

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 00:10:21 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 00:03:53 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	81.19	ng	0.00
7) Phenol-d6	6.24	99	1442875	71.01	ng	0.00
23) Nitrobenzene-d5	7.15	82	1441524	78.02	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	387135	81.37	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	2474765	80.55	ng	0.00
78) Terphenyl-d14	12.67	244	2186864	83.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	272324	32.07	ng	98
3) Pyridine	2.60	79	831751	41.09	ng	98
4) n-Nitrosodimethylamine	2.58	42	420294	50.17	ng	95
6) Aniline	6.24	93	916897	38.42	ng	96
8) 2-Chlorophenol	6.36	128	678512	38.00	ng	96
9) Benzaldehyde	6.11	77	426533	38.71	ng	98
10) Phenol	6.25	94	854588	37.42	ng	87
11) bis(2-Chloroethyl)ether	6.32	93	687733	36.36	ng	100
12) 1,3-Dichlorobenzene	6.51	146	776575	42.49	ng	98
13) 1,4-Dichlorobenzene	6.59	146	780968	39.79	ng	99
14) 1,2-Dichlorobenzene	6.74	146	633287	35.67	ng	98
15) Benzyl Alcohol	6.74	79	646302	44.26	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1205096	42.66	ng	80
17) 2-Methylphenol	7.02	107	728215	49.46	ng	# 88
18) Hexachloroethane	7.08	117	292225	38.88	ng	96
19) n-Nitroso-di-n-propylamine	7.01	70	570195	40.60	ng	# 85
20) 3+4-Methylphenols	7.02	107	728215	42.53	ng	88
22) Acetophenone	7.00	105	972178	42.06	ng	# 93
24) Nitrobenzene	7.17	77	915986	46.01	ng	# 88
25) Isophorone	7.41	82	1355524	38.39	ng	98
26) 2-Nitrophenol	7.48	139	361838	41.84	ng	94
27) 2,4-Dimethylphenol	7.54	122	539339	38.54	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	803237	42.13	ng	99
29) 2,4-Dichlorophenol	7.73	162	565144	44.74	ng	96
30) 1,2,4-Trichlorobenzene	7.81	180	625148	44.70	ng	94
31) Naphthalene	7.88	128	1826150	38.43	ng	99
32) Benzoic acid	7.72	122	401020	41.21	ng	97
33) 4-Chloroaniline	7.95	127	812258	41.04	ng	99
34) Hexachlorobutadiene	8.01	225	379844	49.27	ng	99
35) Caprolactam	8.34	113	155034	40.09	ng	# 88
36) 4-Chloro-3-methylphenol	8.44	107	603027	40.56	ng	96
37) 2-Methylnaphthalene	8.58	142	1291335	41.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	565175	42.68	ng	99
40) Hexachlorocyclopentadiene	8.73	237	185234	43.80	ng	98

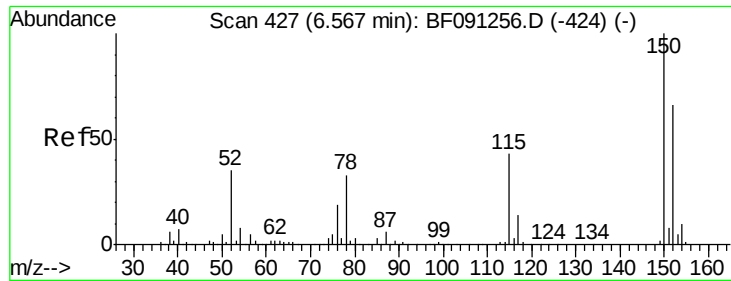
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	379209	44.14	ng	99
43) 2,4,5-Trichlorophenol	8.91	196	391491	43.55	ng	96
45) 1,1'-Biphenyl	9.04	154	1480402	39.11	ng	99
46) 2-Chloronaphthalene	9.06	162	1103706	38.34	ng	98
47) 2-Nitroaniline	9.17	65	508929	47.77	ng	88
48) Acenaphthylene	9.47	152	1732634	38.44	ng	99
49) Dimethylphthalate	9.36	163	1396497	40.48	ng	99
50) 2,6-Dinitrotoluene	9.41	165	285219	38.30	ng	# 85
51) Acenaphthene	9.64	154	1036053	36.41	ng	99
52) 3-Nitroaniline	9.58	138	337129	38.77	ng	90
53) 2,4-Dinitrophenol	9.70	184	212622	60.00	ng	98
54) Dibenzofuran	9.81	168	1434266	37.45	ng	97
55) 4-Nitrophenol	9.81	139	816369	180.71	ng	# 3
56) 2,4-Dinitrotoluene	9.82	165	422932	46.31	ng	91
57) Fluorene	10.16	166	1191131	38.13	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	327026	46.21	ng	99
59) Diethylphthalate	10.05	149	1406772	40.83	ng	# 94
60) 4-Chlorophenyl-phenylether	10.16	204	606603	43.35	ng	97
61) 4-Nitroaniline	10.20	138	345259	39.57	ng	87
62) Azobenzene	10.32	77	1651182	40.28	ng	94
64) 4,6-Dinitro-2-methylphenol	10.24	198	243170	44.40	ng	# 53
65) n-Nitrosodiphenylamine	10.28	169	1154834	41.06	ng	100
66) 4-Bromophenyl-phenylether	10.64	248	368677	39.52	ng	98
67) Hexachlorobenzene	10.70	284	440757	43.45	ng	95
68) Atrazine	10.81	200	264880	33.77	ng	99
69) Pentachlorophenol	10.90	266	175864	39.59	ng	96
70) Phenanthrene	11.12	178	1856999	40.23	ng	100
71) Anthracene	11.16	178	1790927	35.66	ng	100
72) Carbazole	11.32	167	1593029	35.32	ng	99
73) Di-n-butylphthalate	11.66	149	2096181	37.58	ng	99
74) Fluoranthene	12.29	202	1970345	39.62	ng	96
76) Benzidine	12.42	184	502258	34.56	ng	98
77) Pyrene	12.52	202	2105912	48.16	ng	99
79) Butylbenzylphthalate	13.15	149	919485	44.80	ng	95
80) Benzo(a)anthracene	13.71	228	1612480	43.74	ng	100
81) 3,3'-Dichlorobenzidine	13.68	252	568073	43.33	ng	# 99
82) Chrysene	13.75	228	1688604	46.03	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	1079703	39.77	ng	100
84) Di-n-octyl phthalate	14.33	149	1945238	43.48	ng	99
85) Indeno(1,2,3-cd)pyrene	16.31	276	1459849	48.28	ng	99
87) Benzo(b)fluoranthene	14.71	252	2680919	68.99	ng	99
88) Benzo(k)fluoranthene	14.71	252	2681857	76.15	ng	99
89) Benzo(a)pyrene	15.01	252	1259021	36.64	ng	99
90) Dibenzo(a,h)anthracene	16.32	278	1244578	41.77	ng	# 96
91) Benzo(g,h,i)perylene	16.67	276	1347355	49.18	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.00 min

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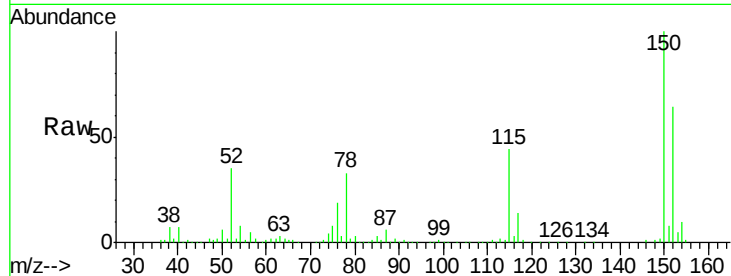
Tgt Ion:152 Resp: 253316

Ion Ratio Lower Upper

152 100

150 155.4 122.5 183.7

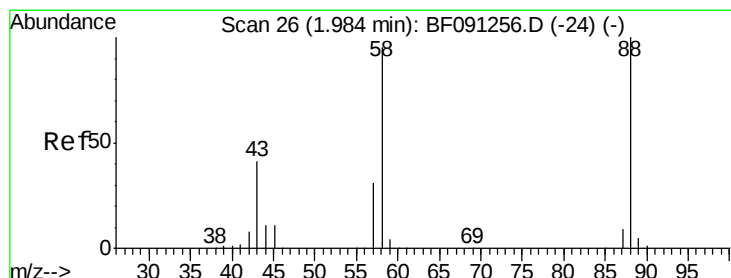
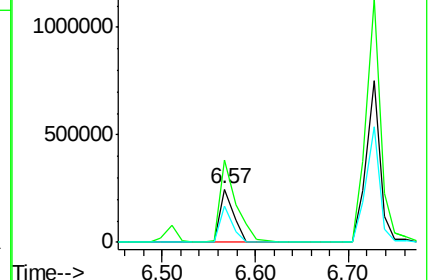
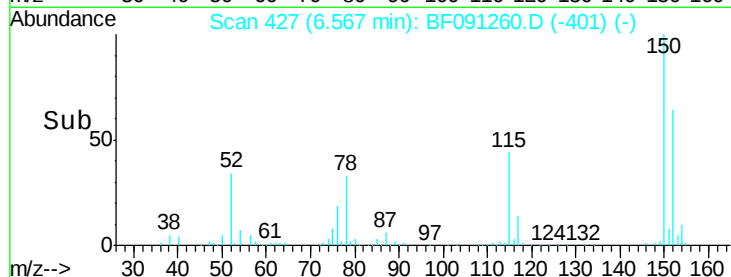
115 67.9 51.8 77.8



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: 32.07 ng

RT: 1.98 min Scan# 26

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

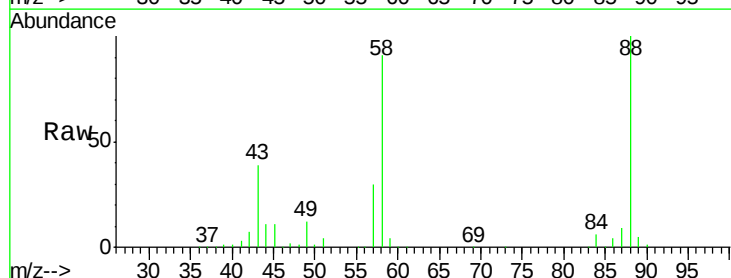
Tgt Ion: 88 Resp: 272324

Ion Ratio Lower Upper

88 100

58 90.6 70.3 105.5

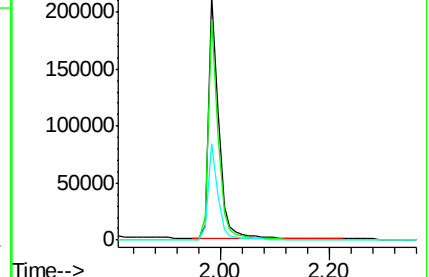
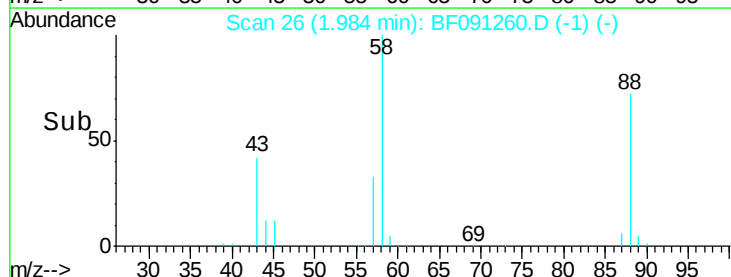
43 39.9 31.3 46.9

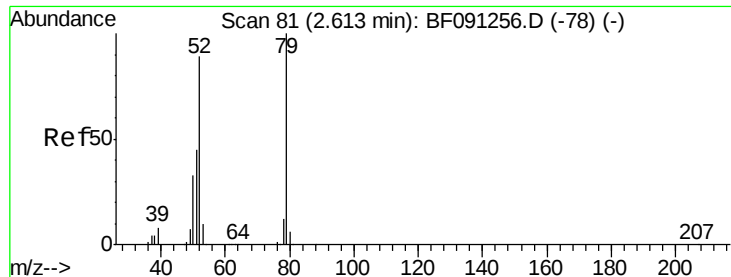


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.09 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

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ICVBF112116

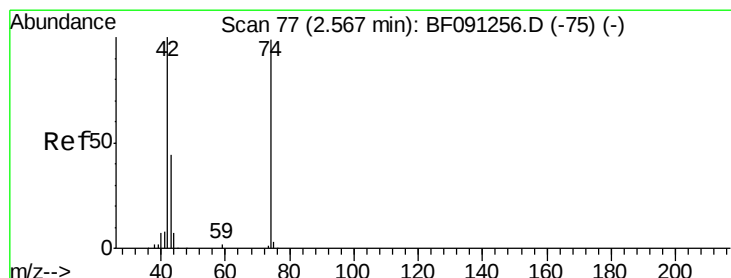
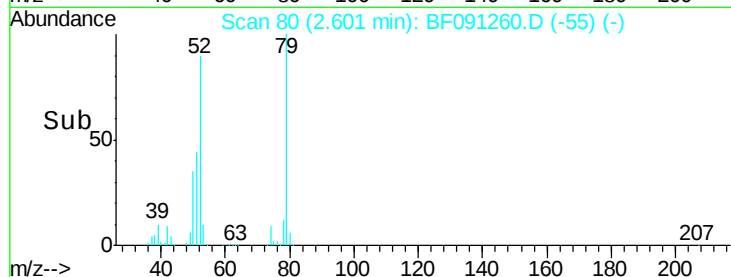
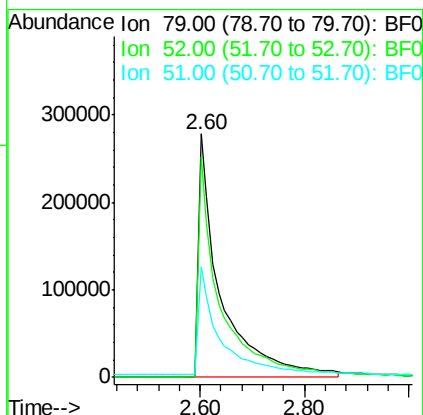
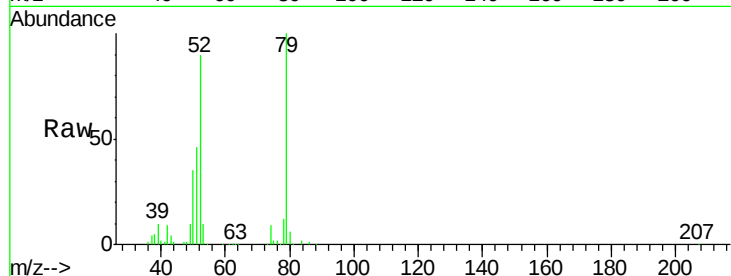
Tgt Ion: 79 Resp: 831751

Ion Ratio Lower Upper

79 100

52 90.4 71.0 106.4

51 45.6 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 50.17 ng

RT: 2.58 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

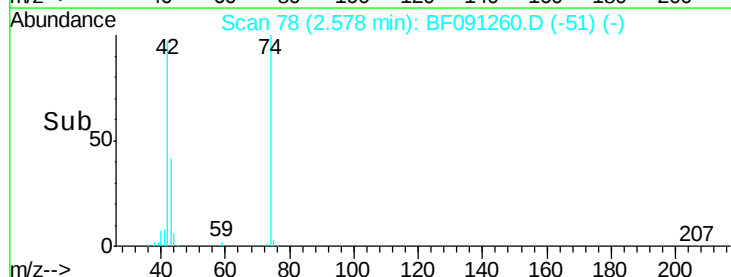
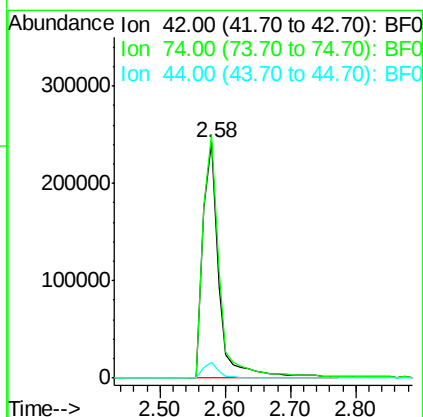
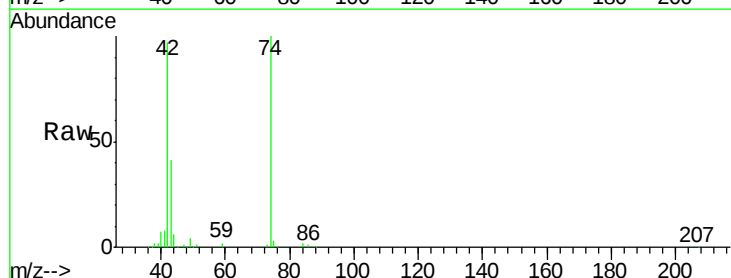
Tgt Ion: 42 Resp: 420294

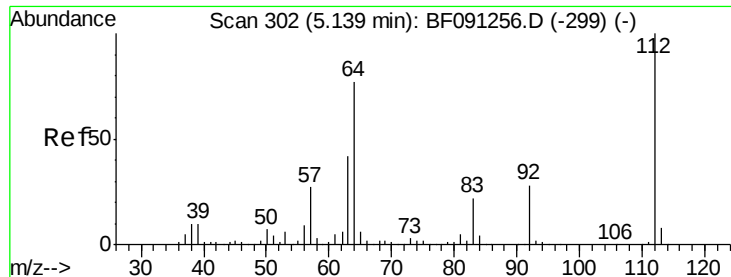
Ion Ratio Lower Upper

42 100

74 103.4 78.9 118.3

44 6.6 5.8 8.6

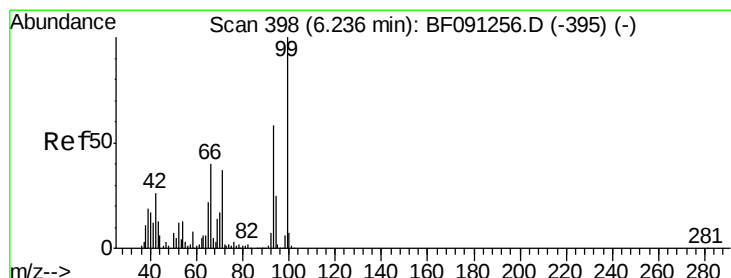
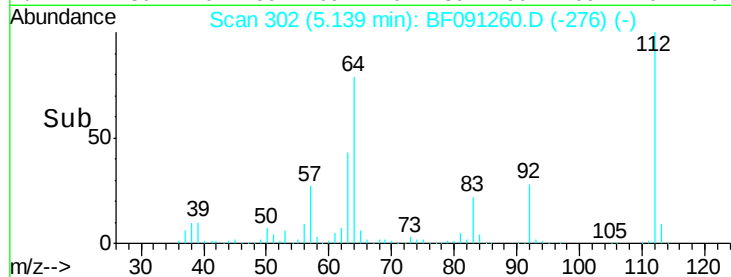
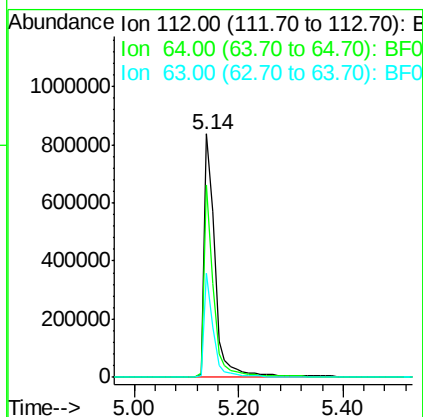
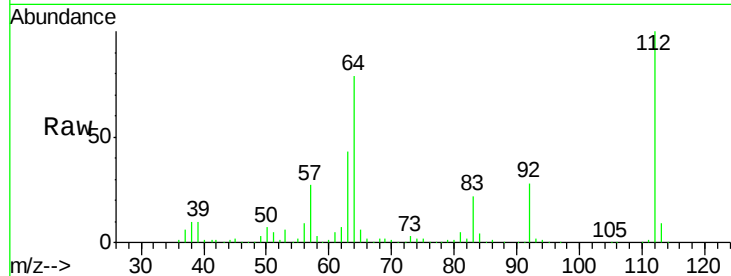




#5
 2-Fluorophenol
 Concen: 81.19 ng
 RT: 5.14 min Scan# 302
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

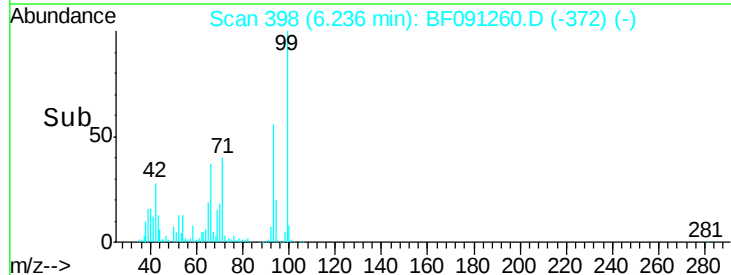
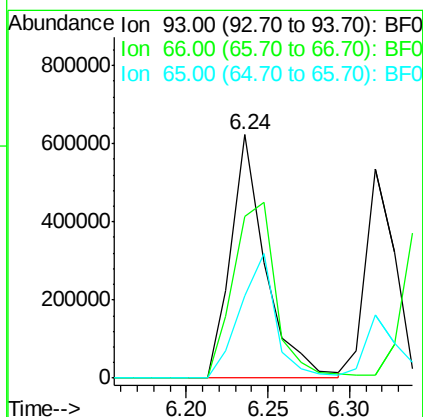
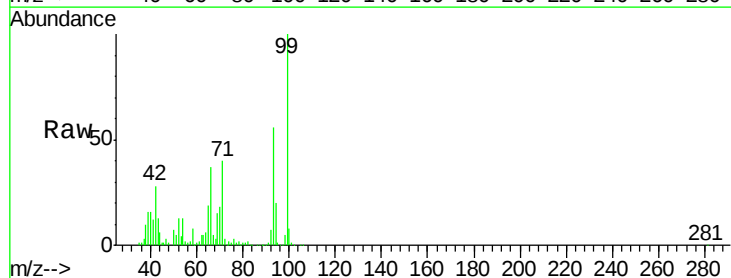
Instrument :
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 ICVBF112116

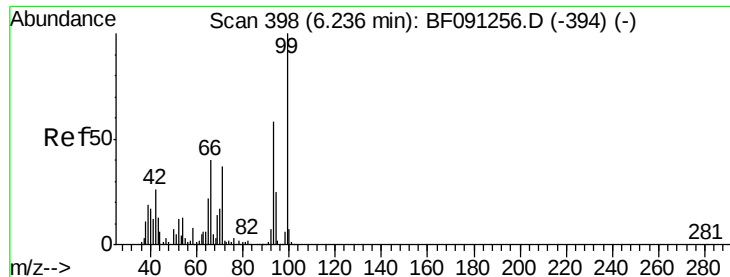
Tgt Ion: 112 Resp: 1231093
 Ion Ratio Lower Upper
 112 100
 64 79.2 61.5 92.3
 63 42.8 33.3 49.9



#6
 Aniline
 Concen: 38.42 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





#7

Phenol-d6

Concen: 71.01 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

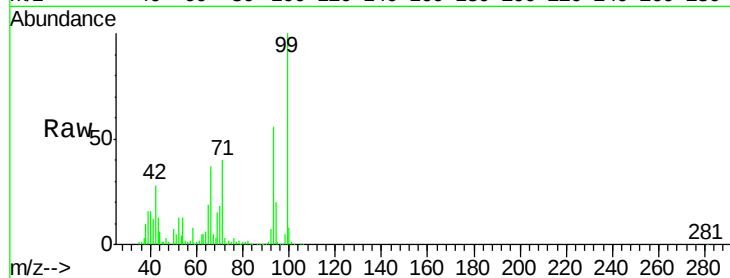
Tgt Ion: 99 Resp: 1442875

Ion Ratio Lower Upper

99 100

42 27.7 20.6 31.0

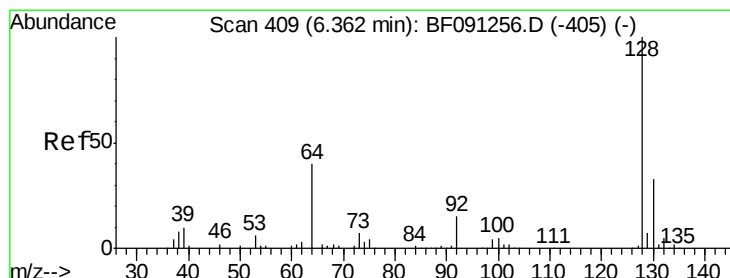
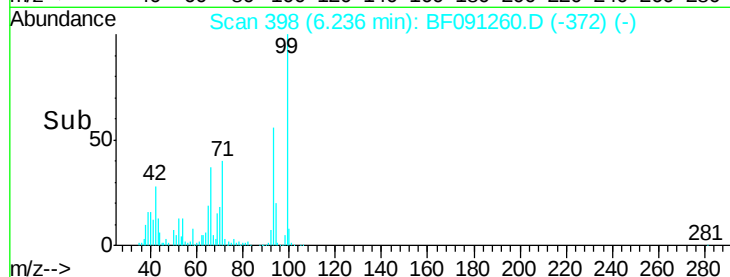
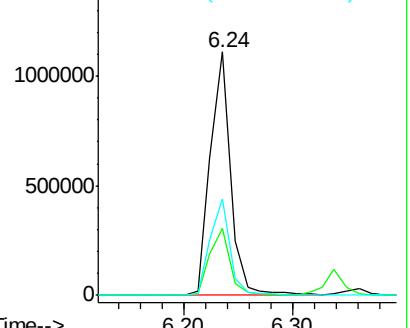
71 39.6 29.9 44.9



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: 38.00 ng

RT: 6.36 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

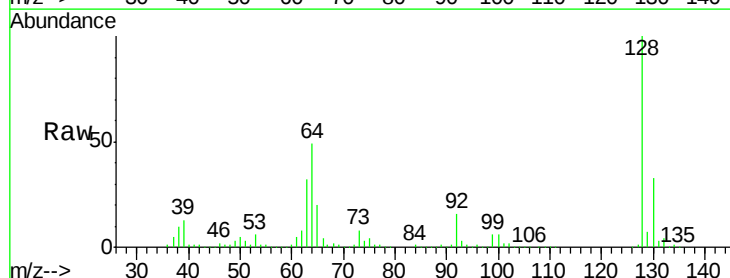
Tgt Ion: 128 Resp: 678512

Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

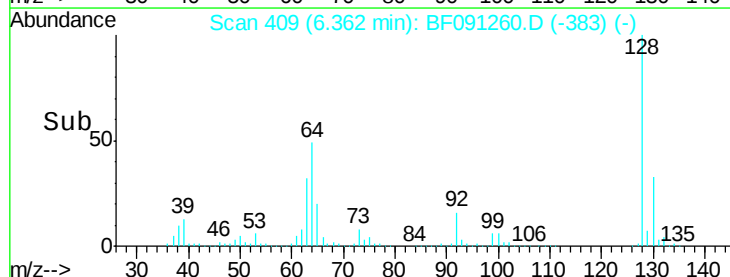
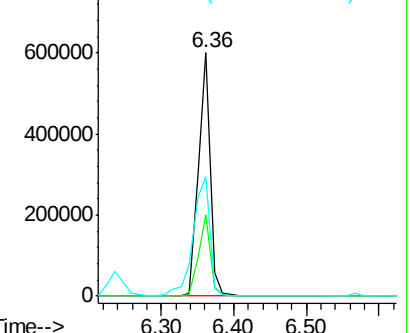
64 48.9 24.1 64.1

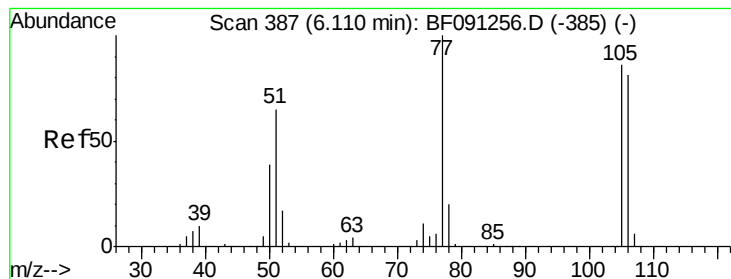


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.71 ng

RT: 6.11 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF091260.D

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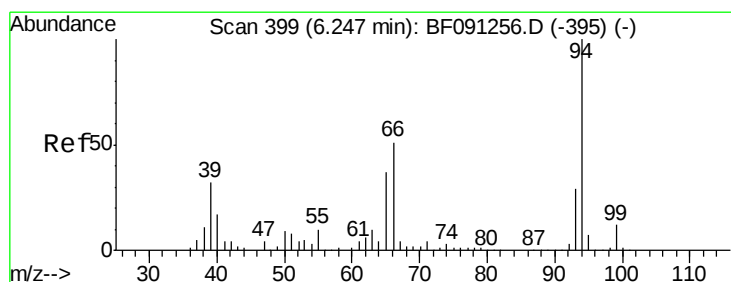
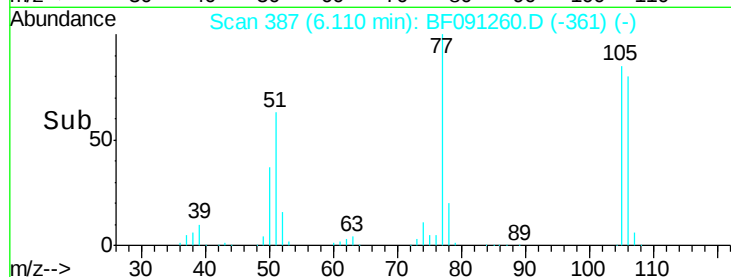
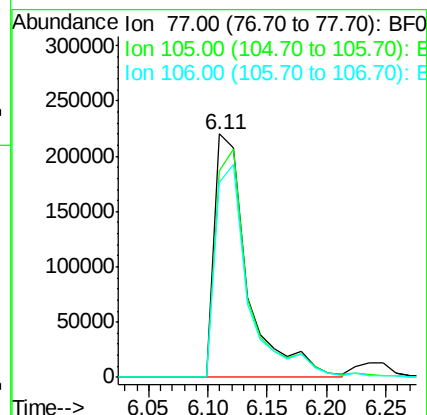
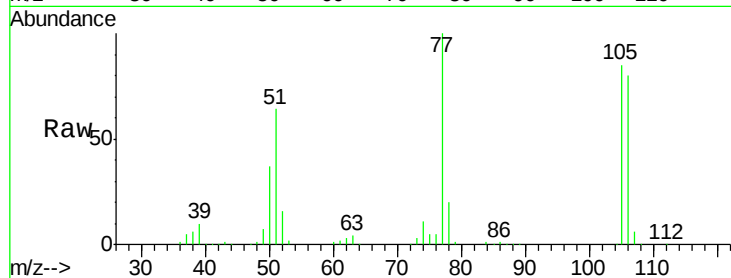
Tgt Ion: 77 Resp: 426533

Ion Ratio Lower Upper

77 100

105 84.7 66.4 106.4

106 79.9 60.9 100.9



#10

Phenol

Concen: 37.42 ng

RT: 6.25 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

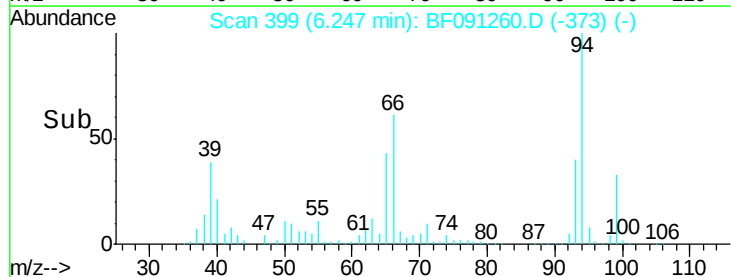
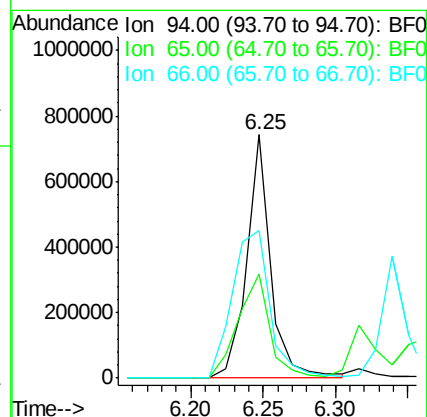
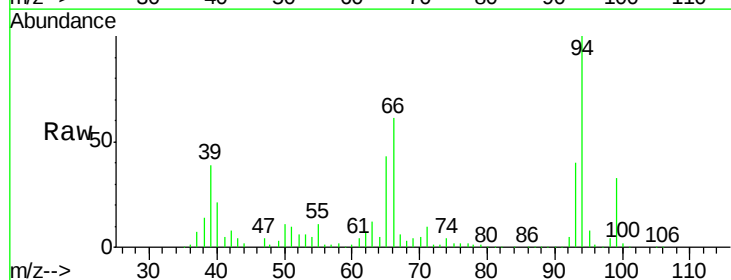
Tgt Ion: 94 Resp: 854588

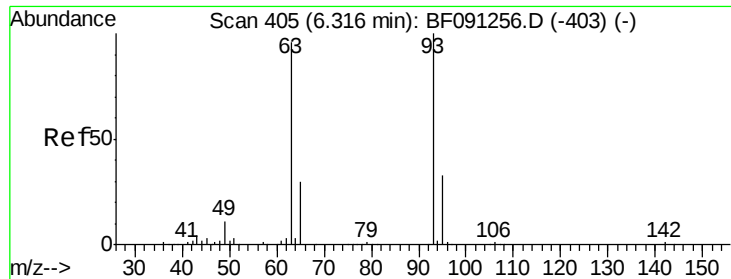
Ion Ratio Lower Upper

94 100

65 42.9 16.9 56.9

66 60.6 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 36.36 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

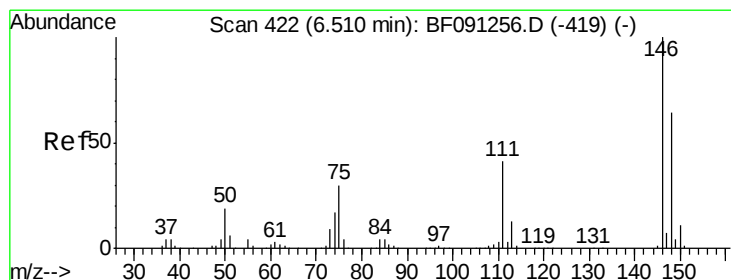
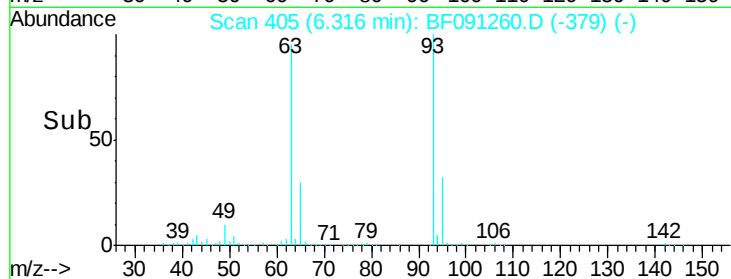
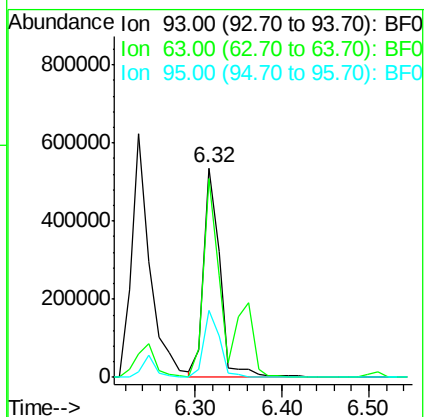
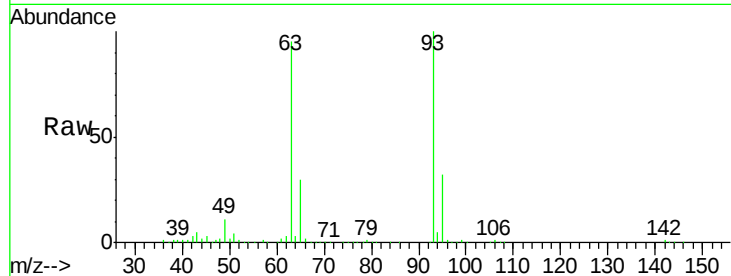
Tgt Ion: 93 Resp: 687733

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: 42.49 ng

RT: 6.51 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

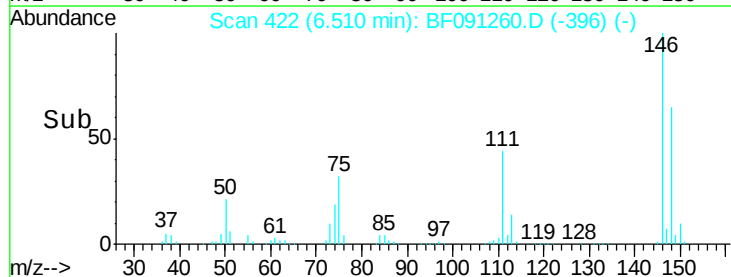
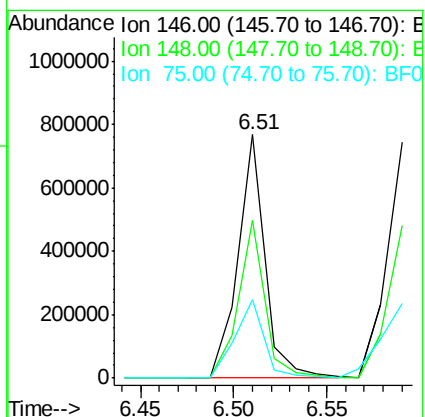
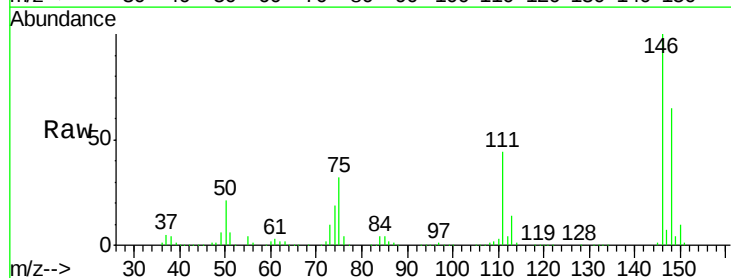
Tgt Ion: 146 Resp: 776575

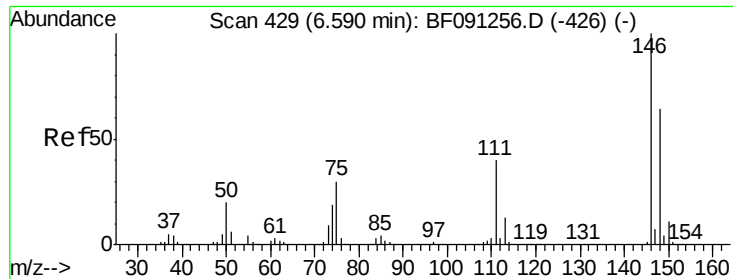
Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

75 32.4 23.6 35.4

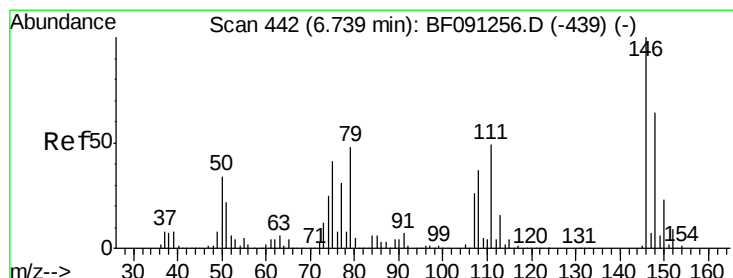
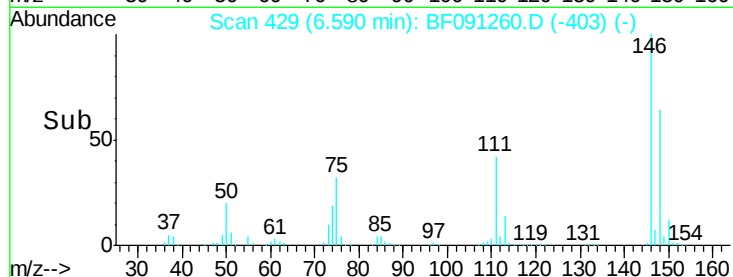
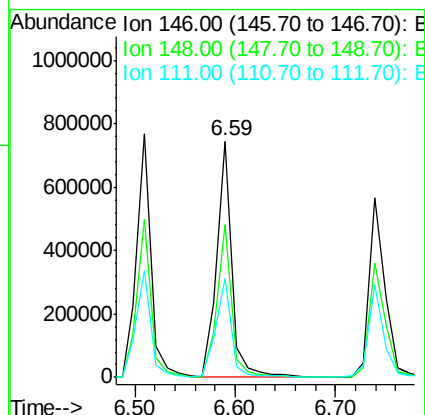
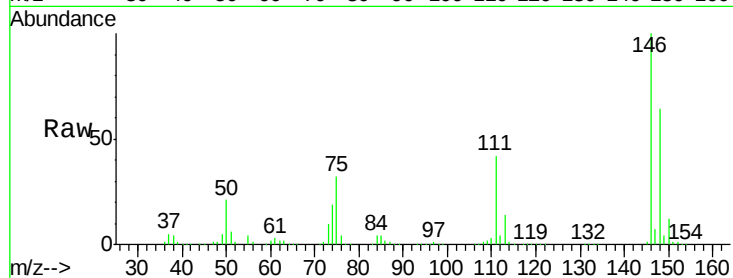




#13
 1,4-Dichlorobenzene
 Concen: 39.79 ng
 RT: 6.59 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

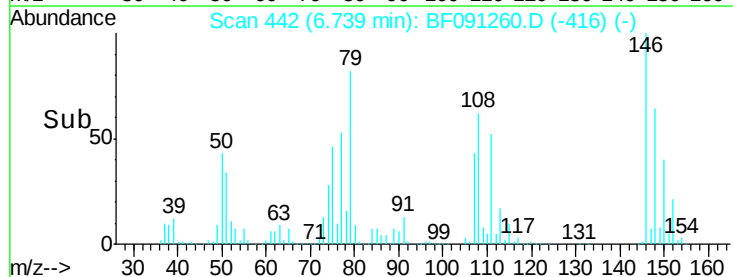
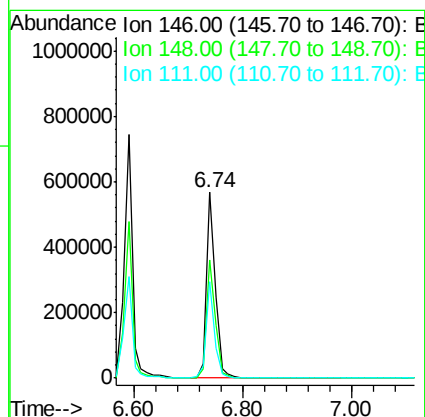
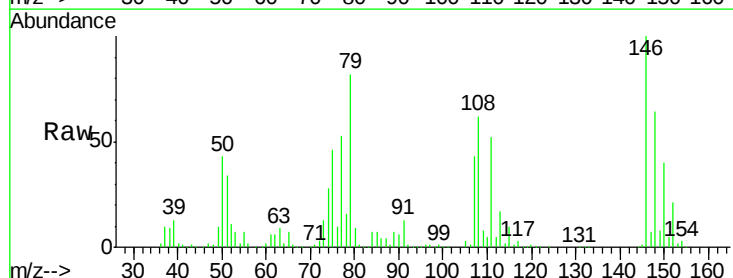
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

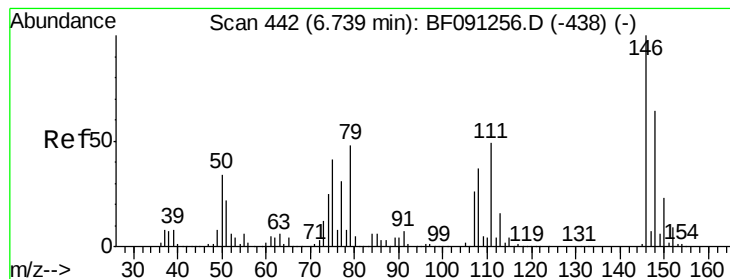
Tgt Ion:146 Resp: 780968
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 111 41.8 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 35.67 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: 44.26 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

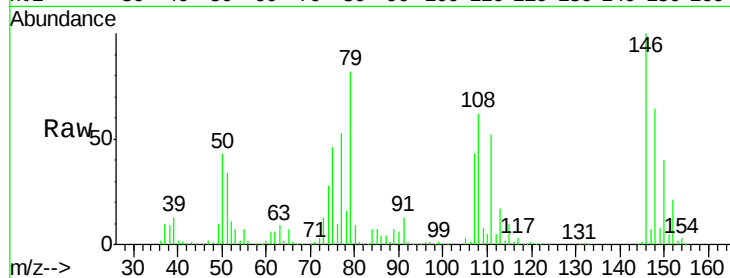
Tgt Ion: 79 Resp: 646302

Ion Ratio Lower Upper

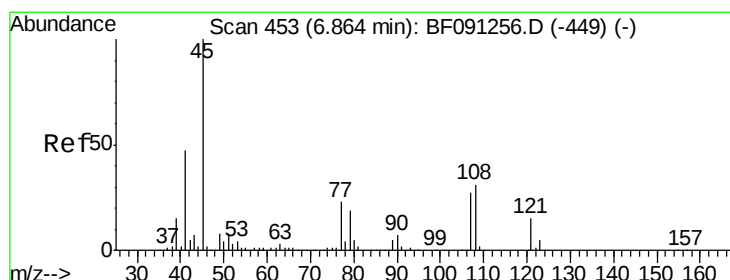
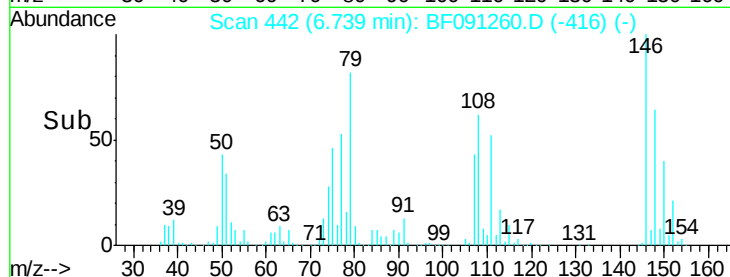
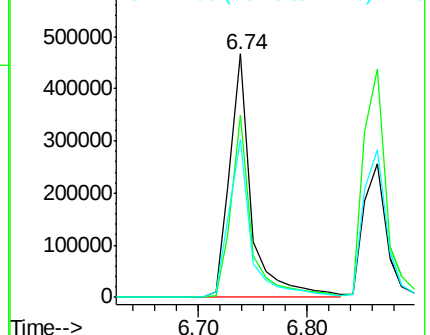
79 100

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: 42.66 ng

RT: 6.86 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

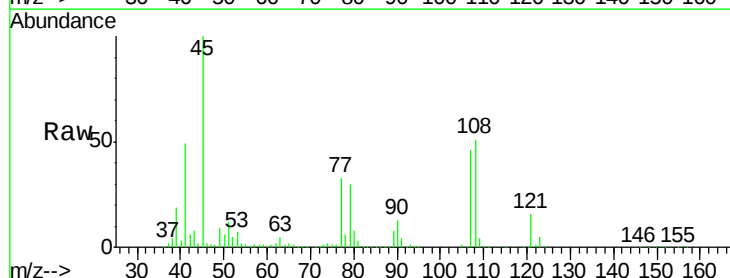
Tgt Ion: 45 Resp: 1205096

Ion Ratio Lower Upper

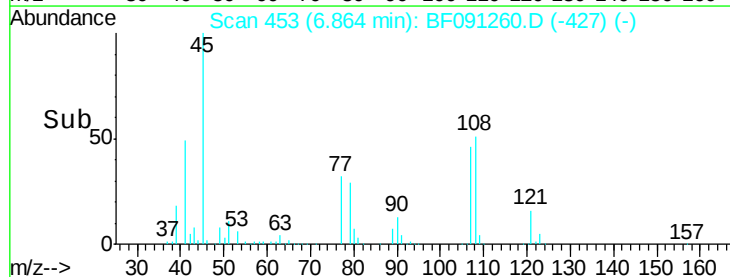
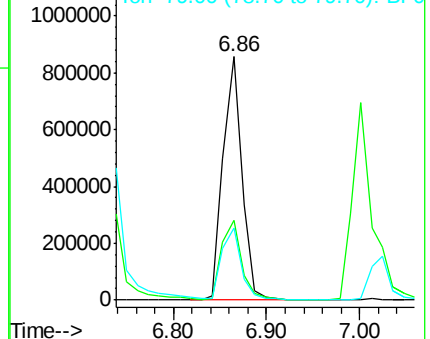
45 100

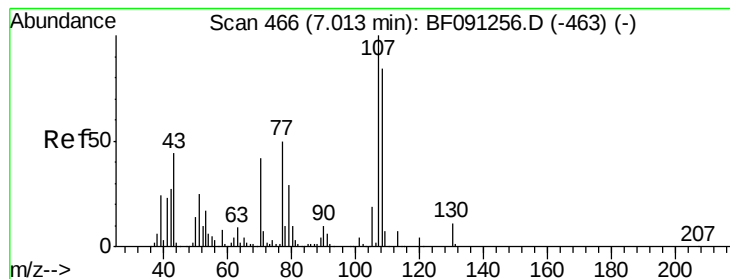
77 33.0 3.8 43.8

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: 49.46 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

Tgt Ion:107 Resp: 728215

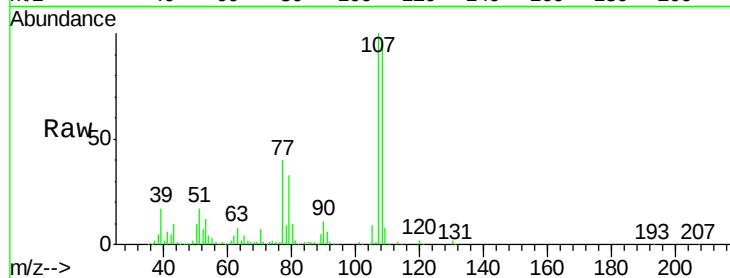
Ion Ratio Lower Upper

107 100

108 95.1 67.7 101.5

77 39.8 40.7 61.1#

79 33.0 23.4 35.2

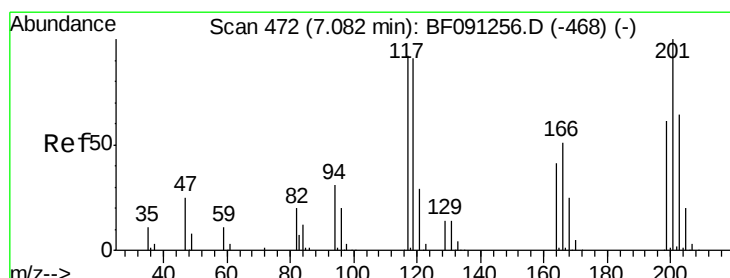
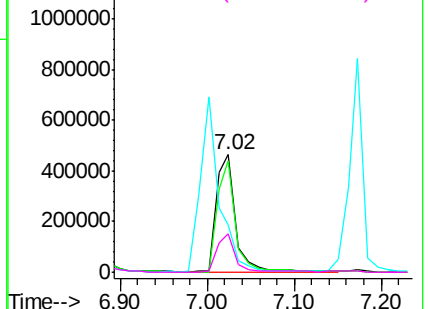
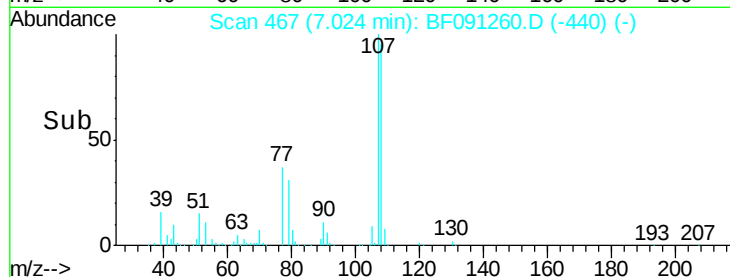


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.88 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

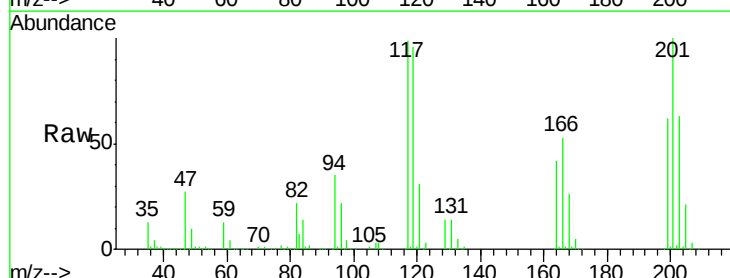
Tgt Ion:117 Resp: 292225

Ion Ratio Lower Upper

117 100

119 97.4 78.6 118.0

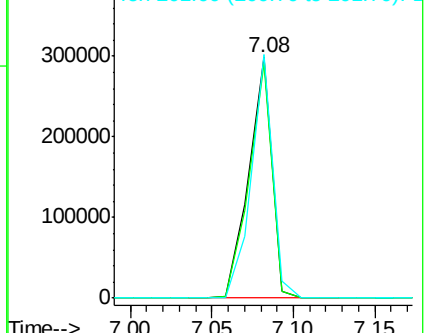
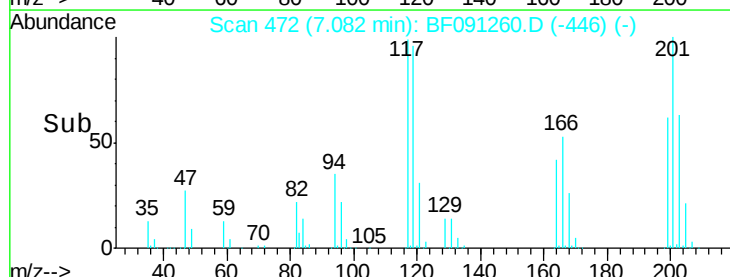
201 101.1 86.7 130.1

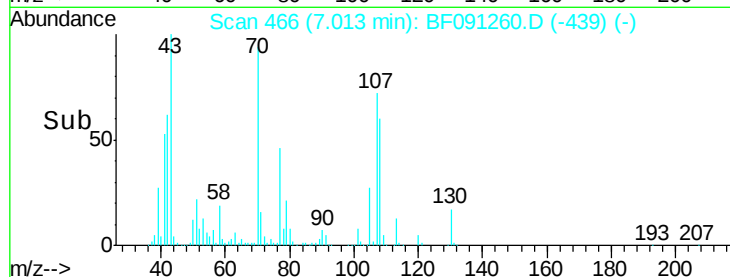
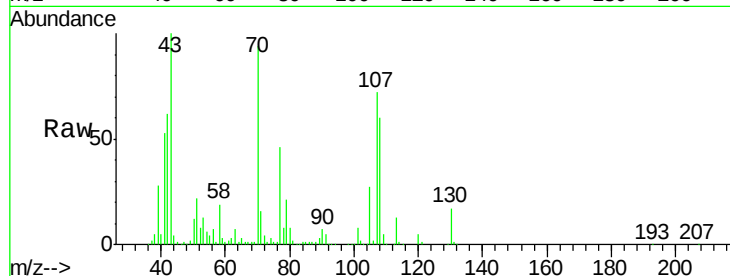
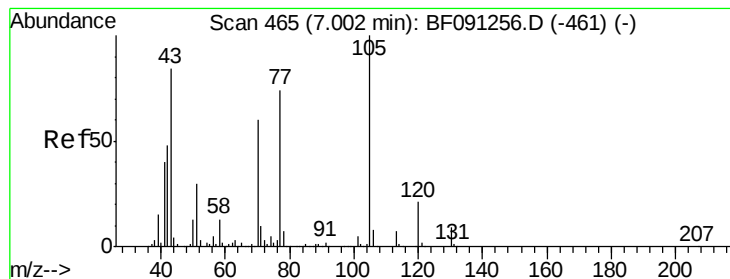


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.60 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

Tgt Ion: 70 Resp: 570195

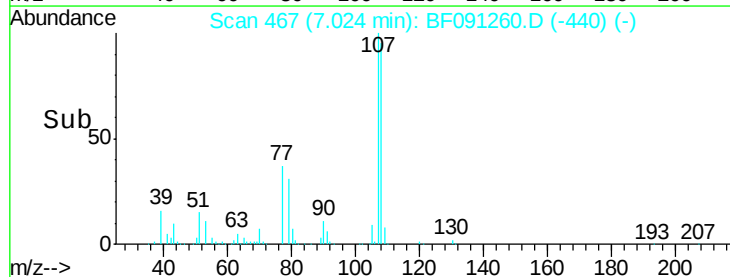
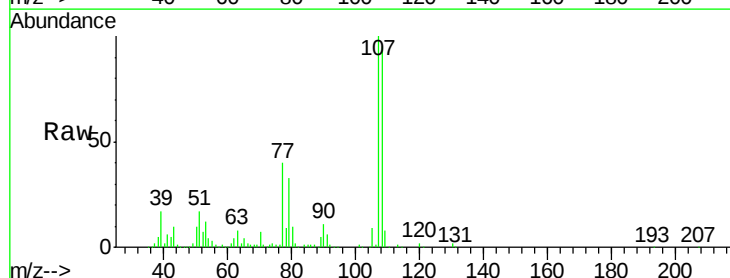
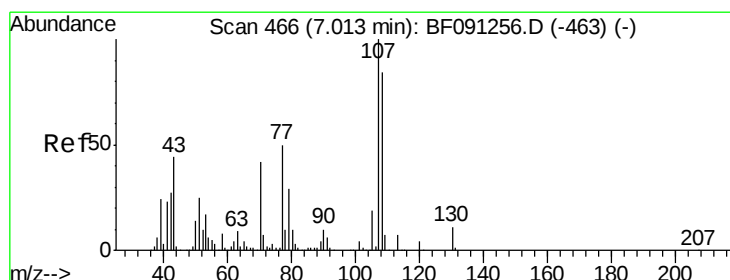
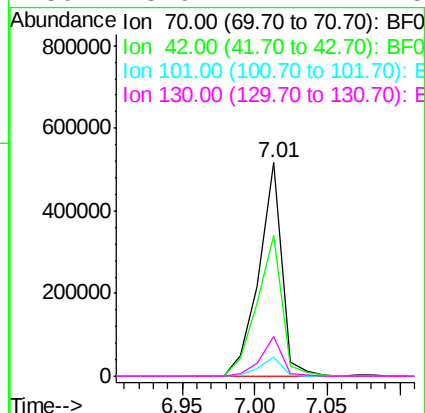
Ion Ratio Lower Upper

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: 42.53 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

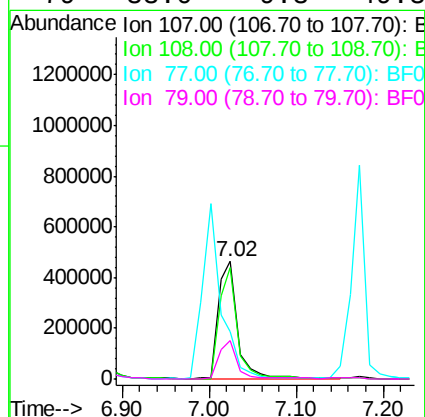
Ion Ratio Lower Upper

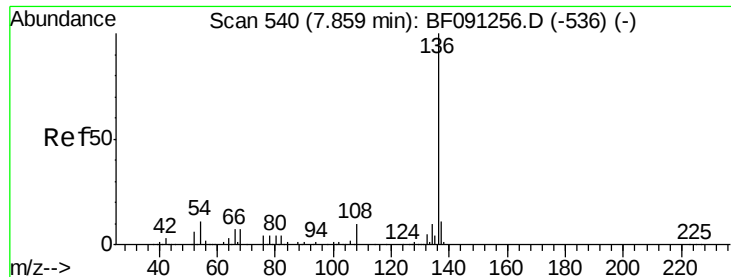
107 100

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

Tgt Ion:136 Resp: 1002936

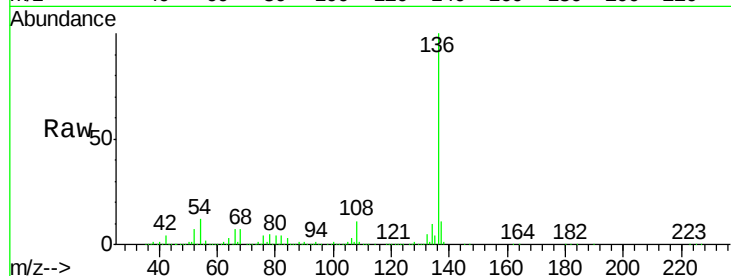
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 11.8 9.1 13.7

68 7.4 5.9 8.9

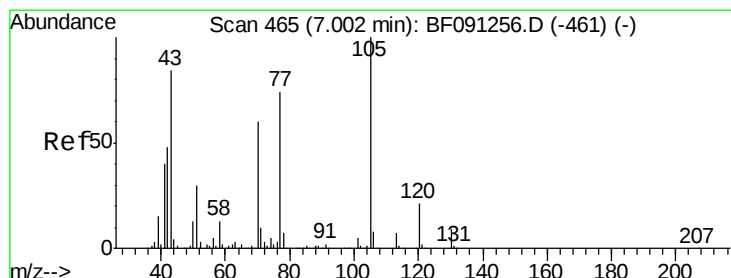
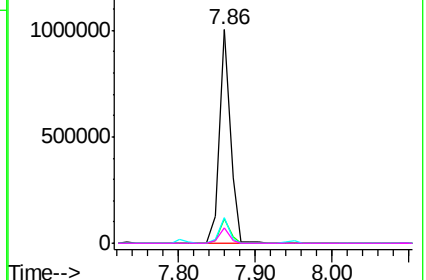
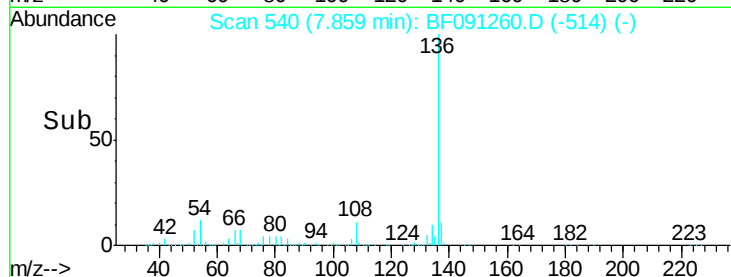


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.06 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

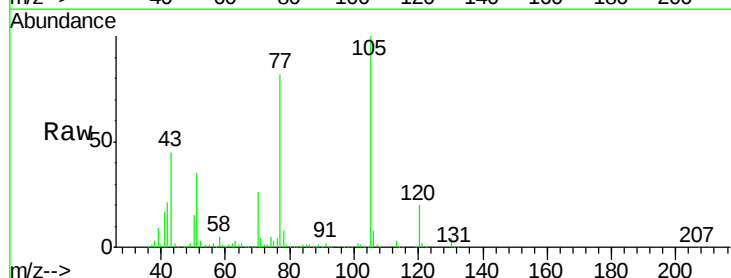
Ion Ratio Lower Upper

105 100

71 4.3 7.9 11.9#

51 35.0 24.5 36.7

120 20.2 16.6 24.8

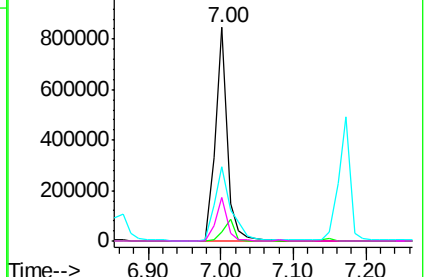
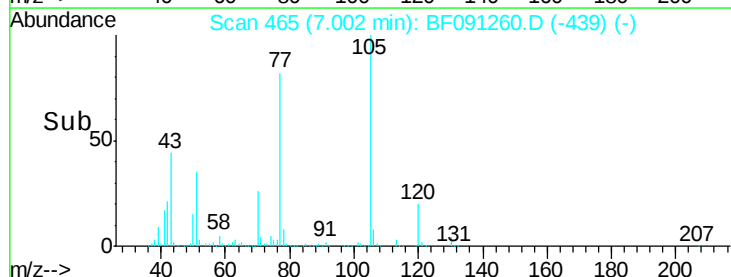


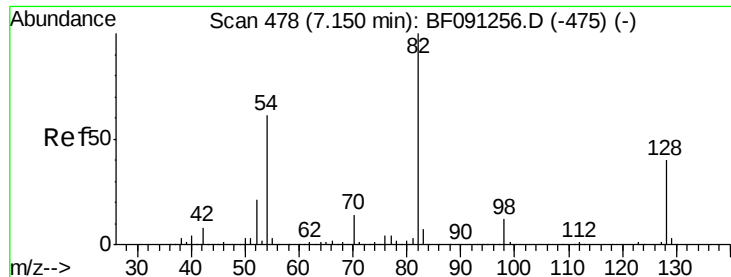
Abundance Ion 105.00 (104.70 to 105.70): E

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

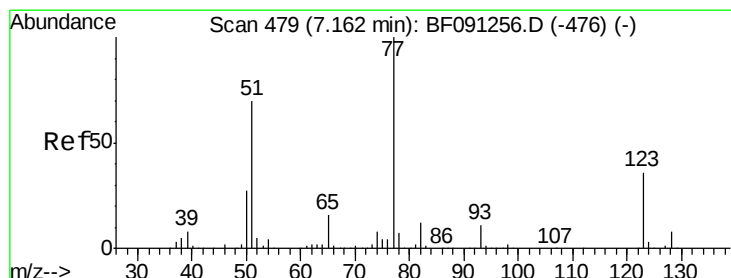
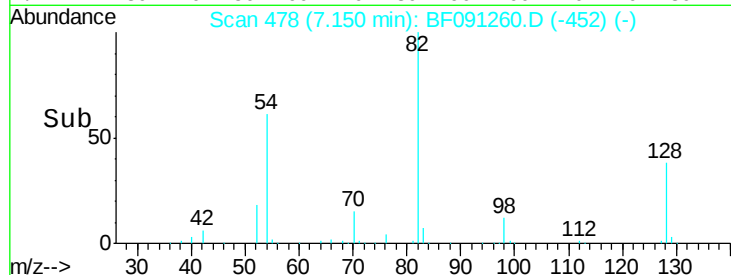
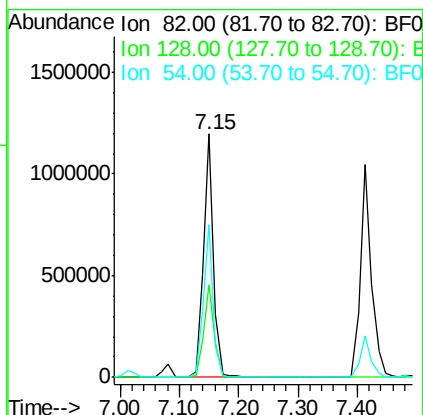
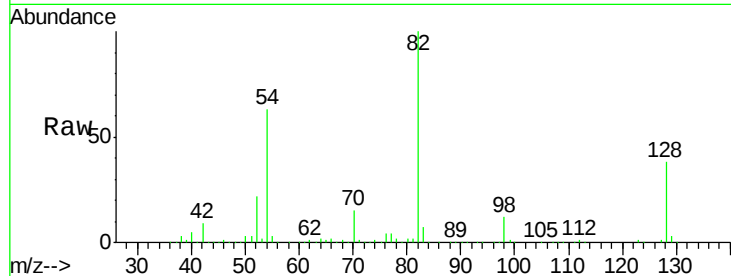




#23
 Nitrobenzene-d5
 Concen: 78.02 ng
 RT: 7.15 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

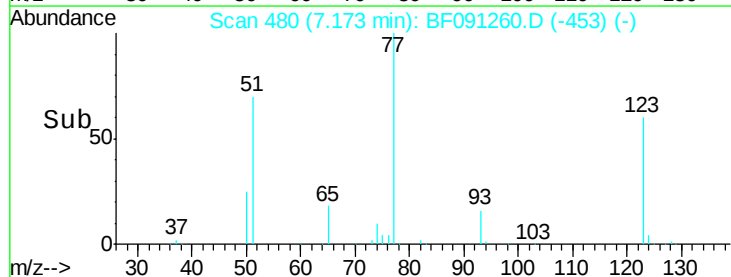
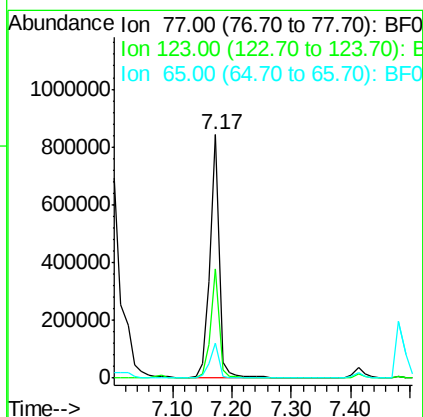
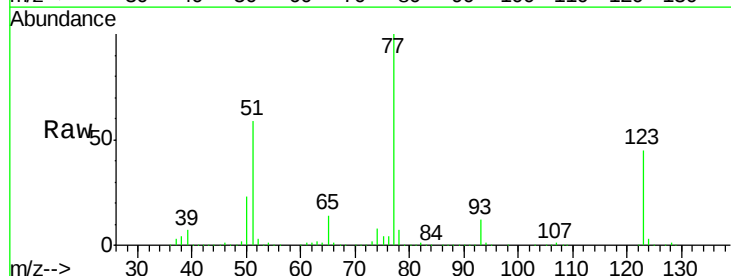
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

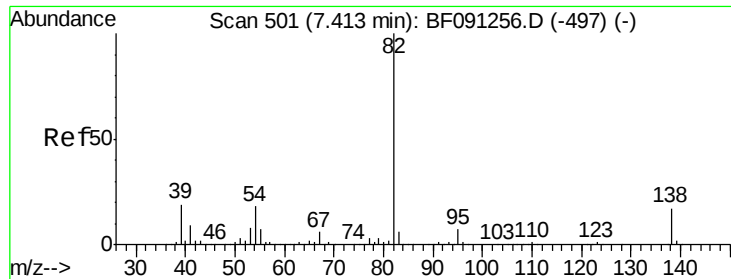
Tgt Ion: 82 Resp: 1441524
 Ion Ratio Lower Upper
 82 100
 128 38.0 31.8 47.6
 54 62.9 49.1 73.7



#24
 Nitrobenzene
 Concen: 46.01 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

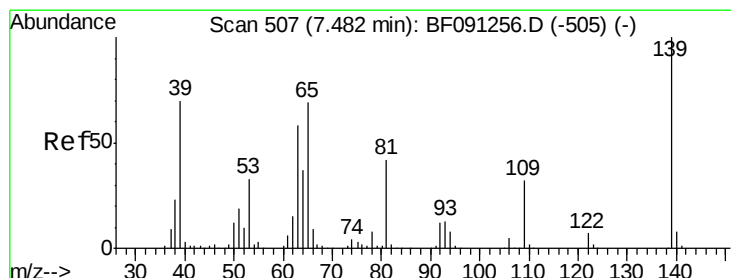
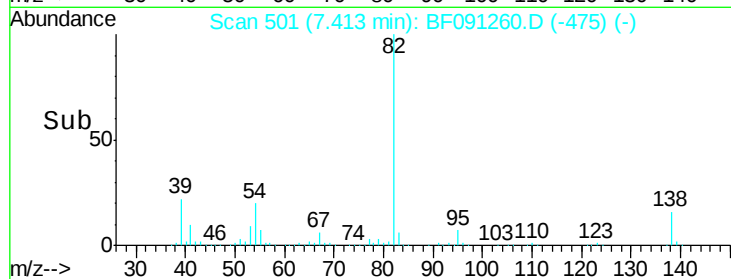
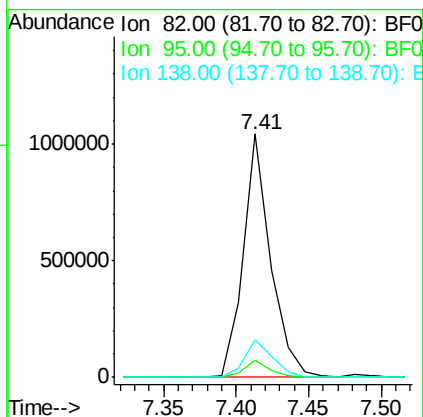
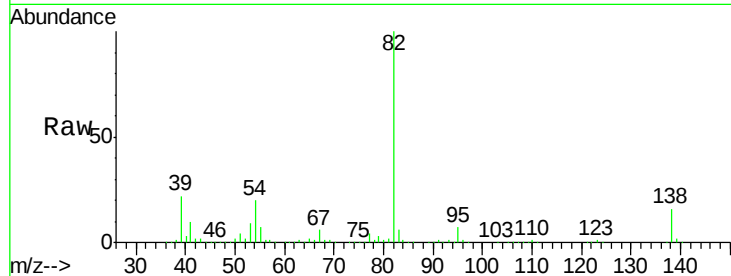




#25
Isophorone
Concen: 38.39 ng
RT: 7.41 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

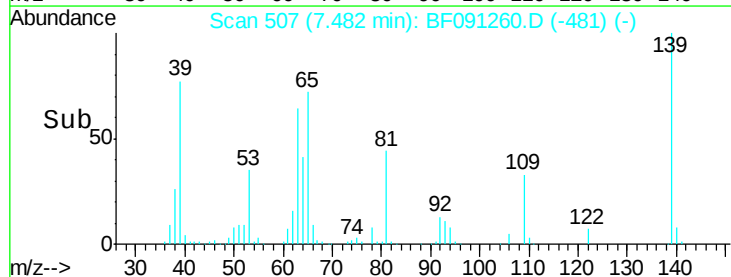
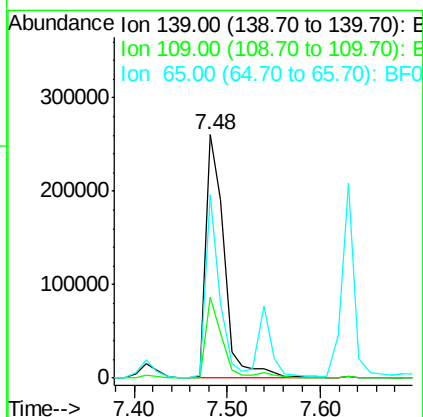
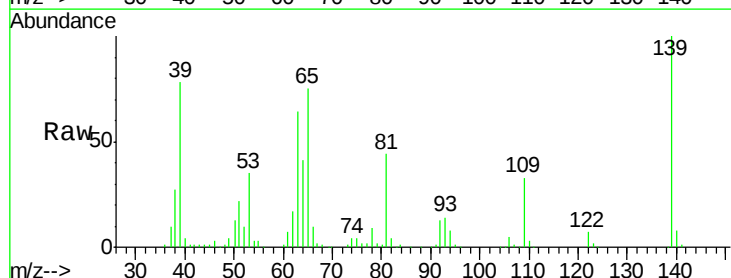
Instrument :
BNA_F
ClientSampleId :
ICVBF112116

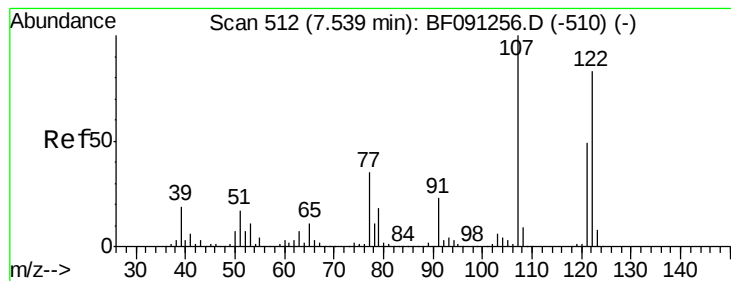
Tgt Ion: 82 Resp: 135524
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 15.7 13.4 20.0



#26
2-Nitrophenol
Concen: 41.84 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





#27

2,4-Dimethylphenol

Concen: 38.54 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

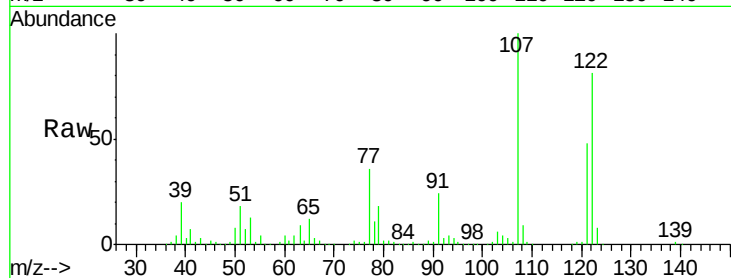
Tgt Ion:122 Resp: 539339

Ion Ratio Lower Upper

122 100

107 123.3 96.8 145.2

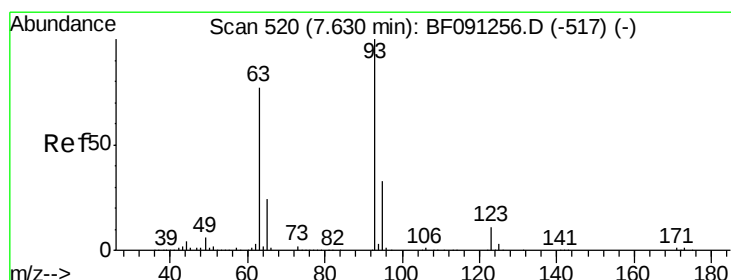
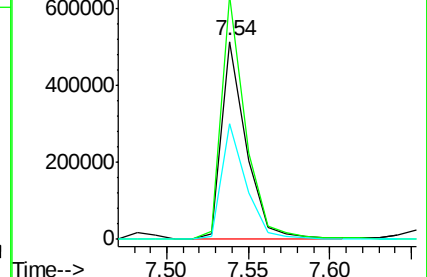
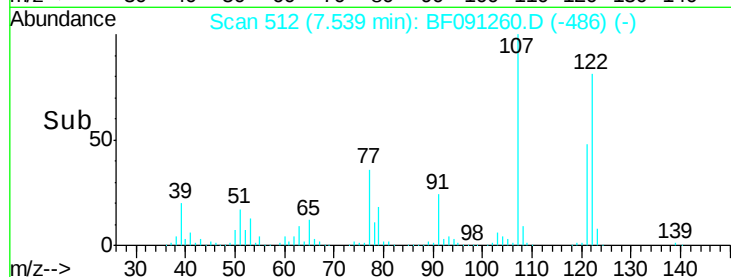
121 58.7 47.7 71.5



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: 42.13 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

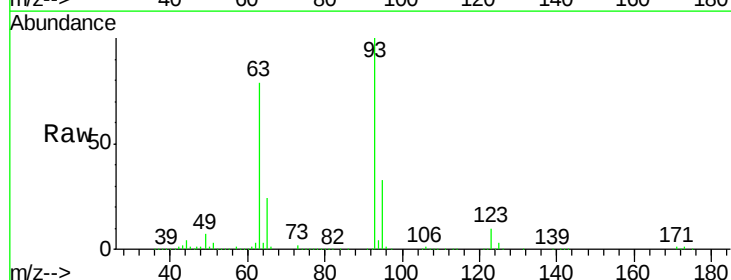
Tgt Ion: 93 Resp: 803237

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

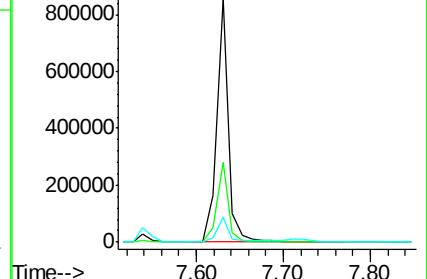
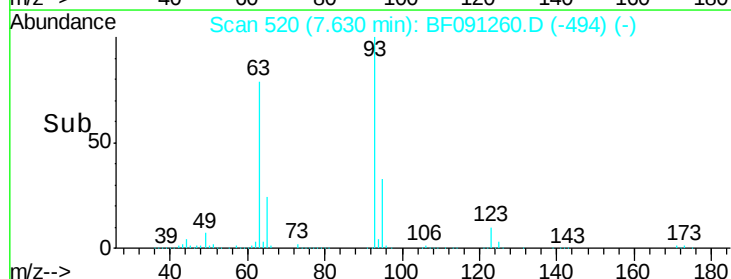
123 10.1 8.6 12.8

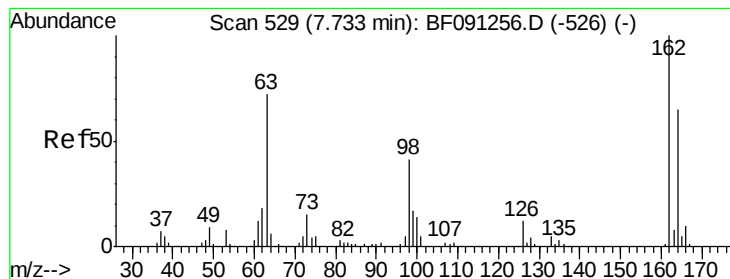


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

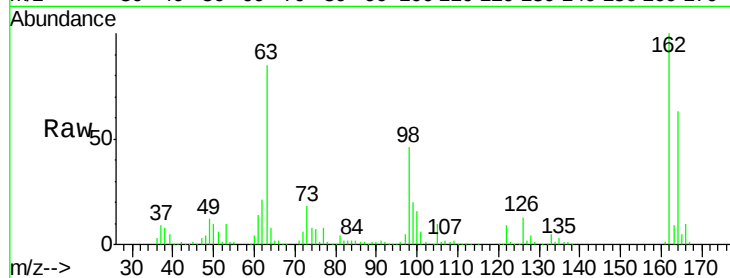




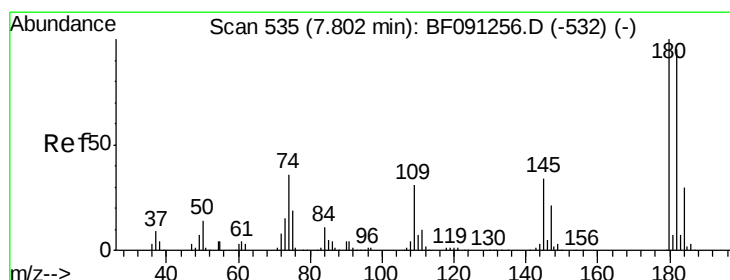
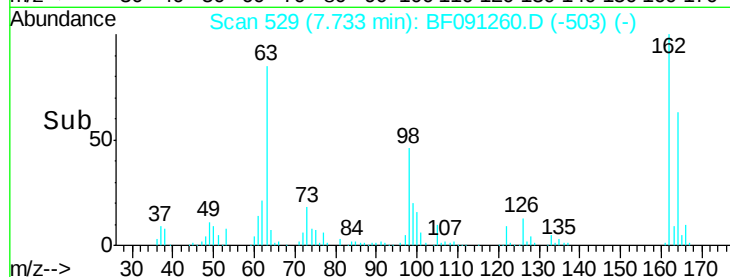
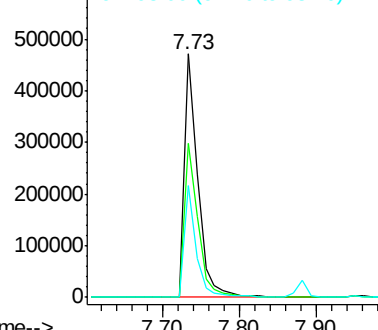
#29
 2,4-Dichlorophenol
 Concen: 44.74 ng
 RT: 7.73 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

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

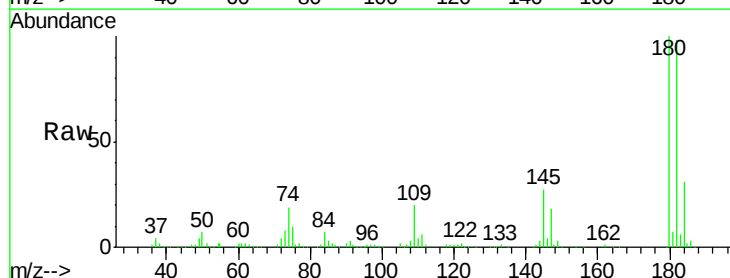


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

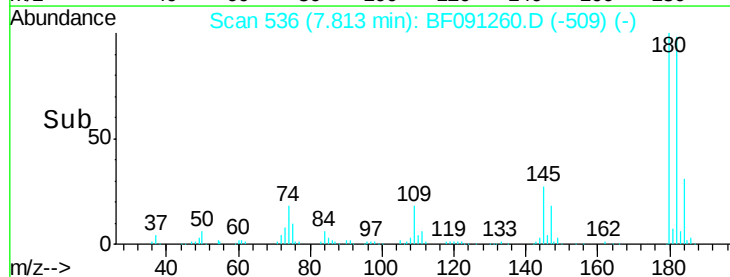
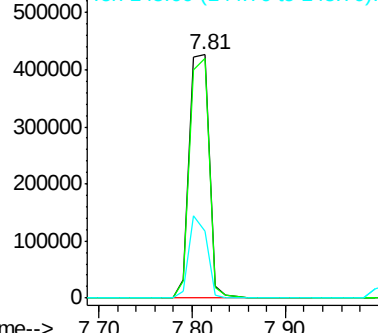


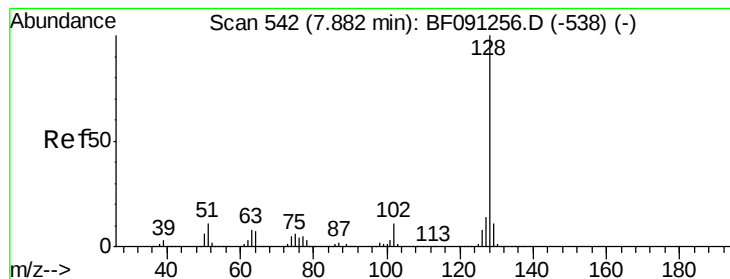
#30
 1,2,4-Trichlorobenzene
 Concen: 44.70 ng
 RT: 7.81 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

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: 38.43 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

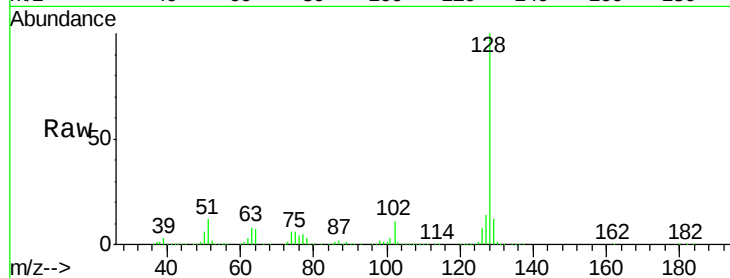
Tgt Ion:128 Resp: 1826150

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

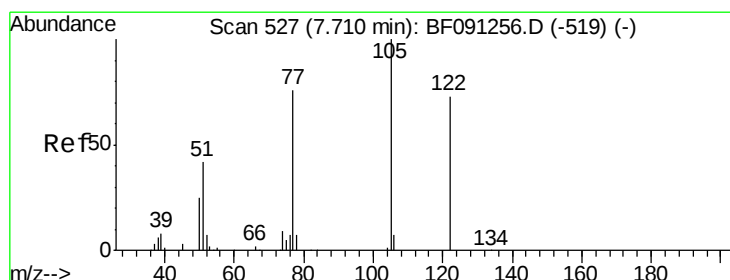
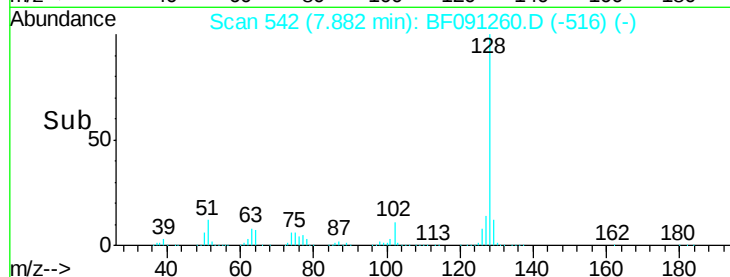
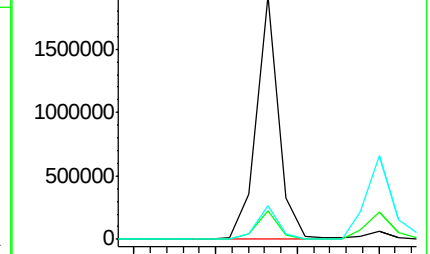
127 14.0 11.0 16.4



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: 41.21 ng

RT: 7.72 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

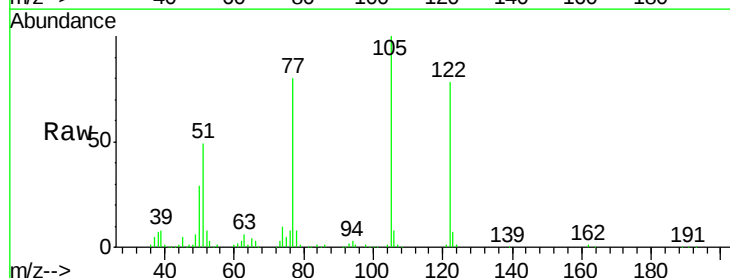
Tgt Ion:122 Resp: 401020

Ion Ratio Lower Upper

122 100

105 128.3 113.0 153.0

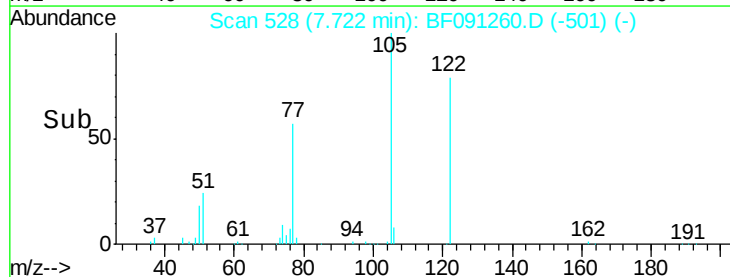
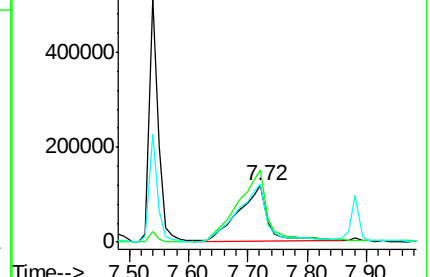
77 103.2 82.0 122.0

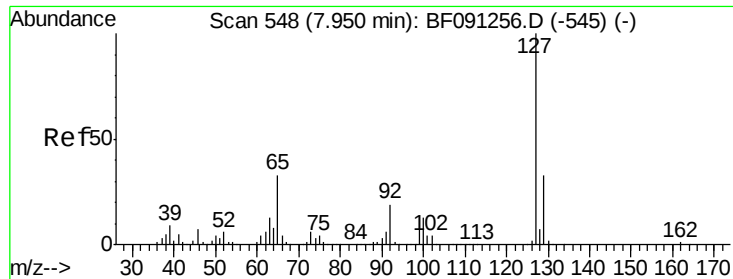


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

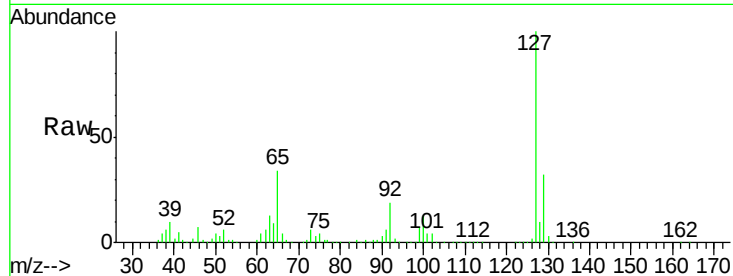




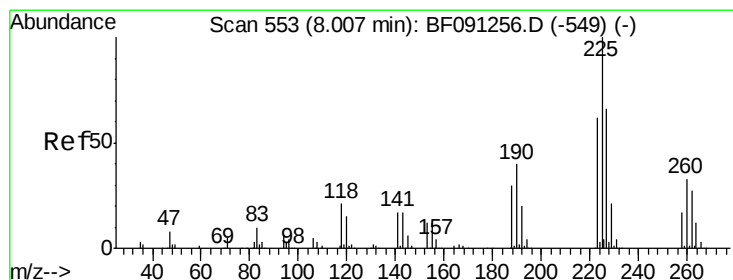
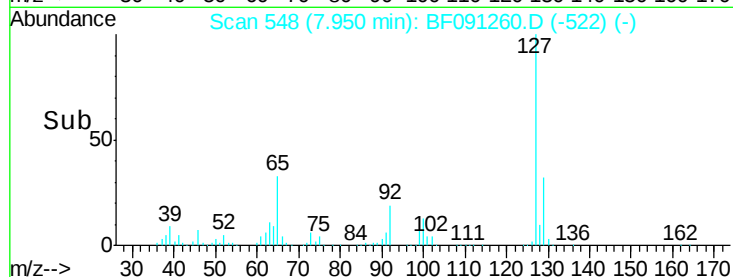
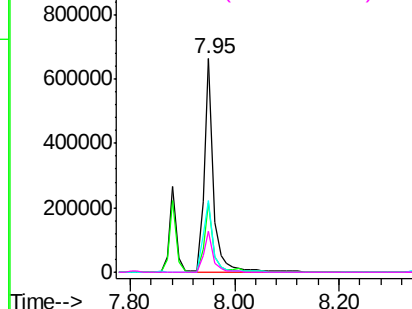
#33
4-Chloroaniline
Concen: 41.04 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Instrument :
BNA_F
ClientSampleId :
ICVBF112116

Tgt 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

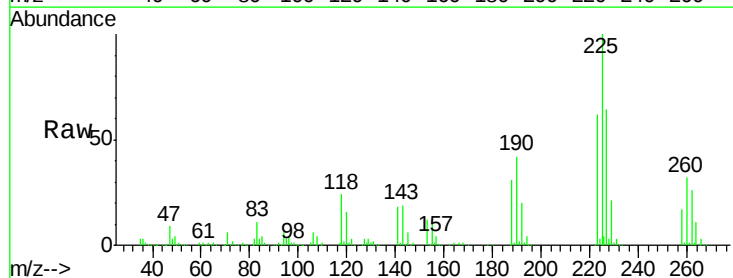


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

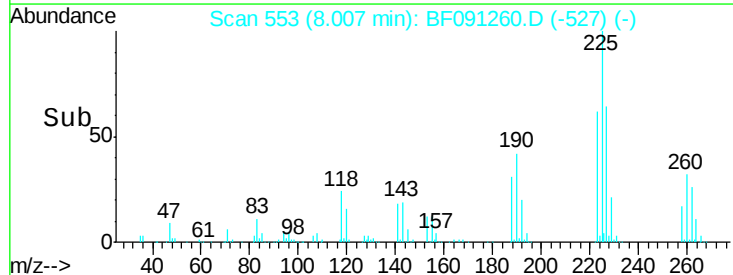
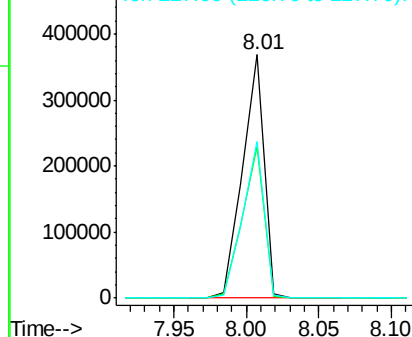


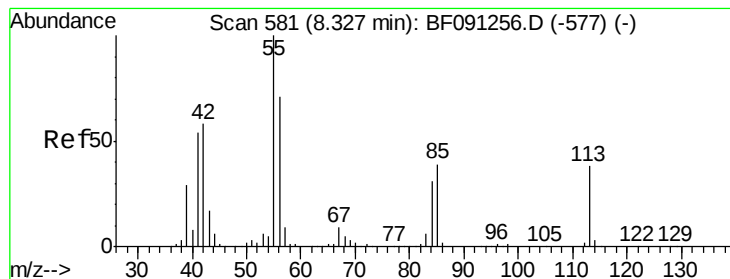
#34
Hexachlorobutadiene
Concen: 49.27 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

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: 40.09 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

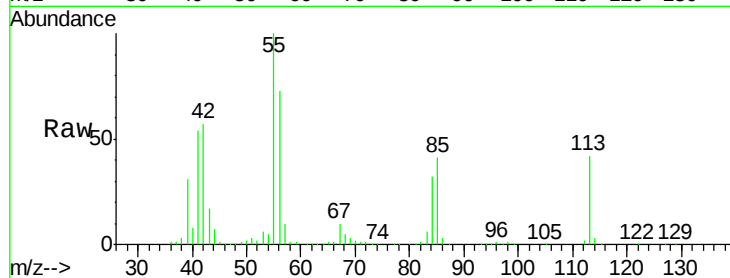
Tgt Ion:113 Resp: 155034

Ion Ratio Lower Upper

113 100

55 235.4 239.8 279.8#

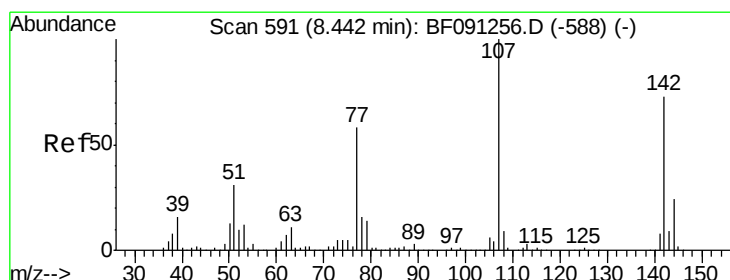
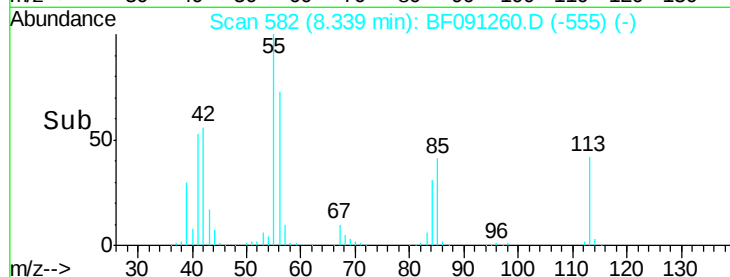
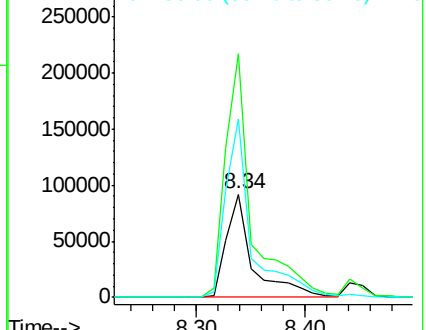
56 172.3 165.6 205.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.56 ng

RT: 8.44 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

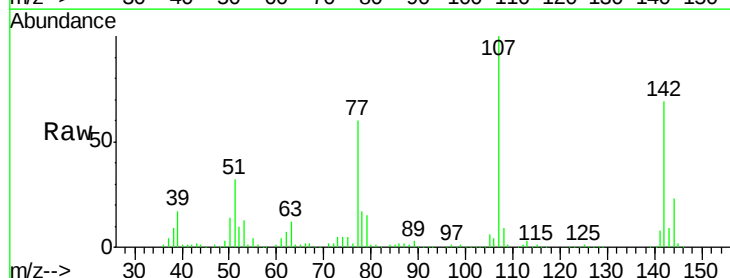
Tgt Ion:107 Resp: 603027

Ion Ratio Lower Upper

107 100

144 22.8 18.9 28.3

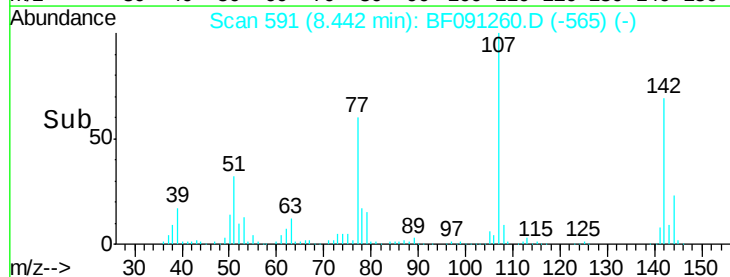
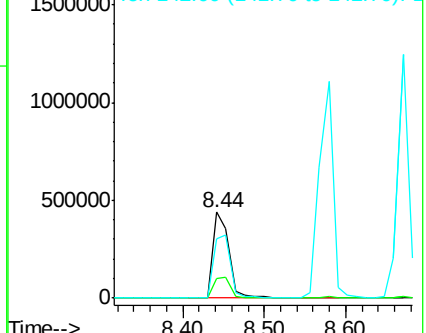
142 69.1 58.5 87.7

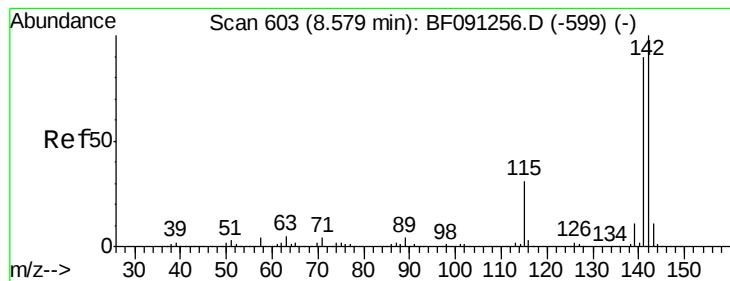


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.85 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

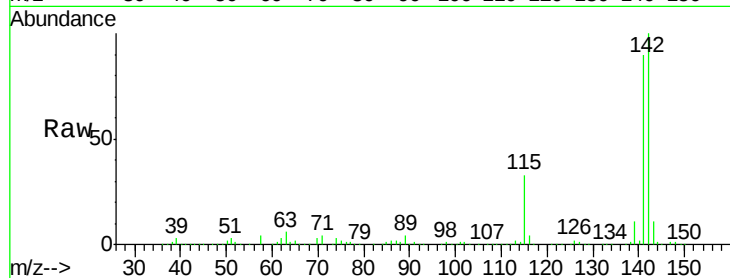
Tgt Ion:142 Resp: 1291335

Ion Ratio Lower Upper

142 100

141 89.9 71.7 107.5

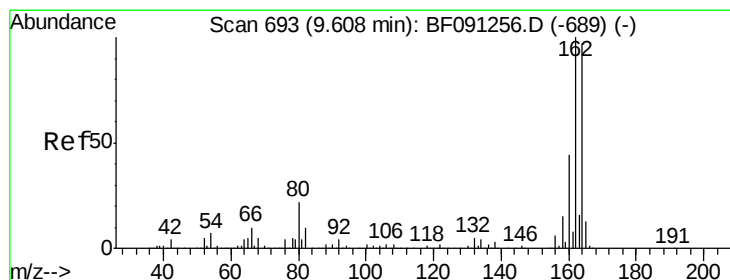
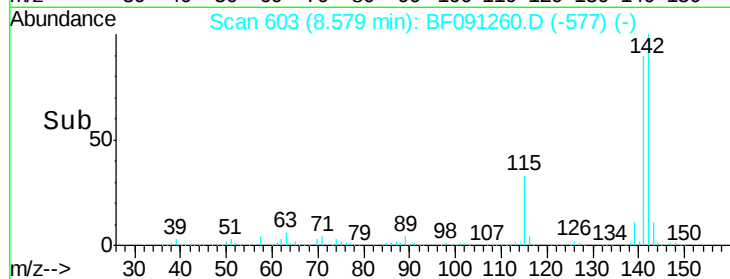
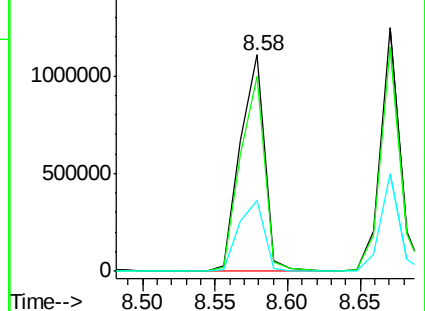
115 32.7 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

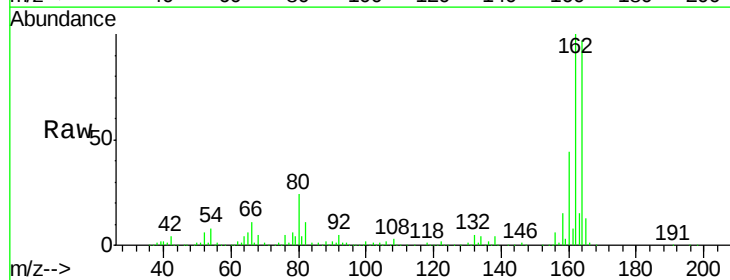
Tgt Ion:164 Resp: 525430

Ion Ratio Lower Upper

164 100

162 103.4 82.6 124.0

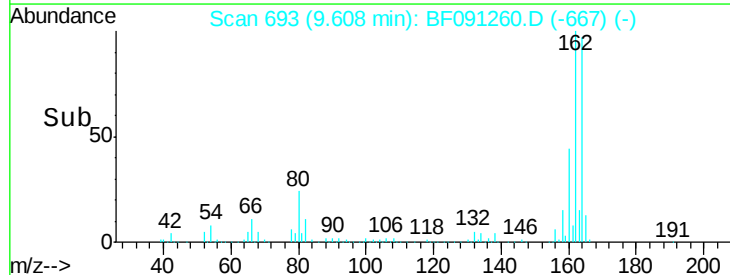
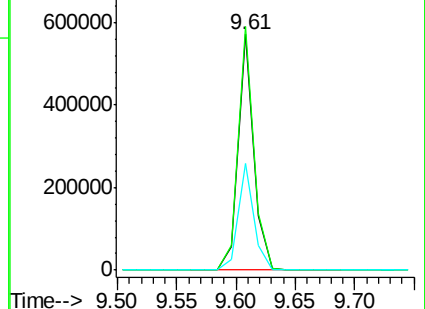
160 45.4 36.7 55.1

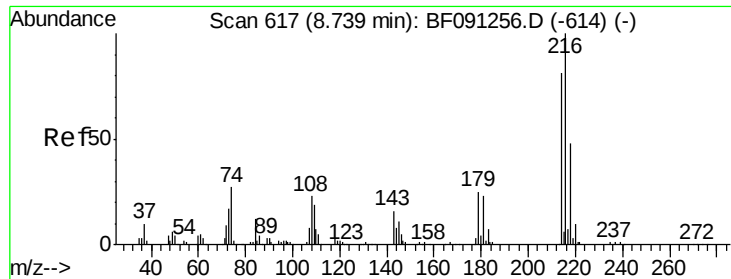


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.68 ng

RT: 8.74 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

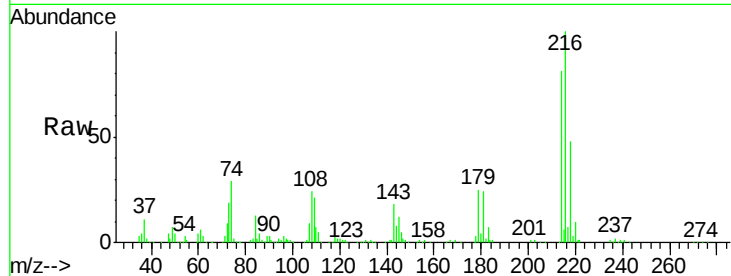
Instrument :

BNA_F

ClientSampleId :

ICVBF112116

Tgt 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

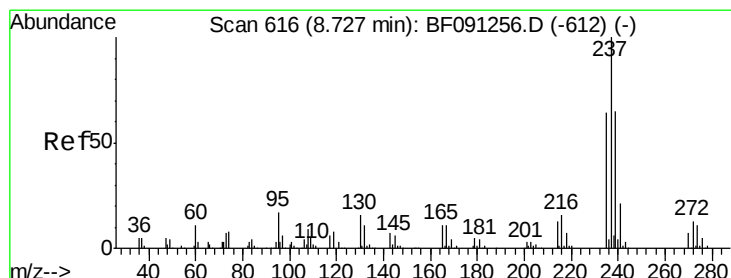
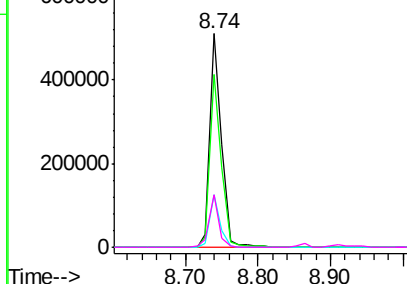
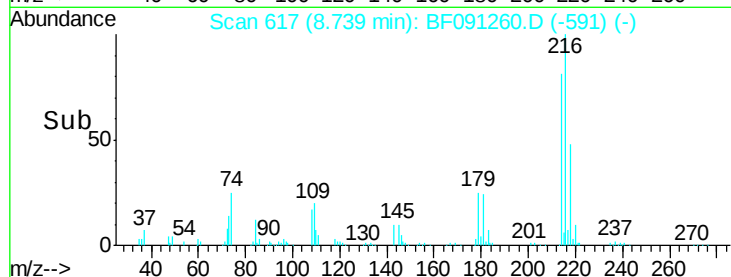


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.80 ng

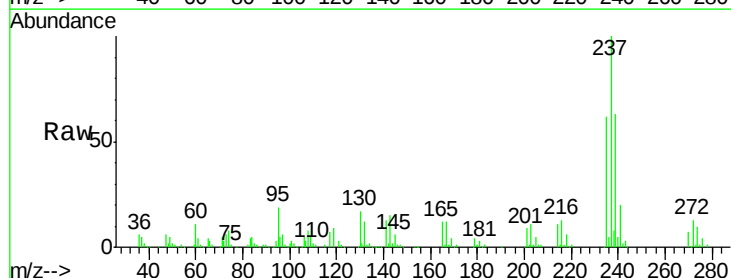
RT: 8.73 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

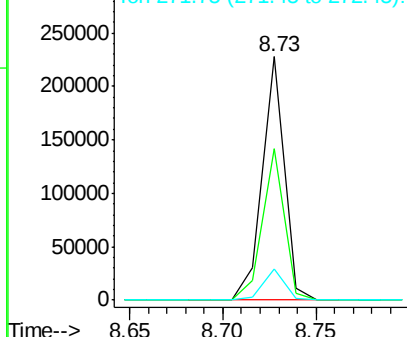
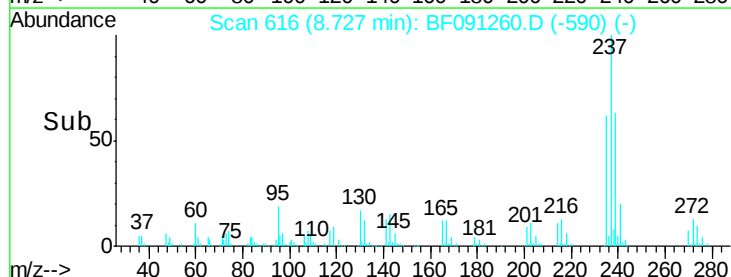
Tgt Ion:	237	Resp:	185234
Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.9	83.9
272	12.8	0.0	33.1

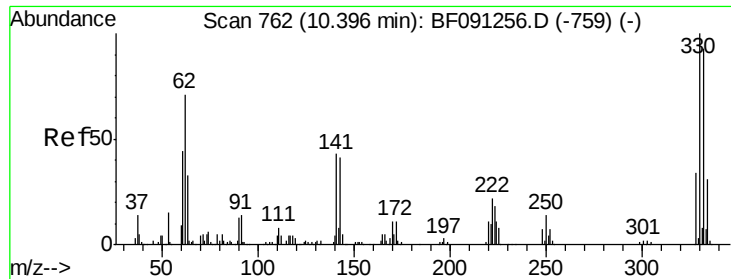


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

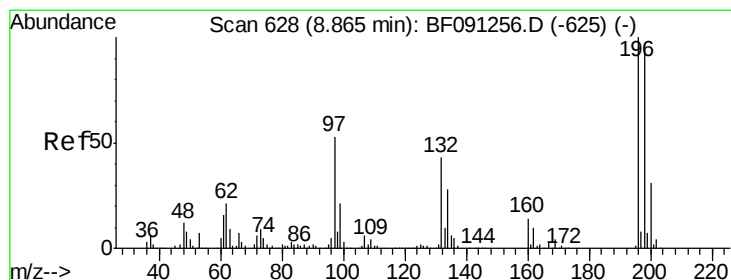
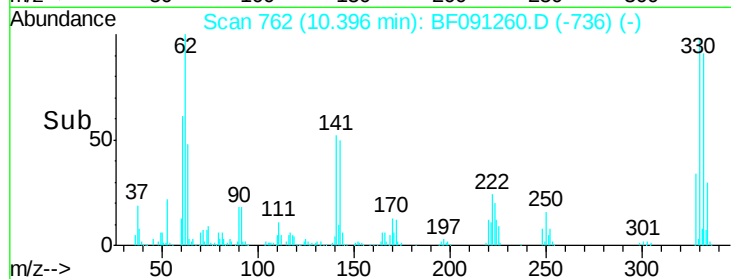
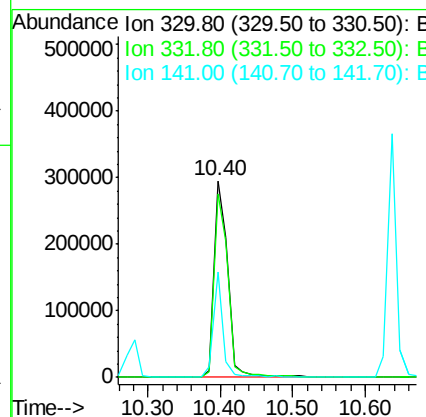
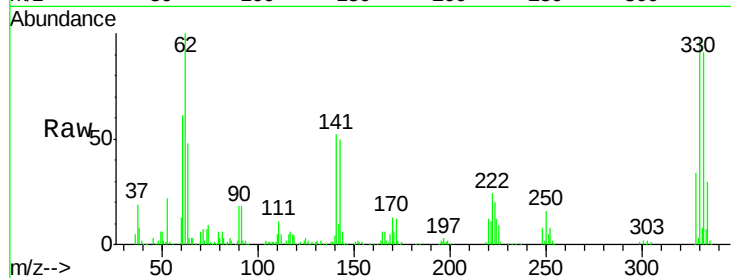




#41
 2,4,6-Tribromophenol
 Concen: 81.37 ng
 RT: 10.40 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

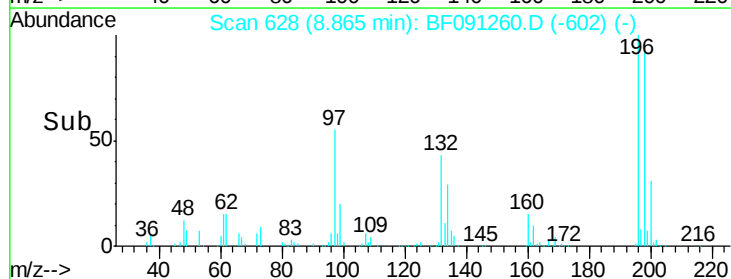
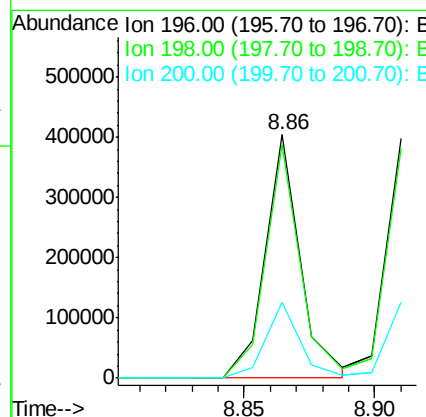
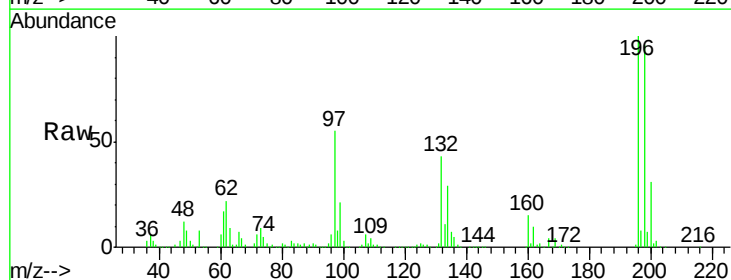
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

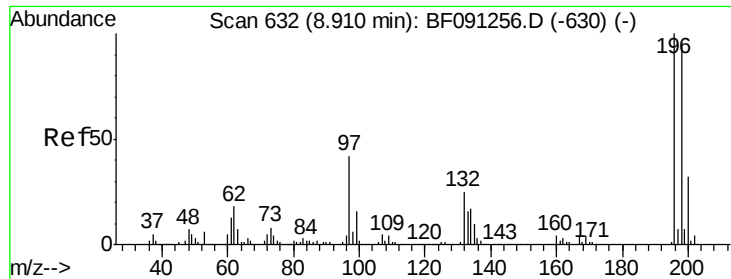
Tgt Ion:330 Resp: 387135
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 38.9 33.6 50.4



#42
 2,4,6-Trichlorophenol
 Concen: 44.14 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:196 Resp: 379209
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.4 116.0
 200 31.1 25.2 37.8

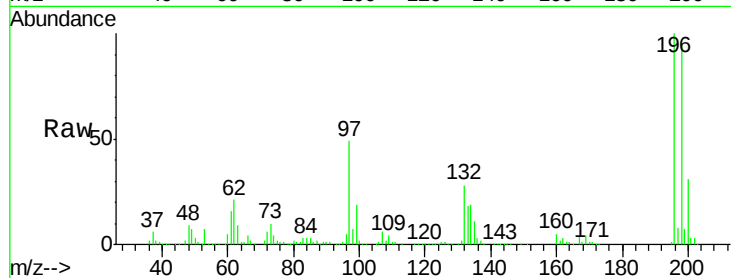




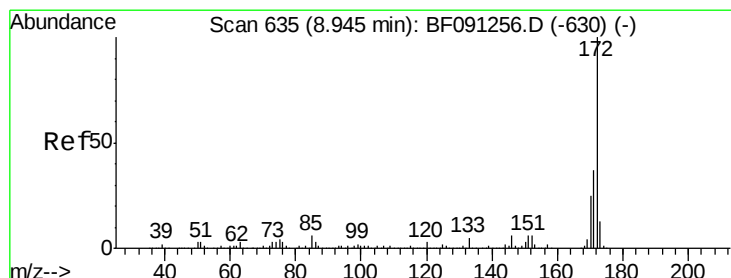
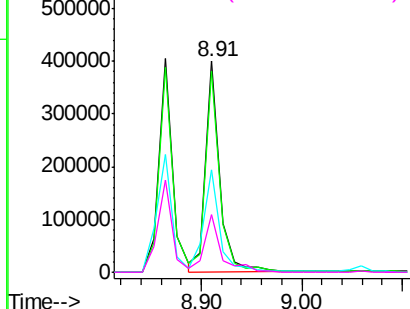
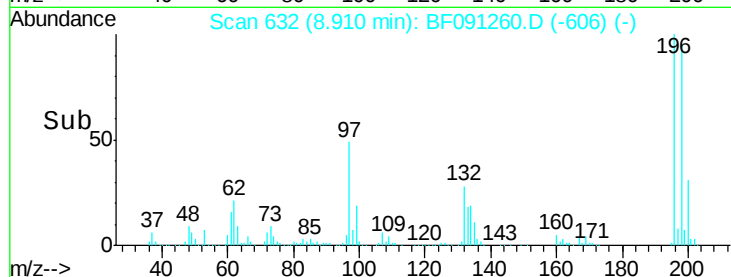
#43
 2,4,5-Trichlorophenol
 Concen: 43.55 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

Tgt Ion:196 Resp: 391491
 Ion Ratio 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

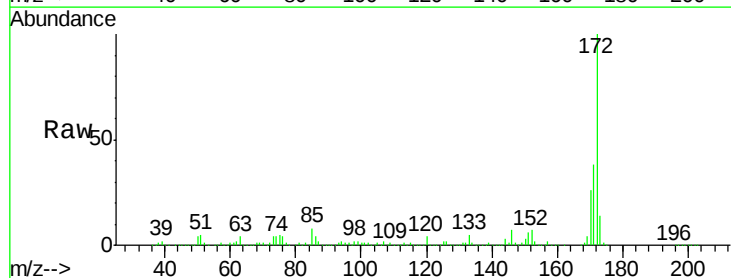


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

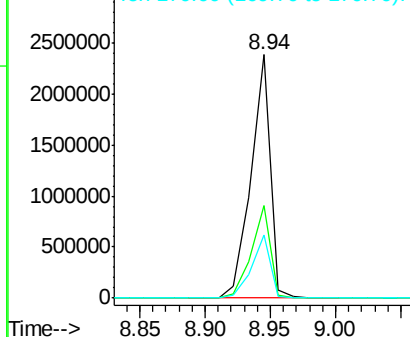
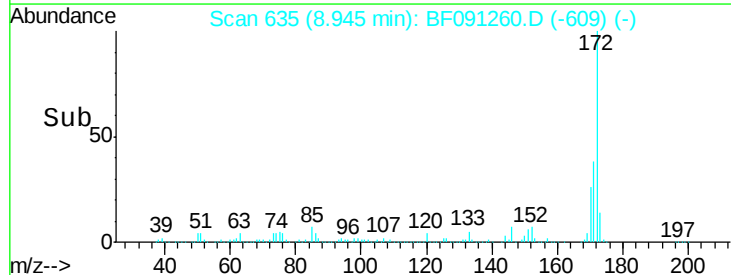


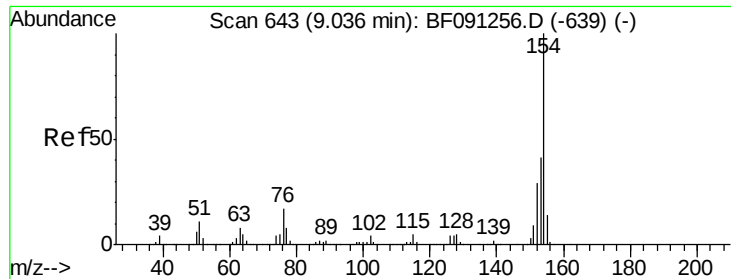
#44
 2-Fluorobiphenyl
 Concen: 80.55 ng
 RT: 8.94 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Tgt Ion:172 Resp: 2474765
 Ion Ratio 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

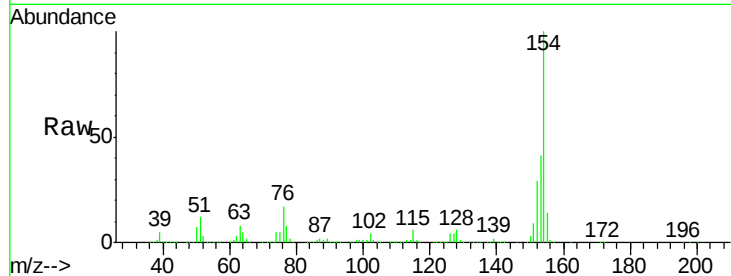




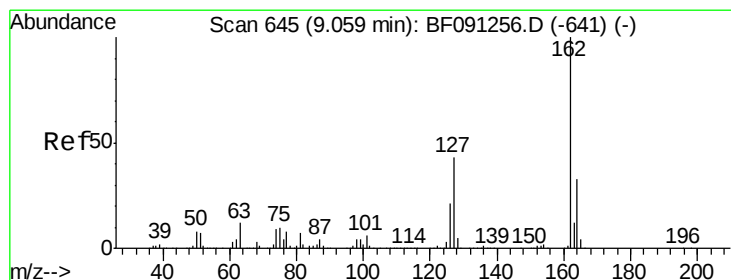
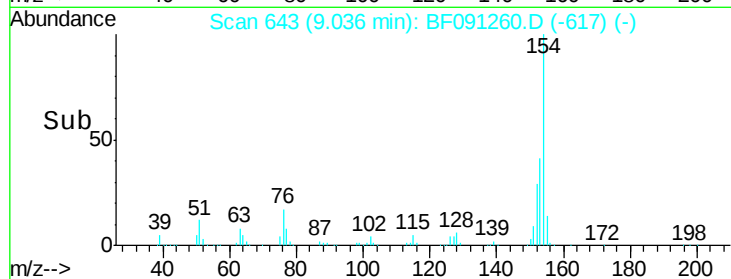
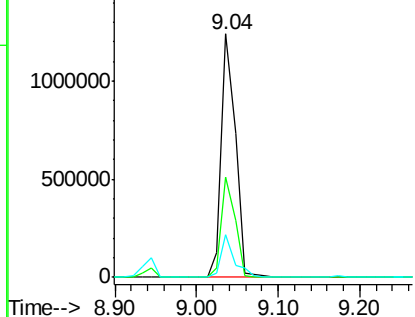
#45
 1,1'-Biphenyl
 Concen: 39.11 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

Tgt Ion:154 Resp: 1480402
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 17.5 0.0 36.6

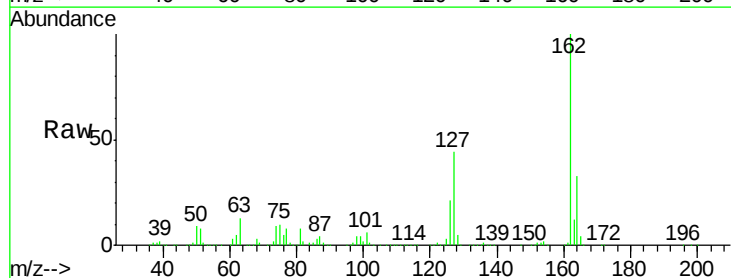


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

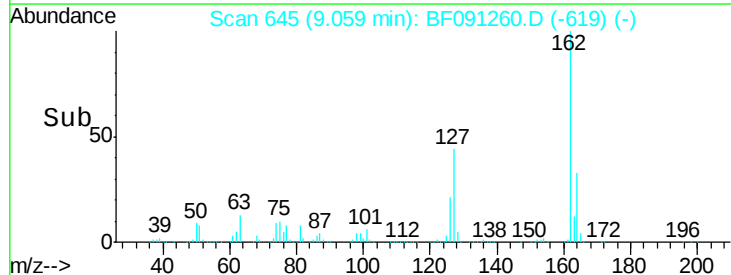
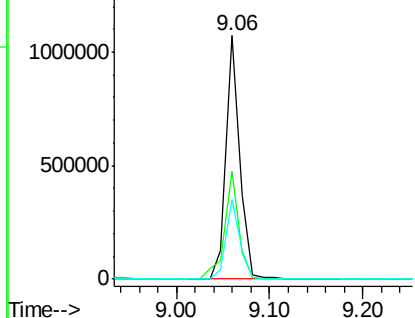


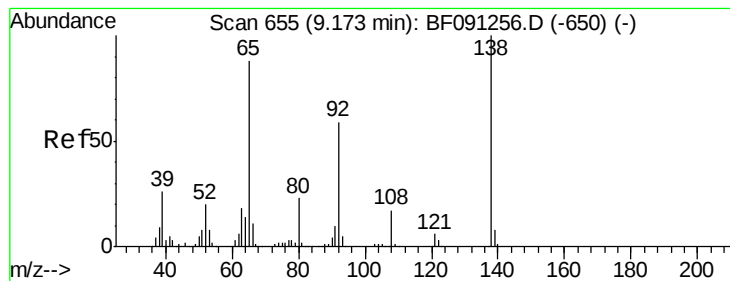
#46
 2-Chloronaphthalene
 Concen: 38.34 ng
 RT: 9.06 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

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: 47.77 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

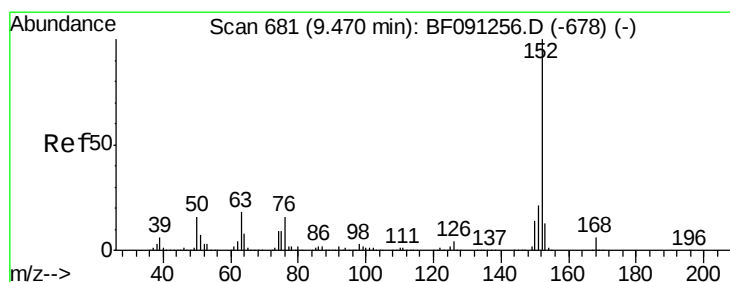
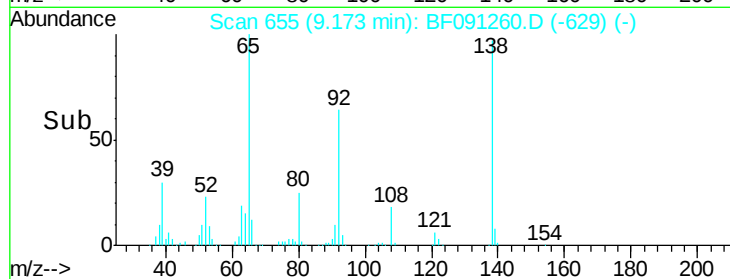
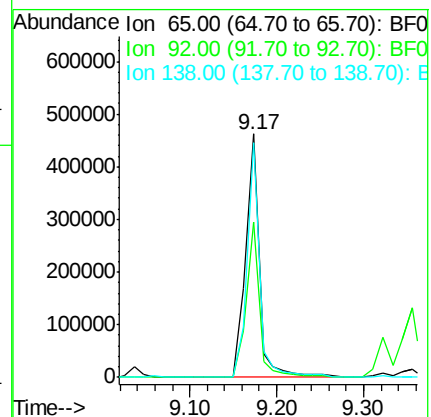
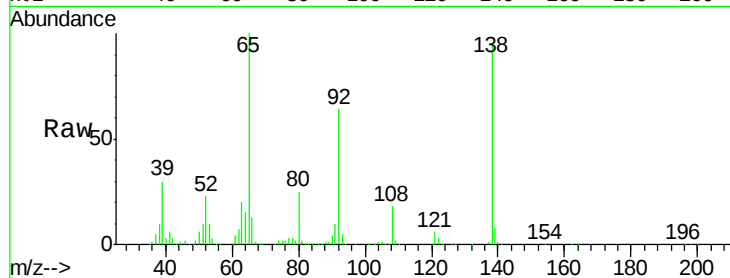
Tgt Ion: 65 Resp: 508929

Ion Ratio Lower Upper

65 100

92 63.6 53.6 80.4

138 96.3 91.0 136.6



#48

Acenaphthylene

Concen: 38.44 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

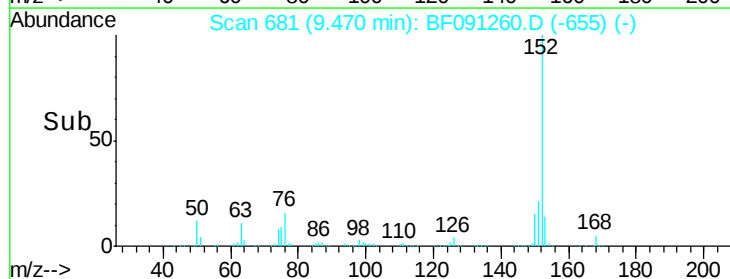
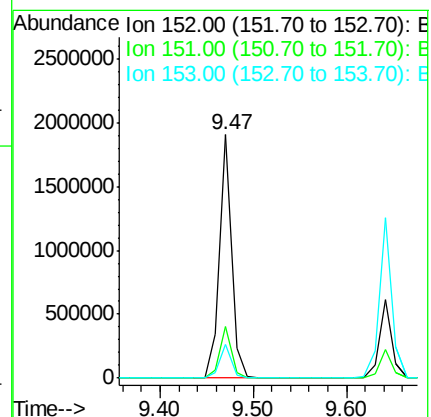
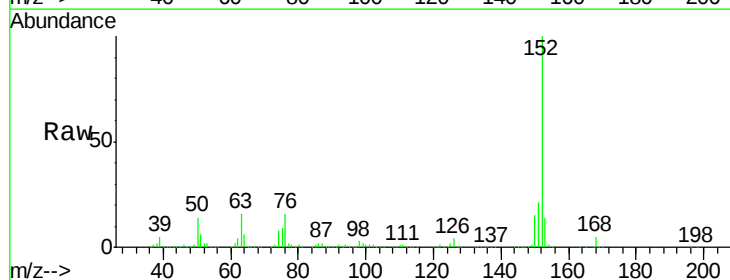
Tgt Ion: 152 Resp: 1732634

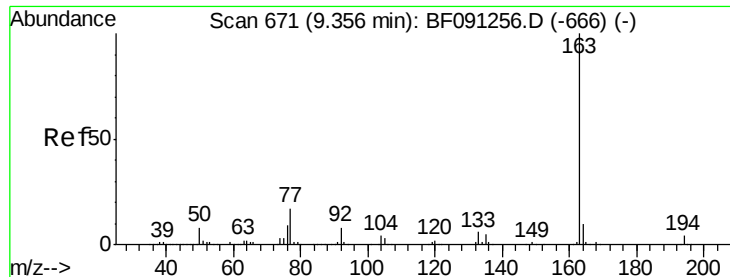
Ion Ratio Lower Upper

152 100

151 21.3 16.6 24.8

153 14.0 10.7 16.1

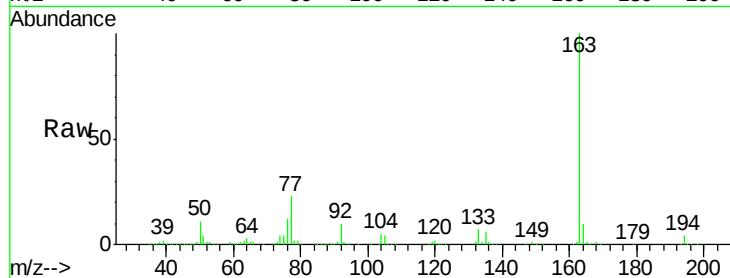




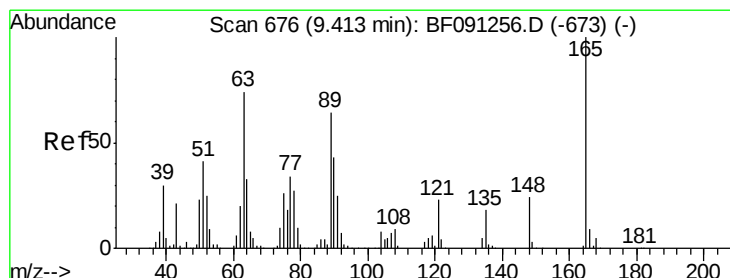
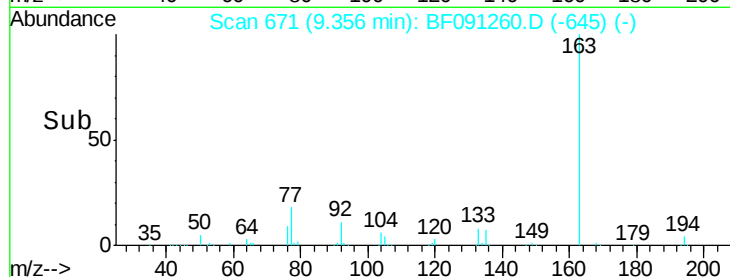
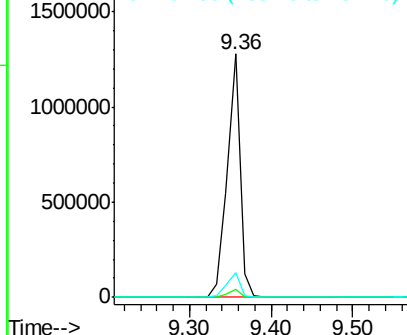
#49
Dimethylphthalate
Concen: 40.48 ng
RT: 9.36 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Instrument :
BNA_F
ClientSampleId :
ICVBF112116

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

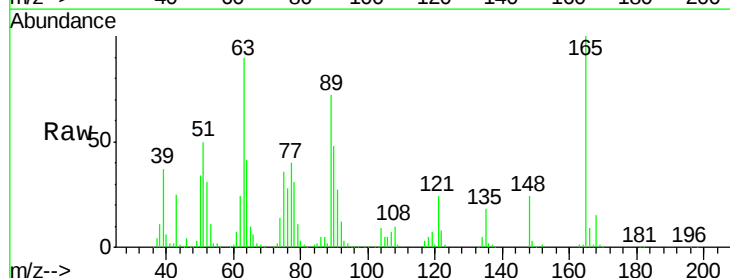


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

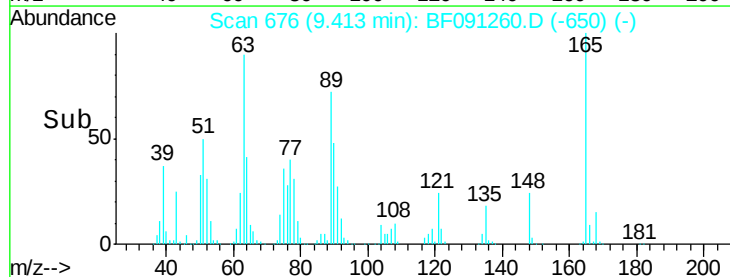
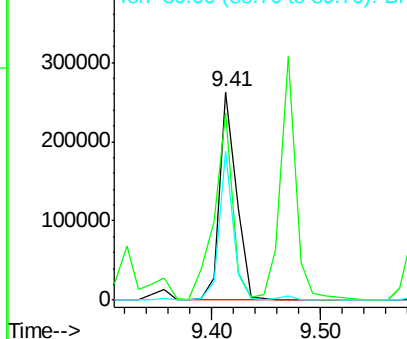


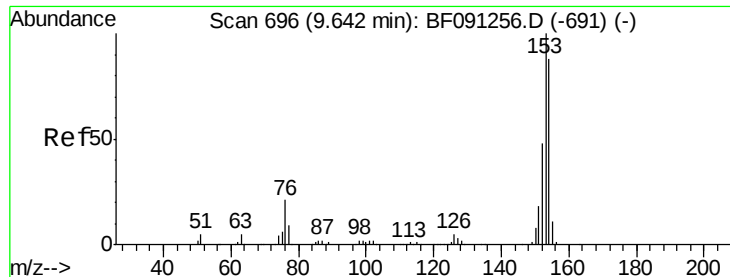
#50
2,6-Dinitrotoluene
Concen: 38.30 ng
RT: 9.41 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

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: 36.41 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

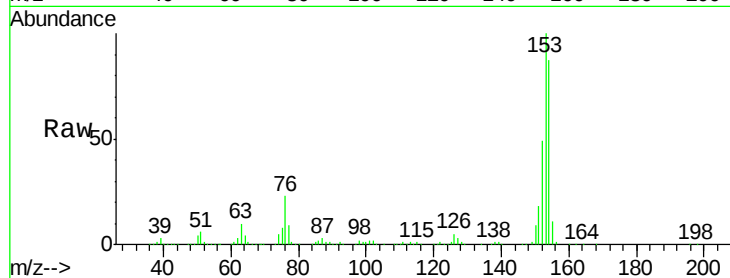
Tgt Ion:154 Resp: 1036053

Ion Ratio Lower Upper

154 100

153 115.0 91.0 136.6

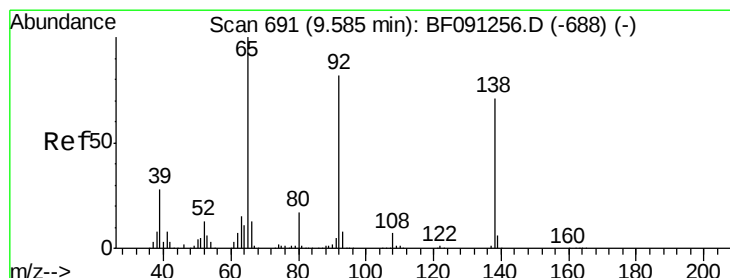
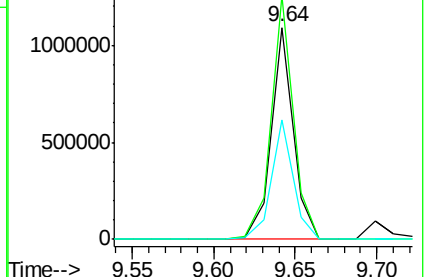
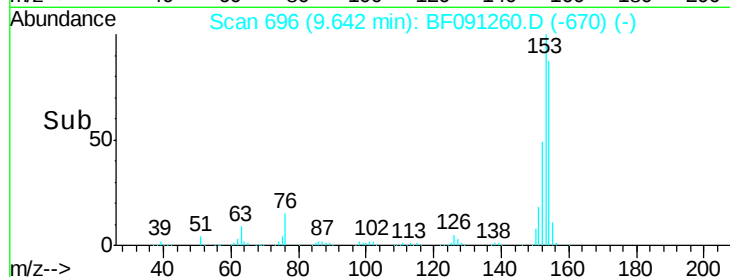
152 56.3 44.2 66.2



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: 38.77 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

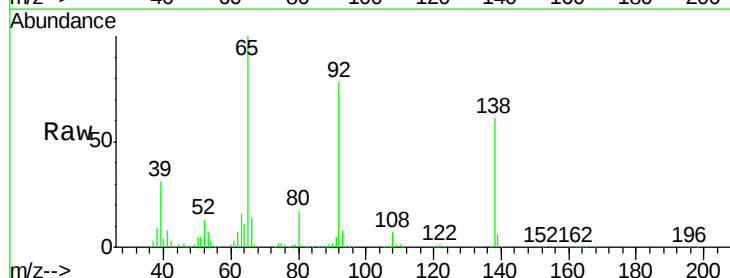
Tgt Ion:138 Resp: 337129

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

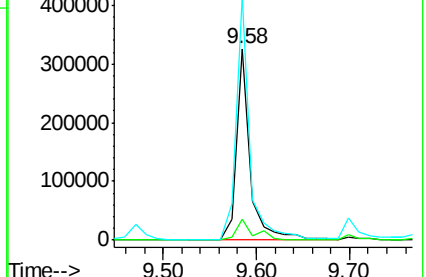
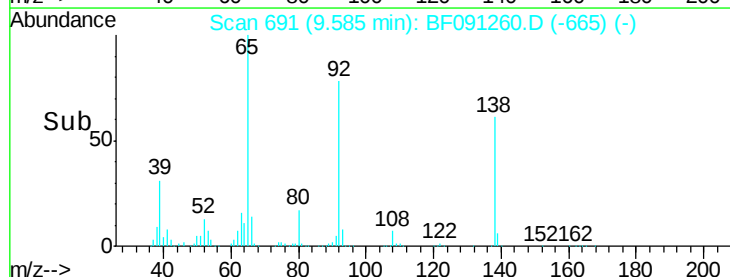
92 127.2 92.5 138.7

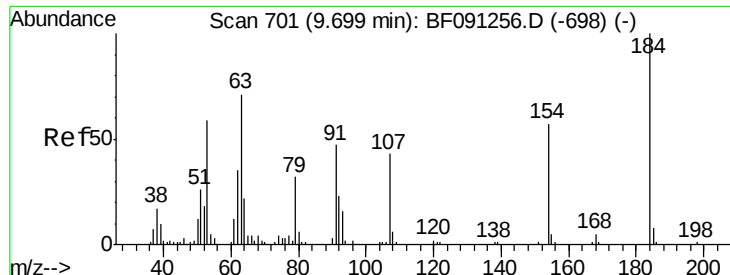


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

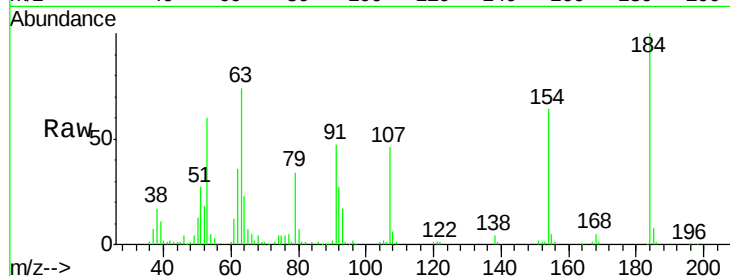




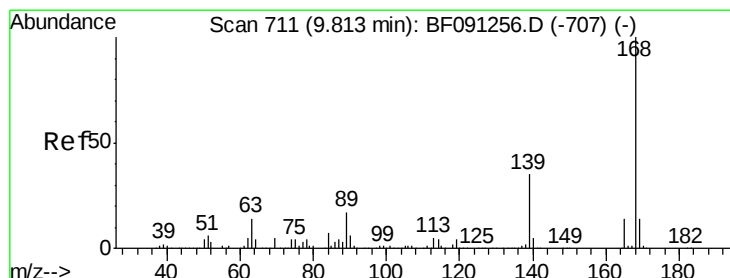
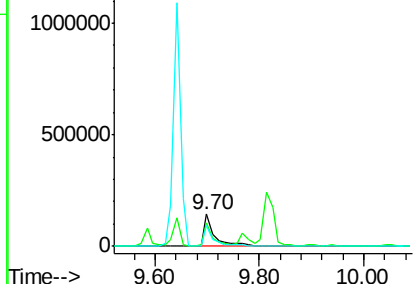
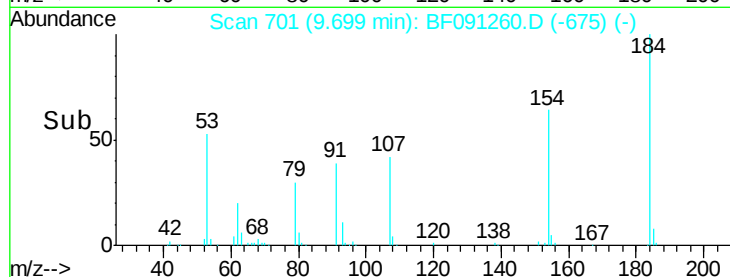
#53
2,4-Dinitrophenol
Concen: 60.00 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Instrument :
BNA_F
ClientSampleId :
ICVBF112116

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

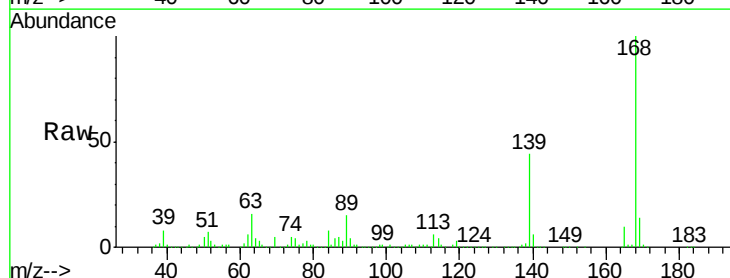


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

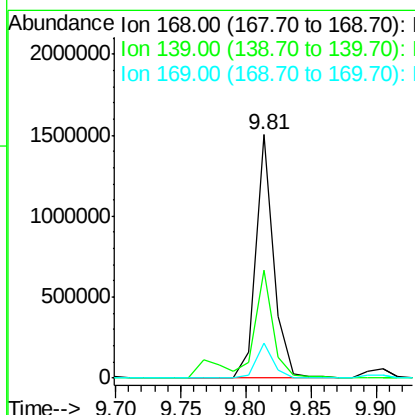
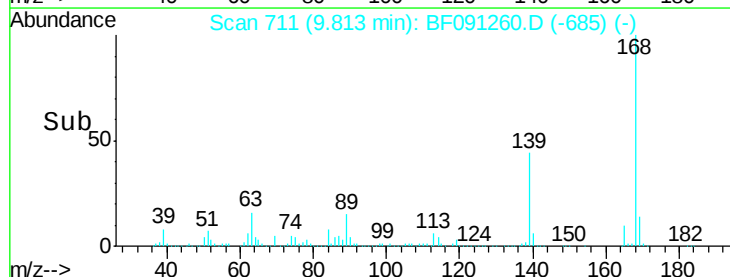


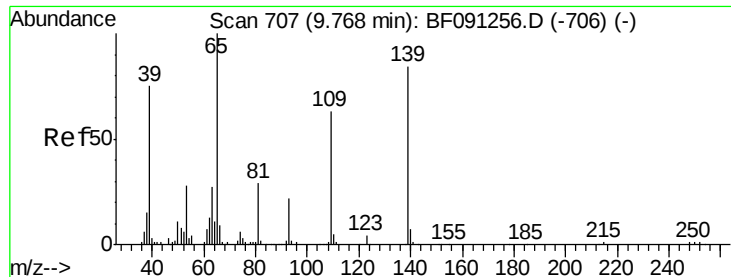
#54
Dibenzofuran
Concen: 37.45 ng
RT: 9.81 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

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: 180.71 ng

RT: 9.81 min Scan# 711

Delta R.T. 0.05 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

Instrument :

BNA_F

ClientSampleId :

ICVBF112116

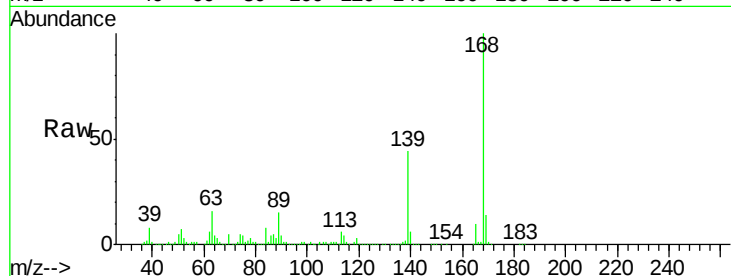
Tgt Ion:139 Resp: 816369

Ion Ratio Lower Upper

139 100

109 2.4 54.9 94.9#

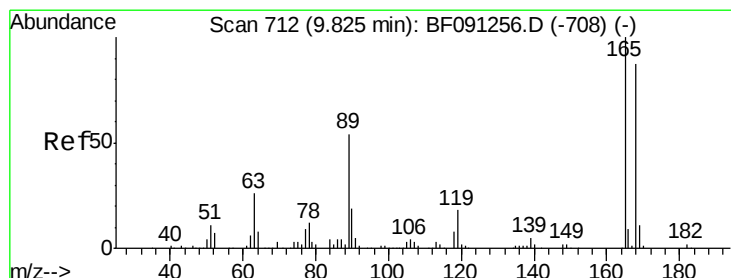
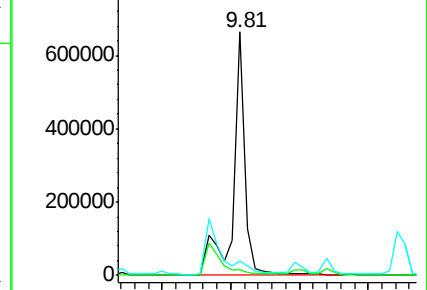
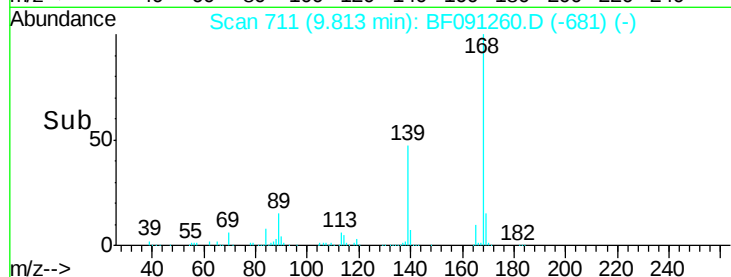
65 6.0 102.2 142.2#



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: 46.31 ng

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

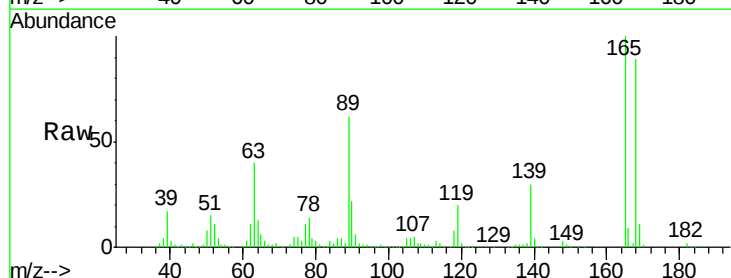
Ion Ratio Lower Upper

165 100

63 40.4 29.0 43.4

89 61.8 43.1 64.7

182 2.4 1.9 2.9

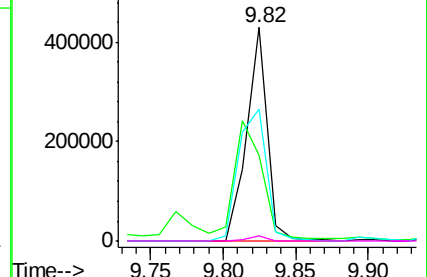
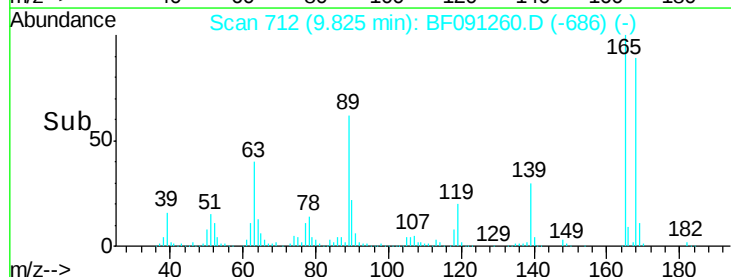


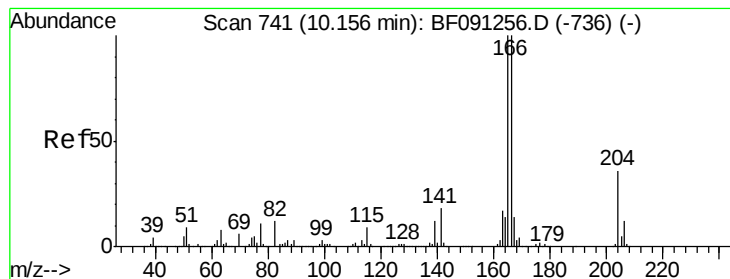
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.13 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

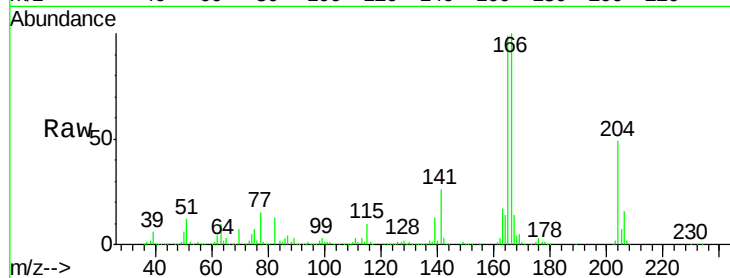
Tgt Ion:166 Resp: 1191131

Ion Ratio Lower Upper

166 100

165 98.9 80.0 120.0

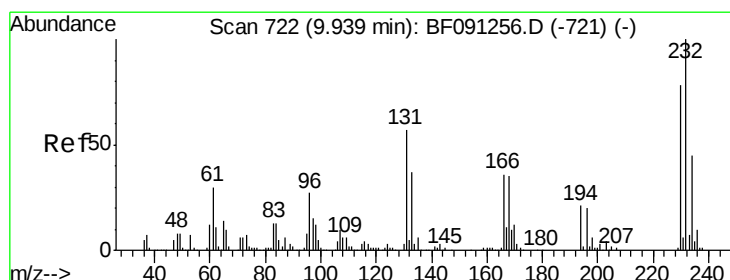
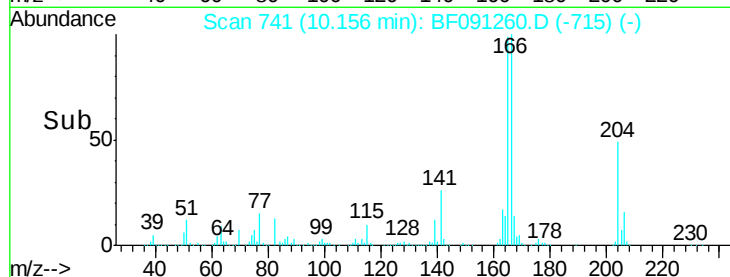
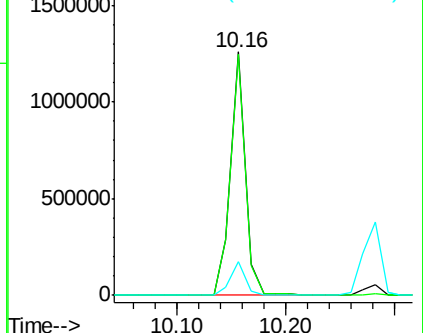
167 13.7 10.8 16.2



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: 46.21 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

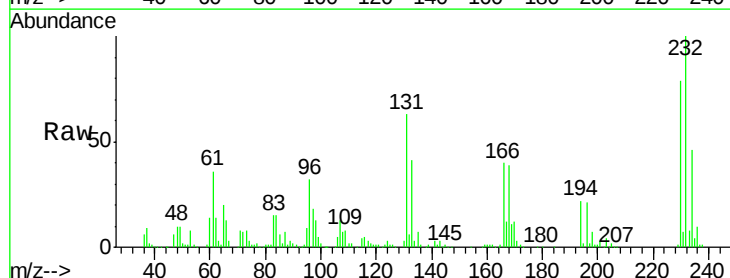
Ion Ratio Lower Upper

232 100

131 46.7 38.4 57.6

130 2.1 1.8 2.8

166 30.2 23.9 35.9

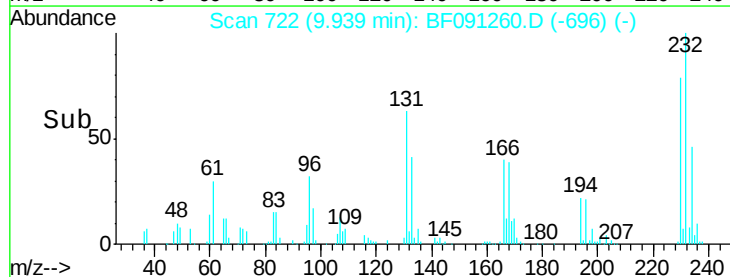
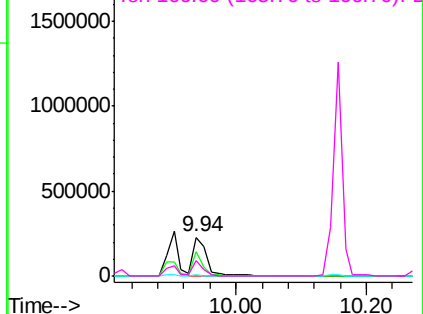


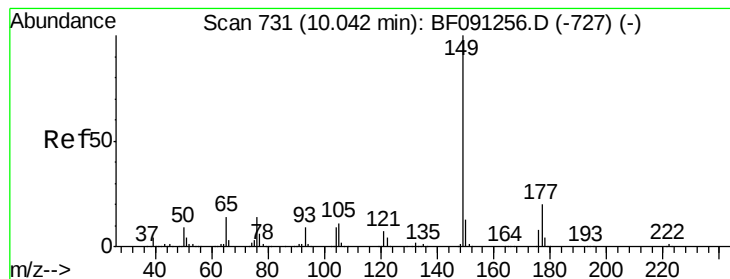
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.83 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

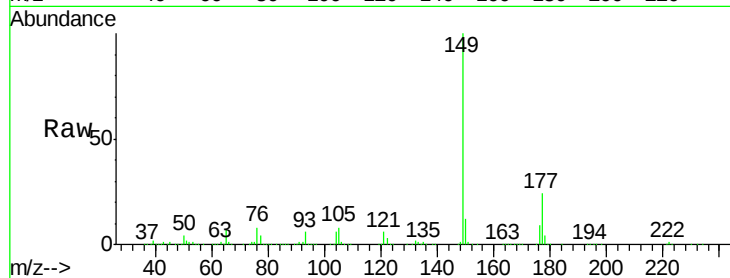
Tgt Ion:149 Resp: 1406772

Ion Ratio Lower Upper

149 100

177 23.9 15.7 23.5#

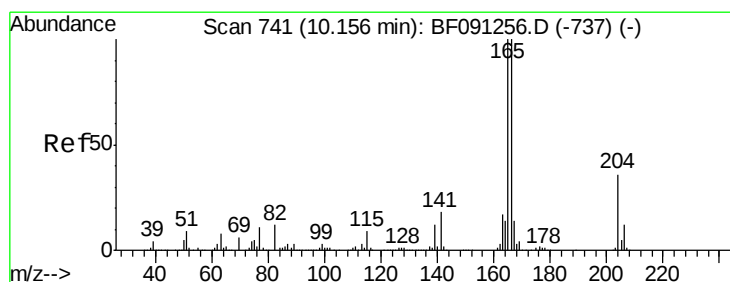
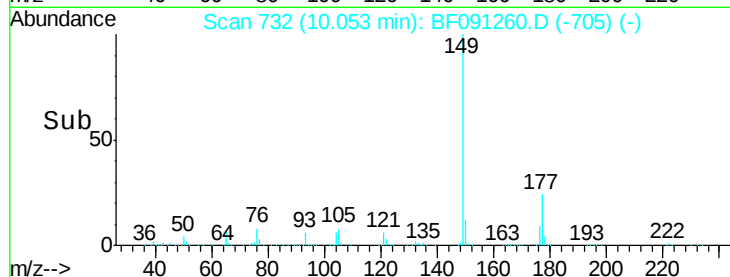
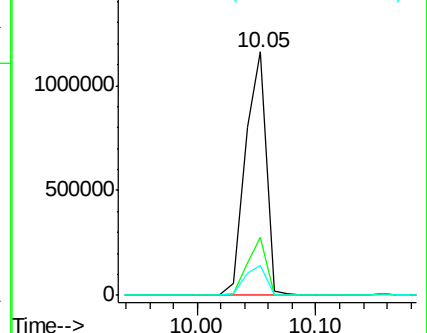
150 12.2 10.2 15.2



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: 43.35 ng

RT: 10.16 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

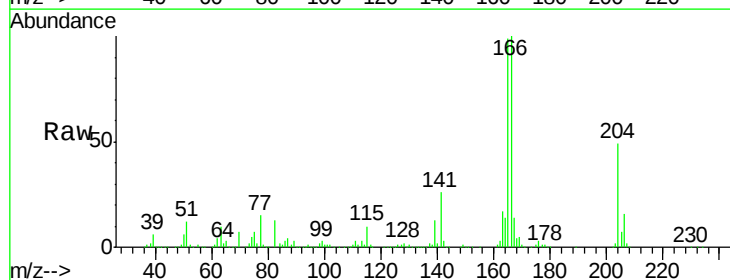
Tgt Ion:204 Resp: 606603

Ion Ratio Lower Upper

204 100

206 32.9 26.1 39.1

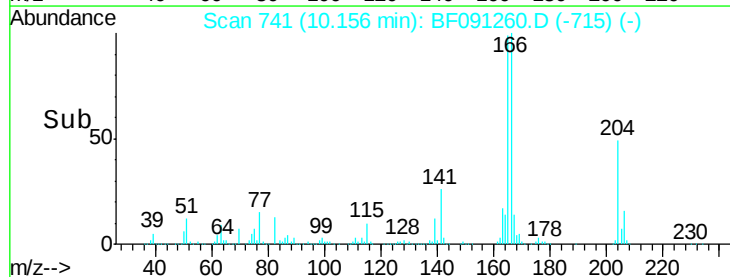
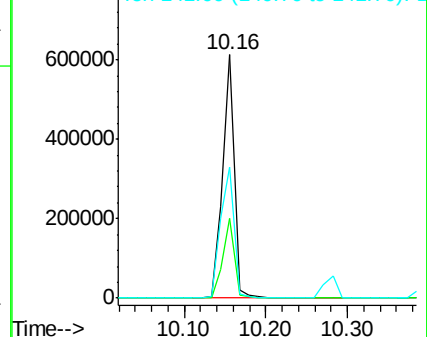
141 53.8 40.6 61.0

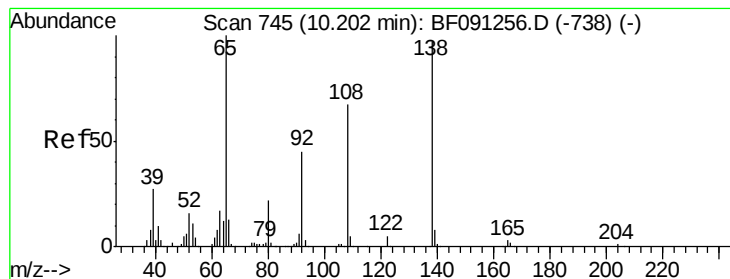


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.57 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

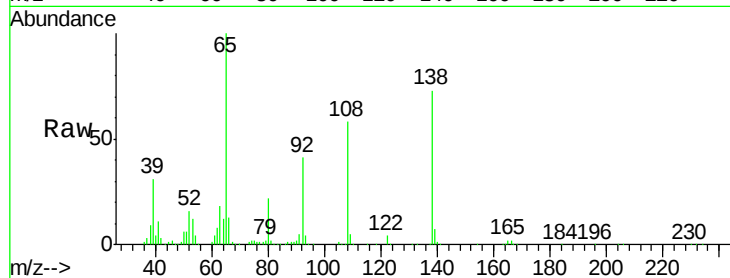
Tgt Ion:138 Resp: 345259

Ion Ratio Lower Upper

138 100

92 55.5 26.9 66.9

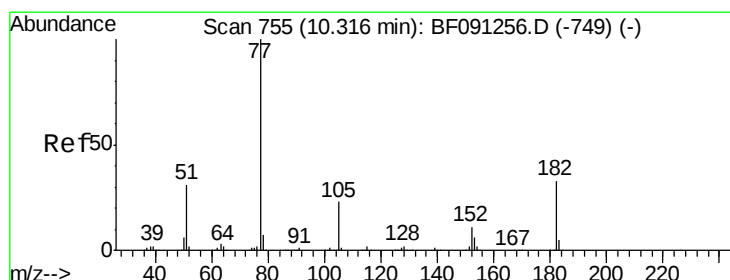
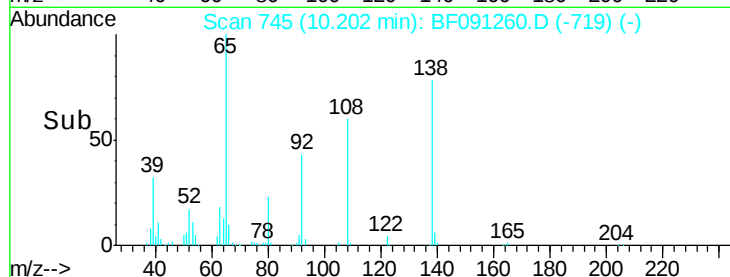
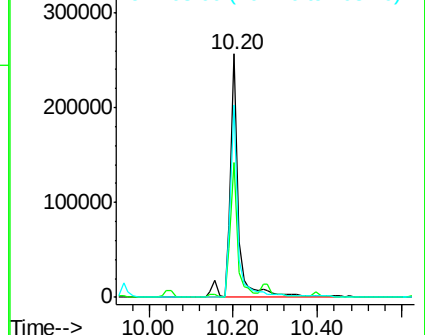
108 79.2 49.1 89.1



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: 40.28 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

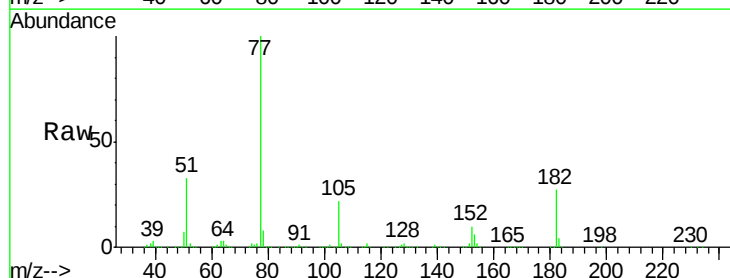
Ion Ratio Lower Upper

77 100

182 26.5 12.5 52.5

105 22.4 3.7 43.7

51 33.3 11.9 51.9

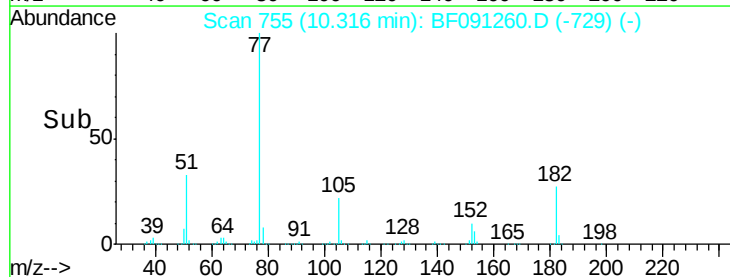
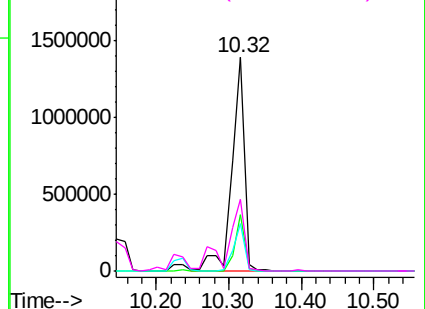


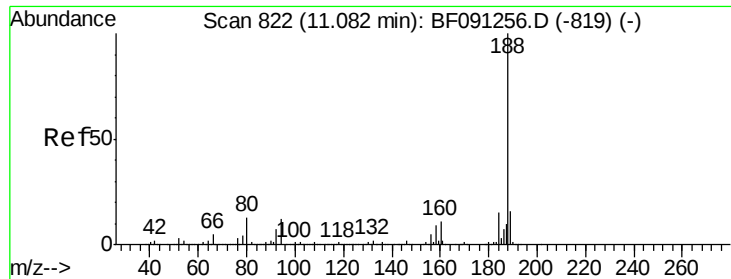
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

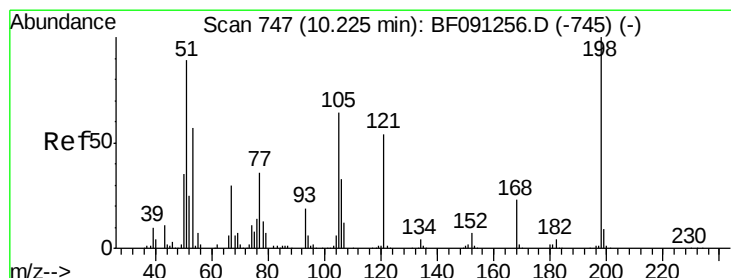
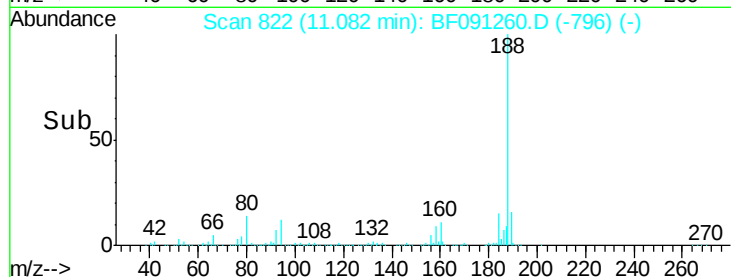
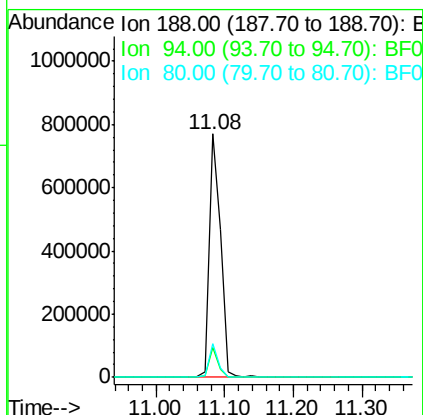
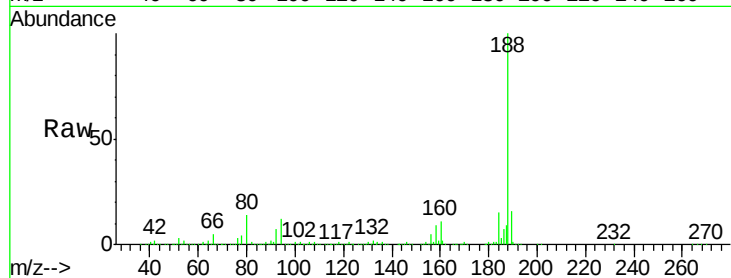




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

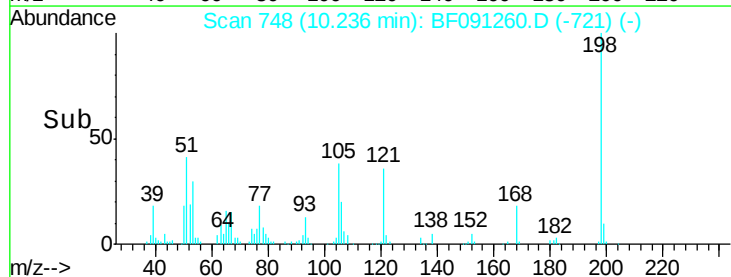
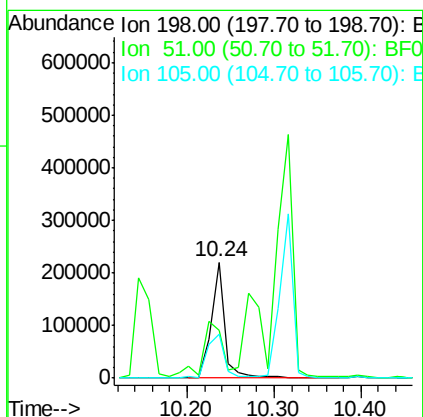
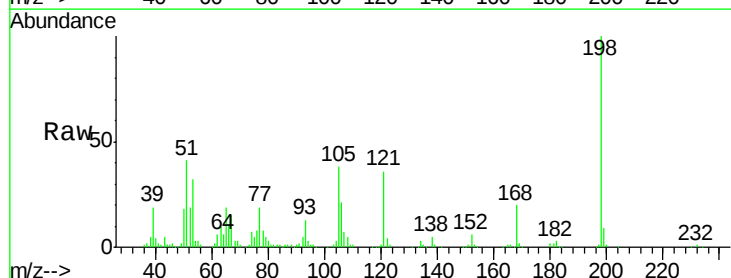
Instrument :
BNA_F
ClientSampleId :
ICVBF112116

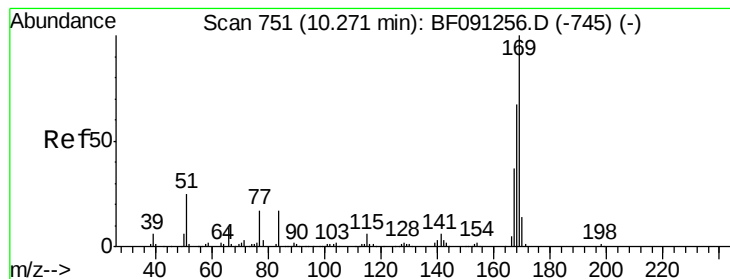
Tgt Ion:188 Resp: 889047
Ion Ratio Lower Upper
188 100
94 12.1 9.2 13.8
80 14.0 10.5 15.7



#64
4,6-Dinitro-2-methylphenol
Concen: 44.40 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#





#65

n-Nitrosodiphenylamine

Concen: 41.06 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

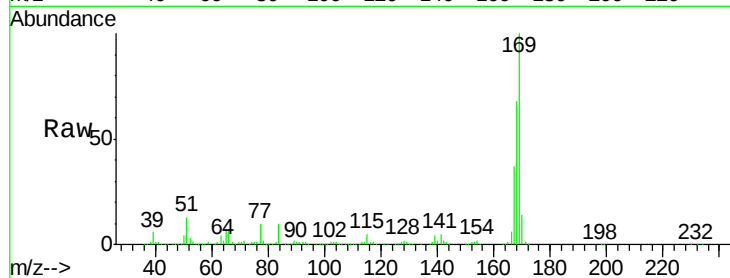
Tgt Ion:169 Resp: 1154834

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.8

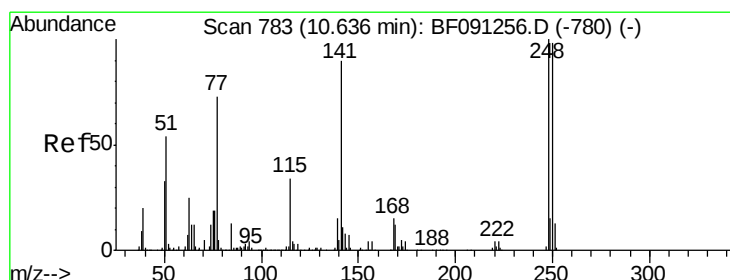
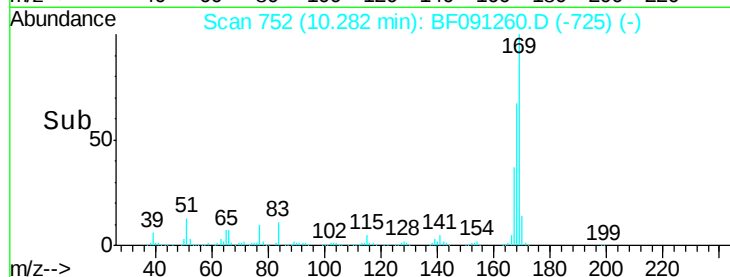
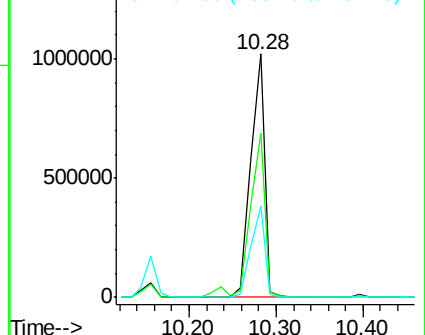
167 37.2 29.8 44.8



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: 39.52 ng

RT: 10.64 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

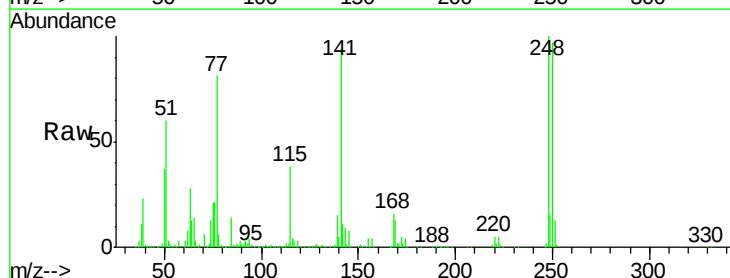
Tgt Ion:248 Resp: 368677

Ion Ratio Lower Upper

248 100

250 96.9 78.2 117.4

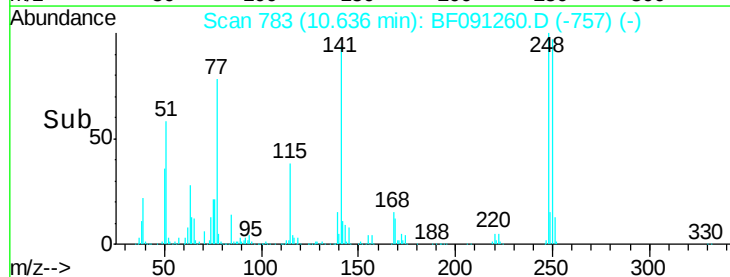
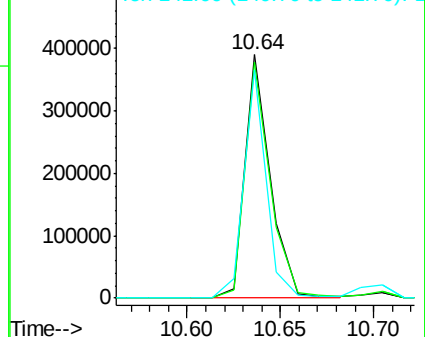
141 93.7 71.9 107.9

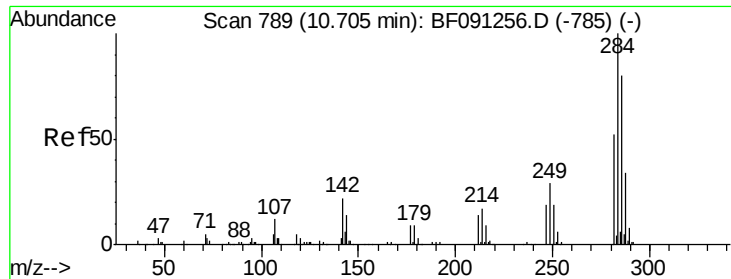


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

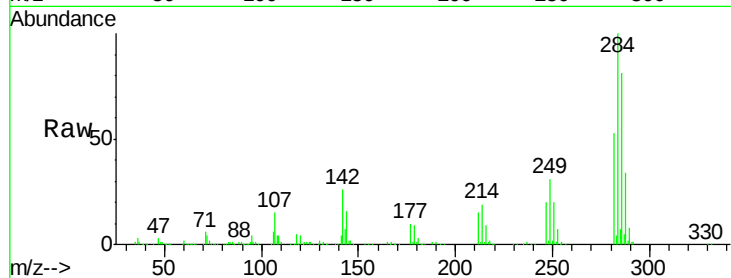




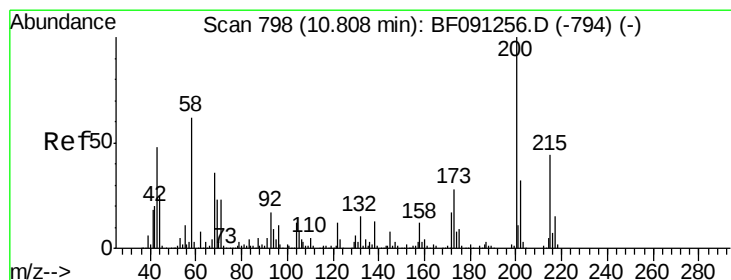
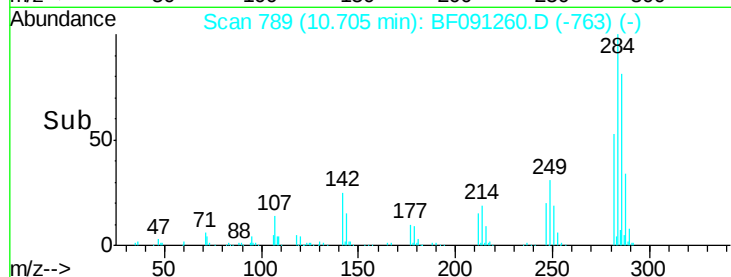
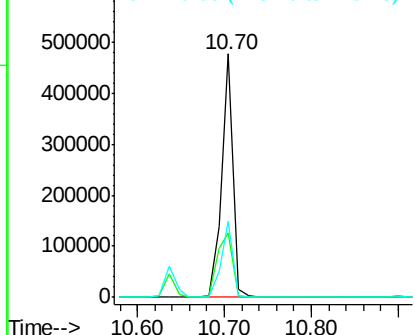
#67
Hexachlorobenzene
Concen: 43.45 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

Instrument :
BNA_F
ClientSampleId :
ICVBF112116

Tgt Ion:284 Resp: 440757
Ion Ratio Lower Upper
284 100
142 26.4 17.9 26.9
249 31.2 23.6 35.4

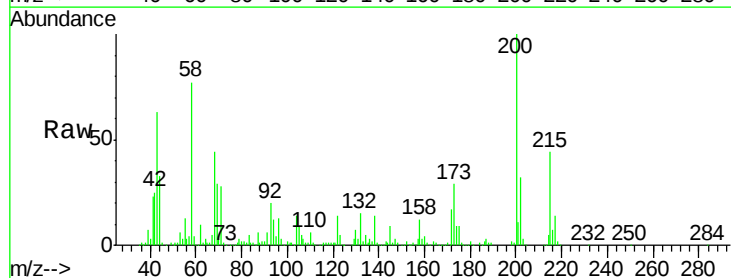


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

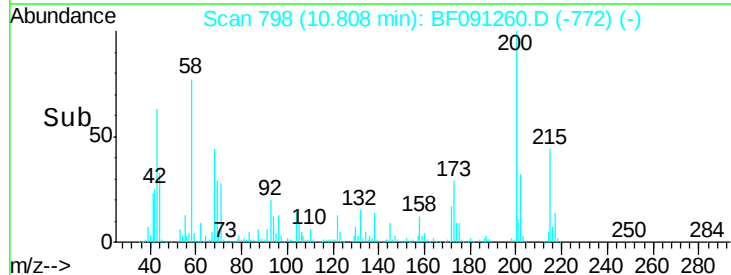
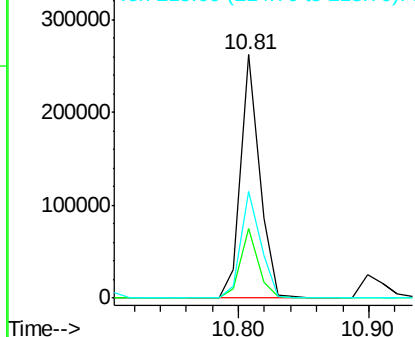


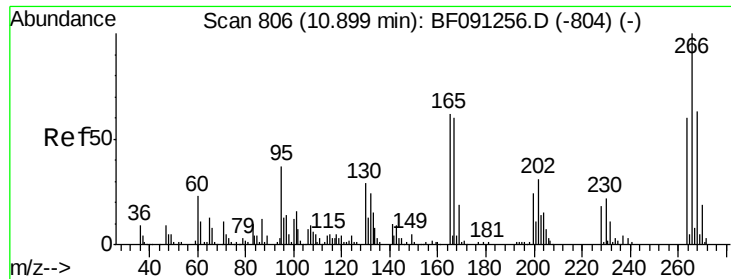
#68
Atrazine
Concen: 33.77 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

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

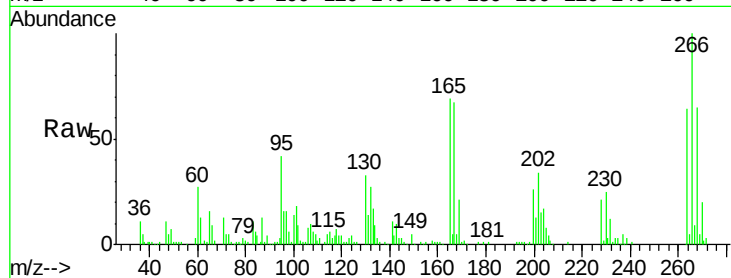




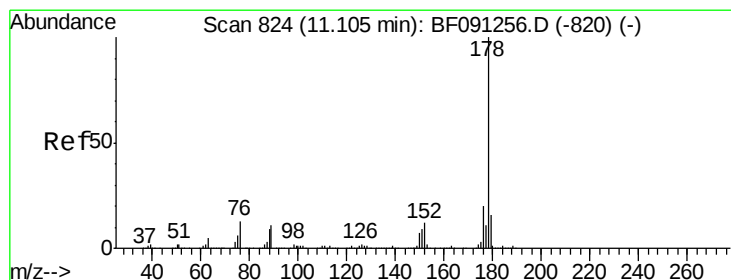
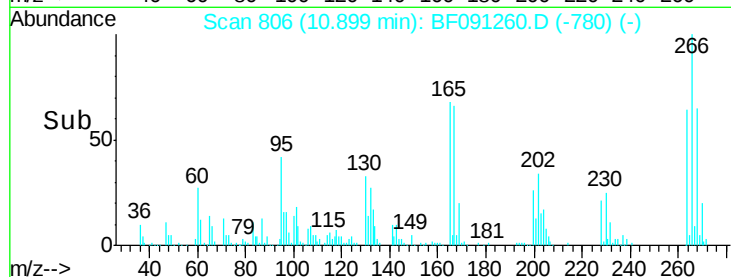
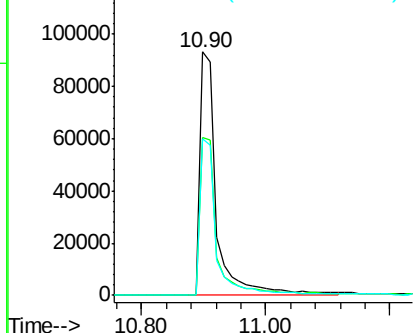
#69
 Pentachlorophenol
 Concen: 39.59 ng
 RT: 10.90 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

Tgt Ion:266 Resp: 175864
 Ion Ratio Lower Upper
 266 100
 268 64.9 50.3 75.5
 264 64.3 48.2 72.2

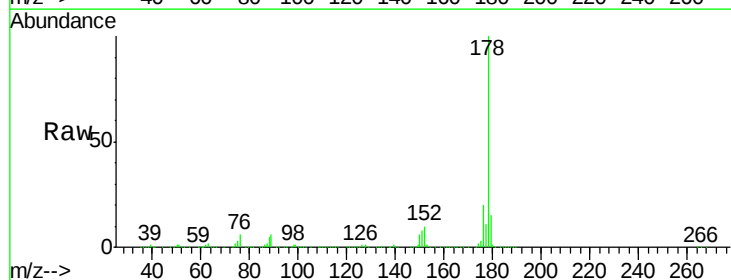


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

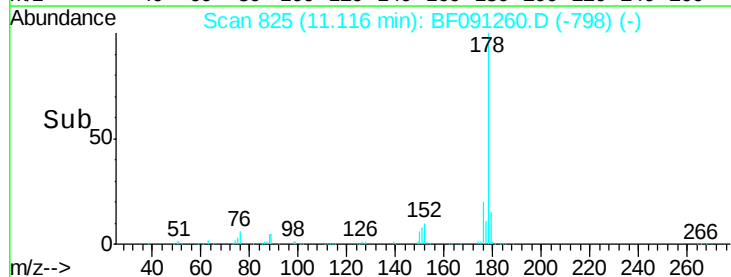
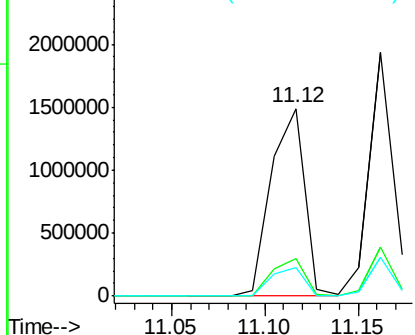


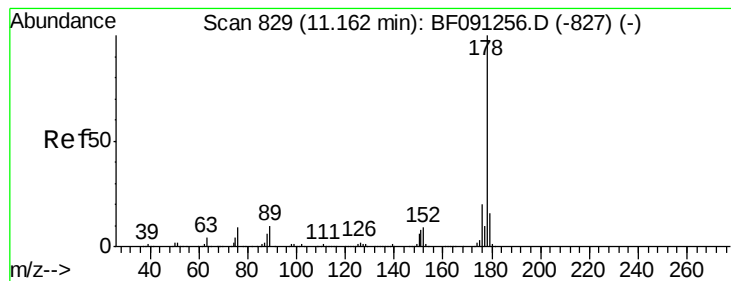
#70
 Phenanthrene
 Concen: 40.23 ng
 RT: 11.12 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

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: 35.66 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

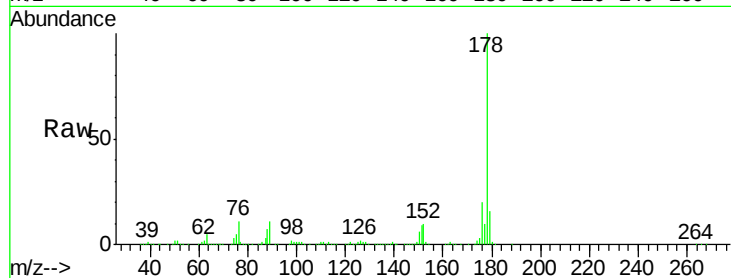
Tgt Ion:178 Resp: 1790927

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

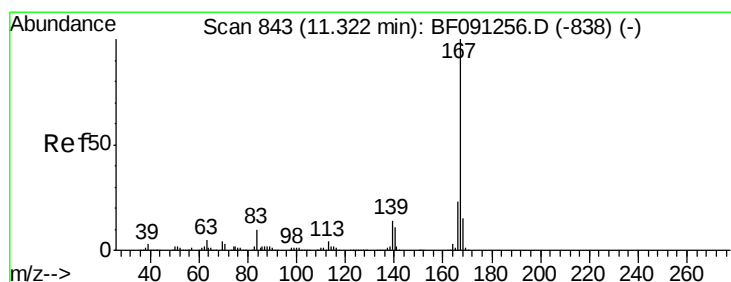
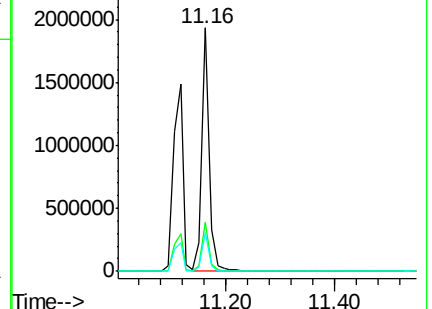
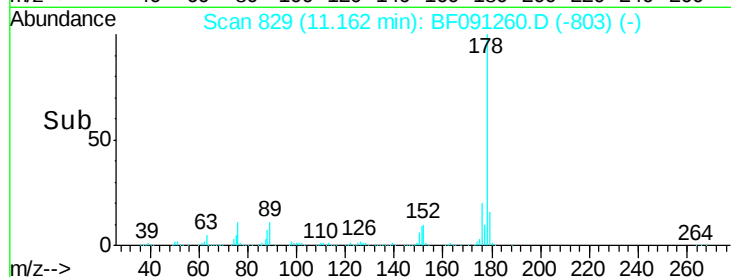
179 16.0 12.7 19.1



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: 35.32 ng

RT: 11.32 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

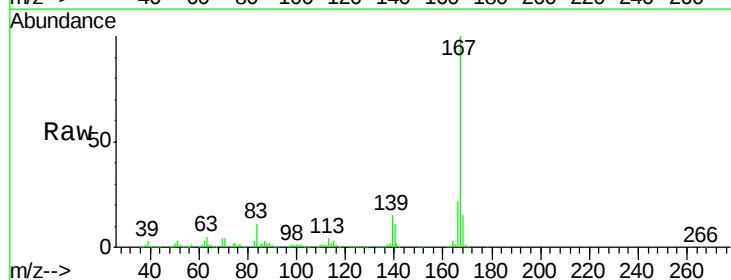
Tgt Ion:167 Resp: 1593029

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

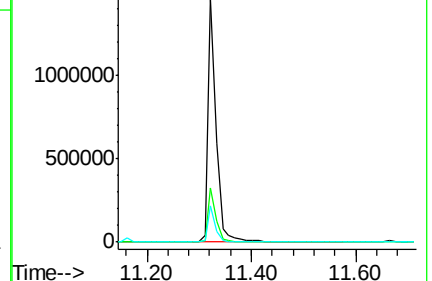
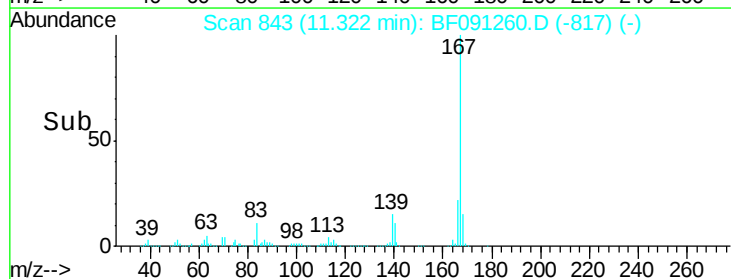
139 14.8 11.5 17.3

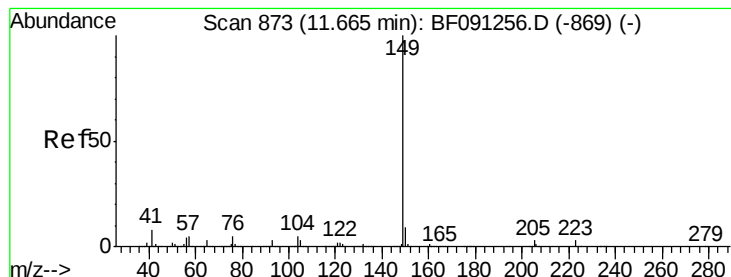


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.58 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

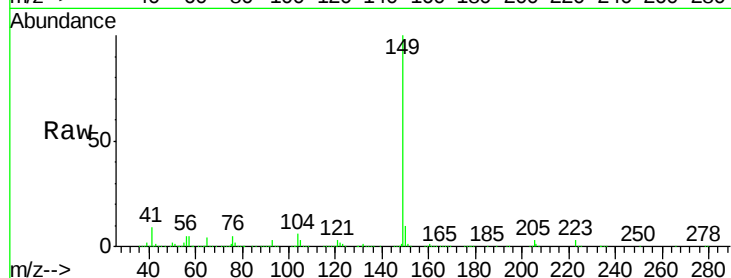
Tgt Ion:149 Resp: 2096181

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

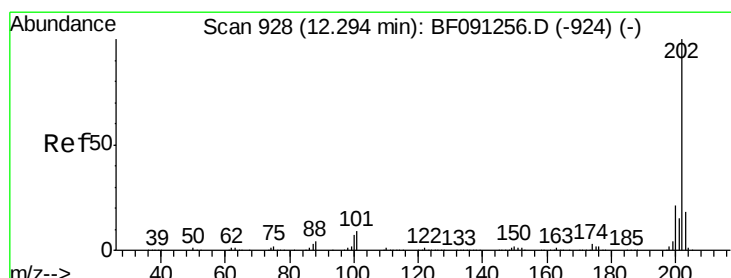
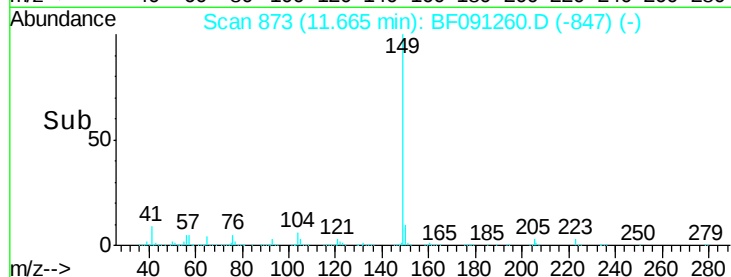
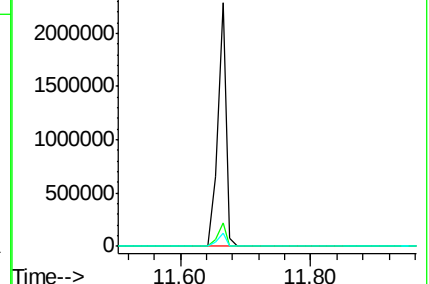
104 5.5 4.0 6.0



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: 39.62 ng

RT: 12.29 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

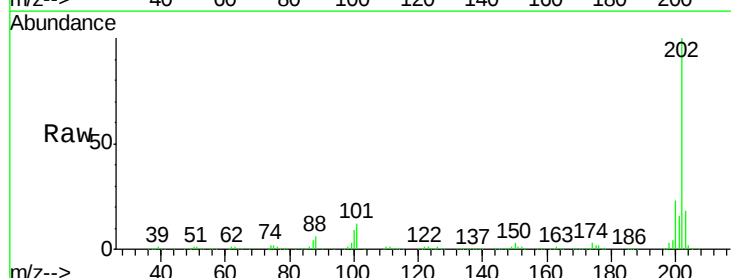
Tgt Ion:202 Resp: 1970345

Ion Ratio Lower Upper

202 100

101 12.3 0.0 29.5

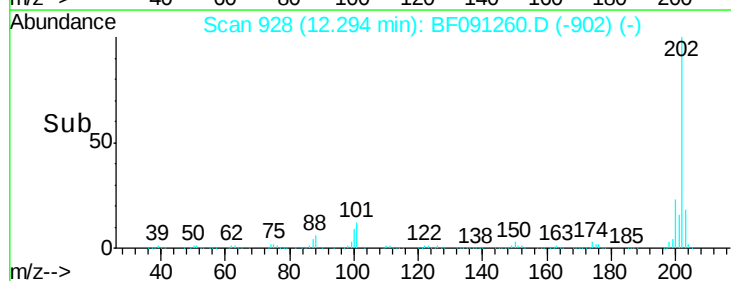
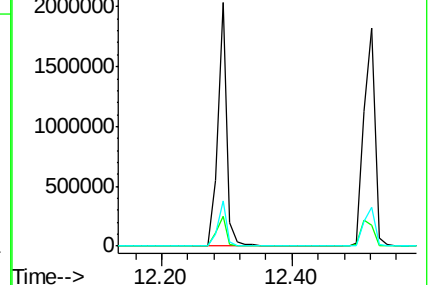
203 18.4 0.0 37.8

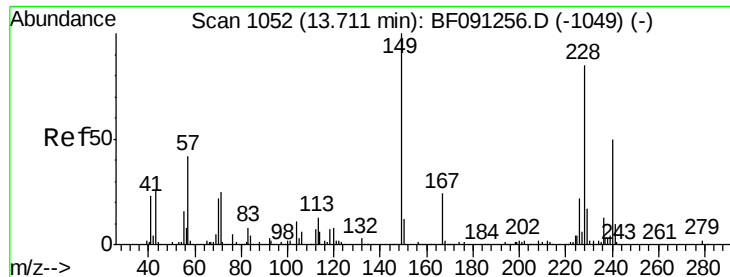


Abundance Ion 202.00 (201.70 to 202.70): E

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

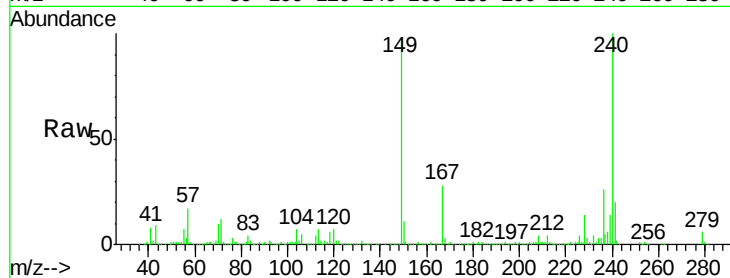
Tgt Ion:240 Resp: 647577

Ion Ratio Lower Upper

240 100

120 6.9 12.1 18.1#

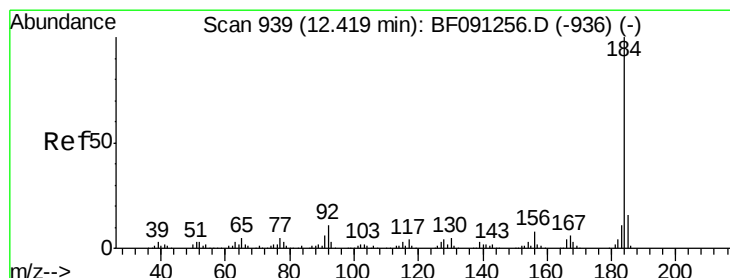
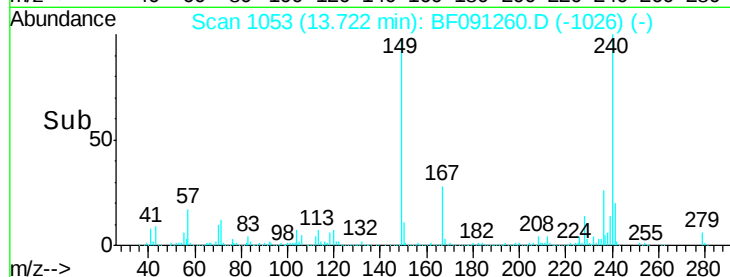
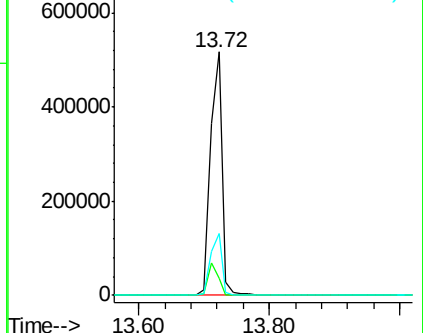
236 25.5 21.0 31.6



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: 34.56 ng

RT: 12.42 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

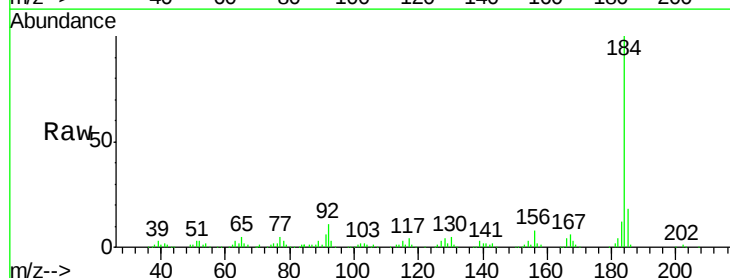
Tgt Ion:184 Resp: 502258

Ion Ratio Lower Upper

184 100

185 17.8 13.1 19.7

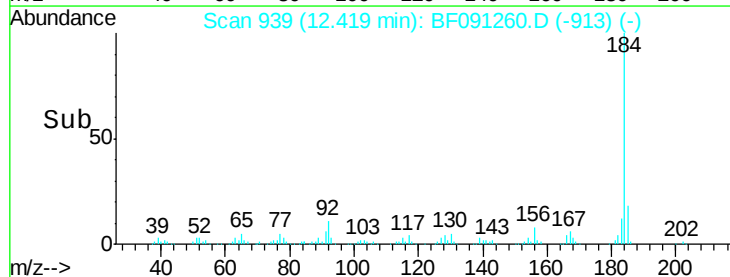
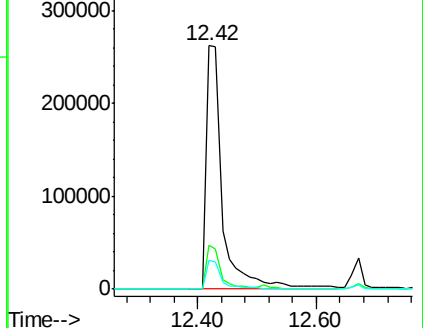
183 11.6 8.9 13.3

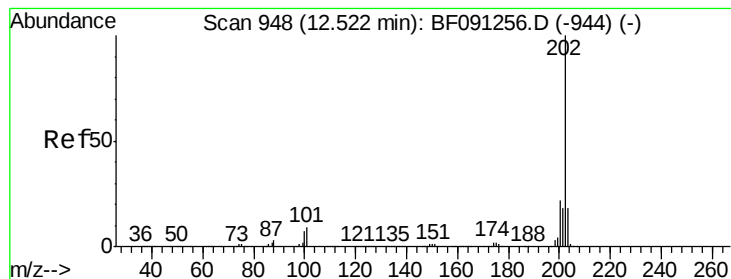


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.16 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

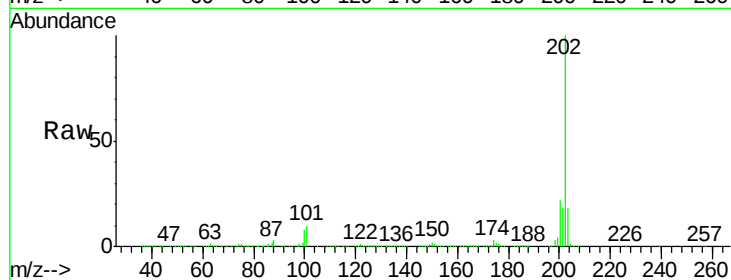
Tgt Ion:202 Resp: 2105912

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

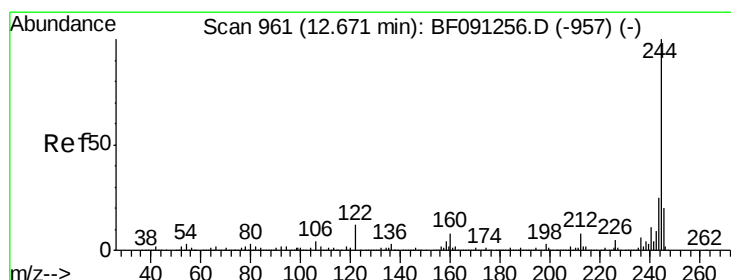
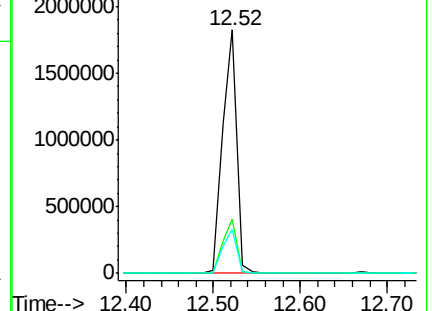
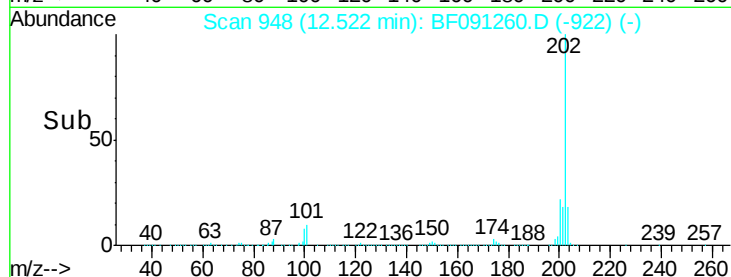
203 17.8 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.83 ng

RT: 12.67 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

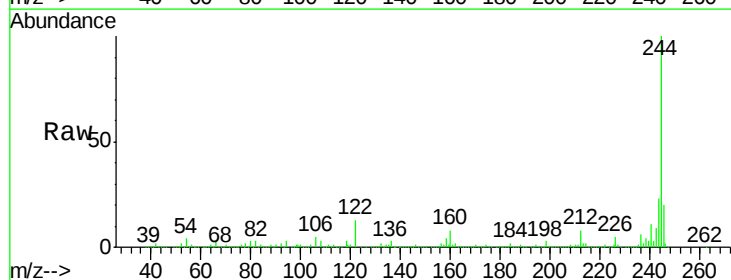
Tgt Ion:244 Resp: 2186864

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

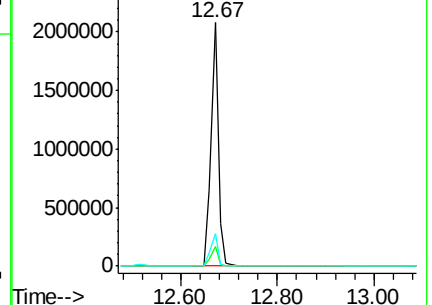
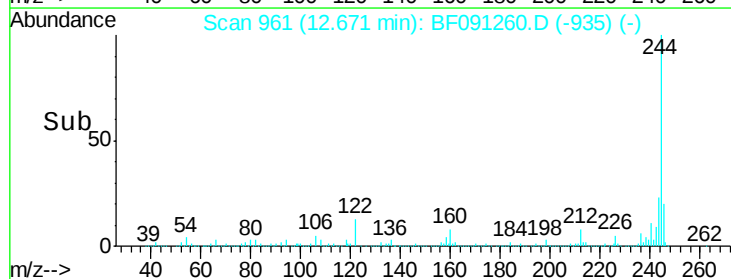
122 13.4 9.5 14.3

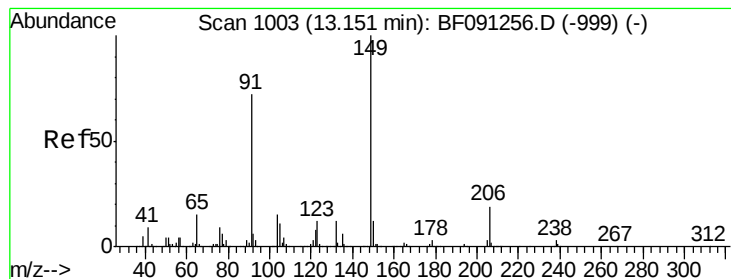


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.80 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

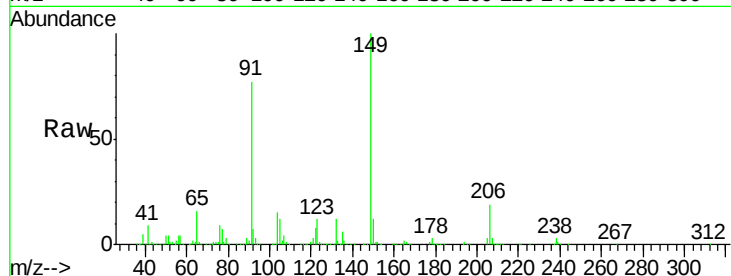
Tgt Ion:149 Resp: 919485

Ion Ratio Lower Upper

149 100

91 77.1 57.4 86.2

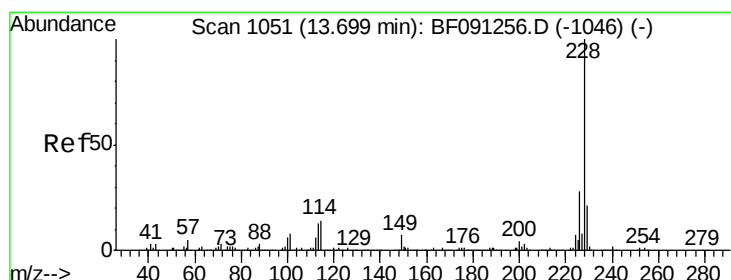
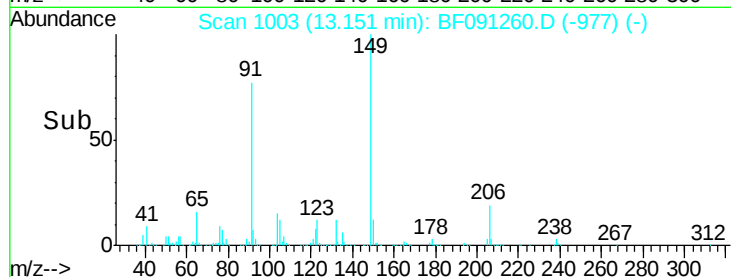
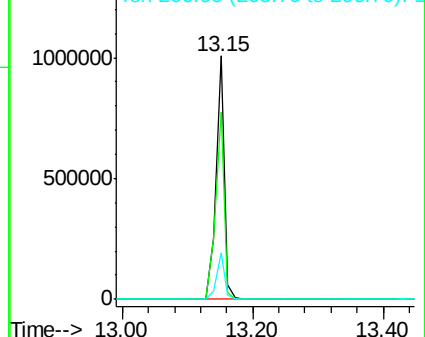
206 19.2 15.4 23.2



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: 43.74 ng

RT: 13.71 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

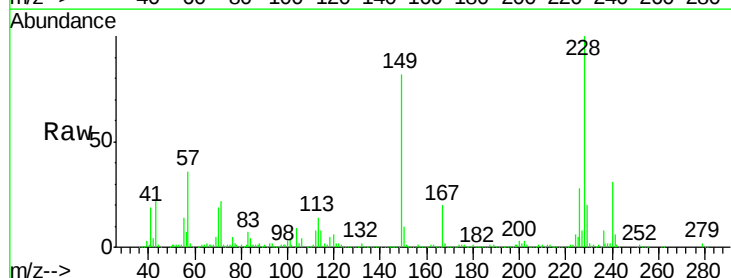
Tgt Ion:228 Resp: 1612480

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

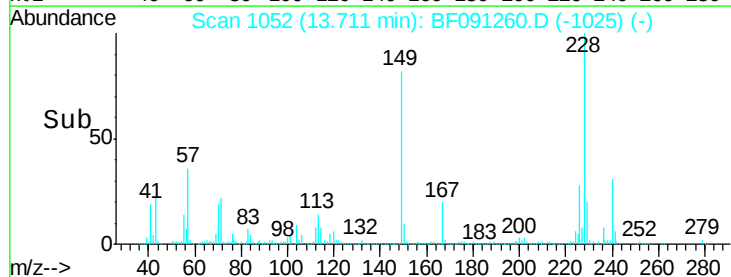
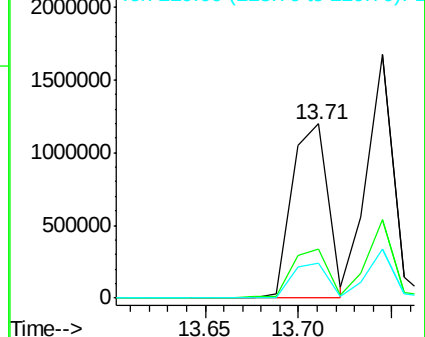
229 20.0 16.4 24.6

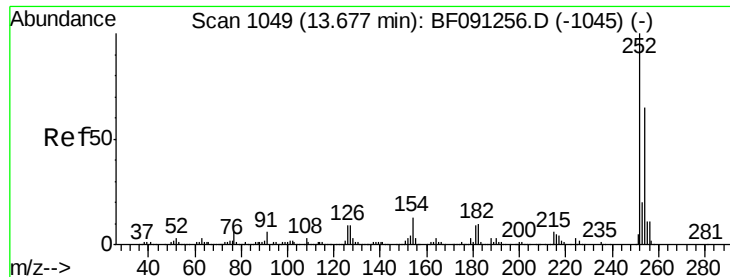


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

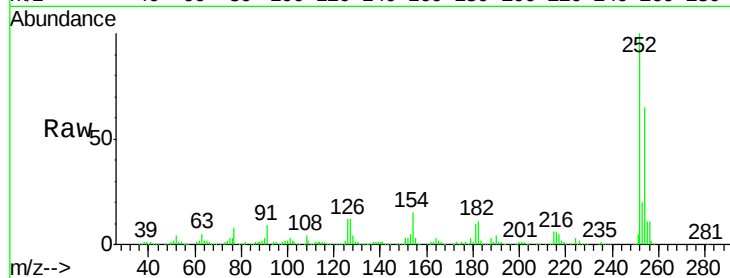




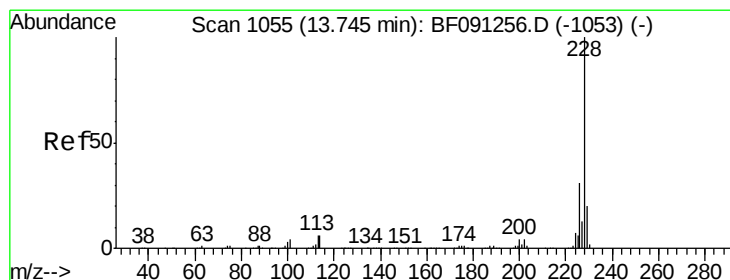
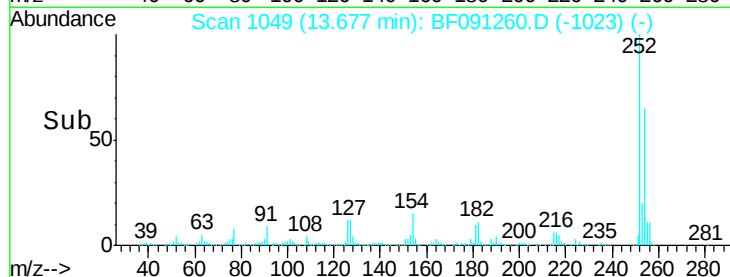
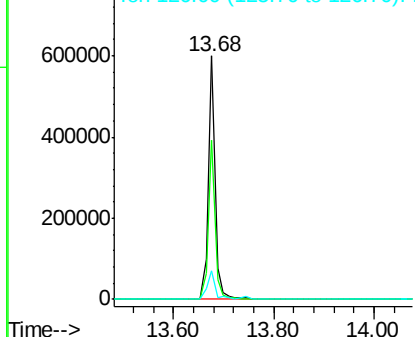
#81
 3,3'-Dichlorobenzidine
 Concen: 43.33 ng
 RT: 13.68 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

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

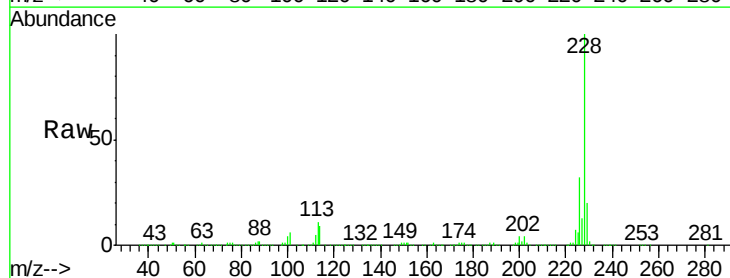


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

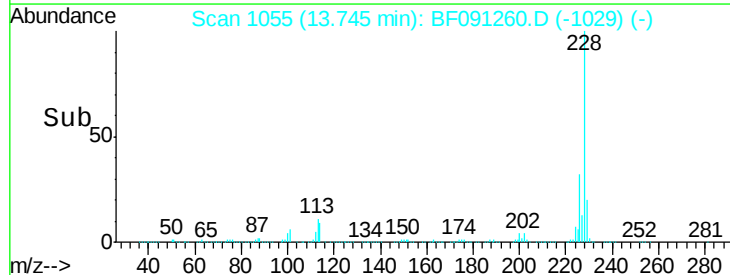
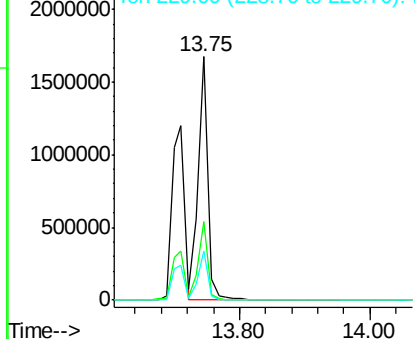


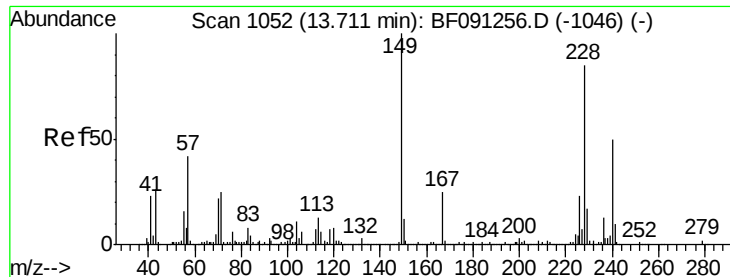
#82
 Chrysene
 Concen: 46.03 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

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

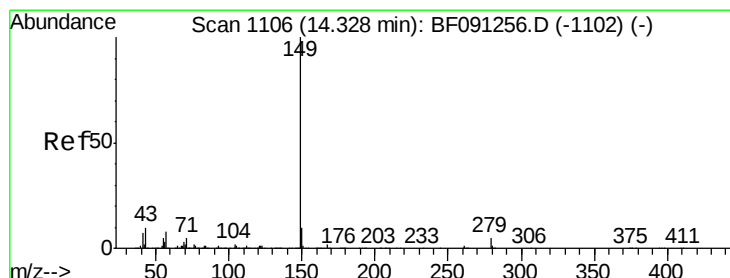
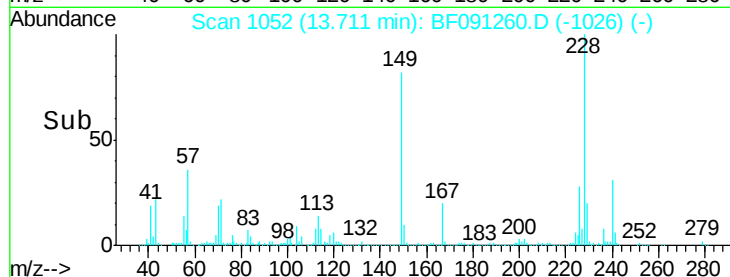
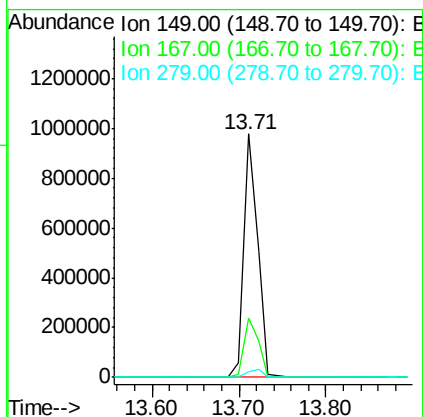
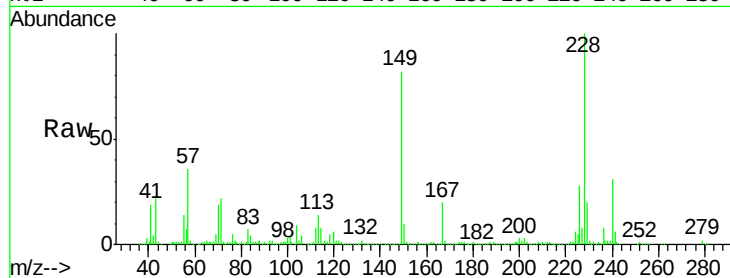




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.77 ng
 RT: 13.71 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

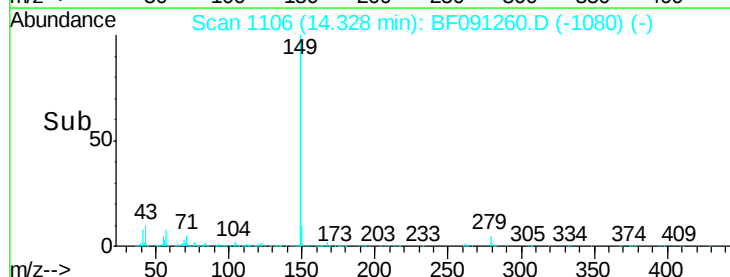
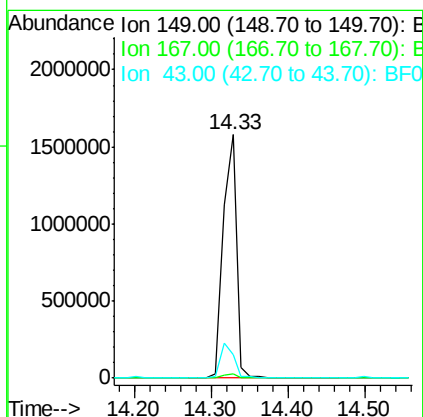
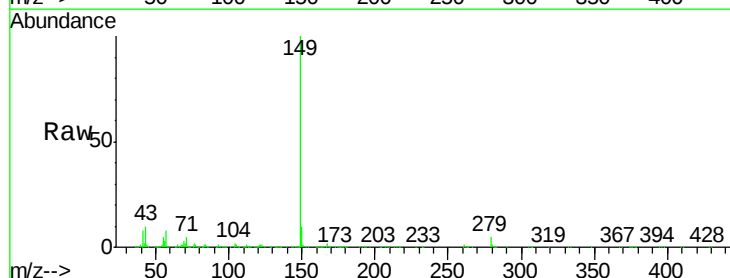
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

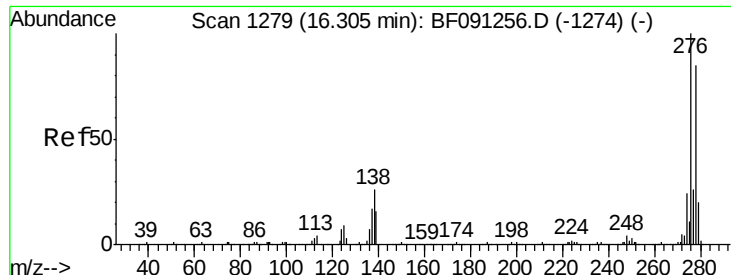
Tgt Ion:149 Resp: 1079703
 Ion Ratio Lower Upper
 149 100
 167 24.5 19.6 29.4
 279 2.3 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 43.48 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

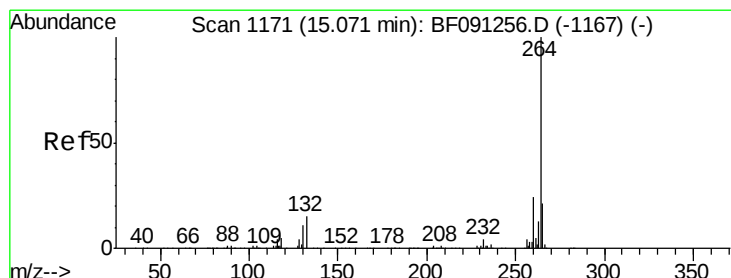
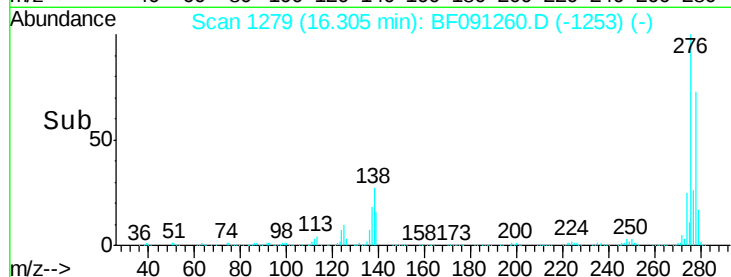
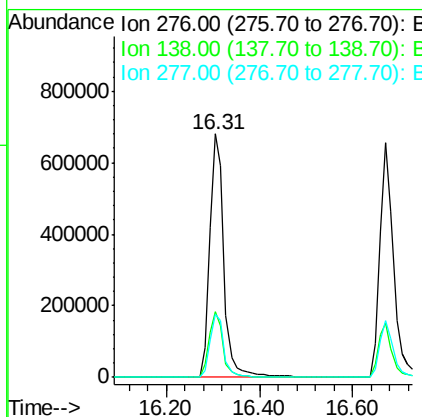
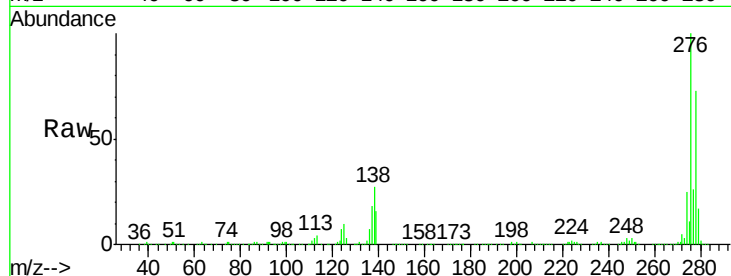




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.28 ng
 RT: 16.31 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BF091260.D
 Acq: 21 Nov 2016 23:09

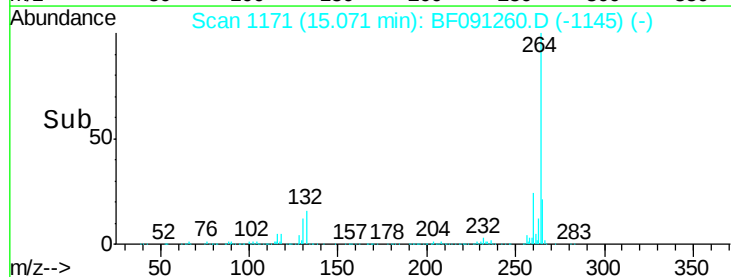
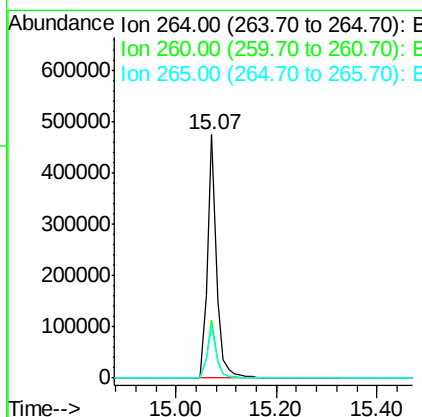
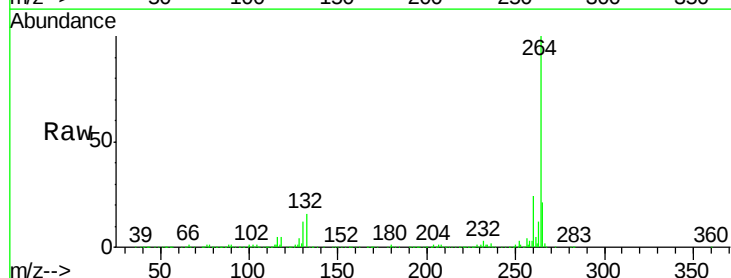
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112116

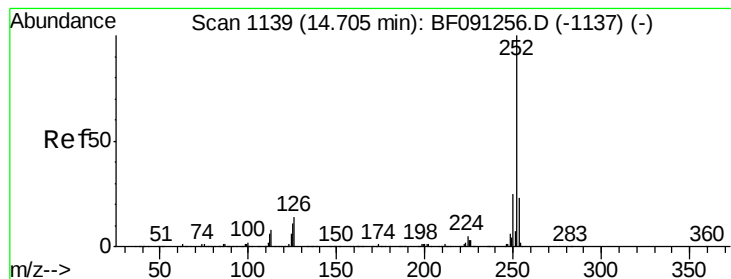
Tgt Ion:276 Resp: 1459849
 Ion Ratio Lower Upper
 276 100
 138 27.1 21.0 31.4
 277 25.7 20.2 30.2



#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: 68.99 ng

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

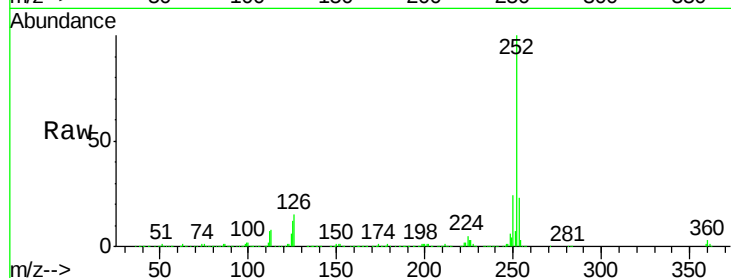
Tgt Ion:252 Resp: 2680919

Ion Ratio Lower Upper

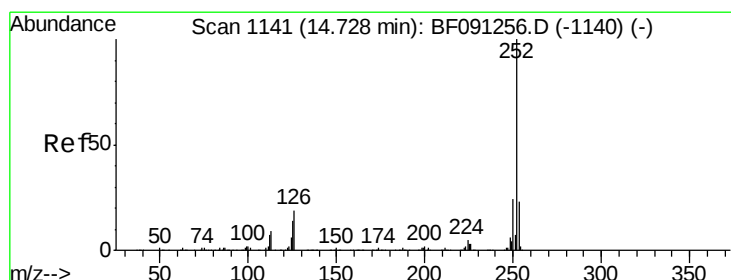
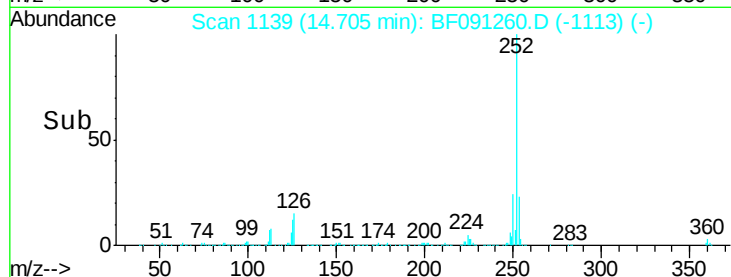
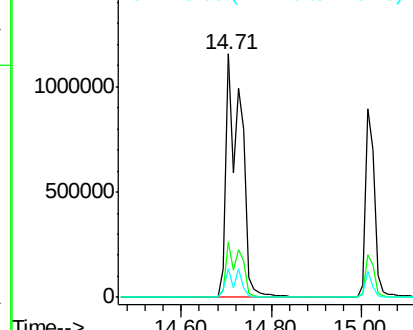
252 100

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: 76.15 ng

RT: 14.71 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF091260.D

Acq: 21 Nov 2016 23:09

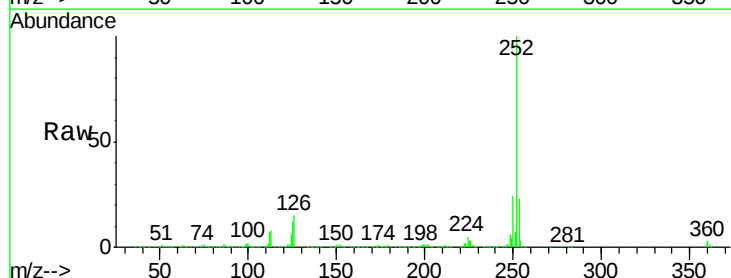
Tgt Ion:252 Resp: 2681857

Ion Ratio Lower Upper

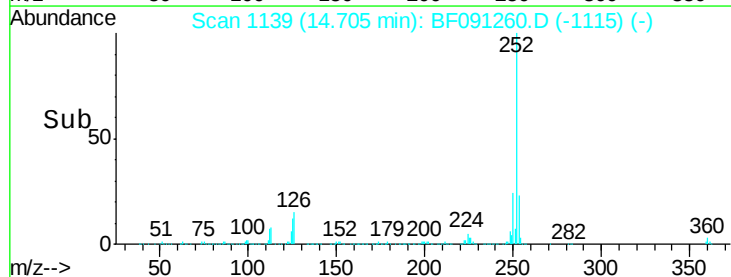
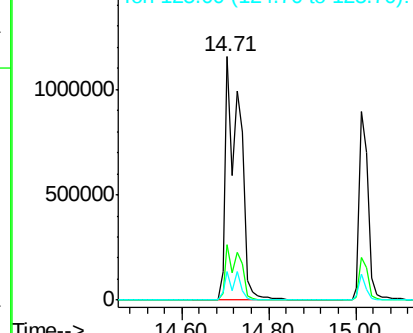
252 100

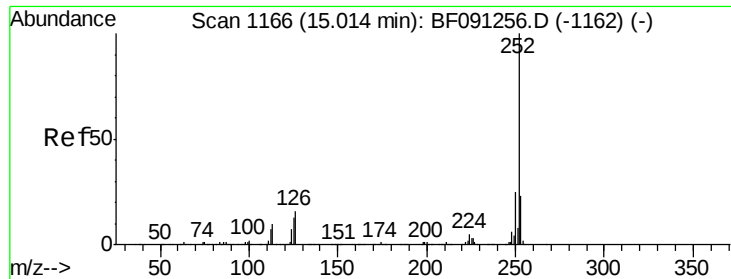
253 22.7 17.8 26.8

125 11.5 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

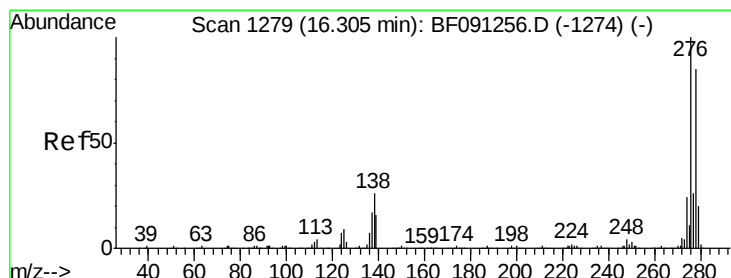
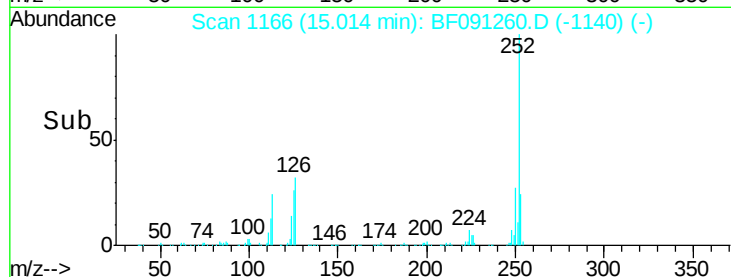
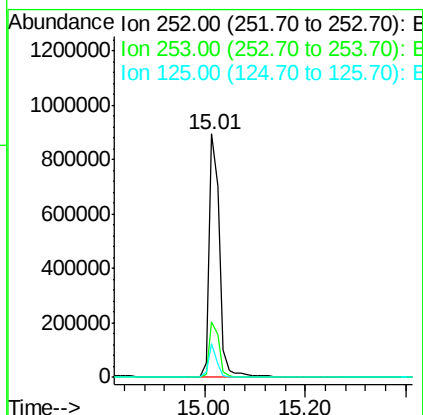
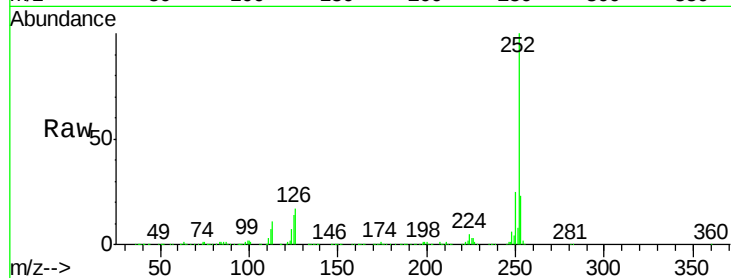




#89
Benzo(a)pyrene
Concen: 36.64 ng
RT: 15.01 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF091260.D
Acq: 21 Nov 2016 23:09

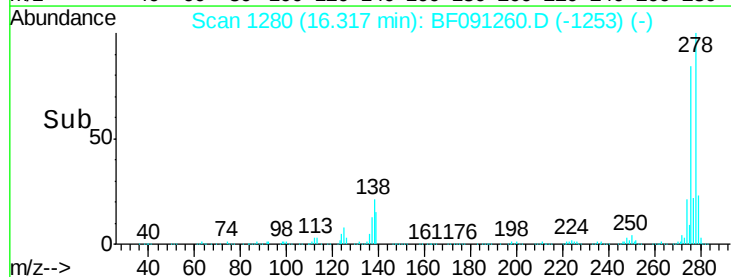
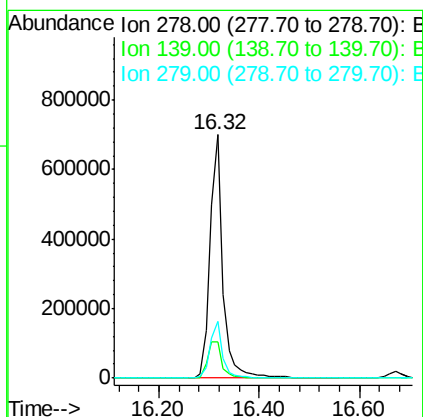
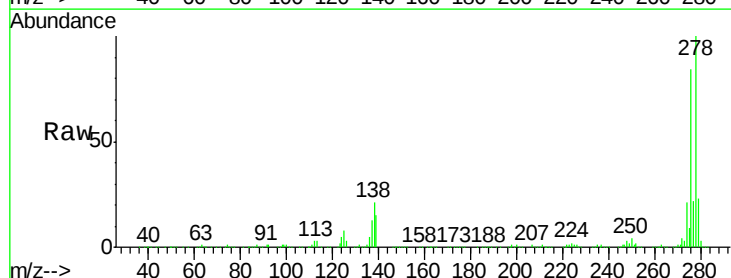
Instrument :
BNA_F
ClientSampleId :
ICVBF112116

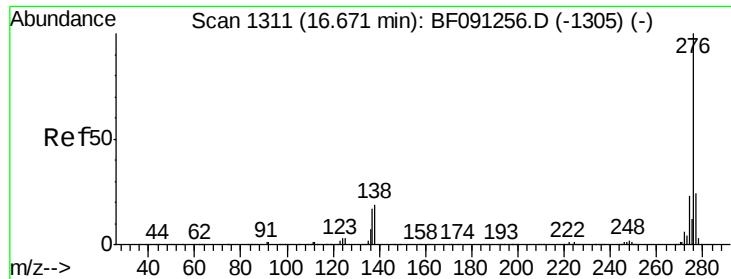
Tgt Ion:252 Resp: 1259021
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 13.9 10.4 15.6



#90
Dibenzo(a,h)anthracene
Concen: 41.77 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(g,h,i)perylene

Concen: 49.18 ng

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

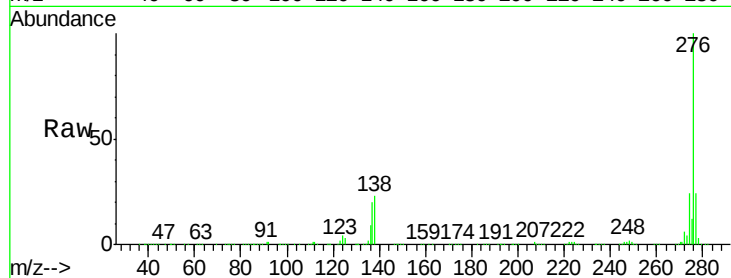
Tgt Ion: 276 Resp: 1347355

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

