

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
 Data File : BF091260.D
 Acq On : 21 Nov 2016 23:09
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

Quant Time: Nov 22 10:35:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 10:25:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	253316	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	1002936	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	525430	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	889047	20.00	ng	0.00
75) Chrysene-d12	13.72	240	647577	20.00	ng	0.01
86) Perylene-d12	15.07	264	597843	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1231093	80.80	ng	0.00
7) Phenol-d6	6.24	99	1442875	79.19	ng	0.00
23) Nitrobenzene-d5	7.15	82	1441524	79.25	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	387135	78.92	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	2474765	82.26	ng	0.00
78) Terphenyl-d14	12.67	244	2186864	76.55	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.98	88	272324	39.33	ng	98
3) Pyridine	2.60	79	831751	45.94	ng	98
4) n-Nitrosodimethylamine	2.58	42	420294	43.01	ng	95
6) Aniline	6.24	93	916897	41.89	ng	96
8) 2-Chlorophenol	6.36	128	678512	41.56	ng	96
9) Benzaldehyde	6.11	77	426533	46.63	ng	98
10) Phenol	6.25	94	854588	40.09	ng	87
11) bis(2-Chloroethyl)ether	6.32	93	687733	41.41	ng	100
12) 1,3-Dichlorobenzene	6.51	146	776575	43.76	ng	98
13) 1,4-Dichlorobenzene	6.59	146	780968	42.11	ng	99
14) 1,2-Dichlorobenzene	6.74	146	633287	38.45	ng	98
15) Benzyl Alcohol	6.74	79	646302	45.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1205096	37.91	ng	80
17) 2-Methylphenol	7.02	107	728215	44.37	ng	# 88
18) Hexachloroethane	7.08	117	292225	42.59	ng	96
19) n-Nitroso-di-n-propylamine	7.01	70	570195	42.82	ng	# 85
20) 3+4-Methylphenols	7.02	107	728215	44.37	ng	88
22) Acetophenone	7.00	105	972178	40.66	ng	# 93
24) Nitrobenzene	7.17	77	915986	45.24	ng	# 88
25) Isophorone	7.41	82	1355524	39.51	ng	98
26) 2-Nitrophenol	7.48	139	361838	41.83	ng	94
27) 2,4-Dimethylphenol	7.54	122	539339	39.57	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	803237	42.83	ng	99
29) 2,4-Dichlorophenol	7.73	162	565144	41.67	ng	96
30) 1,2,4-Trichlorobenzene	7.81	180	625148	41.26	ng	94
31) Naphthalene	7.88	128	1826150	38.97	ng	99
32) Benzoic acid	7.72	122	401020	41.84	ng	97
33) 4-Chloroaniline	7.95	127	812258	42.83	ng	99
34) Hexachlorobutadiene	8.01	225	379844	42.29	ng	99
35) Caprolactam	8.34	113	155034	40.59	ng	# 88
36) 4-Chloro-3-methylphenol	8.44	107	603027	40.57	ng	96
37) 2-Methylnaphthalene	8.58	142	1291335	41.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	565175	38.14	ng	99
40) Hexachlorocyclopentadiene	8.73	237	185234	42.72	ng	98

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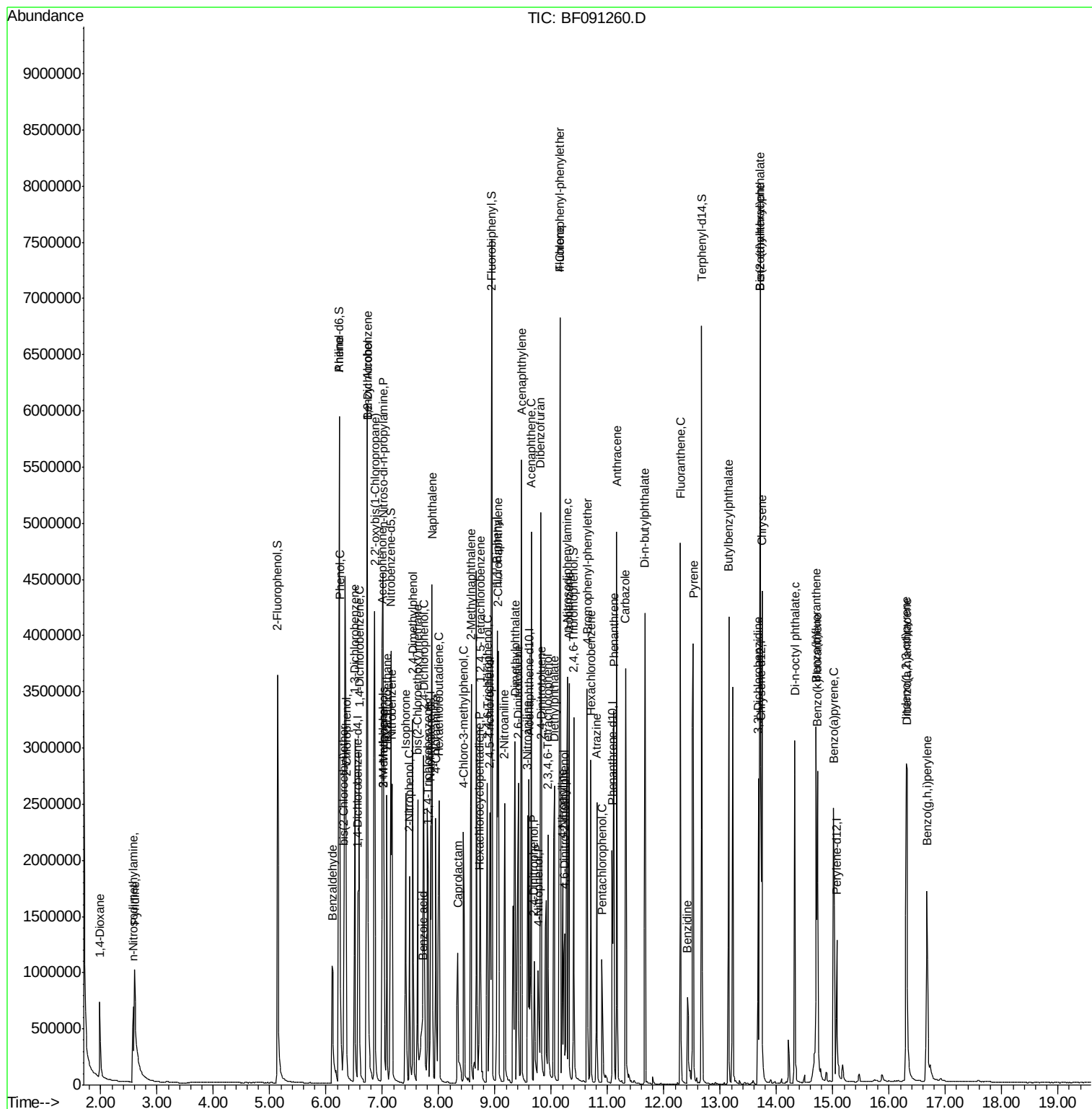
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	379209	42.05	nq	99
43) 2,4,5-Trichlorophenol	8.91	196	391491	41.45	nq	96
45) 1,1'-Biphenyl	9.04	154	1480402	36.94	nq	99
46) 2-Chloronaphthalene	9.06	162	1103706	37.02	nq	98
47) 2-Nitroaniline	9.17	65	508929	46.00	nq	88
48) Acenaphthylene	9.47	152	1732634	38.62	nq	99
49) Dimethylphthalate	9.36	163	1396497	39.84	nq	99
50) 2,6-Dinitrotoluene	9.41	165	285219	37.95	nq	# 85
51) Acenaphthene	9.64	154	1036053	37.24	nq	99
52) 3-Nitroaniline	9.58	138	337129	42.08	nq	90
53) 2,4-Dinitrophenol	9.70	184	212622	48.43	nq	98
54) Dibenzofuran	9.81	168	1434266	37.02	nq	97
55) 4-Nitrophenol	9.77	139	158900m	43.65	nq	
56) 2,4-Dinitrotoluene	9.82	165	422932	44.70	nq	91
57) Fluorene	10.16	166	1191131	37.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	327026	41.12	nq	99
59) Diethylphthalate	10.05	149	1406772	41.40	nq	# 94
60) 4-Chlorophenyl-phenylether	10.16	204	606603	41.19	nq	97
61) 4-Nitroaniline	10.20	138	345259	41.83	nq	87
62) Azobenzene	10.32	77	1651182	40.86	nq	94
64) 4,6-Dinitro-2-methylphenol	10.24	198	243170	42.85	nq	# 53
65) n-Nitrosodiphenylamine	10.28	169	1154834	43.11	nq	100
66) 4-Bromophenyl-phenylether	10.64	248	368677	39.67	nq	98
67) Hexachlorobenzene	10.70	284	440757	43.47	nq	95
68) Atrazine	10.81	200	264880	31.08	nq	99
69) Pentachlorophenol	10.90	266	175864	43.80	nq	96
70) Phenanthrene	11.12	178	1856999	39.74	nq	100
71) Anthracene	11.16	178	1790927	38.46	nq	100
72) Carbazole	11.32	167	1593029	37.34	nq	99
73) Di-n-butylphthalate	11.66	149	2096181	41.29	nq	99
74) Fluoranthene	12.29	202	1970345	38.72	nq	96
76) Benzidine	12.42	184	502258	34.53	nq	98
77) Pyrene	12.52	202	2105912	42.40	nq	99
79) Butylbenzylphthalate	13.15	149	919485	44.10	nq	95
80) Benzo(a)anthracene	13.71	228	1612480	41.10	nq	100
81) 3,3'-Dichlorobenzidine	13.68	252	568073	41.78	nq	# 99
82) Chrysene	13.75	228	1688604	41.87	nq	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	1079703	40.85	nq	100
84) Di-n-octyl phthalate	14.33	149	1945238	42.03	nq	99
85) Indeno(1,2,3-cd)pyrene	16.31	276	1459849	45.52	nq	99
87) Benzo(b)fluoranthene	14.71	252	1293134m	35.99	nq	
88) Benzo(k)fluoranthene	14.73	252	1332098m	36.70	nq	
89) Benzo(a)pyrene	15.01	252	1259021	38.21	nq	99
90) Dibenzo(a,h)anthracene	16.32	278	1244578	45.84	nq	# 96
91) Benzo(g,h,i)perylene	16.67	276	1327525m	47.84	nq	

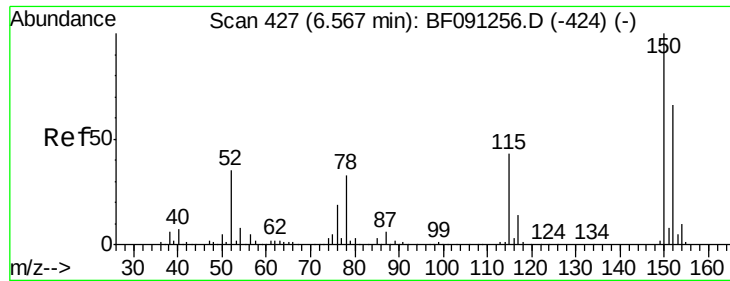
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

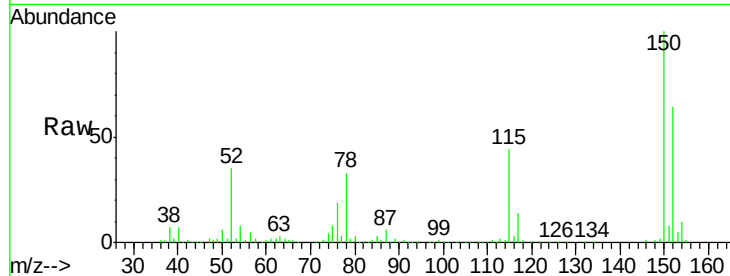
Tot Ion:152 Resp: 253316

Ion Ratio Lower Upper

152 100

150 155.4 122.5 183.7

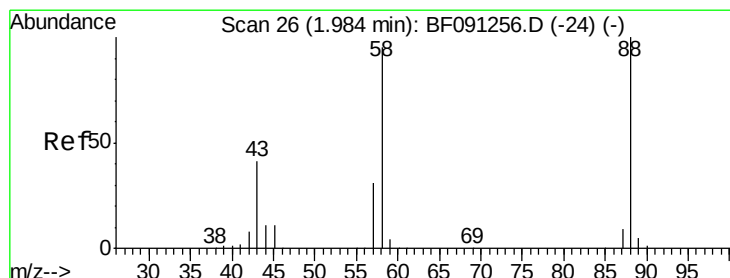
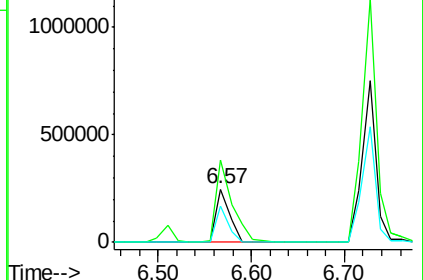
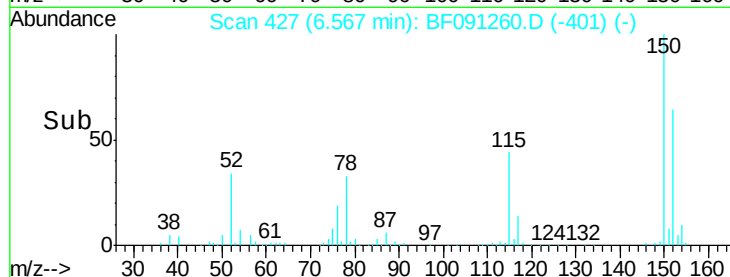
115 67.9 51.8 77.8



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: 39.33 ng

RT: 1.98 min Scan# 26

Delta R.T. 0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

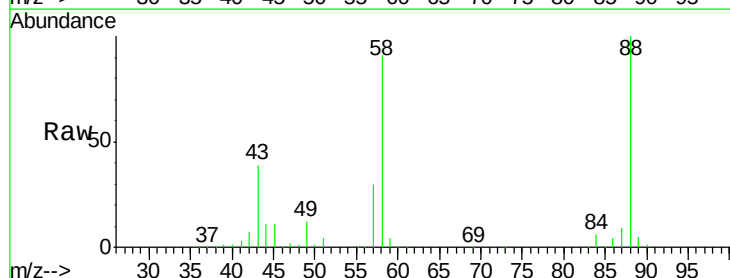
Tgt Ion: 88 Resp: 272324

Ion Ratio Lower Upper

88 100

58 90.6 70.3 105.5

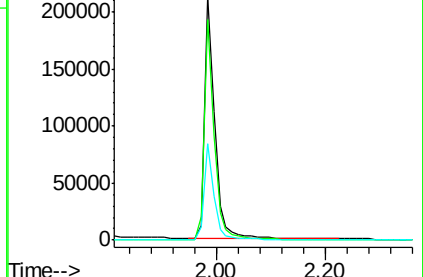
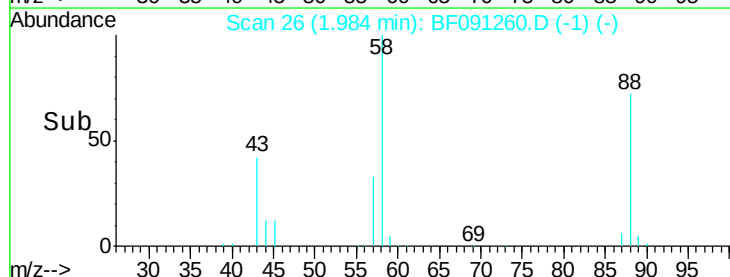
43 39.9 31.3 46.9

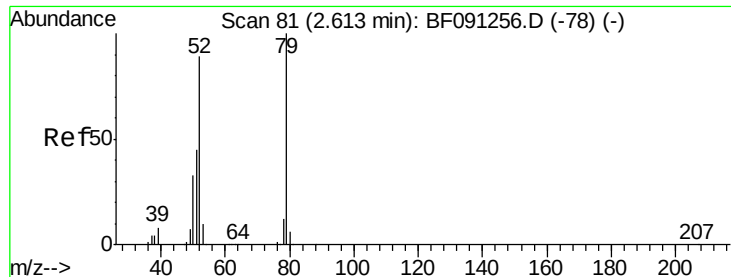


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.94 ng

RT: 2.60 min Scan# 80

Delta R.T. -0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

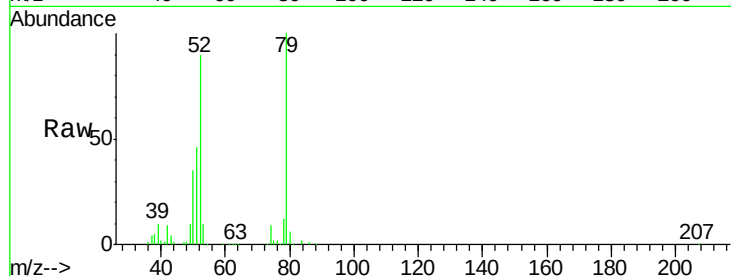
Tot Ion: 79 Resp: 831751

Ion Ratio Lower Upper

79 100

52 90.4 71.0 106.4

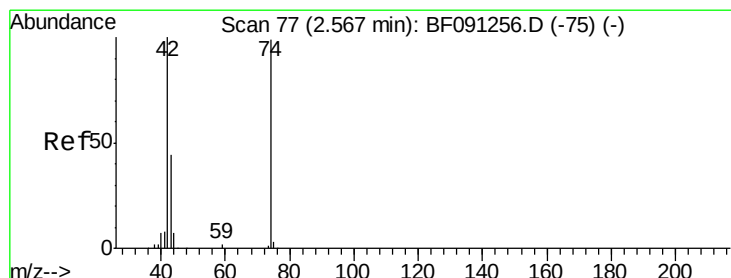
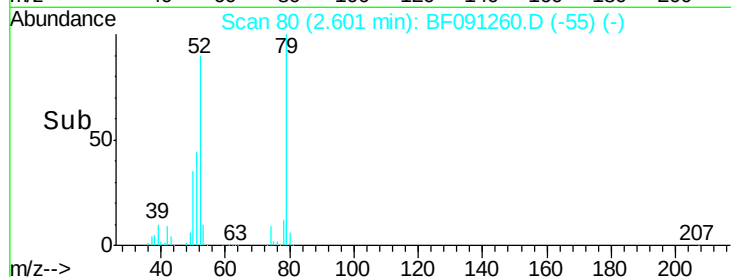
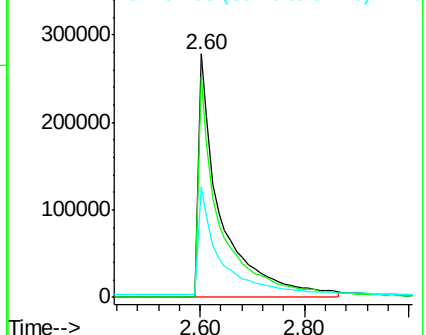
51 45.6 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.01 ng

RT: 2.58 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

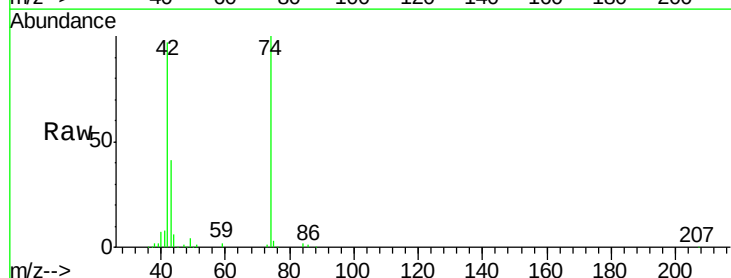
Tgt Ion: 42 Resp: 420294

Ion Ratio Lower Upper

42 100

74 103.4 78.9 118.3

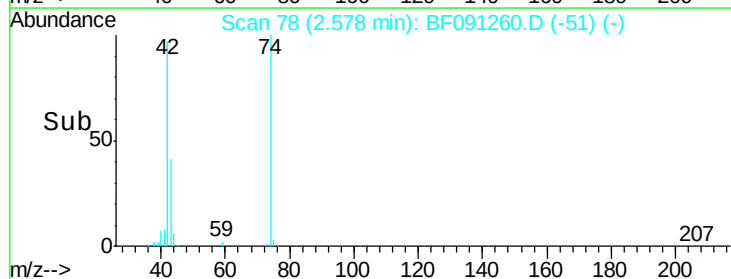
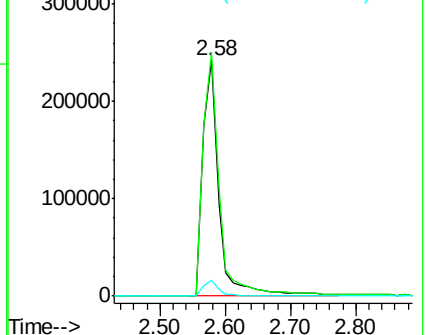
44 6.6 5.8 8.6

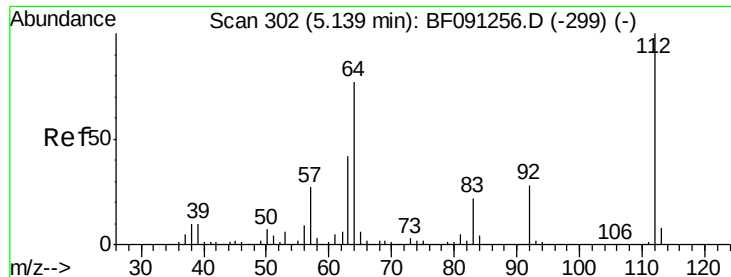


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.80 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.00 min

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ICVBF112116

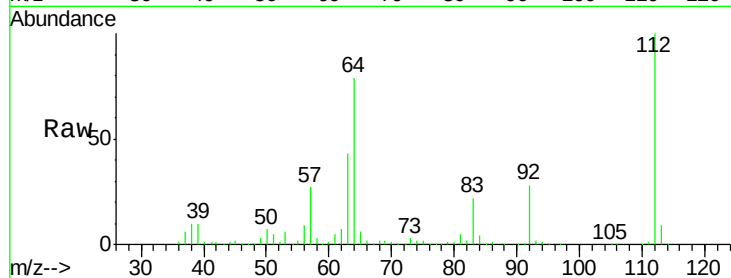
Tot Ion:112 Resp: 1231093

Ion Ratio Lower Upper

112 100

64 79.2 61.5 92.3

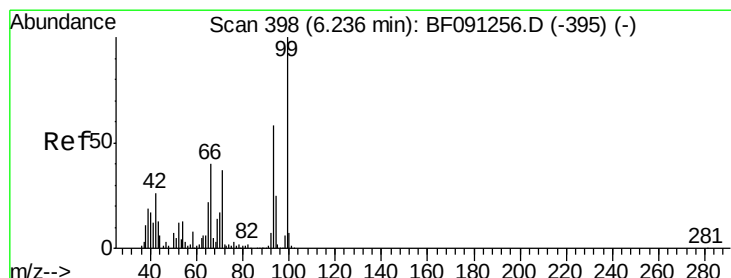
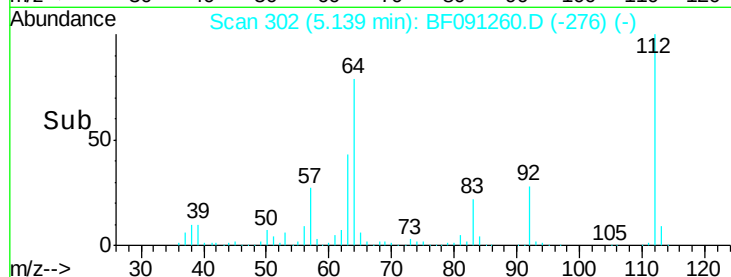
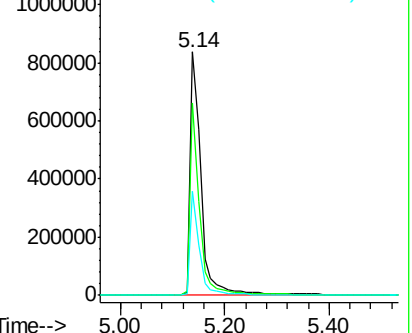
63 42.8 33.3 49.9



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: 41.89 ng

RT: 6.24 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

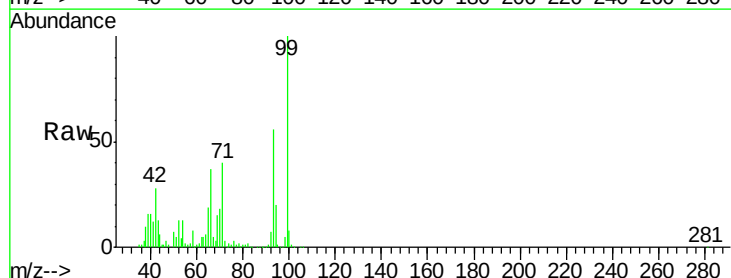
Tgt Ion: 93 Resp: 916897

Ion Ratio Lower Upper

93 100

66 66.7 55.8 83.6

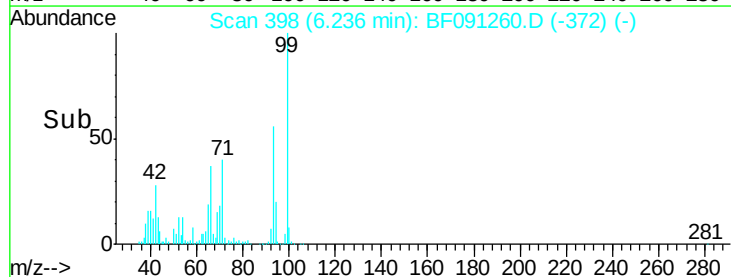
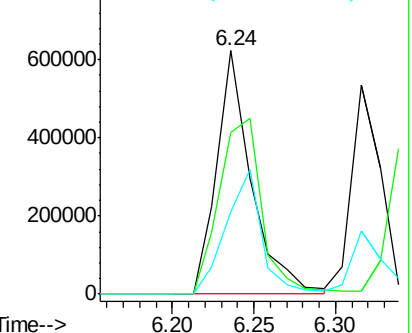
65 34.1 29.9 44.9

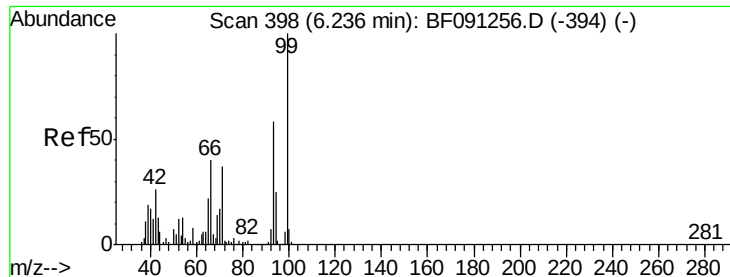


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.19 ng

RT: 6.24 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

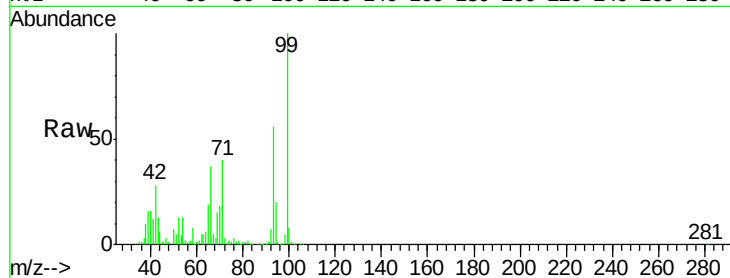
BNA_F

ClientSampleId :

ICVBF112116

Tot Ion: 99 Resp: 1442875

Ion	Ratio	Lower	Upper
99	100		
42	27.7	20.6	31.0
71	39.6	29.9	44.9

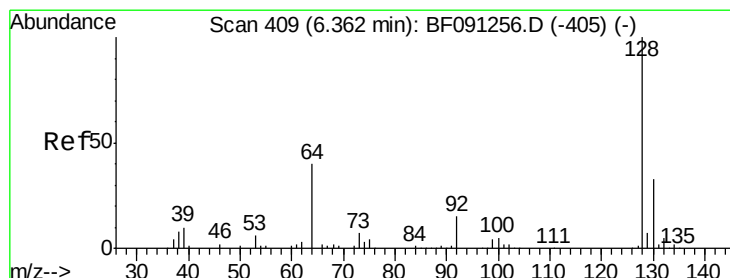
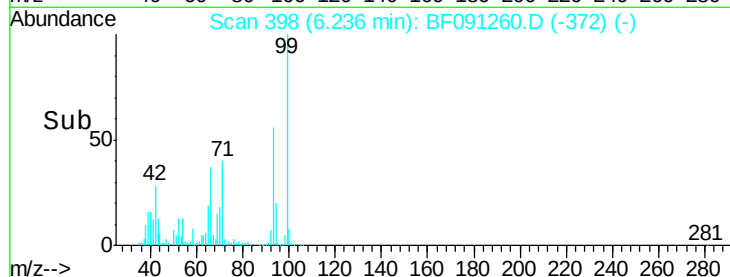
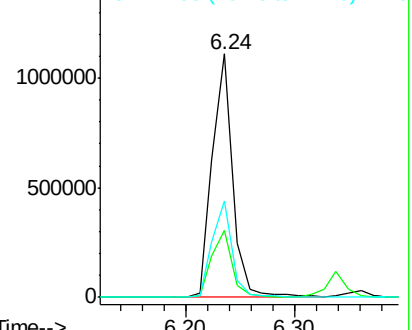


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.56 ng

RT: 6.36 min Scan# 409

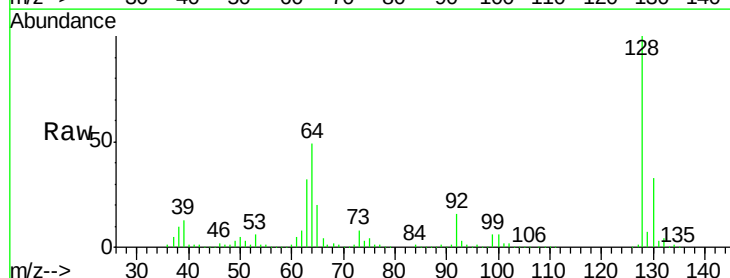
Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Tgt Ion: 128 Resp: 678512

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.1	53.1
64	48.9	24.1	64.1

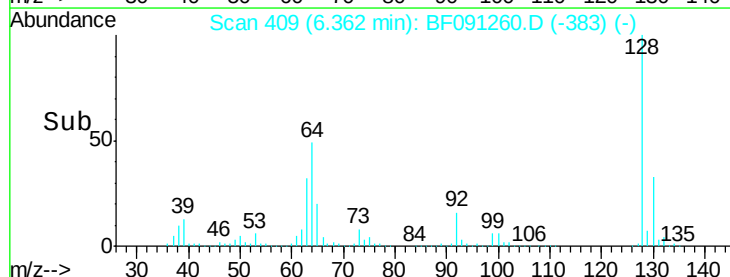
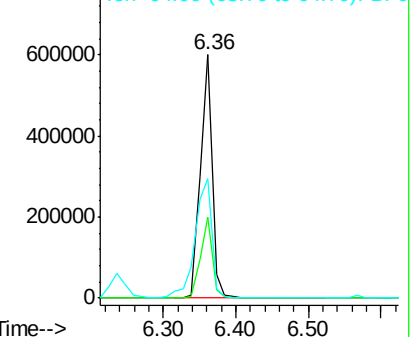


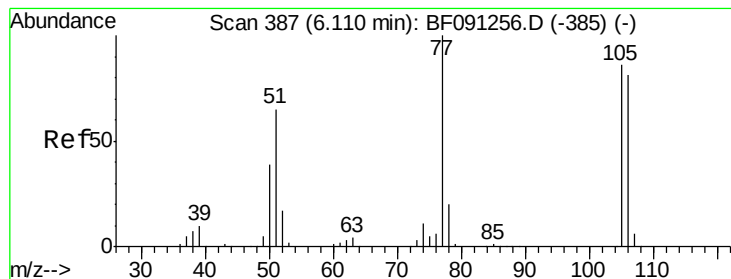
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 46.63 ng

RT: 6.11 min Scan# 387

Delta R.T. -0.00 min

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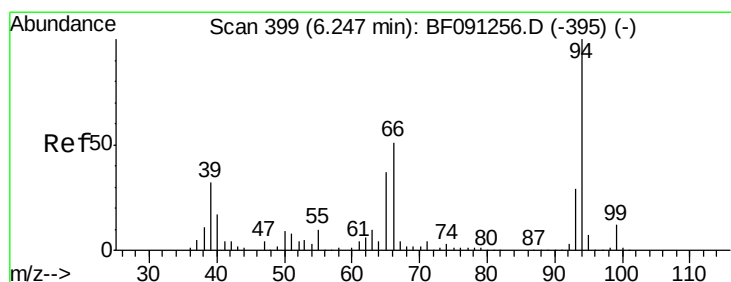
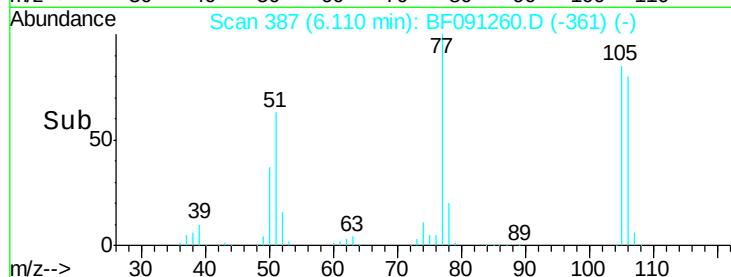
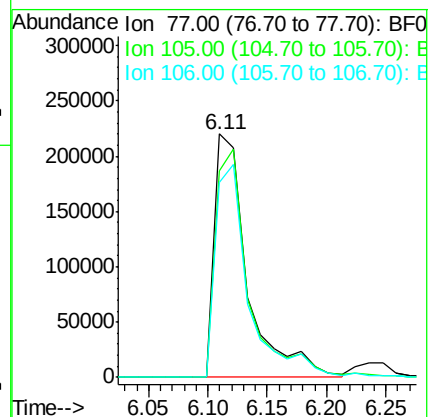
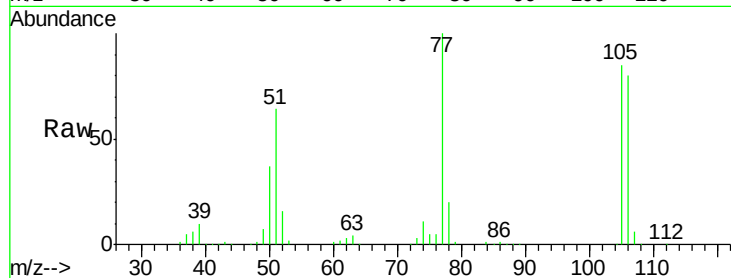
Tot Ion: 77 Resp: 426533

Ion Ratio Lower Upper

77 100

105 84.7 66.4 106.4

106 79.9 60.9 100.9



#10

Phenol

Concen: 40.09 ng

RT: 6.25 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

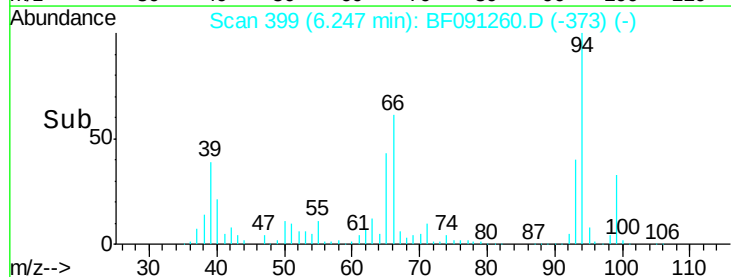
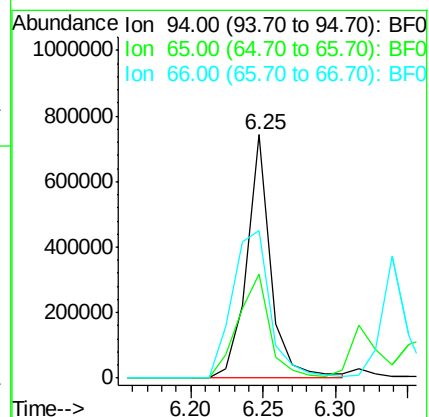
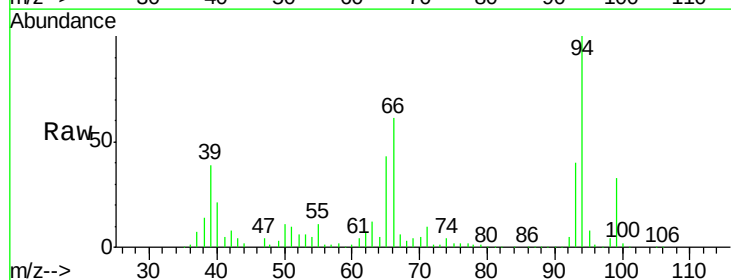
Tgt Ion: 94 Resp: 854588

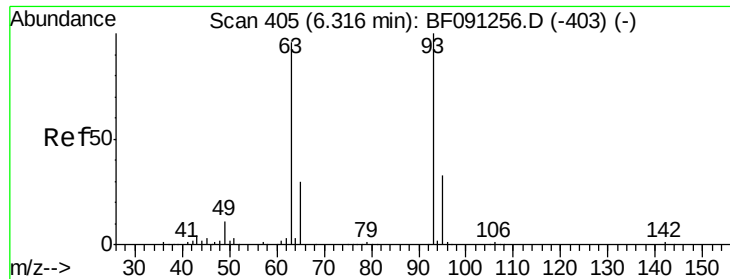
Ion Ratio Lower Upper

94 100

65 42.9 16.9 56.9

66 60.6 30.6 70.6

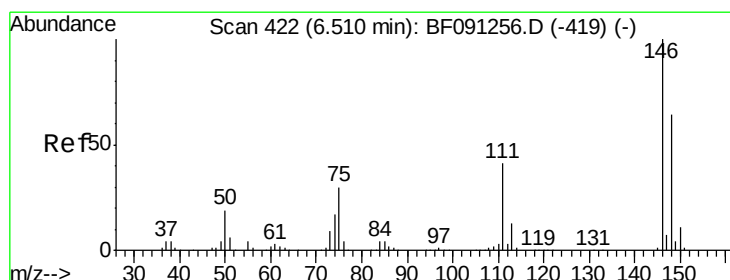
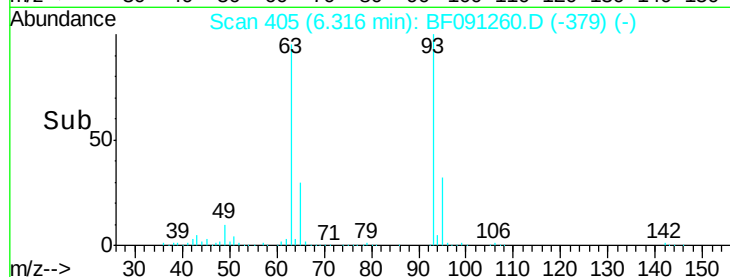
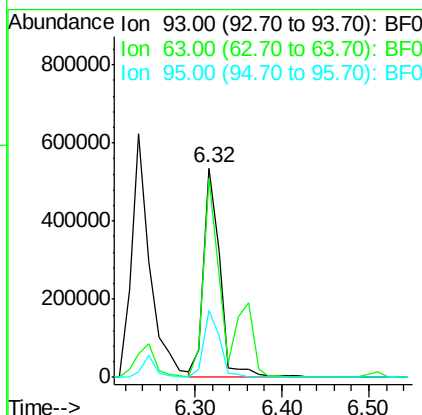
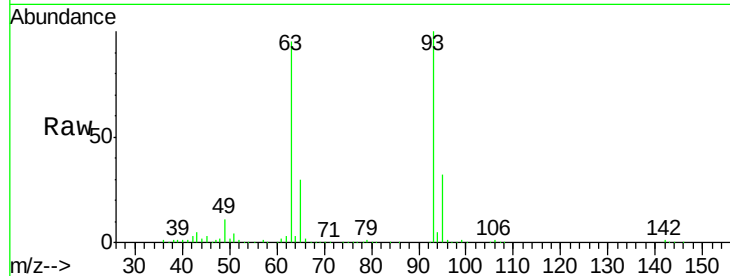




#11
bis(2-Chloroethyl)ether
Concen: 41.41 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

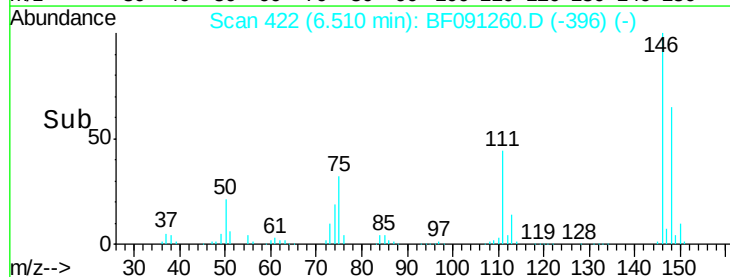
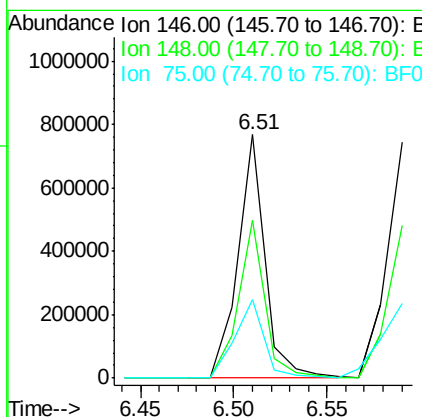
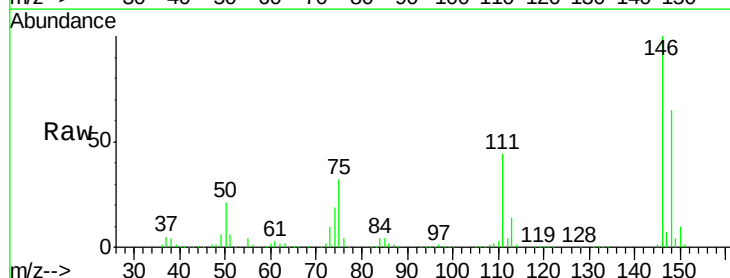
Instrument :
BNA_F
ClientSampleId :
ICVBF112116

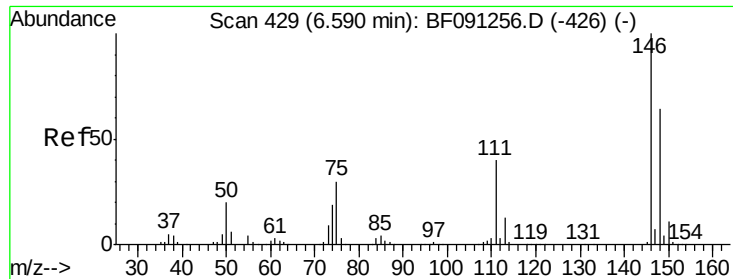
Tot Ion: 93 Resp: 687733
Ion Ratio Lower Upper
93 100
63 95.0 74.8 114.8
95 31.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.76 ng
RT: 6.51 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion: 146 Resp: 776575
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
75 32.4 23.6 35.4

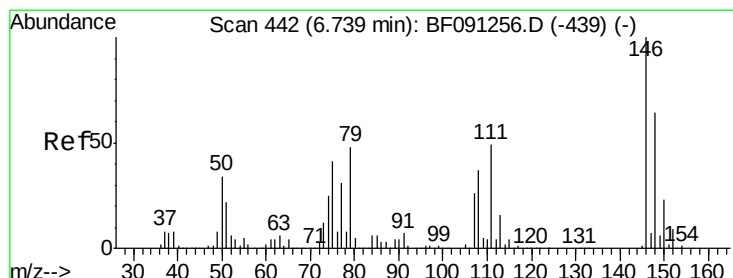
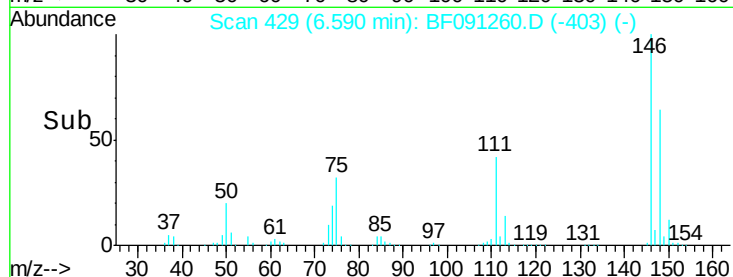
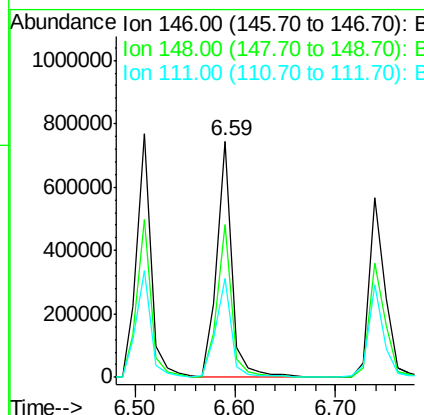
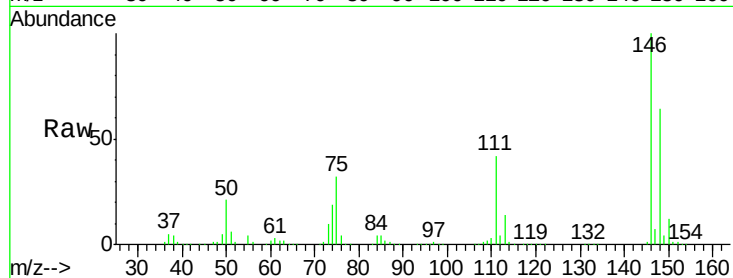




#13
 1,4-Dichlorobenzene
 Concen: 42.11 ng
 RT: 6.59 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

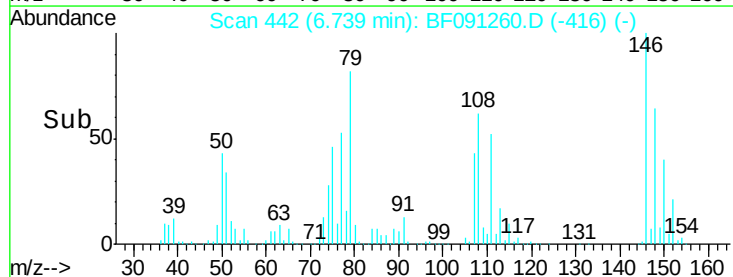
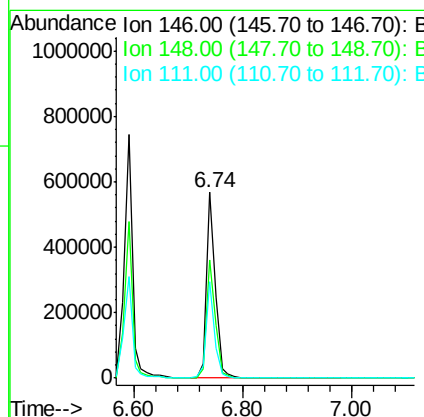
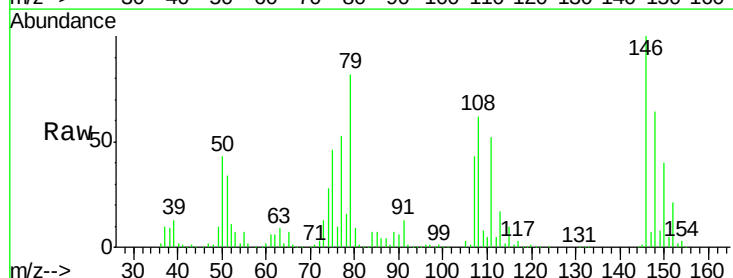
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

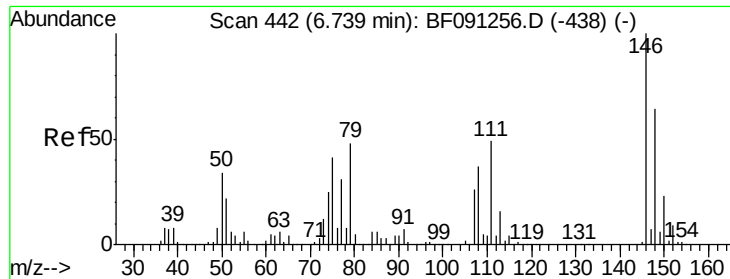
Tot Ion:146 Resp: 780968
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 111 41.8 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 38.45 ng
 RT: 6.74 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Tgt Ion:146 Resp: 633287
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 51.6 38.9 58.3

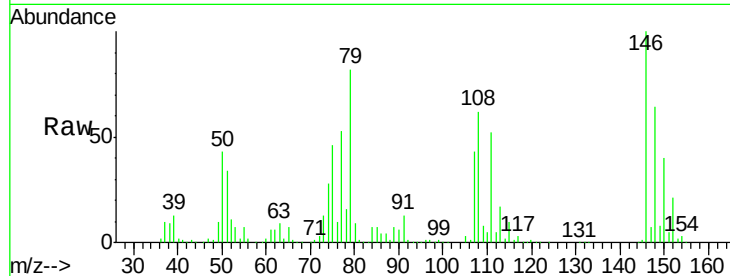




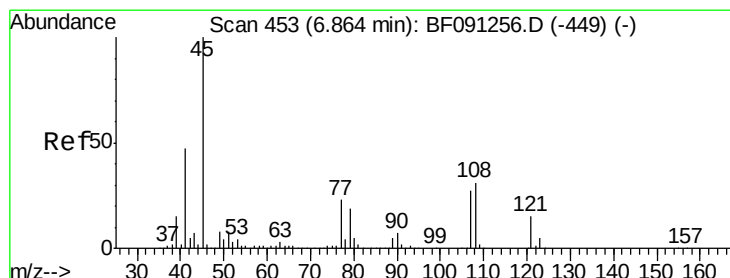
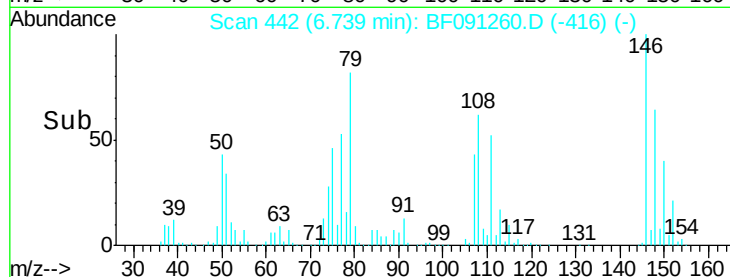
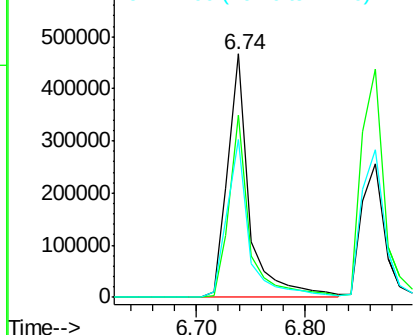
#15
Benzyl Alcohol
Concen: 45.16 ng
RT: 6.74 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Instrument :
BNA_F
ClientSampleId :
ICVBF112116

Tot Ion: 79 Resp: 646302
Ion Ratio Lower Upper
79 100
108 75.0 62.7 94.1
77 65.1 51.7 77.5

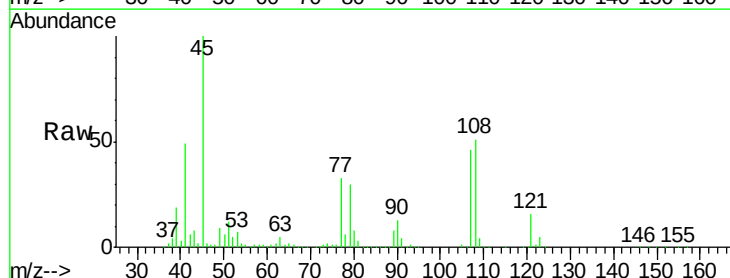


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

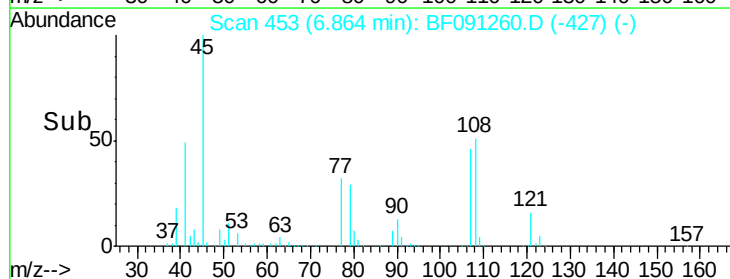
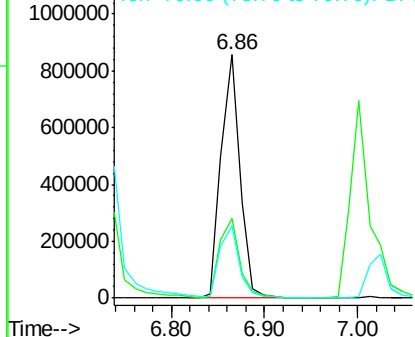


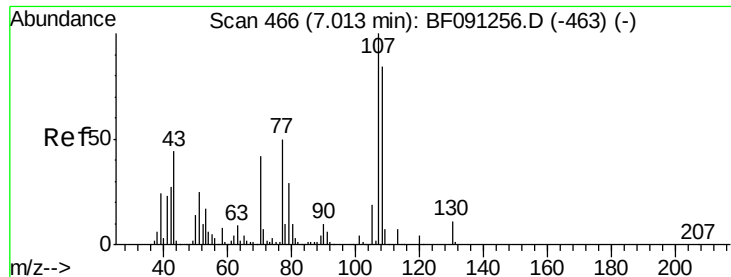
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.91 ng
RT: 6.86 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion: 45 Resp: 1205096
Ion Ratio Lower Upper
45 100
77 33.0 3.8 43.8
79 29.8 0.2 40.2



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

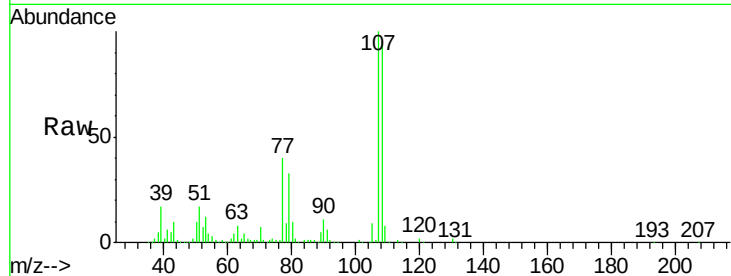




#17
2-Methylphenol
Concen: 44.37 ng
RT: 7.02 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Instrument :
BNA_F
ClientSampleId :
ICVBF112116

Tot Ion	Ratio	Lower	Upper
107	100		
108	95.1	67.7	101.5
77	39.8	40.7	61.1#
79	33.0	23.4	35.2



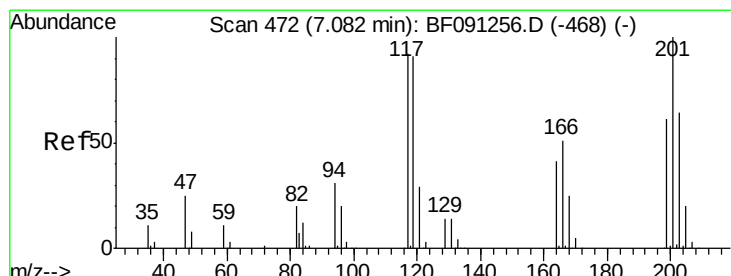
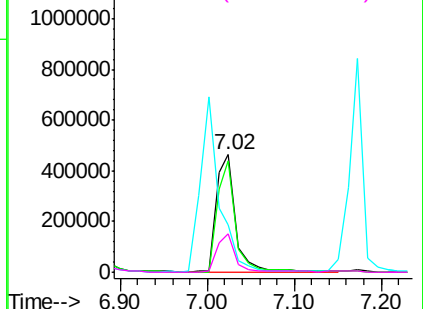
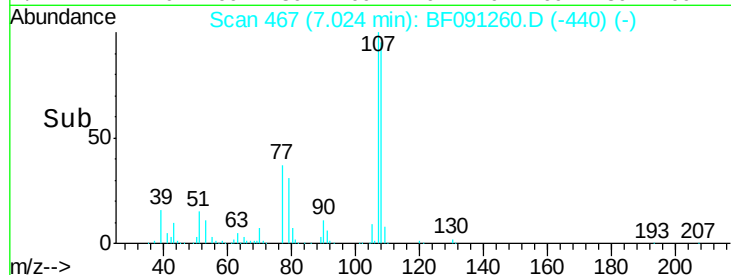
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

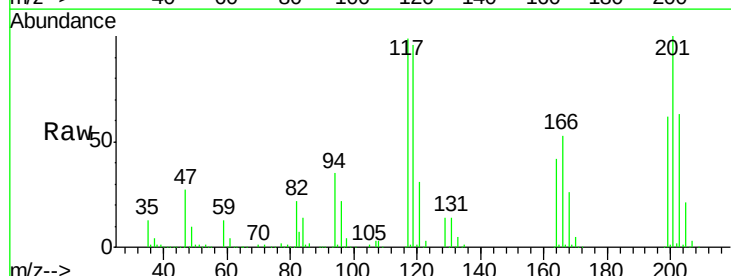
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.59 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.6	118.0
201	101.1	86.7	130.1

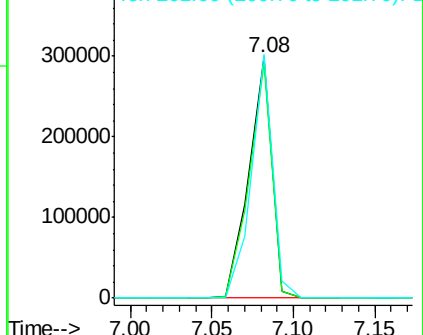
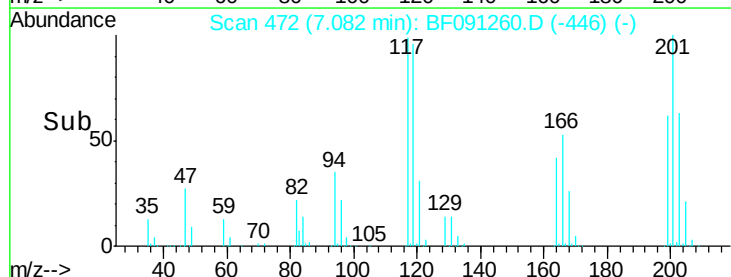


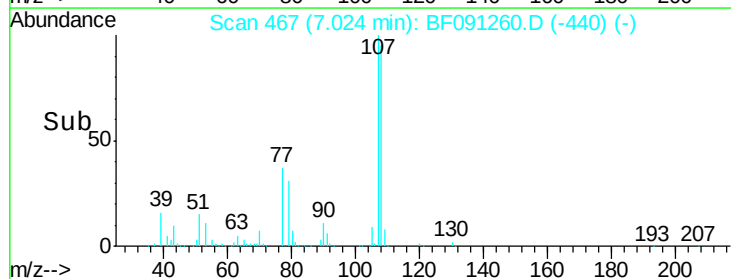
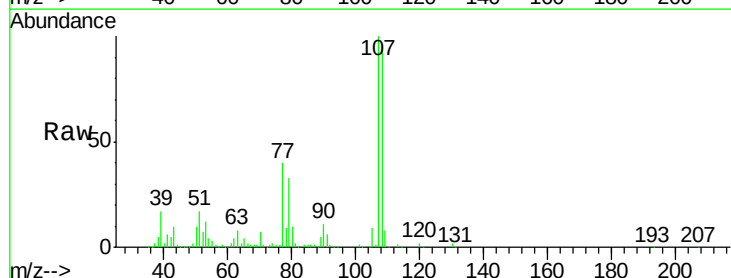
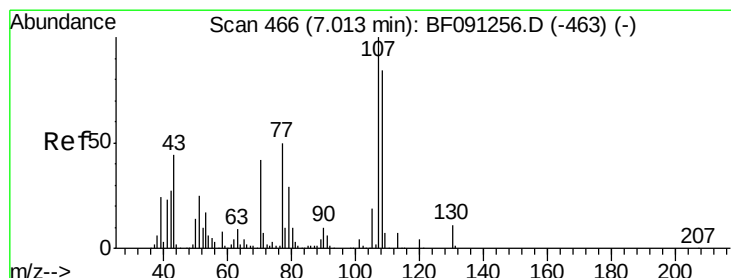
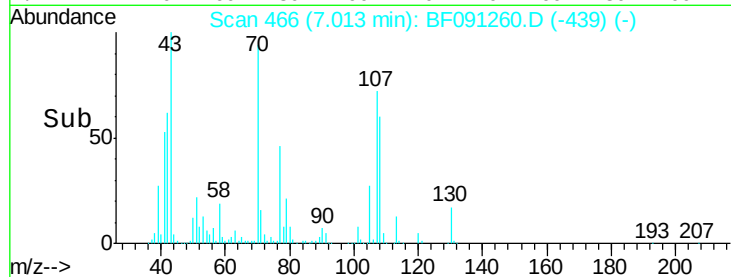
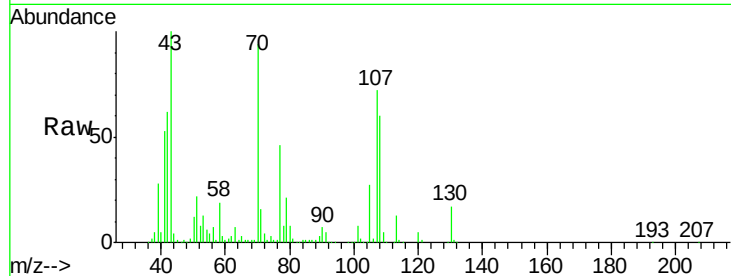
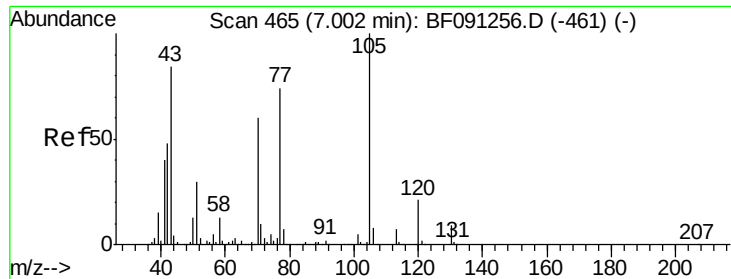
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

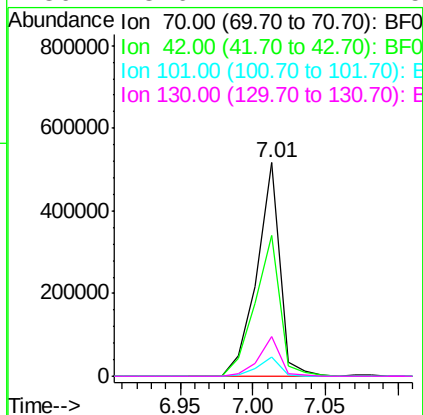




#19
n-Nitroso-di-n-propylamine
Concen: 42.82 ng
RT: 7.01 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

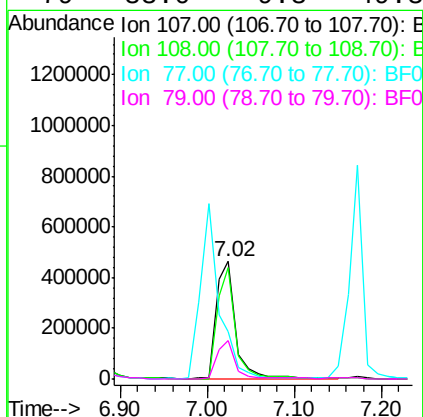
Instrument :
BNA_F
ClientSampleId :
ICVBF112116

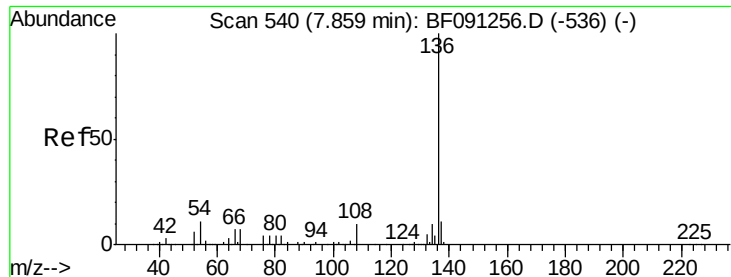
Tot Ion: 70 Resp: 570195
Ion Ratio Lower Upper
70 100
42 66.1 64.8 97.2
101 9.1 6.2 9.4
130 18.6 11.7 17.5#



#20
3+4-Methylphenols
Concen: 44.37 ng
RT: 7.02 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion:107 Resp: 728215
Ion Ratio Lower Upper
107 100
108 95.1 64.6 104.6
77 39.8 30.9 70.9
79 33.0 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

Tot Ion:136 Resp: 1002936

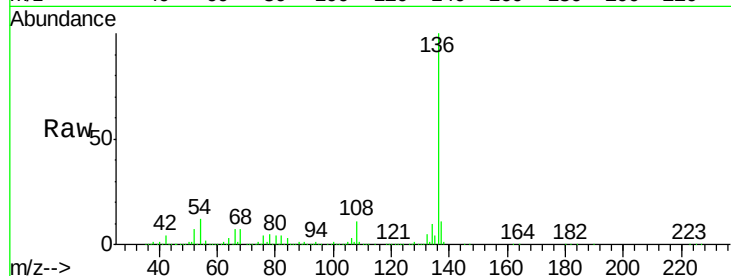
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 11.8 9.1 13.7

68 7.4 5.9 8.9

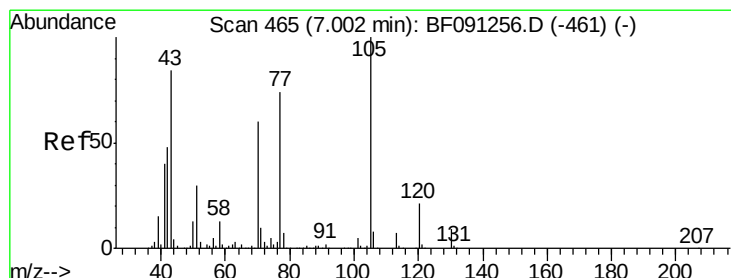
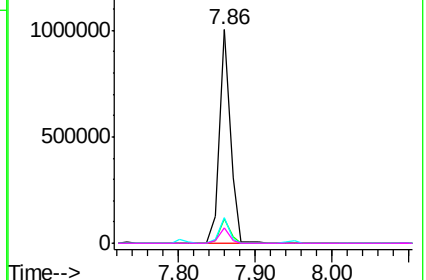
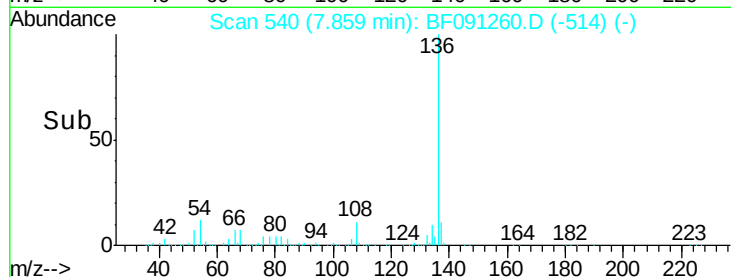


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.66 ng

RT: 7.00 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Tgt Ion:105 Resp: 972178

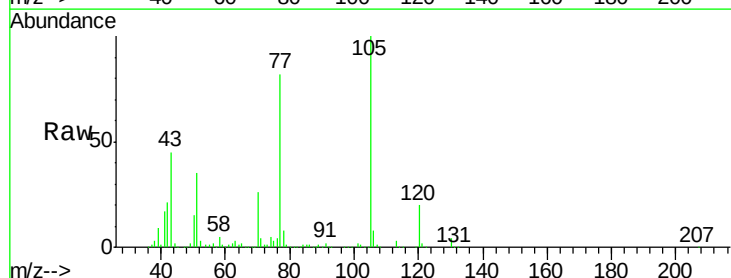
Ion Ratio Lower Upper

105 100

71 4.3 7.9 11.9#

51 35.0 24.5 36.7

120 20.2 16.6 24.8

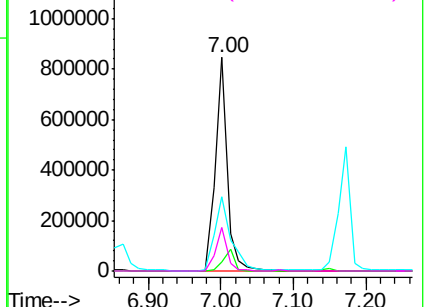
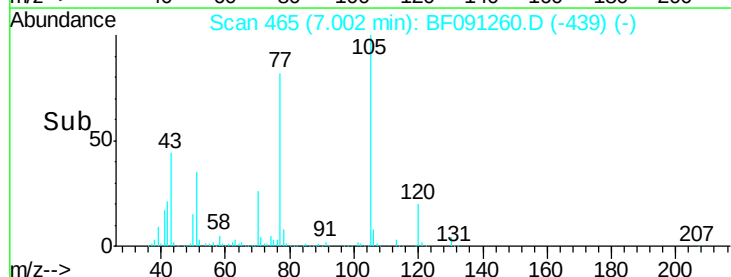


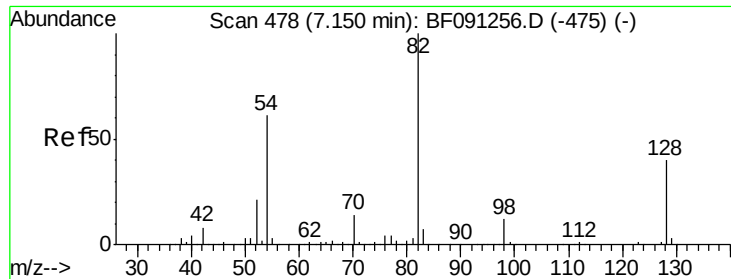
Abundance Ion 105.00 (104.70 to 105.70): E

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

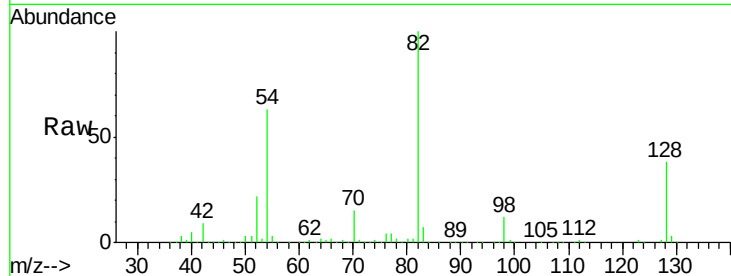




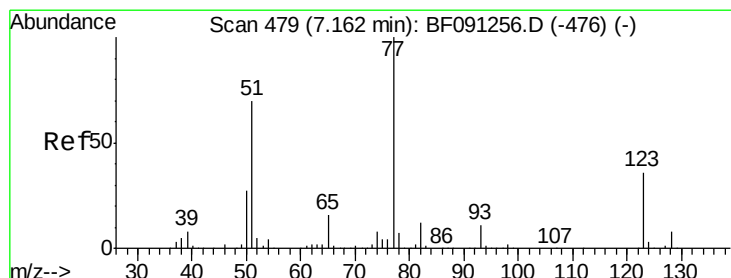
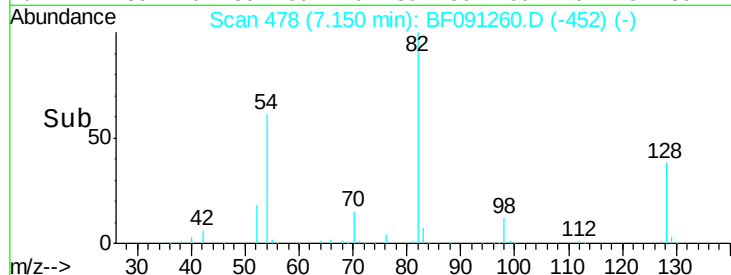
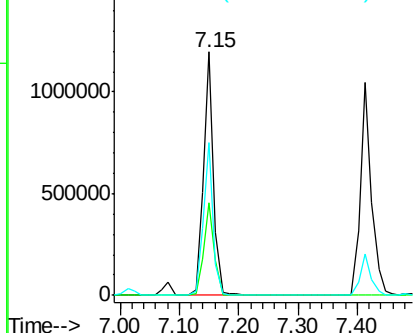
#23
Nitrobenzene-d5
Concen: 79.25 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Instrument :
BNA_F
ClientSampleId :
ICVBF112116

Tot Ion: 82 Resp: 1441524
Ion Ratio Lower Upper
82 100
128 38.0 31.8 47.6
54 62.9 49.1 73.7

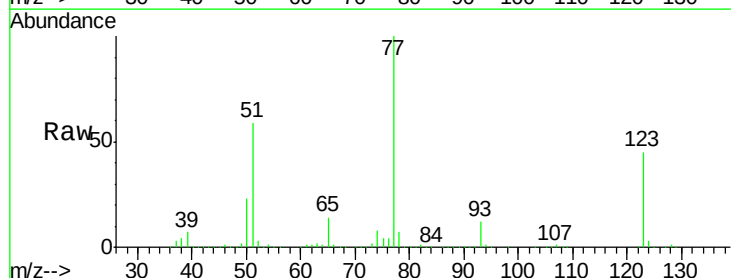


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

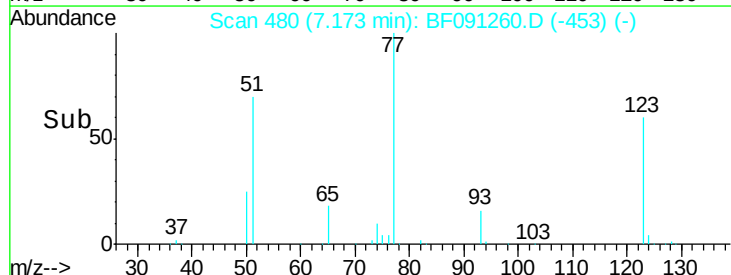
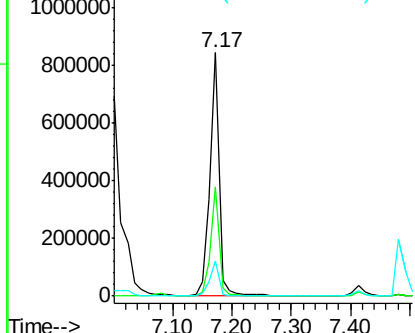


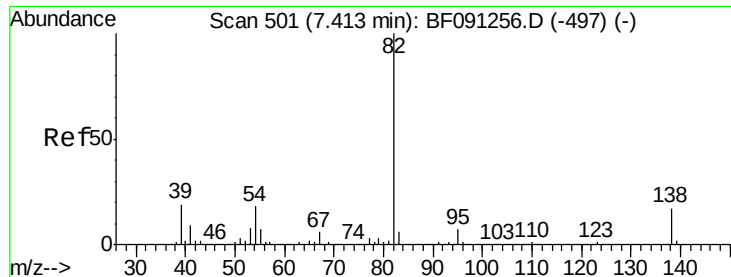
#24
Nitrobenzene
Concen: 45.24 ng
RT: 7.17 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion: 77 Resp: 915986
Ion Ratio Lower Upper
77 100
123 44.9 28.5 42.7#
65 14.2 12.5 18.7



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: 39.51 ng

RT: 7.41 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

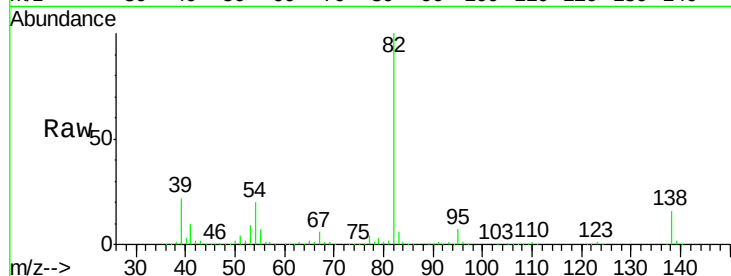
Tot Ion: 82 Resp: 135524

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

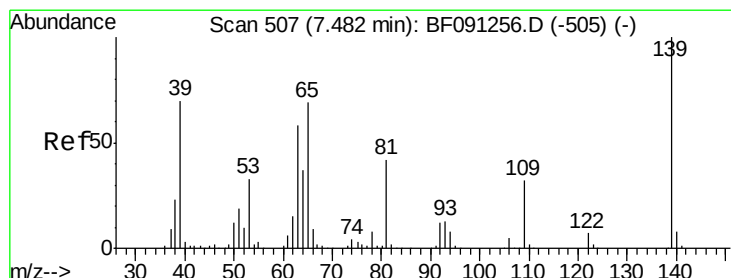
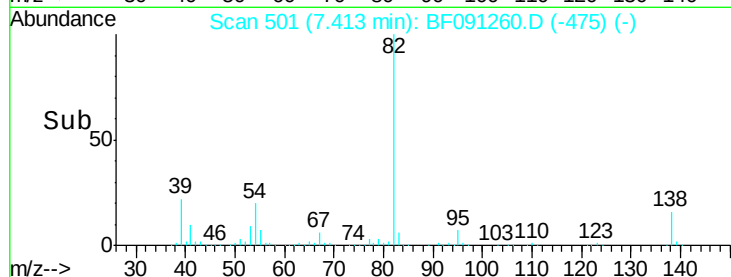
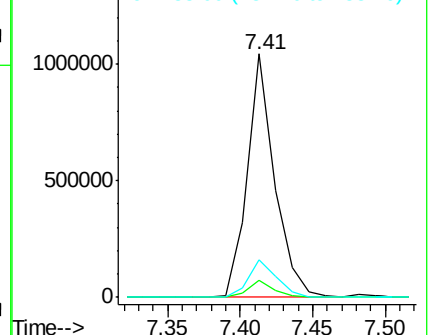
138 15.7 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.83 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

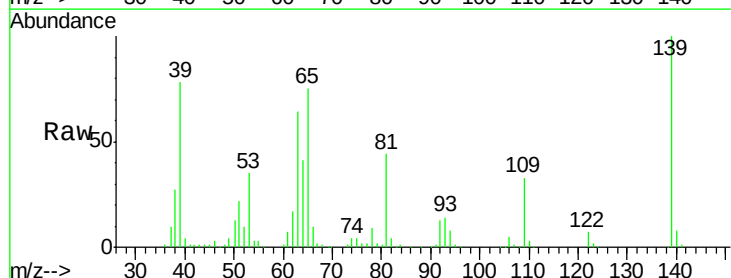
Tgt Ion: 139 Resp: 361838

Ion Ratio Lower Upper

139 100

109 33.1 25.3 37.9

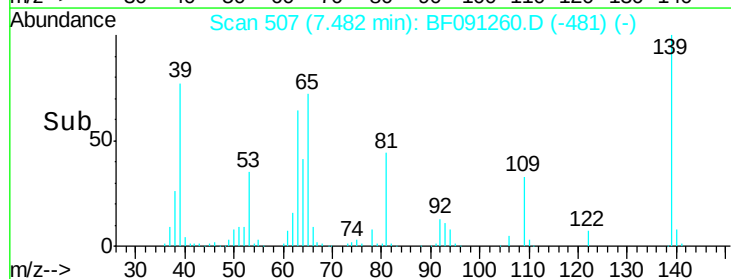
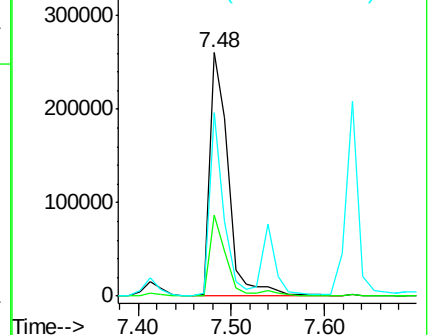
65 75.3 55.4 83.2

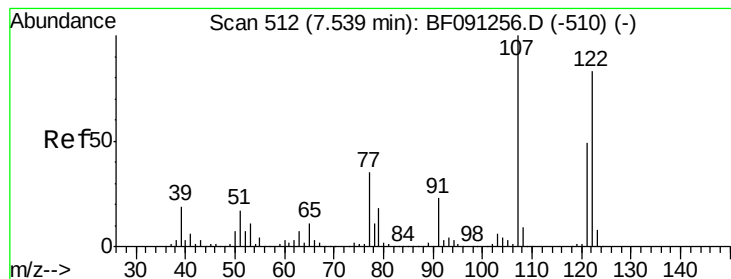


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.57 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

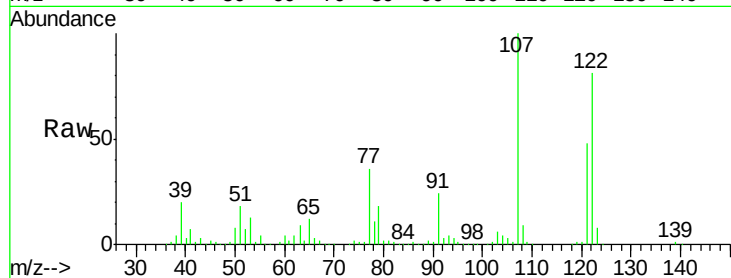
Tot Ion:122 Resp: 539339

Ion Ratio Lower Upper

122 100

107 123.3 96.8 145.2

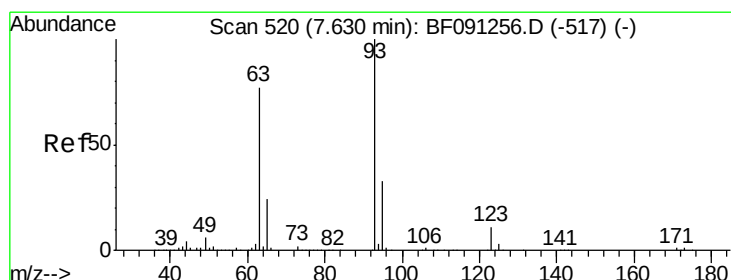
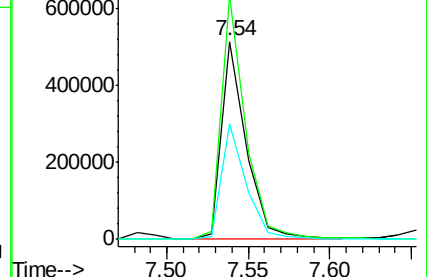
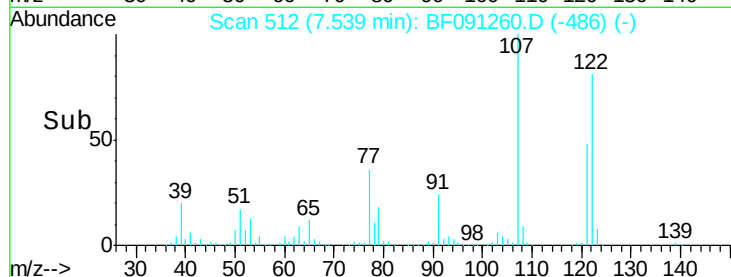
121 58.7 47.7 71.5



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: 42.83 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

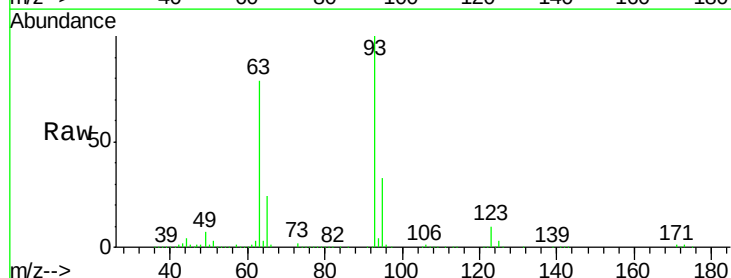
Tgt Ion: 93 Resp: 803237

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

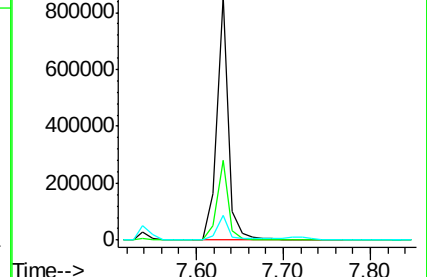
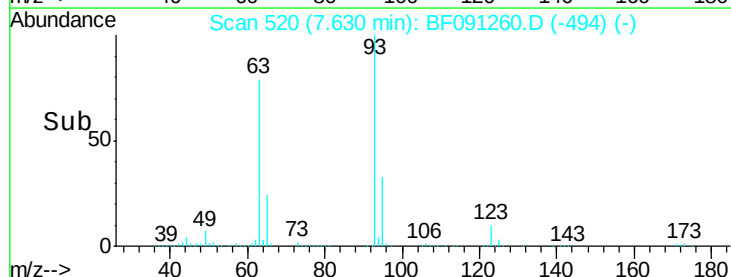
123 10.1 8.6 12.8

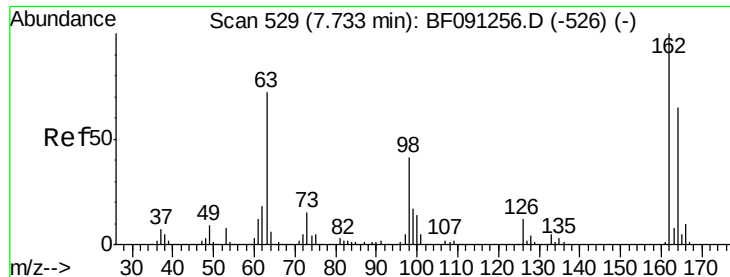


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

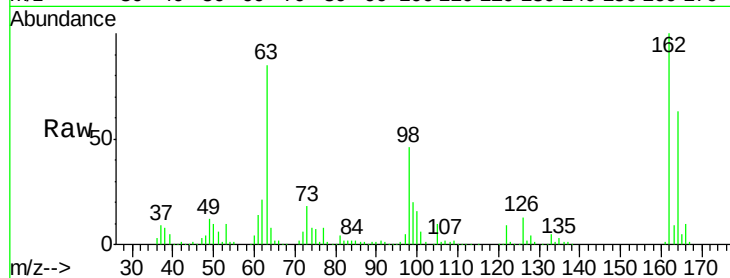




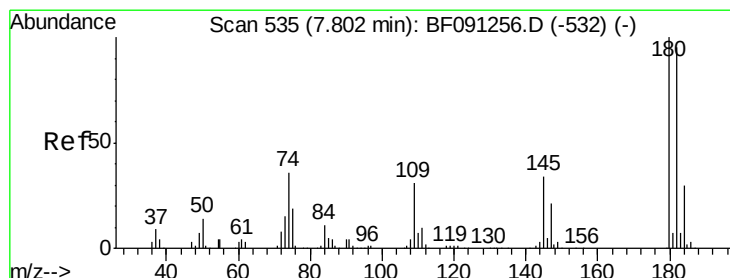
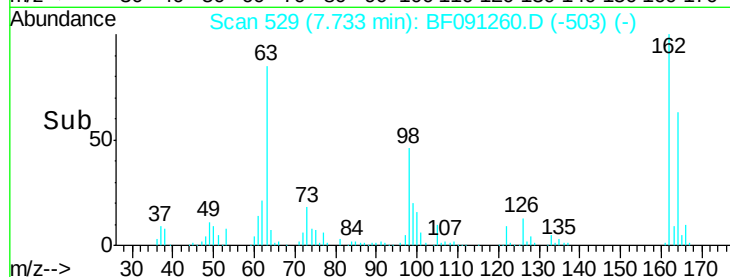
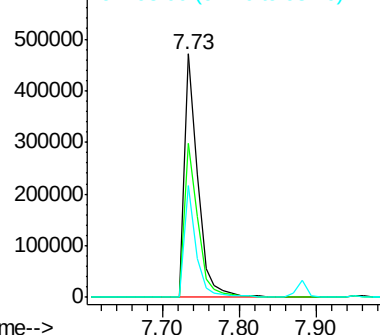
#29
 2,4-Dichlorophenol
 Concen: 41.67 ng
 RT: 7.73 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

Tot Ion:162 Resp: 565144
 Ion Ratio Lower Upper
 162 100
 164 63.2 45.0 85.0
 98 46.0 21.3 61.3

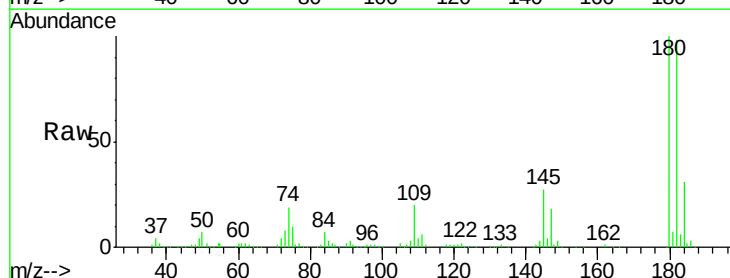


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

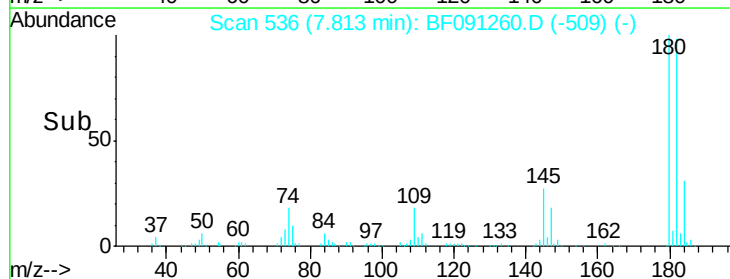
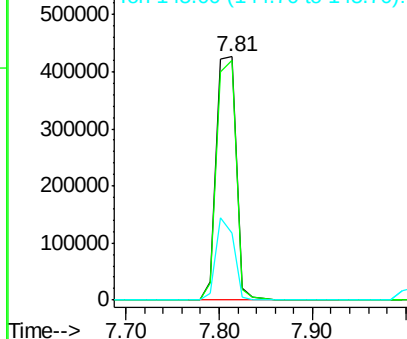


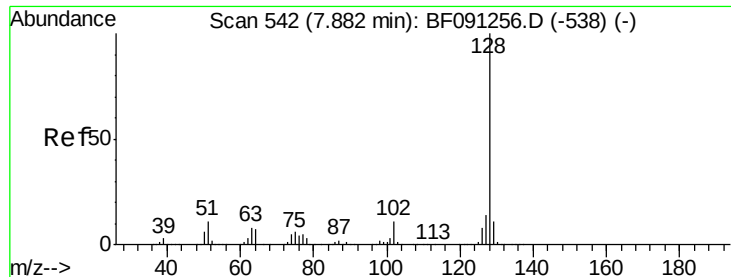
#30
 1,2,4-Trichlorobenzene
 Concen: 41.26 ng
 RT: 7.81 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Tgt Ion:180 Resp: 625148
 Ion Ratio Lower Upper
 180 100
 182 98.4 75.8 113.8
 145 27.3 27.0 40.4



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: 38.97 ng

RT: 7.88 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

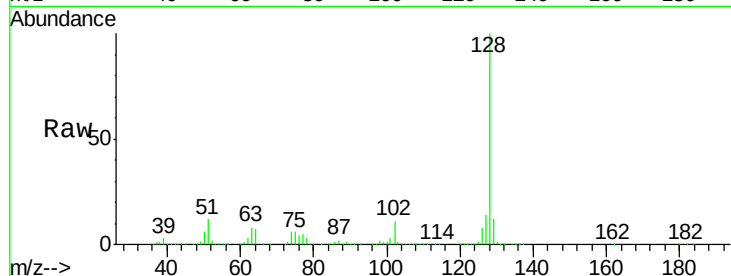
Tot Ion:128 Resp: 1826150

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

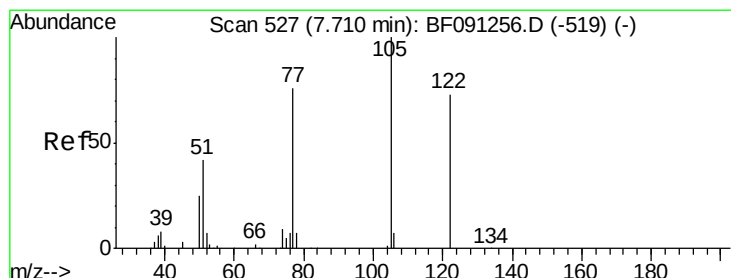
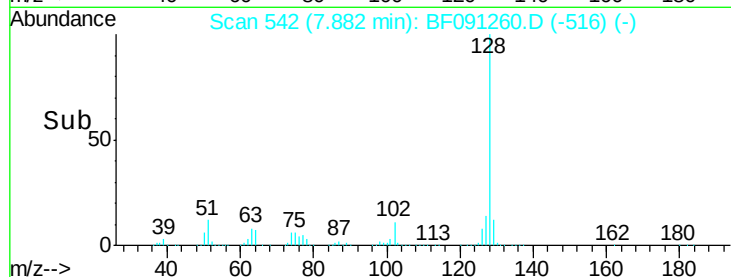
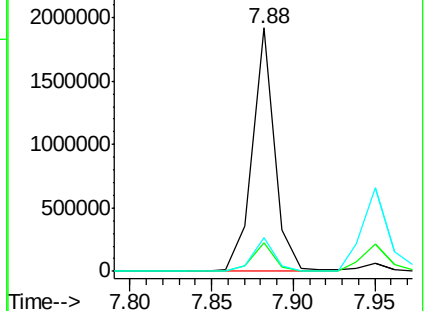
127 14.0 11.0 16.4



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: 41.84 ng

RT: 7.72 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

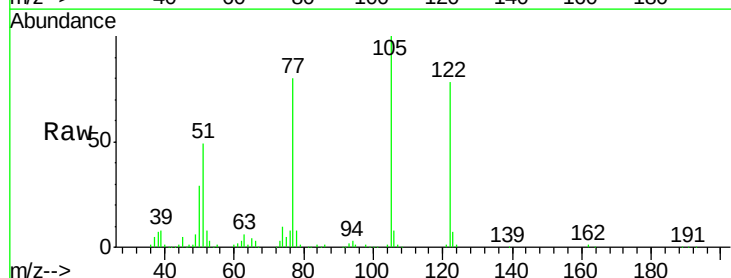
Tgt Ion:122 Resp: 401020

Ion Ratio Lower Upper

122 100

105 128.3 113.0 153.0

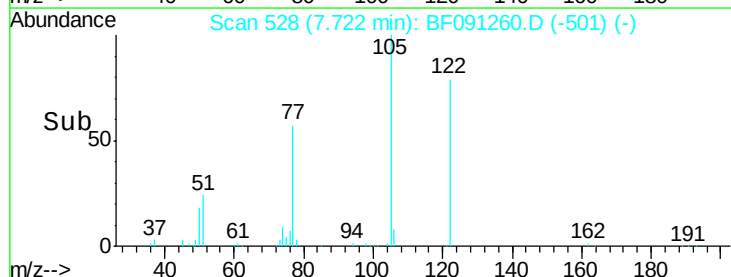
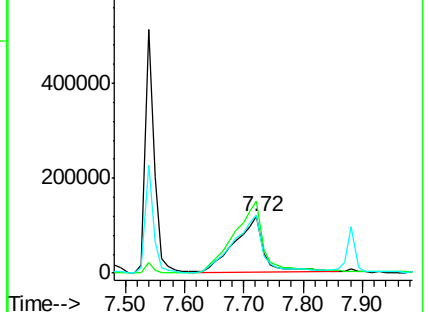
77 103.2 82.0 122.0

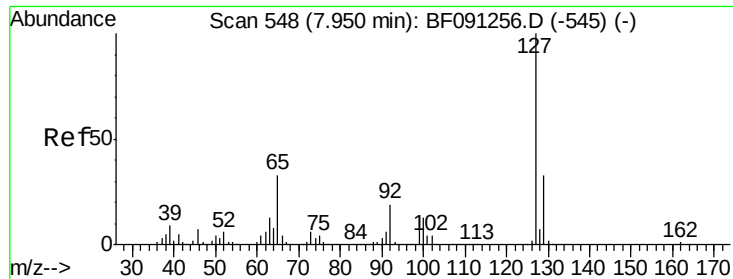


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

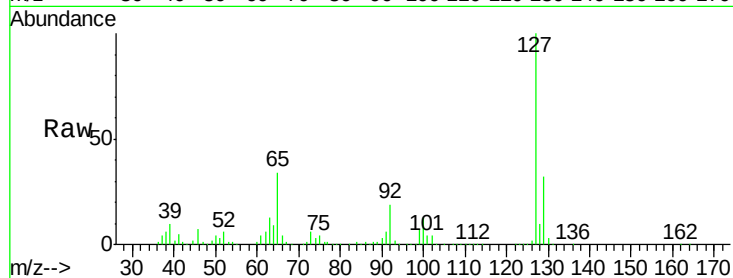




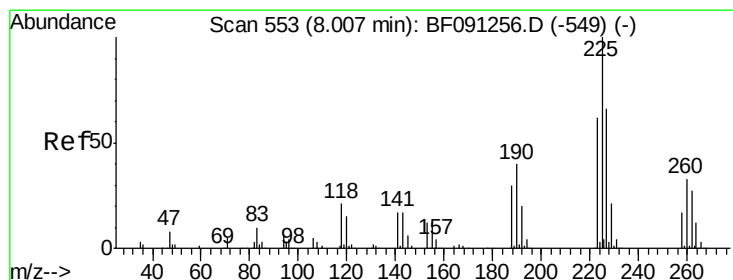
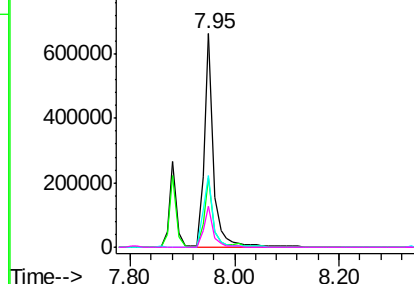
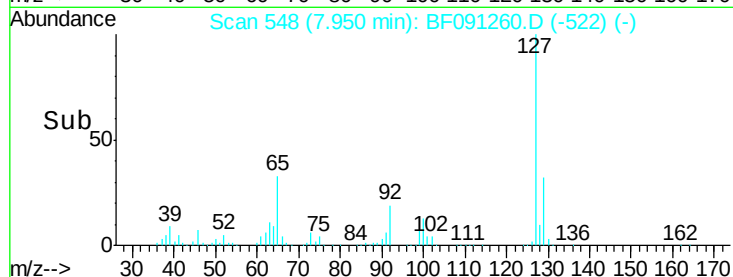
#33
4-Chloroaniline
Concen: 42.83 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Instrument :
BNA_F
ClientSampleId :
ICVBF112116

Tot Ion:	127	Resp:	812258
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	33.6	26.6	39.8
92	19.4	15.4	23.0

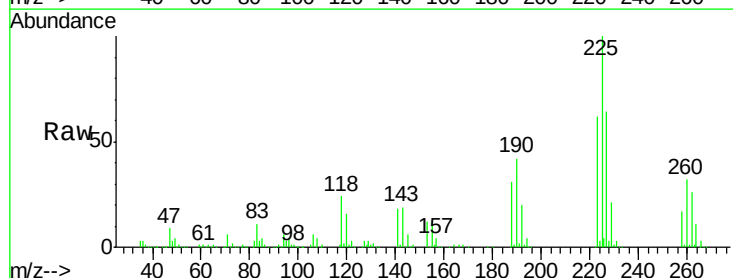


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

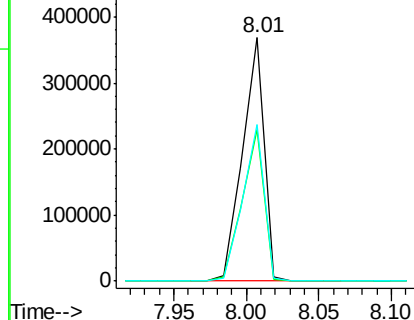
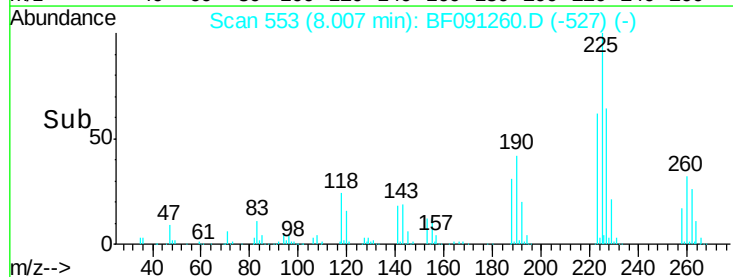


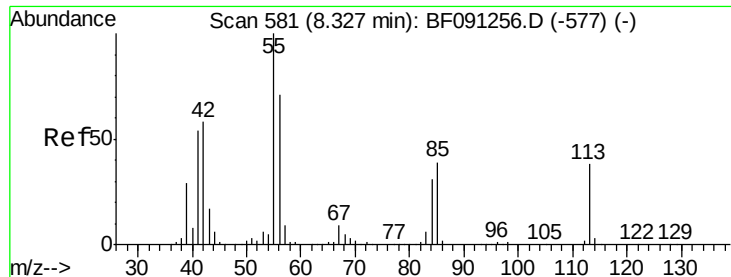
#34
Hexachlorobutadiene
Concen: 42.29 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion:	225	Resp:	379844
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	64.3	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.59 ng

RT: 8.34 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

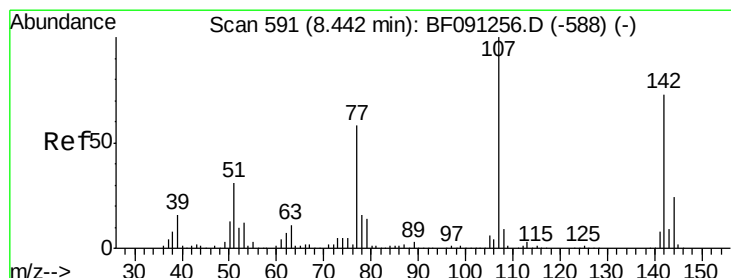
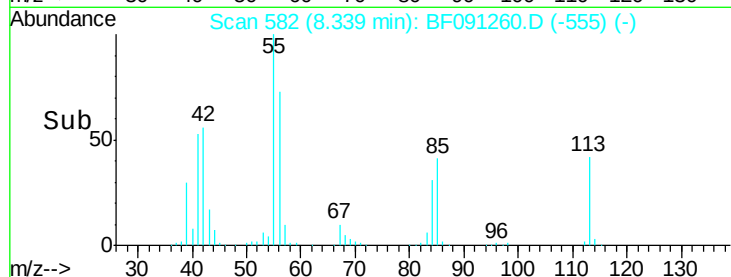
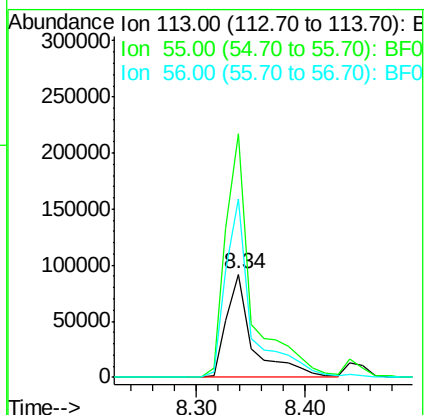
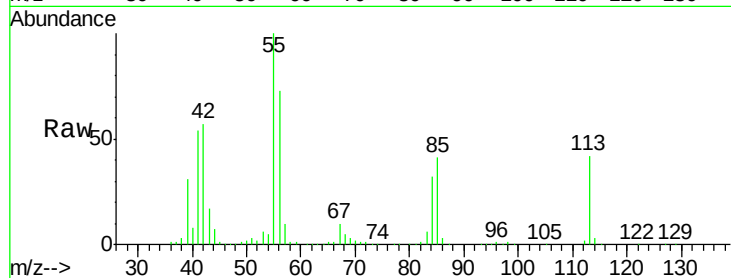
Tot Ion:113 Resp: 155034

Ion Ratio Lower Upper

113 100

55 235.4 239.8 279.8#

56 172.3 165.6 205.6



#36

4-Chloro-3-methylphenol

Concen: 40.57 ng

RT: 8.44 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

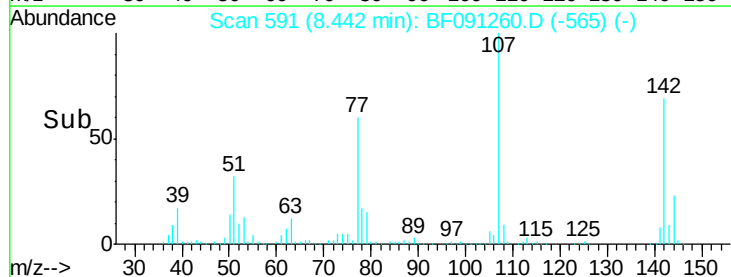
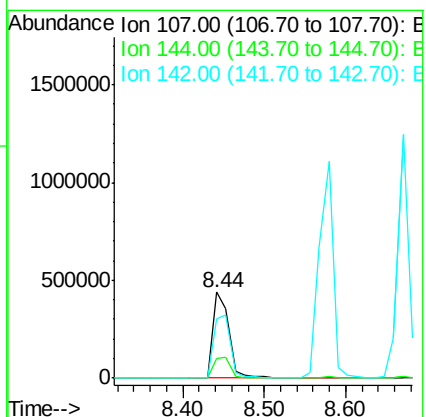
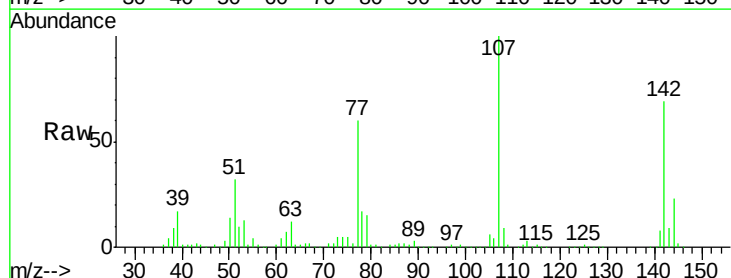
Tgt Ion:107 Resp: 603027

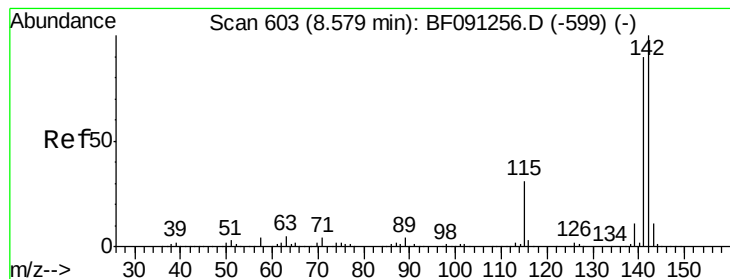
Ion Ratio Lower Upper

107 100

144 22.8 18.9 28.3

142 69.1 58.5 87.7

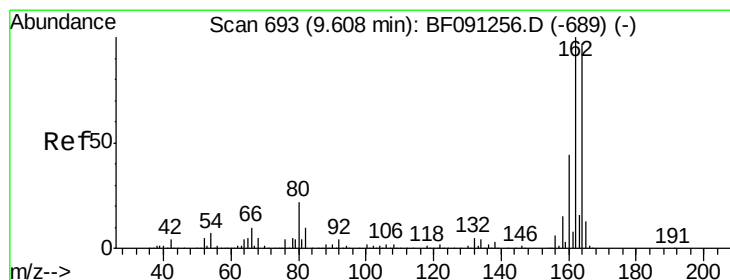
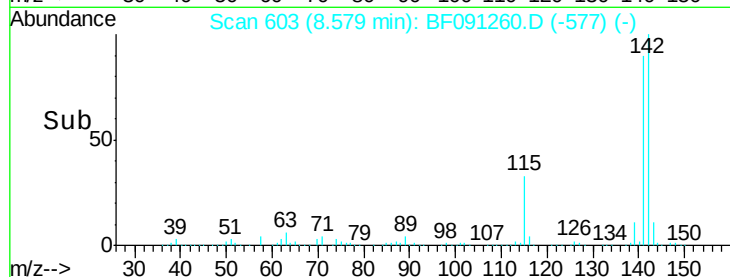
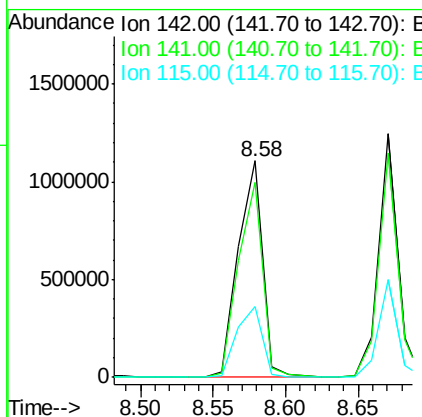
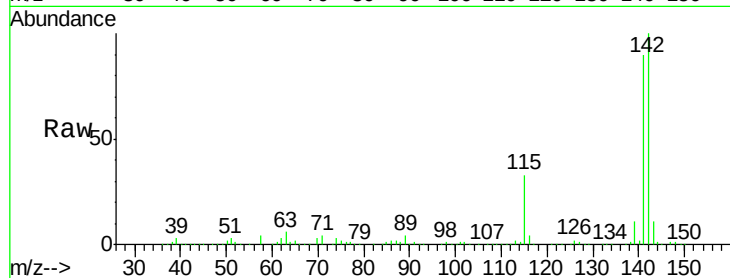




#37
2-Methylnaphthalene
Concen: 41.10 ng
RT: 8.58 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

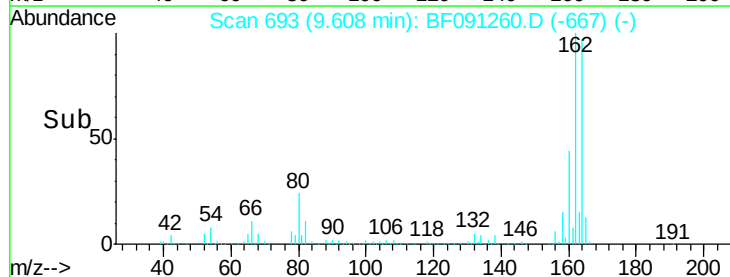
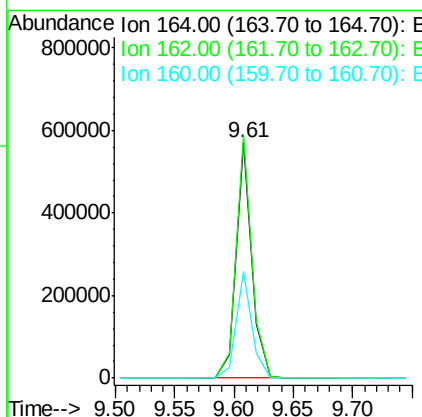
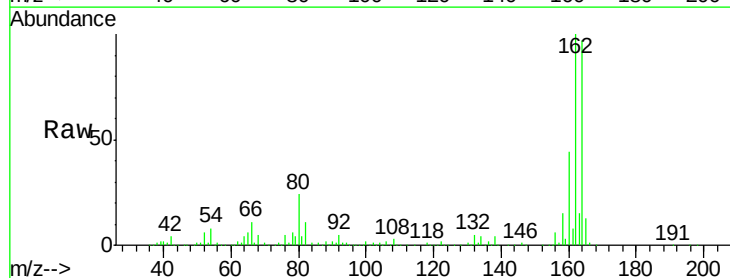
Instrument :
BNA_F
ClientSampleId :
ICVBF112116

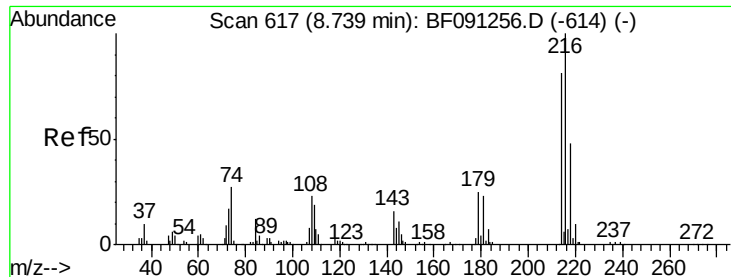
Tot Ion:142 Resp: 1291335
Ion Ratio Lower Upper
142 100
141 89.9 71.7 107.5
115 32.7 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion:164 Resp: 525430
Ion Ratio Lower Upper
164 100
162 103.4 82.6 124.0
160 45.4 36.7 55.1

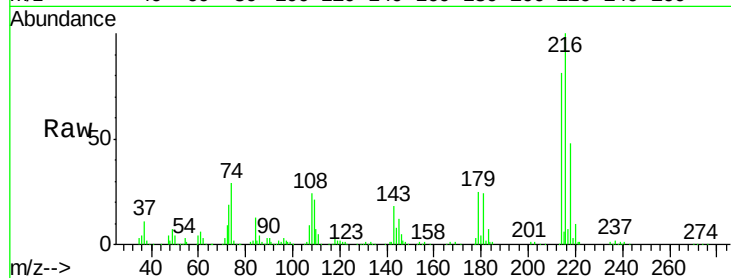




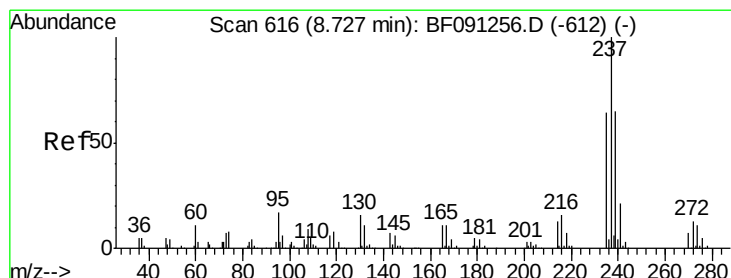
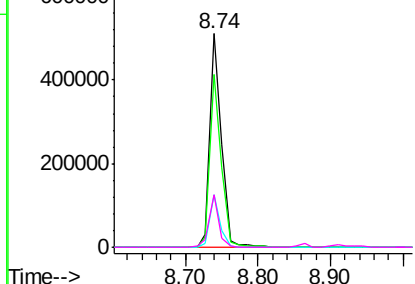
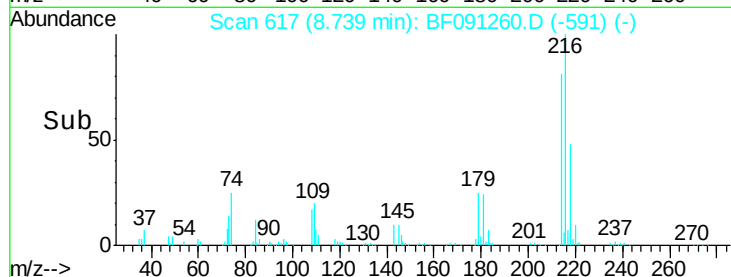
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.14 ng
 RT: 8.74 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

Tot Ion:216	Resp:	565175
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.8 95.8
179	22.3	18.2 27.2
108	20.6	17.2 25.8

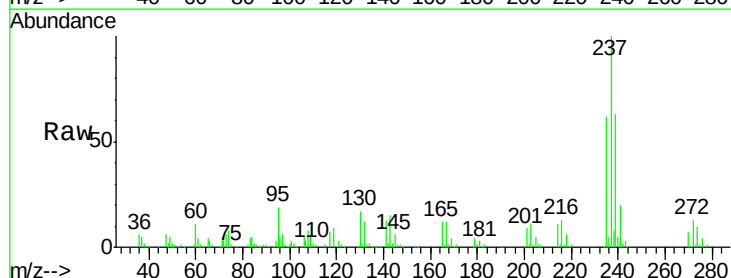


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

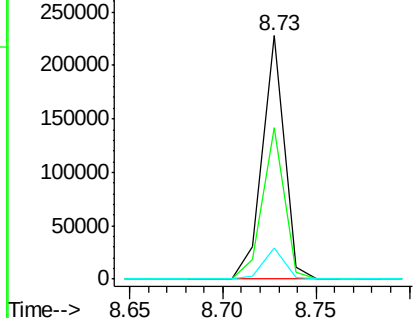
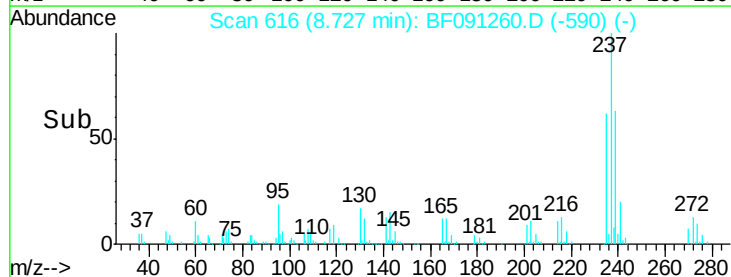


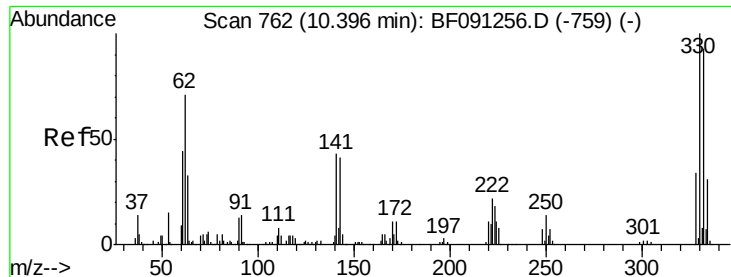
#40
 Hexachlorocyclopentadiene
 Concen: 42.72 ng
 RT: 8.73 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Tgt Ion:237	Resp:	185234
Ion Ratio	Lower	Upper
237	100	
235	62.4	43.9 83.9
272	12.8	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

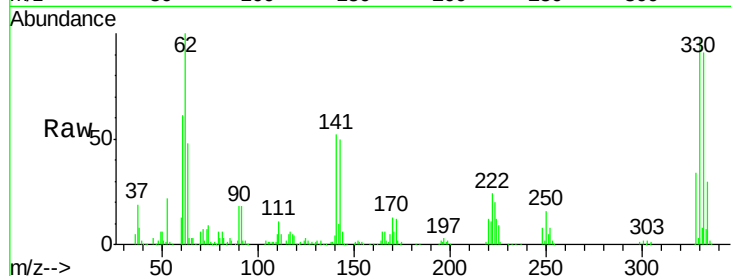




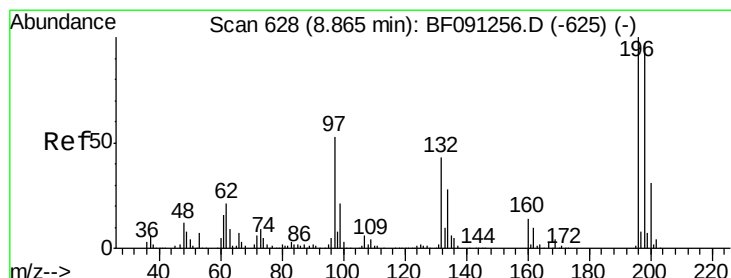
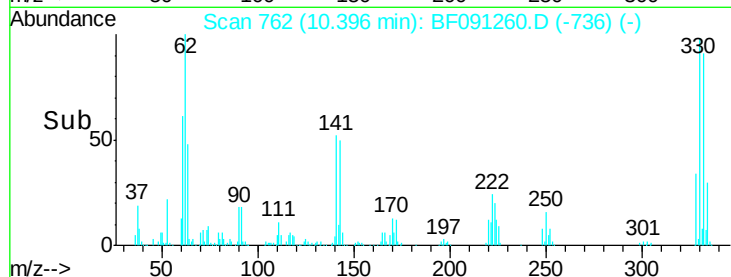
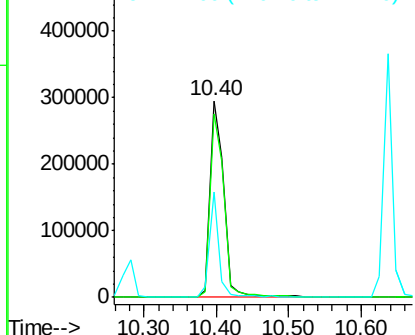
#41
 2,4,6-Tribromophenol
 Concen: 78.92 ng
 RT: 10.40 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	38.9	33.6	50.4

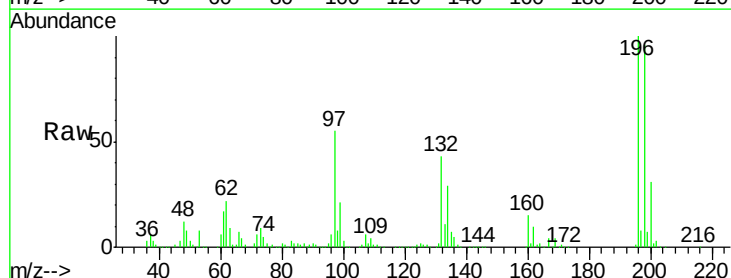


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

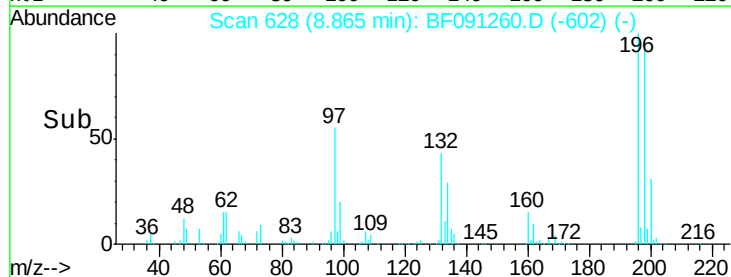
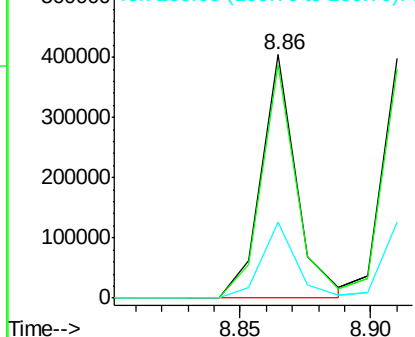


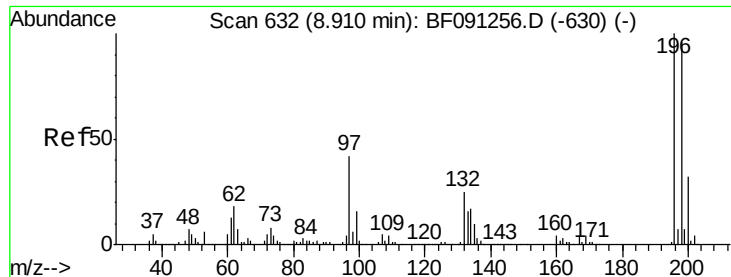
#42
 2,4,6-Trichlorophenol
 Concen: 42.05 ng
 RT: 8.86 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.4	116.0
200	31.1	25.2	37.8



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

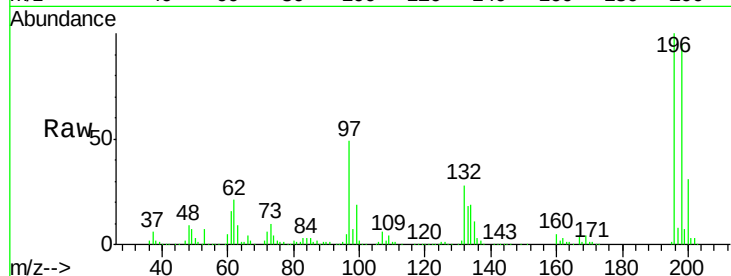




#43
 2,4,5-Trichlorophenol
 Concen: 41.45 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

Tot Ion	196	Resp	391491
Ion Ratio	100	Lower	Upper
196	100		
198	95.4	77.0	115.6
97	48.6	33.5	50.3
132	27.6	20.5	30.7



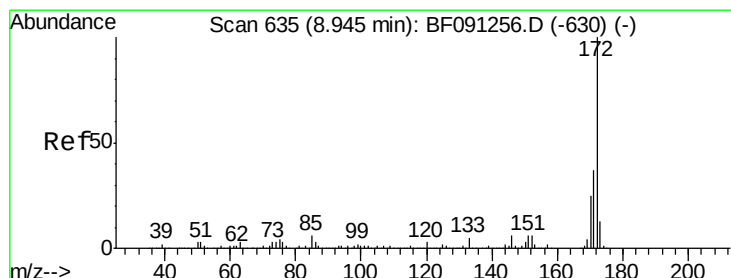
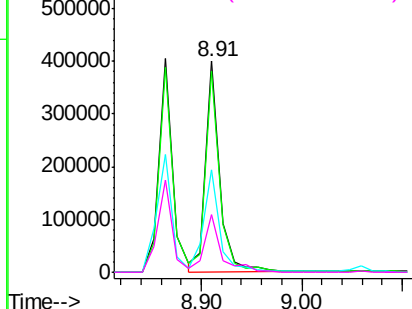
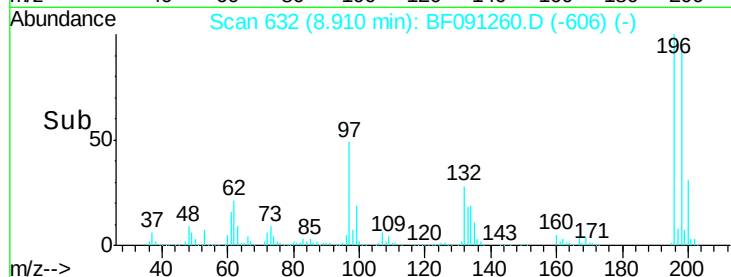
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

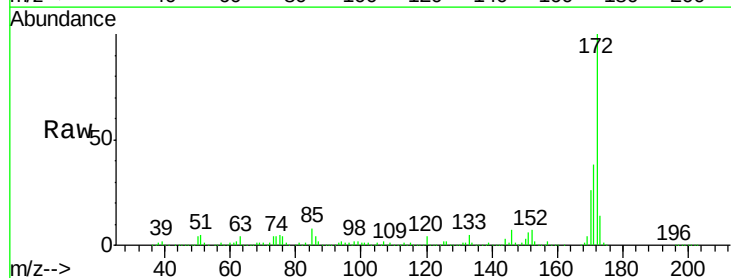
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.26 ng
 RT: 8.94 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Tgt Ion	172	Resp	2474765
Ion Ratio	100	Lower	Upper
172	100		
171	37.8	29.4	44.0
170	25.7	19.7	29.5

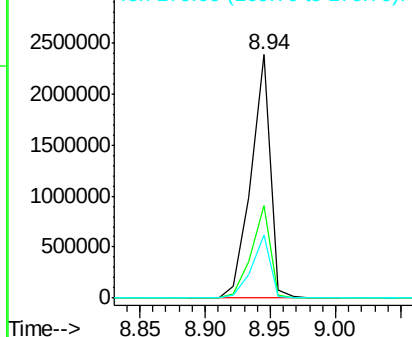
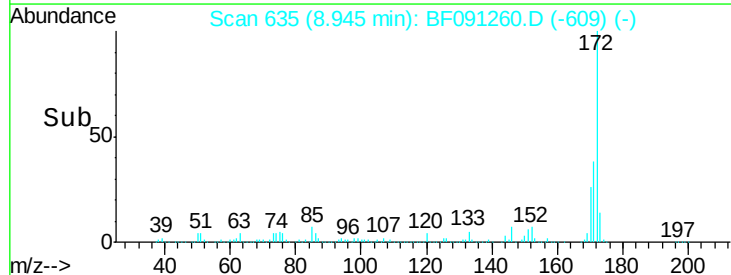


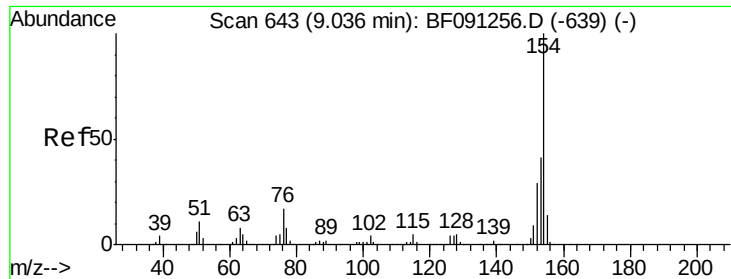
Abundance

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: 36.94 ng

RT: 9.04 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

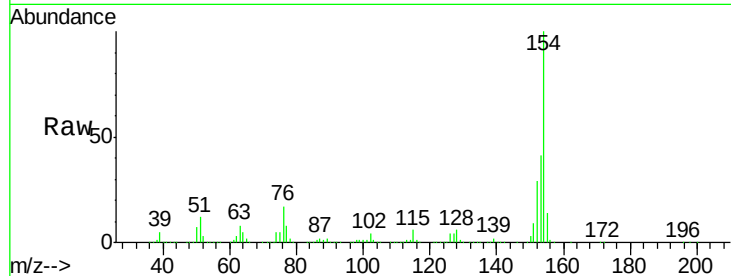
Tot Ion:154 Resp: 1480402

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

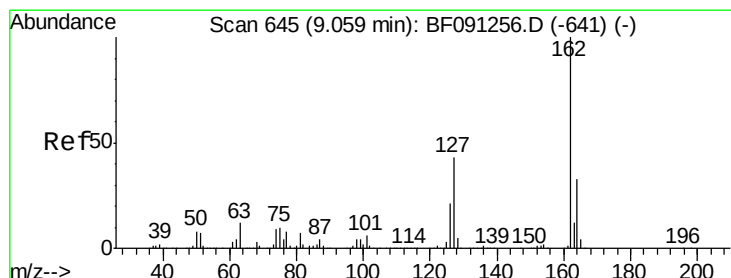
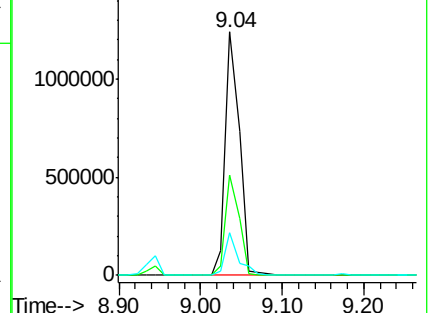
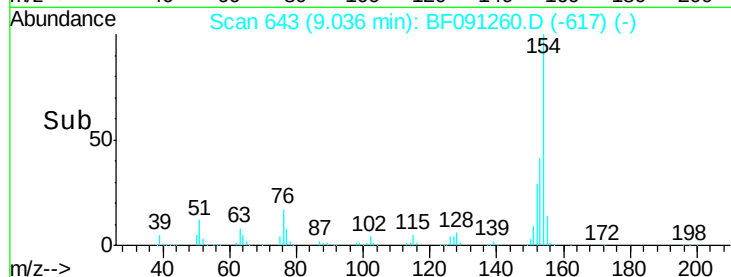
76 17.5 0.0 36.6



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): E



#46

2-Chloronaphthalene

Concen: 37.02 ng

RT: 9.06 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

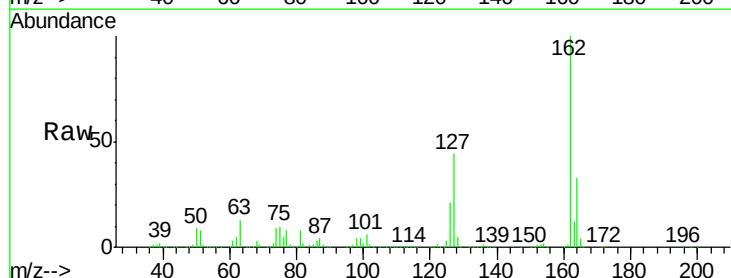
Tgt Ion:162 Resp: 1103706

Ion Ratio Lower Upper

162 100

127 44.3 34.3 51.5

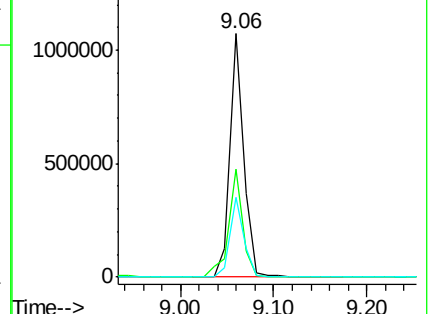
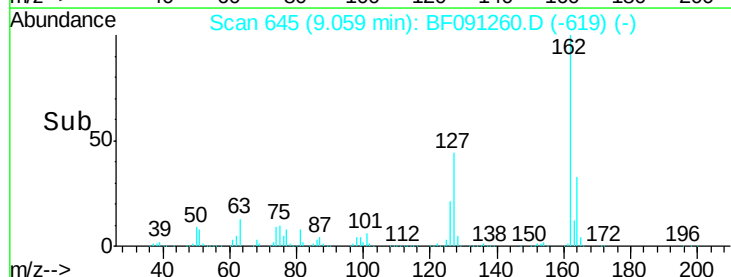
164 32.9 26.6 40.0

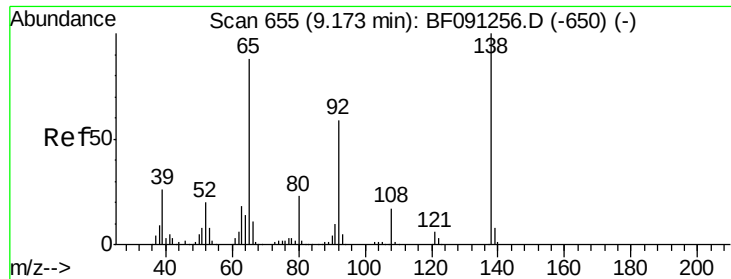


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

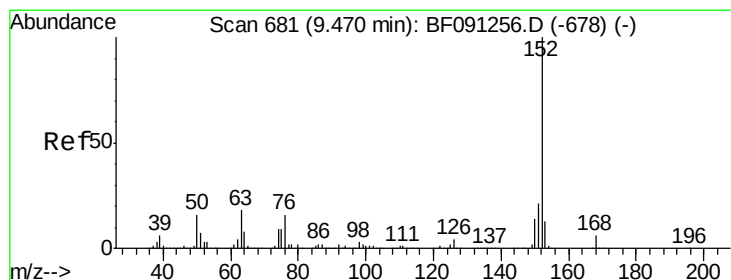
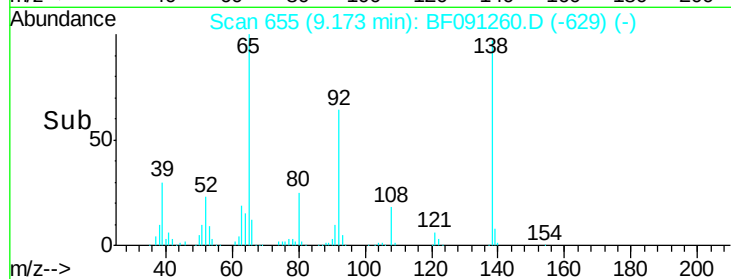
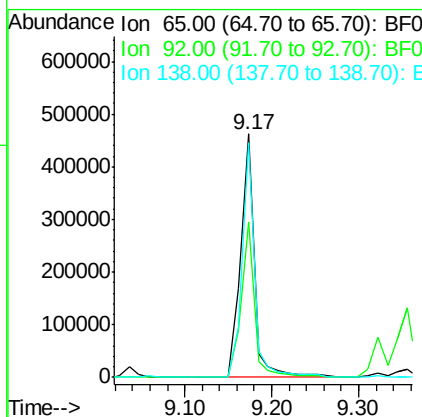
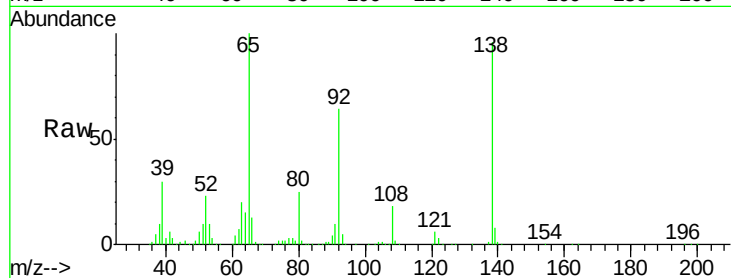




#47
2-Nitroaniline
Concen: 46.00 ng
RT: 9.17 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

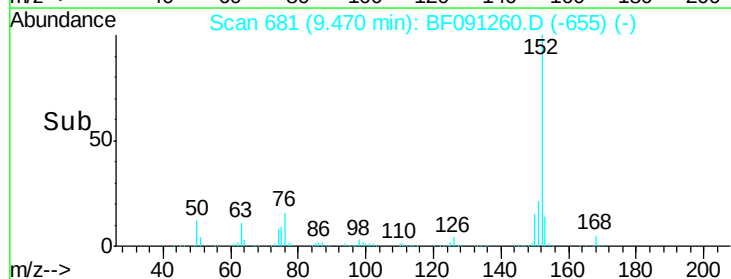
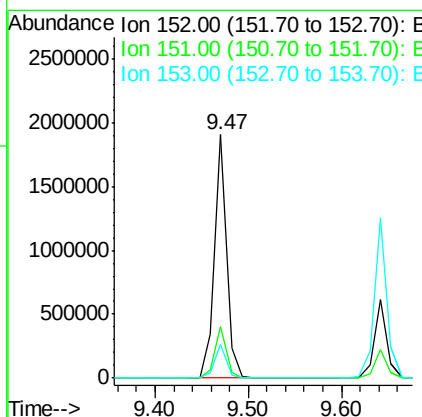
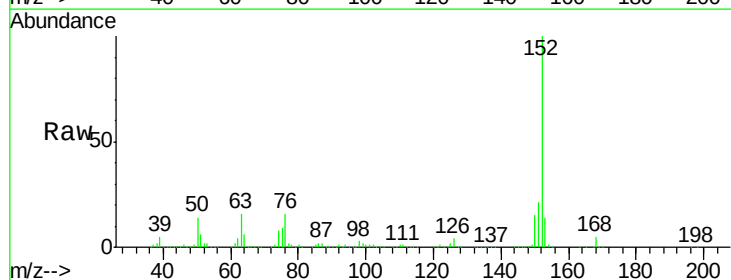
Instrument :
BNA_F
ClientSampleId :
ICVBF112116

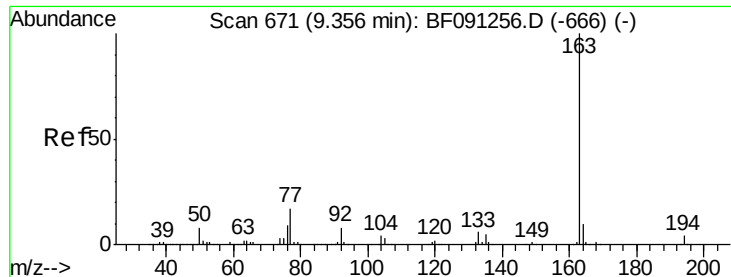
Tot Ion: 65 Resp: 508929
Ion Ratio Lower Upper
65 100
92 63.6 53.6 80.4
138 96.3 91.0 136.6



#48
Acenaphthylene
Concen: 38.62 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion: 152 Resp: 1732634
Ion Ratio Lower Upper
152 100
151 21.3 16.6 24.8
153 14.0 10.7 16.1

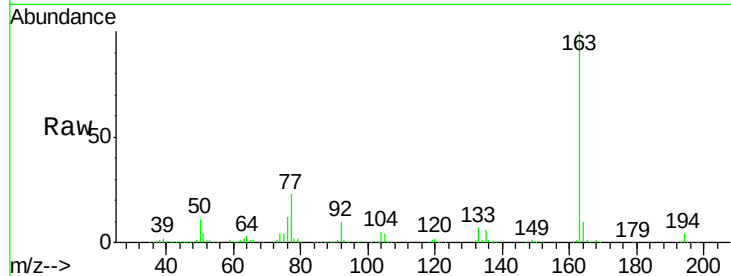




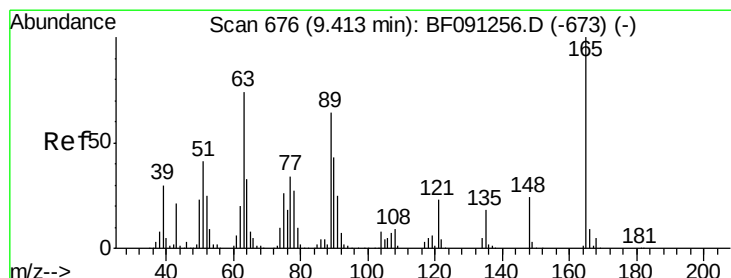
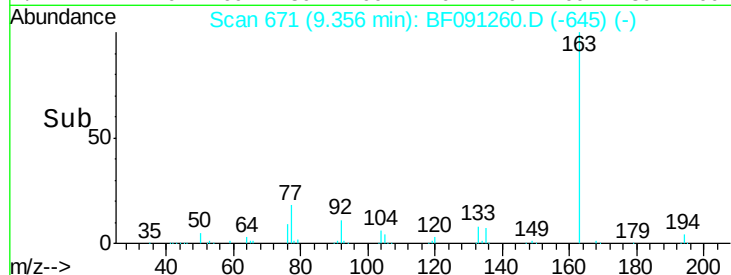
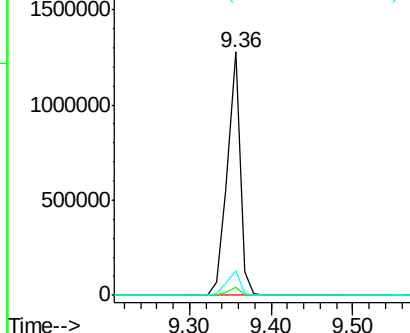
#49
Dimethylphthalate
Concen: 39.84 ng
RT: 9.36 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Instrument :
BNA_F
ClientSampleId :
ICVBF112116

Tot Ion:163 Resp: 1396497
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.4 7.8 11.8

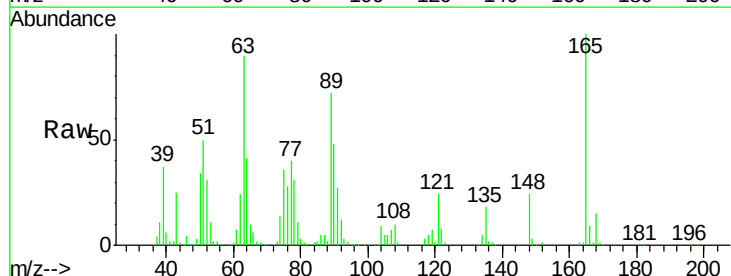


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

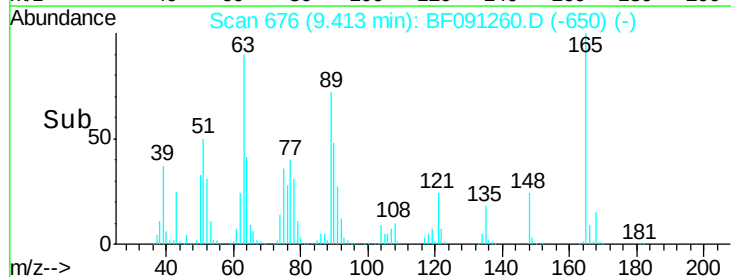
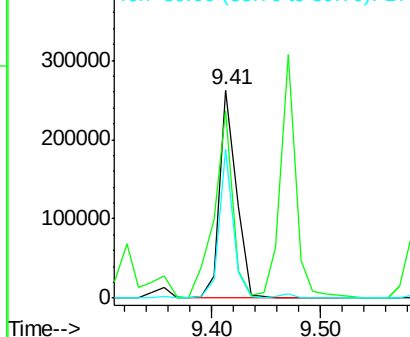


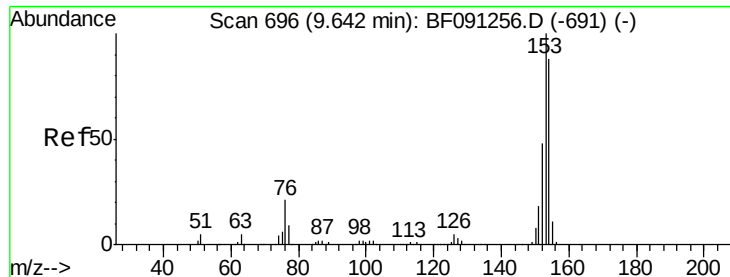
#50
2,6-Dinitrotoluene
Concen: 37.95 ng
RT: 9.41 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion:165 Resp: 285219
Ion Ratio Lower Upper
165 100
63 90.3 59.4 89.0#
89 71.6 50.8 76.2



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: 37.24 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

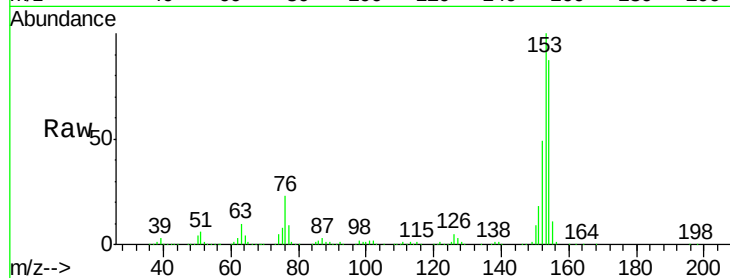
Tot Ion:154 Resp: 1036053

Ion Ratio Lower Upper

154 100

153 115.0 91.0 136.6

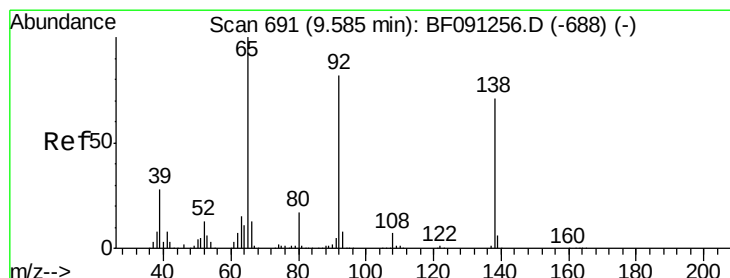
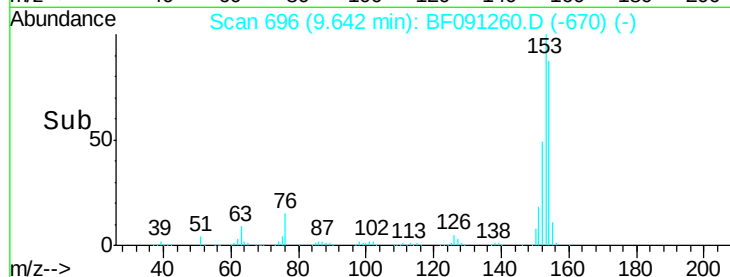
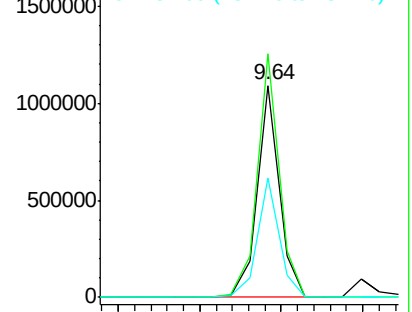
152 56.3 44.2 66.2



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: 42.08 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

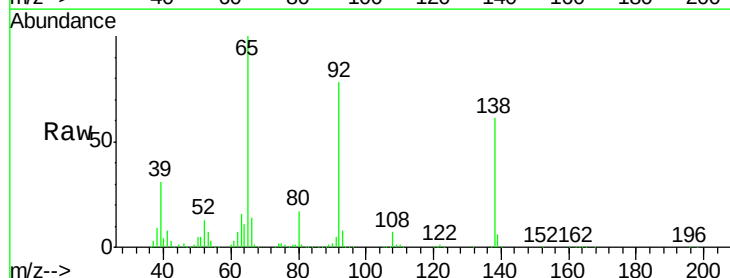
Tgt Ion:138 Resp: 337129

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

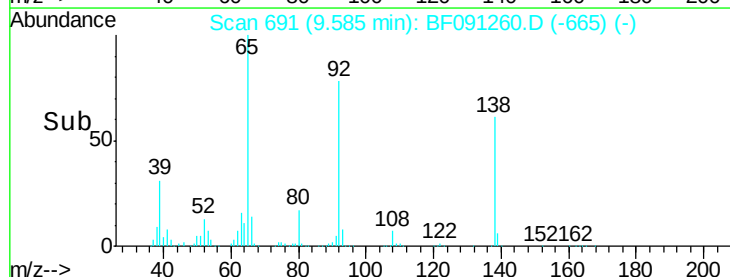
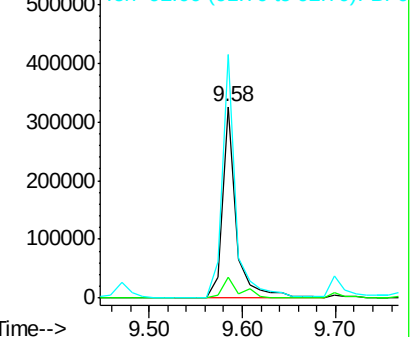
92 127.2 92.5 138.7

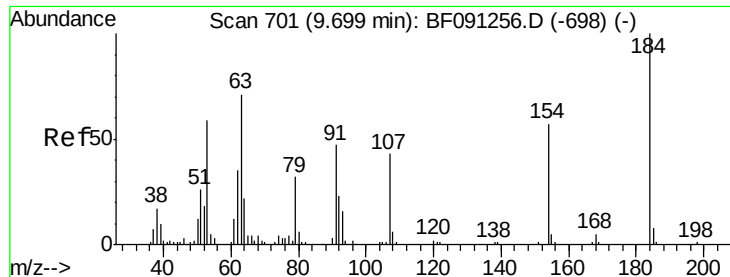


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

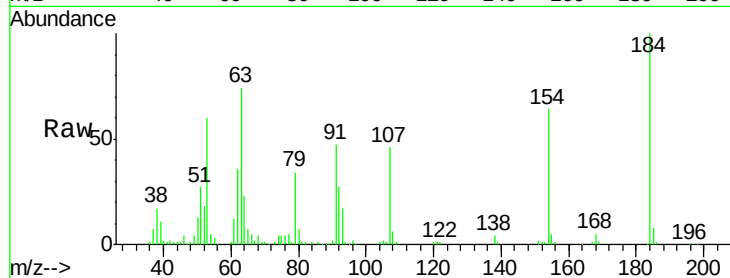




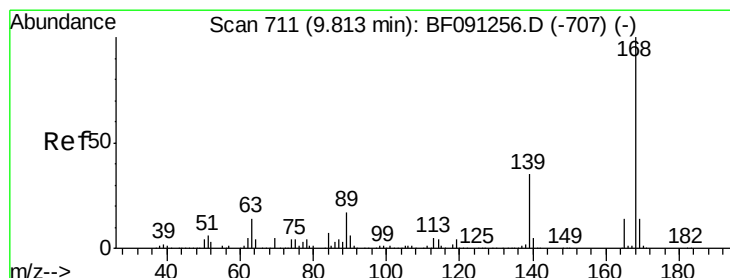
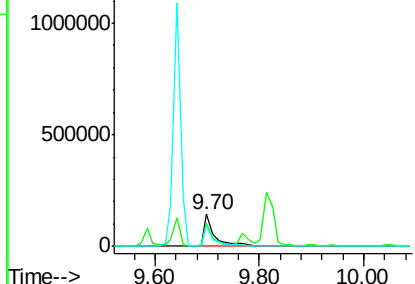
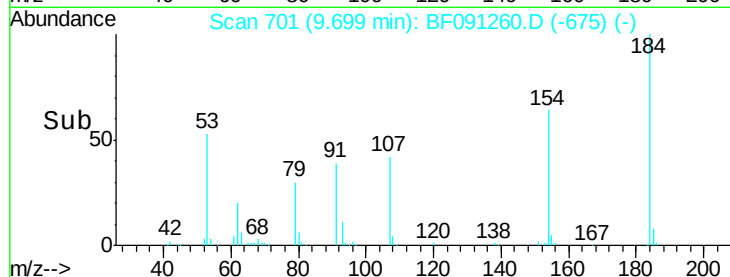
#53
2,4-Dinitrophenol
Concen: 48.43 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Instrument :
BNA_F
ClientSampleId :
ICVBF112116

Tot Ion:184 Resp: 212622
Ion Ratio Lower Upper
184 100
63 73.8 58.3 87.5
154 63.8 48.6 73.0

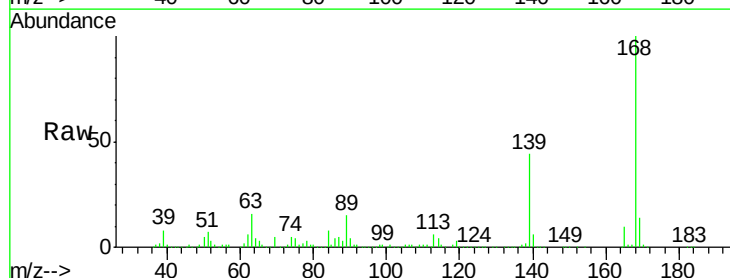


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

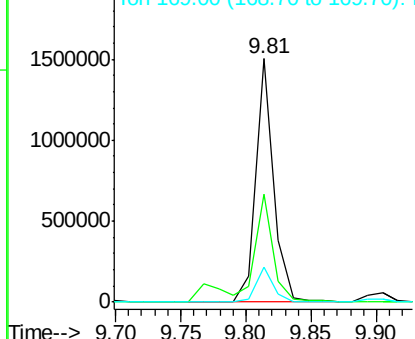
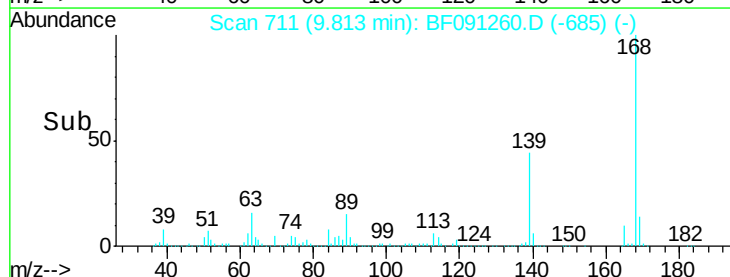


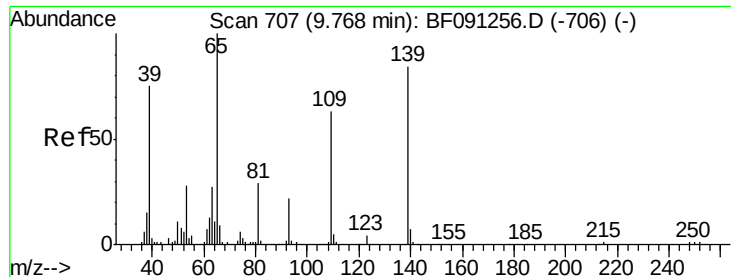
#54
Dibenzofuran
Concen: 37.02 ng
RT: 9.81 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion:168 Resp: 1434266
Ion Ratio Lower Upper
168 100
139 44.2 33.4 50.2
169 14.2 11.1 16.7



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





#55

4-Nitrophenol

Concen: 43.65 ng/mL

RT: 9.77 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

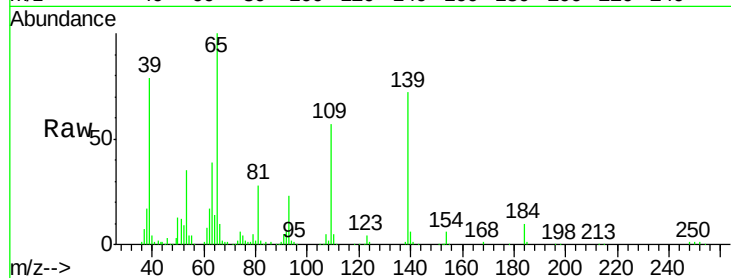
Tot Ion:139 Resp: 158900

Ion Ratio Lower Upper

139 100

109 78.8 54.9 94.9

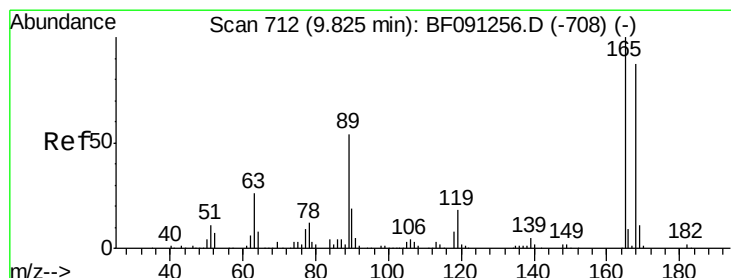
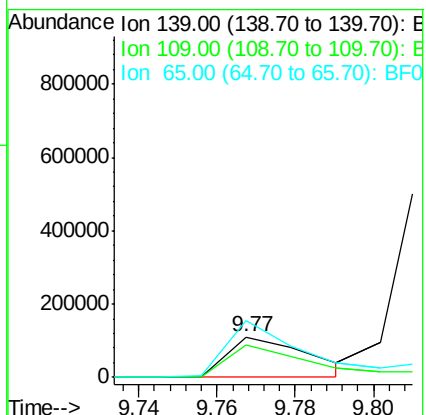
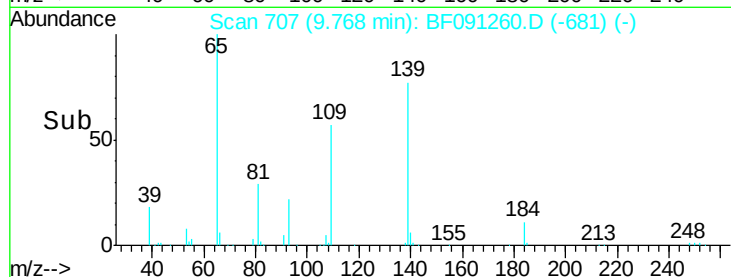
65 138.5 102.2 142.2



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: 44.70 ng/mL

RT: 9.82 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Tgt Ion:165 Resp: 422932

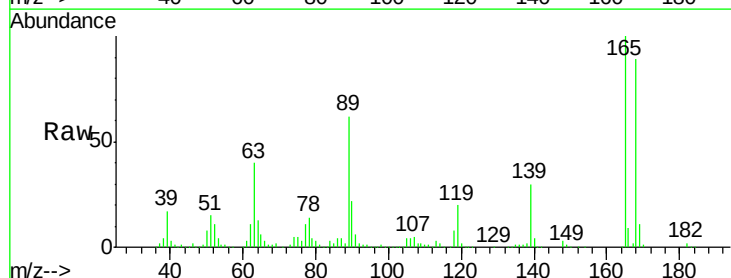
Ion Ratio Lower Upper

165 100

63 40.4 29.0 43.4

89 61.8 43.1 64.7

182 2.4 1.9 2.9

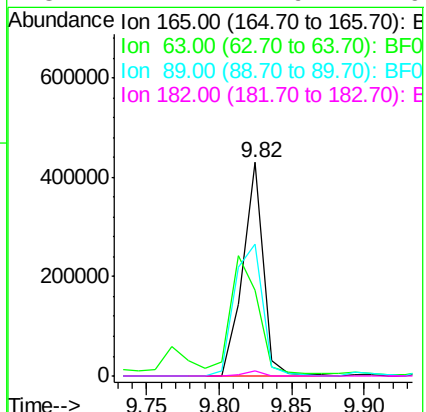
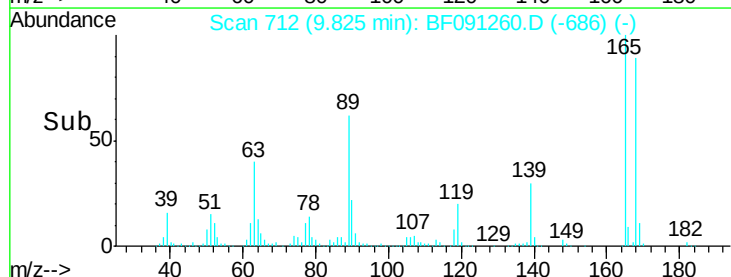


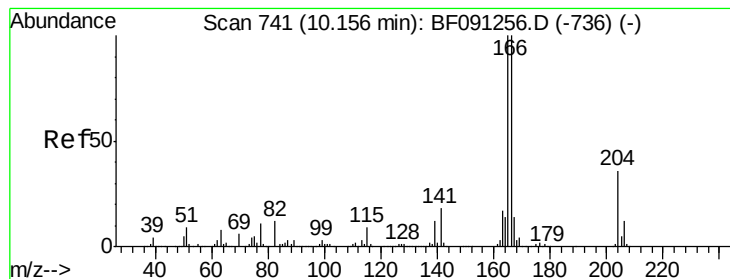
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.98 ng

RT: 10.16 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

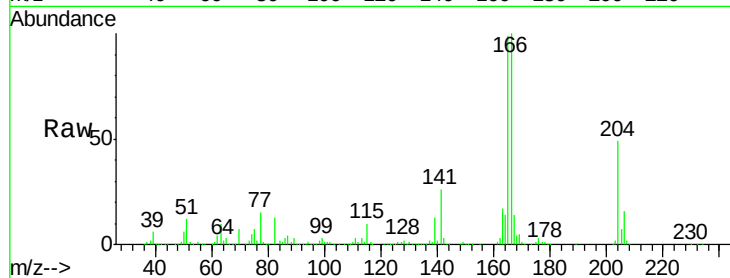
Tot Ion:166 Resp: 1191131

Ion Ratio Lower Upper

166 100

165 98.9 80.0 120.0

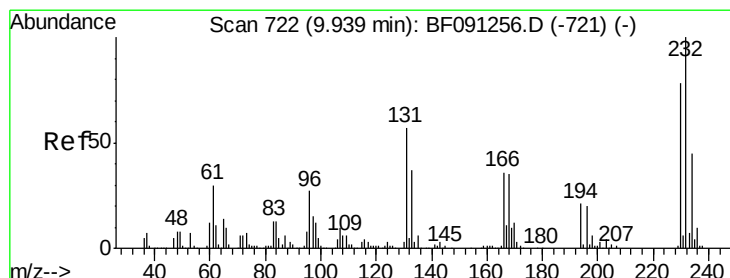
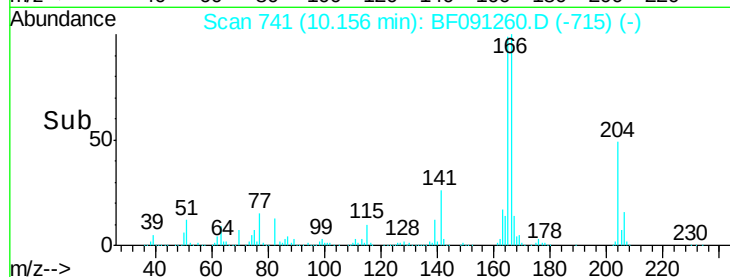
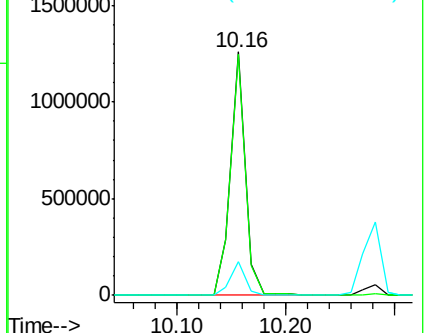
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.12 ng

RT: 9.94 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Tgt Ion:232 Resp: 327026

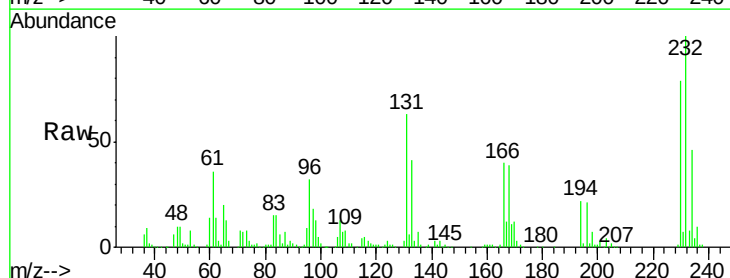
Ion Ratio Lower Upper

232 100

131 46.7 38.4 57.6

130 2.1 1.8 2.8

166 30.2 23.9 35.9

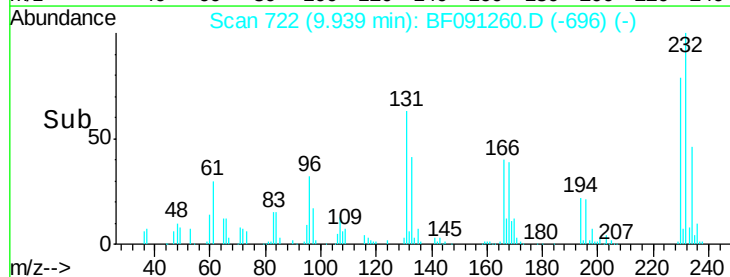
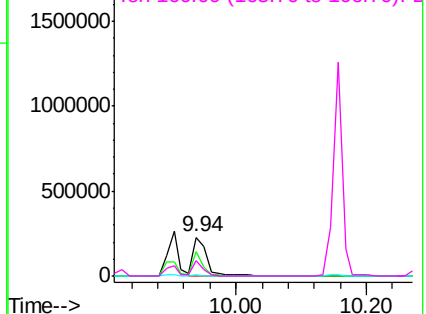


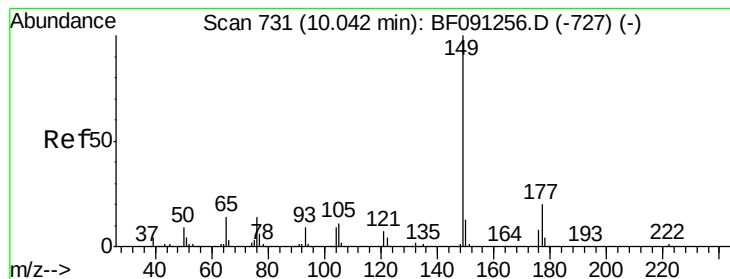
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.40 ng

RT: 10.05 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

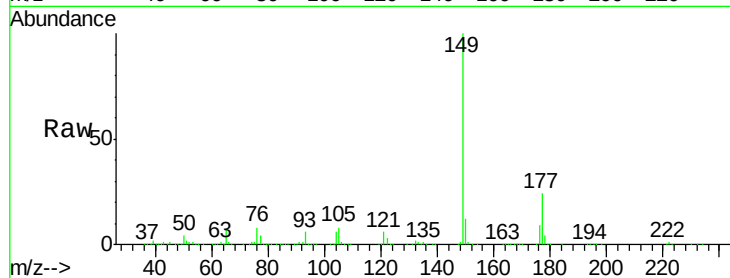
Tot Ion:149 Resp: 1406772

Ion Ratio Lower Upper

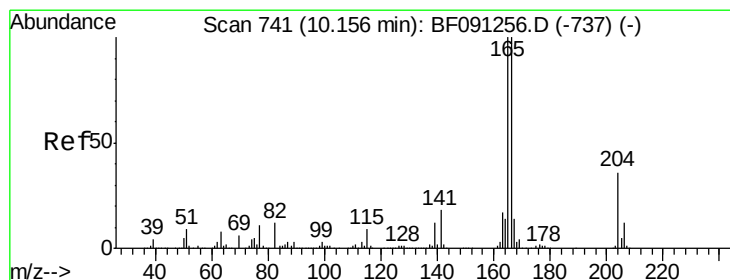
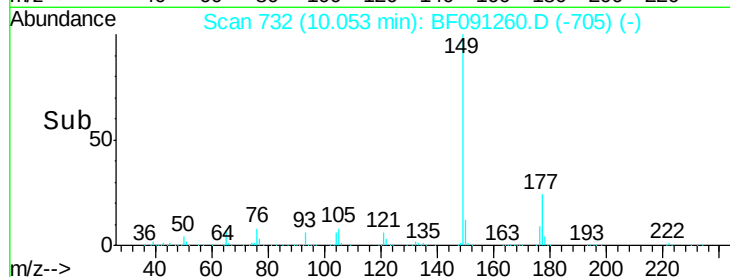
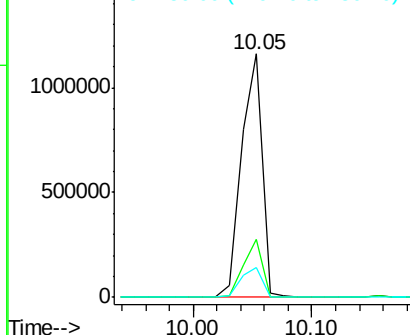
149 100

177 23.9 15.7 23.5#

150 12.2 10.2 15.2



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: 41.19 ng

RT: 10.16 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

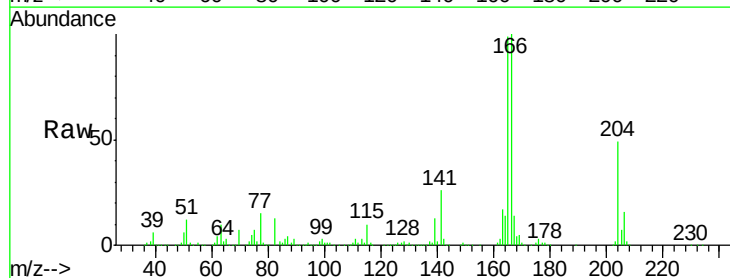
Tgt Ion:204 Resp: 606603

Ion Ratio Lower Upper

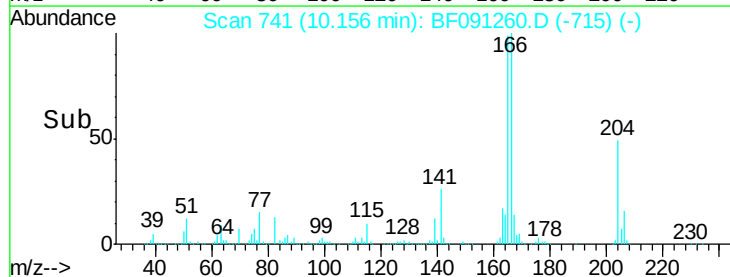
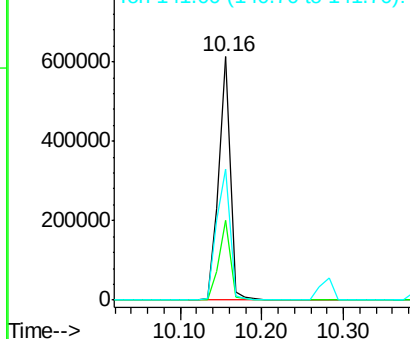
204 100

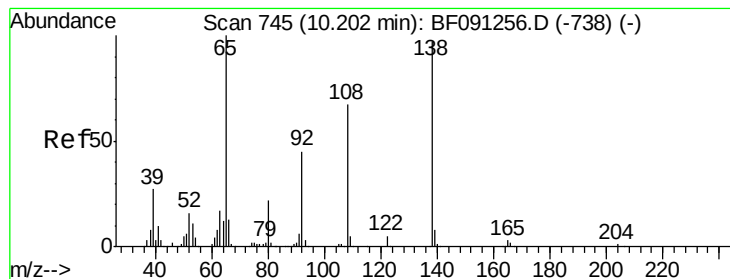
206 32.9 26.1 39.1

141 53.8 40.6 61.0



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: 41.83 ng

RT: 10.20 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

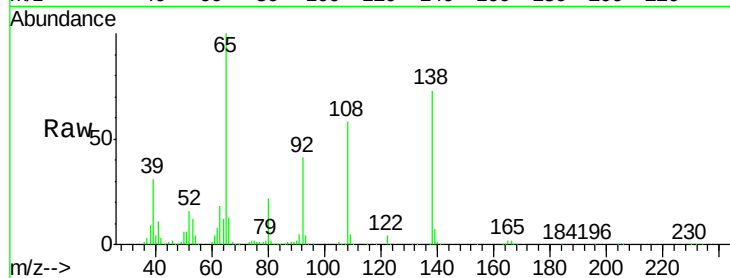
Tot Ion:138 Resp: 345259

Ion Ratio Lower Upper

138 100

92 55.5 26.9 66.9

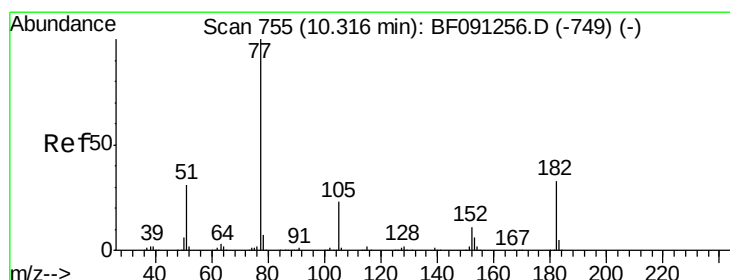
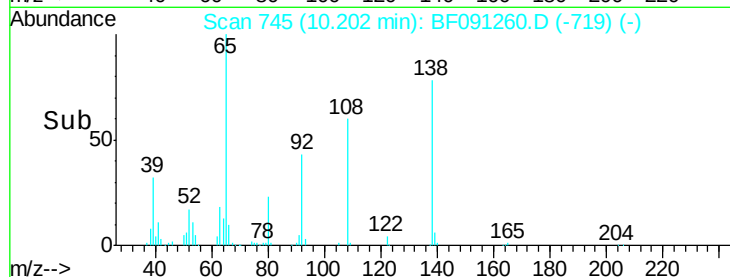
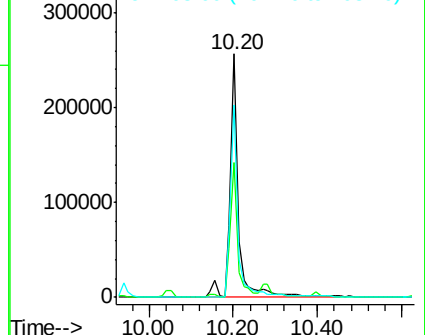
108 79.2 49.1 89.1



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: 40.86 ng

RT: 10.32 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Tgt Ion: 77 Resp: 1651182

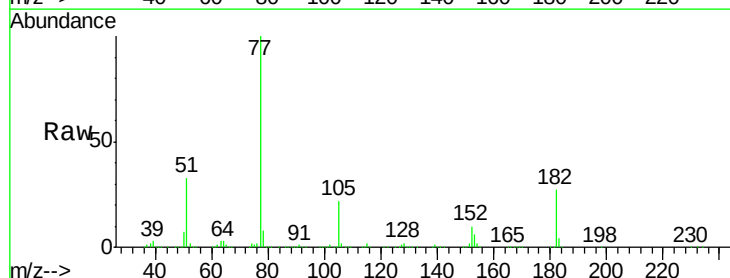
Ion Ratio Lower Upper

77 100

182 26.5 12.5 52.5

105 22.4 3.7 43.7

51 33.3 11.9 51.9

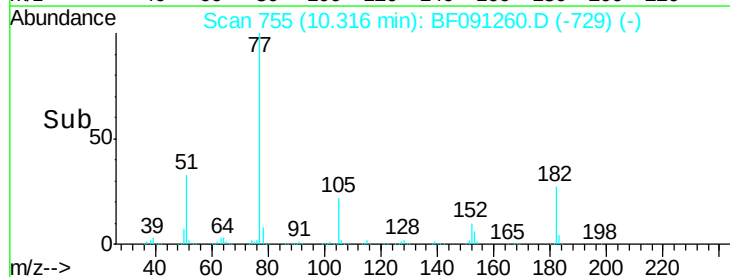
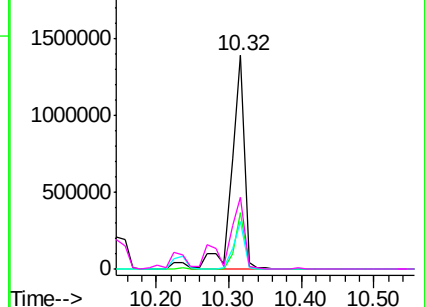


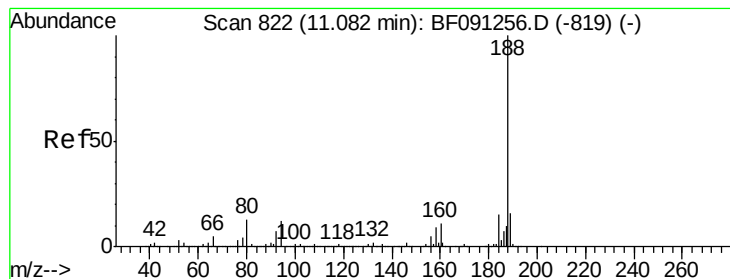
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.08 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

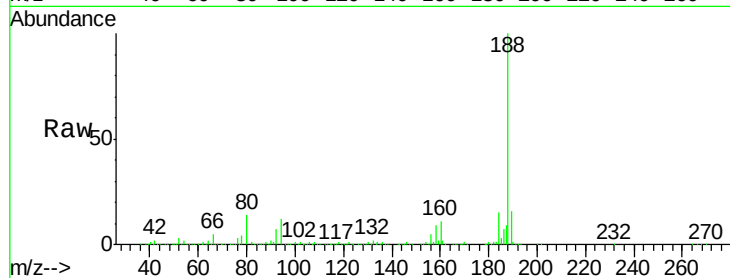
Tot Ion:188 Resp: 889047

Ion Ratio Lower Upper

188 100

94 12.1 9.2 13.8

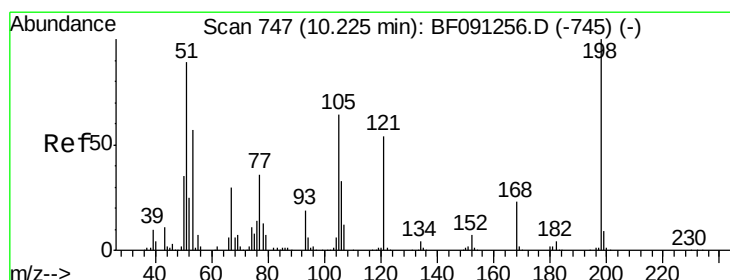
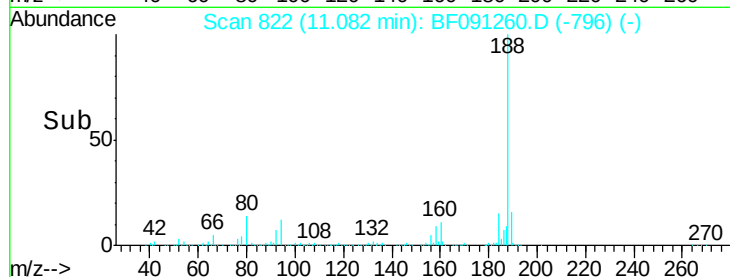
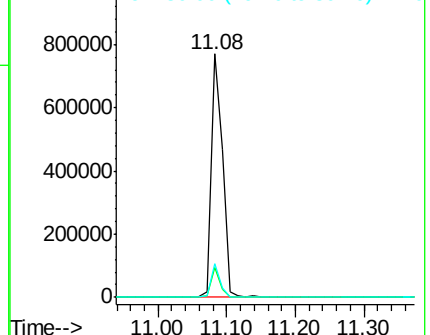
80 14.0 10.5 15.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.85 ng

RT: 10.24 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

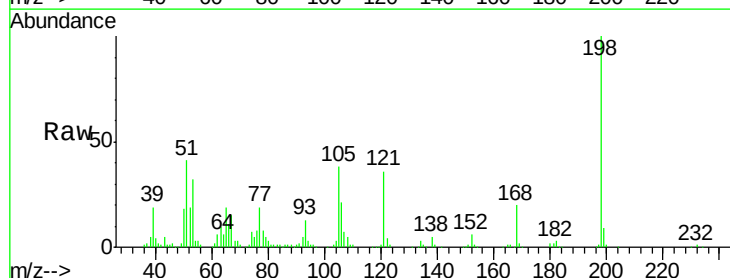
Tgt Ion:198 Resp: 243170

Ion Ratio Lower Upper

198 100

51 41.4 77.1 117.1#

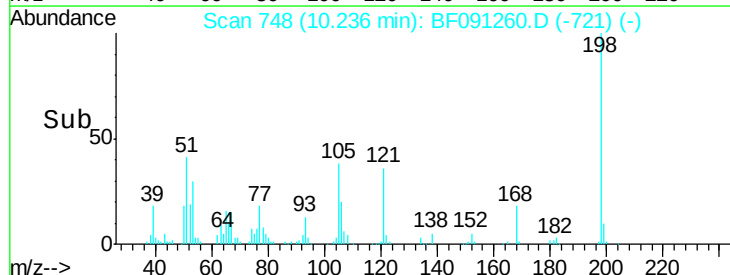
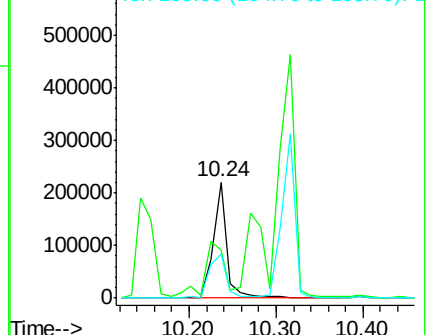
105 38.3 44.8 84.8#

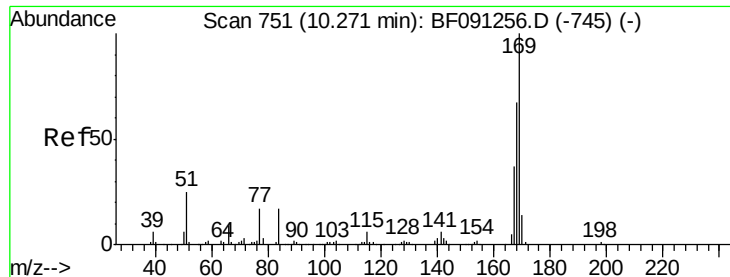


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.11 ng

RT: 10.28 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

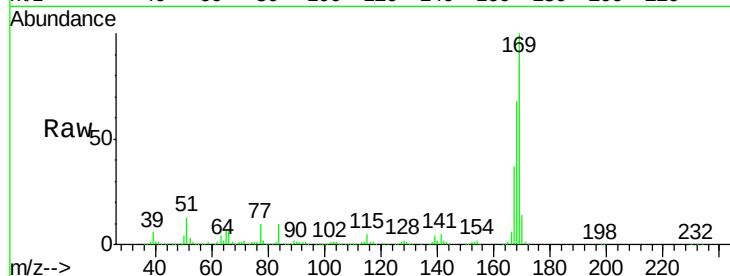
Tot Ion:169 Resp: 1154834

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.8

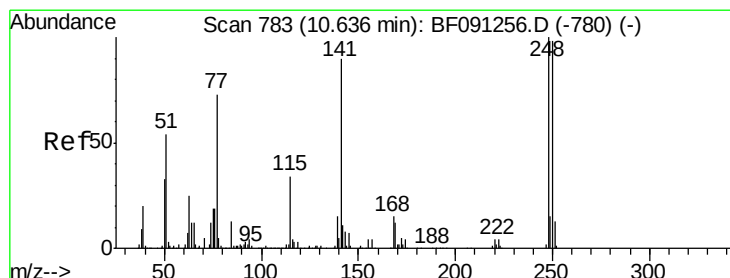
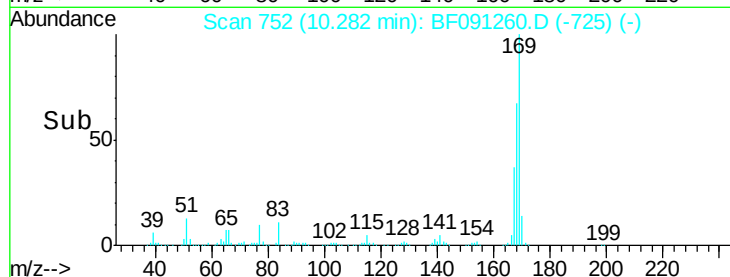
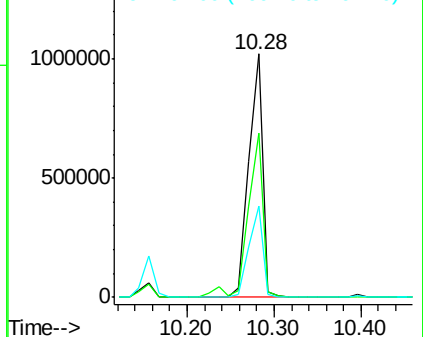
167 37.2 29.8 44.8



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: 39.67 ng

RT: 10.64 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

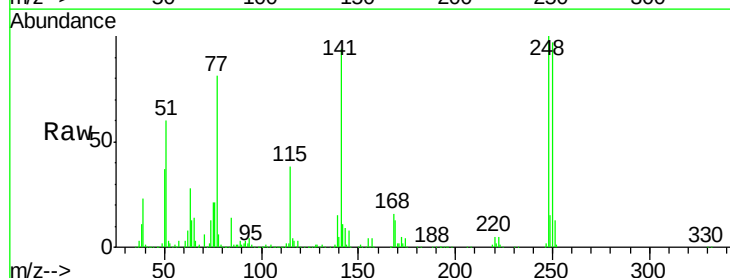
Tgt Ion:248 Resp: 368677

Ion Ratio Lower Upper

248 100

250 96.9 78.2 117.4

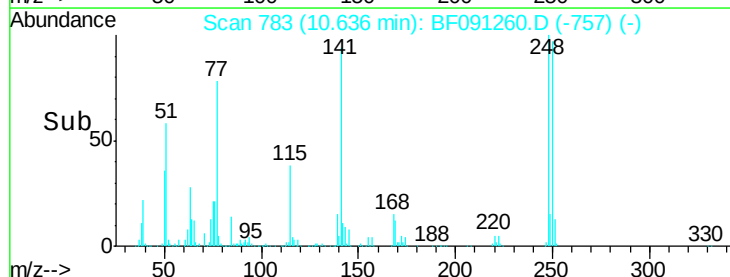
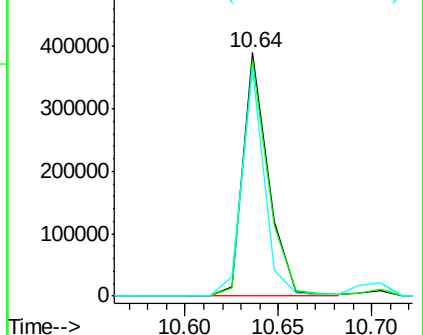
141 93.7 71.9 107.9

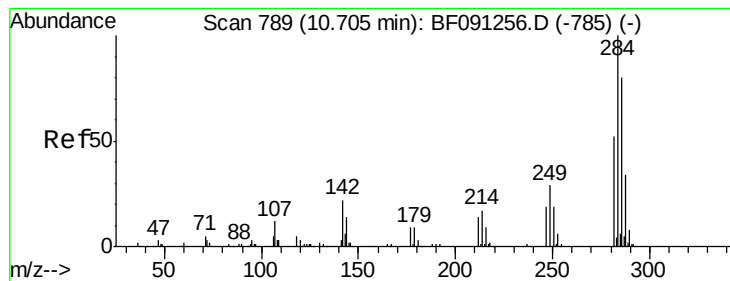


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.47 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

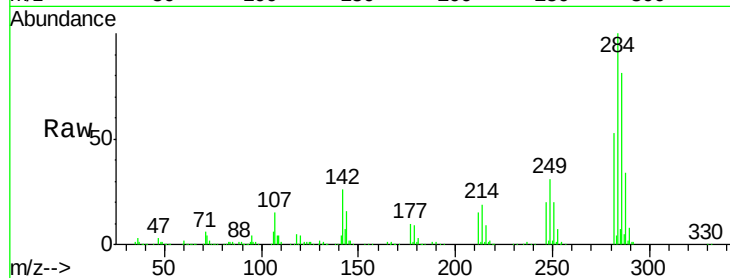
Tot Ion:284 Resp: 440757

Ion Ratio Lower Upper

284 100

142 26.4 17.9 26.9

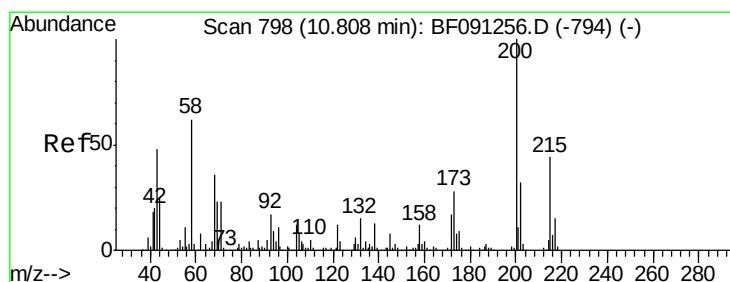
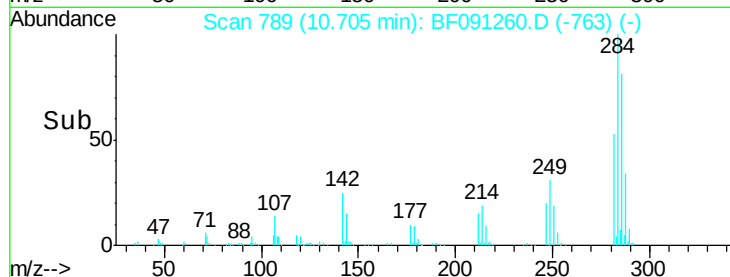
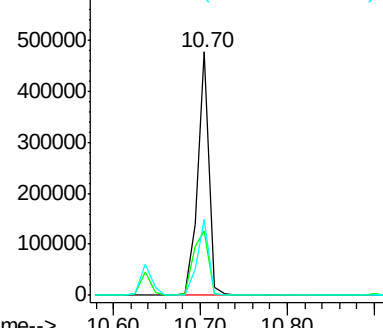
249 31.2 23.6 35.4



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: 31.08 ng

RT: 10.81 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

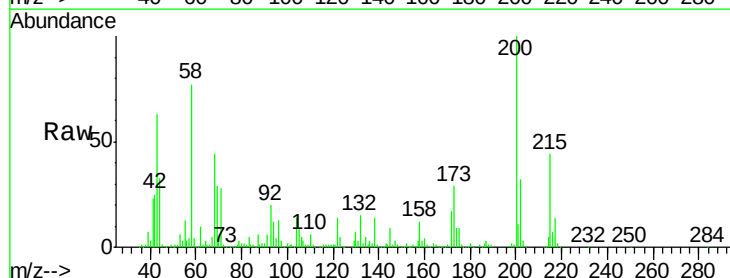
Tgt Ion:200 Resp: 264880

Ion Ratio Lower Upper

200 100

173 28.6 7.8 47.8

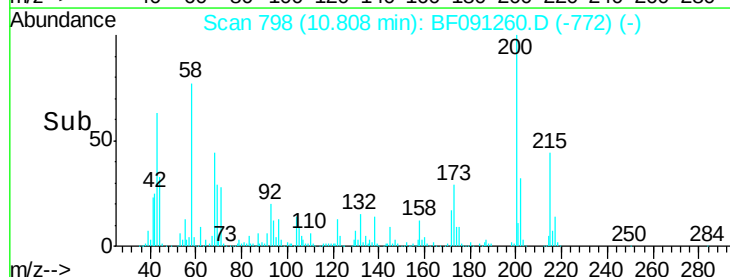
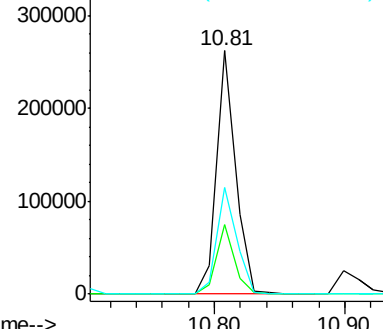
215 43.8 24.3 64.3

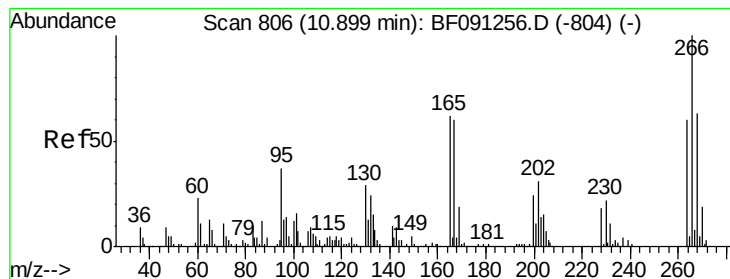


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 43.80 ng

RT: 10.90 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

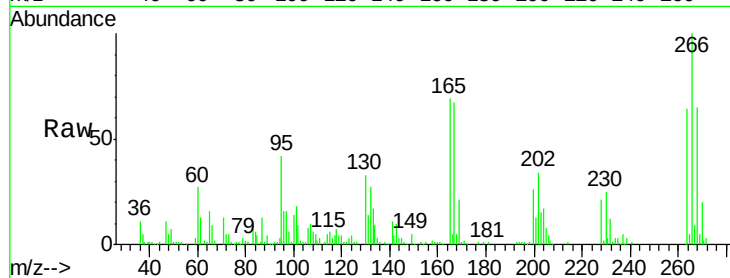
Tot Ion:266 Resp: 175864

Ion Ratio Lower Upper

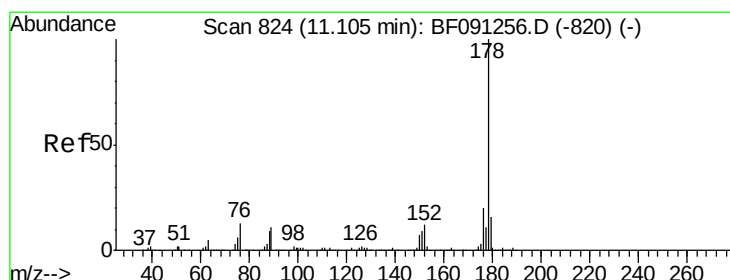
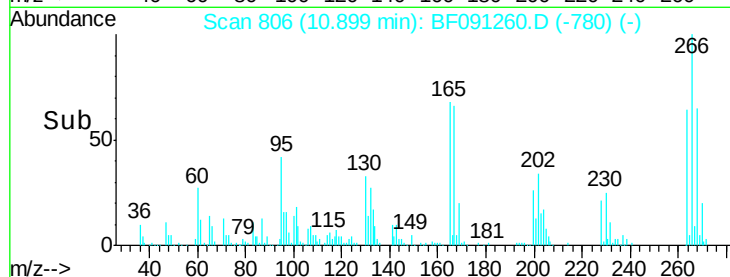
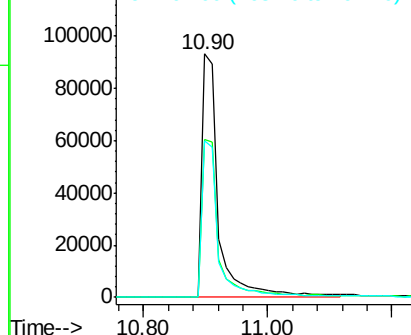
266 100

268 64.9 50.3 75.5

264 64.3 48.2 72.2



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: 39.74 ng

RT: 11.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

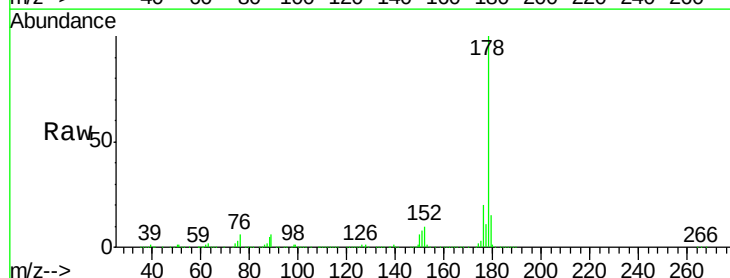
Tgt Ion:178 Resp: 1856999

Ion Ratio Lower Upper

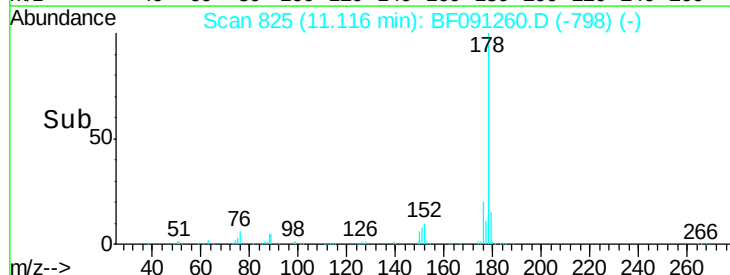
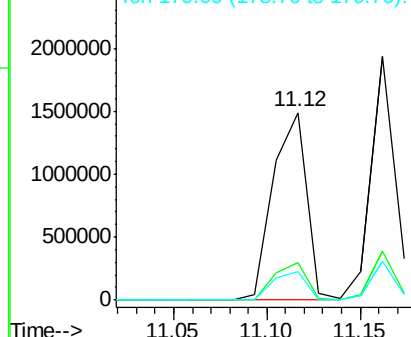
178 100

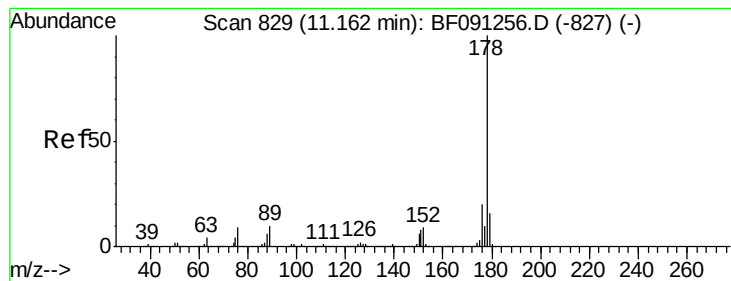
176 19.8 15.9 23.9

179 15.4 12.6 18.8



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





#71

Anthracene

Concen: 38.46 ng

RT: 11.16 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

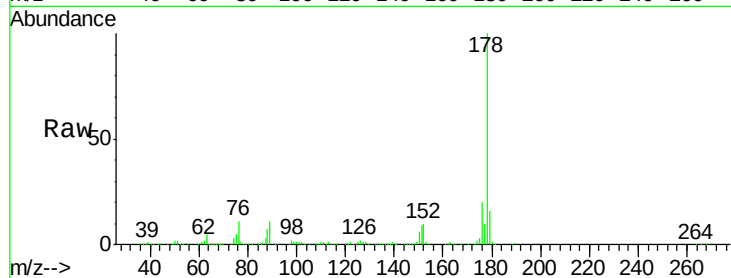
Tot Ion:178 Resp: 1790927

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

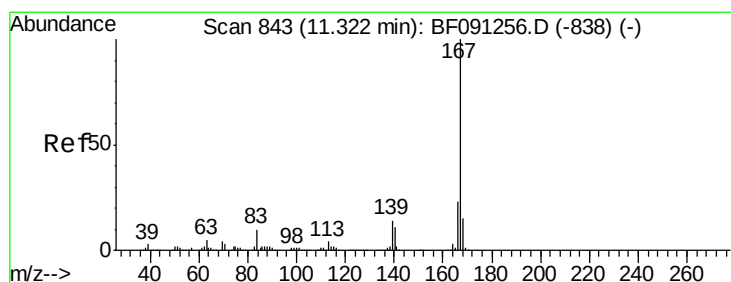
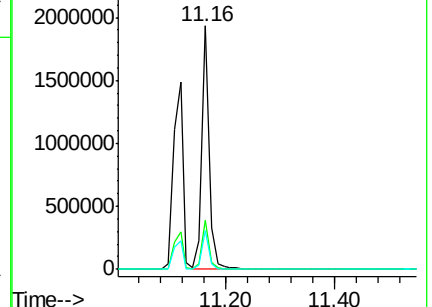
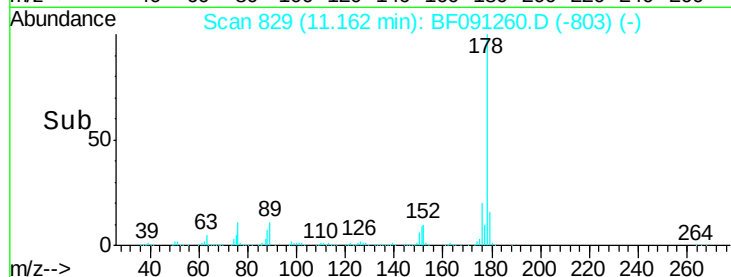
179 16.0 12.7 19.1



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: 37.34 ng

RT: 11.32 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

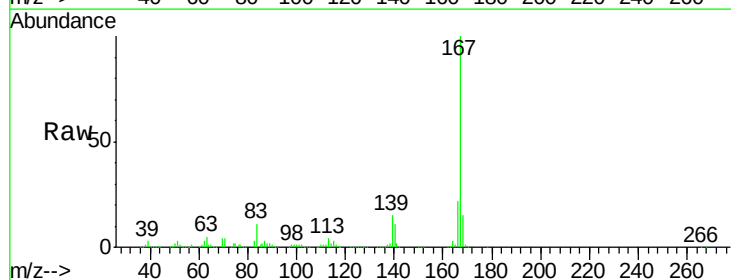
Tgt Ion:167 Resp: 1593029

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

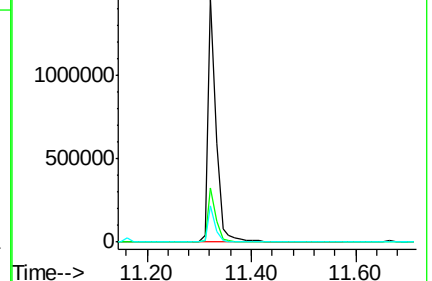
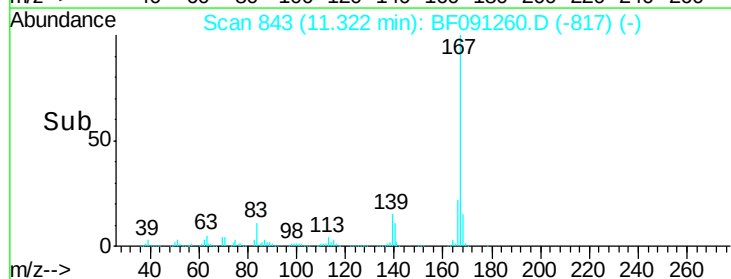
139 14.8 11.5 17.3

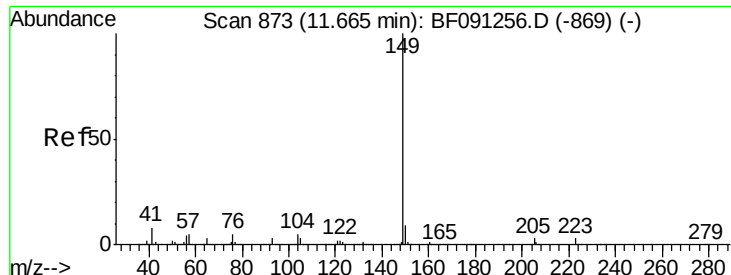


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.29 ng

RT: 11.66 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

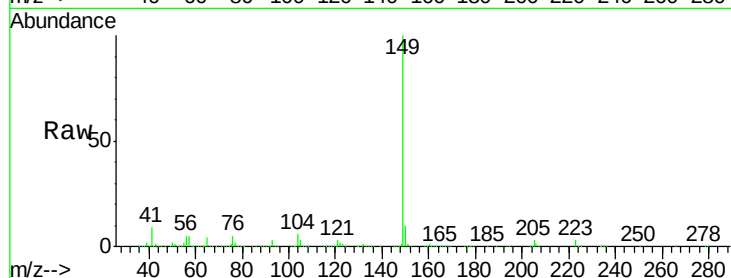
Tot Ion:149 Resp: 2096181

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

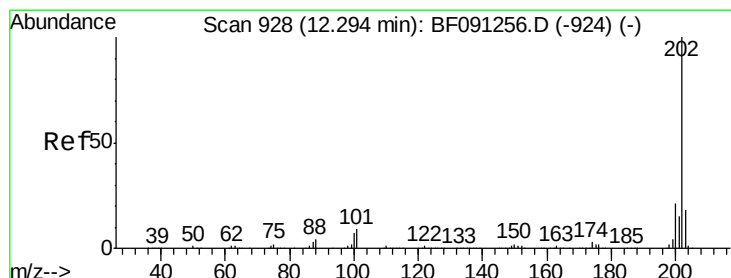
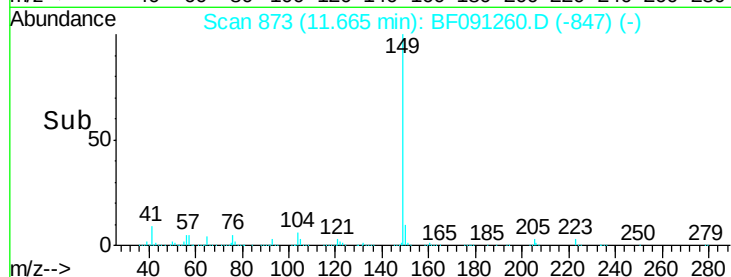
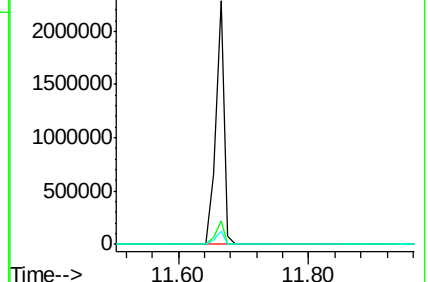
104 5.5 4.0 6.0



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: 38.72 ng

RT: 12.29 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

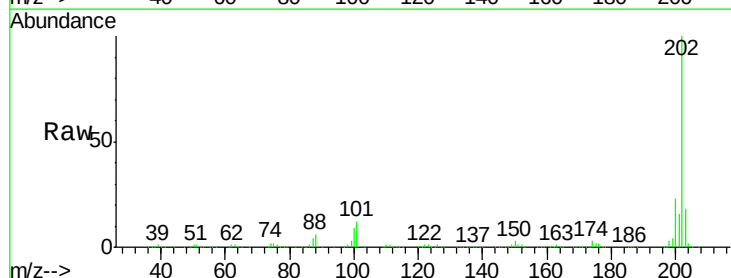
Tgt Ion:202 Resp: 1970345

Ion Ratio Lower Upper

202 100

101 12.3 0.0 29.5

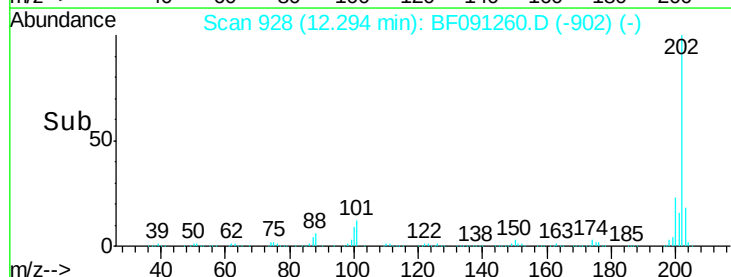
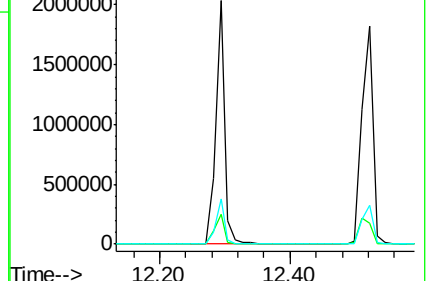
203 18.4 0.0 37.8

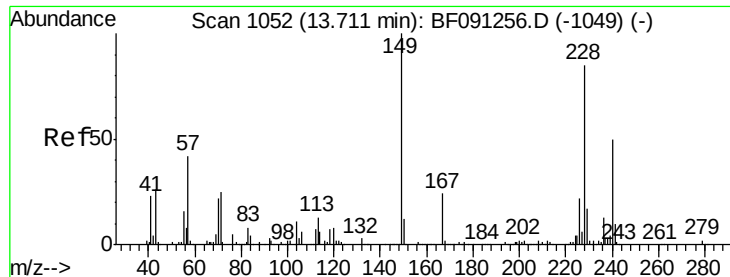


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.72 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

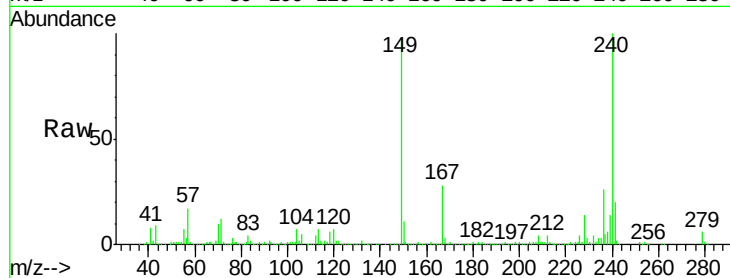
Tot Ion:240 Resp: 647577

Ion Ratio Lower Upper

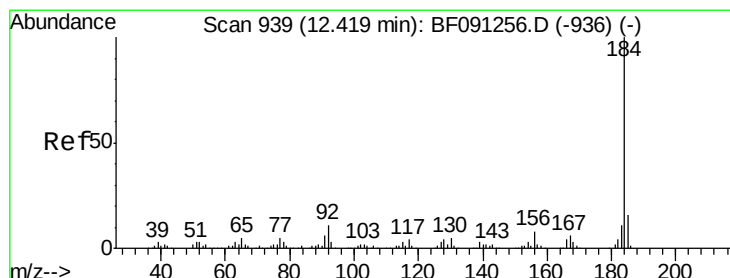
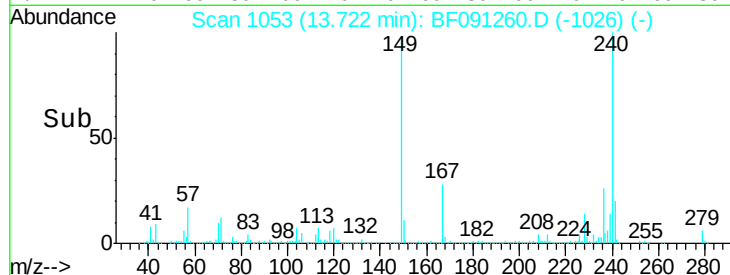
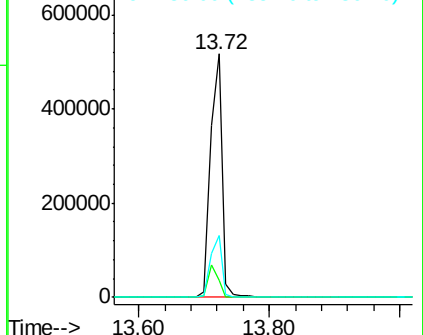
240 100

120 6.9 12.1 18.1#

236 25.5 21.0 31.6



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: 34.53 ng

RT: 12.42 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

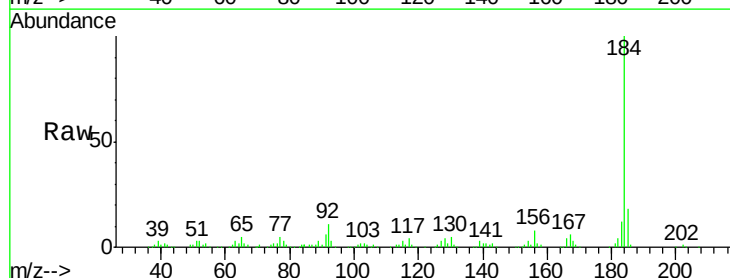
Tgt Ion:184 Resp: 502258

Ion Ratio Lower Upper

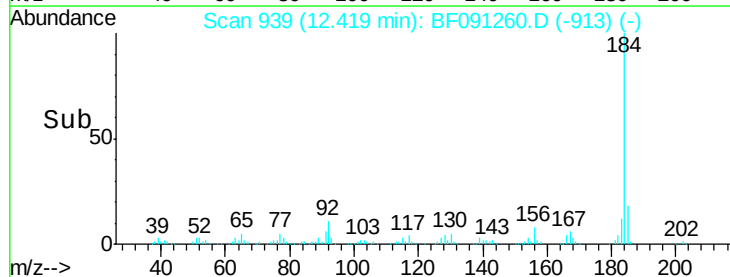
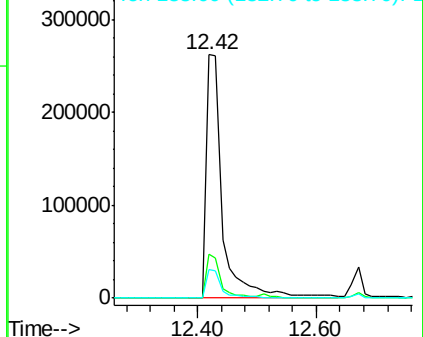
184 100

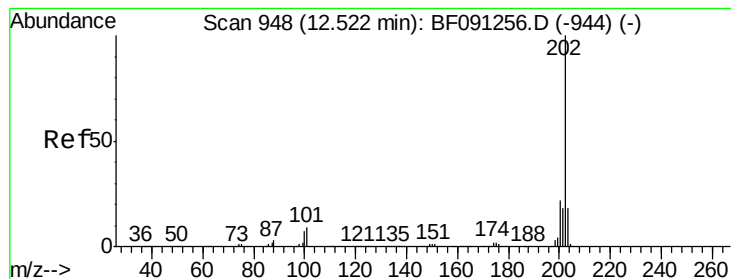
185 17.8 13.1 19.7

183 11.6 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.40 ng

RT: 12.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

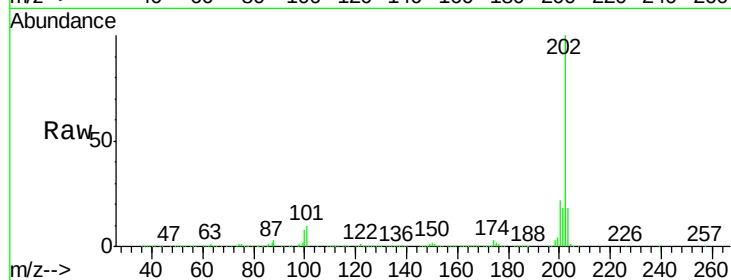
BNA_F

ClientSampleId :

ICVBF112116

Tot Ion:202 Resp: 2105912

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.8	14.0	21.0

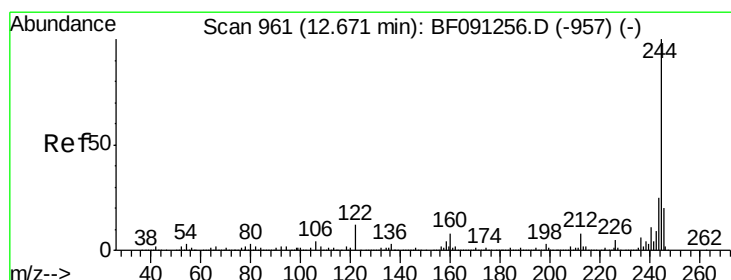
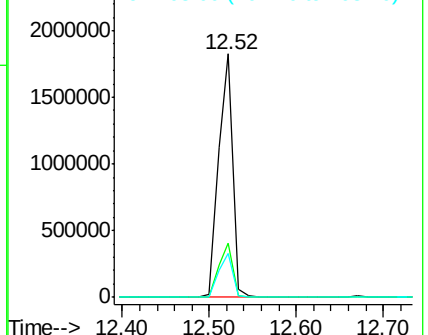
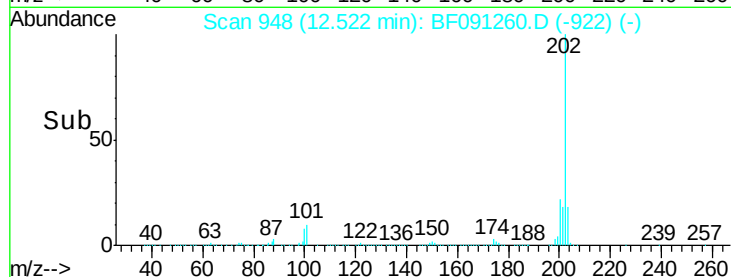


Abundance Ion 202.00 (201.70 to 202.70): E

2500000

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.55 ng

RT: 12.67 min Scan# 961

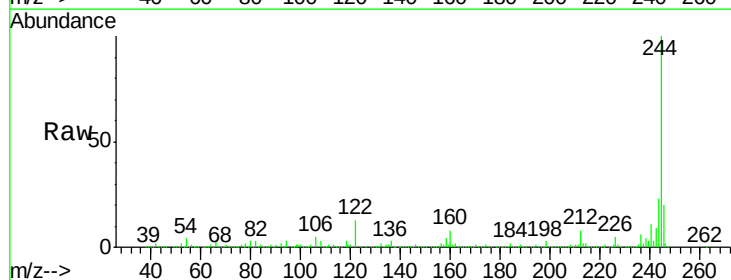
Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Tgt Ion:244 Resp: 2186864

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	13.4	9.5	14.3

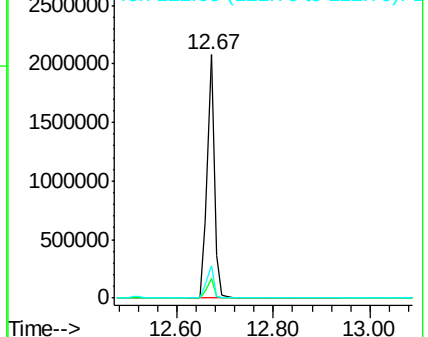
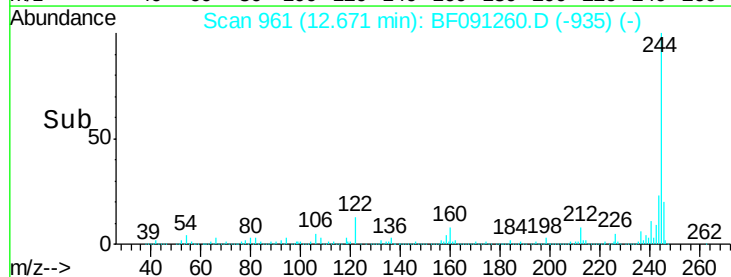


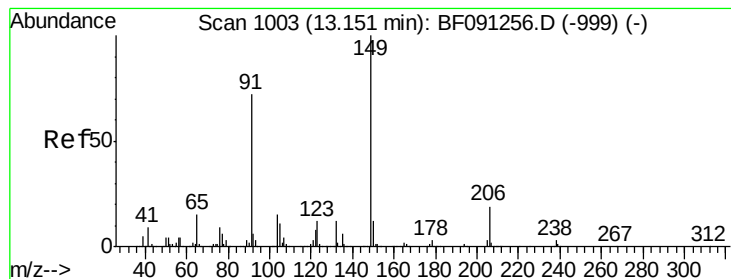
Abundance Ion 244.00 (243.70 to 244.70): E

2500000

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.10 ng

RT: 13.15 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

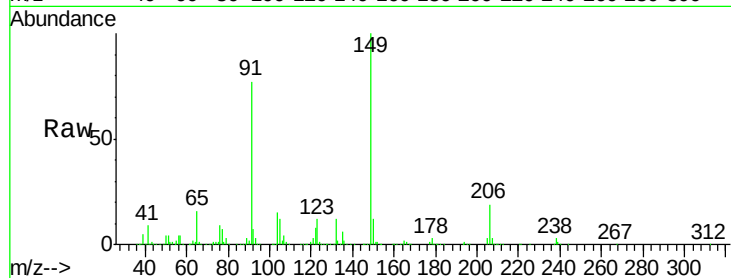
Tot Ion:149 Resp: 919485

Ion Ratio Lower Upper

149 100

91 77.1 57.4 86.2

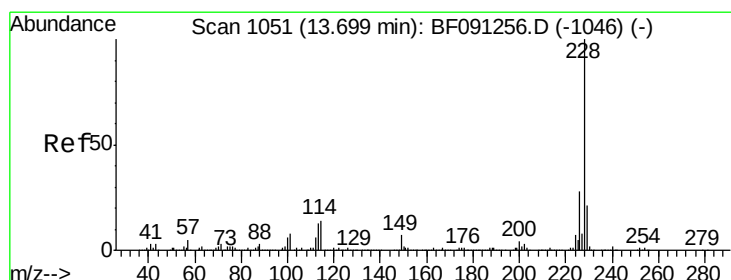
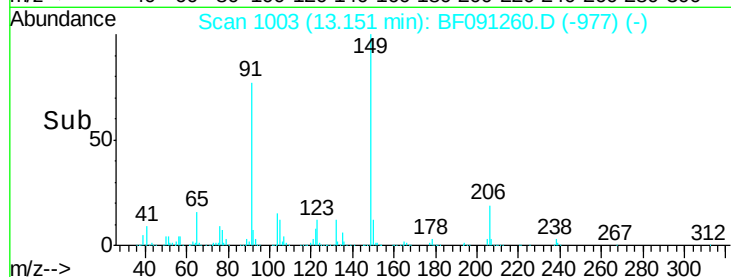
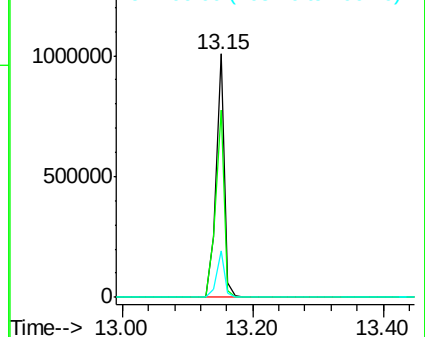
206 19.2 15.4 23.2



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: 41.10 ng

RT: 13.71 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

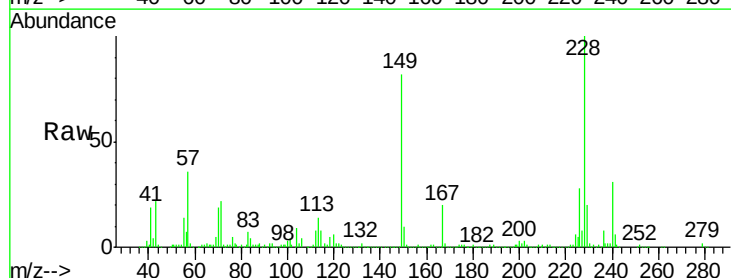
Tgt Ion:228 Resp: 1612480

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

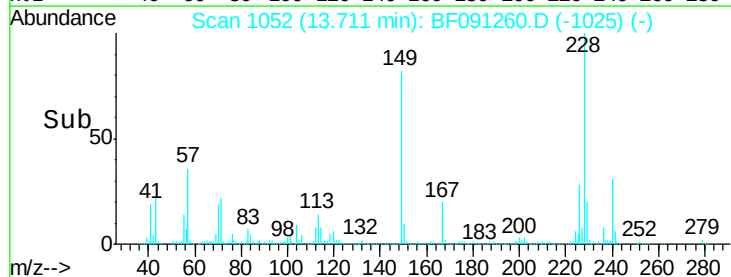
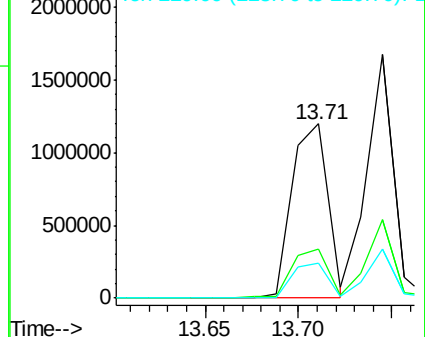
229 20.0 16.4 24.6

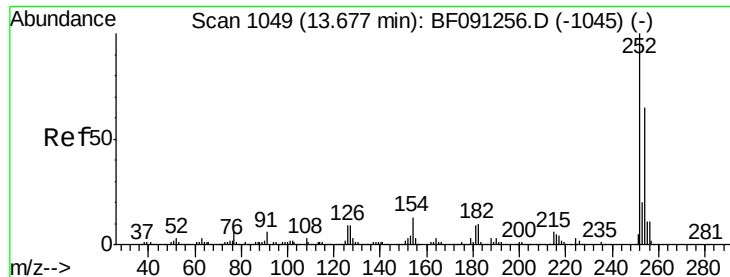


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

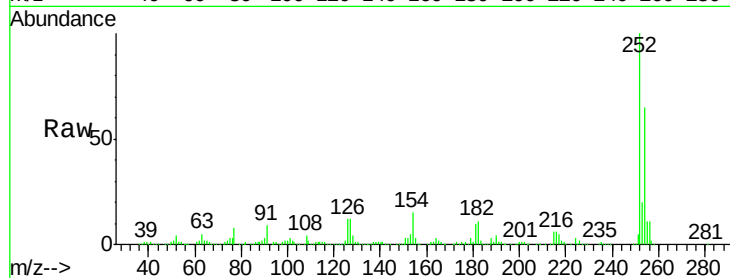




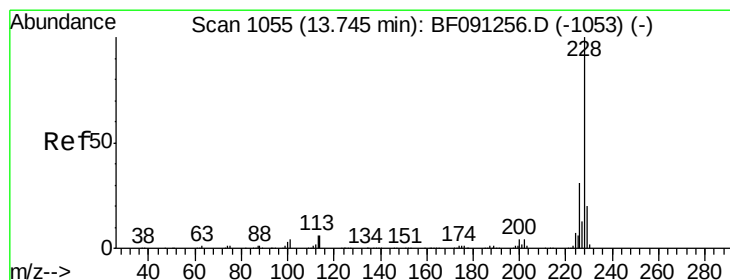
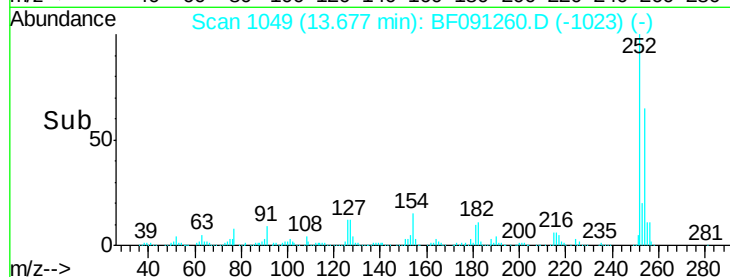
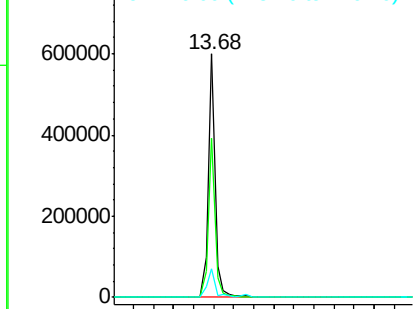
#81
 3,3'-Dichlorobenzidine
 Concen: 41.78 ng
 RT: 13.68 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

Tot Ion:252 Resp: 568073
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.1 78.1
 126 11.6 7.5 11.3#

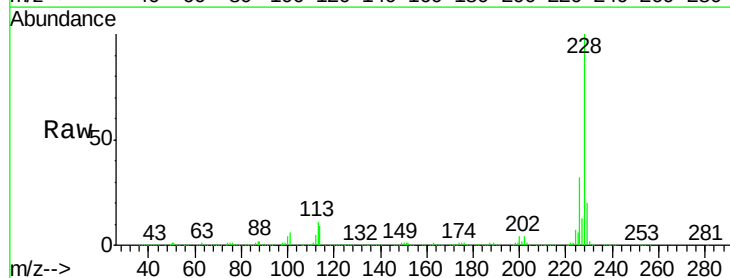


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

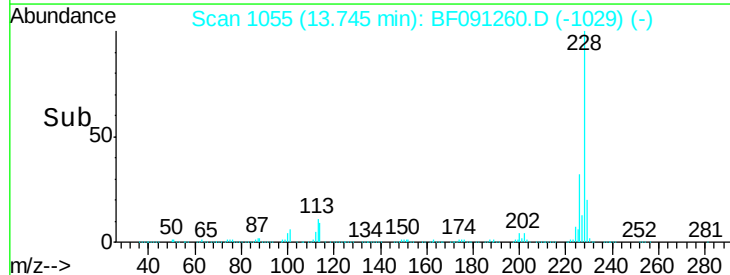
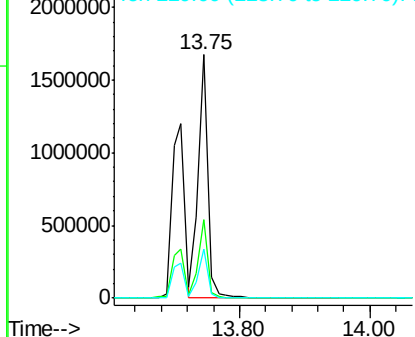


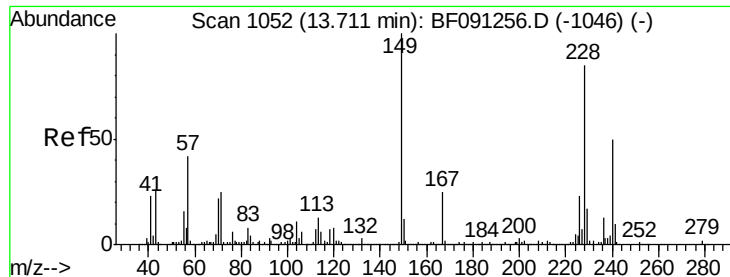
#82
 Chrysene
 Concen: 41.87 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Tgt Ion:228 Resp: 1688604
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.0 37.4
 229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

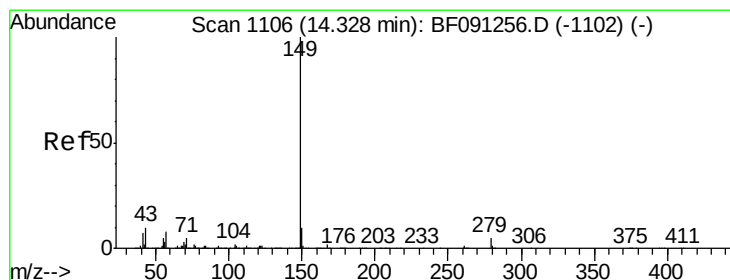
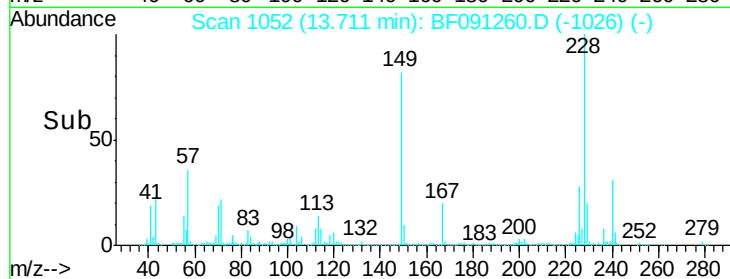
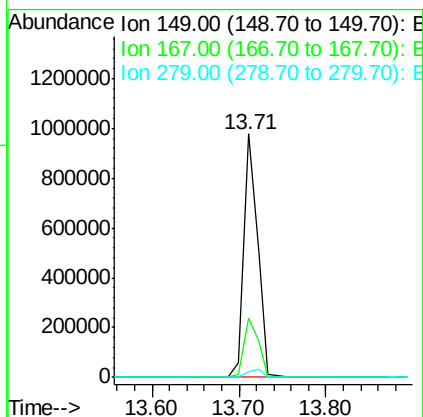
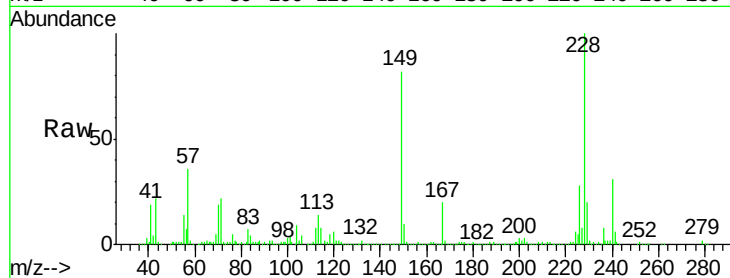




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.85 ng
 RT: 13.71 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

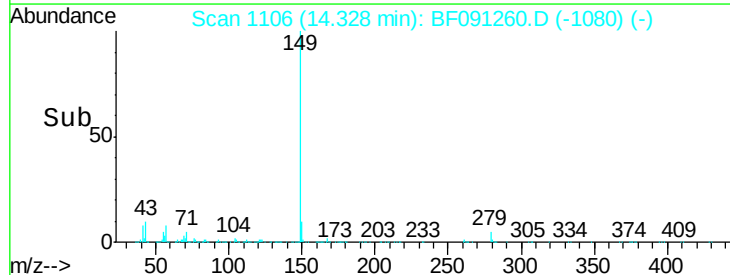
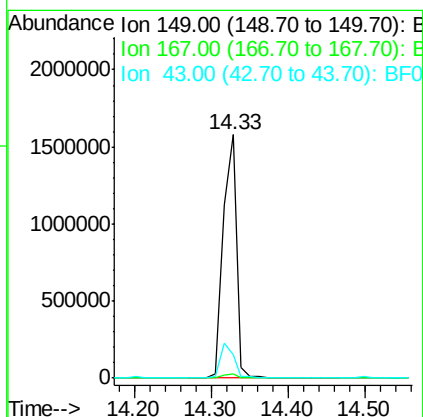
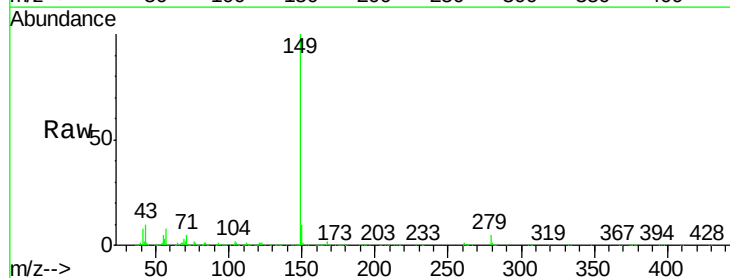
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

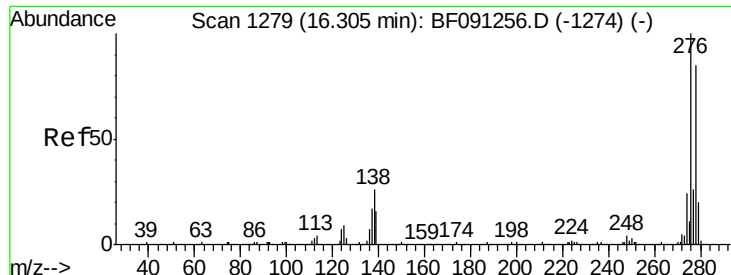
Tot Ion:149 Resp: 1079703
 Ion Ratio Lower Upper
 149 100
 167 24.5 19.6 29.4
 279 2.3 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 42.03 ng
 RT: 14.33 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Tgt Ion:149 Resp: 1945238
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 14.4 11.9 17.9

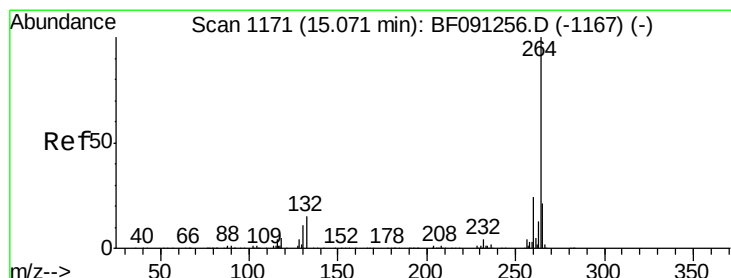
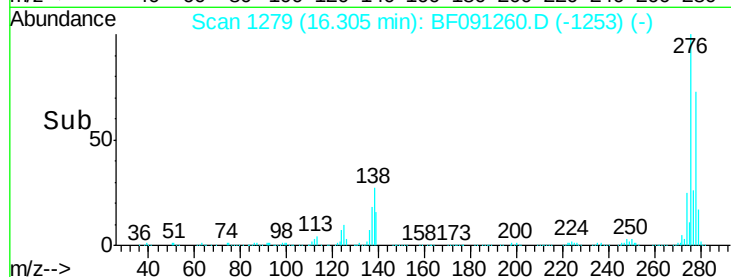
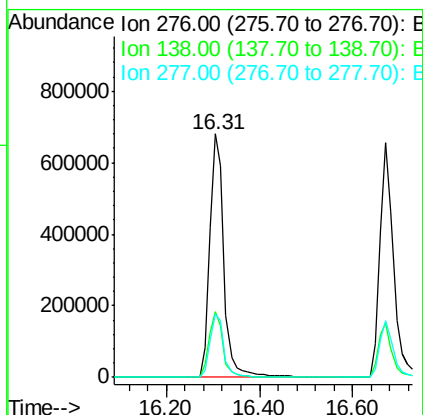
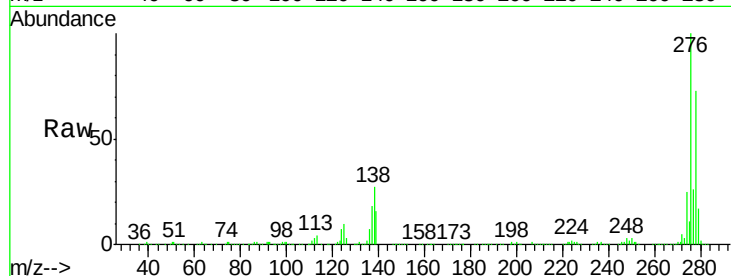




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.52 ng
RT: 16.31 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

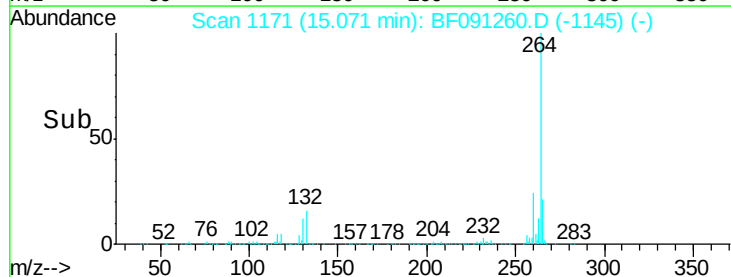
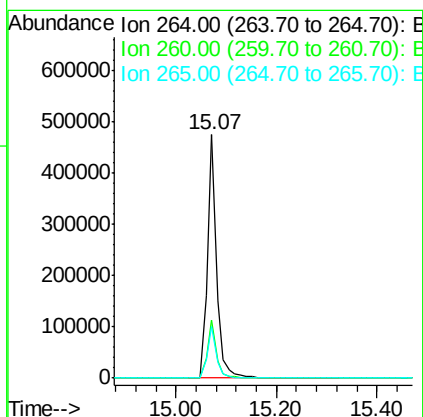
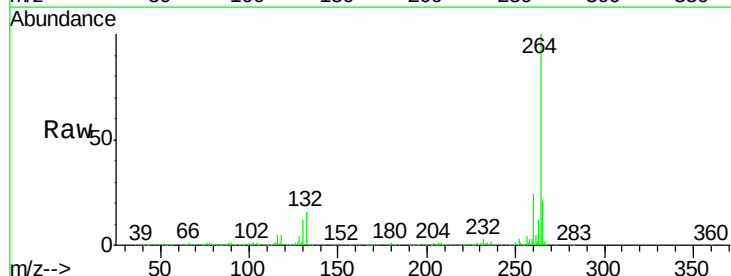
Instrument :
BNA_F
ClientSampleId :
ICVBF112116

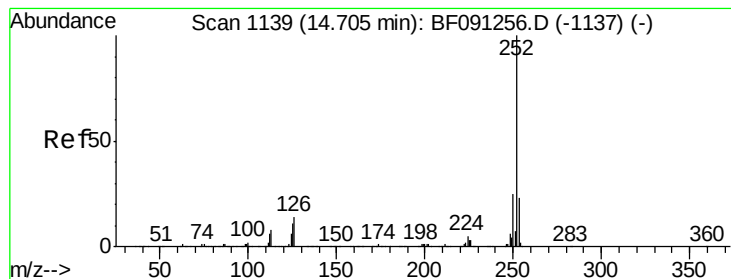
Tot Ion:276 Resp: 1459849
Ion Ratio Lower Upper
276 100
138 27.1 21.0 31.4
277 25.7 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion:264 Resp: 597843
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.0 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 35.99 ng m

RT: 14.71 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

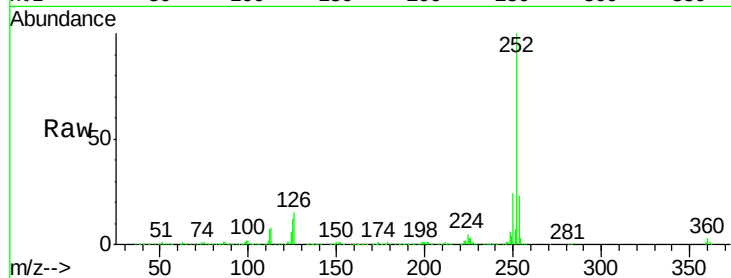
Tot Ion:252 Resp: 1293134

Ion Ratio Lower Upper

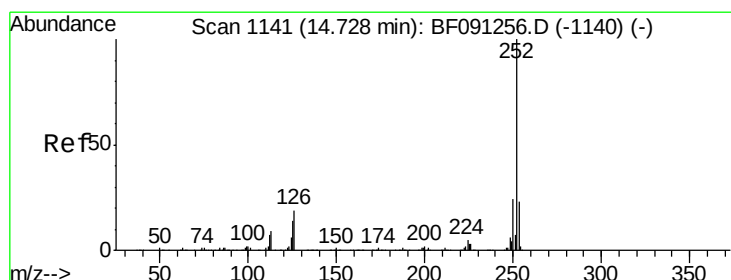
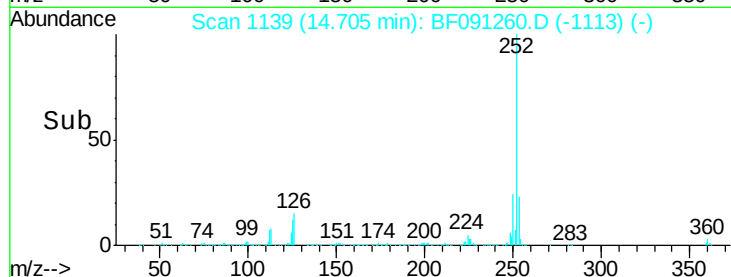
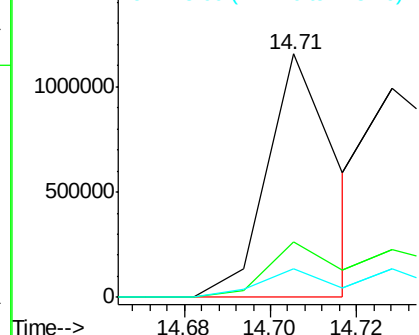
252 100

253 22.7 18.2 27.2

125 11.5 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



#88

Benzo(k)fluoranthene

Concen: 36.70 ng m

RT: 14.73 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

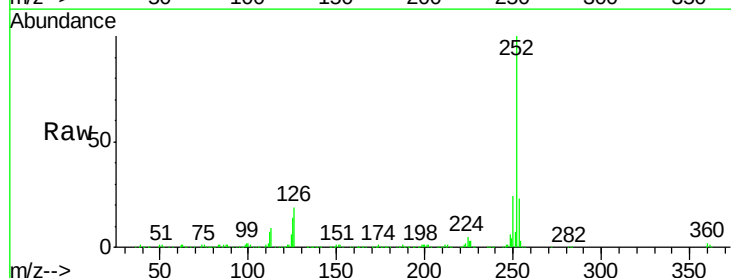
Tgt Ion:252 Resp: 1332098

Ion Ratio Lower Upper

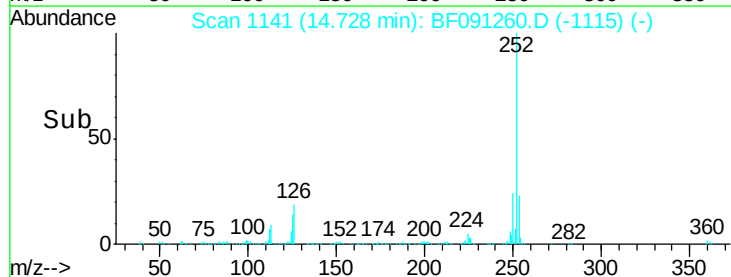
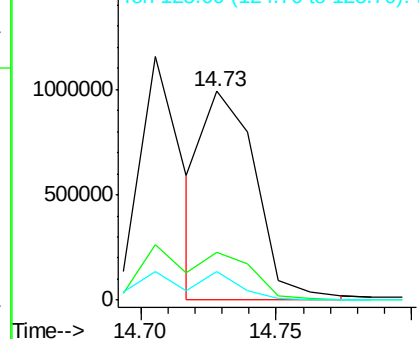
252 100

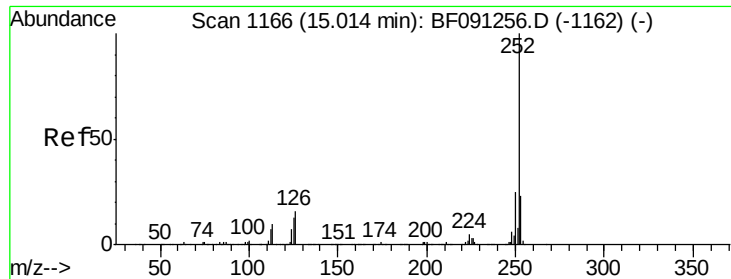
253 22.7 17.8 26.8

125 13.5 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

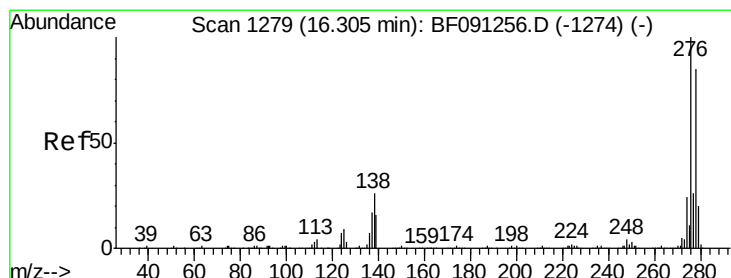
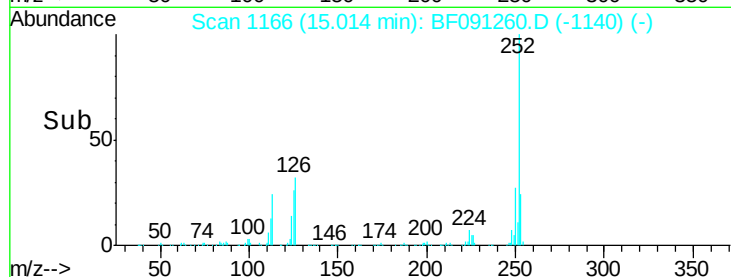
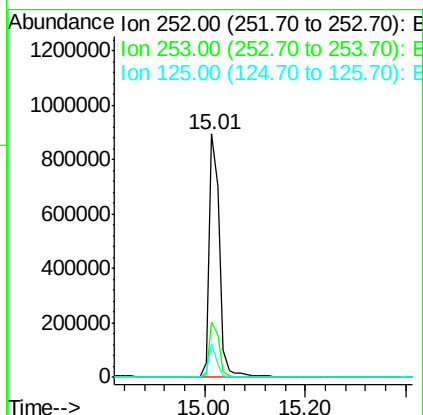
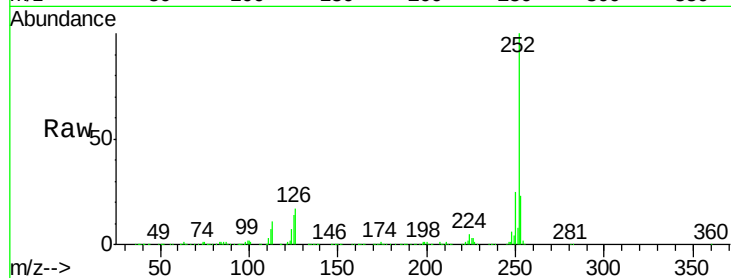




#89
Benzo(a)pyrene
Concen: 38.21 ng
RT: 15.01 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

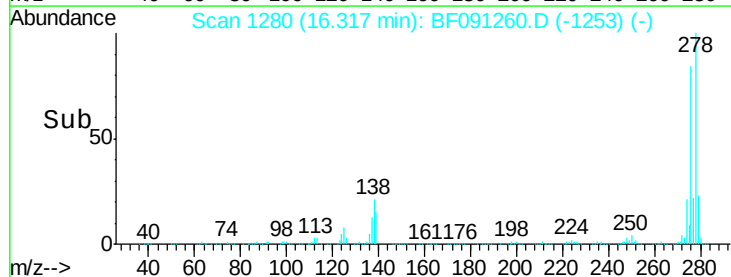
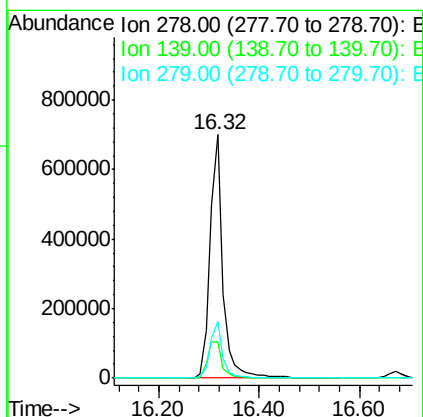
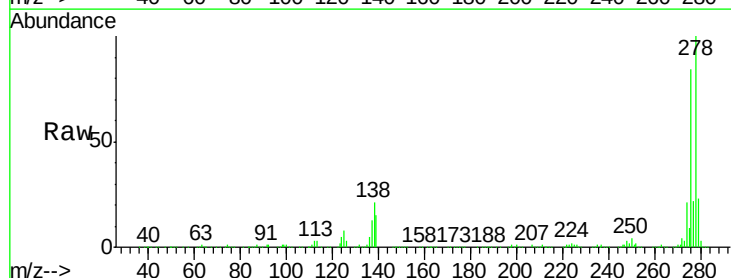
Instrument :
BNA_F
ClientSampleId :
ICVBF112116

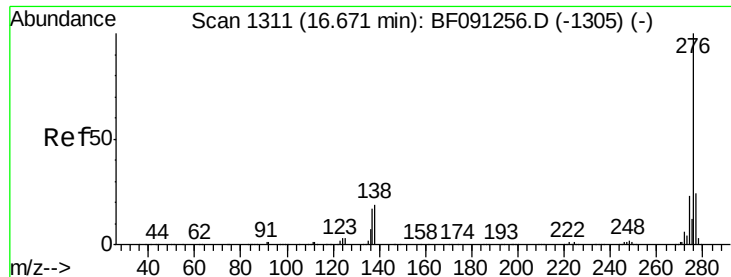
Tot Ion:252 Resp: 1259021
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 13.9 10.4 15.6



#90
Dibenzo(a,h)anthracene
Concen: 45.84 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Tgt Ion:278 Resp: 1244578
Ion Ratio Lower Upper
278 100
139 14.7 15.1 22.7#
279 23.5 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 47.84 ng m

RT: 16.67 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

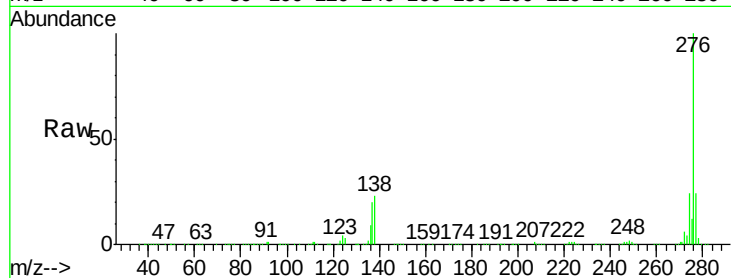
Tot Ion: 276 Resp: 1327525

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 23.3 15.4 23.0#



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

