.7 75.5 115.5

77 44.2 26.4 66.4

79 31.3 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 552

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

Tgt Ion:136 Resp: 792261

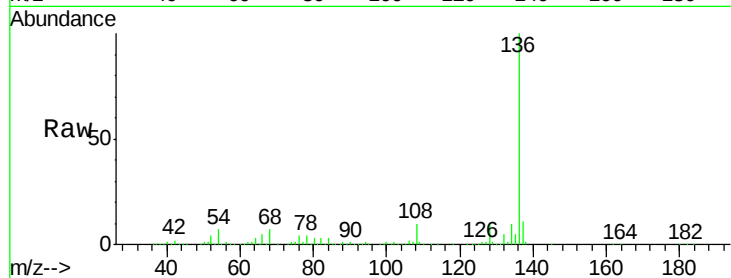
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.2 9.2

68 6.7 5.5 8.3

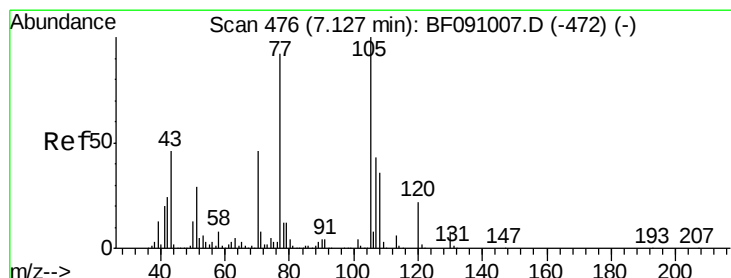
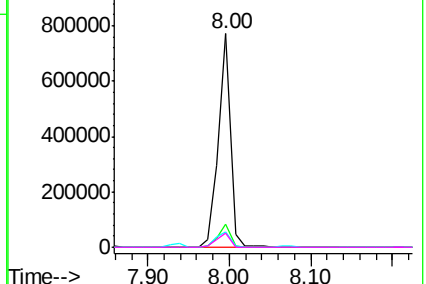
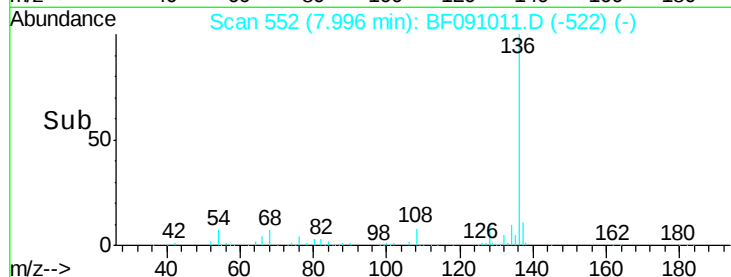


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.81 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:105 Resp: 726148

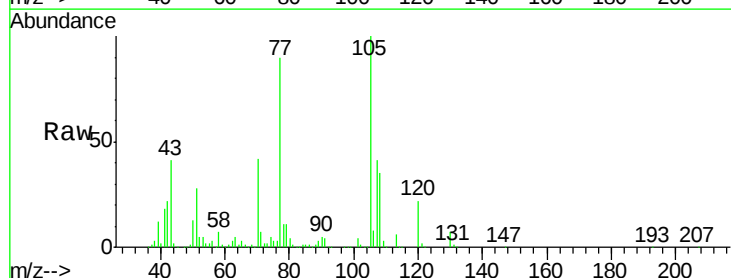
Ion Ratio Lower Upper

105 100

71 7.1 6.2 9.2

51 28.0 23.3 34.9

120 21.9 17.4 26.0

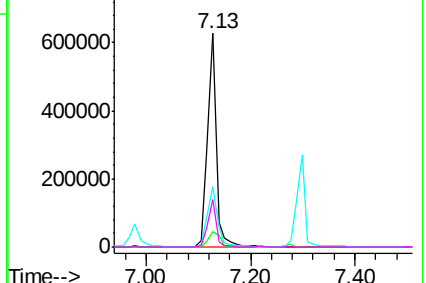
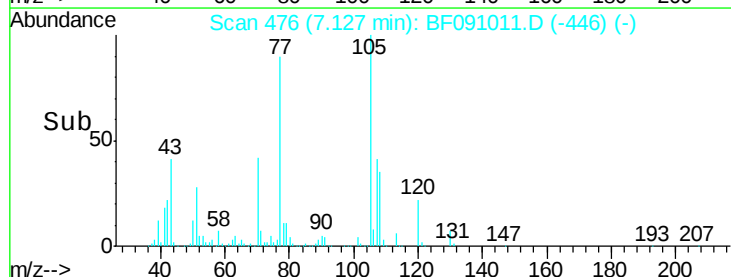


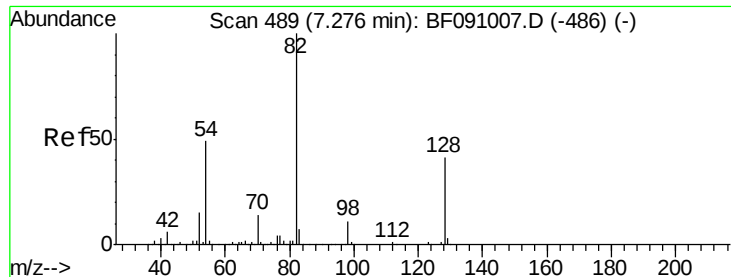
Abundance Ion 105.00 (104.70 to 105.70): E

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

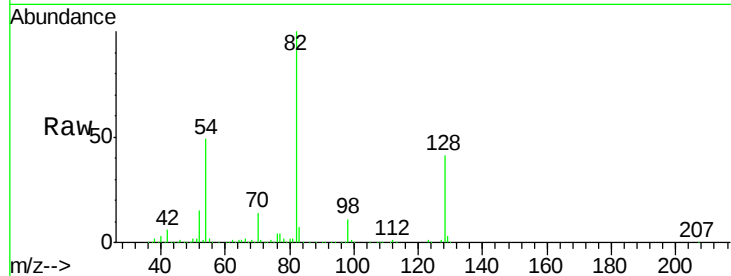




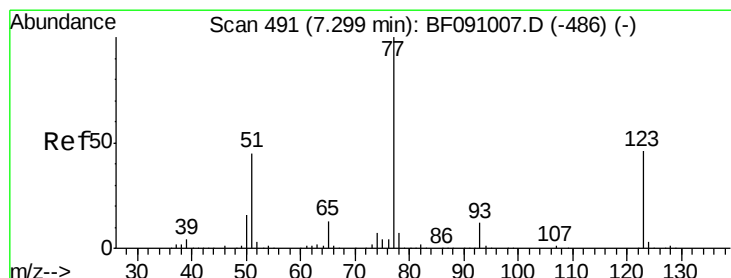
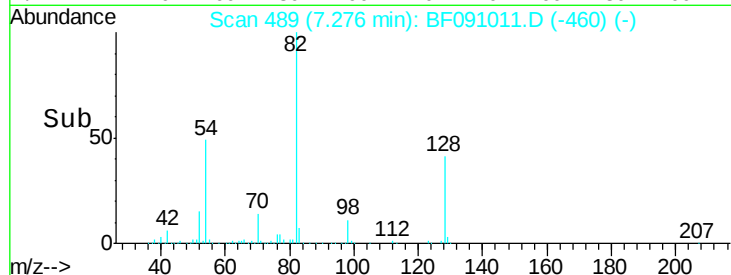
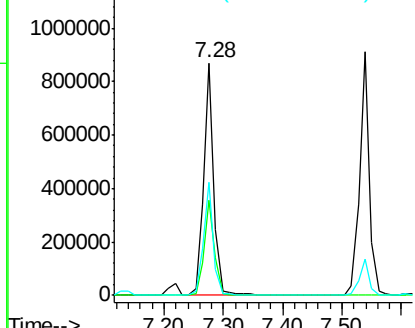
#23
 Nitrobenzene-d5
 Concen: 72.94 ng
 RT: 7.28 min Scan# 489
 Delta R.T. 0.03 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion: 82 Resp: 1059273
 Ion Ratio Lower Upper
 82 100
 128 40.8 32.4 48.6
 54 48.7 39.2 58.8

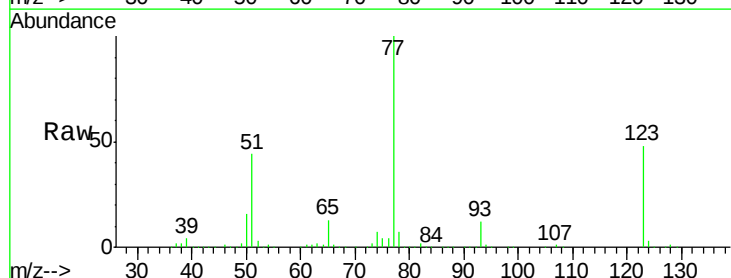


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

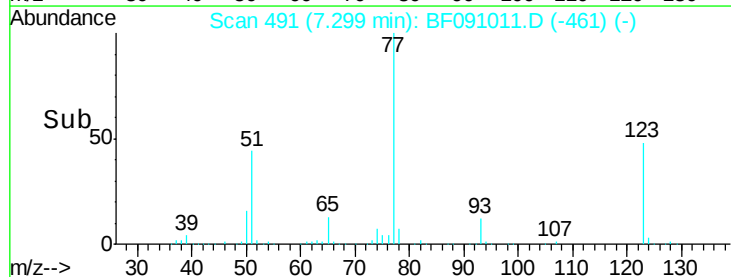
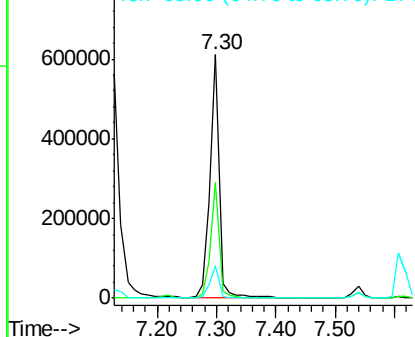


#24
 Nitrobenzene
 Concen: 41.11 ng
 RT: 7.30 min Scan# 491
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion: 77 Resp: 659402
 Ion Ratio Lower Upper
 77 100
 123 47.6 36.5 54.7
 65 13.1 10.7 16.1



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





#25

Isophorone

Concen: 36.89 ng

RT: 7.54 min Scan# 512

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

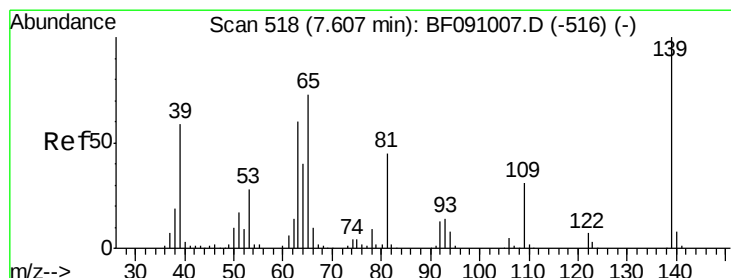
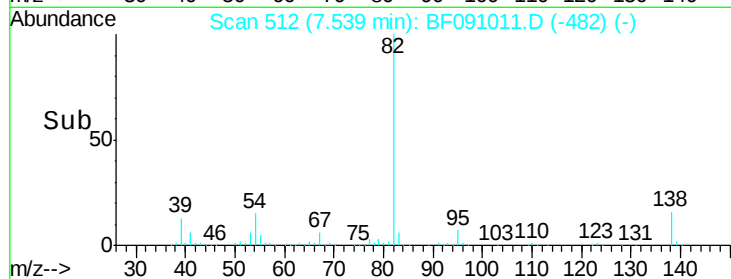
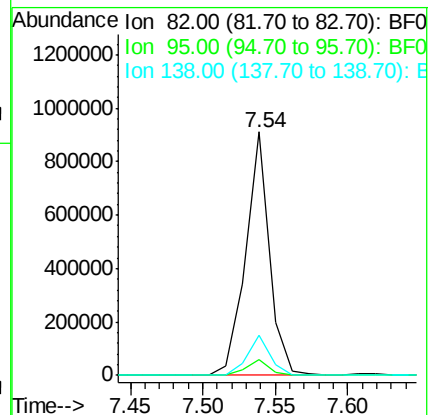
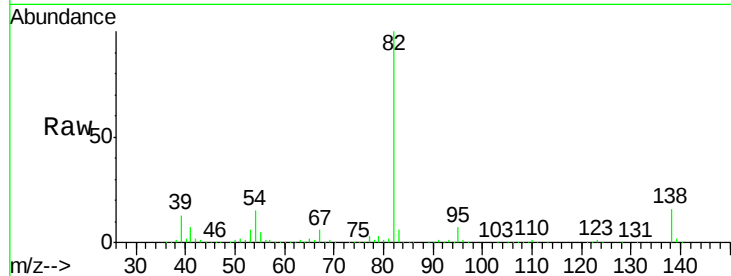
Tgt Ion: 82 Resp: 1032456

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 16.5 13.0 19.4



#26

2-Nitrophenol

Concen: 38.68 ng

RT: 7.62 min Scan# 519

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

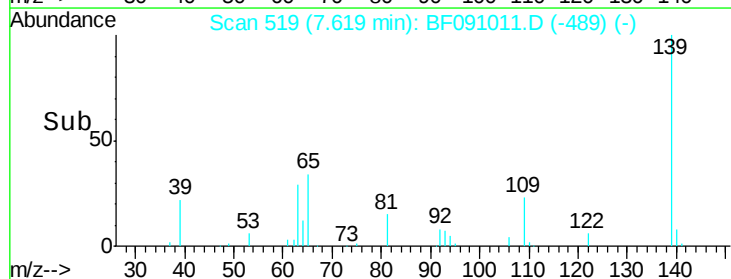
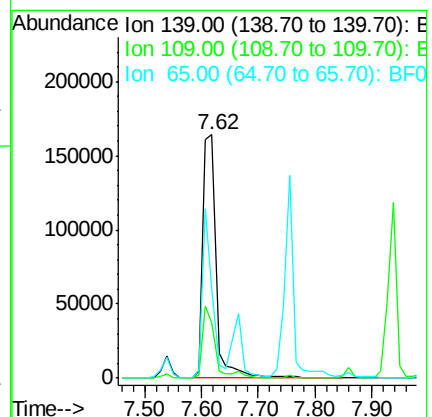
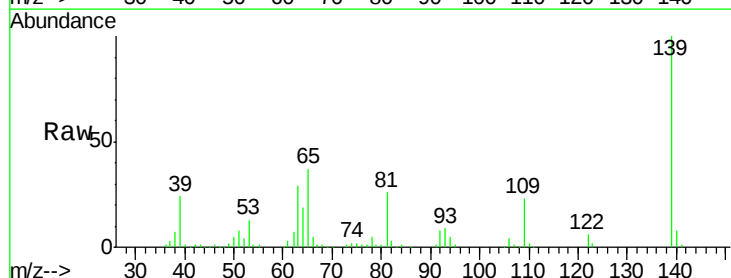
Tgt Ion: 139 Resp: 262570

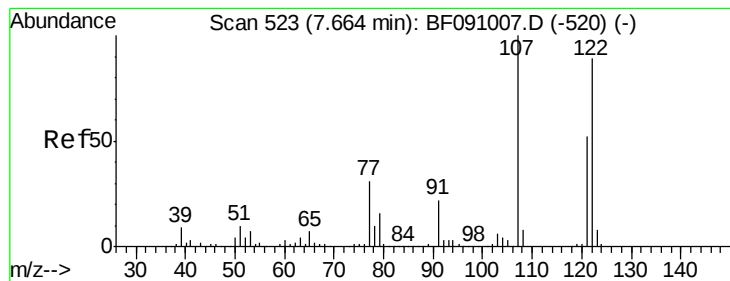
Ion Ratio Lower Upper

139 100

109 22.9 24.7 37.1#

65 37.2 58.3 87.5#





#27

2,4-Dimethylphenol

Concen: 40.50 ng

RT: 7.66 min Scan# 523

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

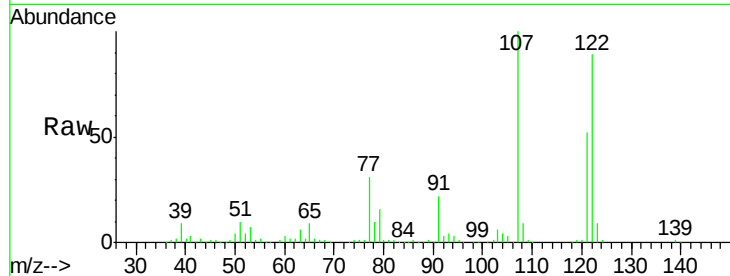
Tgt Ion:122 Resp: 454596

Ion Ratio Lower Upper

122 100

107 111.8 89.6 134.4

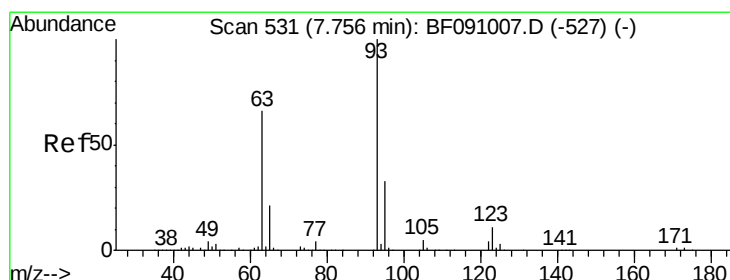
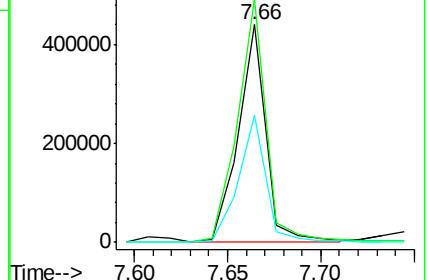
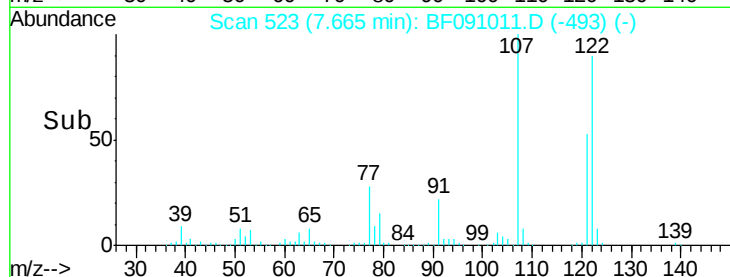
121 58.6 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.84 ng

RT: 7.76 min Scan# 531

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

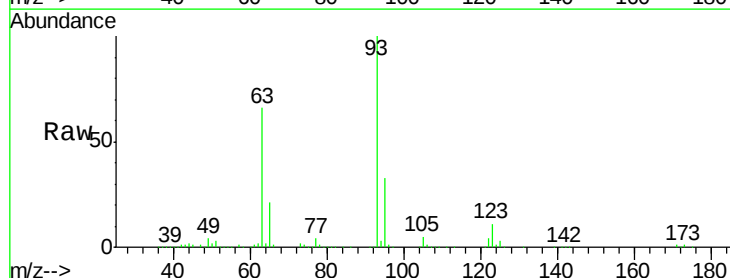
Tgt Ion: 93 Resp: 639702

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

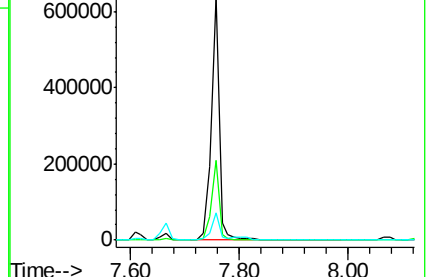
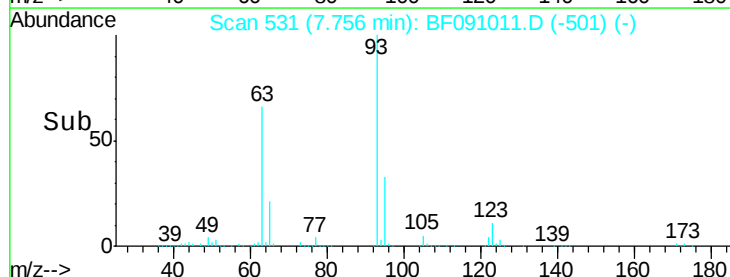
123 11.2 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

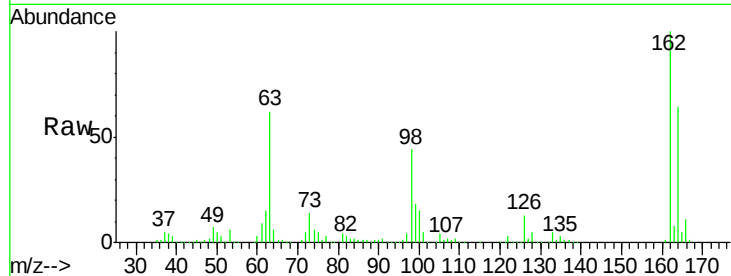




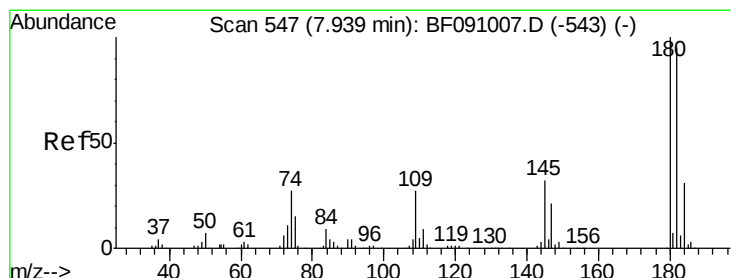
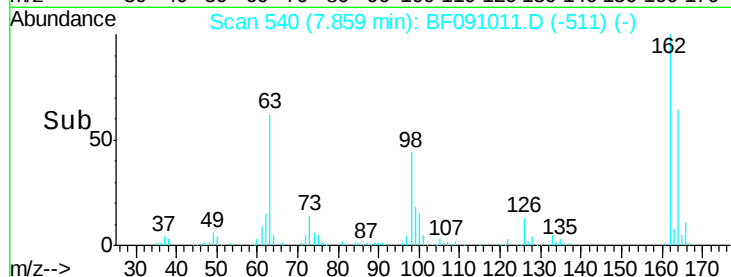
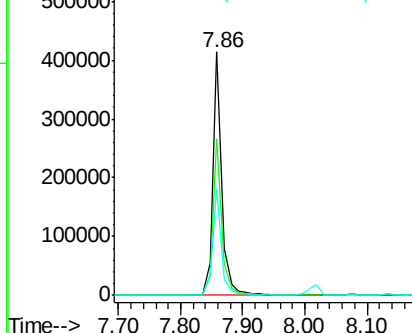
#29
 2,4-Dichlorophenol
 Concen: 41.39 ng
 RT: 7.86 min Scan# 540
 Delta R.T. 0.03 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion:162 Resp: 405470
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.4 84.4
 98 44.0 25.2 65.2

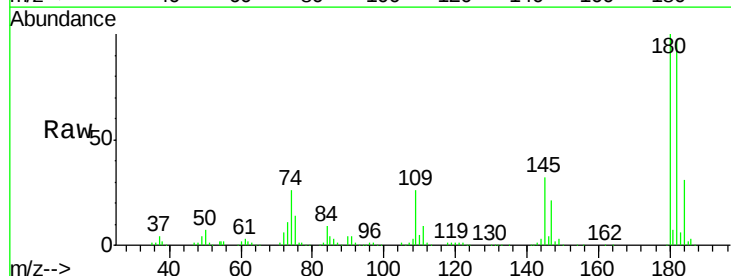


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

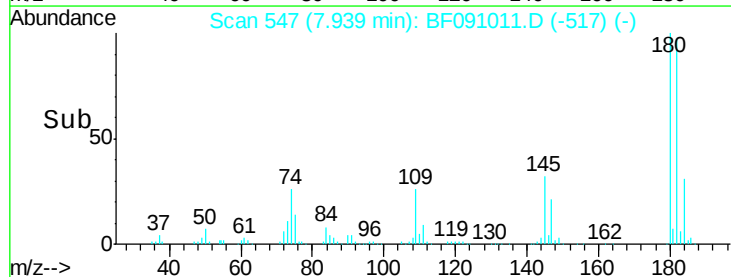
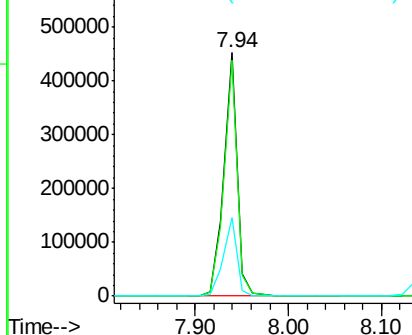


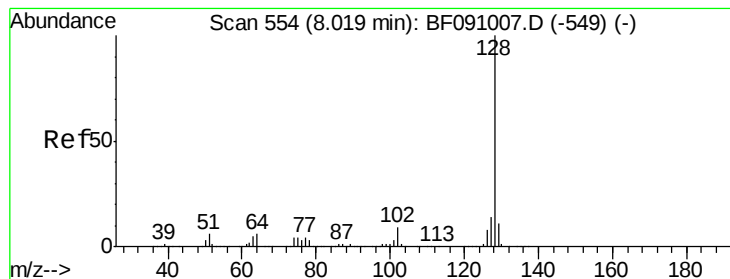
#30
 1,2,4-Trichlorobenzene
 Concen: 40.60 ng
 RT: 7.94 min Scan# 547
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:180 Resp: 447261
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.0 114.0
 145 32.2 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: 40.36 ng

RT: 8.02 min Scan# 554

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

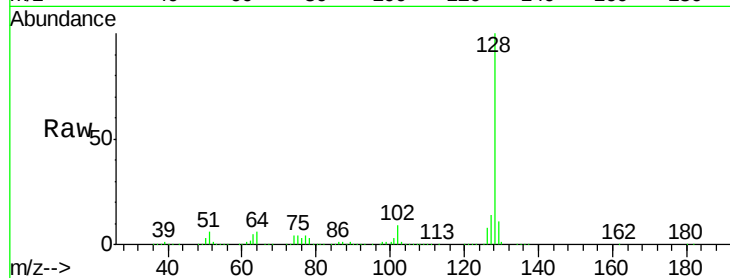
Tgt Ion:128 Resp: 1529306

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

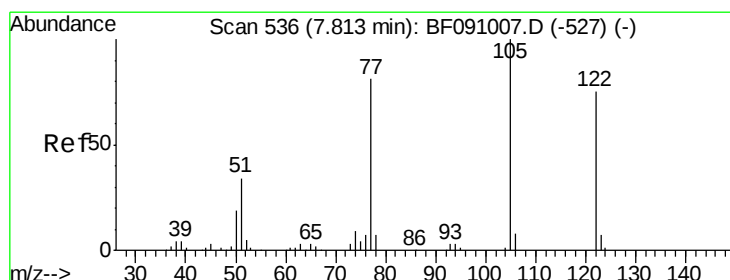
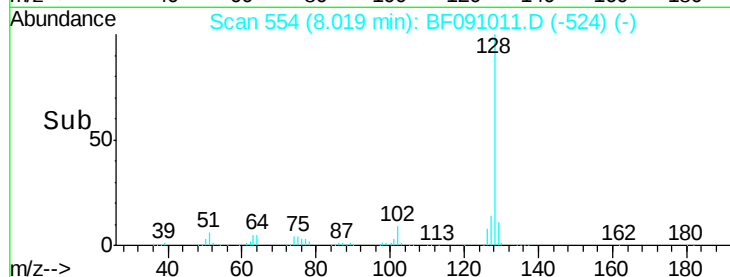
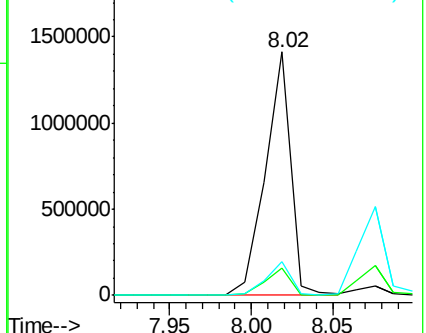
127 13.6 10.9 16.3



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: 37.92 ng

RT: 7.81 min Scan# 536

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

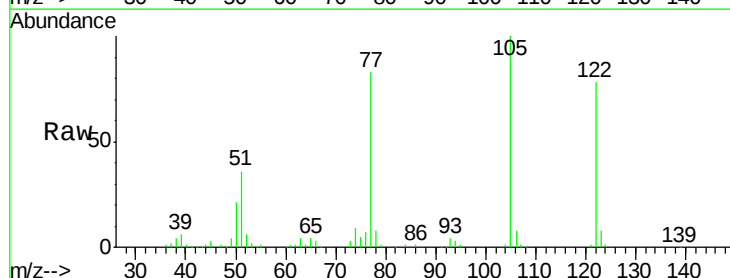
Tgt Ion:122 Resp: 321628

Ion Ratio Lower Upper

122 100

105 128.3 105.9 145.9

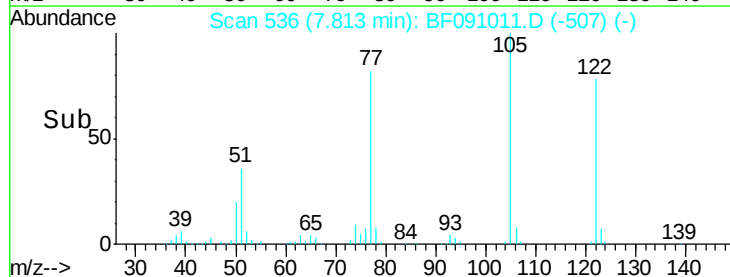
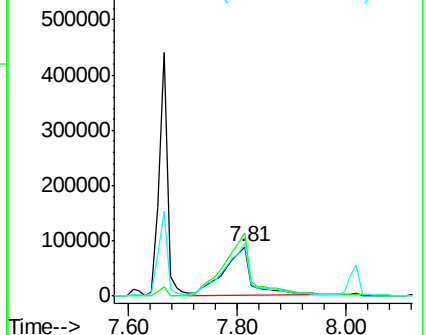
77 106.9 84.0 124.0



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

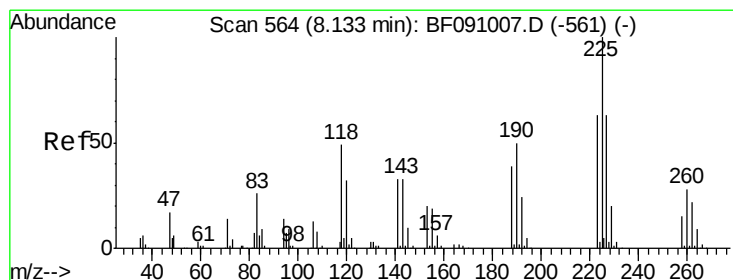
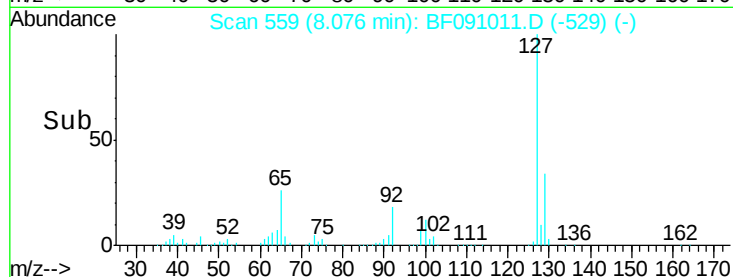
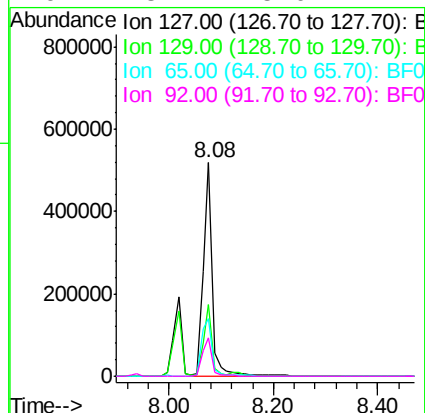
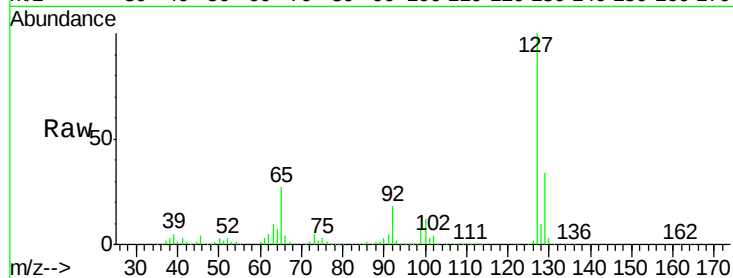




#33
 4-Chloroaniline
 Concen: 39.59 ng
 RT: 8.08 min Scan# 559
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

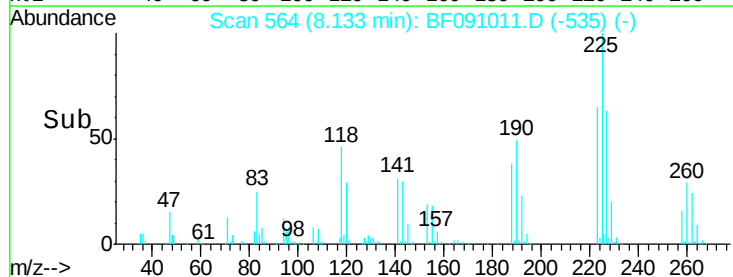
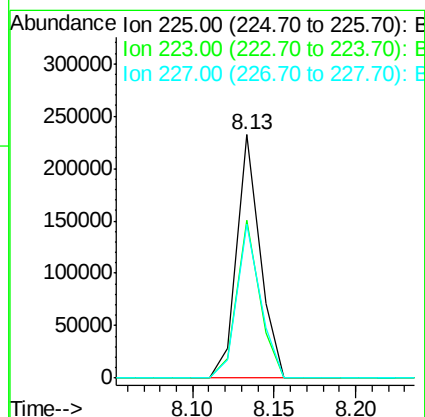
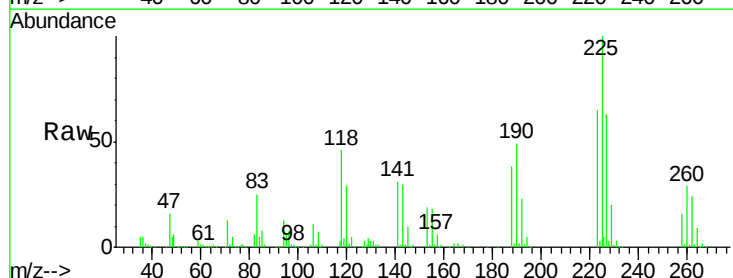
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

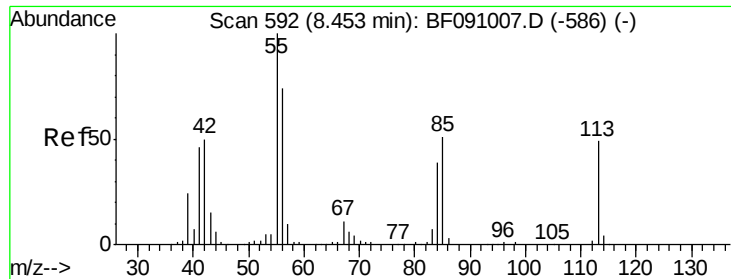
Tgt Ion:	127	Resp:	623840
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.6	39.8
65	27.2	22.2	33.2
92	18.2	15.0	22.4



#34
 Hexachlorobutadiene
 Concen: 38.41 ng
 RT: 8.13 min Scan# 564
 Delta R.T. 0.03 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:	225	Resp:	228390
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.4	75.6
227	63.5	50.1	75.1

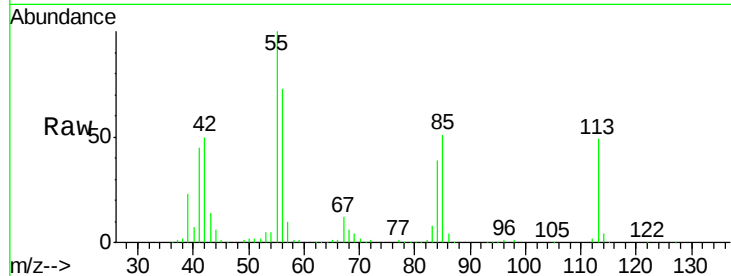




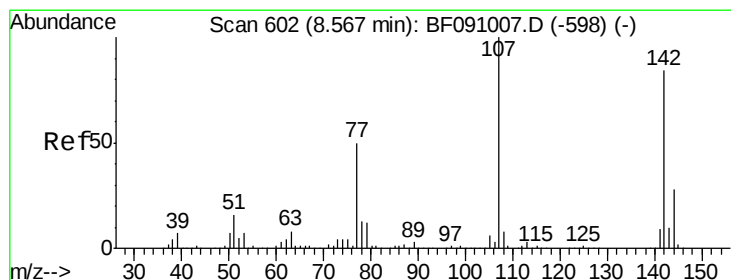
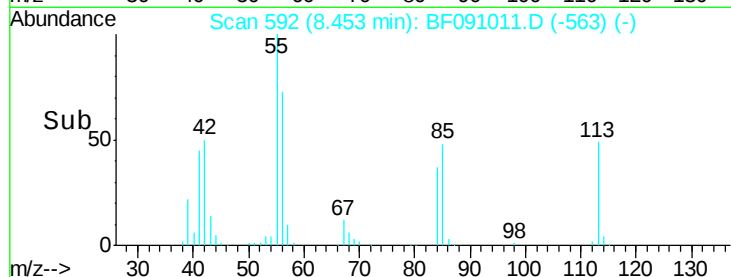
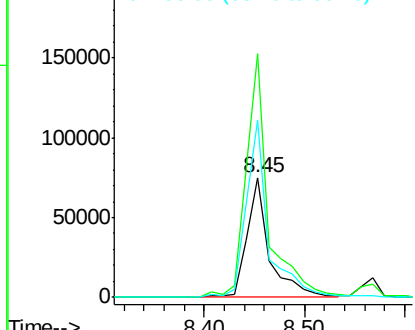
#35
 Caprolactam
 Concen: 38.00 ng
 RT: 8.45 min Scan# 592
 Delta R.T. 0.03 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion:113 Resp: 116962
 Ion Ratio Lower Upper
 113 100
 55 203.8 184.1 224.1
 56 148.1 132.0 172.0

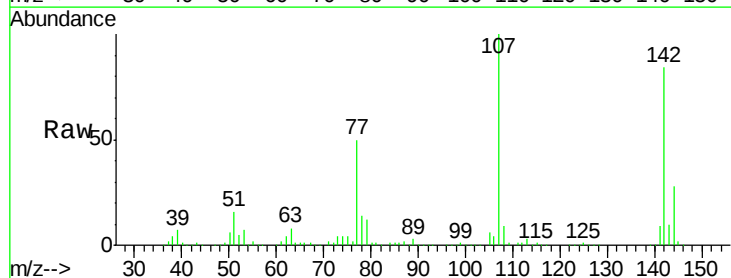


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

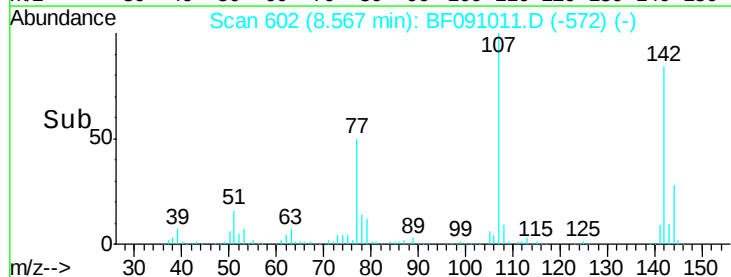
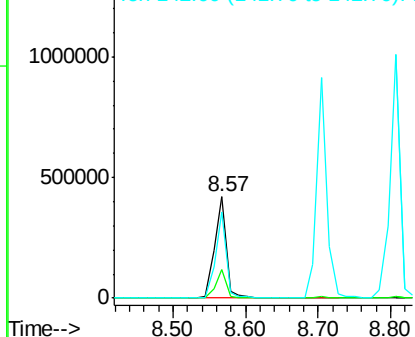


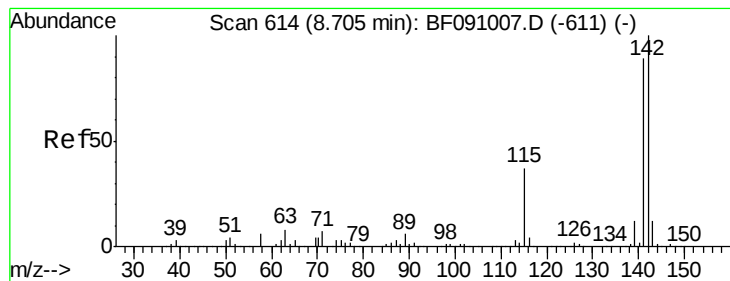
#36
 4-Chloro-3-methylphenol
 Concen: 40.09 ng
 RT: 8.57 min Scan# 602
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:107 Resp: 475531
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.5 33.7
 142 84.4 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: 36.55 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

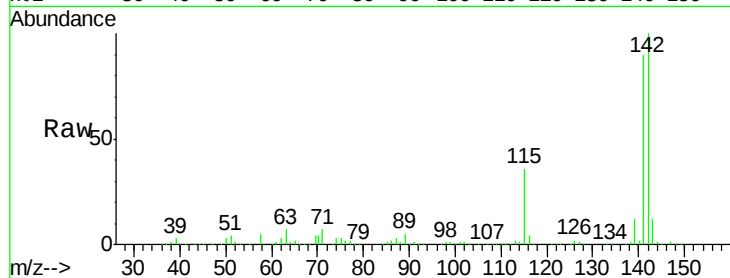
Tgt Ion:142 Resp: 890365

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

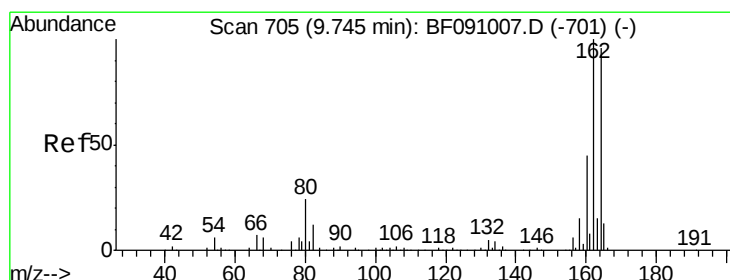
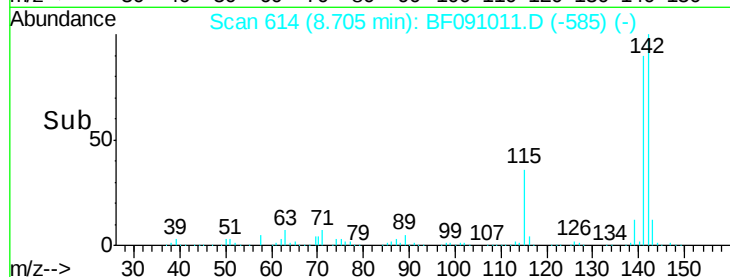
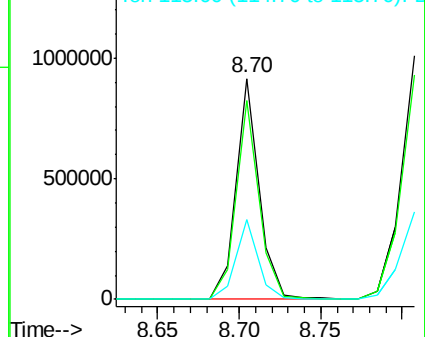
115 36.4 29.9 44.9



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: 9.74 min Scan# 705

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

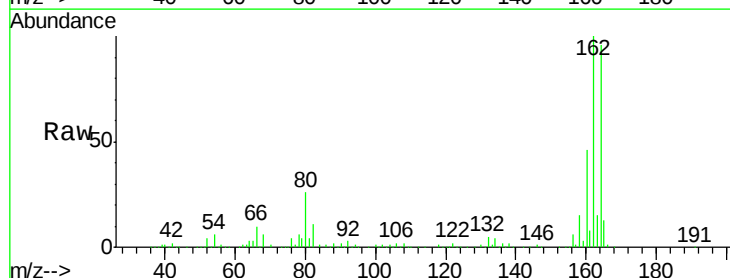
Tgt Ion:164 Resp: 395685

Ion Ratio Lower Upper

164 100

162 103.7 83.6 125.4

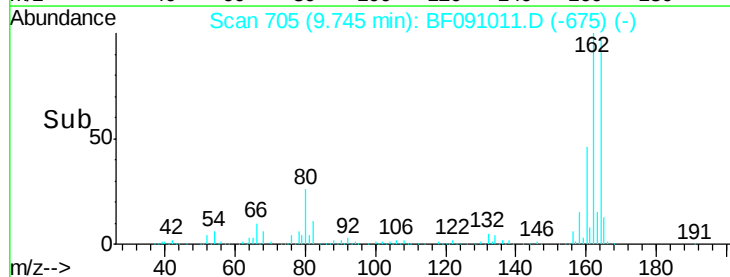
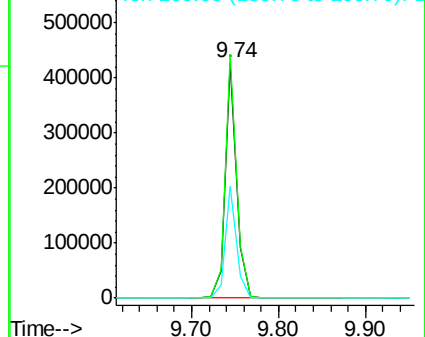
160 47.4 37.9 56.9

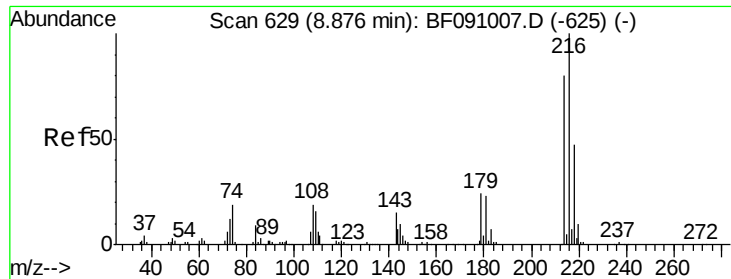


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

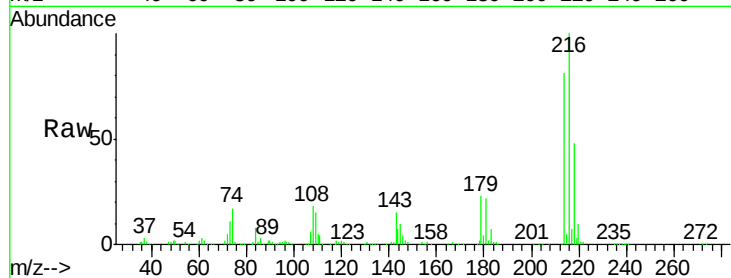




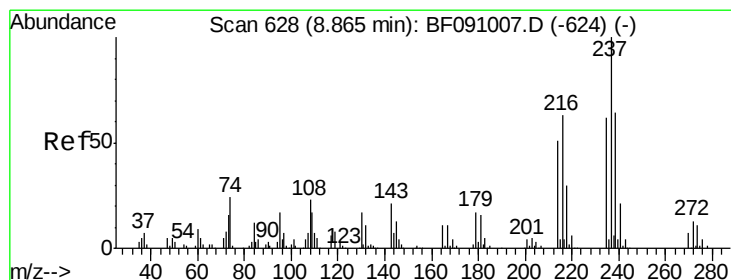
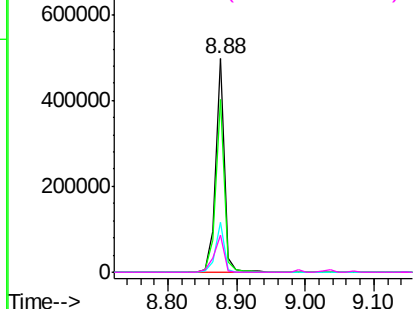
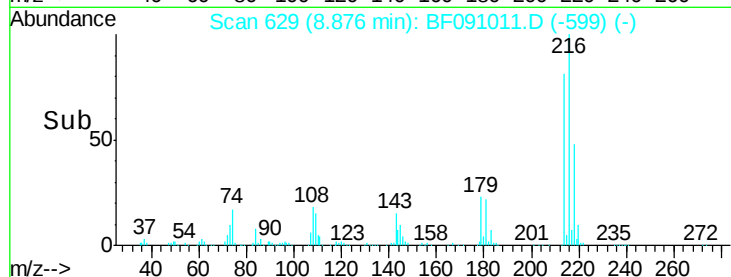
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.22 ng
 RT: 8.88 min Scan# 629
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion:	216	Resp:	446073
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.5	95.3
179	23.4	19.1	28.7
108	20.6	17.5	26.3

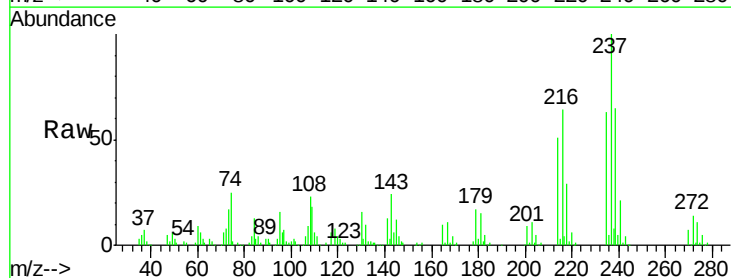


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

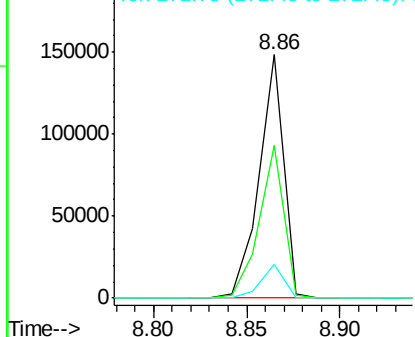
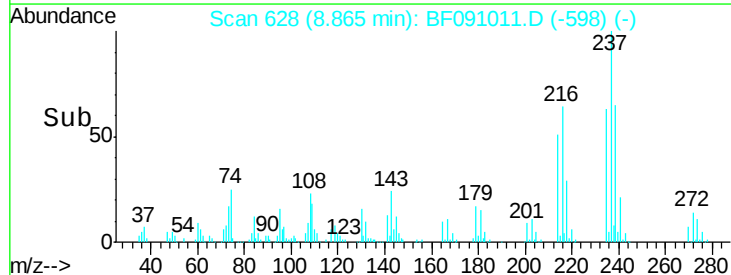


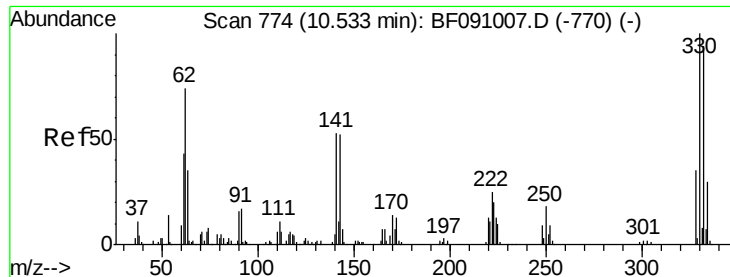
#40
 Hexachlorocyclopentadiene
 Concen: 38.28 ng
 RT: 8.86 min Scan# 628
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:	237	Resp:	134449
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.1	82.1
272	13.6	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

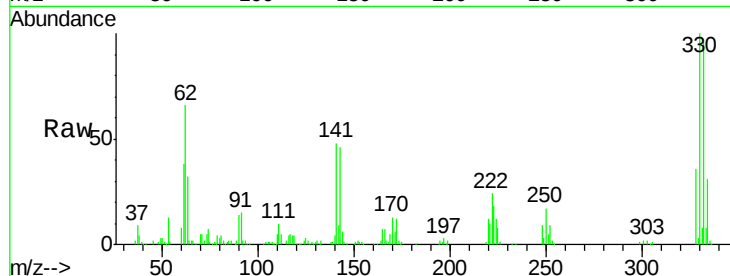




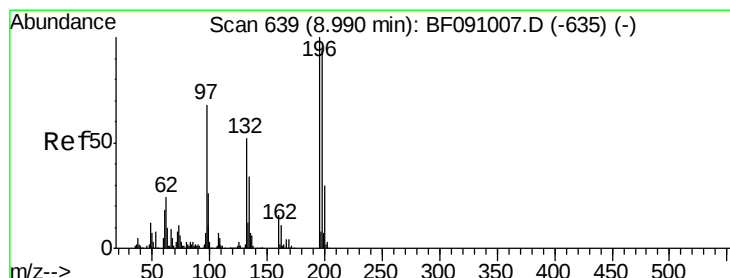
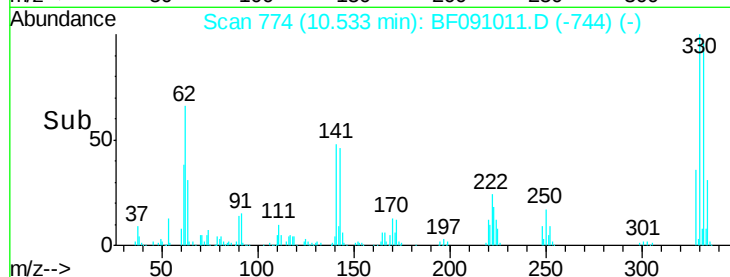
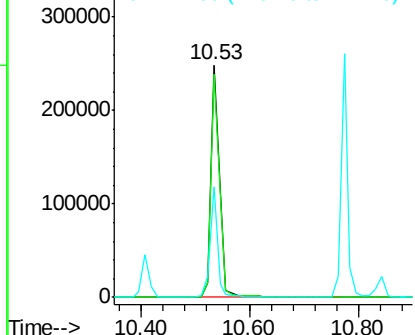
#41
 2,4,6-Tribromophenol
 Concen: 77.00 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion:330 Resp: 275464
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 42.1 36.1 54.1

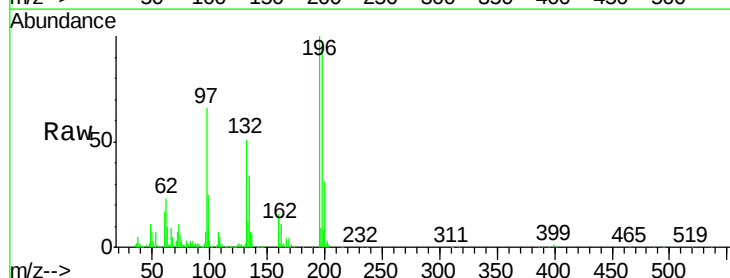


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

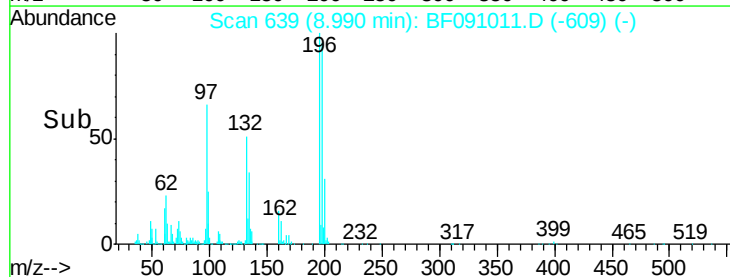
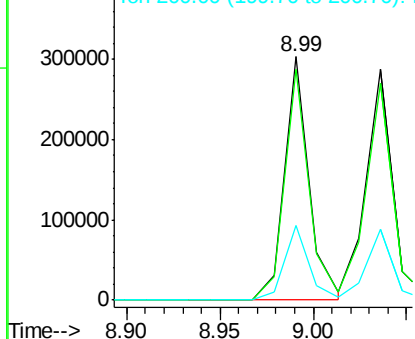


#42
 2,4,6-Trichlorophenol
 Concen: 42.73 ng
 RT: 8.99 min Scan# 639
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:196 Resp: 278267
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.4 113.0
 200 30.6 24.1 36.1



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

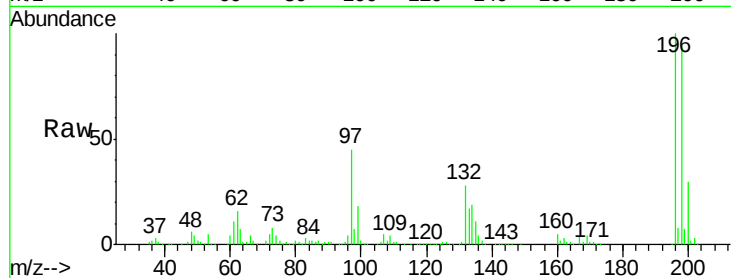




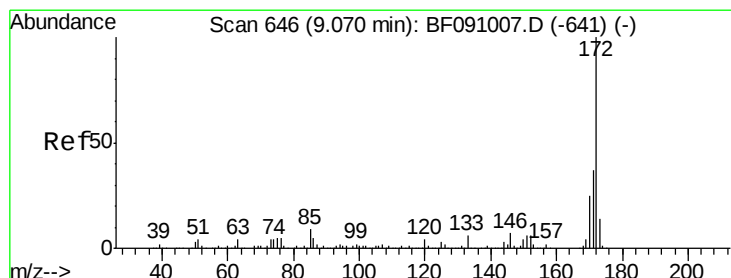
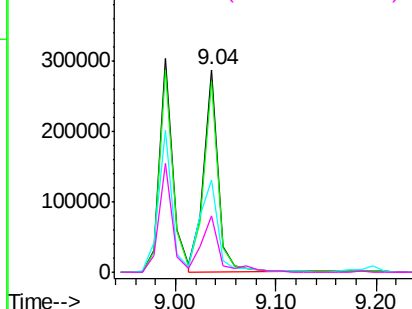
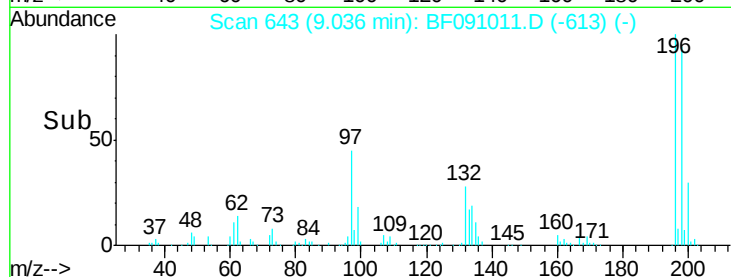
#43
 2,4,5-Trichlorophenol
 Concen: 42.41 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion:196 Resp: 289999
 Ion Ratio Lower Upper
 196 100
 198 93.8 78.2 117.4
 97 45.4 38.8 58.2
 132 27.9 23.5 35.3

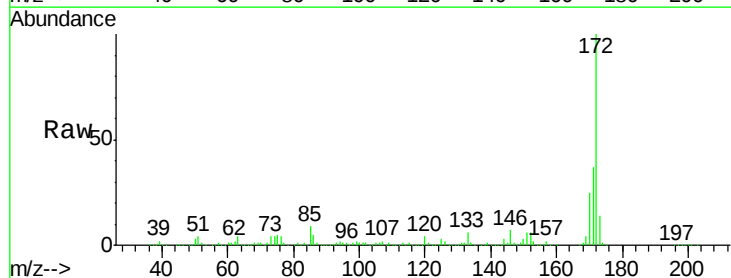


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

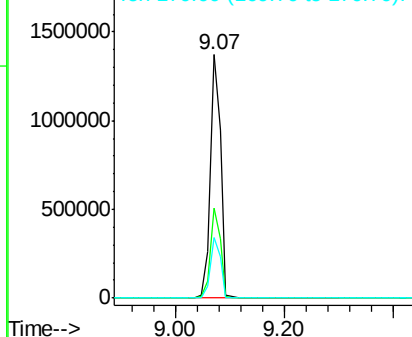
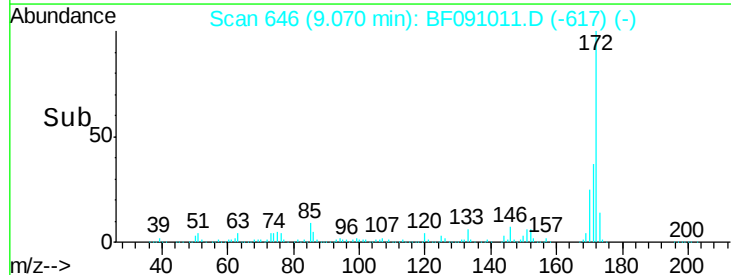


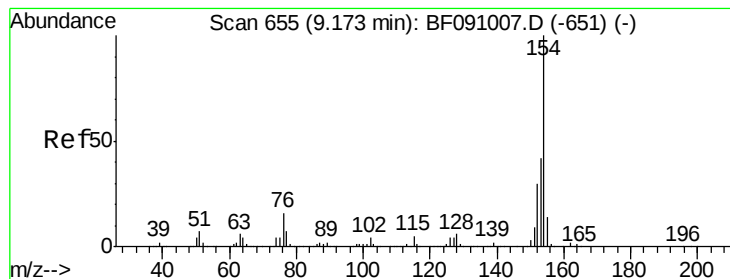
#44
 2-Fluorobiphenyl
 Concen: 79.26 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.03 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:172 Resp: 1821573
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.1 20.3 30.5



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





#45

1,1'-Biphenyl

Concen: 41.11 ng

RT: 9.17 min Scan# 655

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

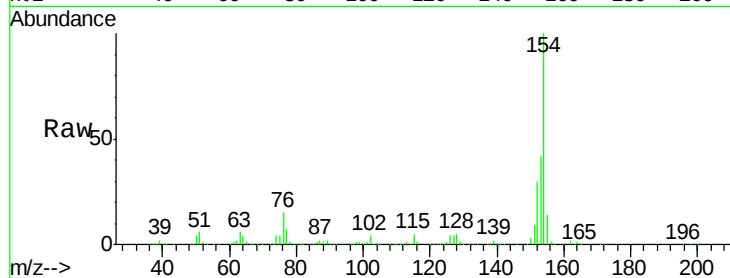
Tgt Ion:154 Resp: 1187913

Ion Ratio Lower Upper

154 100

153 41.8 21.6 61.6

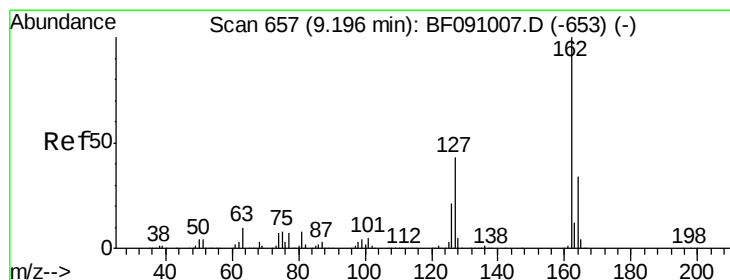
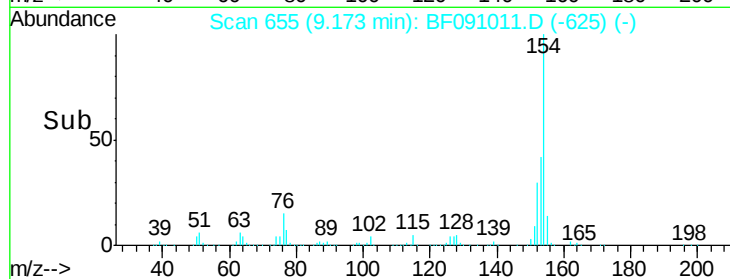
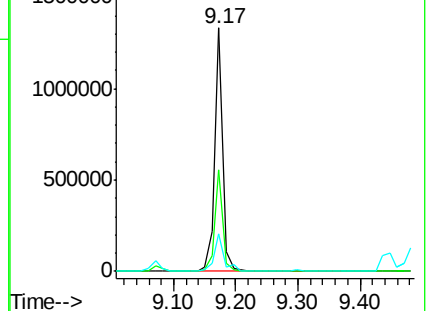
76 15.4 0.0 36.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.44 ng

RT: 9.20 min Scan# 657

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

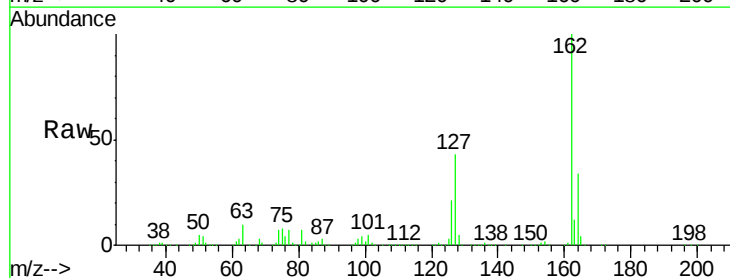
Tgt Ion:162 Resp: 909116

Ion Ratio Lower Upper

162 100

127 43.4 34.7 52.1

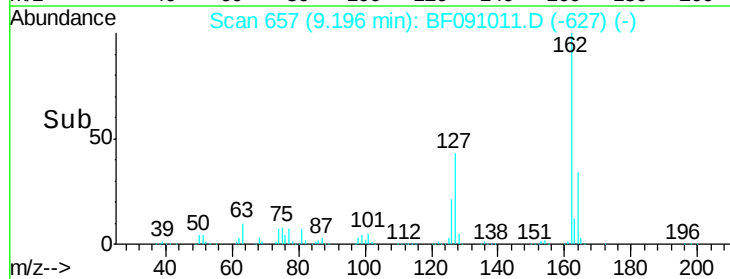
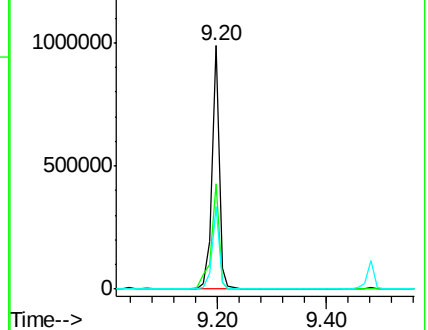
164 33.9 27.0 40.4

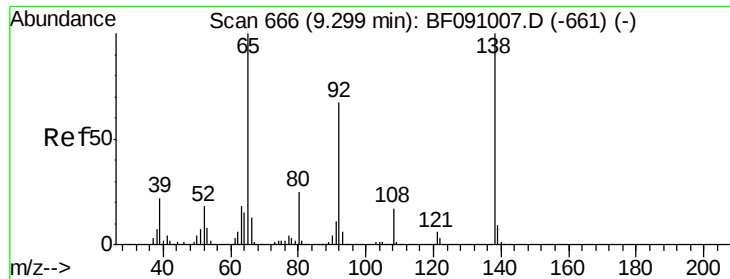


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

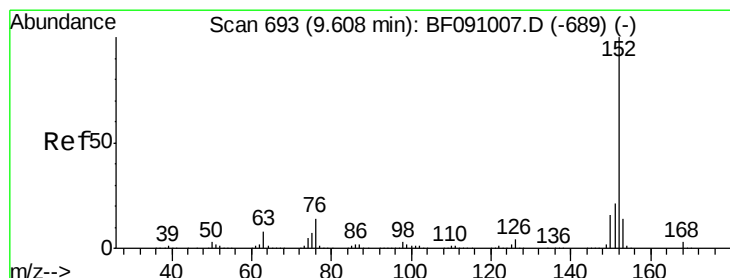
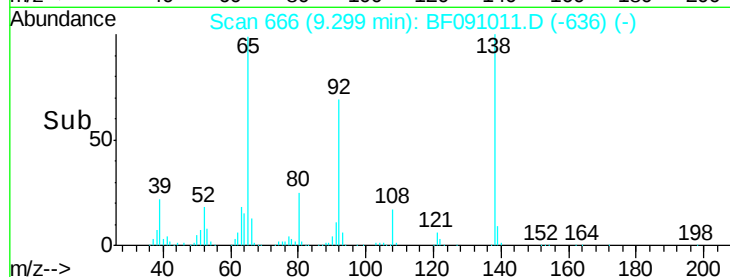
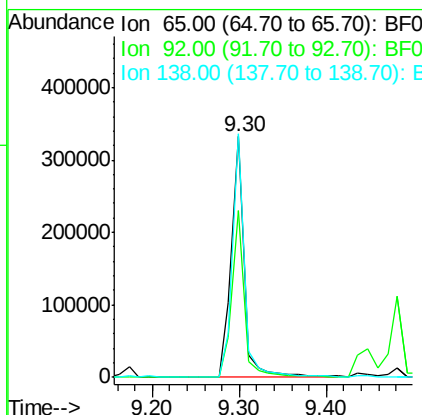
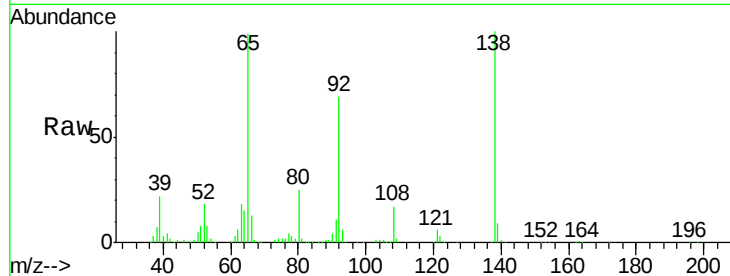




#47
2-Nitroaniline
Concen: 43.03 ng
RT: 9.30 min Scan# 666
Delta R.T. 0.05 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

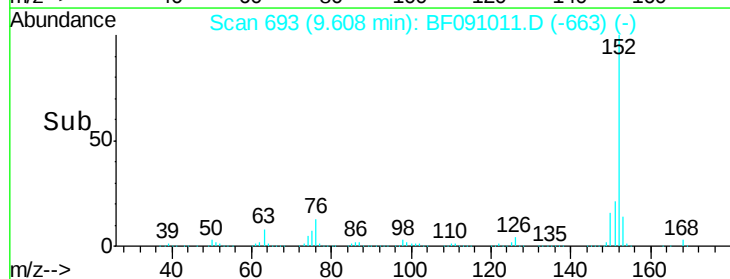
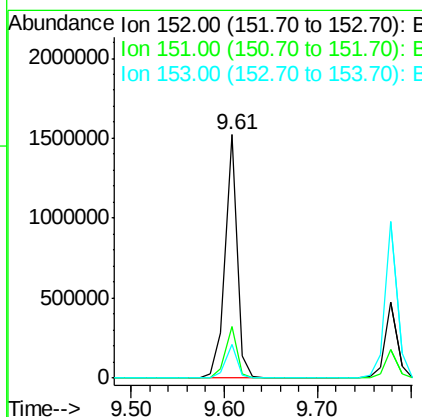
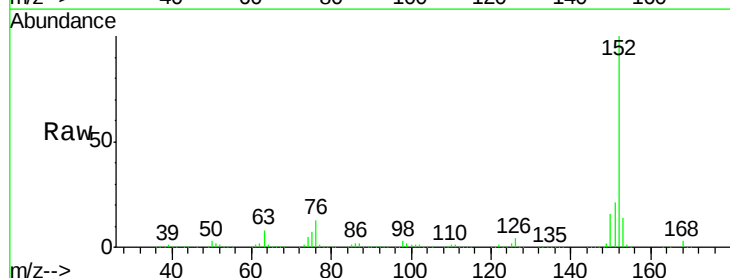
Instrument :
BNA_F
ClientSampleId :
ICVBF110316

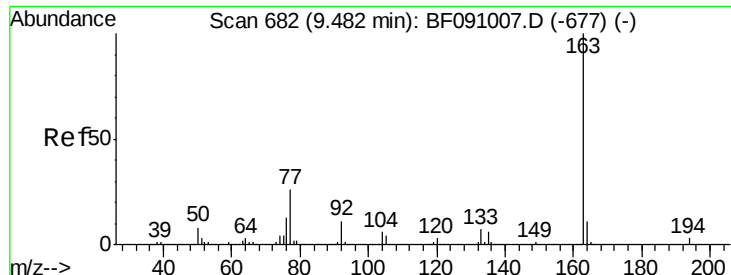
Tgt Ion: 65 Resp: 350277
Ion Ratio Lower Upper
65 100
92 69.4 53.9 80.9
138 101.1 80.1 120.1



#48
Acenaphthylene
Concen: 39.99 ng
RT: 9.61 min Scan# 693
Delta R.T. 0.05 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion: 152 Resp: 1367153
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 13.9 11.1 16.7





#49

Dimethylphthalate

Concen: 39.21 ng

RT: 9.48 min Scan# 682

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

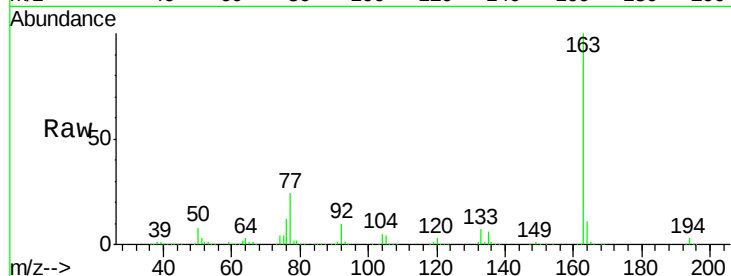
Tgt Ion:163 Resp: 1017242

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

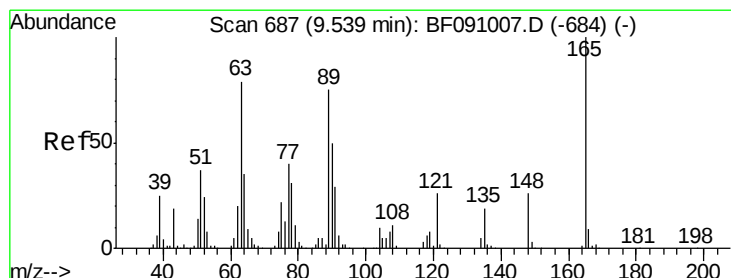
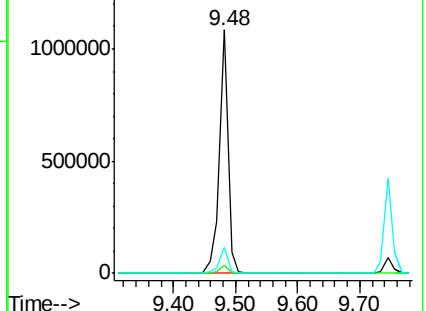
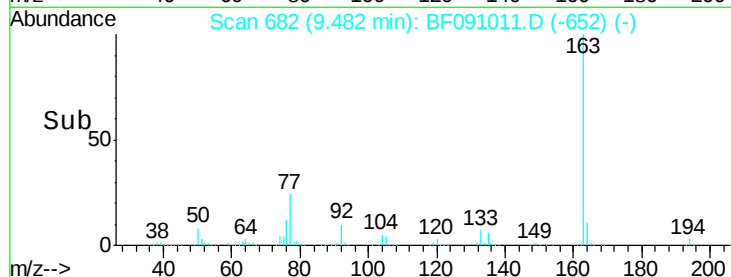
164 10.6 8.7 13.1



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: 37.44 ng

RT: 9.54 min Scan# 687

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

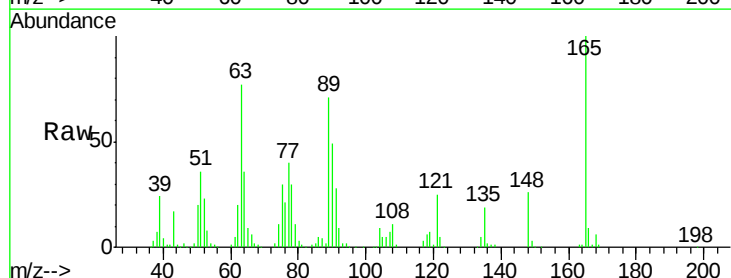
Tgt Ion:165 Resp: 208161

Ion Ratio Lower Upper

165 100

63 77.2 65.6 98.4

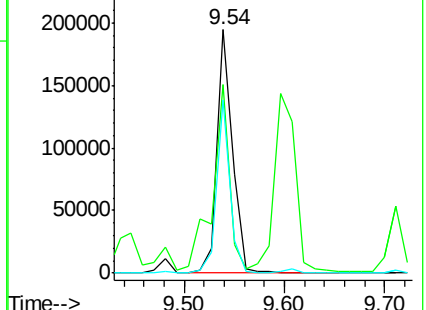
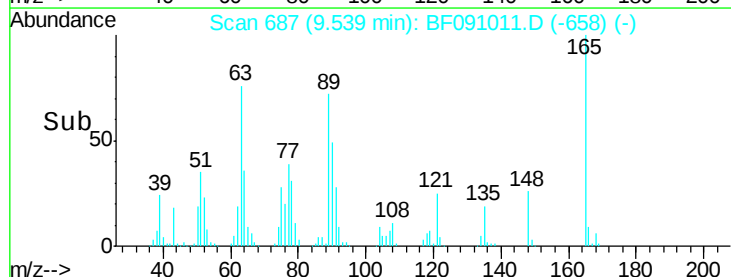
89 71.2 59.8 89.6

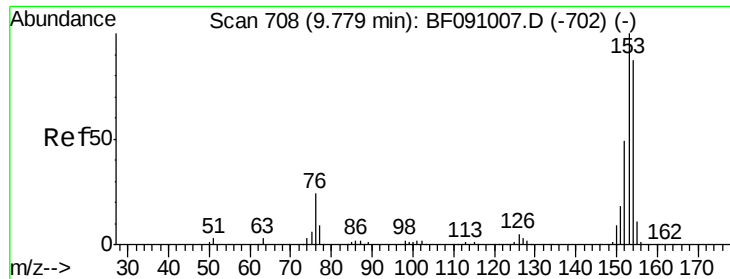


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.05 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

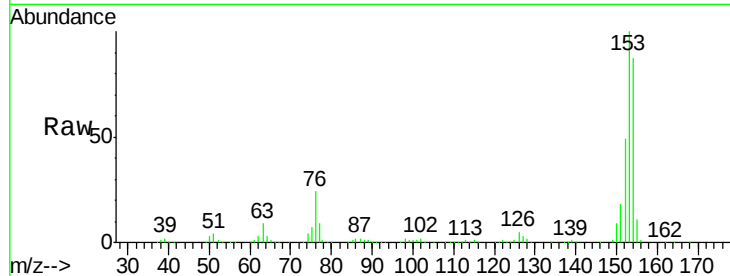
Tgt Ion:154 Resp: 795175

Ion Ratio Lower Upper

154 100

153 115.1 91.6 137.4

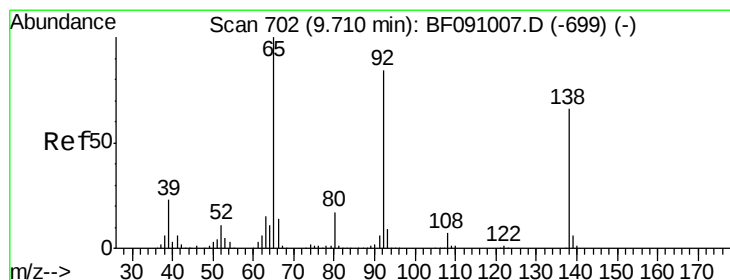
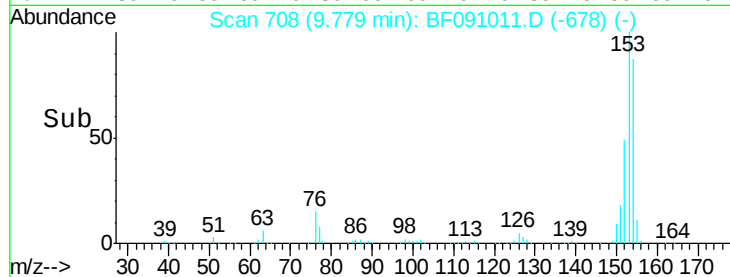
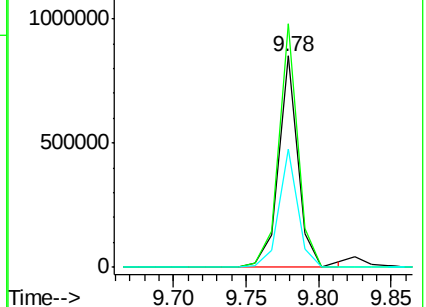
152 56.1 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.12 ng

RT: 9.71 min Scan# 702

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

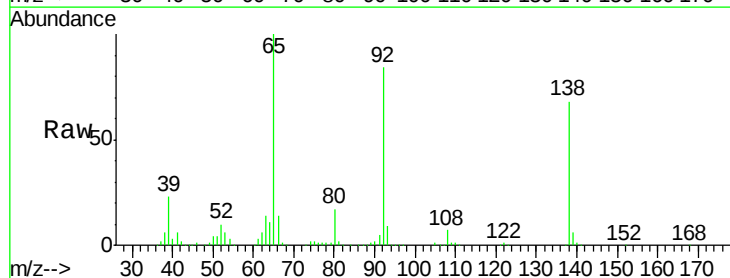
Tgt Ion:138 Resp: 257935

Ion Ratio Lower Upper

138 100

108 10.7 8.4 12.6

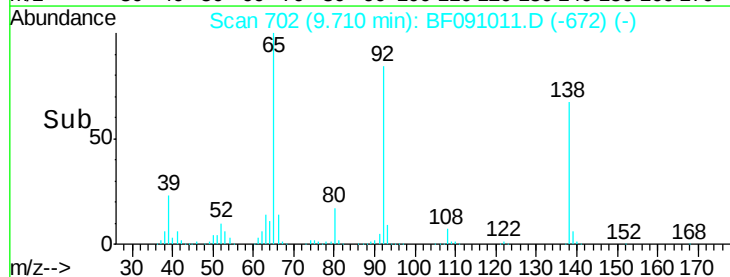
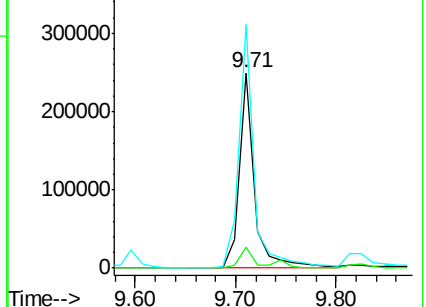
92 124.6 101.1 151.7

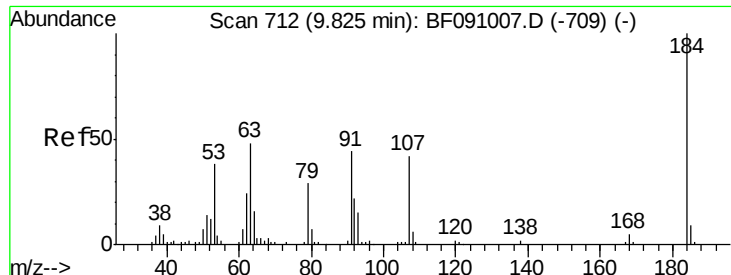


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

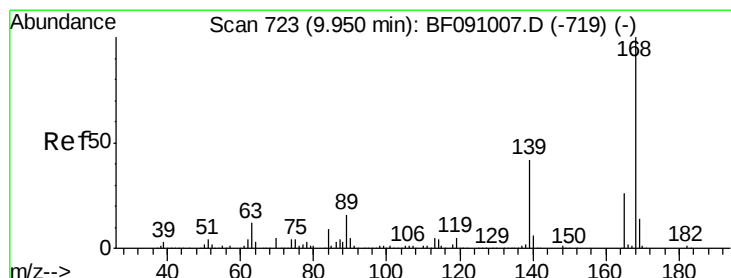
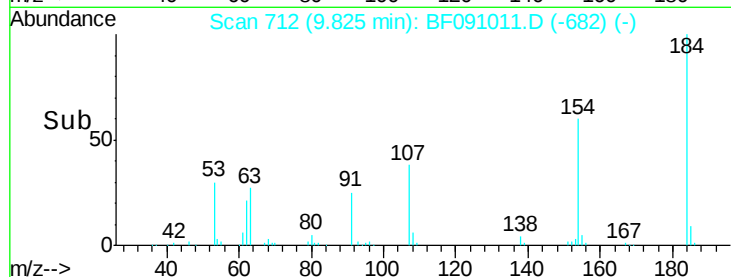
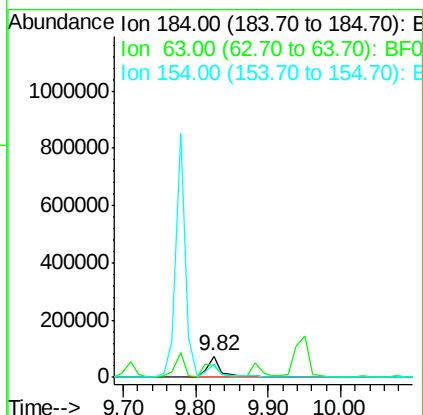
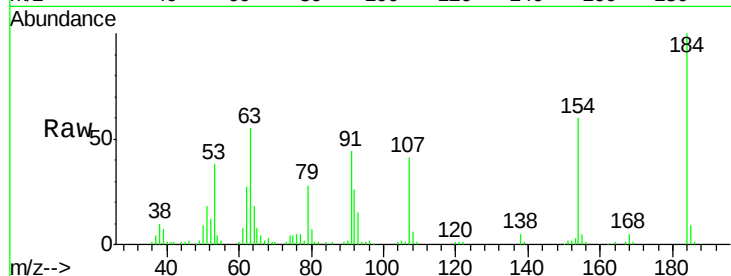




#53
2,4-Dinitrophenol
Concen: 37.65 ng
RT: 9.82 min Scan# 712
Delta R.T. 0.05 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

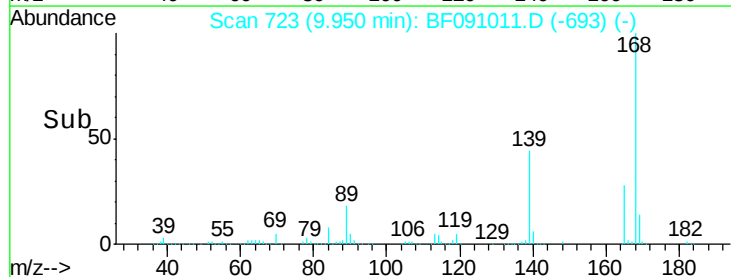
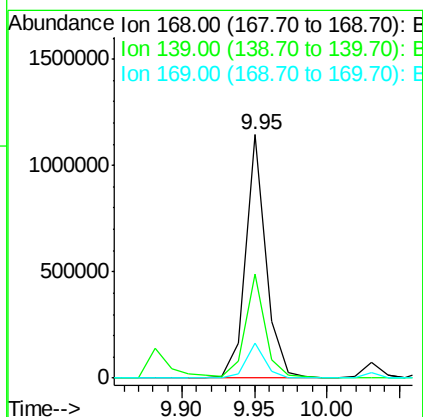
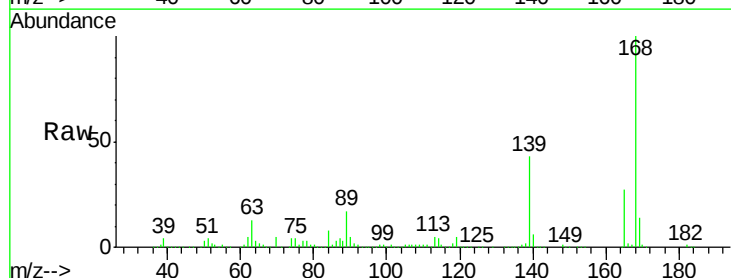
Instrument :
BNA_F
ClientSampleId :
ICVBF110316

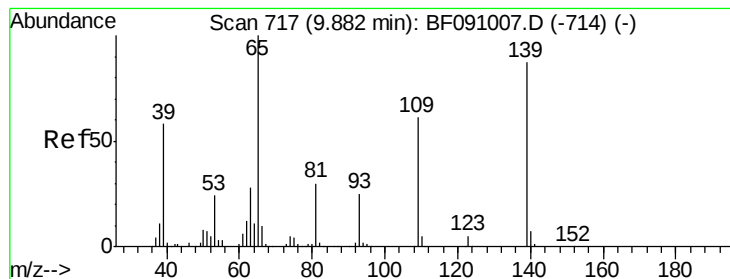
Tgt Ion:184 Resp: 103140
Ion Ratio Lower Upper
184 100
63 54.8 45.5 68.3
154 60.2 51.0 76.4



#54
Dibenzofuran
Concen: 38.45 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.05 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion:168 Resp: 1110717
Ion Ratio Lower Upper
168 100
139 42.6 34.8 52.2
169 14.2 11.4 17.2





#55

4-Nitrophenol

Concen: 38.92 ng

RT: 9.88 min Scan# 717

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

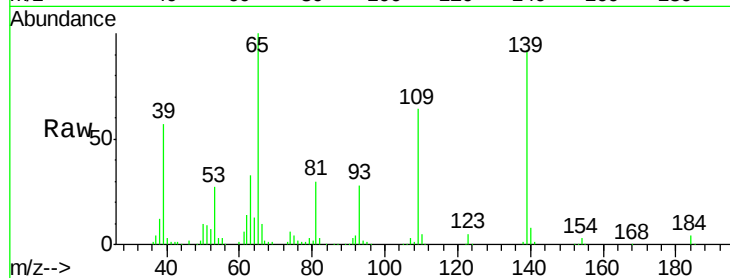
Tgt Ion:139 Resp: 156985

Ion Ratio Lower Upper

139 100

109 69.1 50.5 90.5

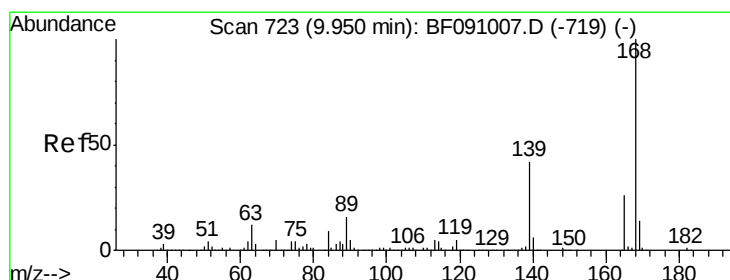
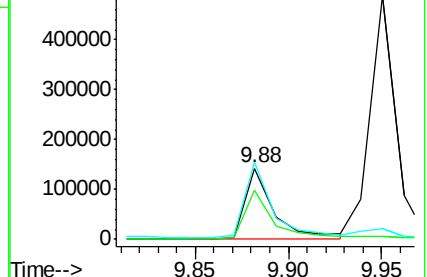
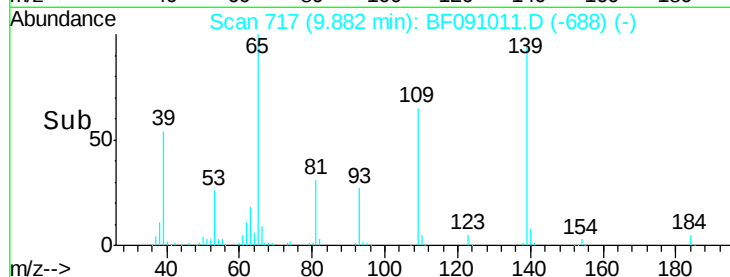
65 108.6 97.1 137.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.86 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:165 Resp: 317404

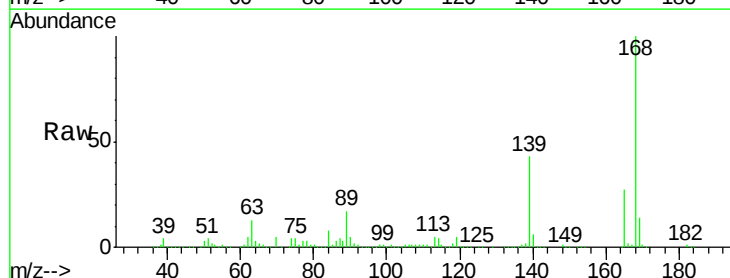
Ion Ratio Lower Upper

165 100

63 46.9 38.7 58.1

89 63.6 50.6 76.0

182 2.4 1.8 2.8

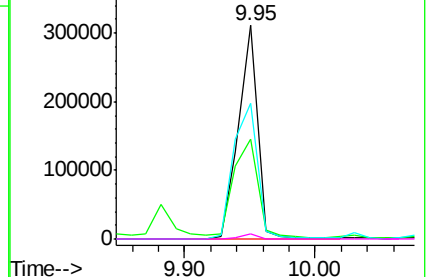
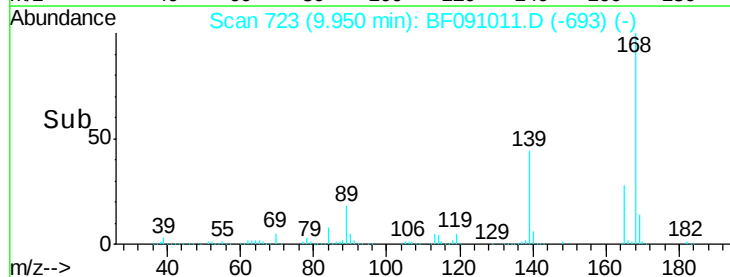


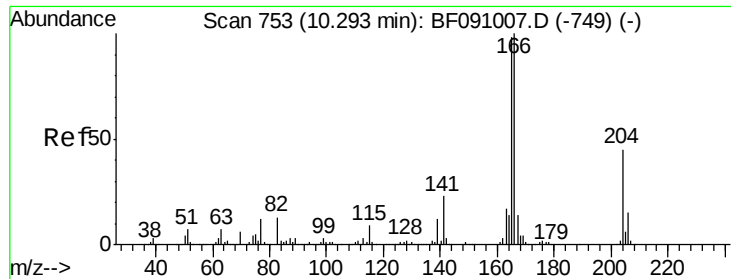
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

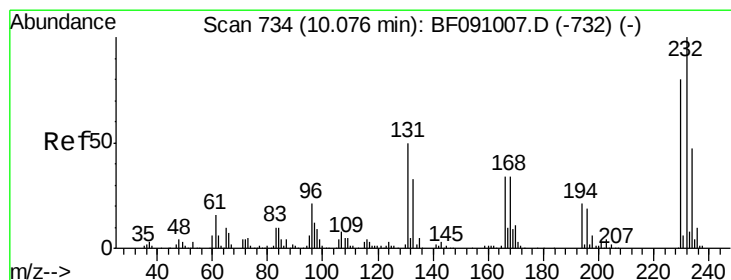
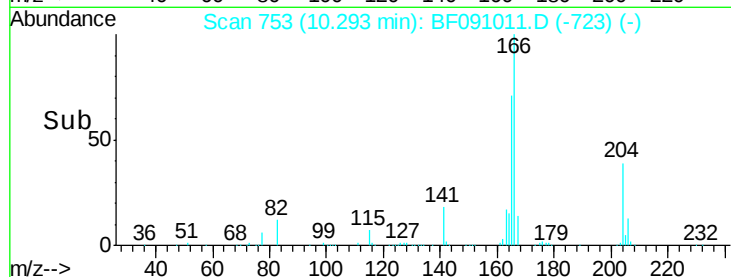
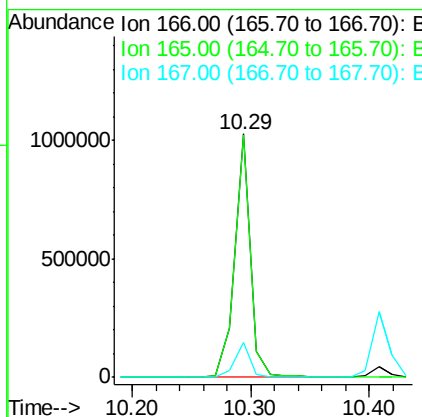
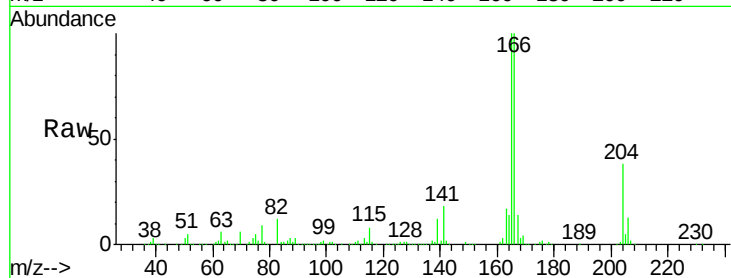




#57
 Fluorene
 Concen: 40.19 ng
 RT: 10.29 min Scan# 753
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

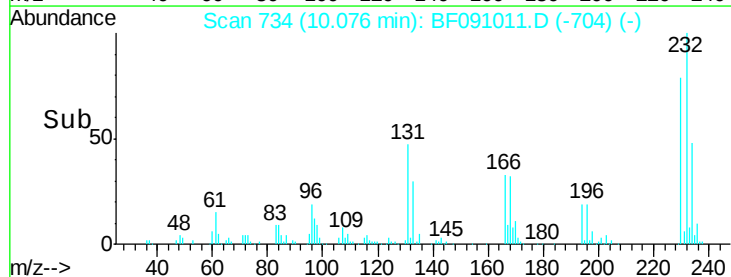
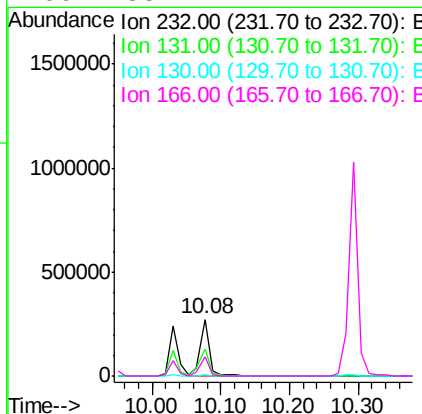
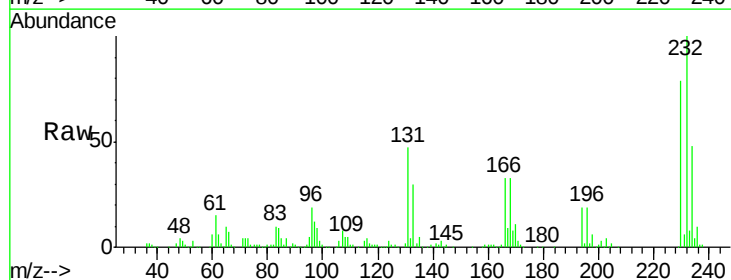
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

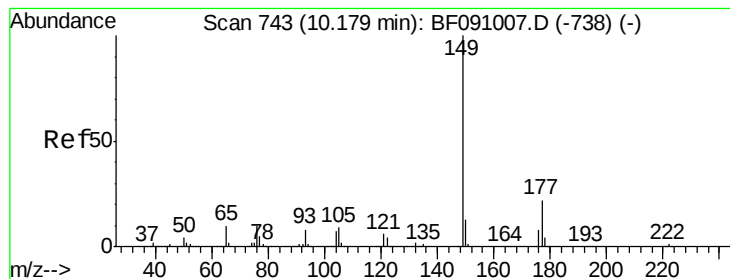
Tgt Ion:166 Resp: 949187
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.6 118.0
 167 14.2 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.13 ng
 RT: 10.08 min Scan# 734
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:232 Resp: 247082
 Ion Ratio Lower Upper
 232 100
 131 50.4 43.6 65.4
 130 2.3 2.0 3.0
 166 33.2 27.4 41.2





#59

Diethylphthalate

Concen: 41.41 ng

RT: 10.18 min Scan# 743

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

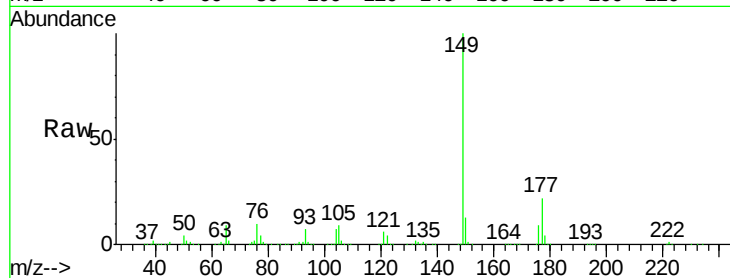
Tgt Ion:149 Resp: 1101461

Ion Ratio Lower Upper

149 100

177 22.1 17.3 25.9

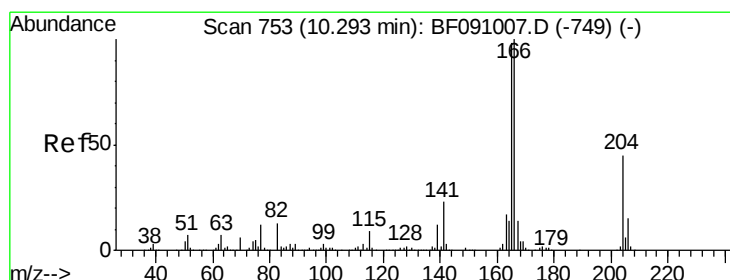
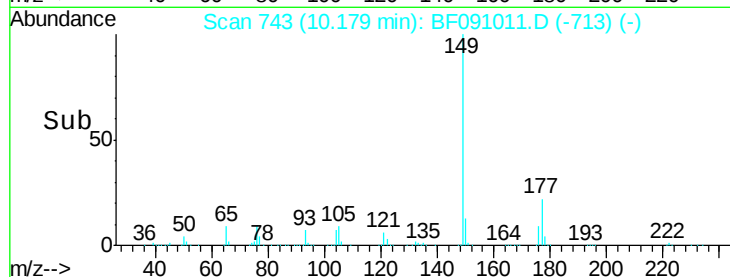
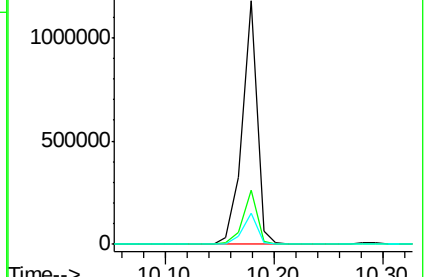
150 12.8 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.12 ng

RT: 10.29 min Scan# 753

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

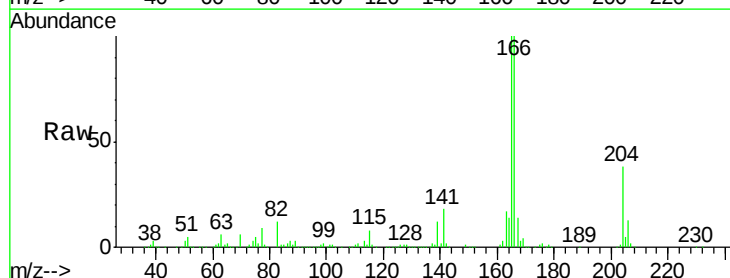
Tgt Ion:204 Resp: 441943

Ion Ratio Lower Upper

204 100

206 33.6 27.1 40.7

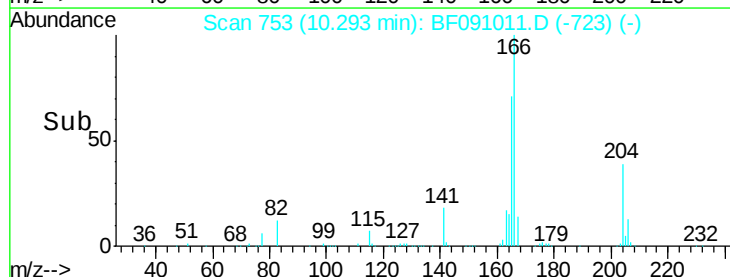
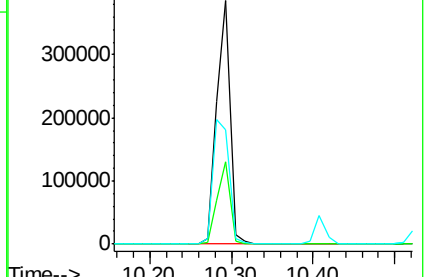
141 47.1 40.1 60.1

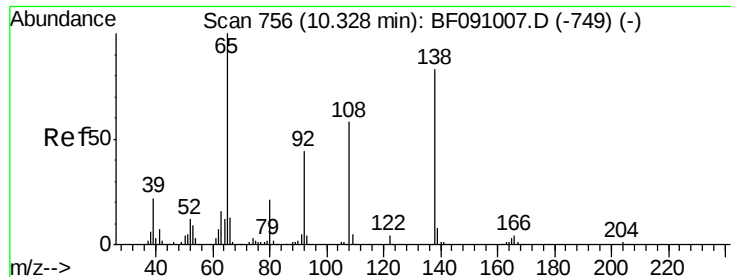


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.34 ng

RT: 10.33 min Scan# 756

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

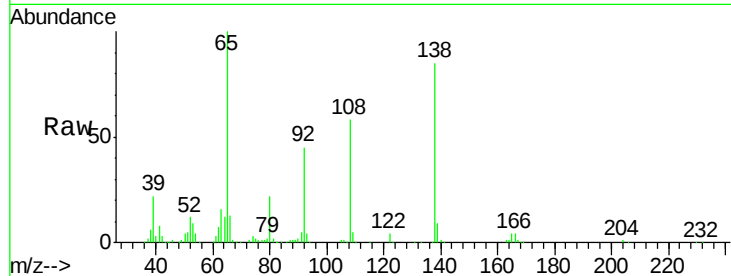
Tgt Ion:138 Resp: 282402

Ion Ratio Lower Upper

138 100

92 53.0 32.5 72.5

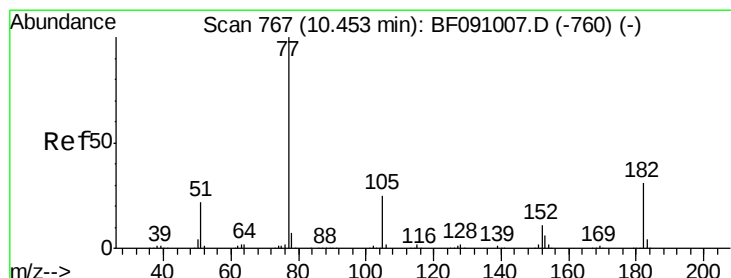
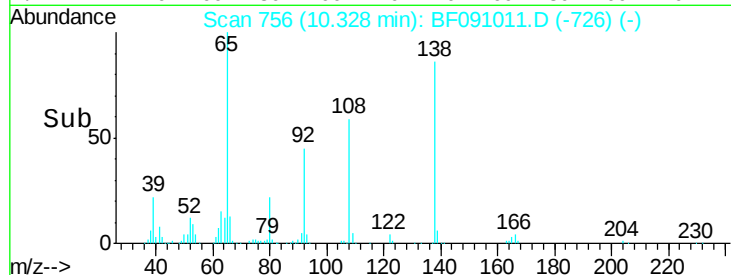
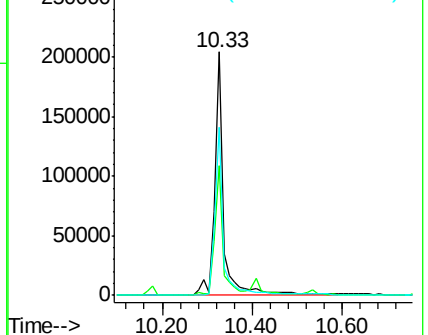
108 68.8 49.4 89.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.50 ng

RT: 10.44 min Scan# 766

Delta R.T. 0.03 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion: 77 Resp: 1174326

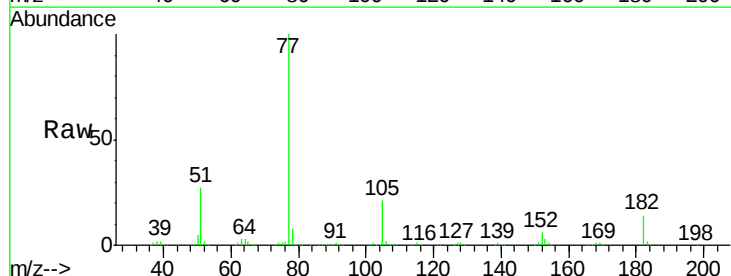
Ion Ratio Lower Upper

77 100

182 13.5 11.0 51.0

105 20.8 5.6 45.6

51 26.8 2.7 42.7

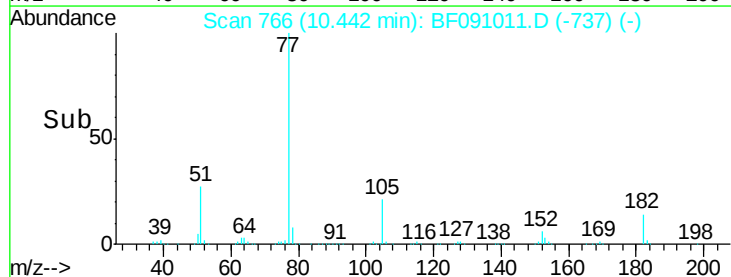
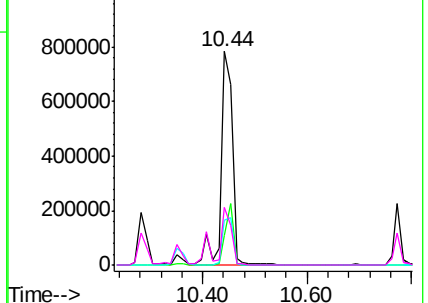


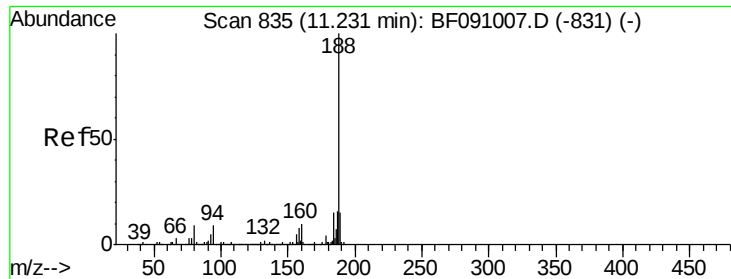
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

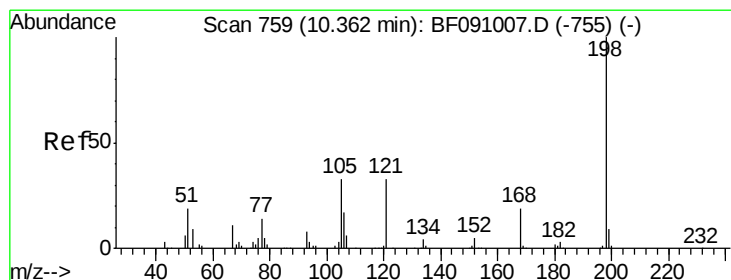
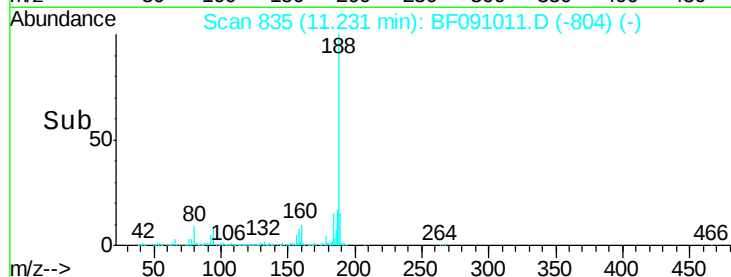
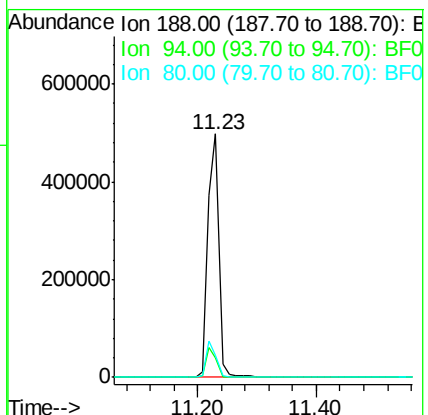
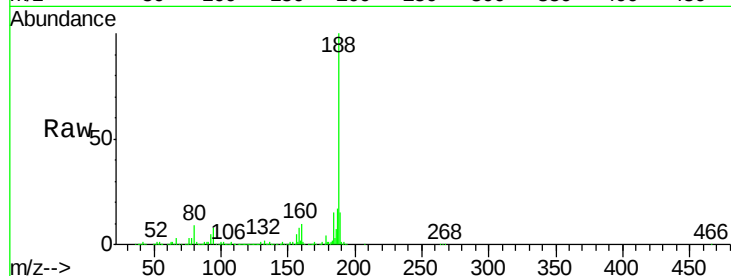




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 835
Delta R.T. 0.06 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

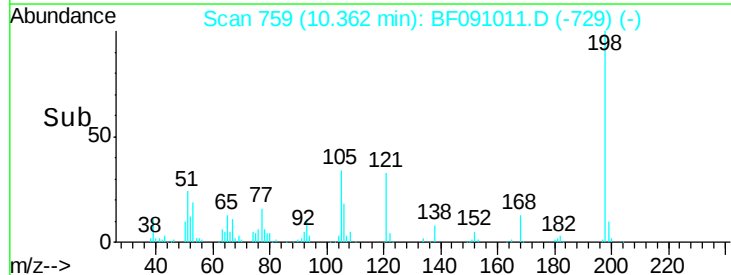
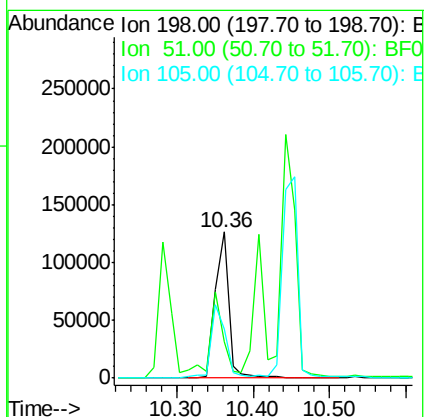
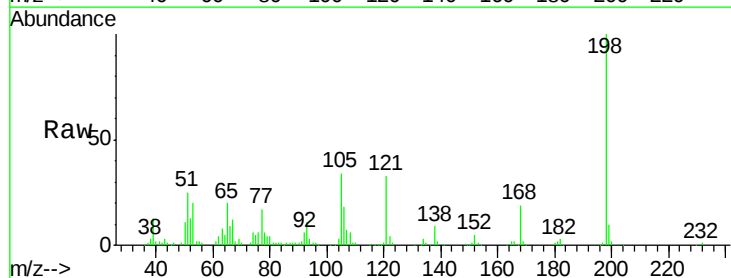
Instrument :
BNA_F
ClientSampleId :
ICVBF110316

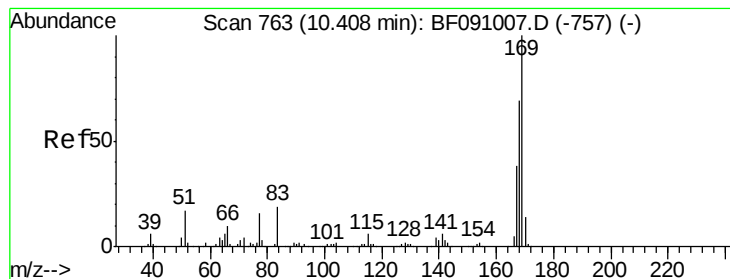
Tgt Ion:188 Resp: 638459
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.1 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 40.12 ng
RT: 10.36 min Scan# 759
Delta R.T. 0.05 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion:198 Resp: 156857
Ion Ratio Lower Upper
198 100
51 25.0 5.9 45.9
105 33.7 13.8 53.8





#65

n-Nitrosodiphenylamine

Concen: 37.53 ng

RT: 10.41 min Scan# 763

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

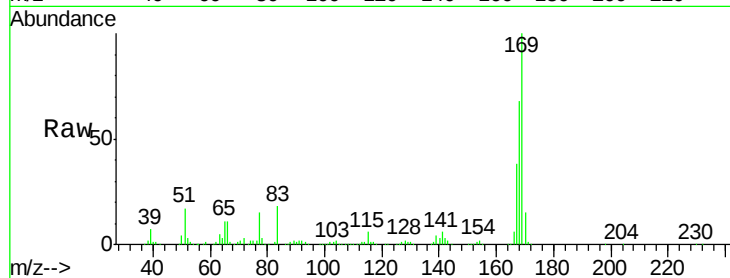
Tgt Ion:169 Resp: 761678

Ion Ratio Lower Upper

169 100

168 68.1 55.3 82.9

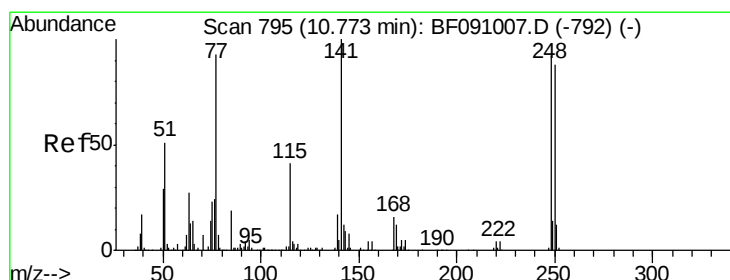
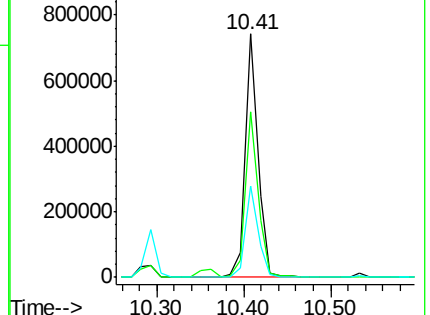
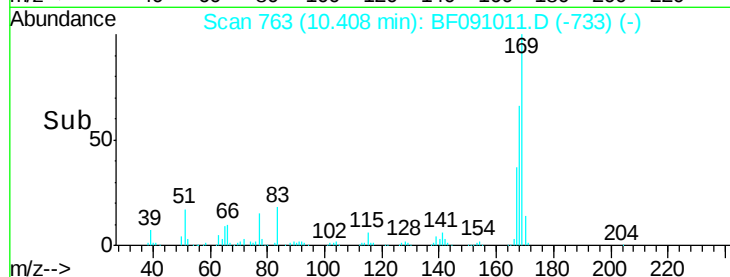
167 37.6 30.3 45.5



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: 38.18 ng

RT: 10.77 min Scan# 795

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

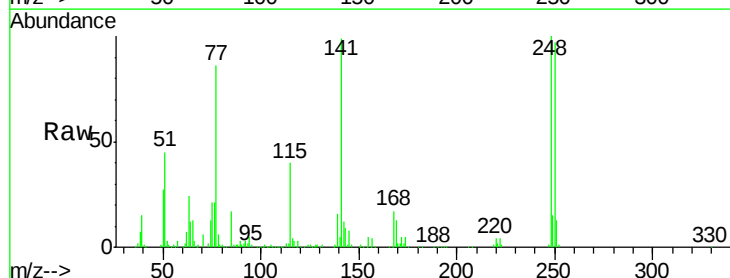
Tgt Ion:248 Resp: 253562

Ion Ratio Lower Upper

248 100

250 97.1 76.3 114.5

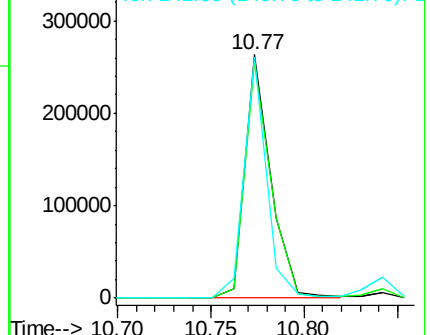
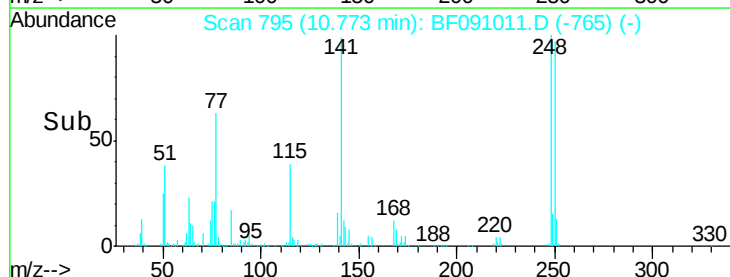
141 99.0 86.8 130.2

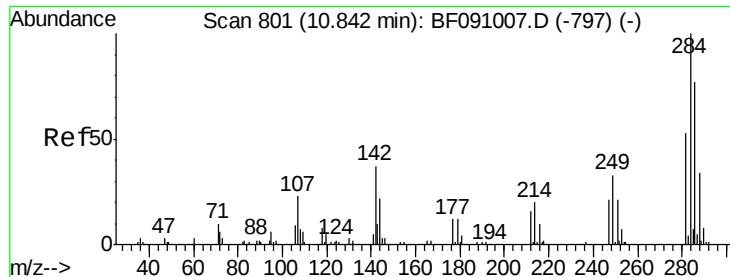


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

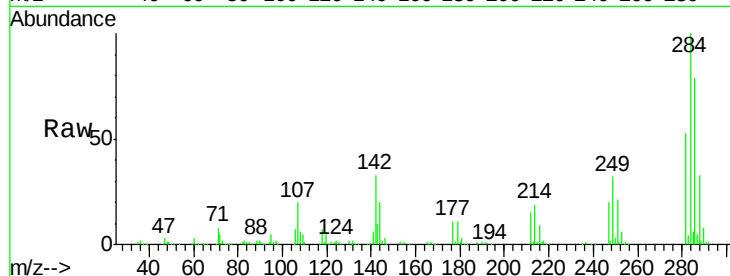




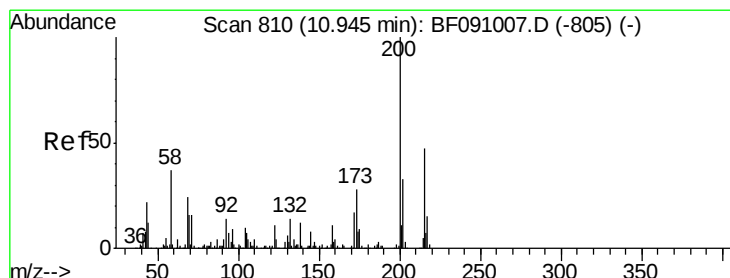
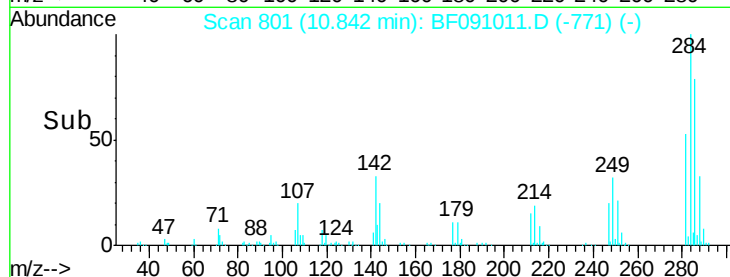
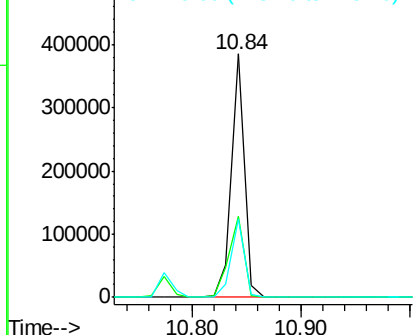
#67
Hexachlorobenzene
Concen: 43.36 ng
RT: 10.84 min Scan# 801
Delta R.T. 0.05 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion:284 Resp: 317569
Ion Ratio Lower Upper
284 100
142 33.4 29.9 44.9
249 32.1 26.6 39.8

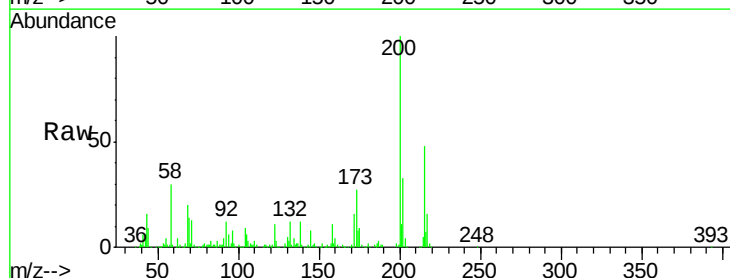


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

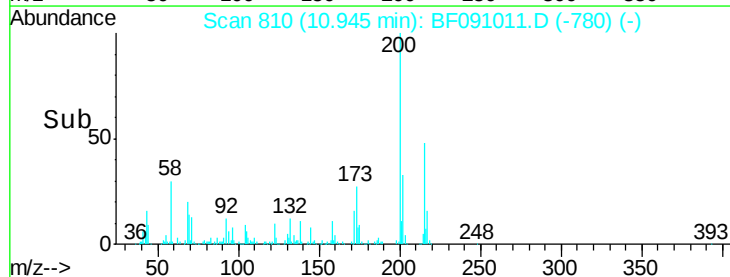
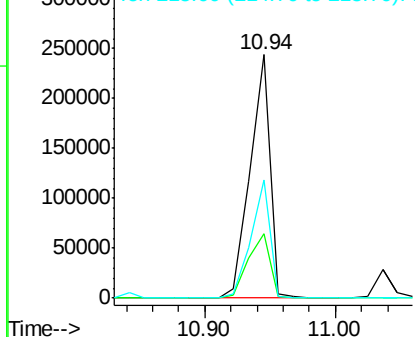


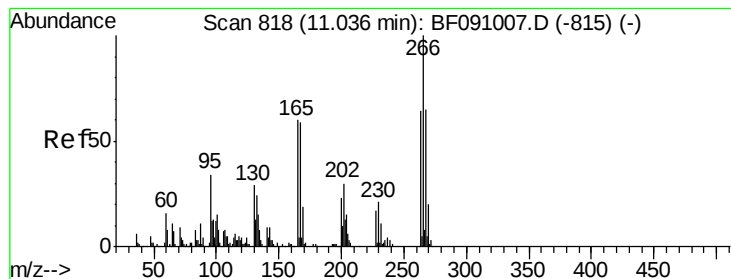
#68
Atrazine
Concen: 44.27 ng
RT: 10.94 min Scan# 810
Delta R.T. 0.05 min
Lab File: BF091011.D
Acq: 3 Nov 2016 21:35

Tgt Ion:200 Resp: 259176
Ion Ratio Lower Upper
200 100
173 26.5 8.1 48.1
215 48.3 27.3 67.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 41.70 ng

RT: 11.04 min Scan# 818

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

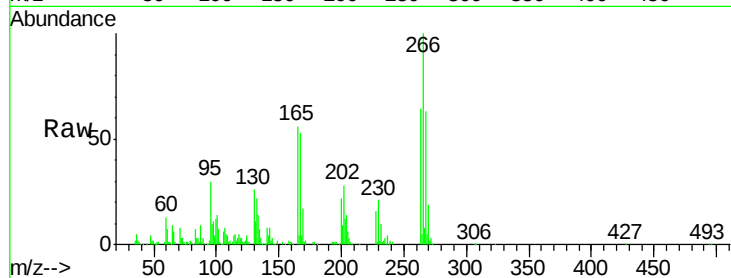
Tgt Ion:266 Resp: 135288

Ion Ratio Lower Upper

266 100

268 62.9 52.1 78.1

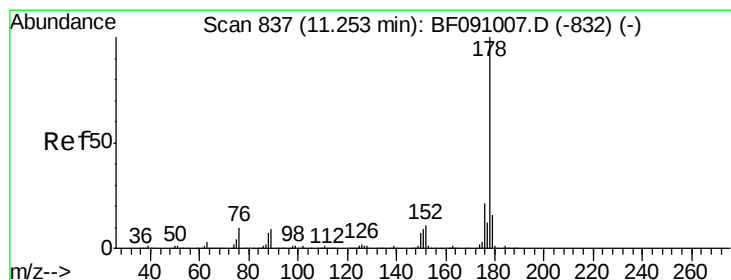
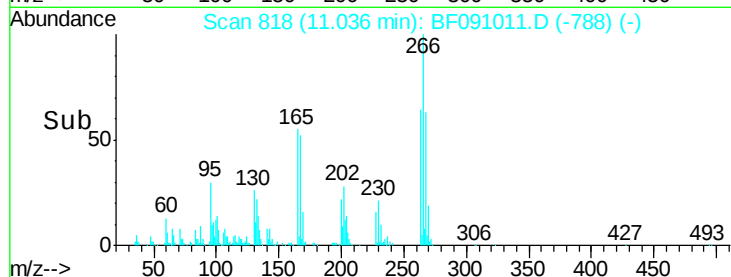
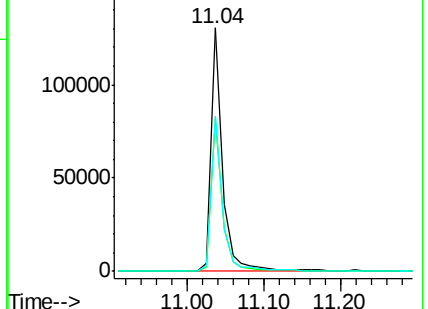
264 63.9 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.09 ng

RT: 11.25 min Scan# 837

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

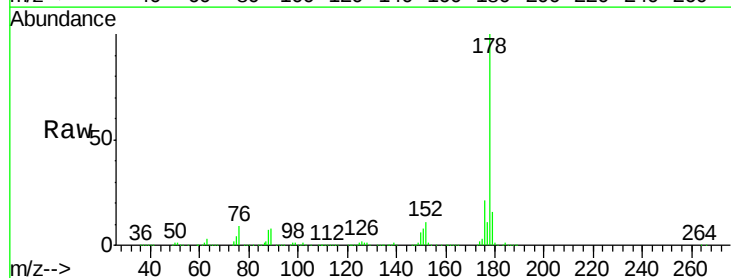
Tgt Ion:178 Resp: 1428634

Ion Ratio Lower Upper

178 100

176 20.7 16.6 25.0

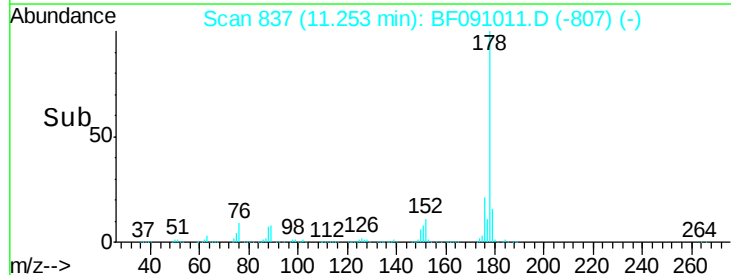
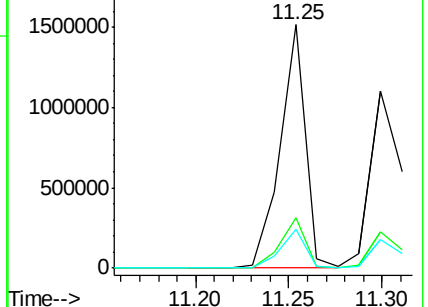
179 16.0 12.9 19.3

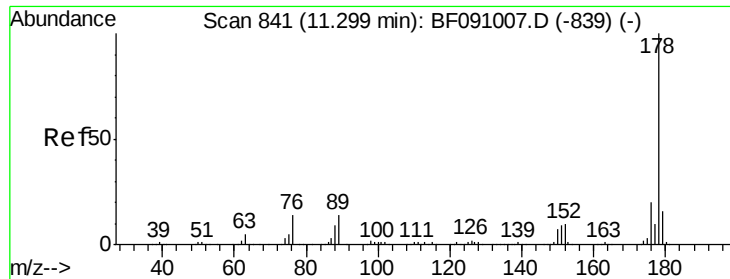


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

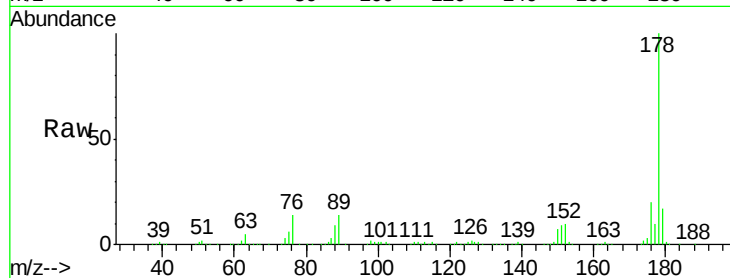




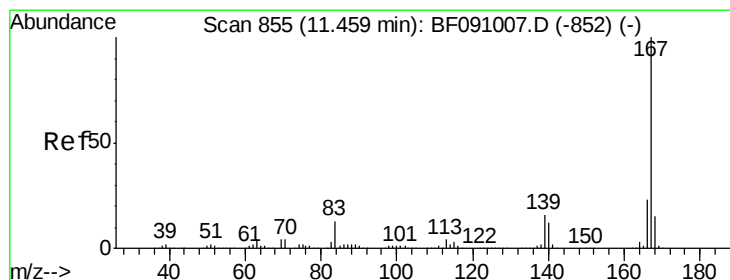
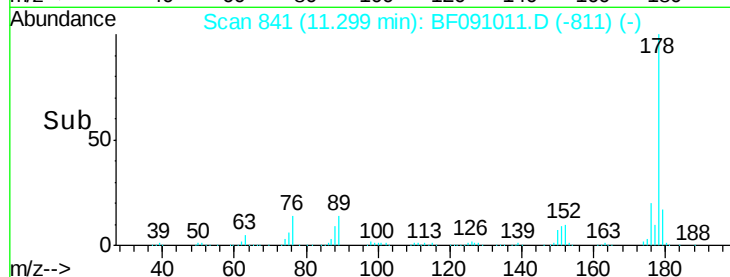
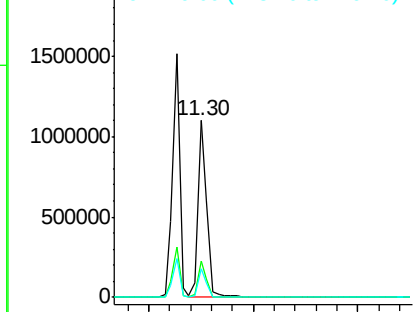
#71
 Anthracene
 Concen: 35.70 ng
 RT: 11.30 min Scan# 841
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion:178 Resp: 1288144
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.5 13.0 19.6

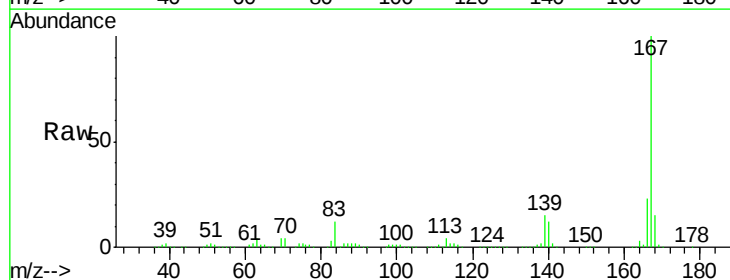


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

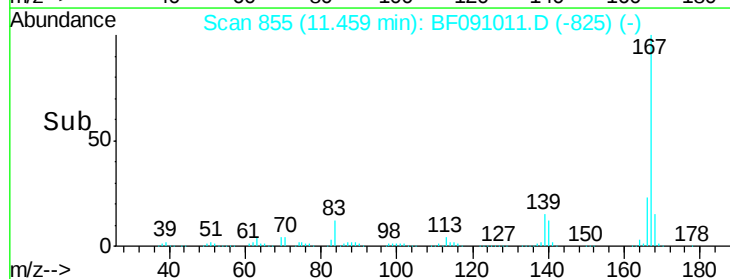
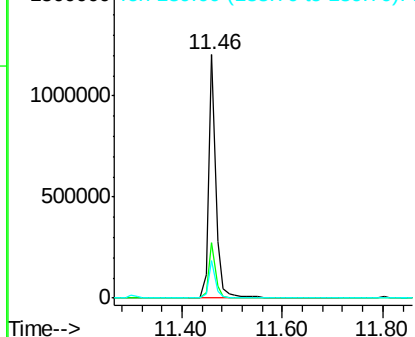


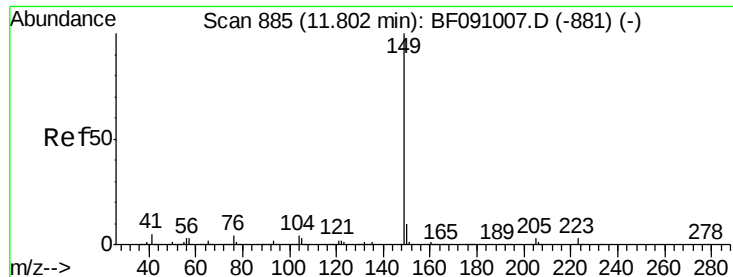
#72
 Carbazole
 Concen: 36.84 ng
 RT: 11.46 min Scan# 855
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:167 Resp: 1198027
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 15.3 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: 39.72 ng

RT: 11.80 min Scan# 885

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

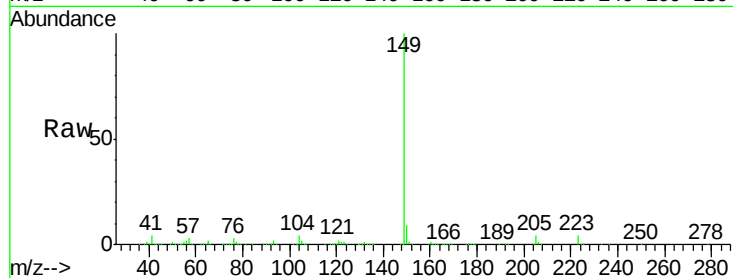
Tgt Ion:149 Resp: 1624414

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

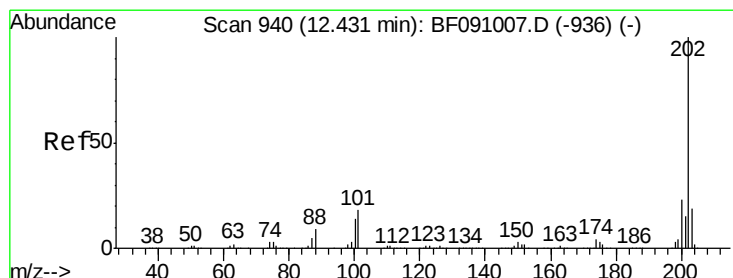
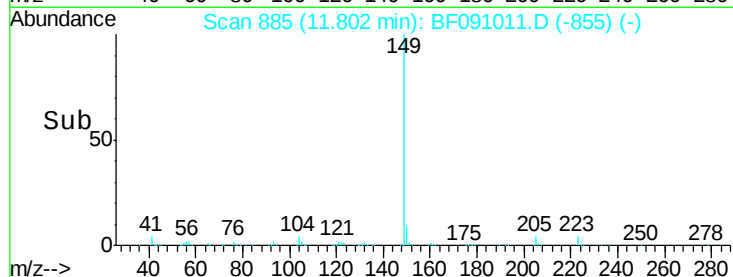
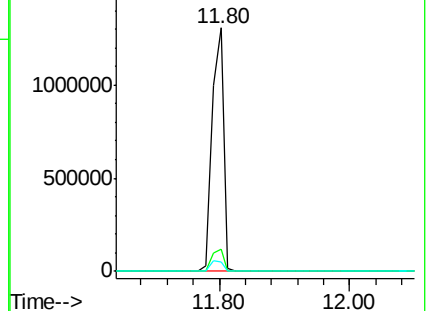
104 4.1 3.6 5.4



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: 37.72 ng

RT: 12.43 min Scan# 940

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

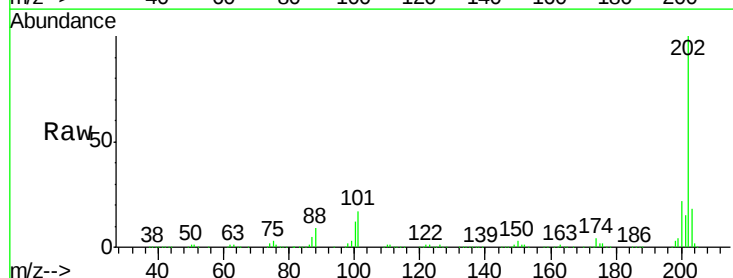
Tgt Ion:202 Resp: 1327656

Ion Ratio Lower Upper

202 100

101 16.5 0.0 37.6

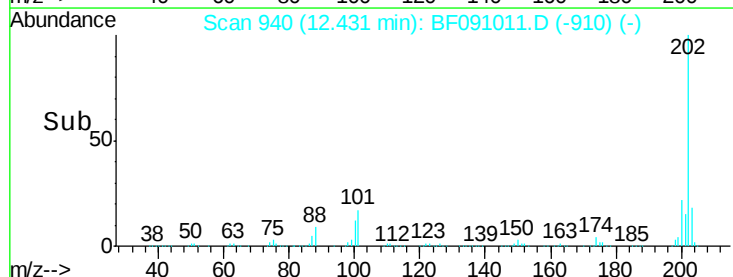
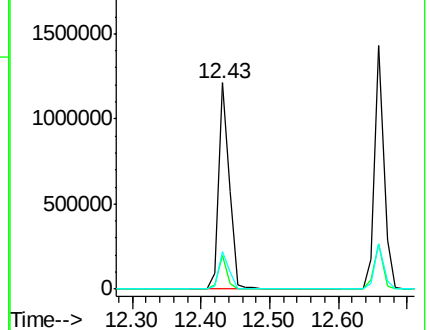
203 18.3 0.0 38.6

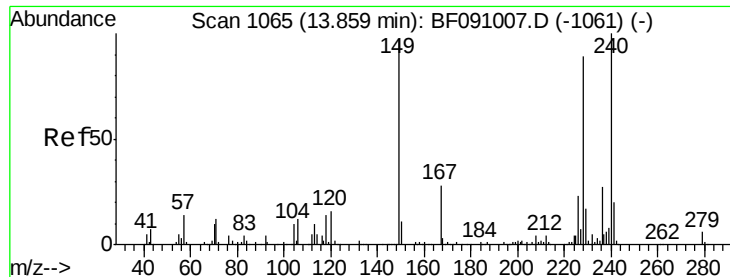


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 1065

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

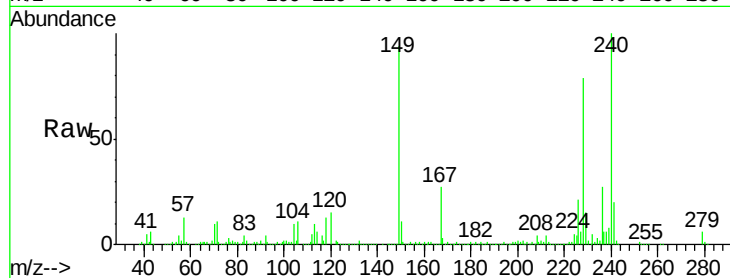
Tgt Ion:240 Resp: 563056

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

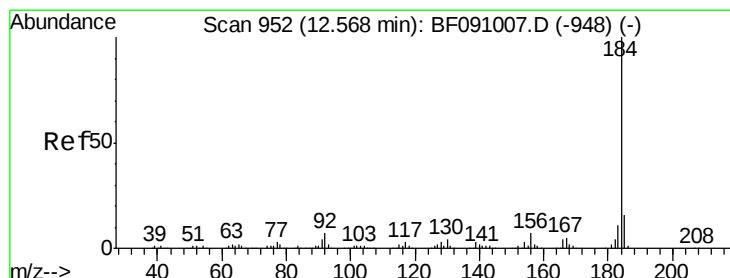
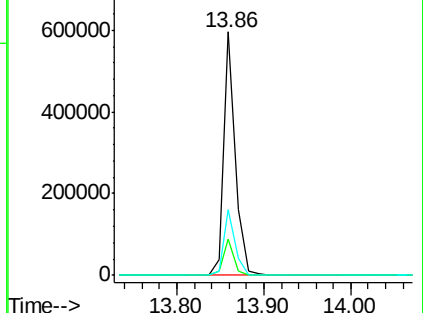
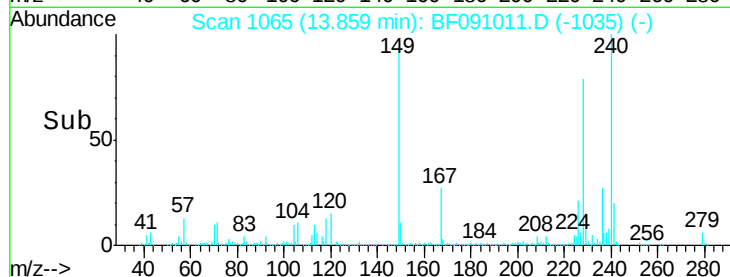
236 26.9 21.9 32.9



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: 36.92 ng

RT: 12.56 min Scan# 951

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

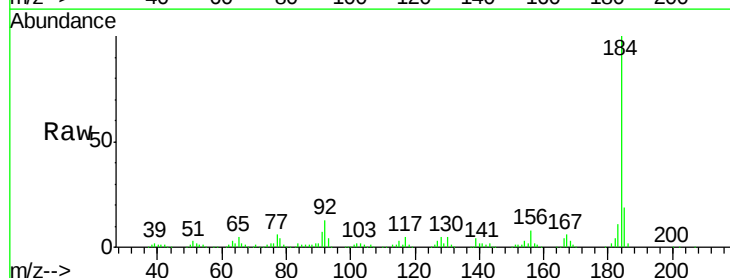
Tgt Ion:184 Resp: 464370

Ion Ratio Lower Upper

184 100

185 18.7 13.0 19.4

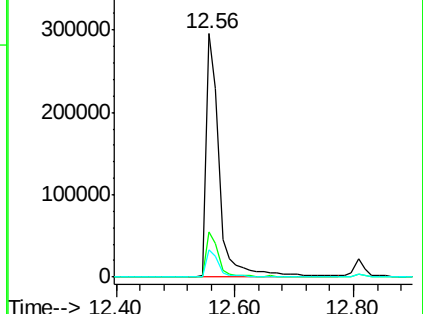
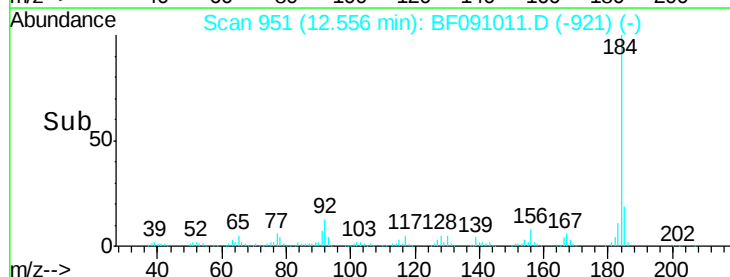
183 11.2 8.7 13.1



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



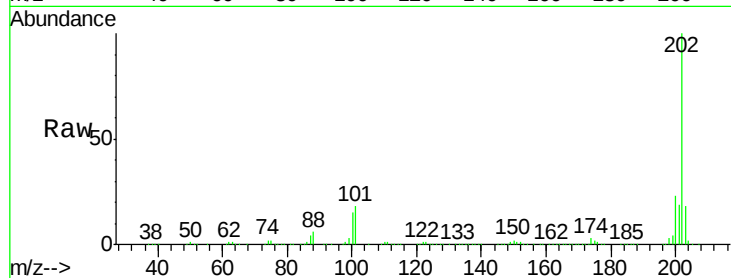


#77
 Pyrene
 Concen: 35.77 ng
 RT: 12.66 min Scan# 960
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

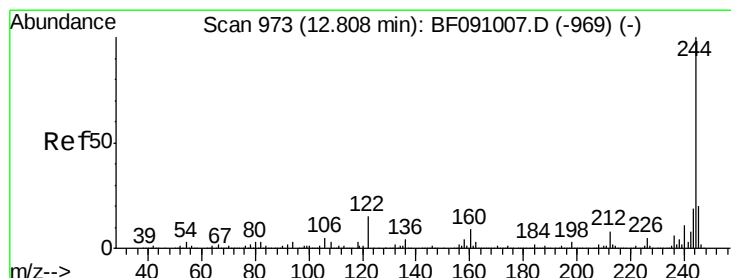
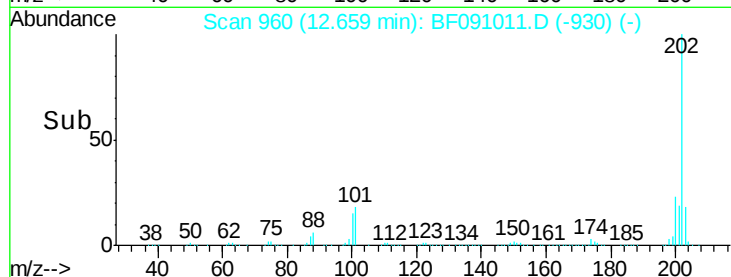
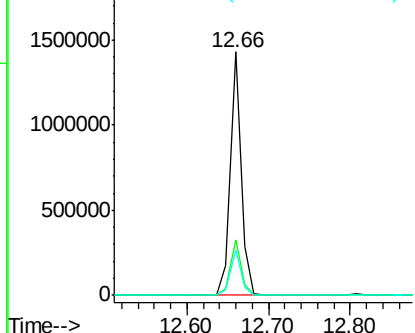
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion: 202 Resp: 1318837

Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.4	27.6
203	18.5	15.0	22.6



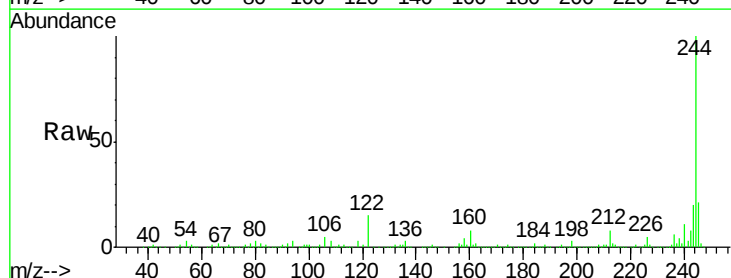
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



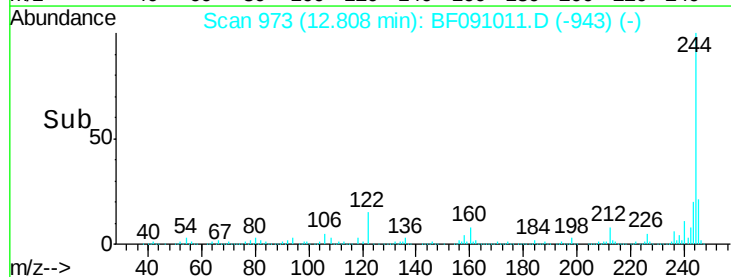
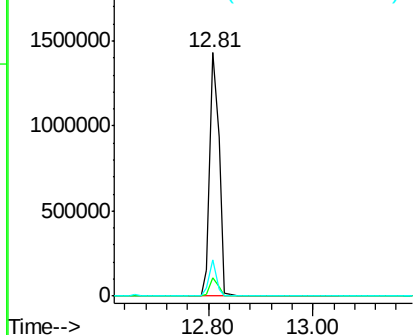
#78
 Terphenyl-d14
 Concen: 78.49 ng
 RT: 12.81 min Scan# 973
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion: 244 Resp: 1770976

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	14.7	12.3	18.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.10 ng

RT: 13.29 min Scan# 1015

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

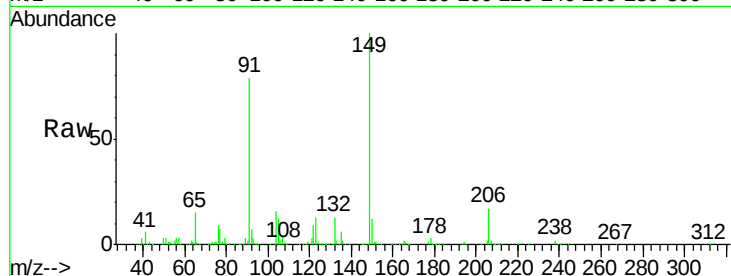
Tgt Ion:149 Resp: 672070

Ion Ratio Lower Upper

149 100

91 79.0 65.0 97.4

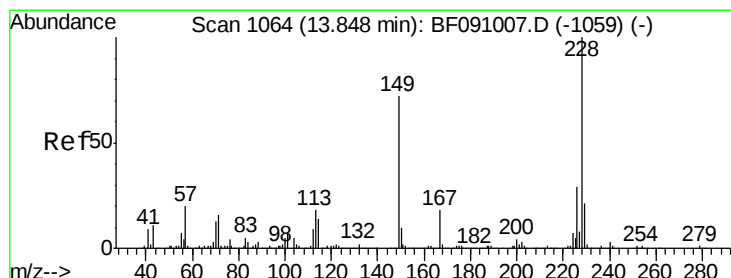
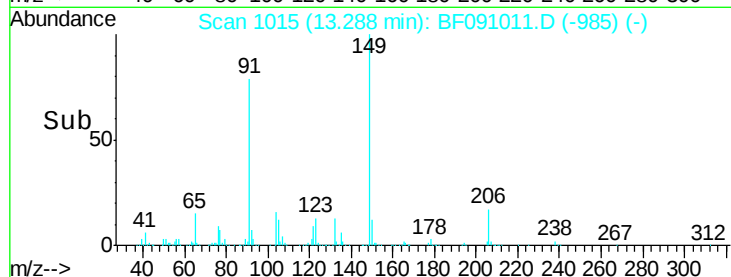
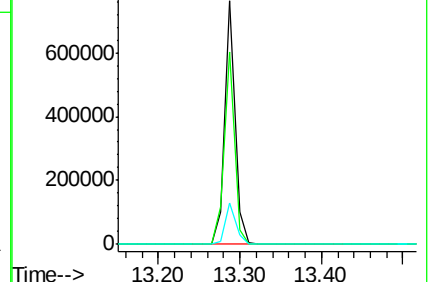
206 16.9 12.5 18.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.80 ng

RT: 13.85 min Scan# 1064

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

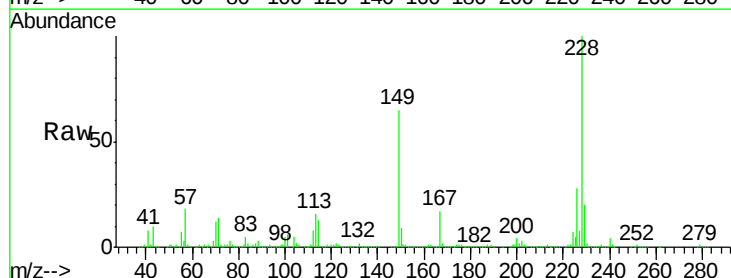
Tgt Ion:228 Resp: 1240432

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.6

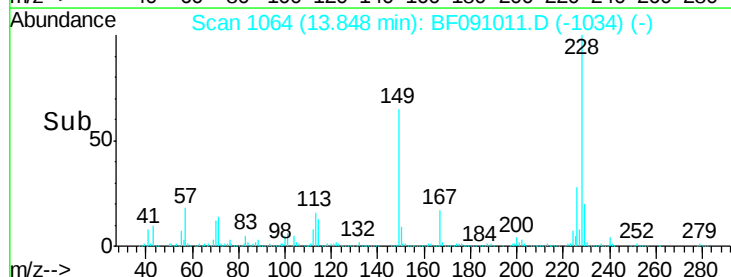
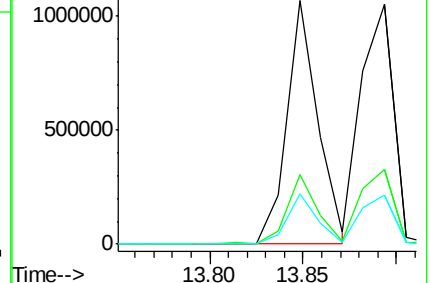
229 20.4 16.6 24.8

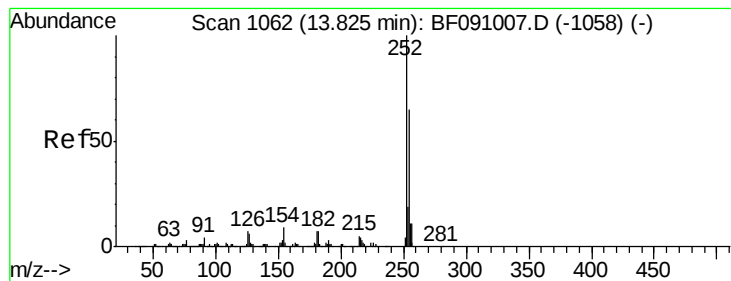


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

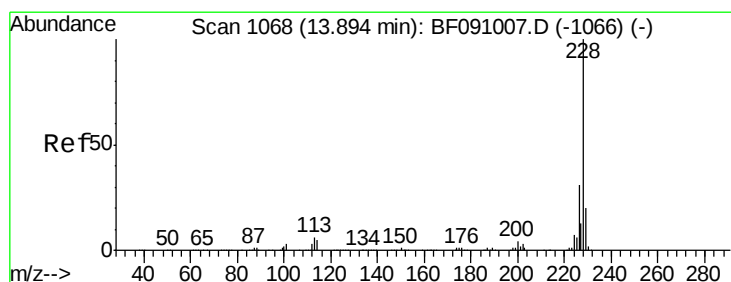
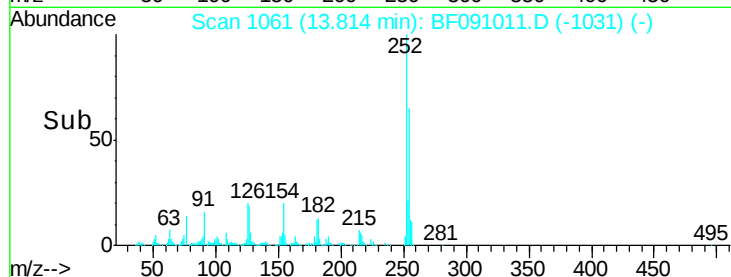
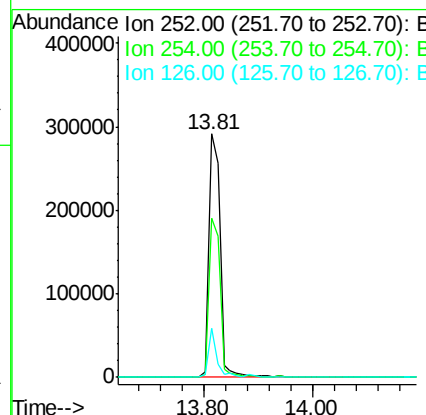
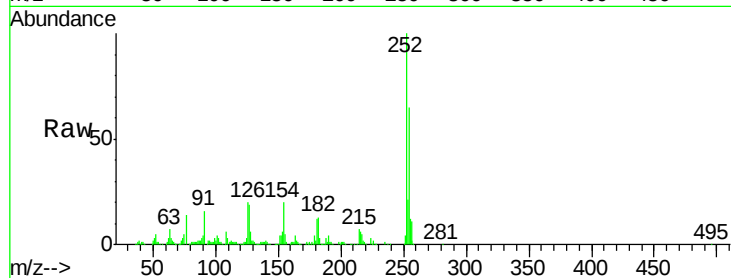




#81
 3,3'-Dichlorobenzidine
 Concen: 36.74 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. 0.05 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

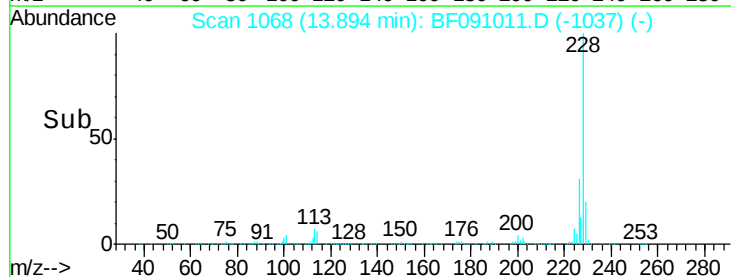
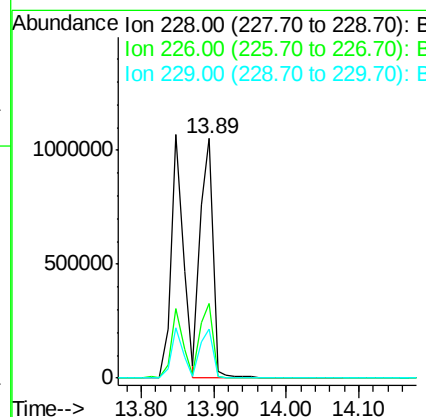
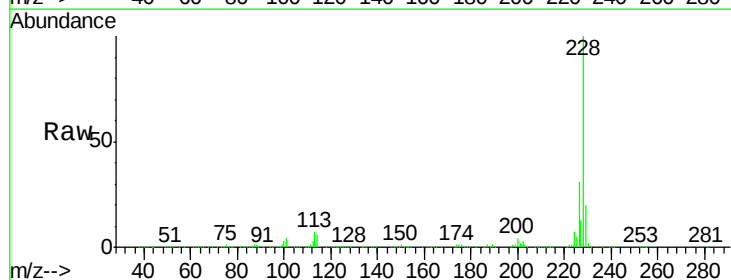
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

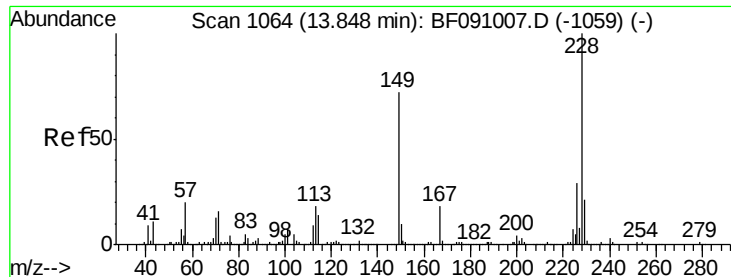
Tgt Ion:252 Resp: 412591
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.0 78.0
 126 19.9 5.4 8.2#



#82
 Chrysene
 Concen: 41.02 ng
 RT: 13.89 min Scan# 1068
 Delta R.T. 0.06 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion:228 Resp: 1292978
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.3 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.49 ng

RT: 13.85 min Scan# 1064

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

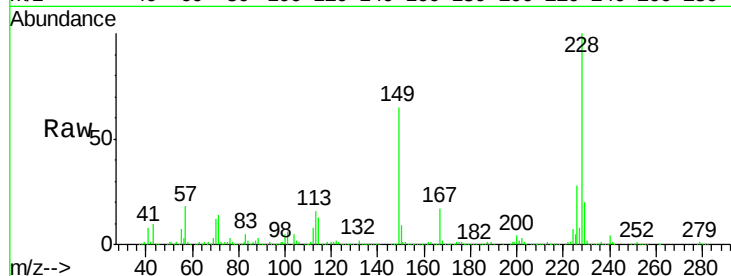
Tgt Ion:149 Resp: 894796

Ion Ratio Lower Upper

149 100

167 25.5 20.4 30.6

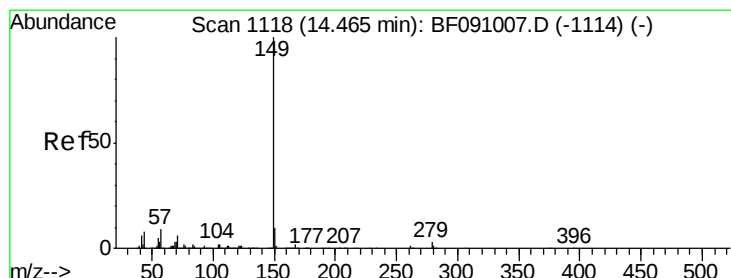
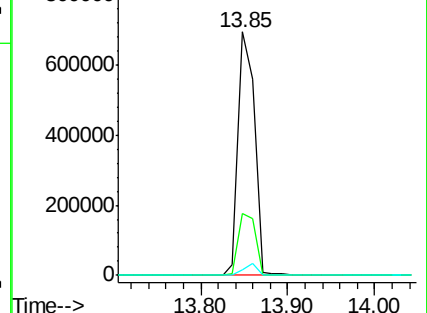
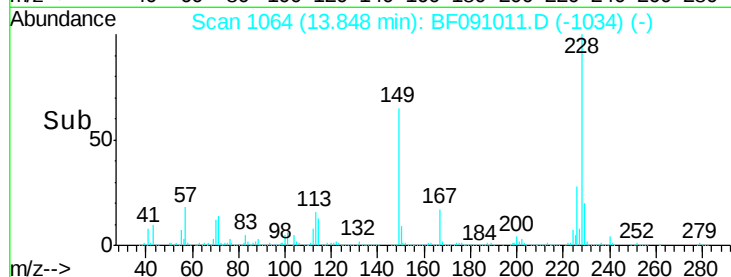
279 2.2 1.6 2.4



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: 40.38 ng

RT: 14.47 min Scan# 1118

Delta R.T. 0.05 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

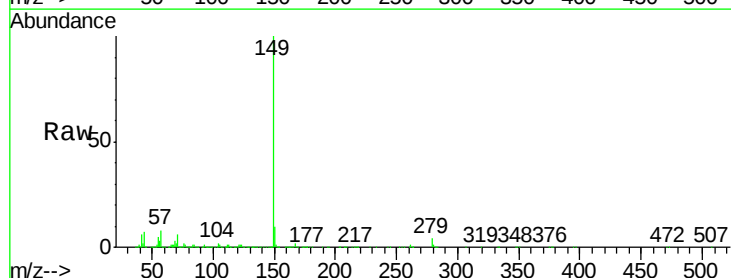
Tgt Ion:149 Resp: 1584724

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

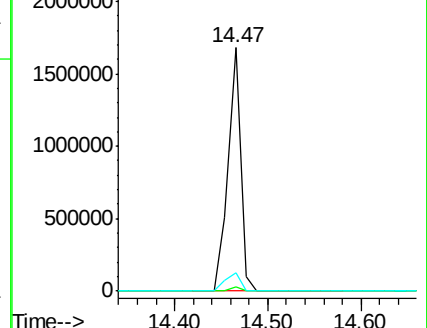
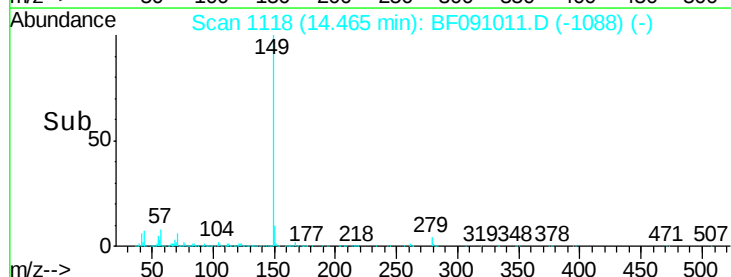
43 9.2 8.2 12.4

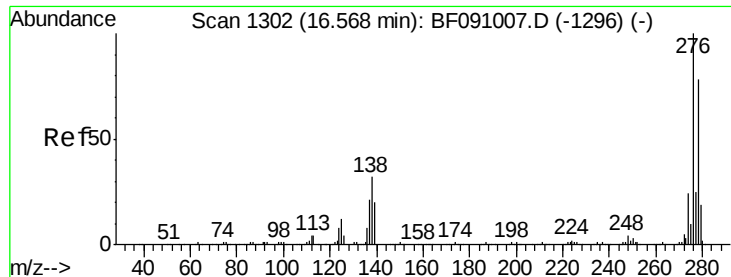


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



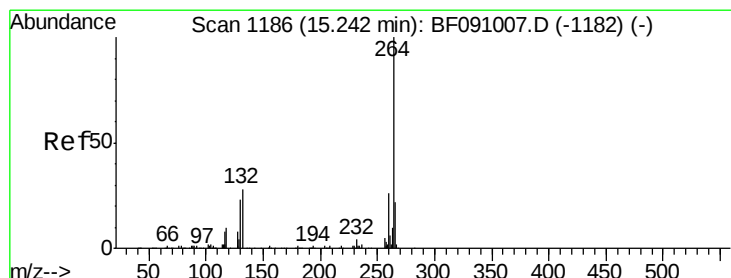
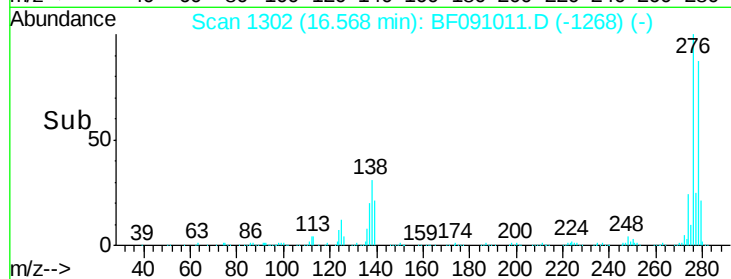
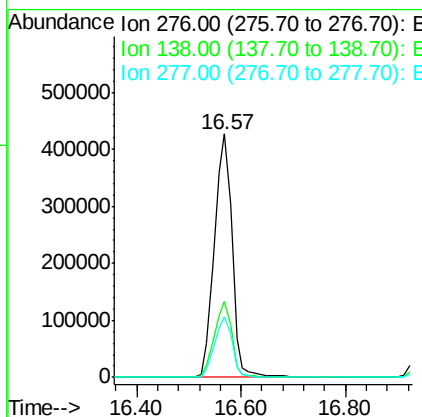
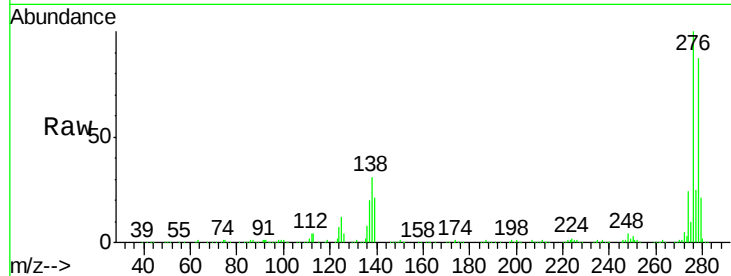


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.81 ng
 RT: 16.57 min Scan# 1302
 Delta R.T. 0.09 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110316

Tgt Ion: 276 Resp: 1014986

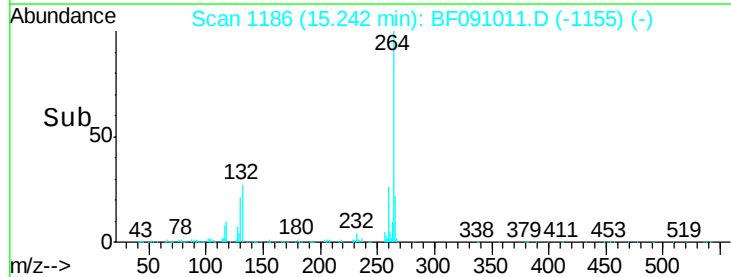
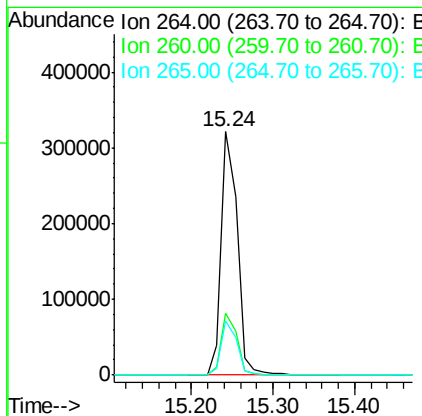
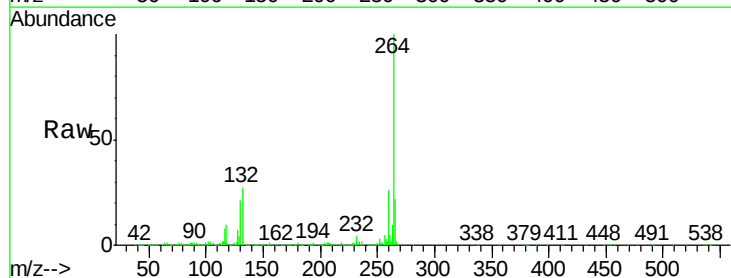
Ion	Ratio	Lower	Upper
276	100		
138	31.3	26.0	39.0
277	24.9	20.1	30.1

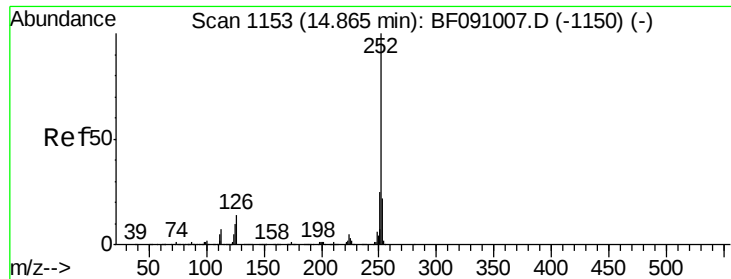


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1186
 Delta R.T. 0.06 min
 Lab File: BF091011.D
 Acq: 3 Nov 2016 21:35

Tgt Ion: 264 Resp: 439732

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	22.0	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 75.42 ng

RT: 14.89 min Scan# 1155

Delta R.T. 0.08 min

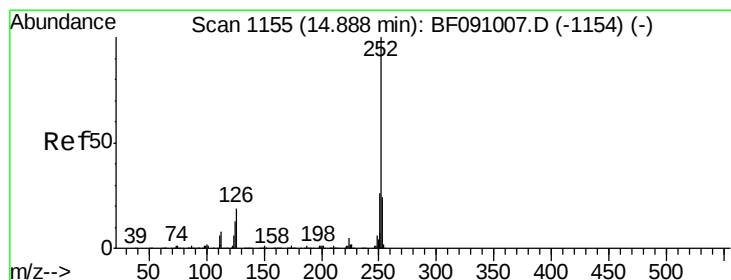
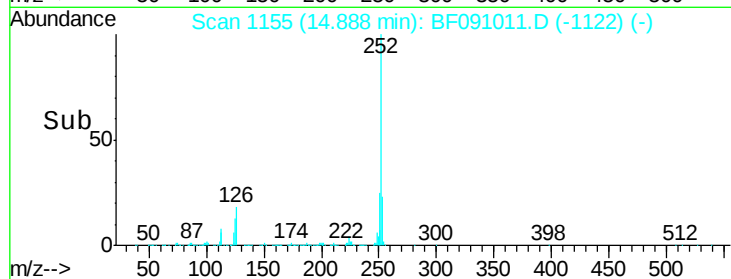
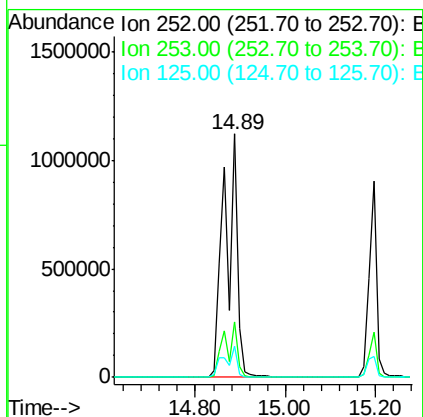
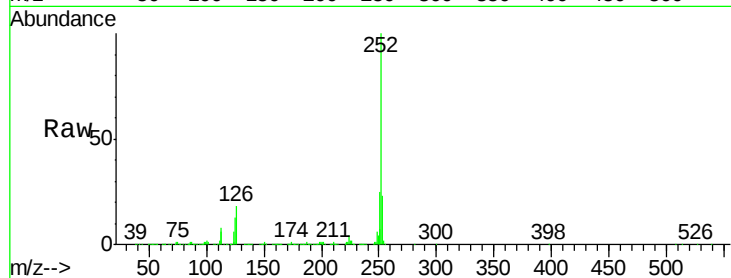
Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Tgt Ion:252 Resp: 2249241

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.5	8.3	12.5#



#88

Benzo(k)fluoranthene

Concen: 86.03 ng

RT: 14.89 min Scan# 1155

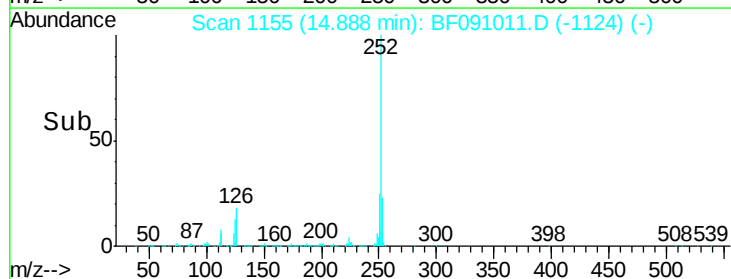
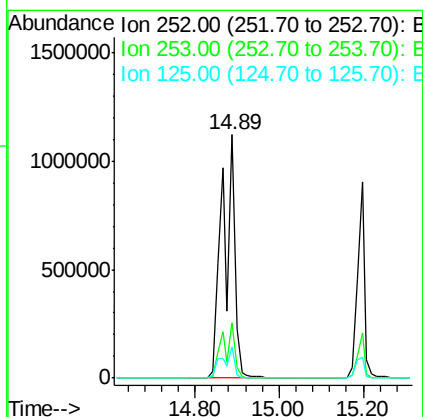
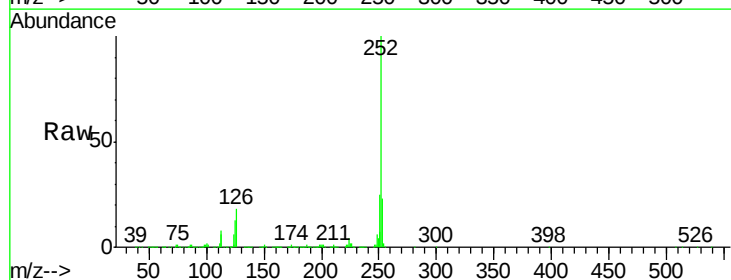
Delta R.T. 0.06 min

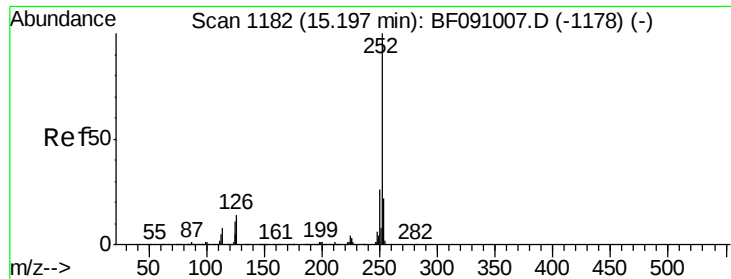
Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Tgt Ion:252 Resp: 2250673

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	12.5	11.2	16.8





#89

Benzo(a)pyrene

Concen: 40.95 ng

RT: 15.20 min Scan# 1182

Delta R.T. 0.07 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

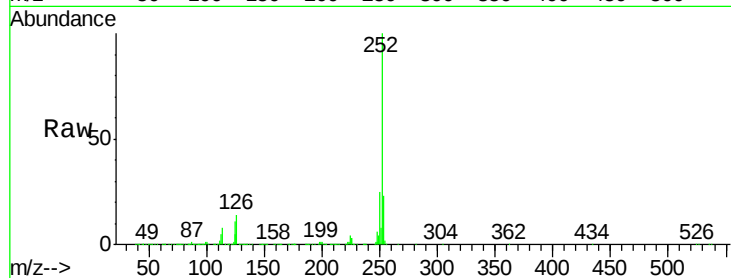
Tgt Ion:252 Resp: 1063097

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

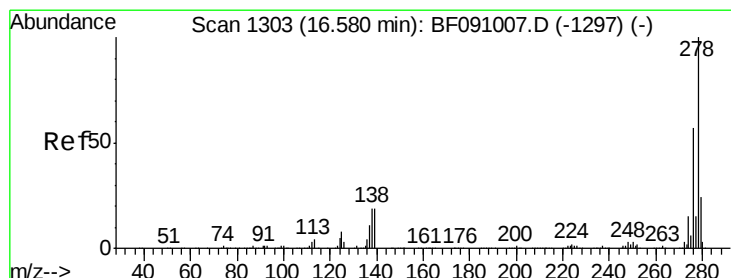
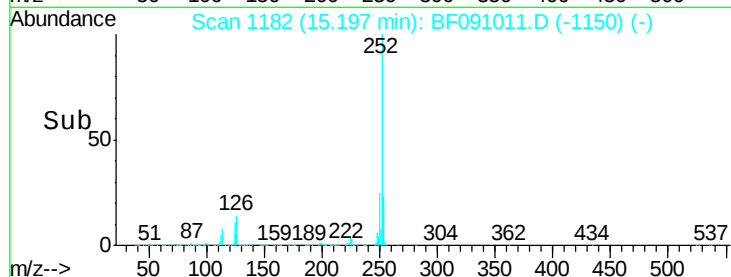
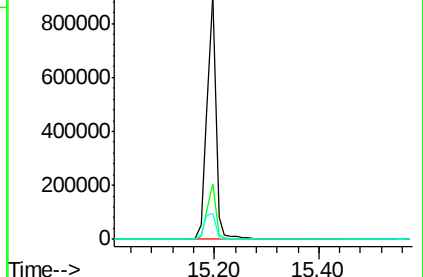
125 10.6 8.6 13.0



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: 39.92 ng

RT: 16.58 min Scan# 1303

Delta R.T. 0.09 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

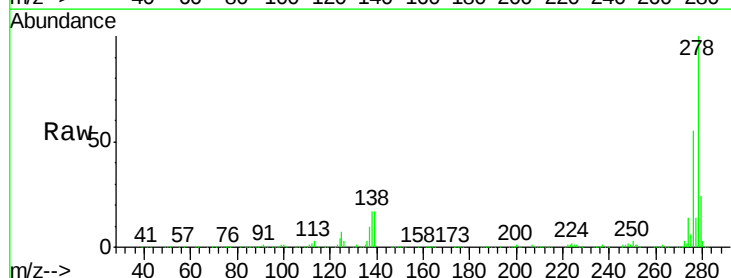
Tgt Ion:278 Resp: 896036

Ion Ratio Lower Upper

278 100

139 16.8 15.3 22.9

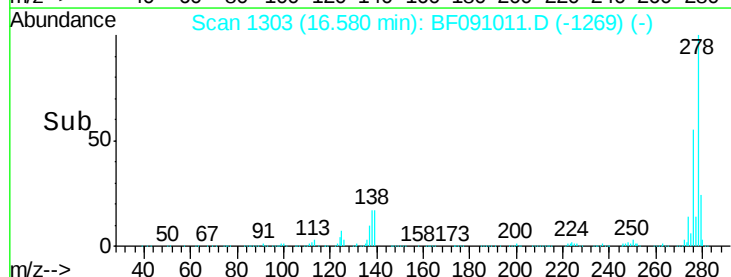
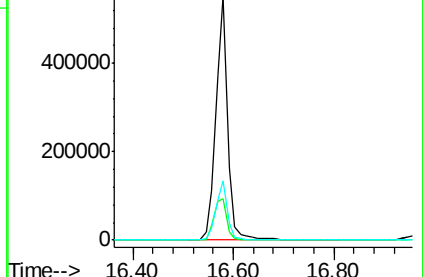
279 24.5 19.3 28.9

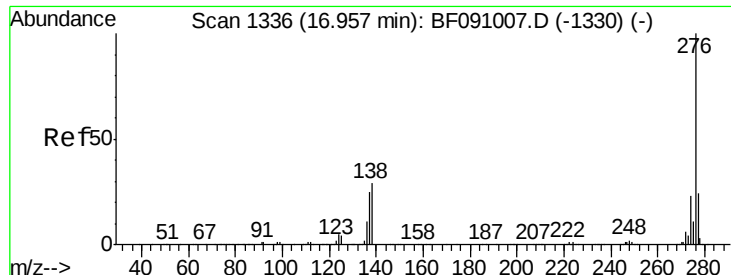


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.41 ng

RT: 16.96 min Scan# 1336

Delta R.T. 0.10 min

Lab File: BF091011.D

Acq: 3 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF110316

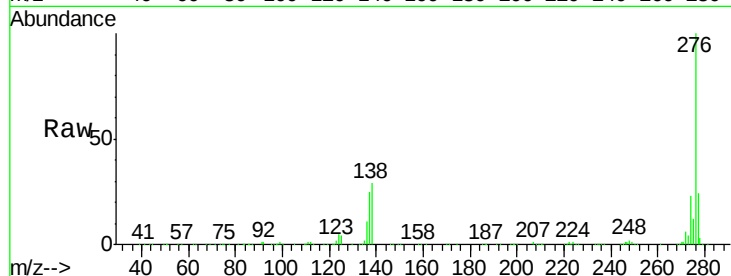
Tgt Ion: 276 Resp: 799870

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 29.1 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

