

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
 Data File : BF091246.D
 Acq On : 18 Nov 2016 21:19
 Operator : UM/SJ
 Sample : H5700-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

Quant Time: Nov 18 22:03:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	543143	20.00	ng	0.10
21) Naphthalene-d8	7.89	136	755204	20.00	ng	-0.06
38) Acenaphthene-d10	9.65	164	364070	20.00	ng	-0.05
63) Phenanthrene-d10	11.13	188	593014	20.00	ng	-0.05
75) Chrysene-d12	13.76	240	397432	20.00	ng	-0.06
86) Perylene-d12	15.13	264	370939	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1264670	38.46	ng	-0.03
7) Phenol-d6	6.28	99	1511591	33.86	ng	-0.03
23) Nitrobenzene-d5	7.18	82	916716	66.22	ng	-0.06
41) 2,4,6-Tribromophenol	10.44	330	439742	133.60	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	1802625	85.24	ng	-0.06
78) Terphenyl-d14	12.72	244	1747345	109.71	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	196923	10.47	ng	95
3) Pyridine	2.76	79	512584	11.65	ng	96
4) n-Nitrosodimethylamine	2.73	42	224011	12.87	ng	86
6) Aniline	6.36	93	474727	9.02	ng	# 43
8) 2-Chlorophenol	6.40	128	469465	11.97	ng	90
11) bis(2-Chloroethyl)ether	6.36	93	474727	11.40	ng	# 82
12) 1,3-Dichlorobenzene	6.62	146	513208	12.94	ng	97
13) 1,4-Dichlorobenzene	6.78	146	466296	10.95	ng	98
14) 1,2-Dichlorobenzene	6.78	146	466296	11.94	ng	# 94
15) Benzyl Alcohol	6.77	79	358394	11.38	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.90	45	445659	7.48	ng	# 1
17) 2-Methylphenol	6.90	107	381749	12.29	ng	98
18) Hexachloroethane	7.12	117	174712	10.60	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	119717	3.87	ng	# 75
20) 3+4-Methylphenols	7.06	107	499607	13.40	ng	94
22) Acetophenone	7.04	105	645417	37.12	ng	# 91
24) Nitrobenzene	7.21	77	500872	32.76	ng	93
25) Isophorone	7.45	82	1111430	41.66	ng	100
26) 2-Nitrophenol	7.53	139	300797	46.49	ng	# 67
27) 2,4-Dimethylphenol	7.57	122	481819	45.03	ng	95
28) bis(2-Chloroethoxy)methane	7.66	93	697655	47.87	ng	100
29) 2,4-Dichlorophenol	7.78	162	434811	46.56	ng	93
30) 1,2,4-Trichlorobenzene	7.85	180	480909	45.80	ng	97
31) Naphthalene	7.92	128	1505735	41.69	ng	99
32) Benzoic acid	7.70	122	26346	7.90	ng	93
33) 4-Chloroaniline	7.98	127	366257	24.38	ng	96
34) Hexachlorobutadiene	8.04	225	266908	47.09	ng	97
35) Caprolactam	8.37	113	86047	29.33	ng	# 78
36) 4-Chloro-3-methylphenol	8.49	107	448713	39.69	ng	91
37) 2-Methylnaphthalene	8.61	142	980155	42.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	477577	51.45	ng	99
40) Hexachlorocyclopentadiene	8.76	237	252116	70.88	ng	97
42) 2,4,6-Trichlorophenol	8.91	196	277740	46.35	ng	96
43) 2,4,5-Trichlorophenol	8.96	196	328596	52.23	ng	97

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 ClientSampleId :
 V001-BF021-02MSD

Quant Time: Nov 18 22:03:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.08	154	1120009	42.13	ng	97
46) 2-Chloronaphthalene	9.10	162	881964	43.70	ng	94
47) 2-Nitroaniline	9.21	65	237314	31.68	ng	95
48) Acenaphthylene	9.52	152	1281528	40.74	ng	99
49) Dimethylphthalate	9.39	163	1072257	44.91	ng	99
50) 2,6-Dinitrotoluene	9.46	165	240937	47.09	ng	# 48
51) Acenaphthene	9.69	154	796868	40.35	ng	100
52) 3-Nitroaniline	9.62	138	158625	26.15	ng	97
53) 2,4-Dinitrophenol	9.74	184	78375	32.18	ng	87
54) Dibenzofuran	9.86	168	1156710	43.52	ng	92
55) 4-Nitrophenol	9.81	139	235926	59.94	ng	# 82
56) 2,4-Dinitrotoluene	9.86	165	264950	40.70	ng	# 86
57) Fluorene	10.20	166	917940	42.25	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	261389	53.03	ng	# 87
59) Diethylphthalate	10.09	149	909167	37.15	ng	100
60) 4-Chlorophenyl-phenylether	10.19	204	413752	41.84	ng	# 86
61) 4-Nitroaniline	10.25	138	191940	31.27	ng	82
62) Azobenzene	10.35	77	911913	31.65	ng	92
64) 4,6-Dinitro-2-methylphenol	10.27	198	121206	33.38	ng	73
65) n-Nitrosodiphenylamine	10.32	169	752009	39.90	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	302986	49.12	ng	# 70
67) Hexachlorobenzene	10.74	284	312318	45.91	ng	93
68) Atrazine	10.85	200	255534	46.99	ng	100
69) Pentachlorophenol	10.94	266	280159	92.98	ng	99
70) Phenanthrene	11.15	178	1249809	39.65	ng	99
71) Anthracene	11.21	178	1394570	41.61	ng	100
72) Carbazole	11.37	167	1196456	39.61	ng	98
73) Di-n-butylphthalate	11.70	149	1386609	36.50	ng	99
74) Fluoranthene	12.34	202	1433426	43.84	ng	90
76) Benzidine	12.47	184	493068	55.53	ng	97
77) Pyrene	12.56	202	1312242	50.42	ng	99
79) Butylbenzylphthalate	13.20	149	615341	49.43	ng	# 72
80) Benzo(a)anthracene	13.75	228	1007408	44.64	ng	99
81) 3,3'-Dichlorobenzidine	13.72	252	317458	40.04	ng	99
82) Chrysene	13.79	228	1039221	46.71	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	748183	44.41	ng	# 95
84) Di-n-octyl phthalate	14.36	149	1151514	41.57	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.40	276	1002617	54.31	ng	94
87) Benzo(b)fluoranthene	14.79	252	1863342	74.06	ng	# 97
88) Benzo(k)fluoranthene	14.79	252	1863342	84.43	ng	# 93
89) Benzo(a)pyrene	15.07	252	896081	40.91	ng	99
90) Dibenzo(a,h)anthracene	16.40	278	842988	44.52	ng	97
91) Benzo(g,h,i)perylene	16.76	276	802630	46.88	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 444

Delta R.T. 0.10 min

Lab File: BF091246.D

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BNA_F

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V001-BF021-02MSD

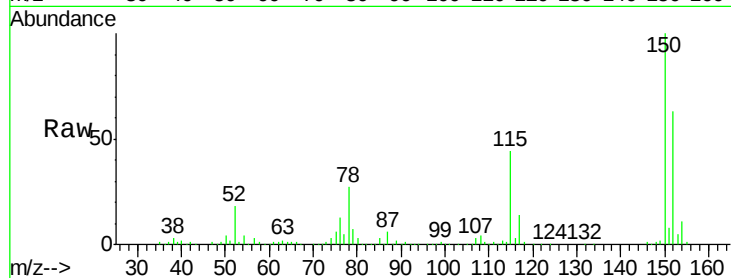
Tgt Ion: 152 Resp: 543143

Ion Ratio Lower Upper

152 100

150 158.0 126.8 190.2

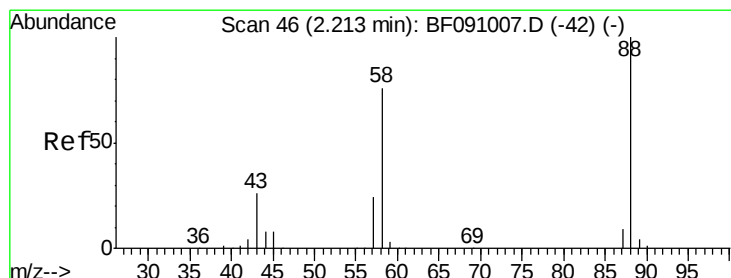
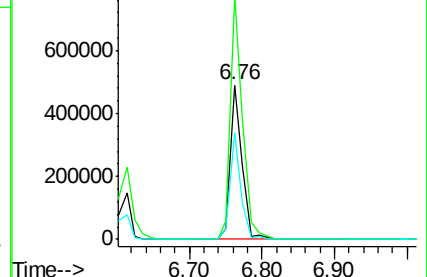
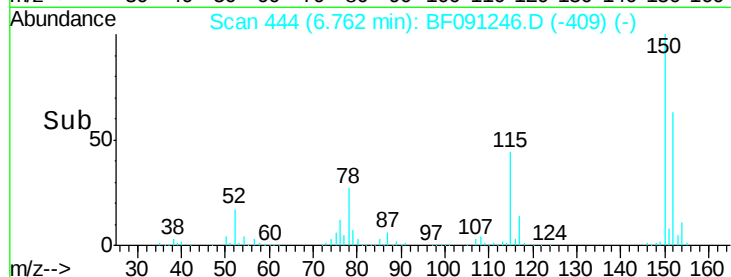
115 68.8 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.47 ng

RT: 2.12 min Scan# 38

Delta R.T. -0.02 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

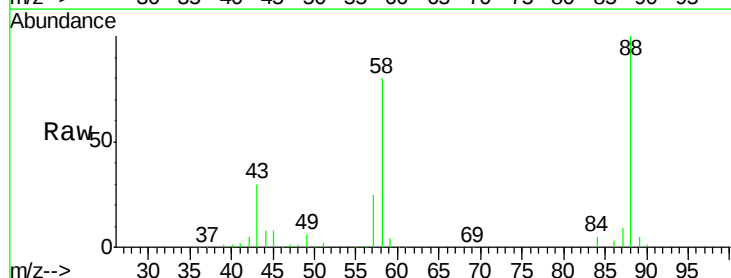
Tgt Ion: 88 Resp: 196923

Ion Ratio Lower Upper

88 100

58 77.2 63.8 95.6

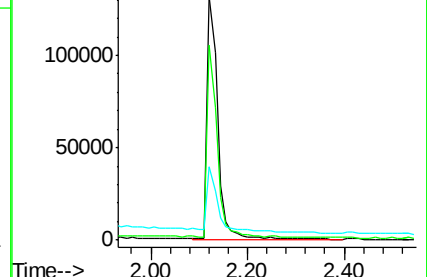
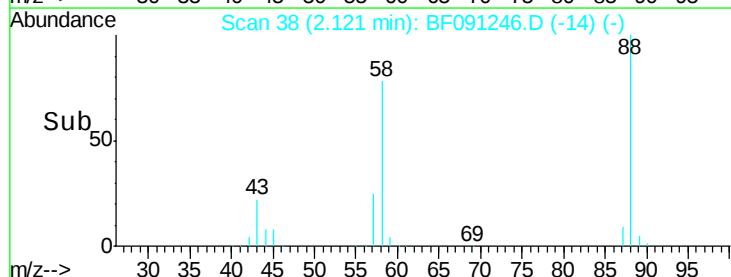
43 33.1 22.6 33.8

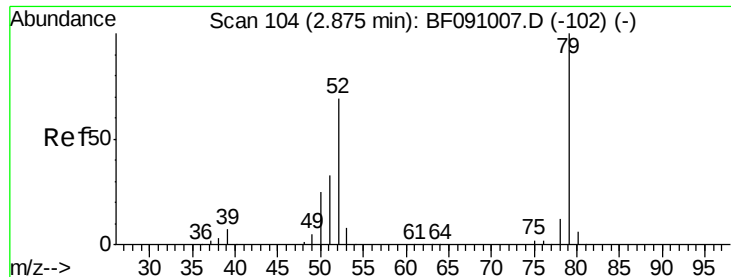


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.65 ng

RT: 2.76 min Scan# 94

Delta R.T. -0.02 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

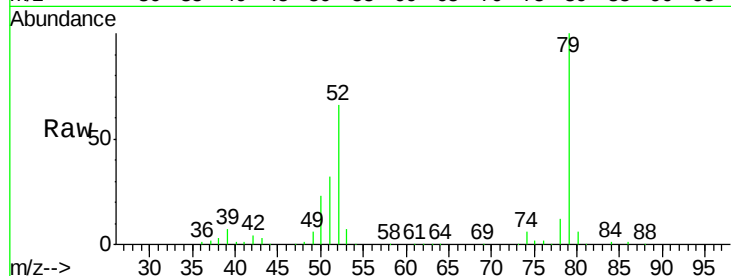
Tgt Ion: 79 Resp: 512584

Ion Ratio Lower Upper

79 100

52 65.8 55.4 83.0

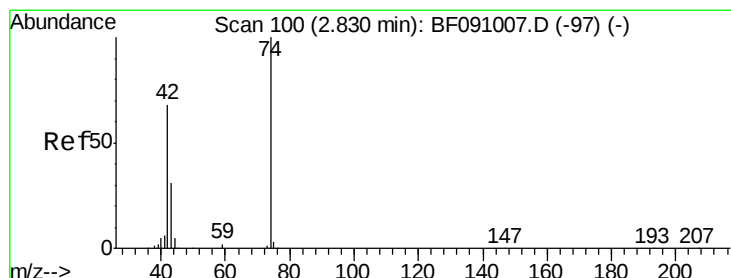
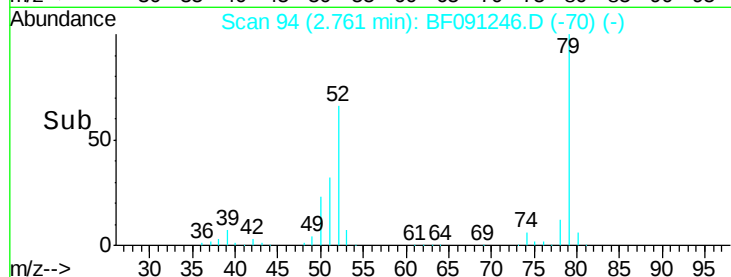
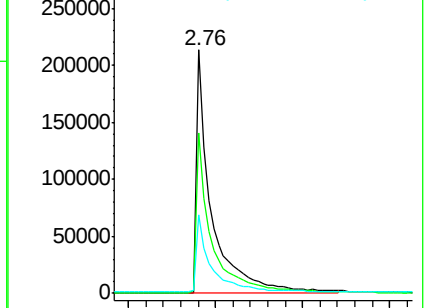
51 32.2 27.4 41.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 12.87 ng

RT: 2.73 min Scan# 91

Delta R.T. -0.02 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

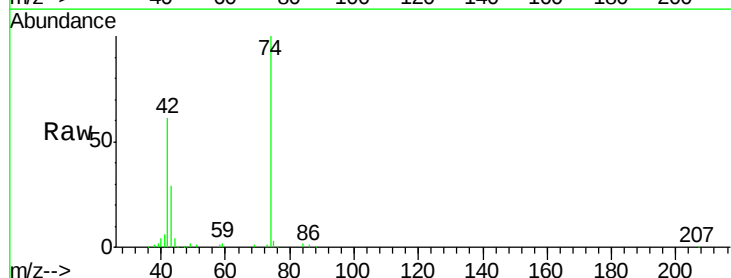
Tgt Ion: 42 Resp: 224011

Ion Ratio Lower Upper

42 100

74 164.3 117.3 175.9

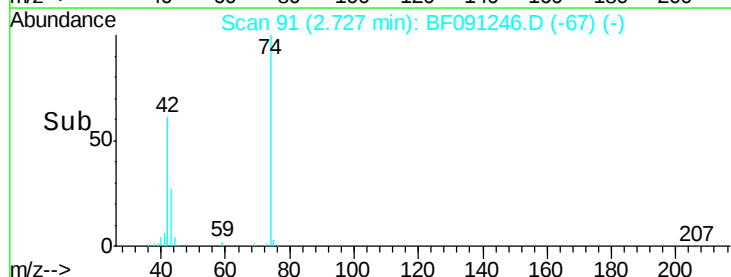
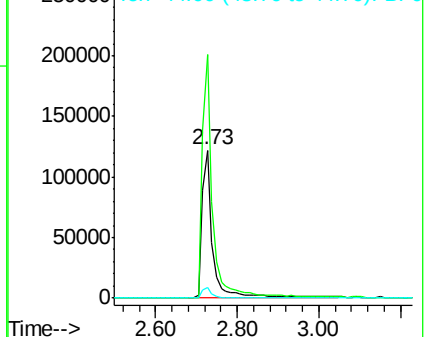
44 7.4 5.8 8.8

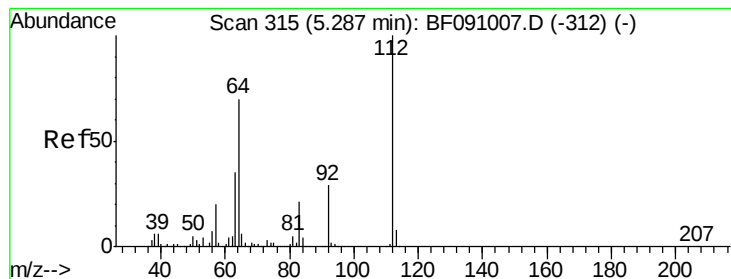


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 38.46 ng

RT: 5.21 min Scan# 308

Delta R.T. -0.03 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

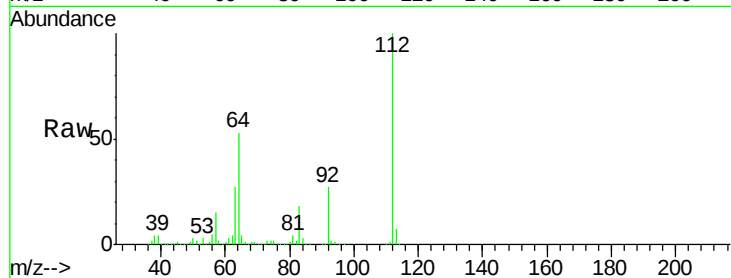
Tgt Ion: 112 Resp: 1264670

Ion Ratio Lower Upper

112 100

64 52.8 55.8 83.6#

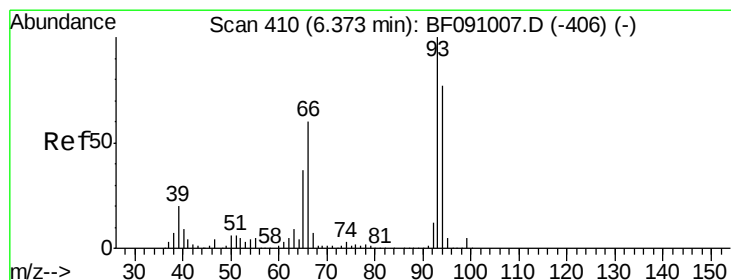
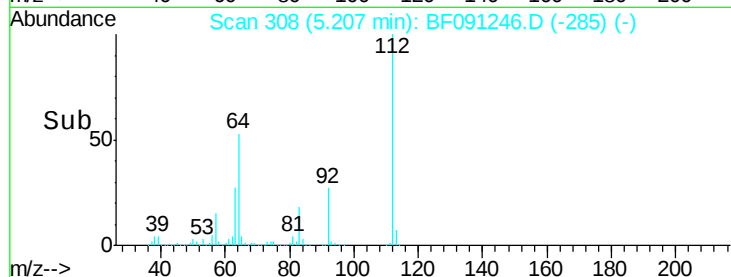
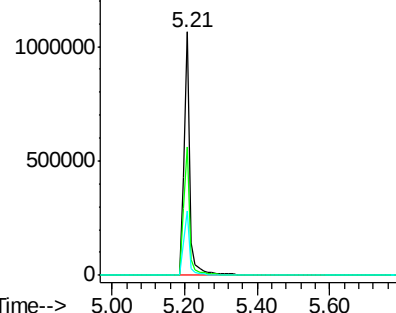
63 26.6 28.0 42.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.02 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.03 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

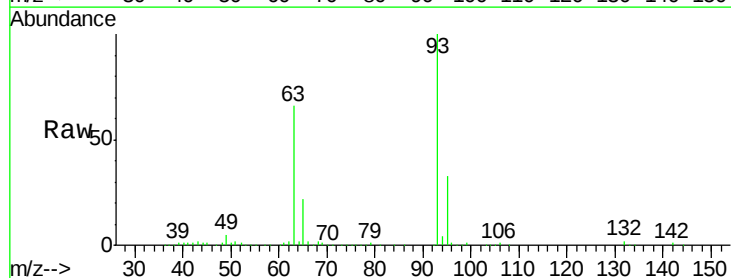
Tgt Ion: 93 Resp: 474727

Ion Ratio Lower Upper

93 100

66 2.1 48.2 72.2#

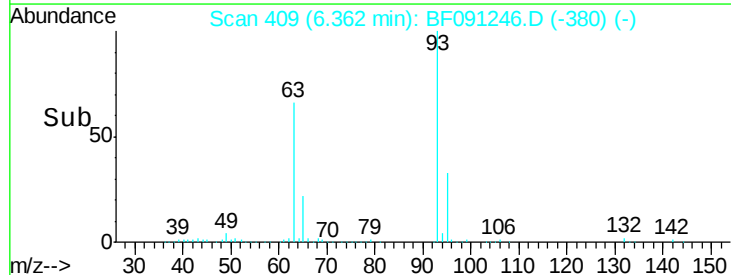
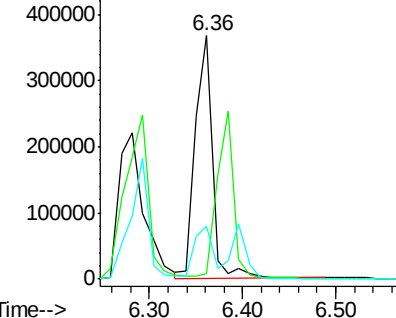
65 21.7 29.4 44.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 33.86 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

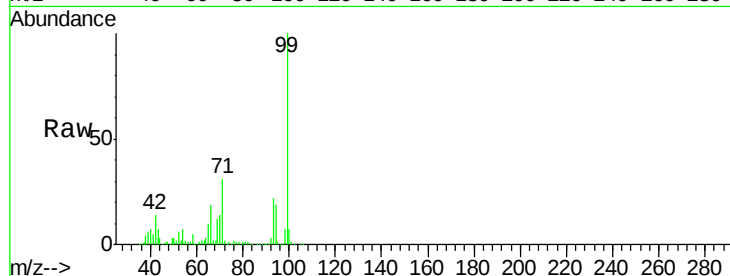
BNA_F

ClientSampleId :

V001-BF021-02MSD

Tgt Ion: 99 Resp: 1511591

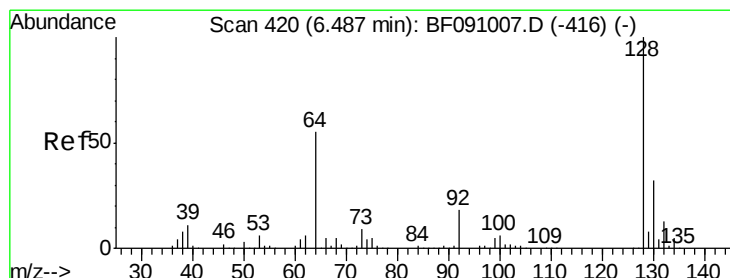
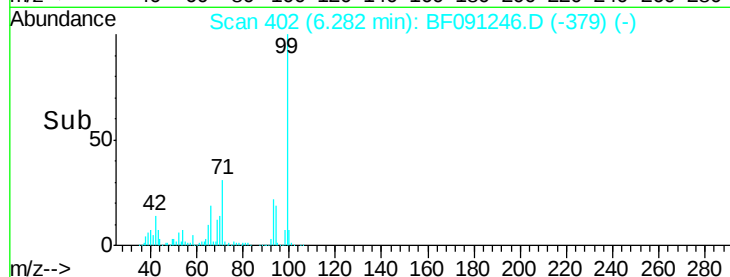
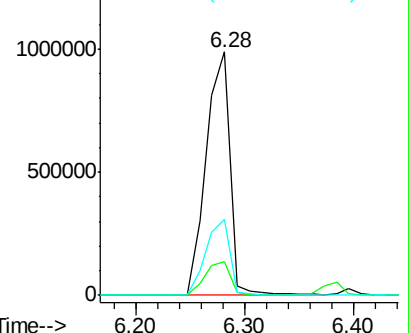
Ion	Ratio	Lower	Upper
99	100		
42	13.7	13.9	20.9#
71	31.0	27.8	41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 11.97 ng

RT: 6.40 min Scan# 412

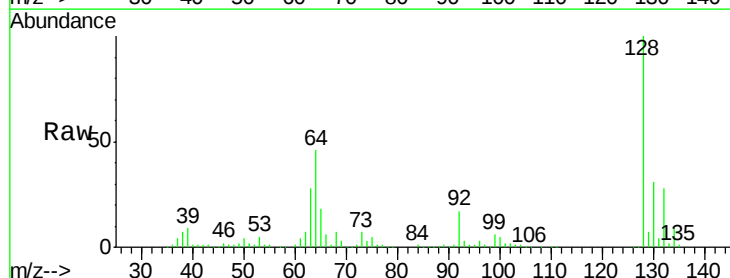
Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Tgt Ion: 128 Resp: 469465

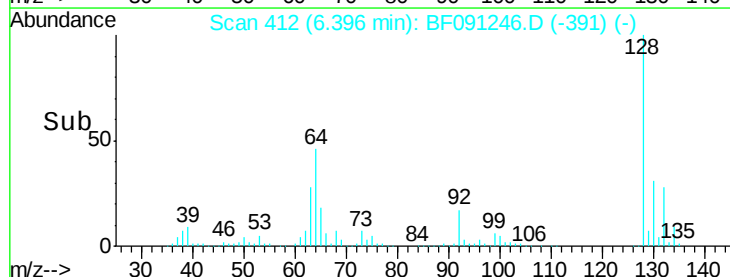
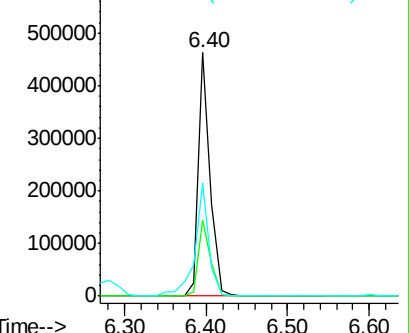
Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.0	52.0
64	46.3	37.2	77.2

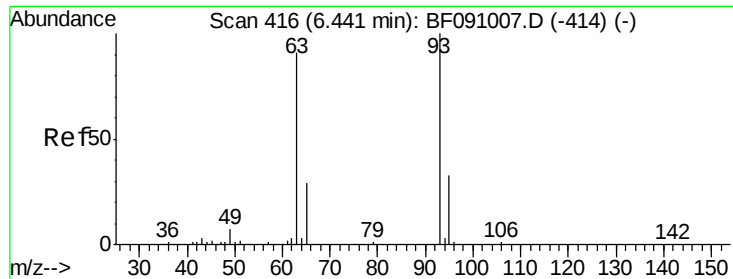


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

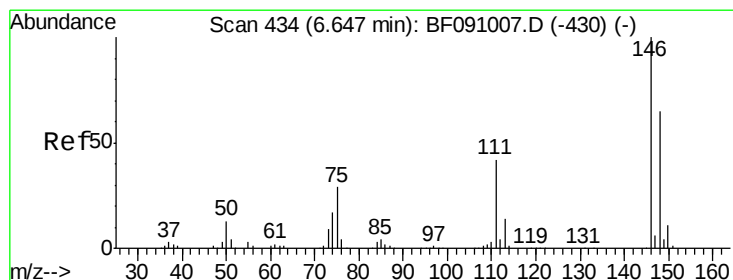
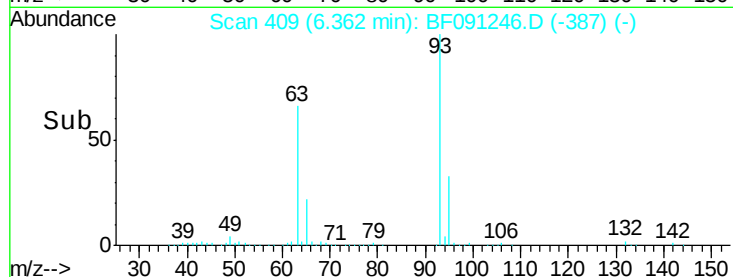
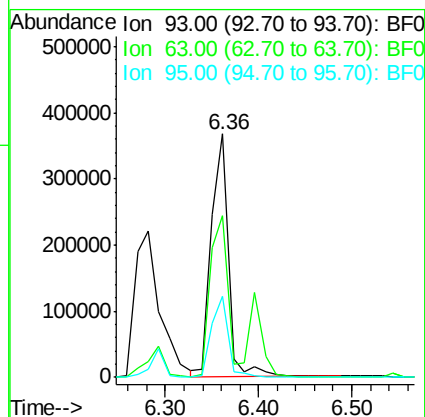
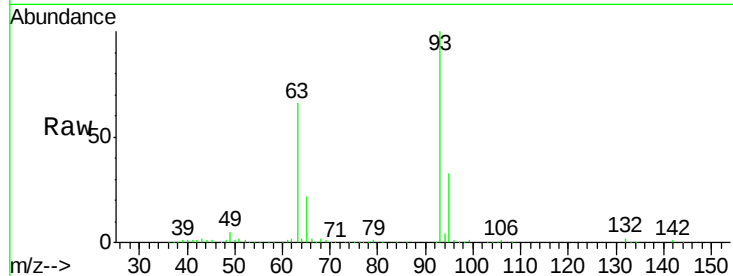




#11
bis(2-Chloroethyl)ether
Concen: 11.40 ng
RT: 6.36 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

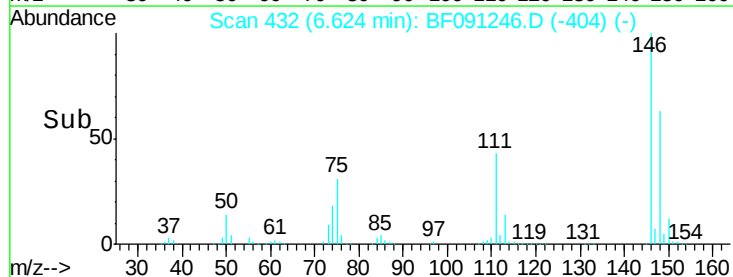
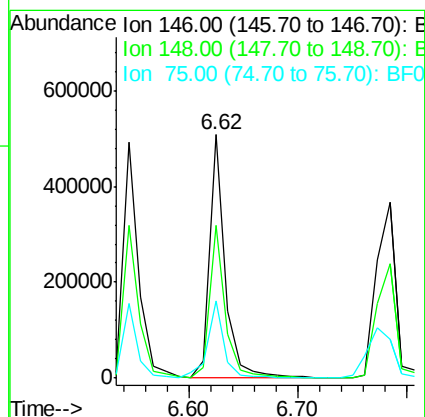
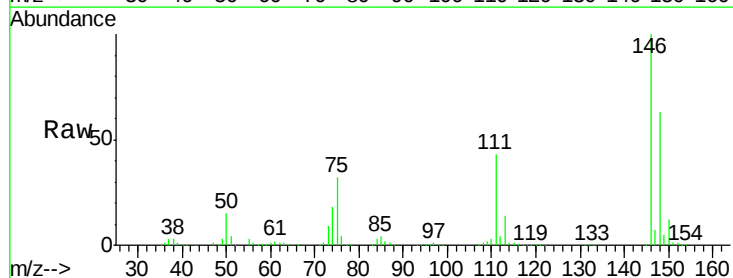
Instrument :
BNA_F
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V001-BF021-02MSD

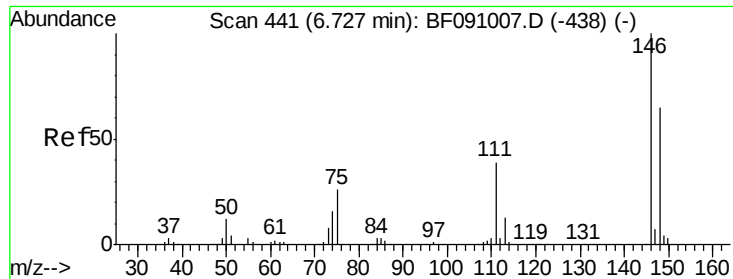
Tgt Ion: 93 Resp: 474727
Ion Ratio Lower Upper
93 100
63 66.2 68.9 108.9#
95 33.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 12.94 ng
RT: 6.62 min Scan# 432
Delta R.T. 0.02 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion: 146 Resp: 513208
Ion Ratio Lower Upper
146 100
148 62.8 52.0 78.0
75 31.6 23.0 34.6

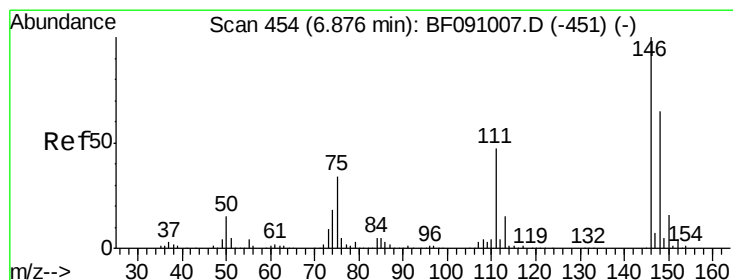
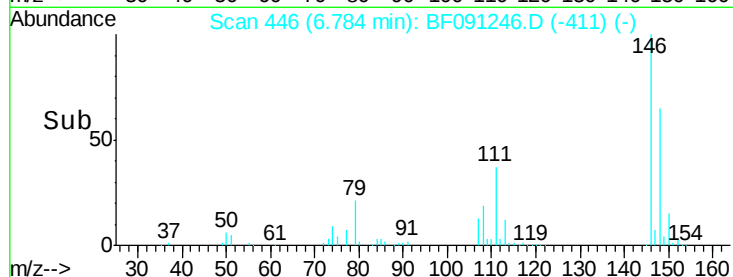
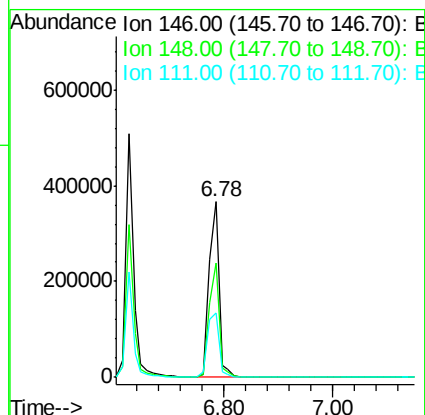
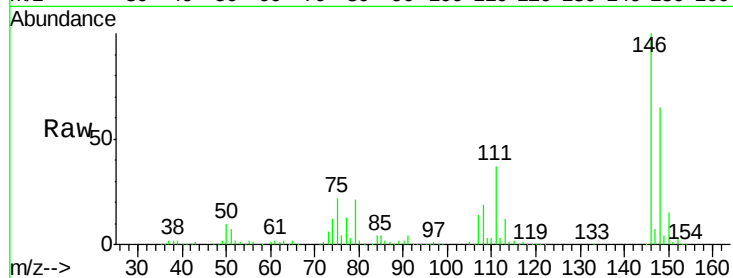




#13
 1,4-Dichlorobenzene
 Concen: 10.95 ng
 RT: 6.78 min Scan# 446
 Delta R.T. 0.10 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

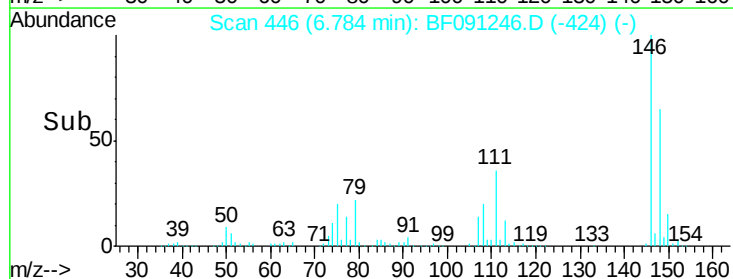
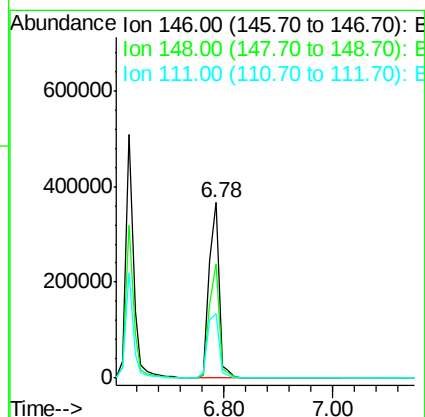
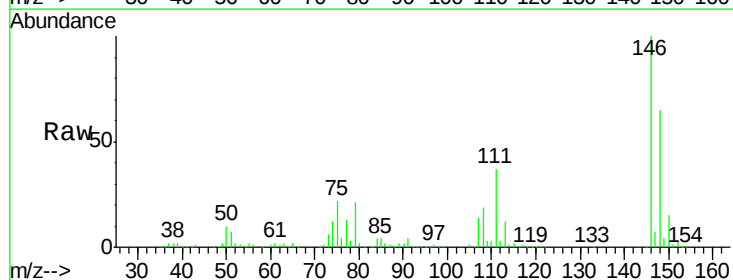
Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

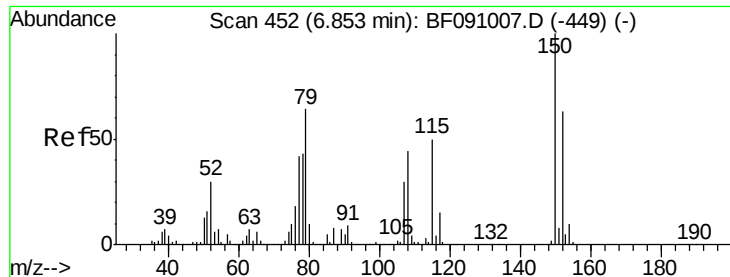
Tgt Ion:146 Resp: 466296
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.1 78.1
 111 36.8 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 11.94 ng
 RT: 6.78 min Scan# 446
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion:146 Resp: 466296
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 36.8 37.3 55.9#





#15

Benzyl Alcohol

Concen: 11.38 ng

RT: 6.77 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

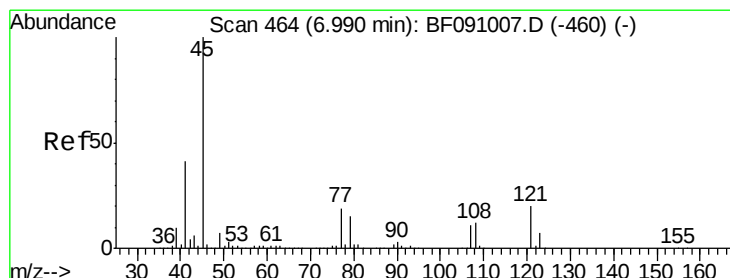
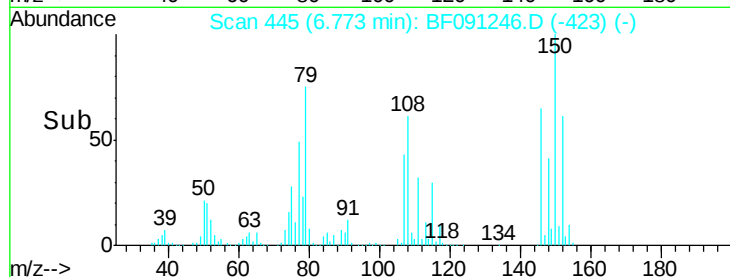
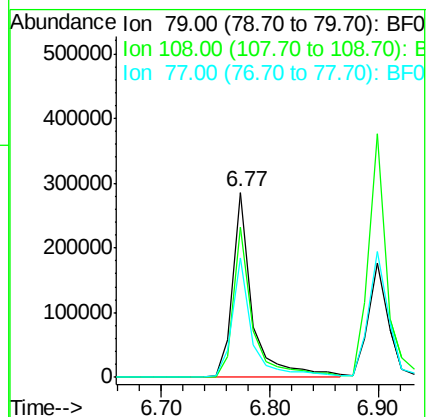
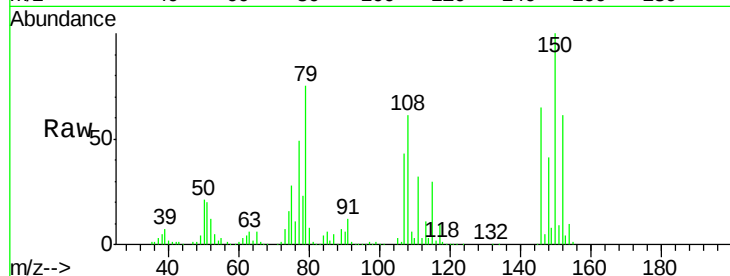
Tgt Ion: 79 Resp: 358394

Ion Ratio Lower Upper

79 100

108 81.1 55.7 83.5

77 64.7 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.48 ng

RT: 6.90 min Scan# 456

Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

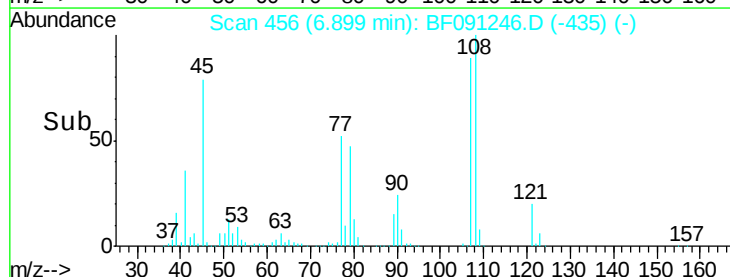
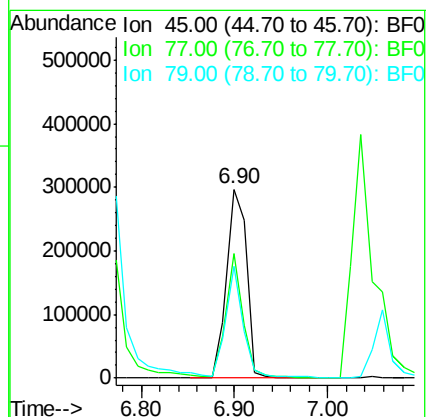
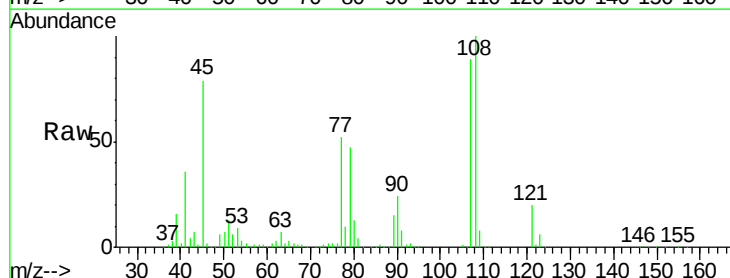
Tgt Ion: 45 Resp: 445659

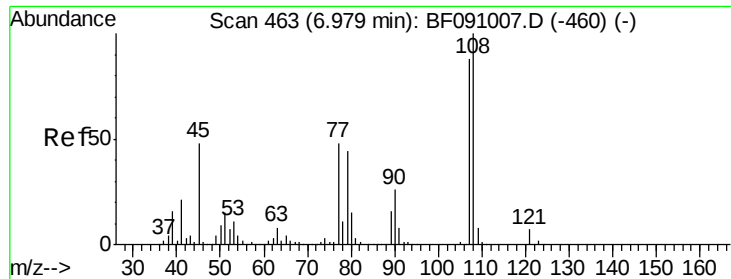
Ion Ratio Lower Upper

45 100

77 65.7 0.0 39.6#

79 59.4 0.0 35.9#

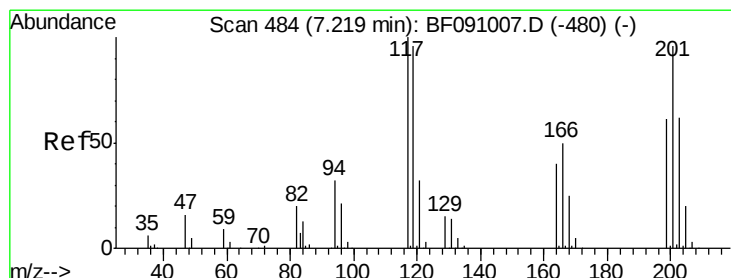
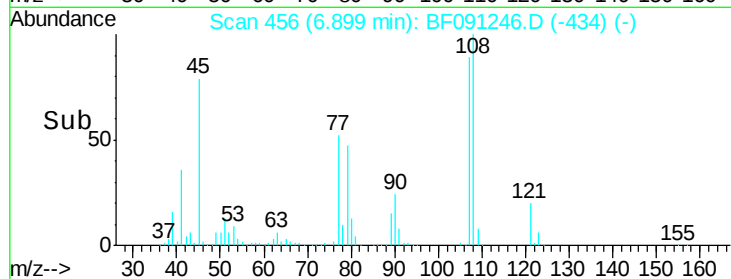
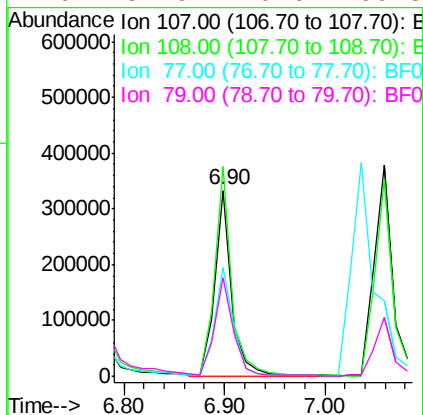
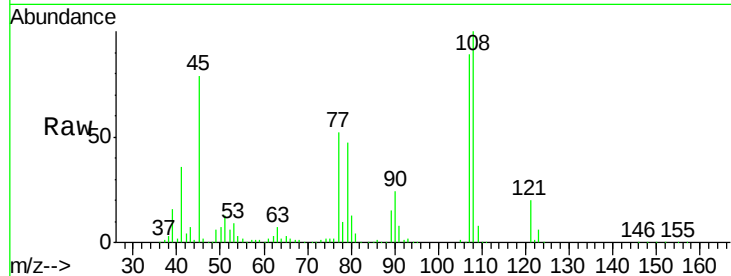




#17
2-Methylphenol
Concen: 12.29 ng
RT: 6.90 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

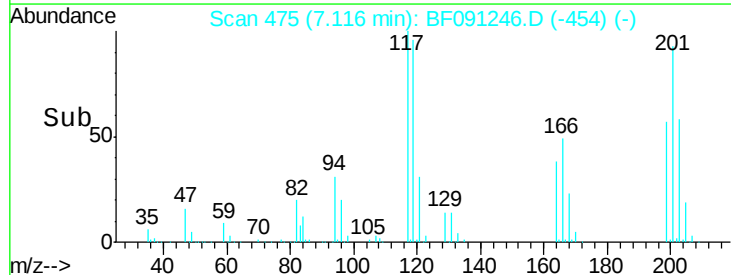
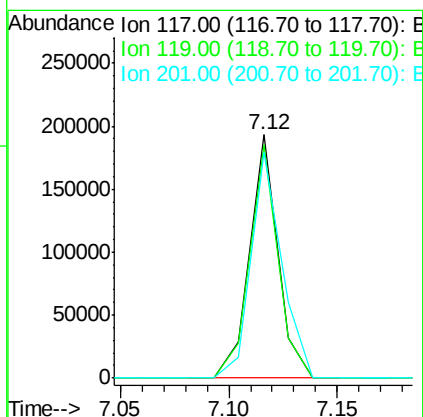
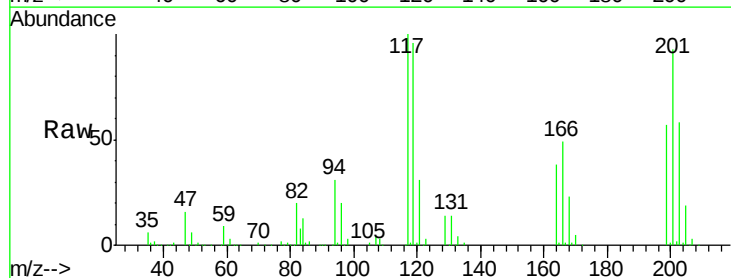
Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

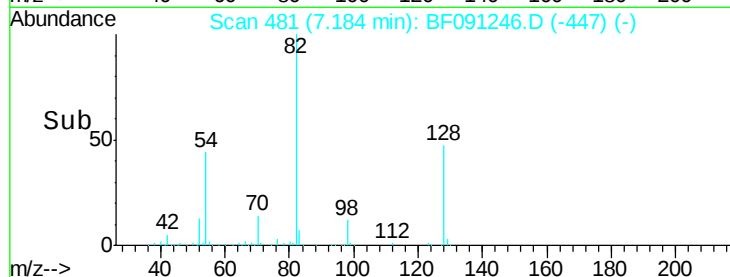
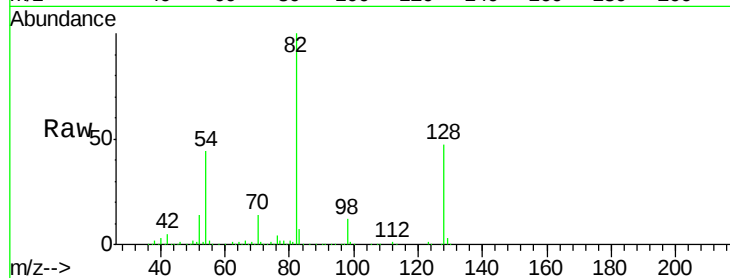
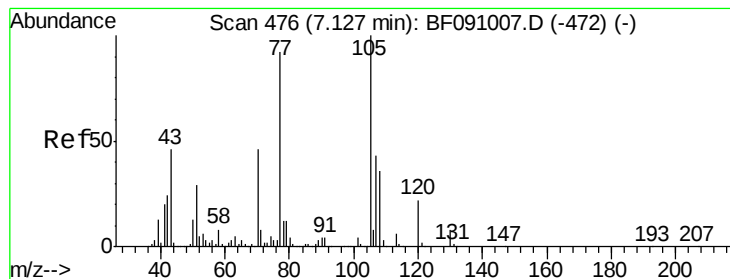
Tgt Ion:107 Resp: 381749
Ion Ratio Lower Upper
107 100
108 112.9 91.0 136.6
77 58.5 43.8 65.8
79 52.9 40.6 60.8



#18
Hexachloroethane
Concen: 10.60 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.06 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion:117 Resp: 174712
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0
201 92.8 77.1 115.7





#19

n-Nitroso-di-n-propylamine

Concen: 3.87 ng

RT: 7.18 min Scan# 481

Delta R.T. 0.09 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

Tgt Ion: 70 Resp: 119717

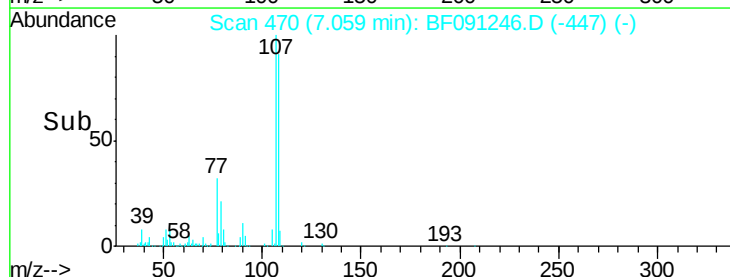
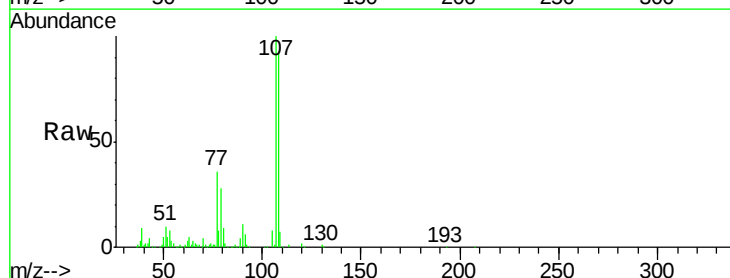
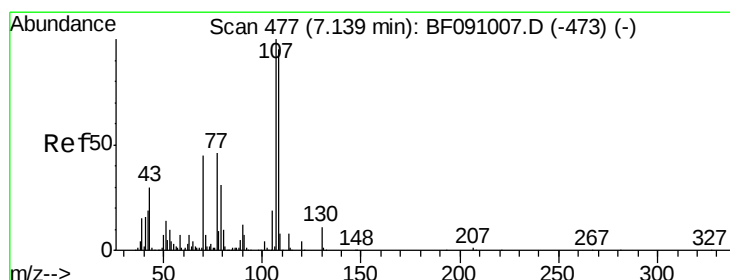
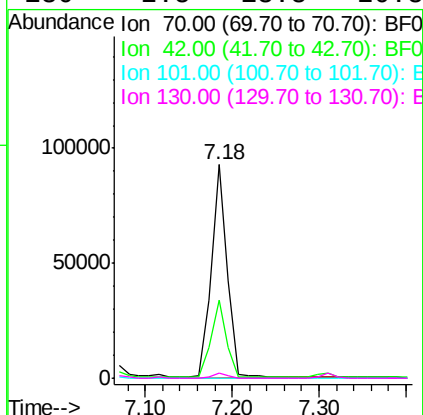
Ion Ratio Lower Upper

70 100

42 36.5 41.7 62.5#

101 0.0 6.7 10.1#

130 2.5 13.8 20.8#



#20

3+4-Methylphenols

Concen: 13.40 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Tgt Ion: 107 Resp: 499607

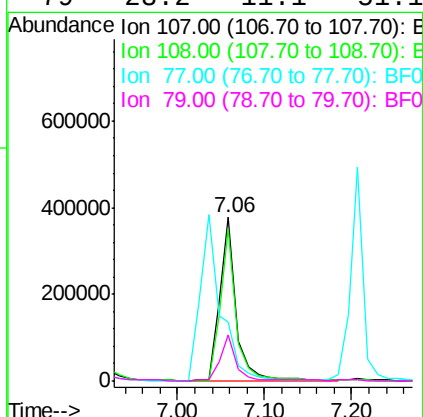
Ion Ratio Lower Upper

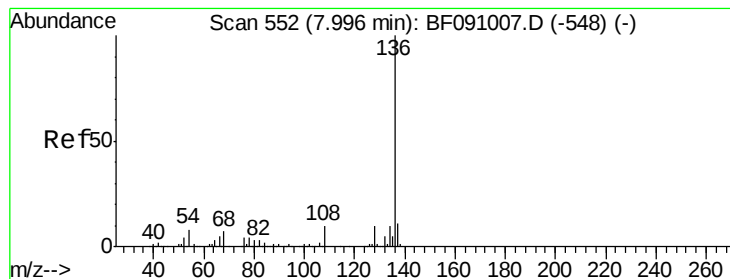
107 100

108 93.3 75.5 115.5

77 35.7 26.4 66.4

79 28.2 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.89 min Scan# 543

Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

Tgt Ion:136 Resp: 755204

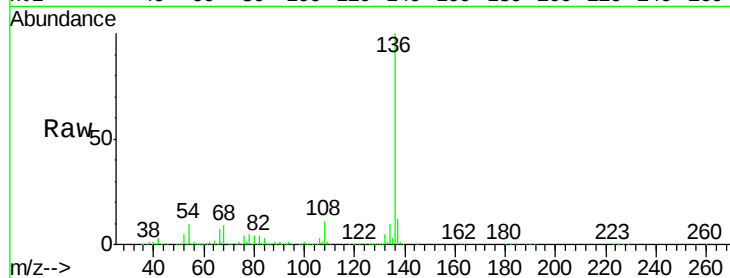
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.3 6.2 9.2#

68 8.6 5.5 8.3#

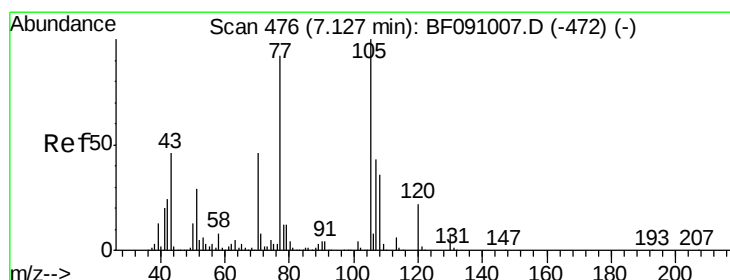
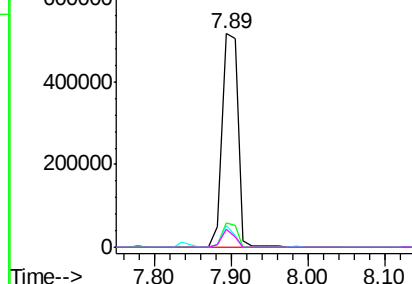
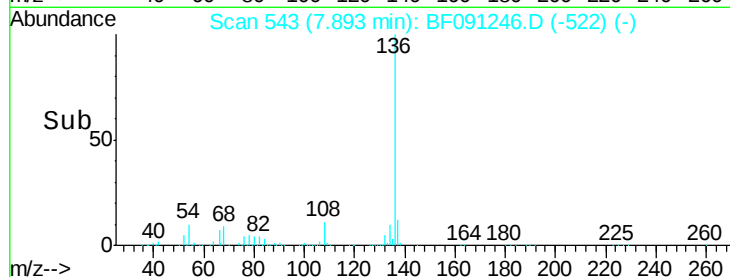


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.12 ng

RT: 7.04 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Tgt Ion:105 Resp: 645417

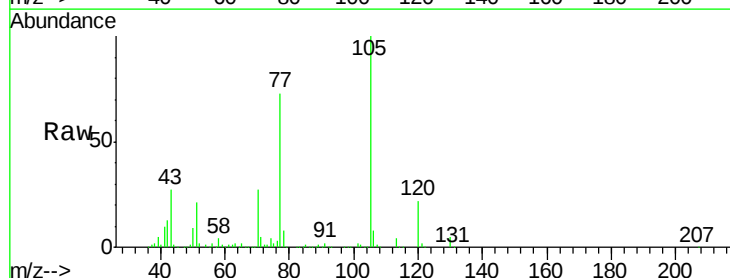
Ion Ratio Lower Upper

105 100

71 4.5 6.2 9.2#

51 20.6 23.3 34.9#

120 21.7 17.4 26.0

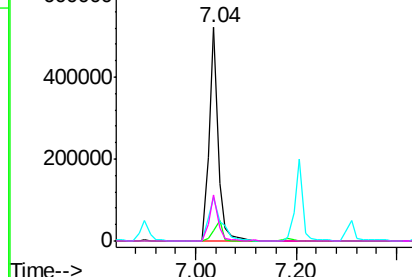
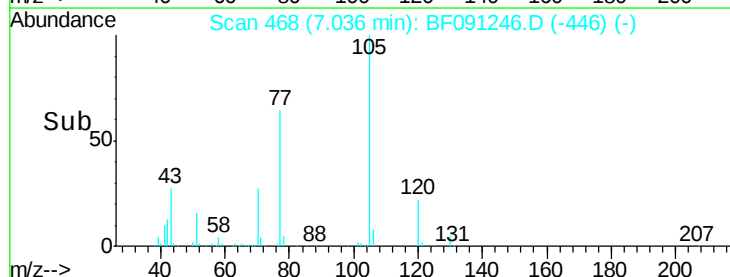


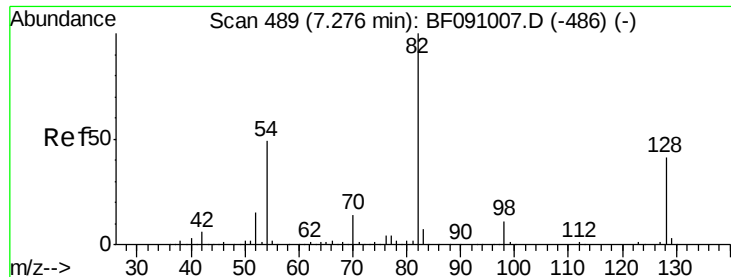
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

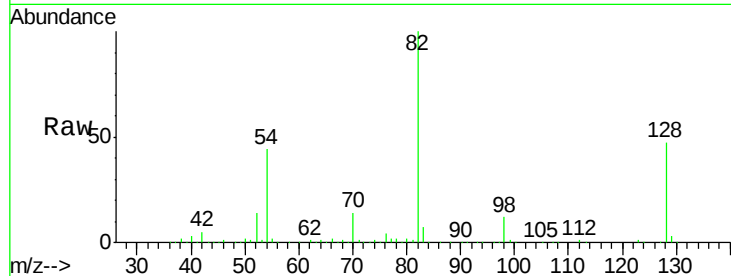




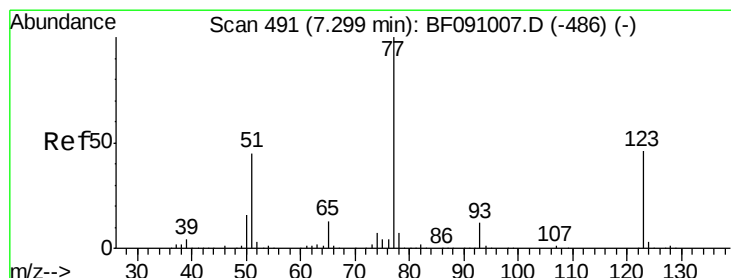
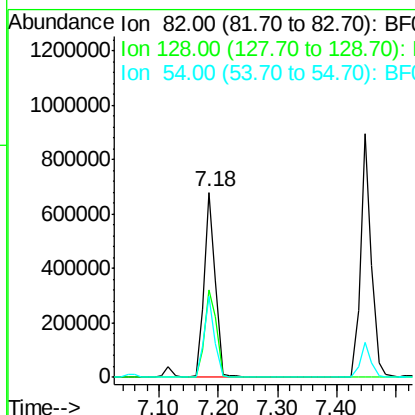
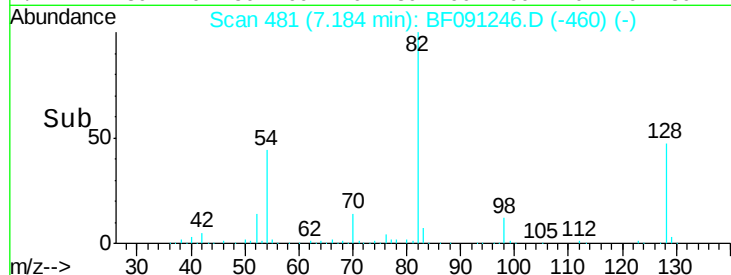
#23
Nitrobenzene-d5
Concen: 66.22 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

Tgt Ion: 82 Resp: 916716
Ion Ratio Lower Upper
82 100
128 47.2 32.4 48.6
54 43.9 39.2 58.8

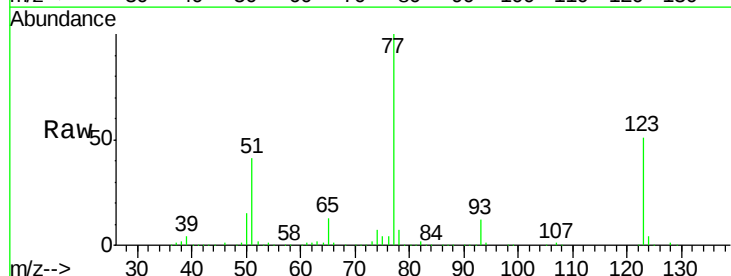


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

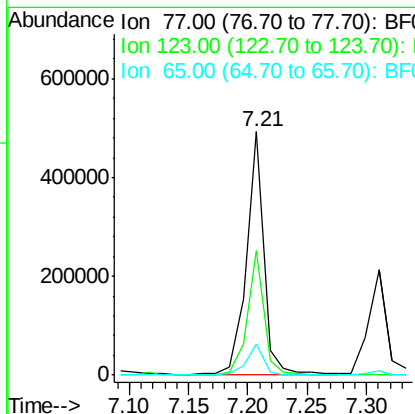
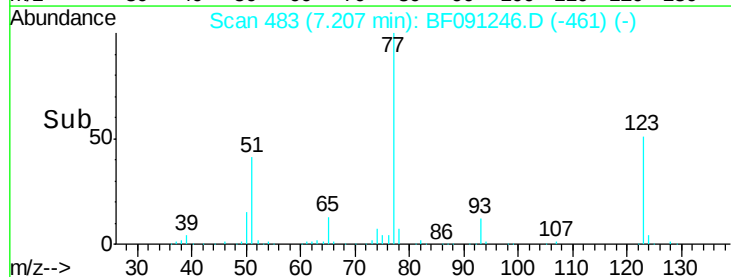


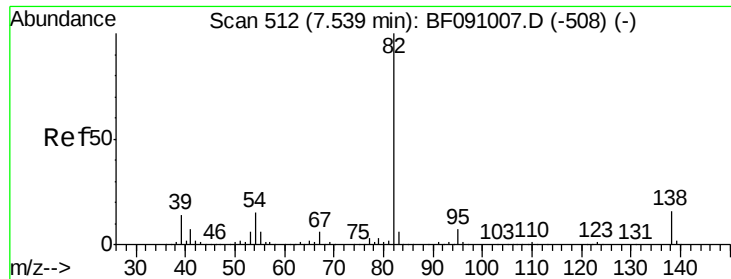
#24
Nitrobenzene
Concen: 32.76 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion: 77 Resp: 500872
Ion Ratio Lower Upper
77 100
123 51.0 36.5 54.7
65 12.6 10.7 16.1



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





#25

Isophorone

Concen: 41.66 ng

RT: 7.45 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

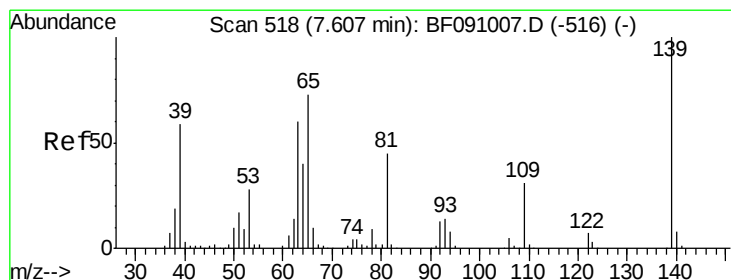
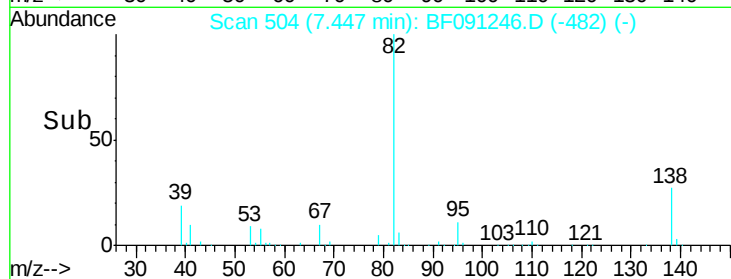
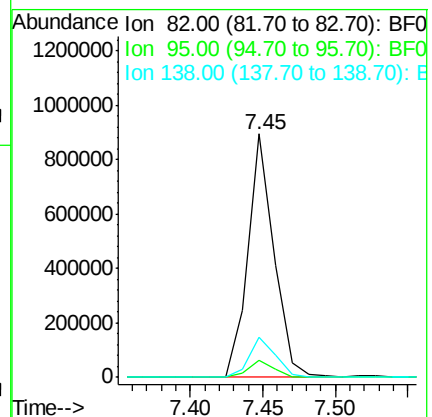
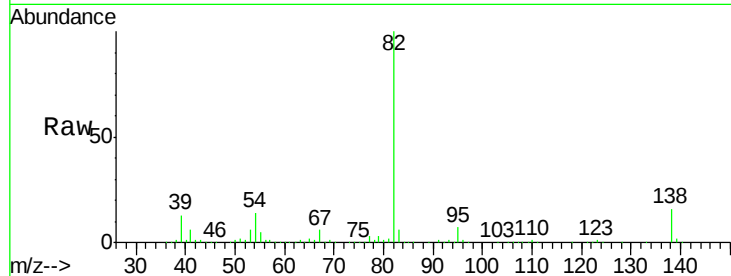
Tgt Ion: 82 Resp: 1111430

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 16.3 13.0 19.4



#26

2-Nitrophenol

Concen: 46.49 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

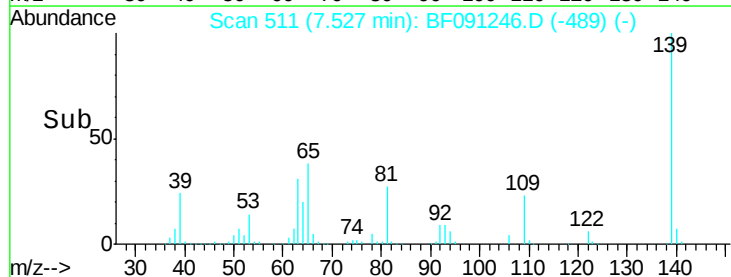
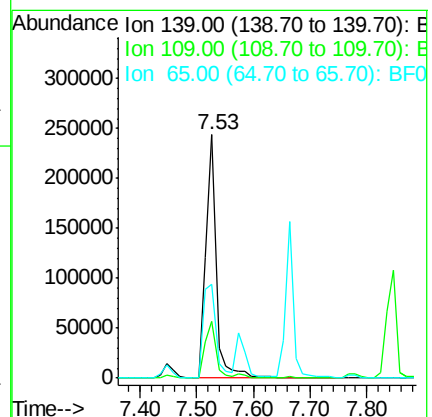
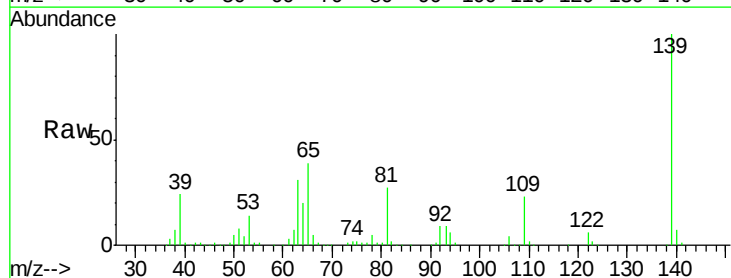
Tgt Ion: 139 Resp: 300797

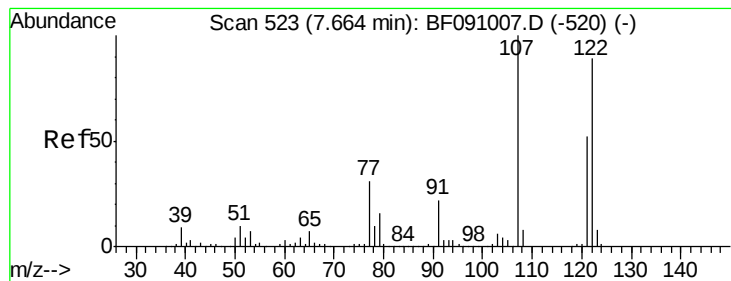
Ion Ratio Lower Upper

139 100

109 23.3 24.7 37.1#

65 38.6 58.3 87.5#





#27

2,4-Dimethylphenol

Concen: 45.03 ng

RT: 7.57 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

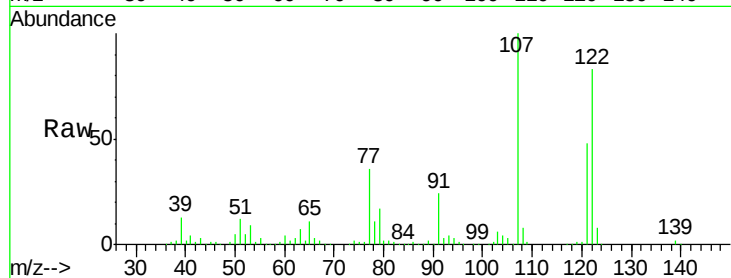
Tgt Ion:122 Resp: 481819

Ion Ratio Lower Upper

122 100

107 119.9 89.6 134.4

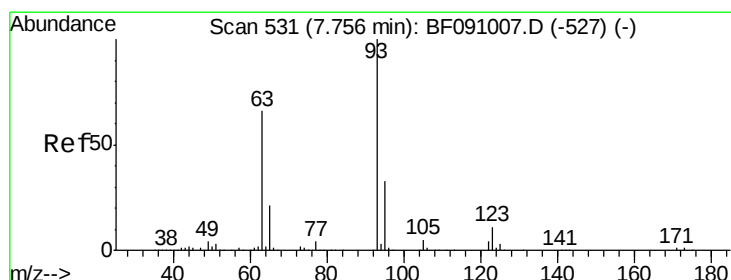
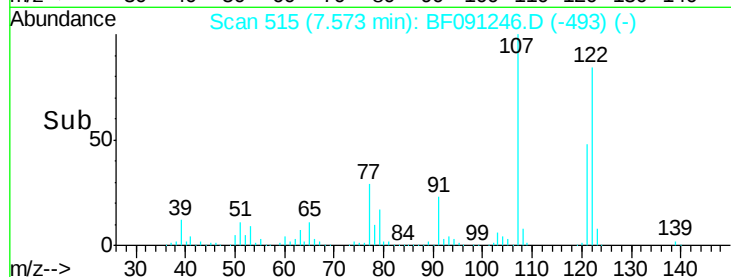
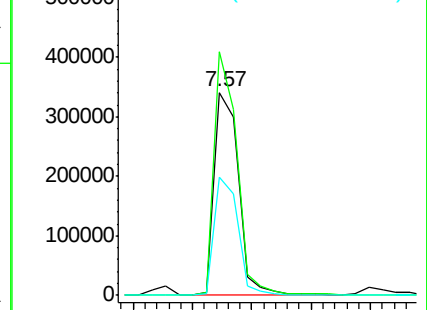
121 57.9 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.87 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

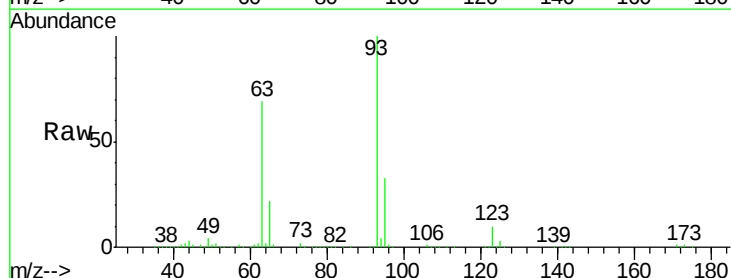
Tgt Ion: 93 Resp: 697655

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

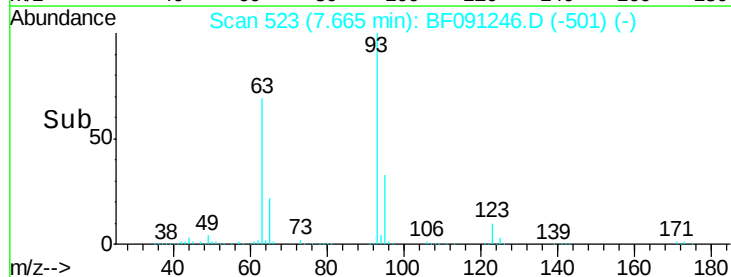
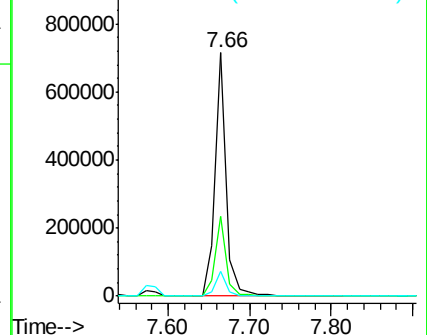
123 10.4 8.7 13.1

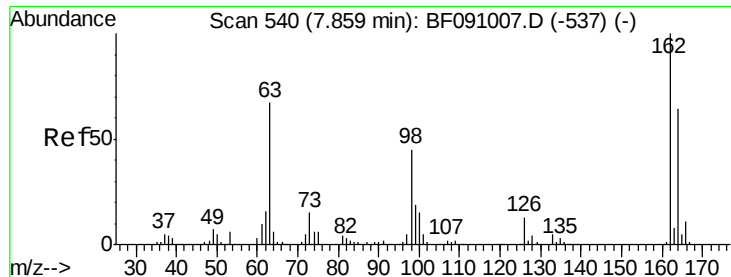


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

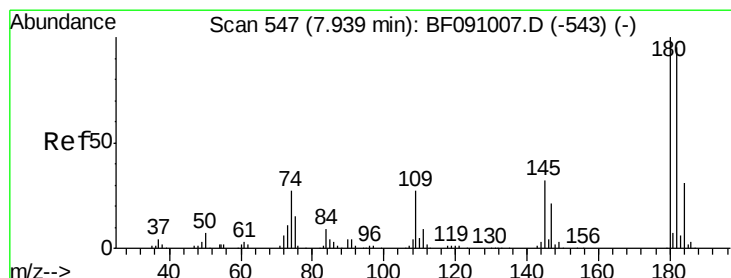
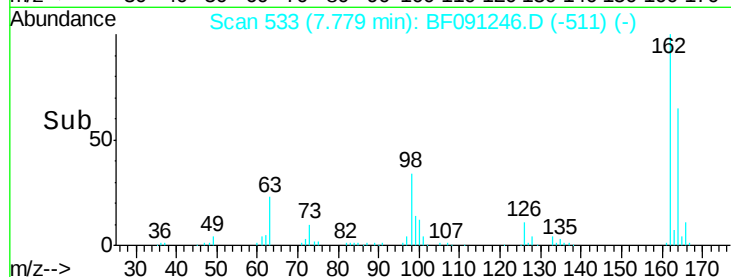
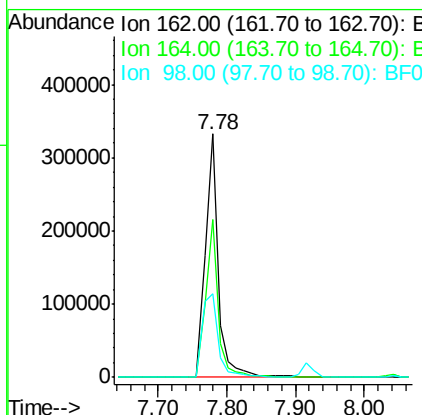
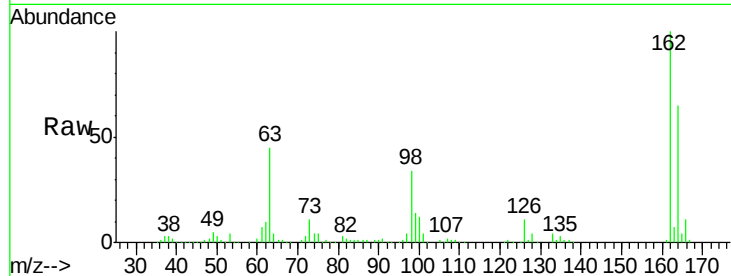




#29
 2,4-Dichlorophenol
 Concen: 46.56 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

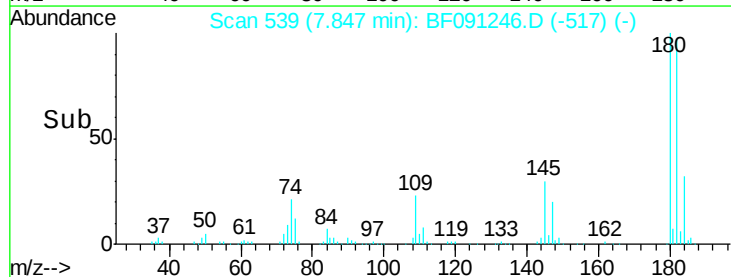
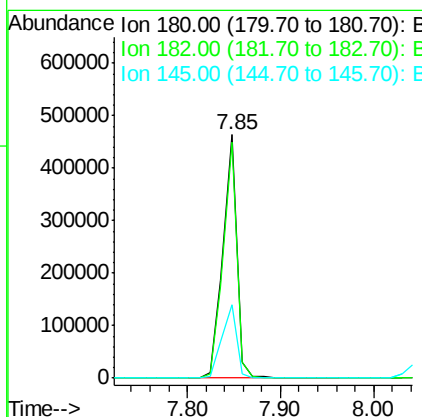
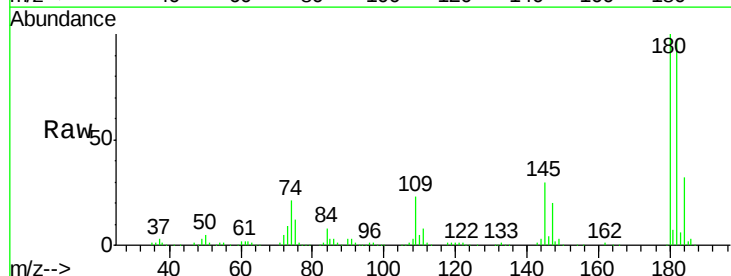
Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

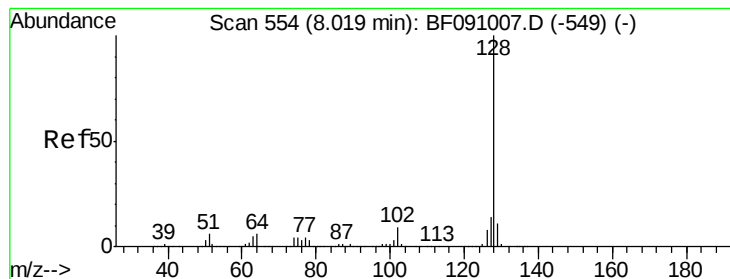
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.4	84.4
98	34.2	25.2	65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 45.80 ng
 RT: 7.85 min Scan# 539
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	30.3	25.8	38.8





#31

Naphthalene

Concen: 41.69 ng

RT: 7.92 min Scan# 545

Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

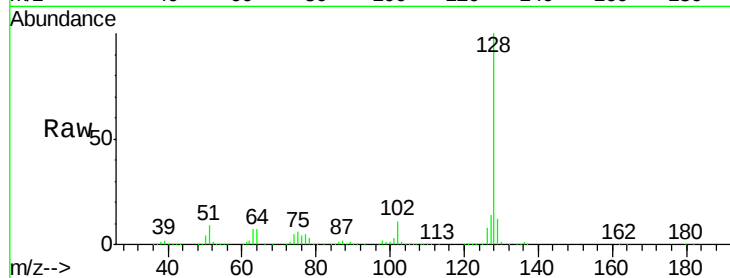
Tgt Ion:128 Resp: 1505735

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

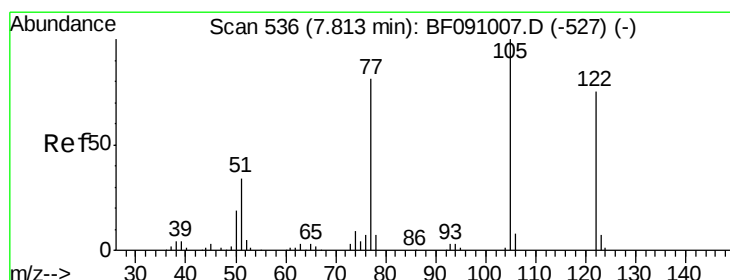
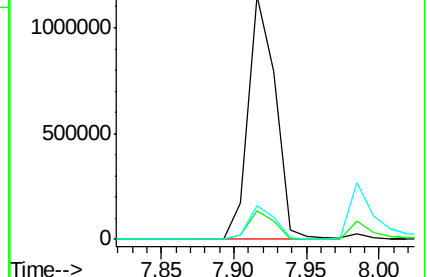
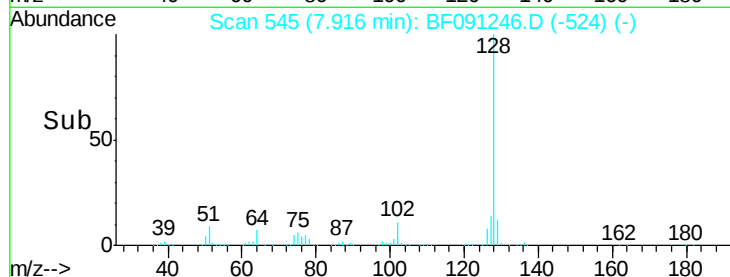
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.90 ng

RT: 7.70 min Scan# 526

Delta R.T. -0.08 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

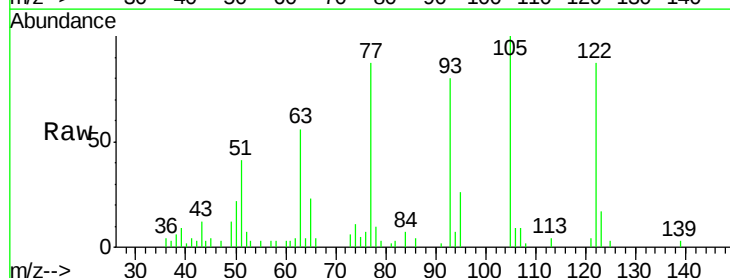
Tgt Ion:122 Resp: 26346

Ion Ratio Lower Upper

122 100

105 115.1 105.9 145.9

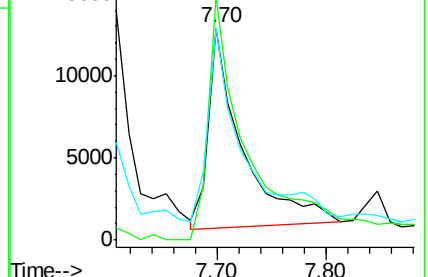
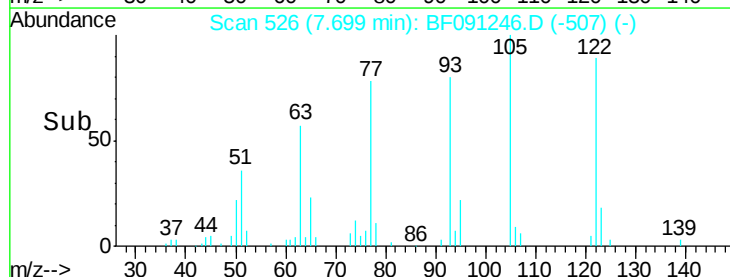
77 100.1 84.0 124.0

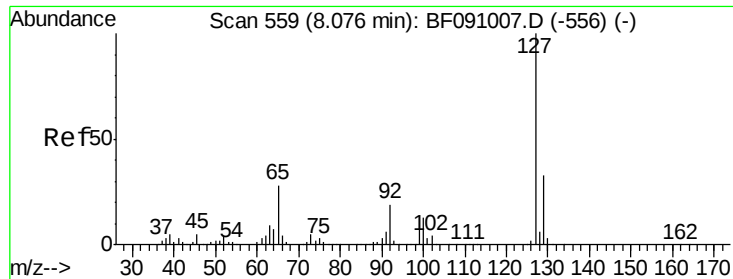


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

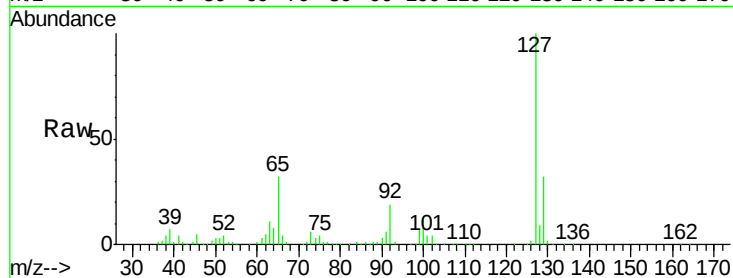




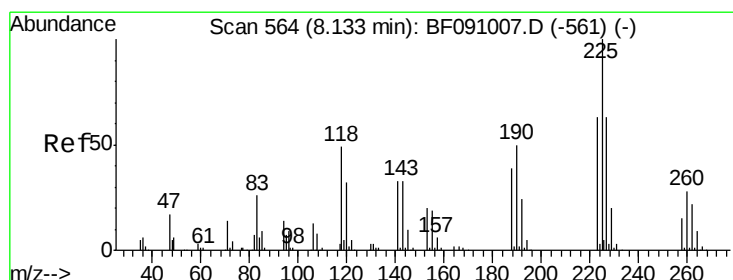
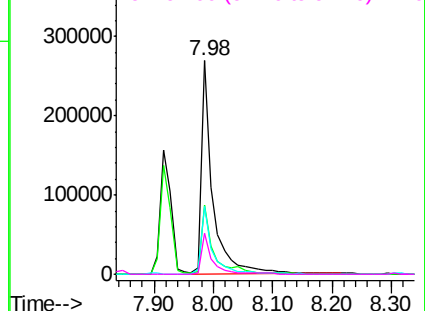
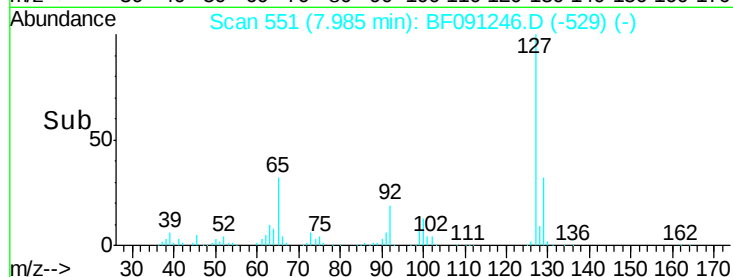
#33
4-Chloroaniline
Concen: 24.38 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

Tgt Ion:	127	Resp:	366257
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	32.1	22.2	33.2
92	19.2	15.0	22.4

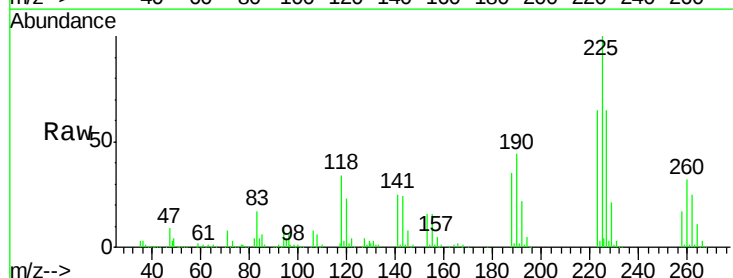


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

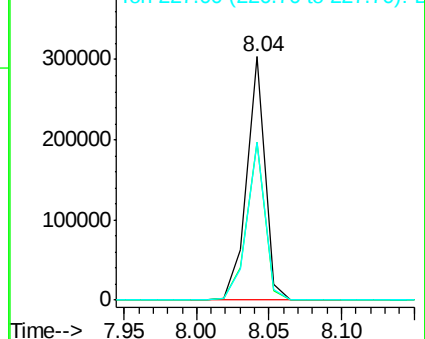
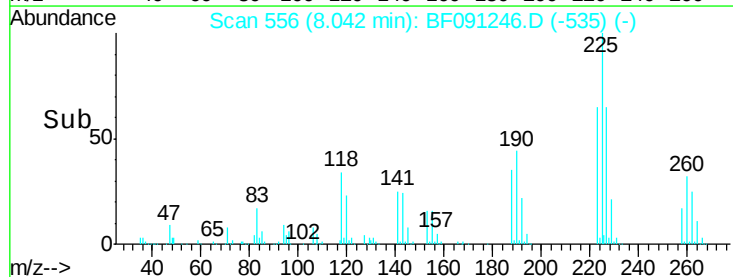


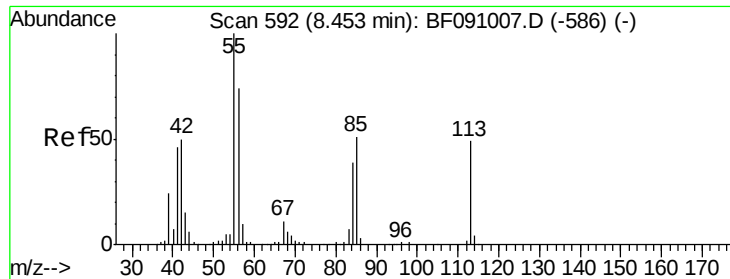
#34
Hexachlorobutadiene
Concen: 47.09 ng
RT: 8.04 min Scan# 556
Delta R.T. -0.06 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion:	225	Resp:	266908
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.4	75.6
227	64.8	50.1	75.1



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

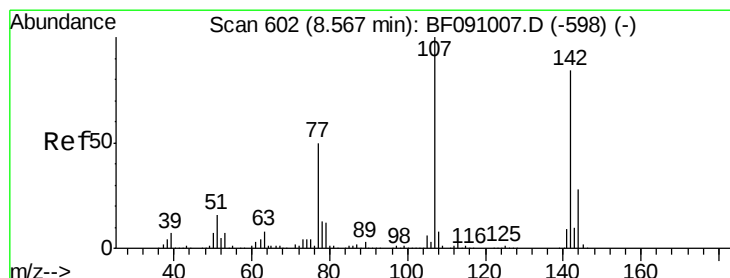
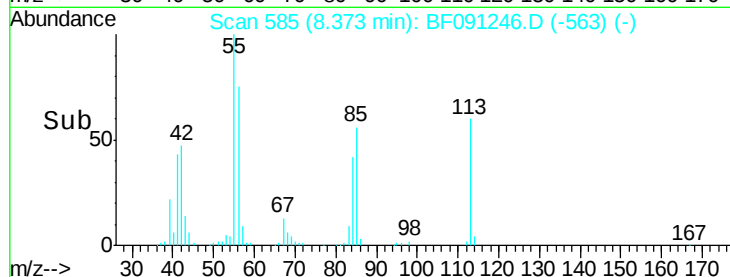
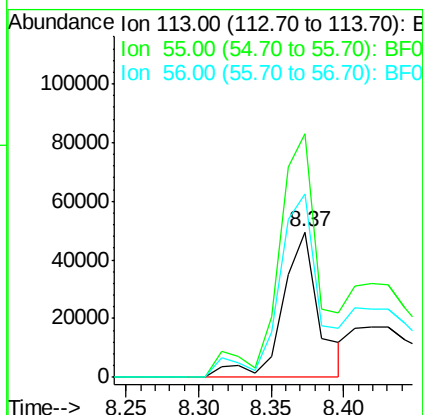
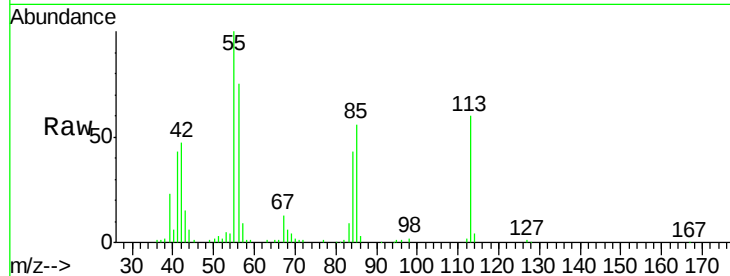




#35
 Caprolactam
 Concen: 29.33 ng
 RT: 8.37 min Scan# 585
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

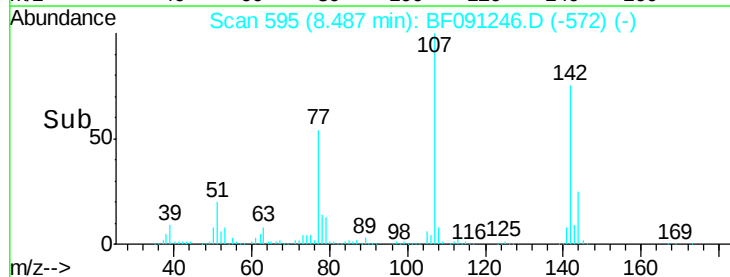
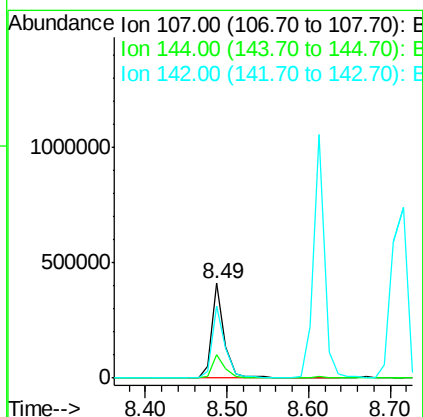
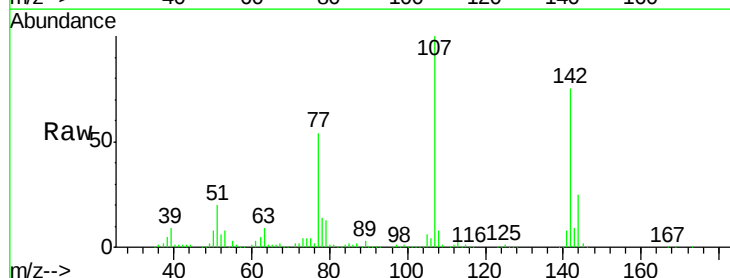
Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

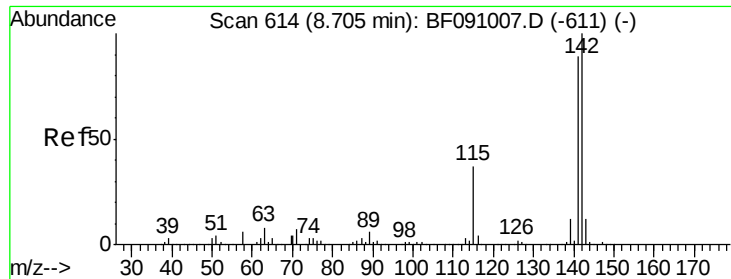
Tgt Ion:113 Resp: 86047
 Ion Ratio Lower Upper
 113 100
 55 167.8 184.1 224.1#
 56 126.5 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 39.69 ng
 RT: 8.49 min Scan# 595
 Delta R.T. -0.03 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion:107 Resp: 448713
 Ion Ratio Lower Upper
 107 100
 144 24.8 22.5 33.7
 142 75.4 67.4 101.2

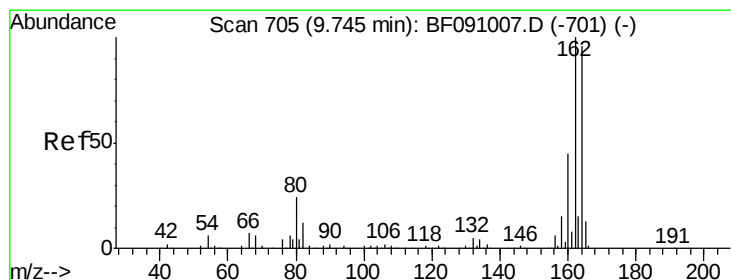
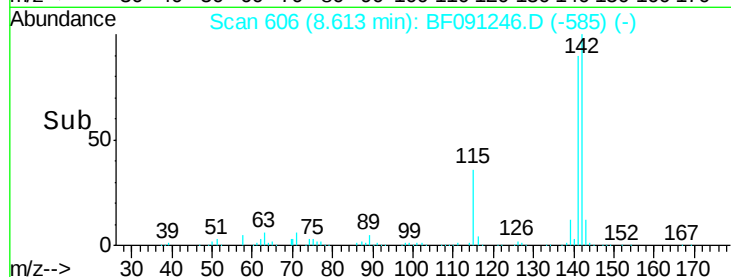
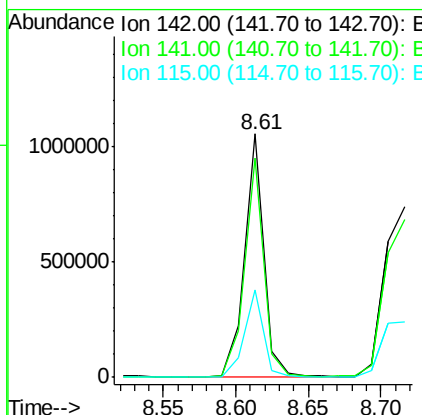
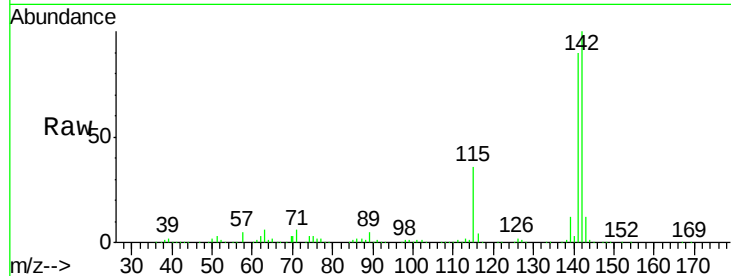




#37
2-Methylnaphthalene
Concen: 42.22 ng
RT: 8.61 min Scan# 606
Delta R.T. -0.06 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

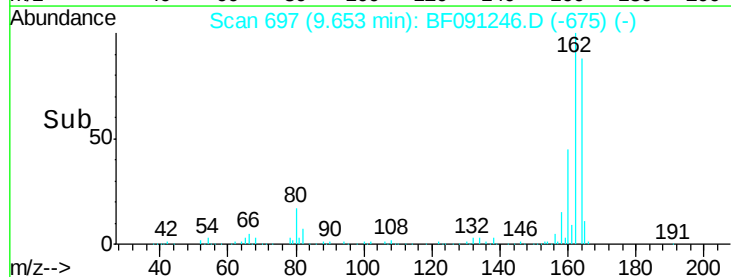
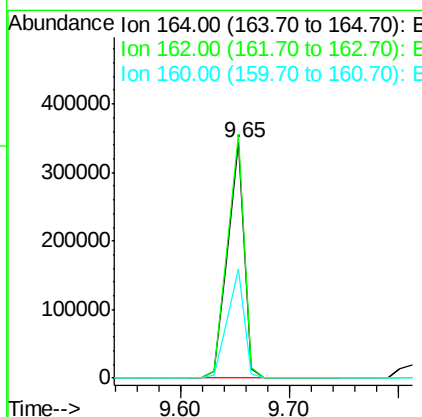
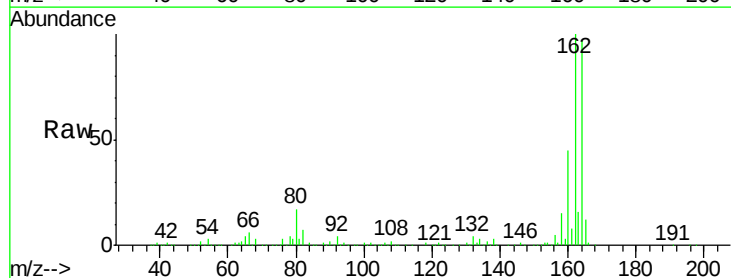
Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

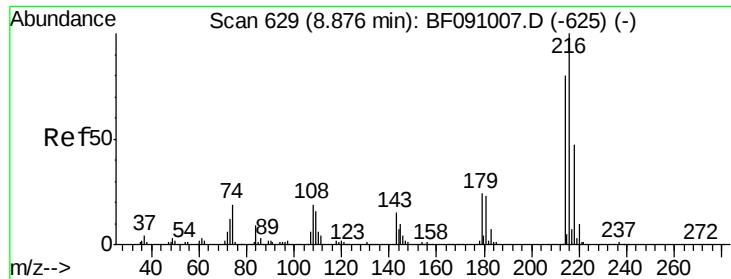
Tgt Ion:142 Resp: 980155
Ion Ratio Lower Upper
142 100
141 90.3 71.3 106.9
115 35.8 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion:164 Resp: 364070
Ion Ratio Lower Upper
164 100
162 103.4 83.6 125.4
160 46.2 37.9 56.9

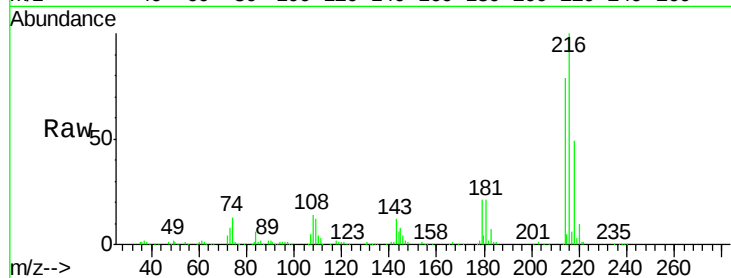




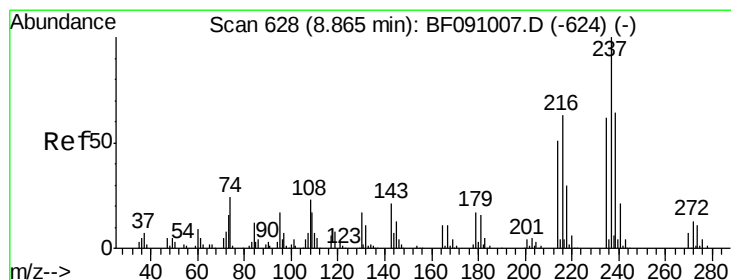
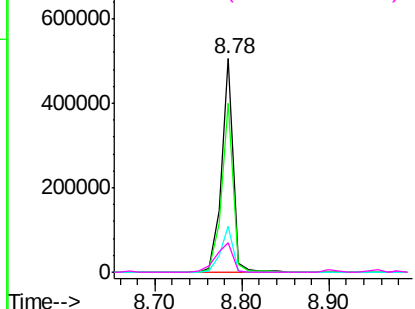
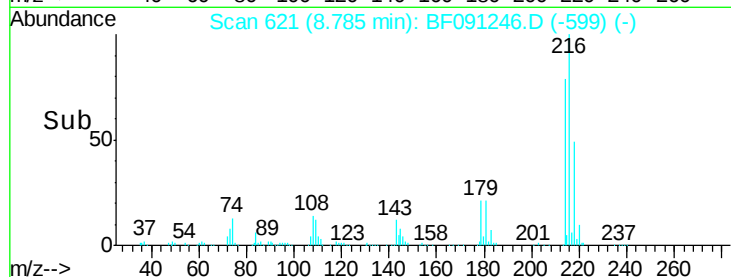
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.45 ng
 RT: 8.78 min Scan# 621
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

Tgt Ion:	216	Resp:	477577
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.5	95.3
179	22.6	19.1	28.7
108	20.4	17.5	26.3

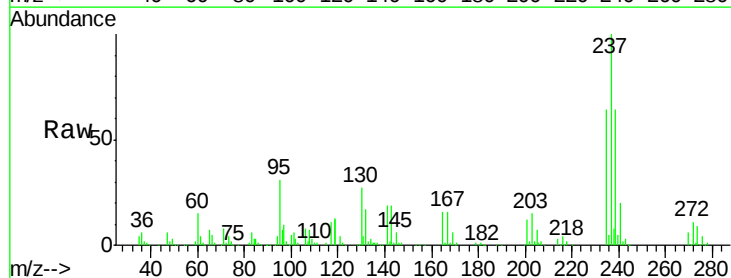


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

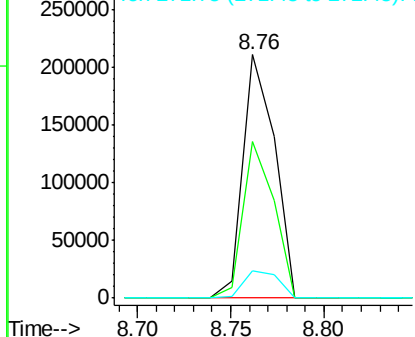
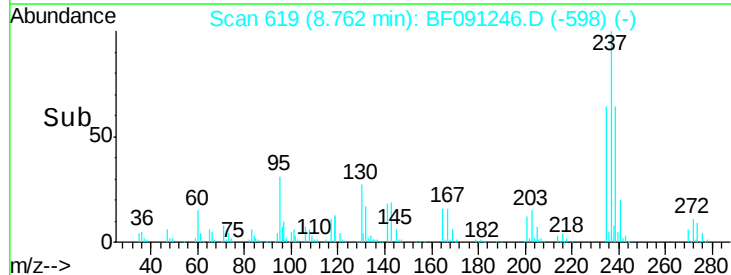


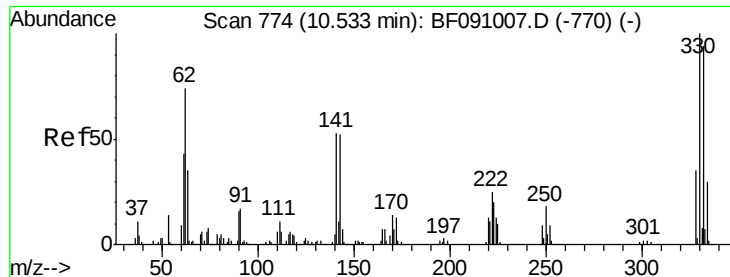
#40
 Hexachlorocyclopentadiene
 Concen: 70.88 ng
 RT: 8.76 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion:	237	Resp:	252116
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.1	82.1
272	11.1	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

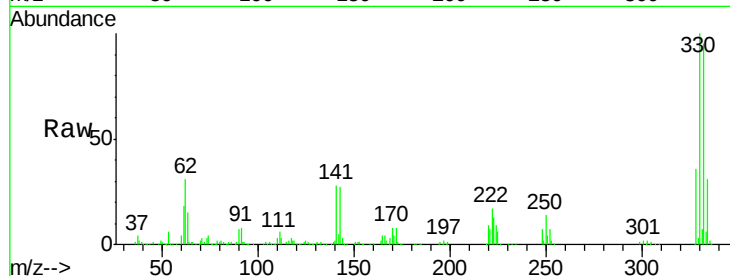




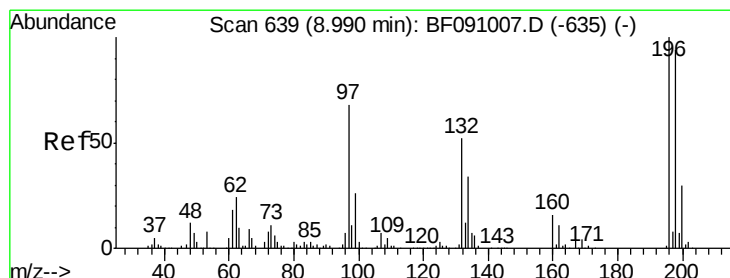
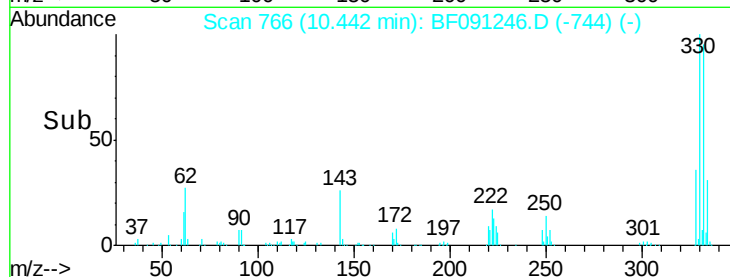
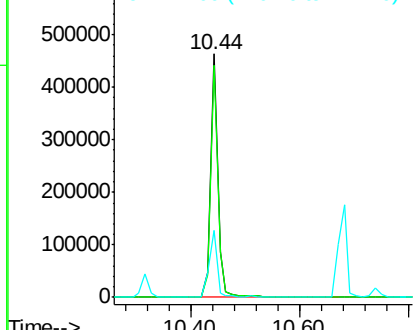
#41
 2,4,6-Tribromophenol
 Concen: 133.60 ng
 RT: 10.44 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

Tgt Ion:330 Resp: 439742
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.9 113.9
 141 30.5 36.1 54.1#

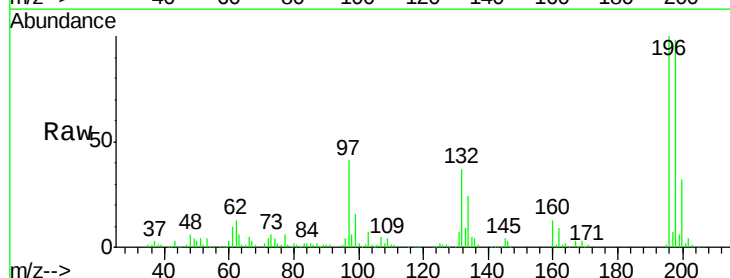


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

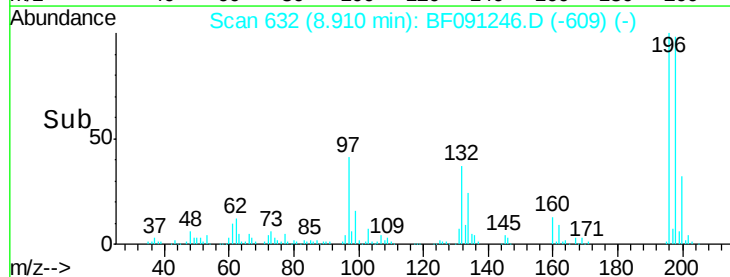
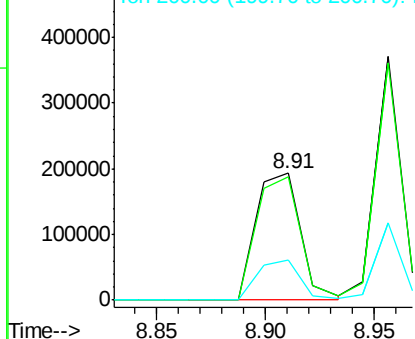


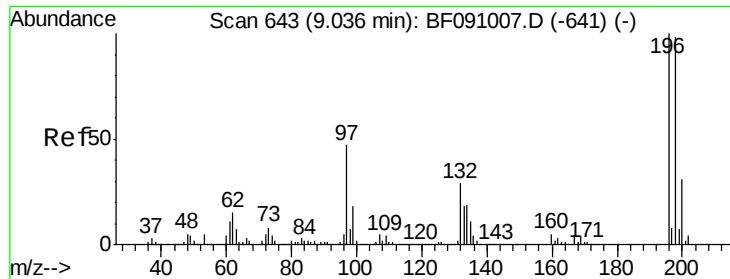
#42
 2,4,6-Trichlorophenol
 Concen: 46.35 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion:196 Resp: 277740
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.4 113.0
 200 31.9 24.1 36.1



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

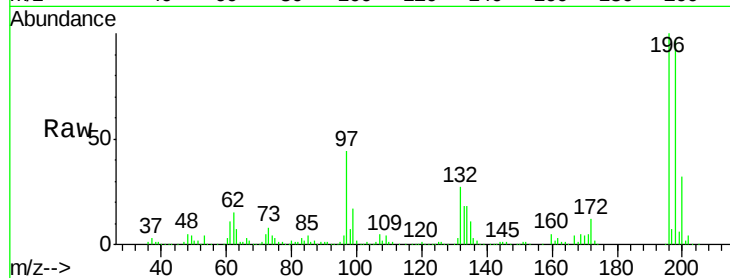




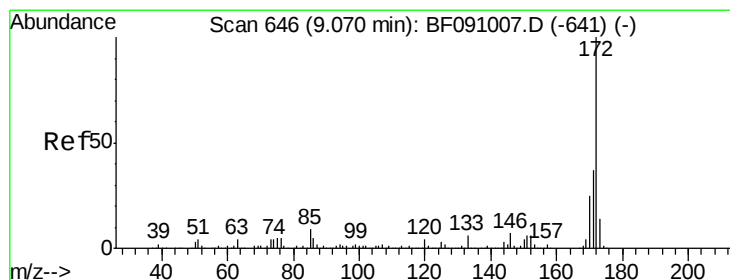
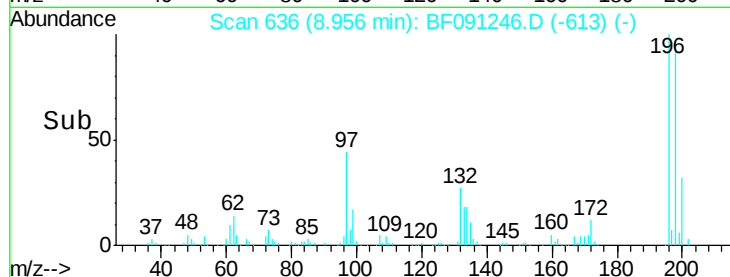
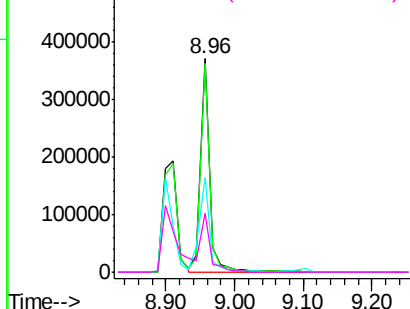
#43
 2,4,5-Trichlorophenol
 Concen: 52.23 ng
 RT: 8.96 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.2	117.4
97	44.1	38.8	58.2
132	27.5	23.5	35.3

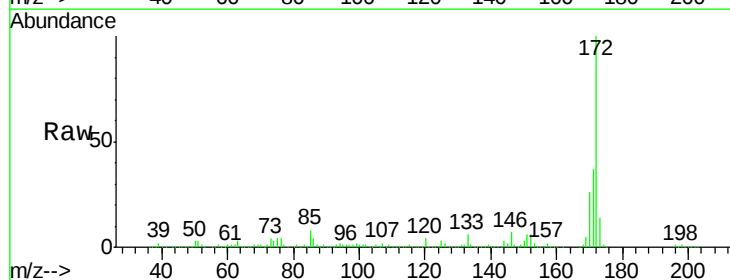


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

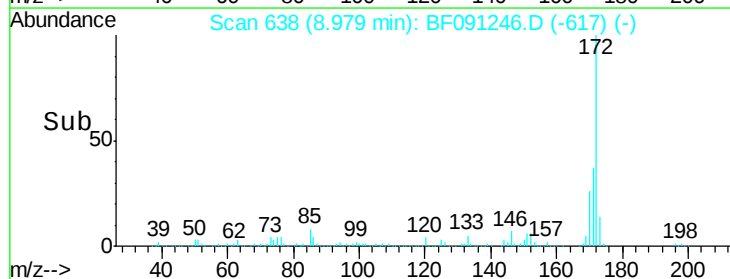
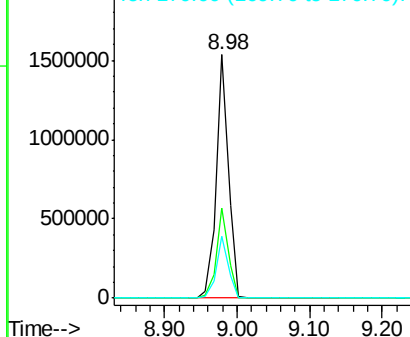


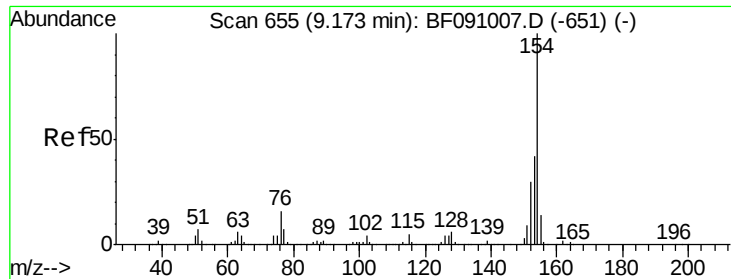
#44
 2-Fluorobiphenyl
 Concen: 85.24 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.06 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.6	20.3	30.5



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

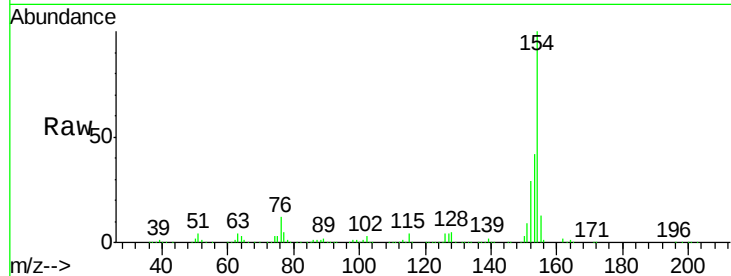




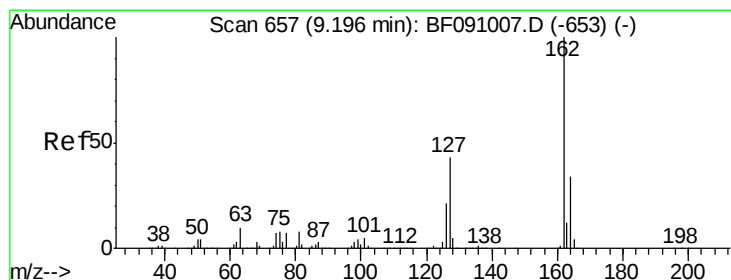
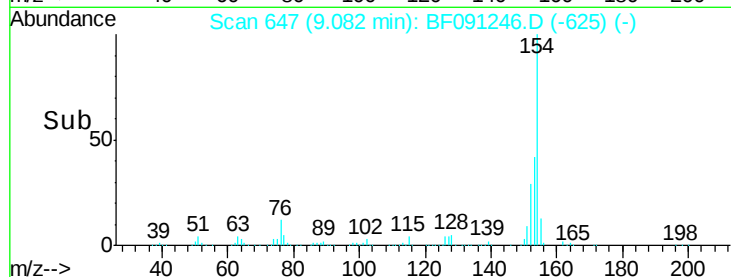
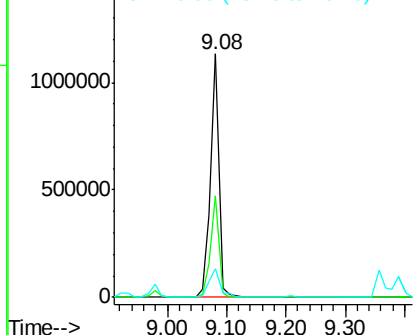
#45
 1,1'-Biphenyl
 Concen: 42.13 ng
 RT: 9.08 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

Tgt Ion:154 Resp: 1120009
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.6 61.6
 76 11.5 0.0 36.2

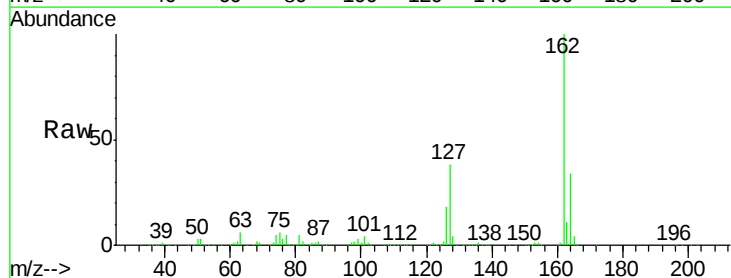


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

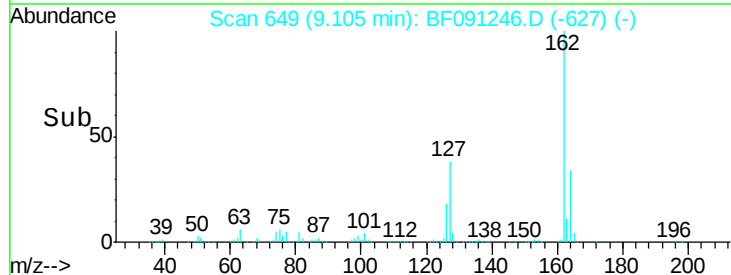
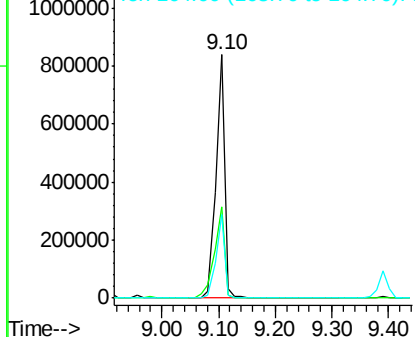


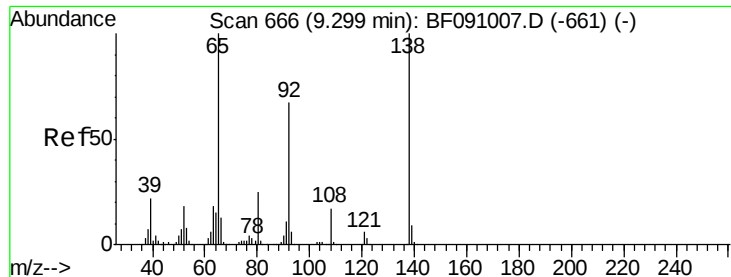
#46
 2-Chloronaphthalene
 Concen: 43.70 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion:162 Resp: 881964
 Ion Ratio Lower Upper
 162 100
 127 37.5 34.7 52.1
 164 34.4 27.0 40.4



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

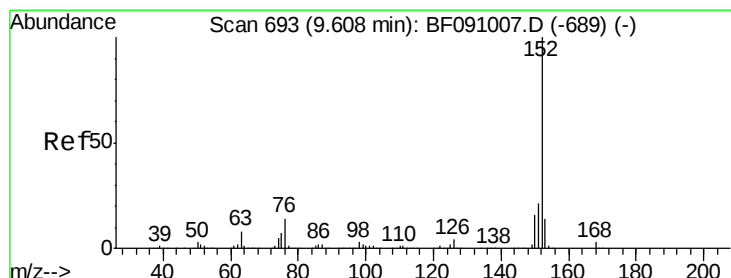
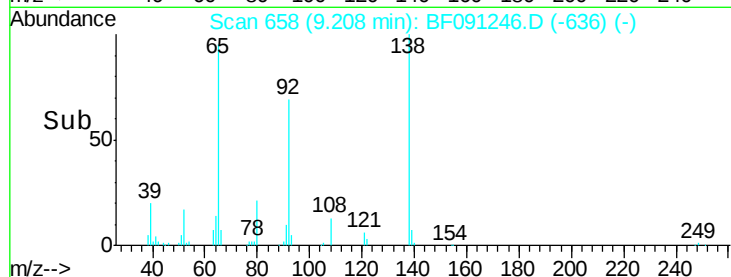
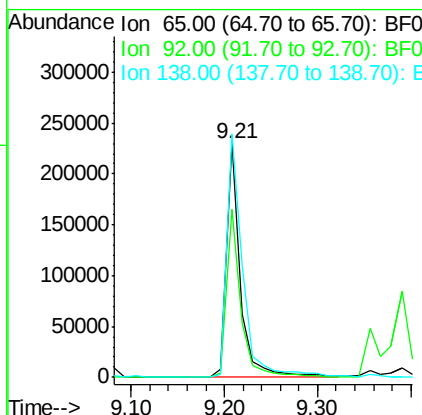
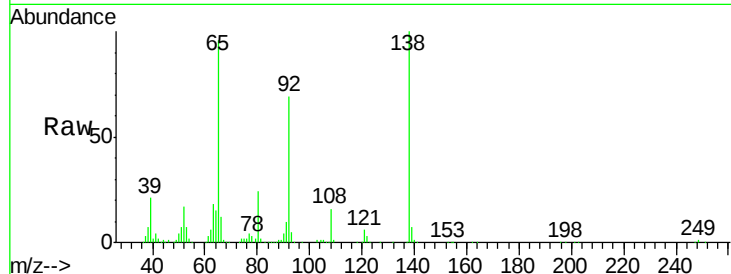




#47
2-Nitroaniline
Concen: 31.68 ng
RT: 9.21 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

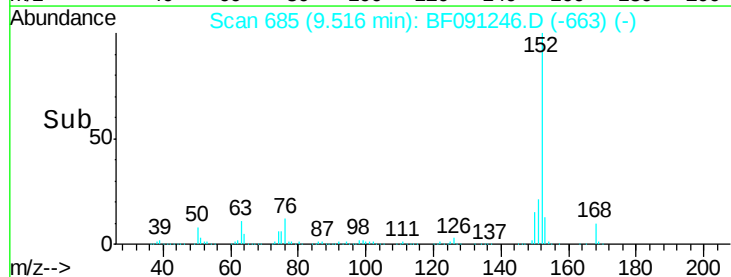
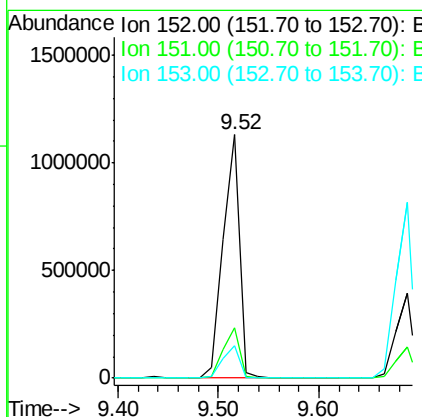
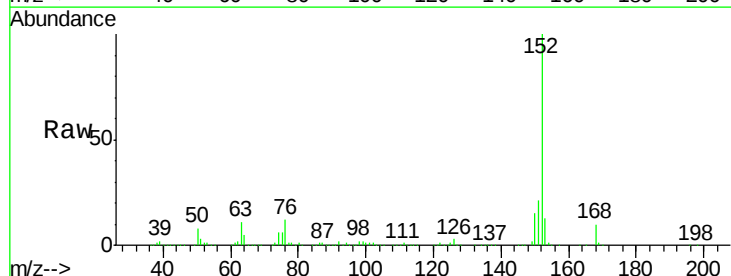
Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

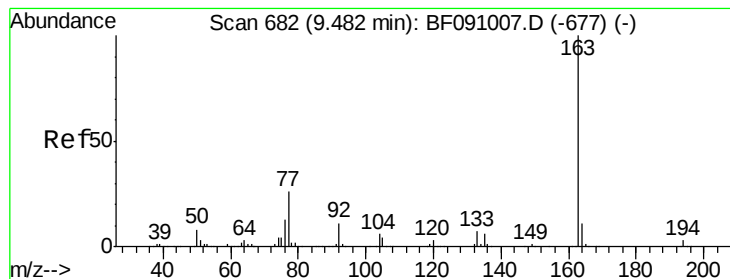
Tgt Ion: 65 Resp: 237314
Ion Ratio Lower Upper
65 100
92 71.8 53.9 80.9
138 104.0 80.1 120.1



#48
Acenaphthylene
Concen: 40.74 ng
RT: 9.52 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion: 152 Resp: 1281528
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1
153 13.3 11.1 16.7





#49

Dimethylphthalate

Concen: 44.91 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

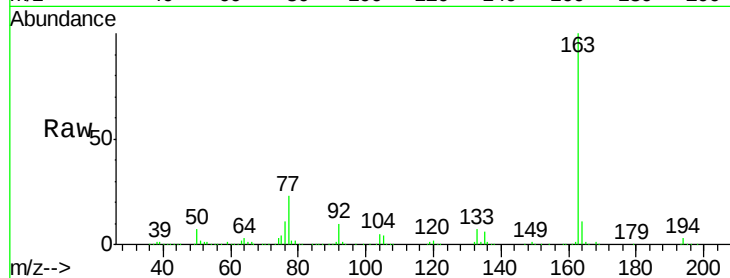
Tgt Ion:163 Resp: 1072257

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 10.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.39

800000

600000

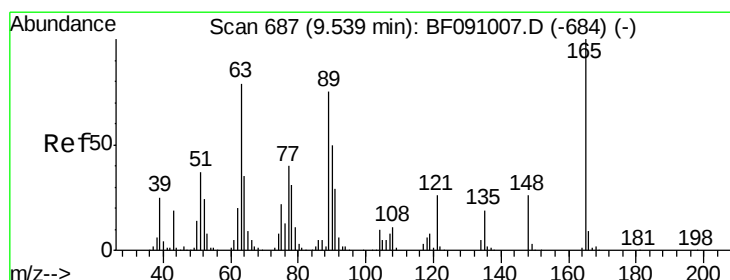
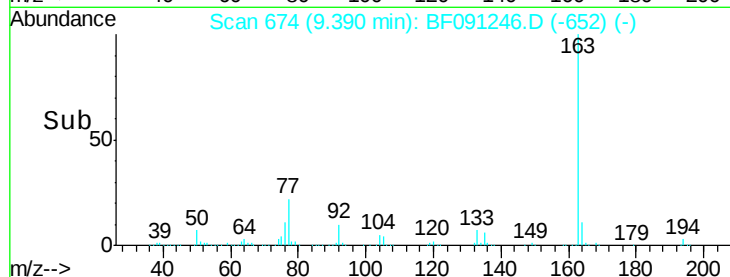
400000

200000

0

Time-->

9.30 9.40 9.50 9.60



#50

2,6-Dinitrotoluene

Concen: 47.09 ng

RT: 9.46 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

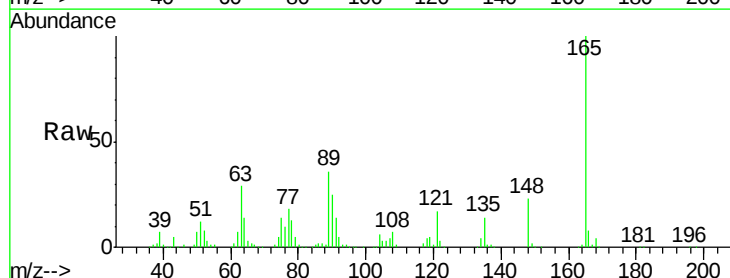
Tgt Ion:165 Resp: 240937

Ion Ratio Lower Upper

165 100

63 29.4 65.6 98.4#

89 36.5 59.8 89.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

300000

250000

200000

150000

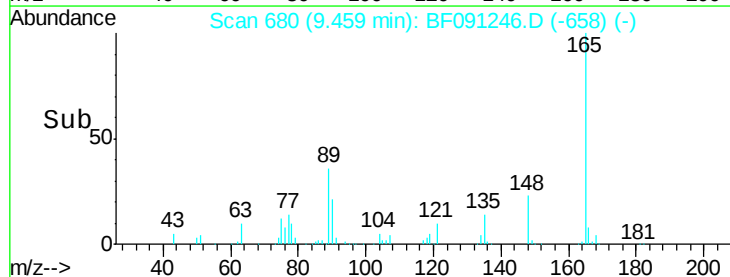
100000

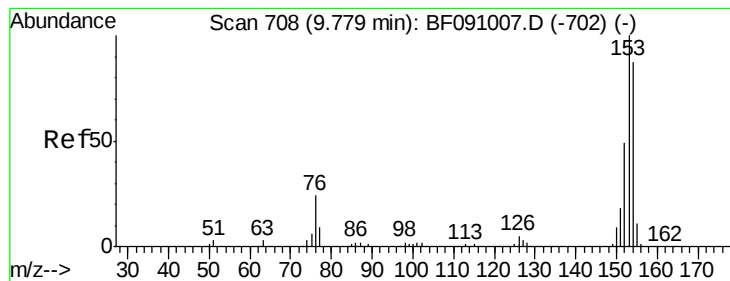
50000

0

Time-->

9.40 9.50 9.60





#51

Acenaphthene

Concen: 40.35 ng

RT: 9.69 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

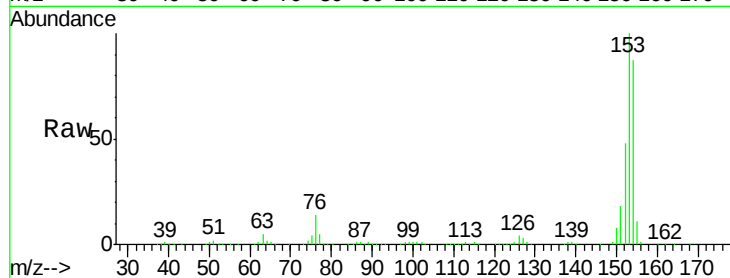
Tgt Ion:154 Resp: 796868

Ion Ratio Lower Upper

154 100

153 115.0 91.6 137.4

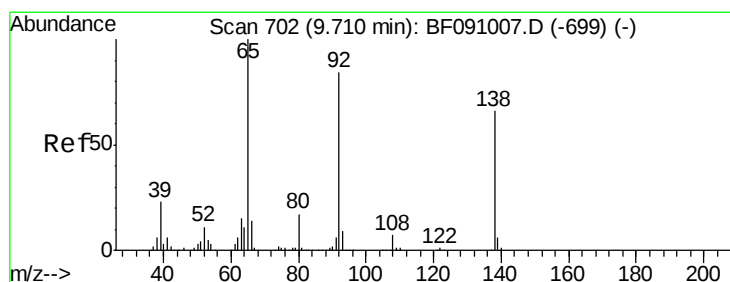
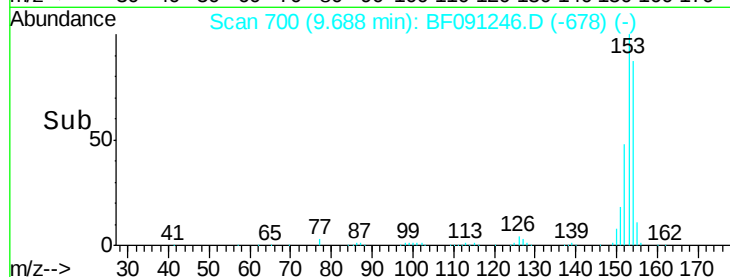
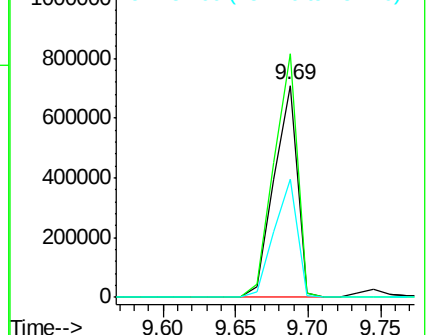
152 55.6 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.15 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

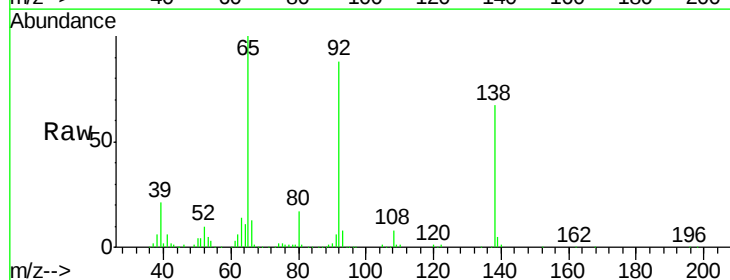
Tgt Ion:138 Resp: 158625

Ion Ratio Lower Upper

138 100

108 11.1 8.4 12.6

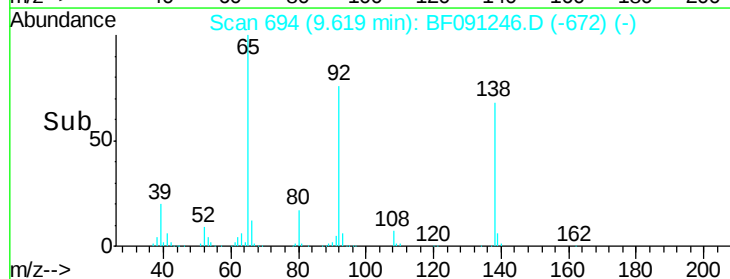
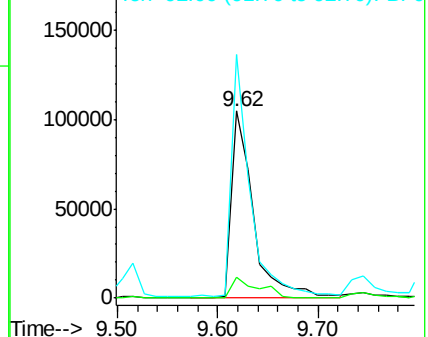
92 130.4 101.1 151.7

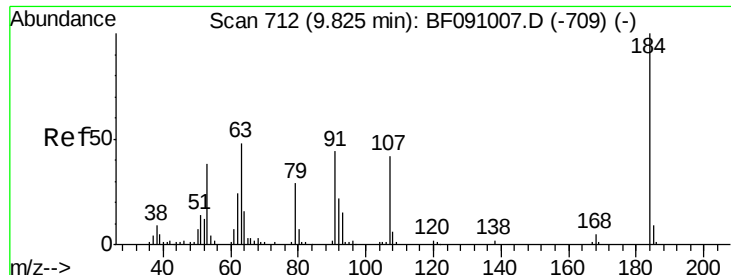


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

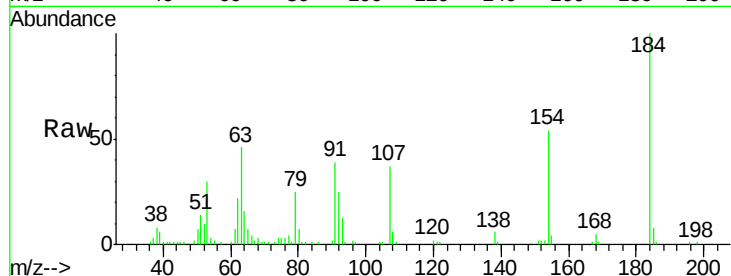




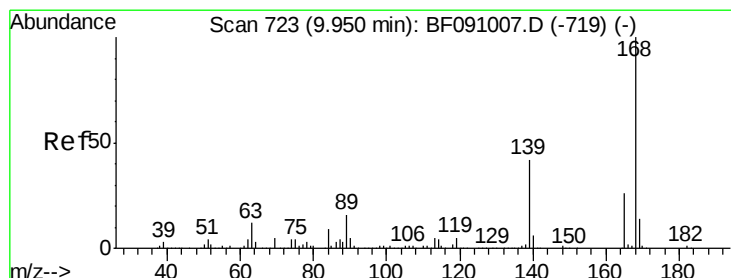
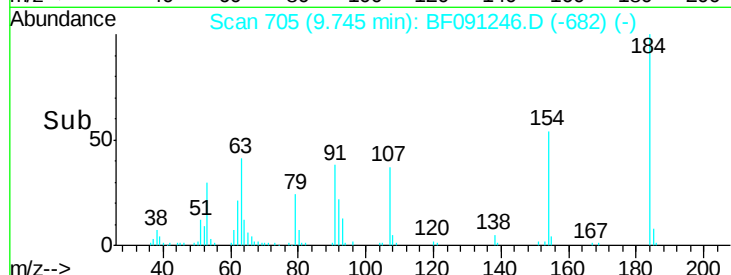
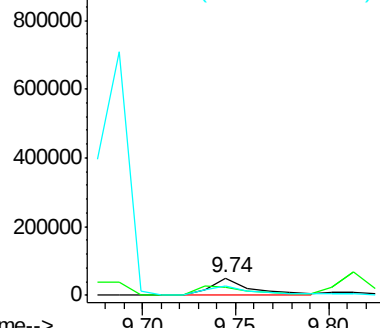
#53
 2,4-Dinitrophenol
 Concen: 32.18 ng
 RT: 9.74 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

Tgt Ion:184 Resp: 78375
 Ion Ratio Lower Upper
 184 100
 63 46.2 45.5 68.3
 154 54.1 51.0 76.4

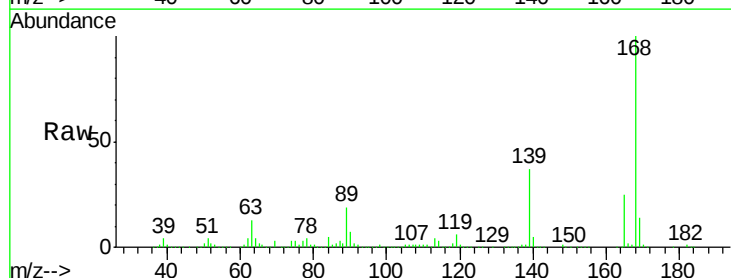


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

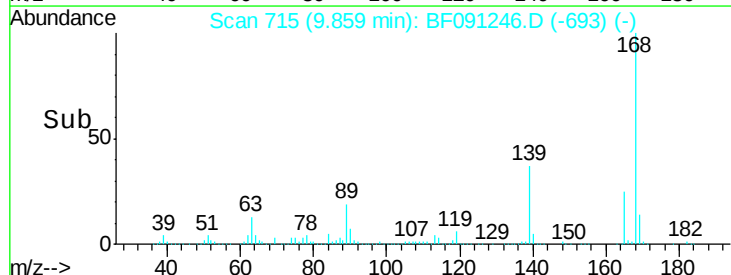
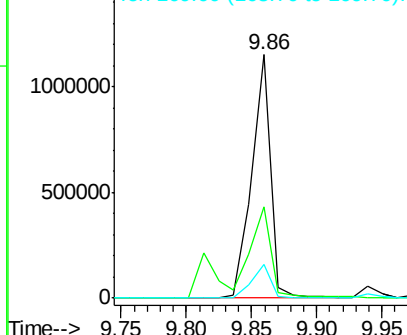


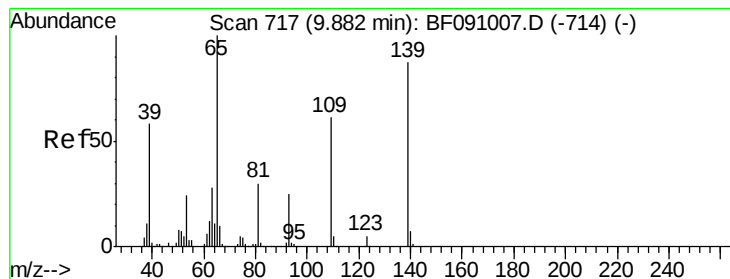
#54
 Dibenzofuran
 Concen: 43.52 ng
 RT: 9.86 min Scan# 715
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion:168 Resp: 1156710
 Ion Ratio Lower Upper
 168 100
 139 37.3 34.8 52.2
 169 13.6 11.4 17.2



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





#55

4-Nitrophenol

Concen: 59.94 ng

RT: 9.81 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

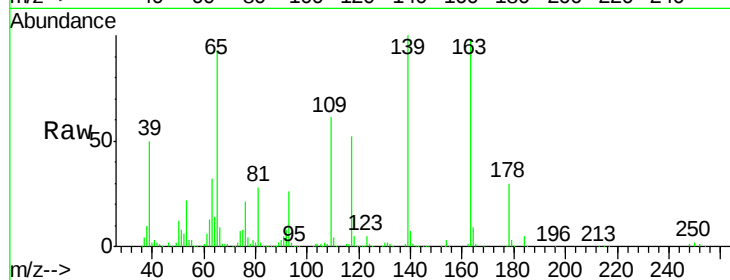
Tgt Ion:139 Resp: 235926

Ion Ratio Lower Upper

139 100

109 61.3 50.5 90.5

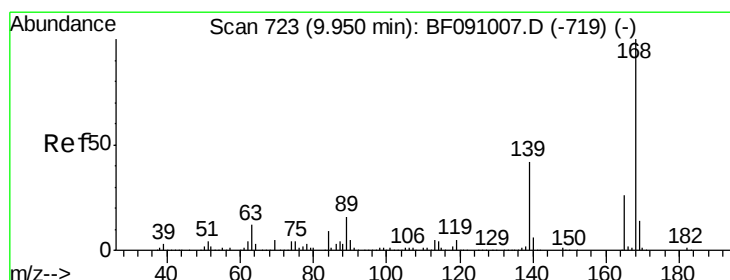
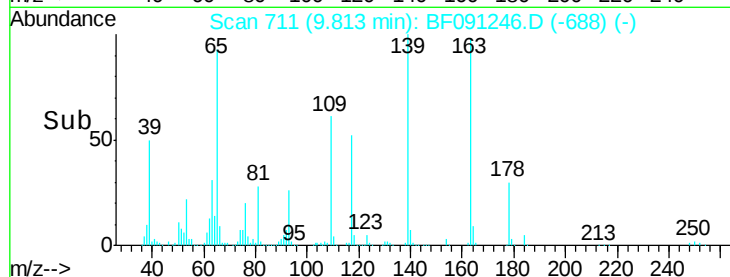
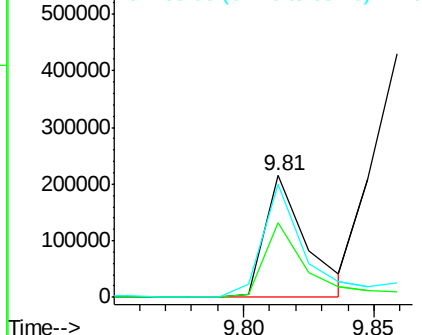
65 92.8 97.1 137.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.70 ng

RT: 9.86 min Scan# 715

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Tgt Ion:165 Resp: 264950

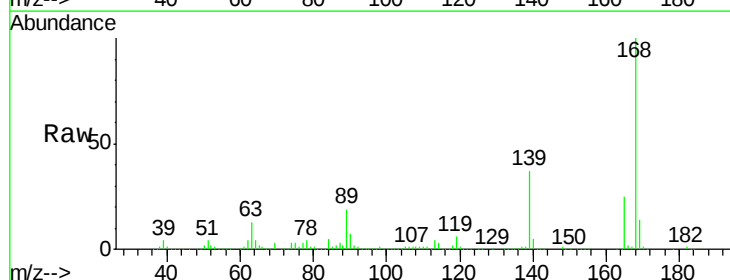
Ion Ratio Lower Upper

165 100

63 53.1 38.7 58.1

89 79.1 50.6 76.0#

182 2.3 1.8 2.8

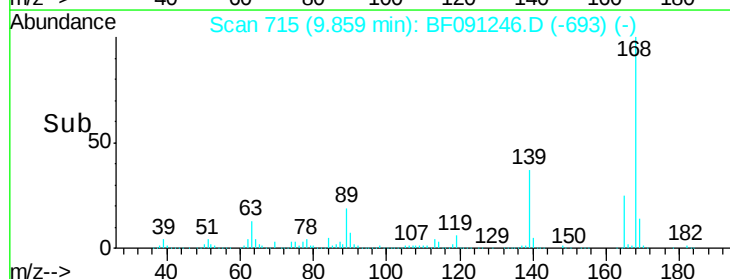
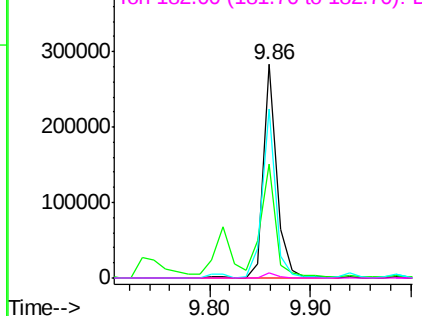


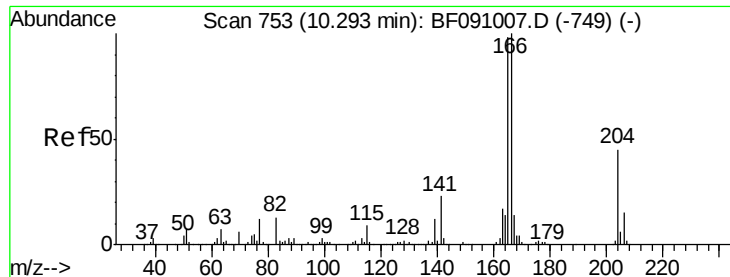
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.25 ng

RT: 10.20 min Scan# 745

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

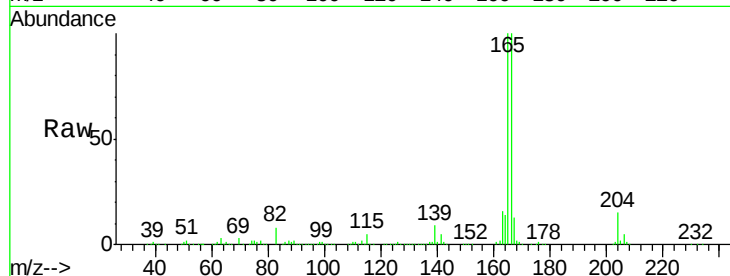
Tgt Ion:166 Resp: 917940

Ion Ratio Lower Upper

166 100

165 99.9 78.6 118.0

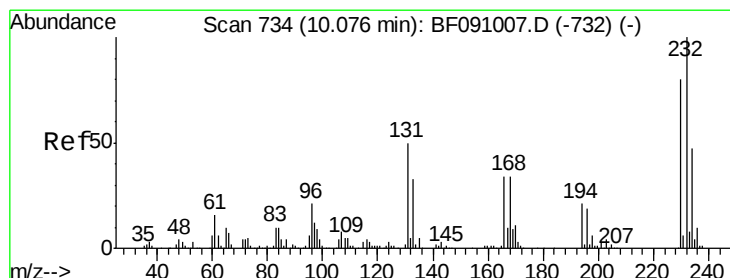
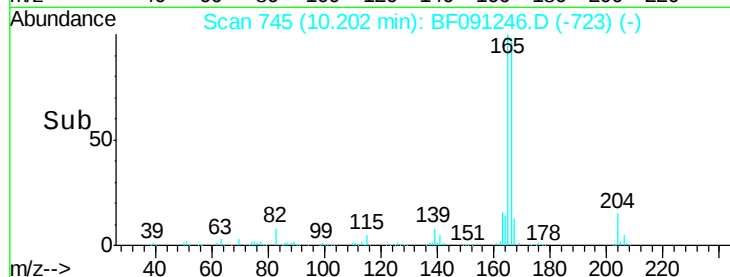
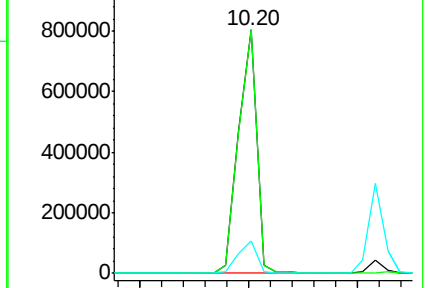
167 13.4 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.03 ng

RT: 9.98 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Tgt Ion:232 Resp: 261389

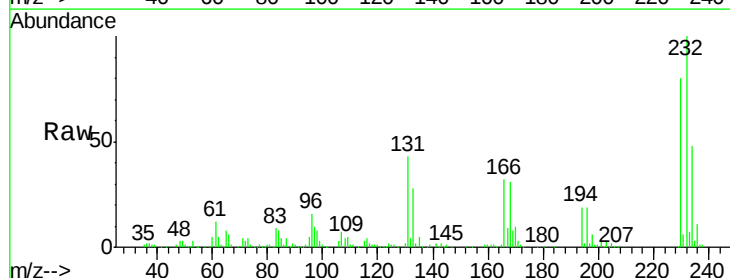
Ion Ratio Lower Upper

232 100

131 42.8 43.6 65.4#

130 2.0 2.0 3.0

166 29.5 27.4 41.2

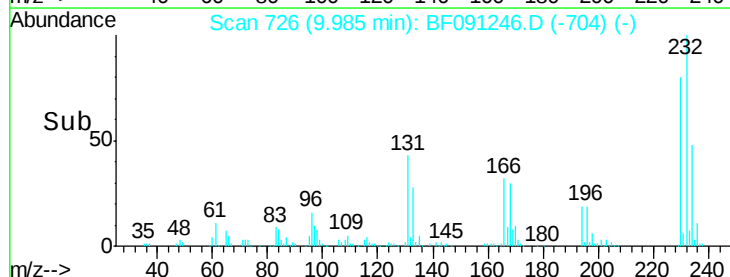
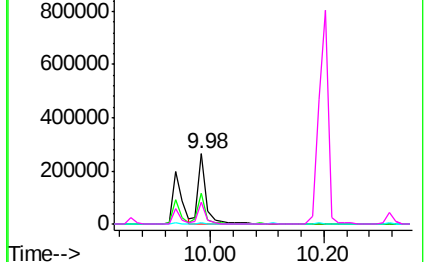


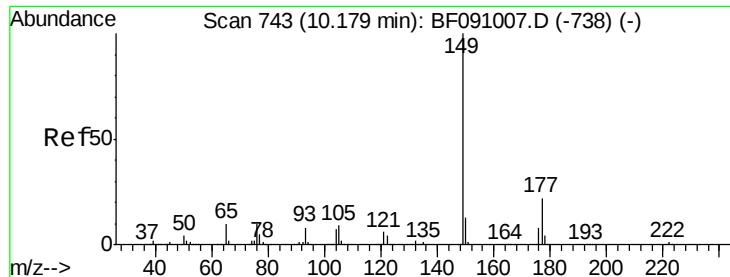
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

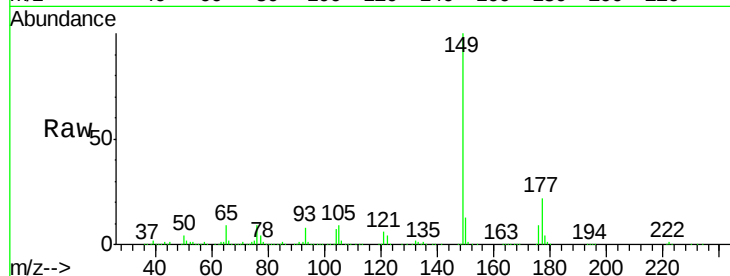




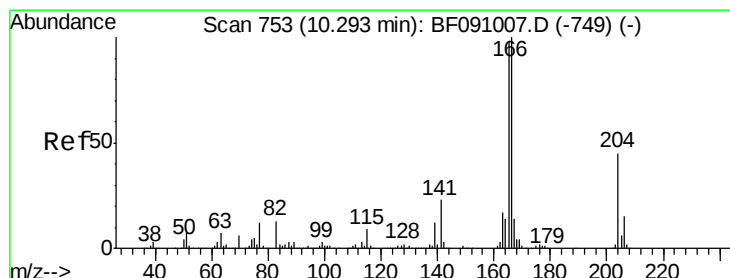
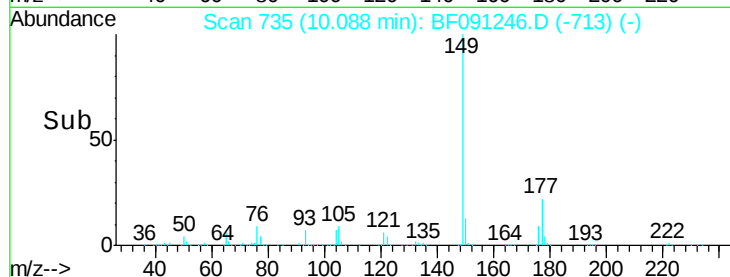
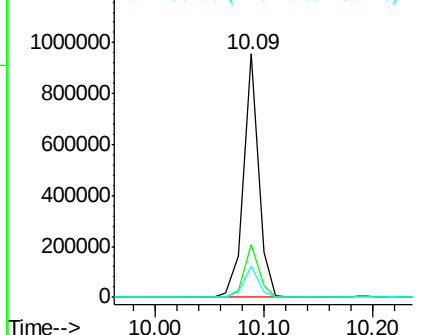
#59
Diethylphthalate
Concen: 37.15 ng
RT: 10.09 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

Tgt Ion:149 Resp: 909167
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.9 10.3 15.5

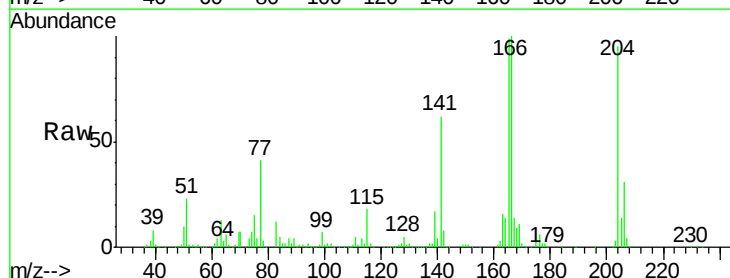


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

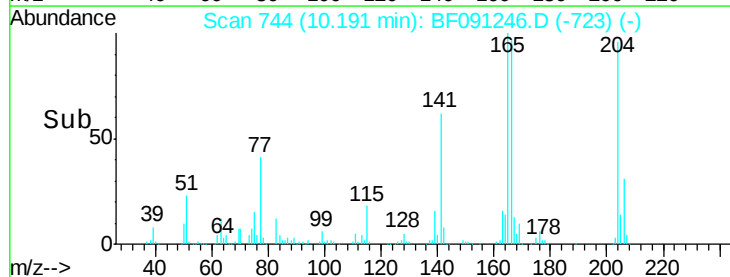
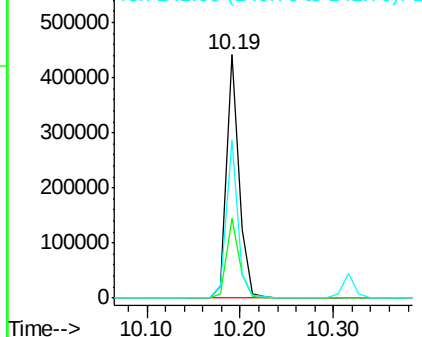


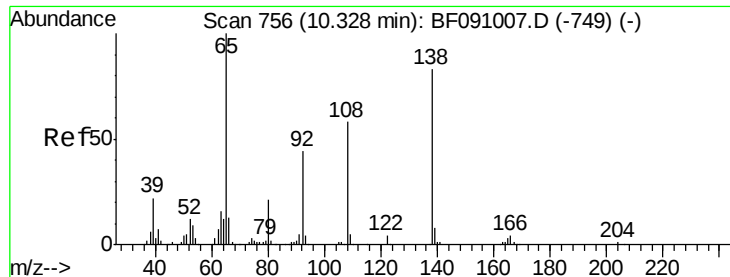
#60
4-Chlorophenyl-phenylether
Concen: 41.84 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion:204 Resp: 413752
Ion Ratio Lower Upper
204 100
206 32.6 27.1 40.7
141 65.1 40.1 60.1#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.27 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

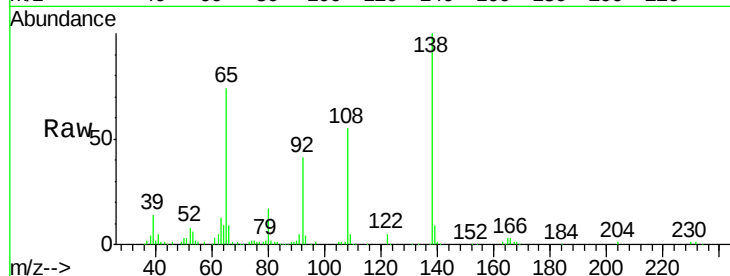
Tgt Ion:138 Resp: 191940

Ion Ratio Lower Upper

138 100

92 40.5 32.5 72.5

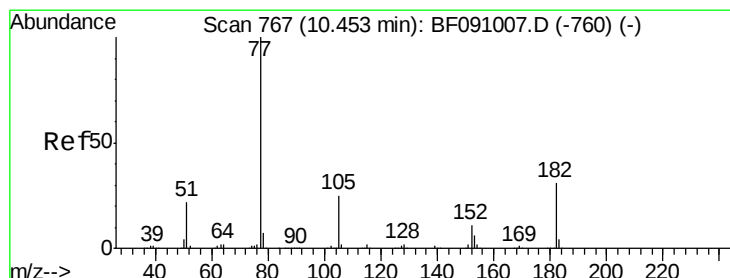
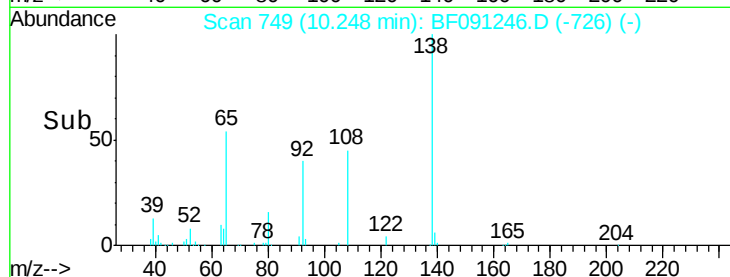
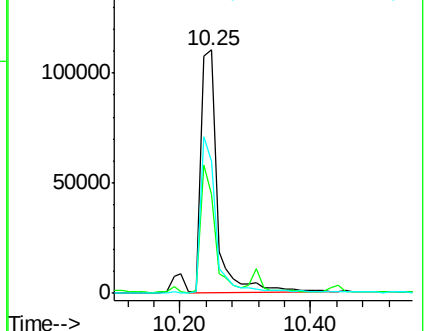
108 54.5 49.4 89.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.65 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Tgt Ion: 77 Resp: 911913

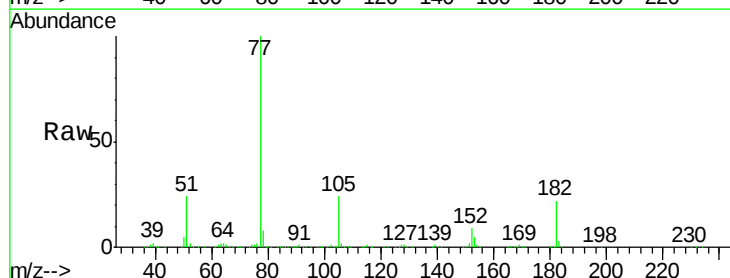
Ion Ratio Lower Upper

77 100

182 22.1 11.0 51.0

105 24.4 5.6 45.6

51 24.1 2.7 42.7

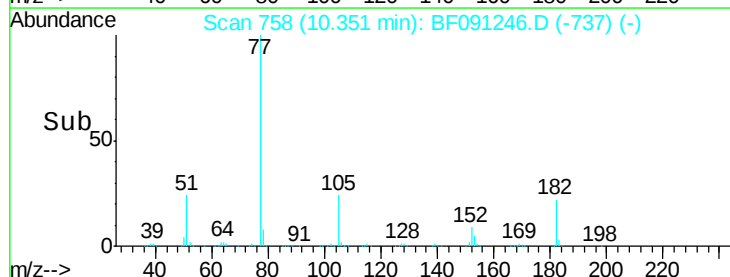
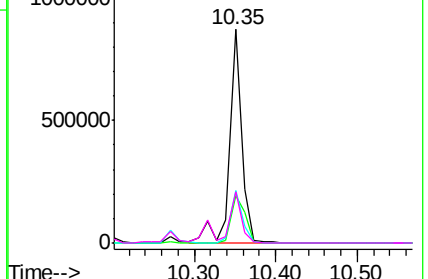


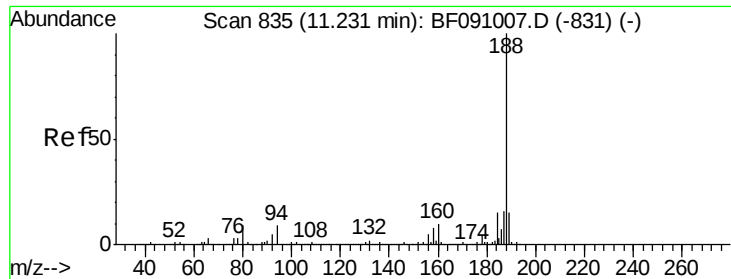
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

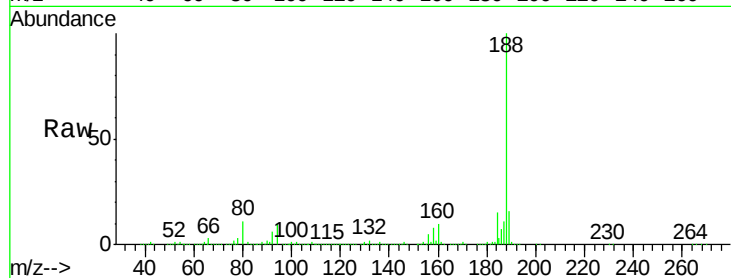




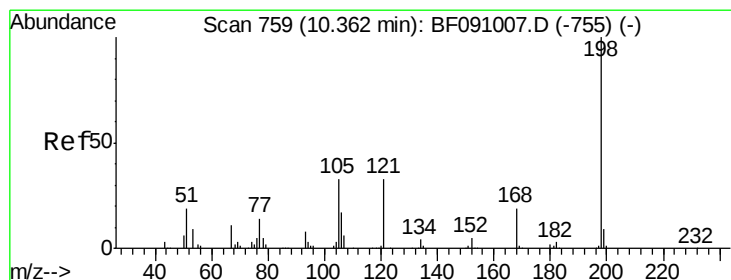
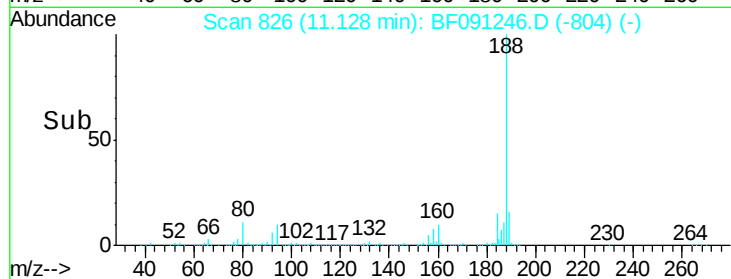
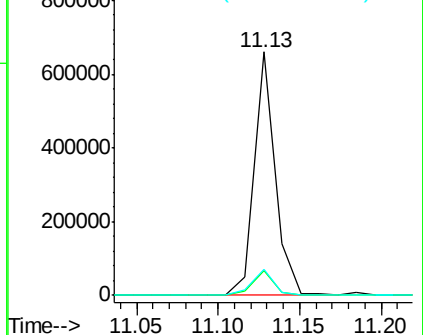
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

Tgt Ion:188 Resp: 593014
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 10.8 7.5 11.3

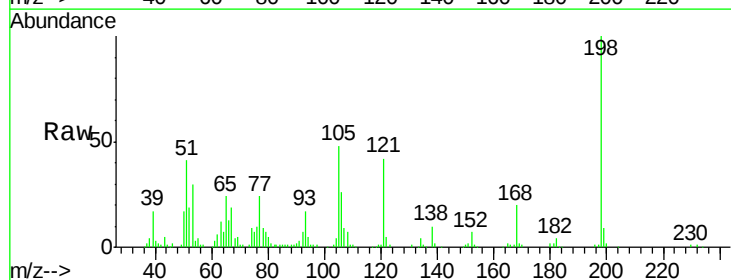


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

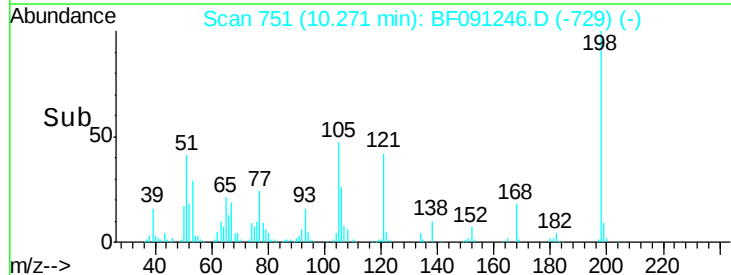
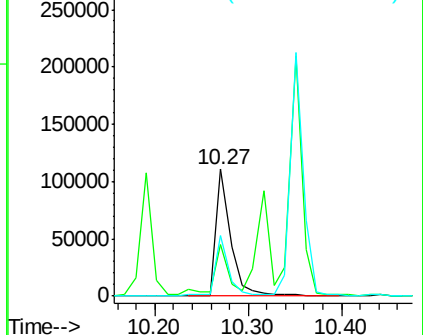


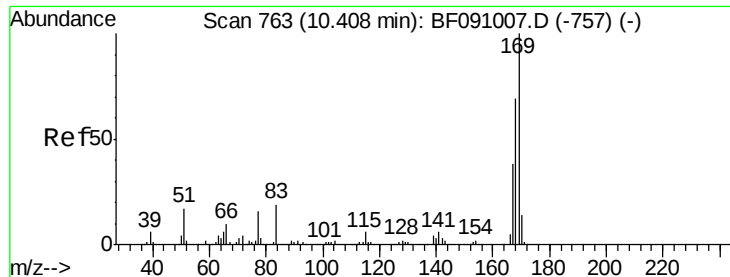
#64
4,6-Dinitro-2-methylphenol
Concen: 33.38 ng
RT: 10.27 min Scan# 751
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion:198 Resp: 121206
Ion Ratio Lower Upper
198 100
51 41.2 5.9 45.9
105 47.5 13.8 53.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

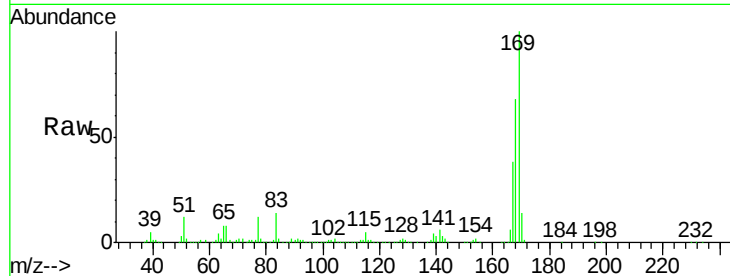




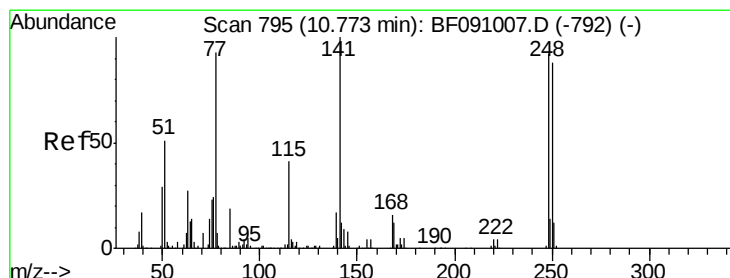
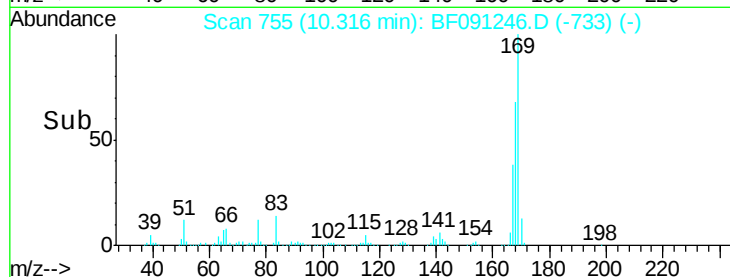
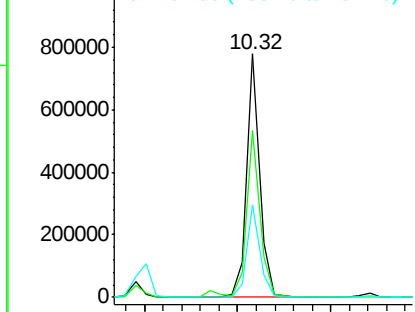
#65
n-Nitrosodiphenylamine
Concen: 39.90 ng
RT: 10.32 min Scan# 755
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

Tgt Ion:169 Resp: 752009
Ion Ratio Lower Upper
169 100
168 68.5 55.3 82.9
167 38.1 30.3 45.5

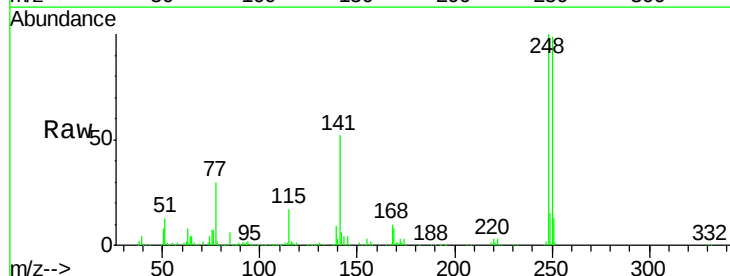


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

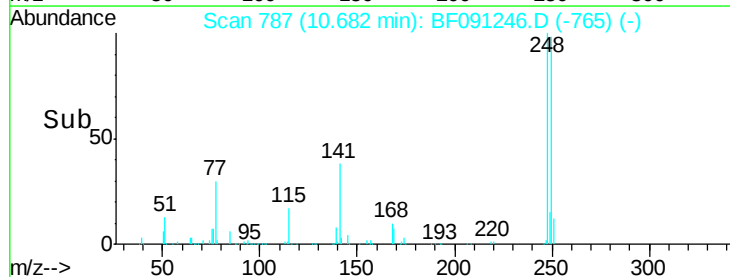
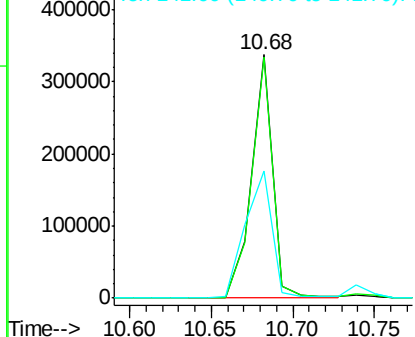


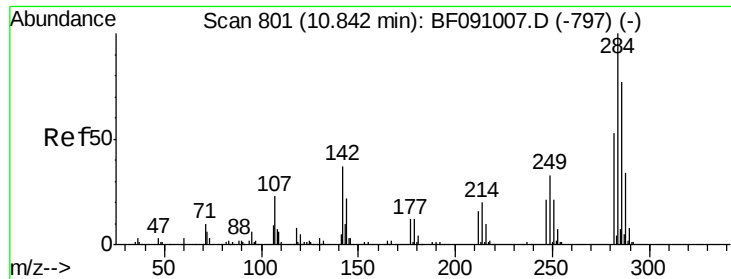
#66
4-Bromophenyl-phenylether
Concen: 49.12 ng
RT: 10.68 min Scan# 787
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion:248 Resp: 302986
Ion Ratio Lower Upper
248 100
250 99.2 76.3 114.5
141 52.1 86.8 130.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

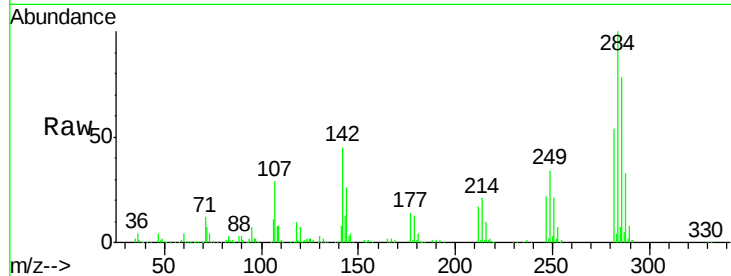




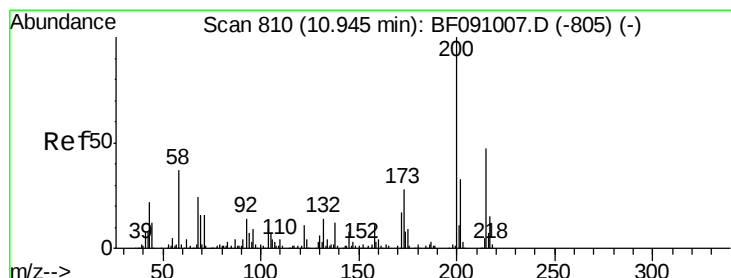
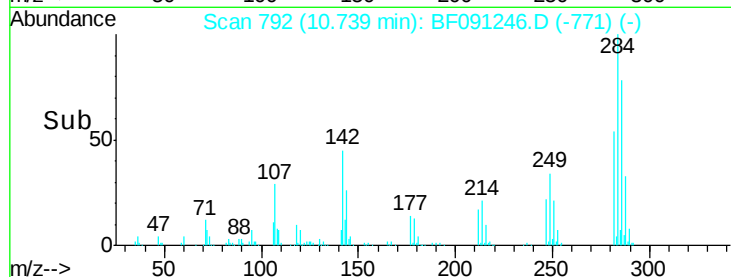
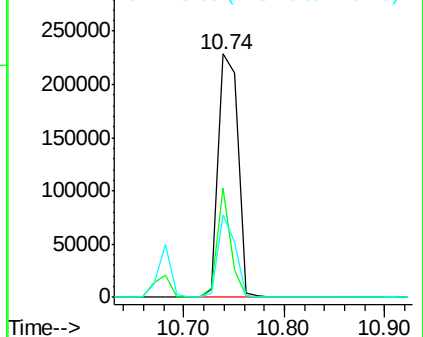
#67
Hexachlorobenzene
Concen: 45.91 ng
RT: 10.74 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

Tgt Ion:284 Resp: 312318
Ion Ratio Lower Upper
284 100
142 44.9 29.9 44.9
249 33.9 26.6 39.8

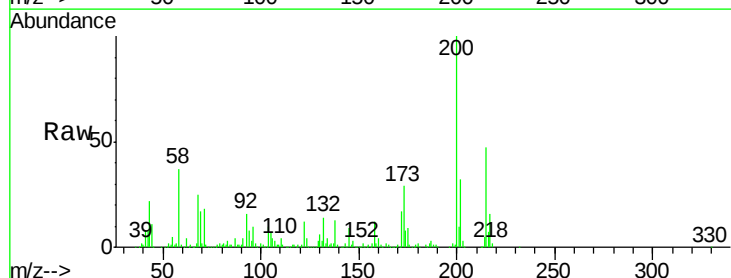


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

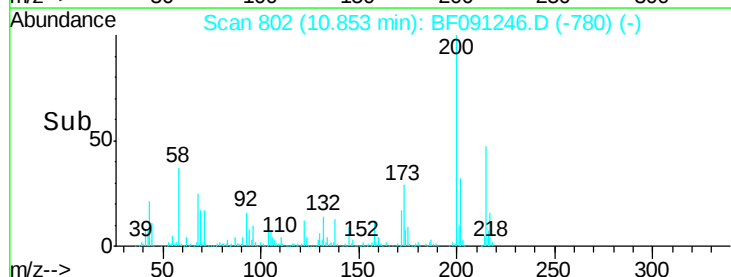
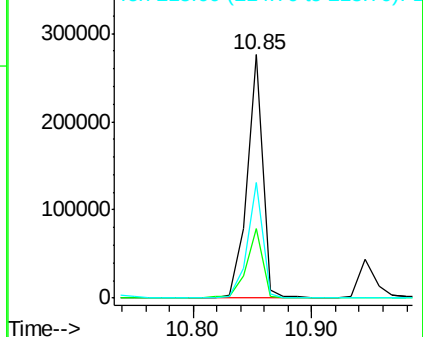


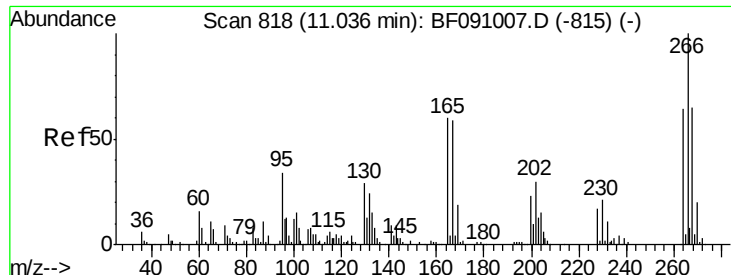
#68
Atrazine
Concen: 46.99 ng
RT: 10.85 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion:200 Resp: 255534
Ion Ratio Lower Upper
200 100
173 28.6 8.1 48.1
215 47.4 27.3 67.3



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

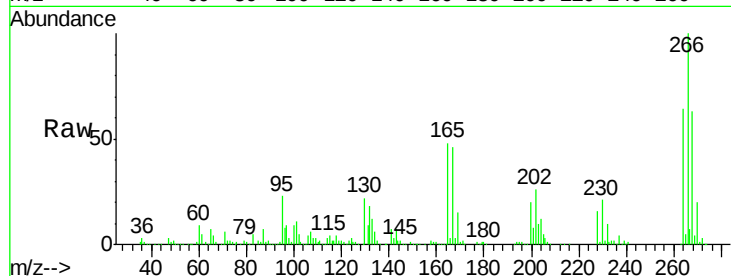




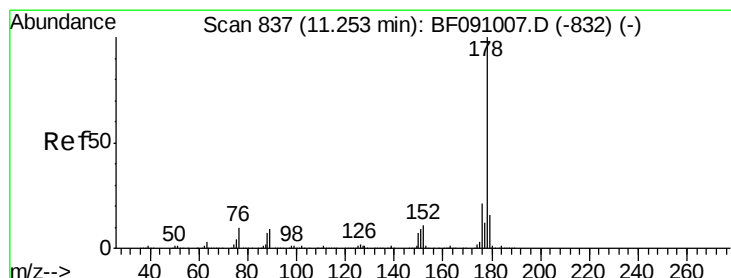
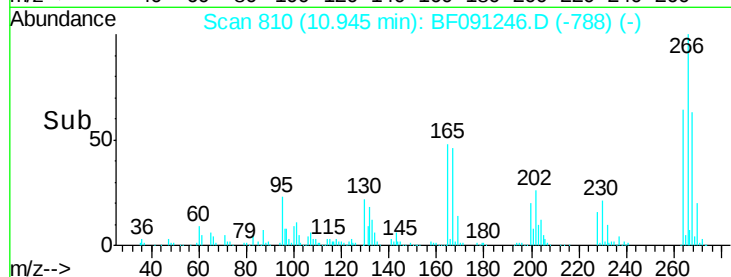
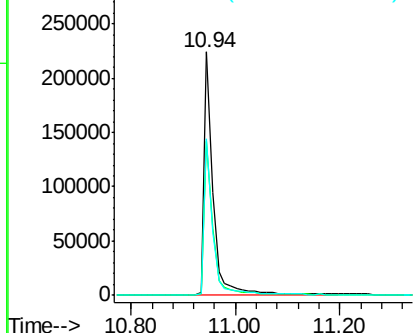
#69
 Pentachlorophenol
 Concen: 92.98 ng
 RT: 10.94 min Scan# 810
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

Tgt Ion:266 Resp: 280159
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.1 78.1
 264 64.1 51.1 76.7

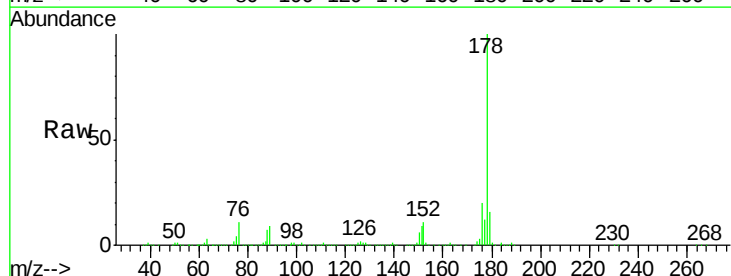


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

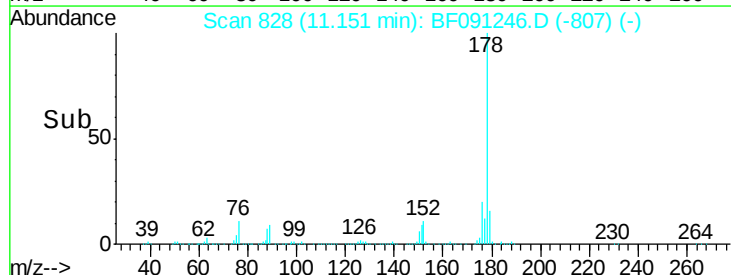
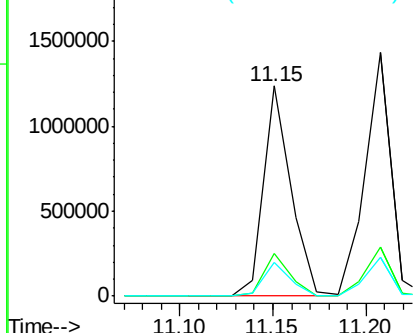


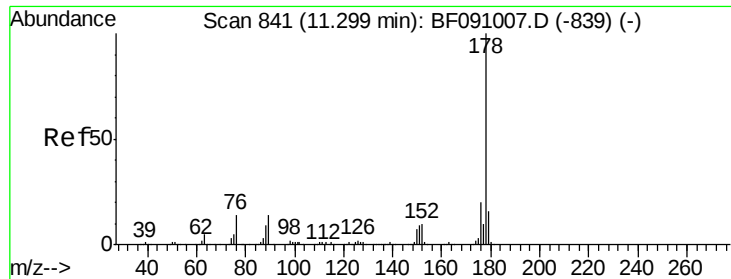
#70
 Phenanthrene
 Concen: 39.65 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.06 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion:178 Resp: 1249809
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 16.3 12.9 19.3



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

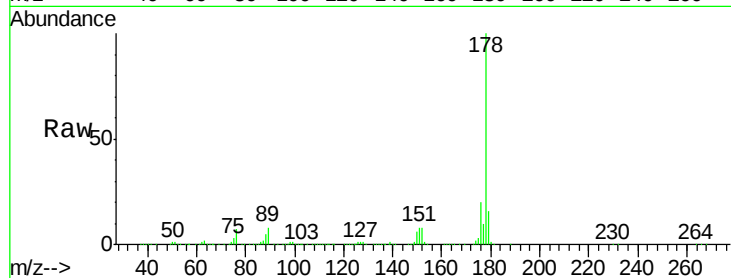




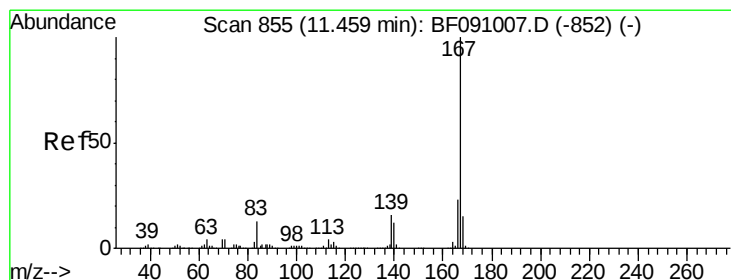
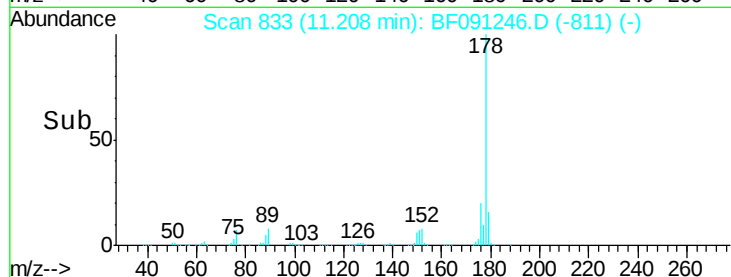
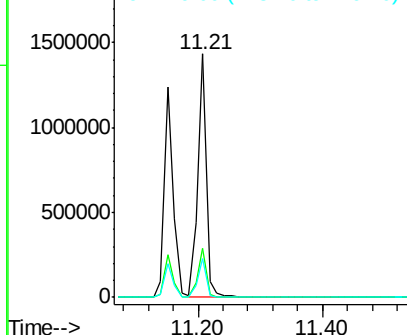
#71
 Anthracene
 Concen: 41.61 ng
 RT: 11.21 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

Tgt Ion:178 Resp: 1394570
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 16.2 13.0 19.6

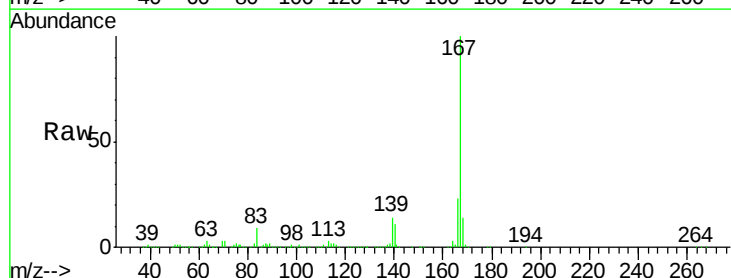


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

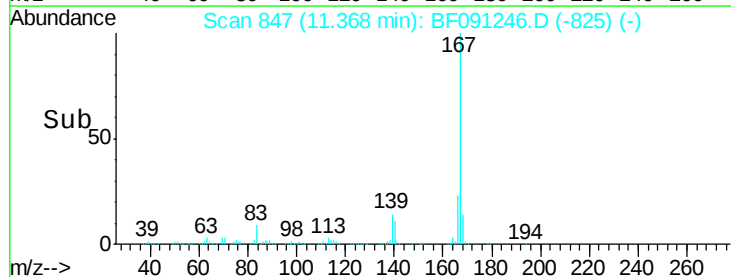
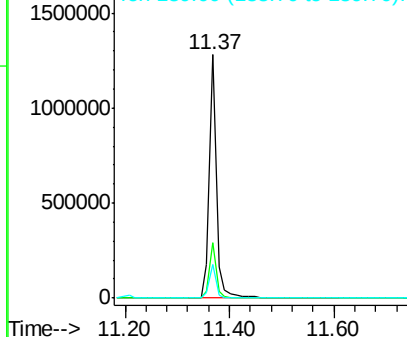


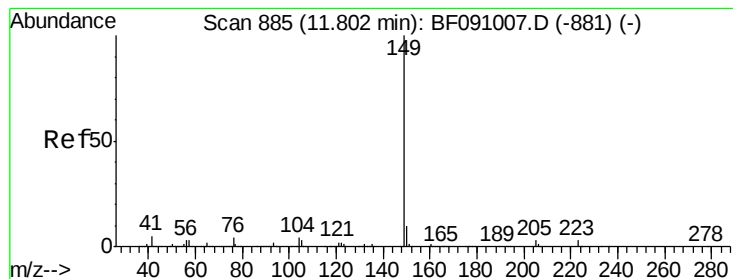
#72
 Carbazole
 Concen: 39.61 ng
 RT: 11.37 min Scan# 847
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion:167 Resp: 1196456
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 13.9 12.6 18.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.50 ng

RT: 11.70 min Scan# 876

Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

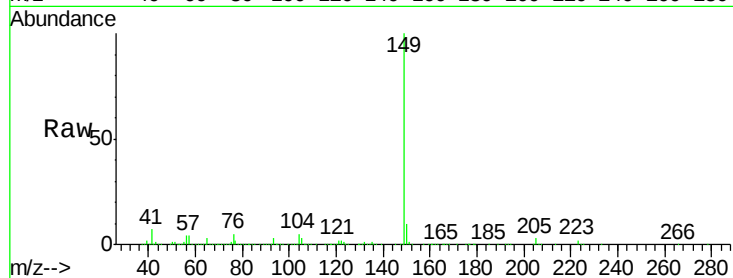
Tgt Ion:149 Resp: 1386609

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

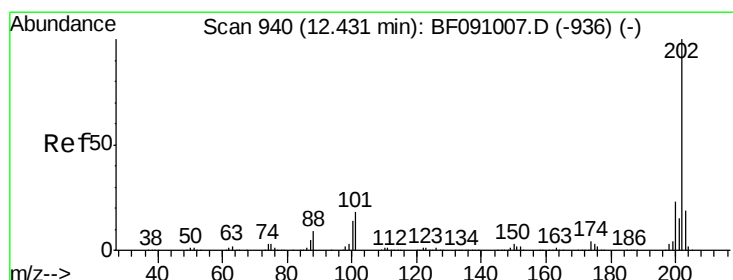
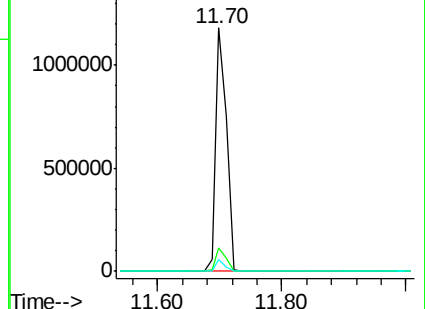
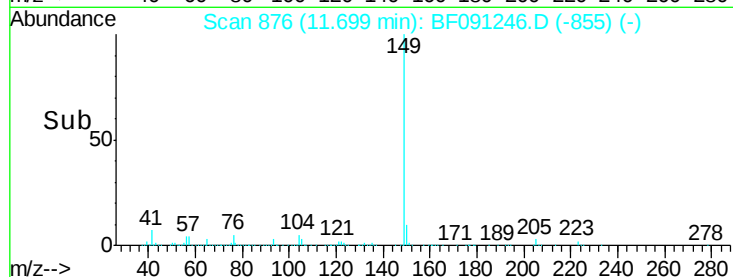
104 5.0 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.84 ng

RT: 12.34 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

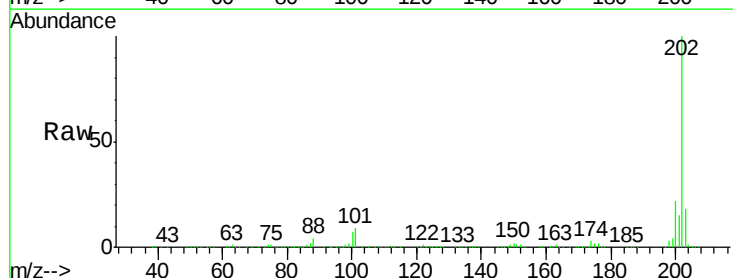
Tgt Ion:202 Resp: 1433426

Ion Ratio Lower Upper

202 100

101 9.0 0.0 37.6

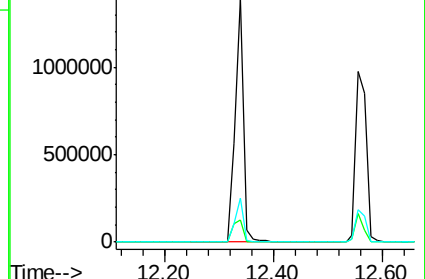
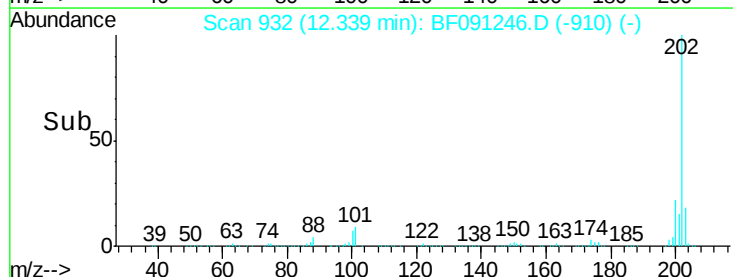
203 17.9 0.0 38.6

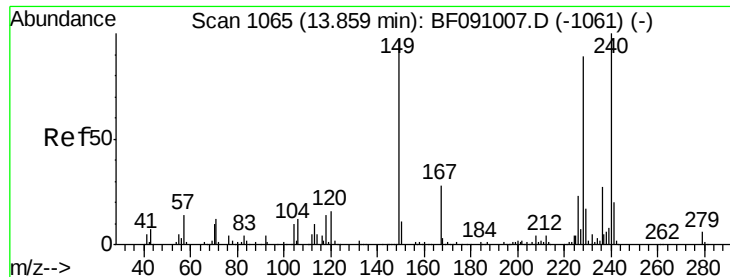


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1056

Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

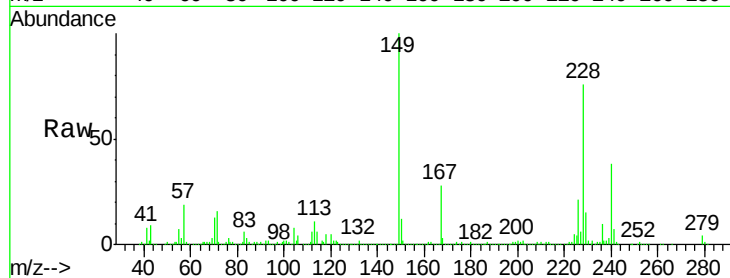
Tgt Ion:240 Resp: 397432

Ion Ratio Lower Upper

240 100

120 14.3 12.9 19.3

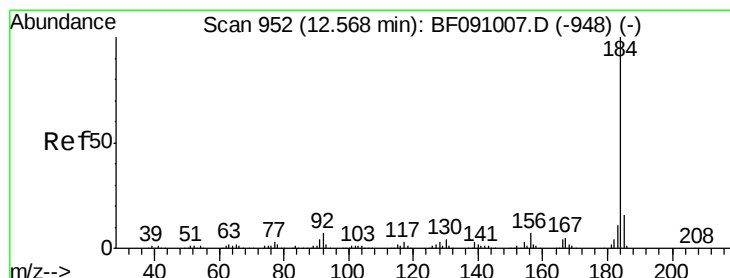
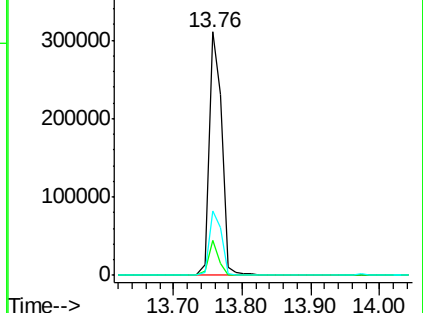
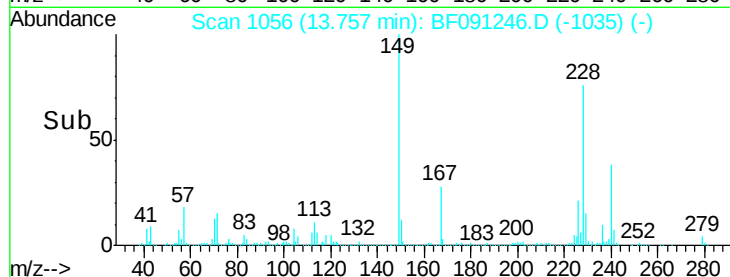
236 26.3 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 55.53 ng

RT: 12.47 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

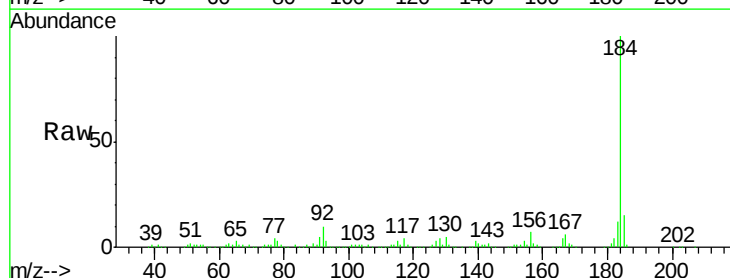
Tgt Ion:184 Resp: 493068

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.4

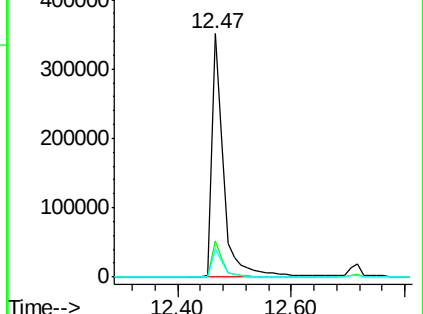
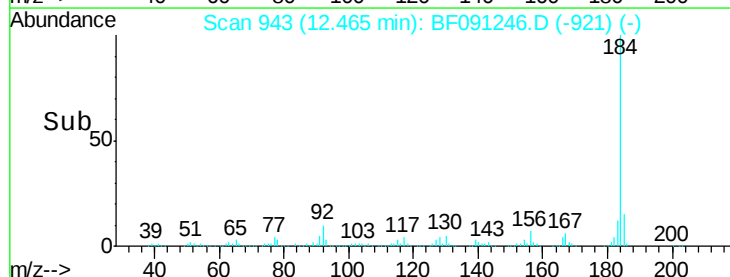
183 11.6 8.7 13.1

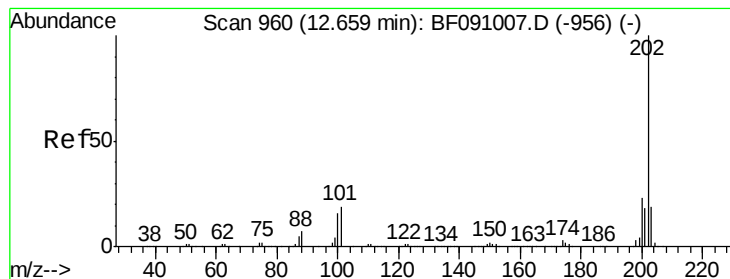


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.42 ng

RT: 12.56 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

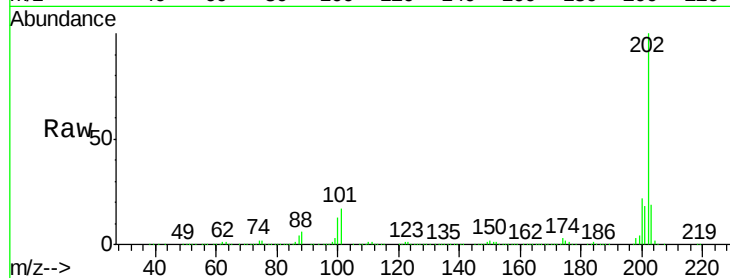
Tgt Ion:202 Resp: 1312242

Ion Ratio Lower Upper

202 100

200 22.1 18.4 27.6

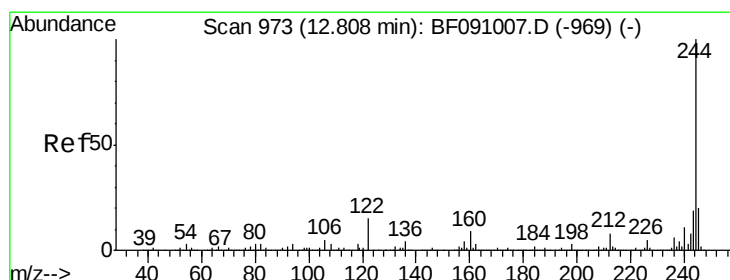
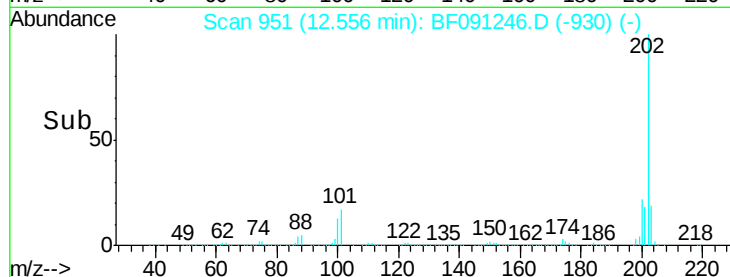
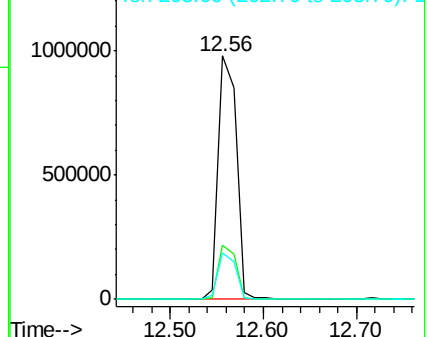
203 18.9 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 109.71 ng

RT: 12.72 min Scan# 965

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

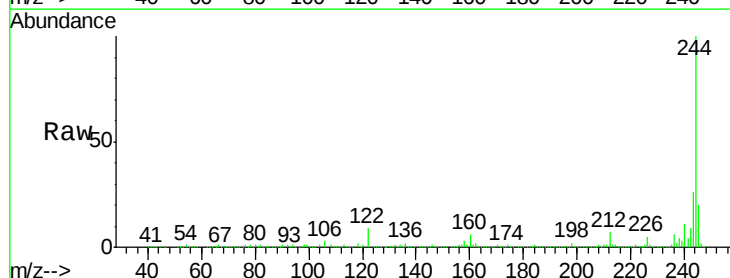
Tgt Ion:244 Resp: 1747345

Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

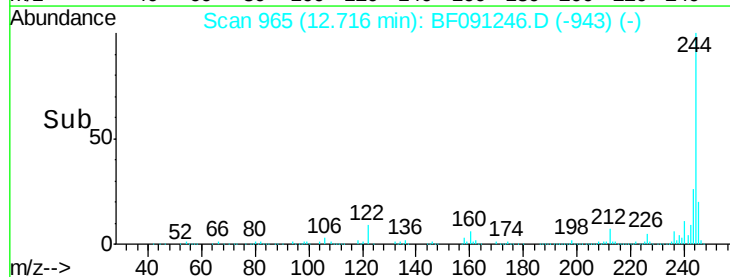
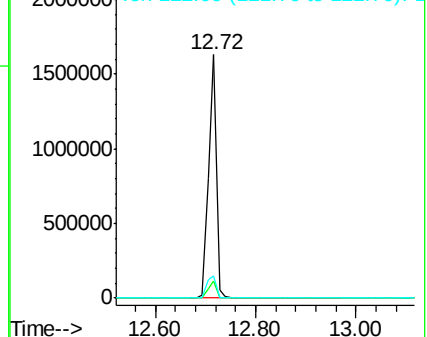
122 9.0 12.3 18.5#

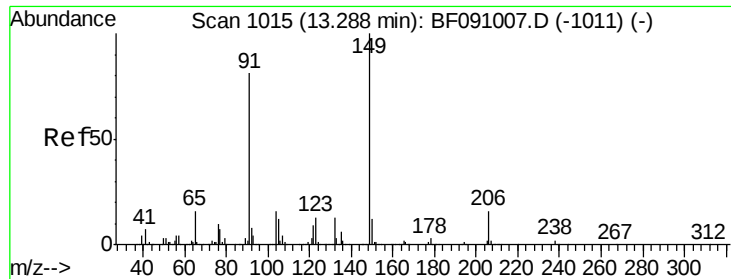


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

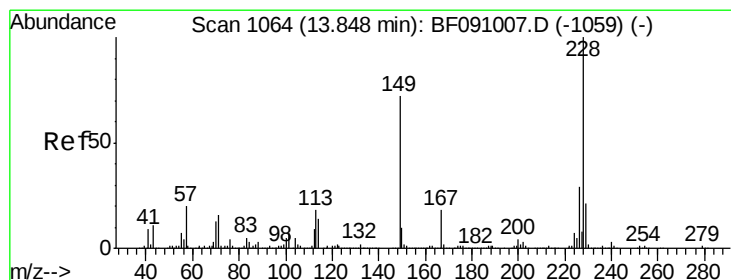
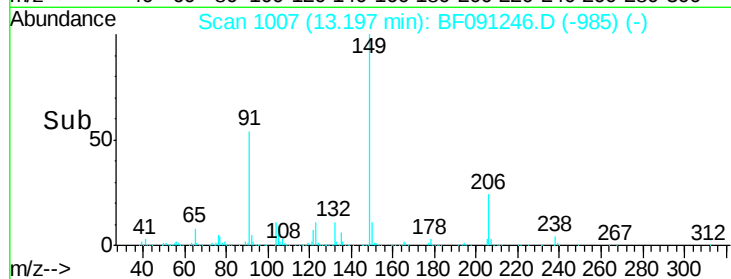
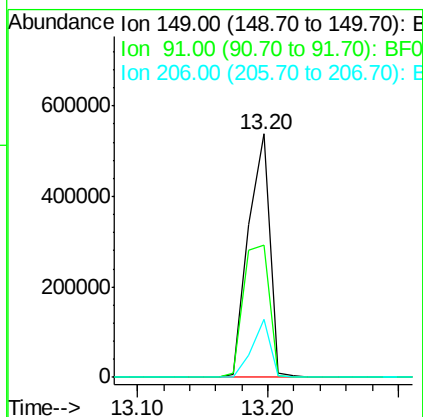
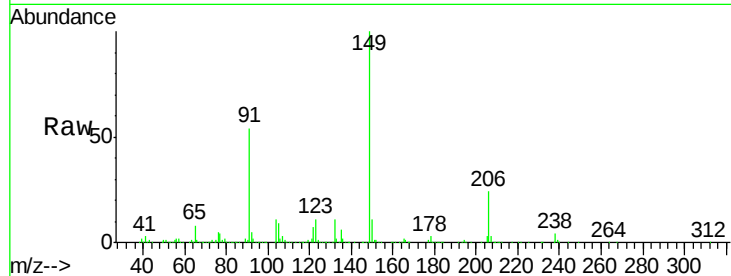




#79
Butylbenzylphthalate
Concen: 49.43 ng
RT: 13.20 min Scan# 1007
Delta R.T. -0.05 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

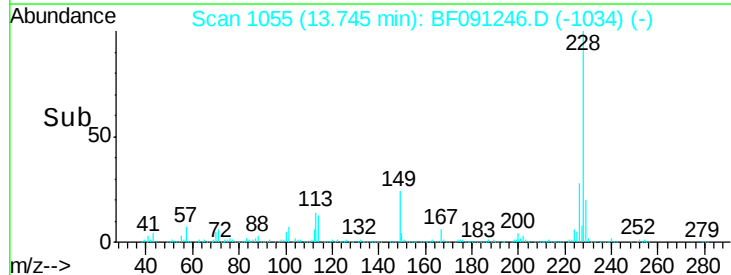
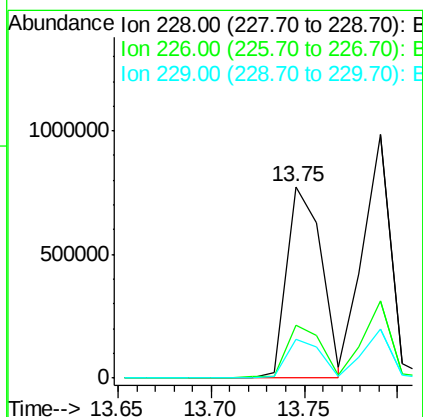
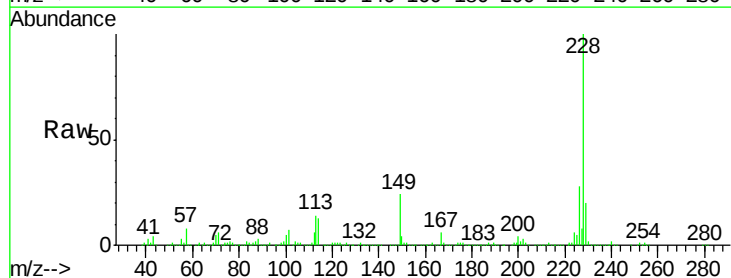
Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

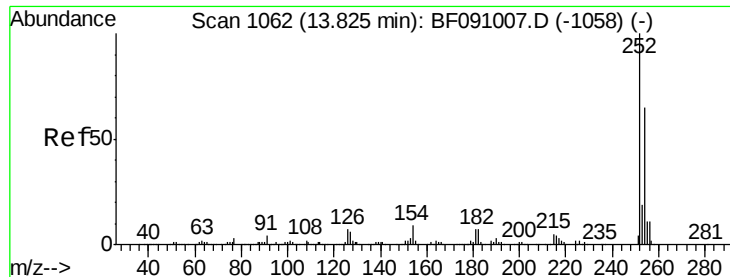
Tgt Ion:149 Resp: 615341
Ion Ratio Lower Upper
149 100
91 54.4 65.0 97.4#
206 23.7 12.5 18.7#



#80
Benzo(a)anthracene
Concen: 44.64 ng
RT: 13.75 min Scan# 1055
Delta R.T. -0.06 min
Lab File: BF091246.D
Acq: 18 Nov 2016 21:19

Tgt Ion:228 Resp: 1007408
Ion Ratio Lower Upper
228 100
226 27.9 23.0 34.6
229 20.4 16.6 24.8

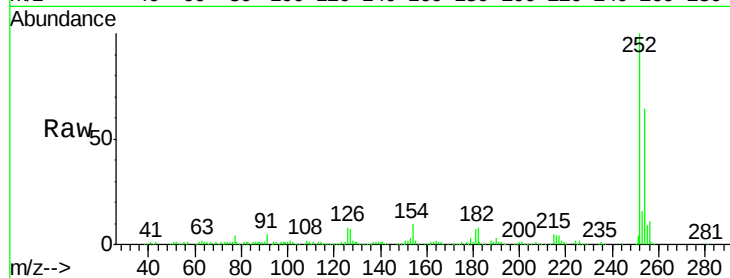




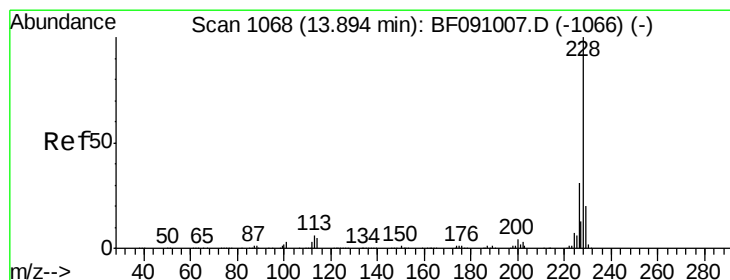
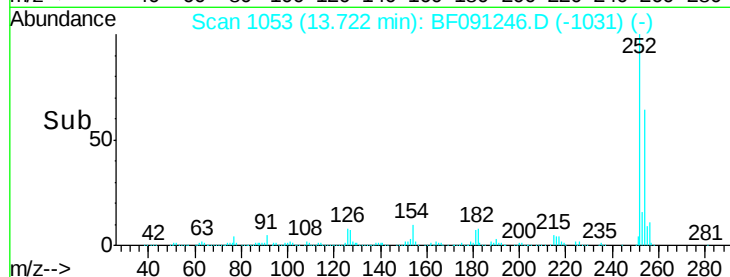
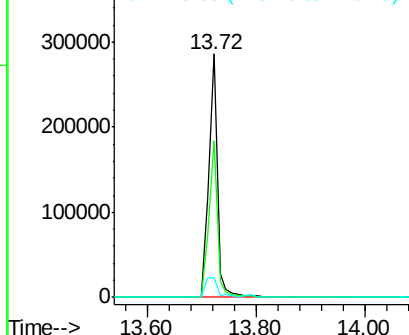
#81
 3,3'-Dichlorobenzidine
 Concen: 40.04 ng
 RT: 13.72 min Scan# 1053
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02MSD

Tgt Ion:252 Resp: 317458
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.0 78.0
 126 8.0 5.4 8.2

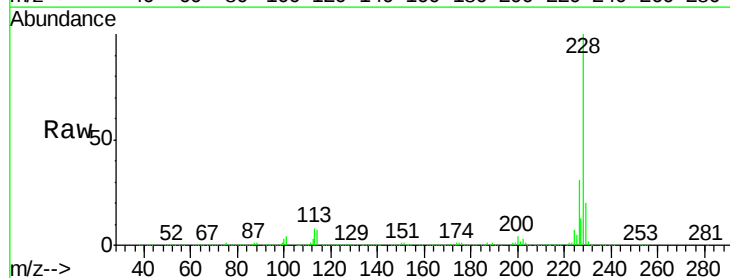


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

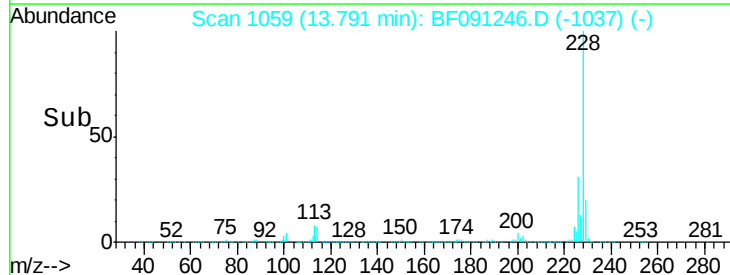
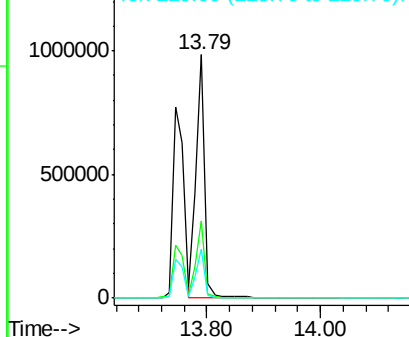


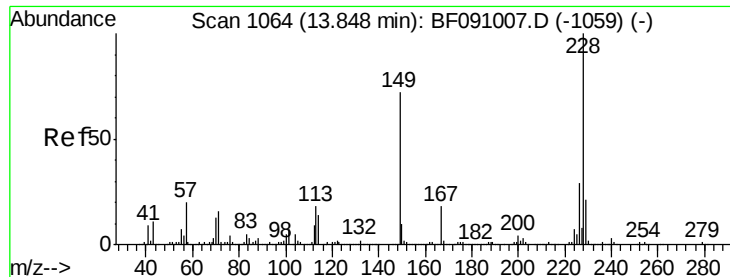
#82
 Chrysene
 Concen: 46.71 ng
 RT: 13.79 min Scan# 1059
 Delta R.T. -0.05 min
 Lab File: BF091246.D
 Acq: 18 Nov 2016 21:19

Tgt Ion:228 Resp: 1039221
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 20.1 15.9 23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.41 ng

RT: 13.76 min Scan# 1056

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

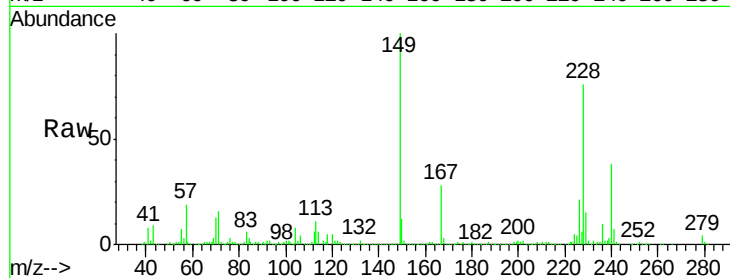
Tgt Ion:149 Resp: 748183

Ion Ratio Lower Upper

149 100

167 27.8 20.4 30.6

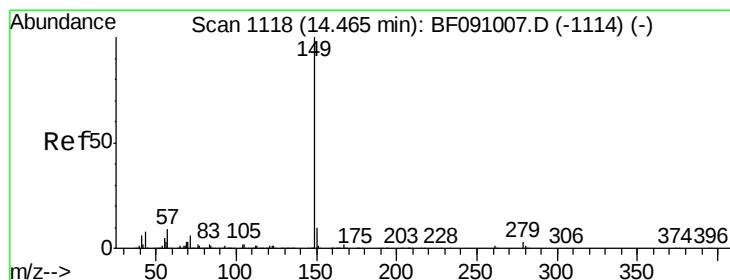
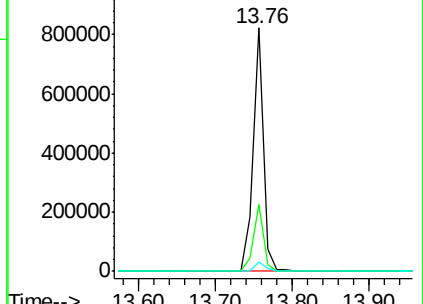
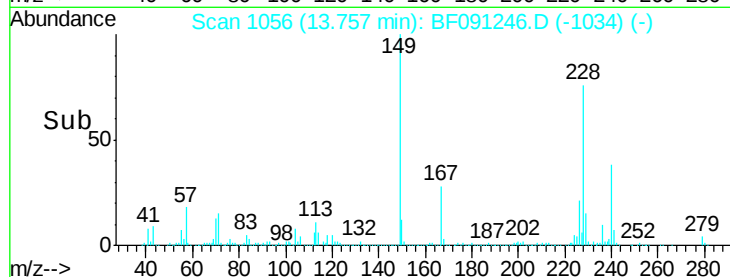
279 3.8 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.57 ng

RT: 14.36 min Scan# 1109

Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

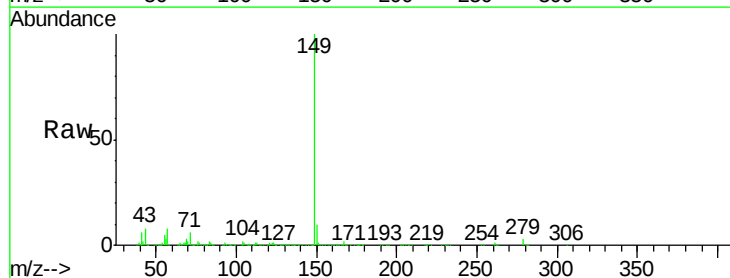
Tgt Ion:149 Resp: 1151514

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

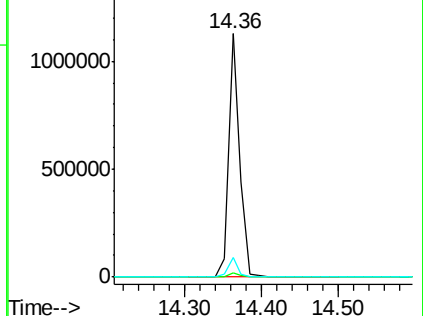
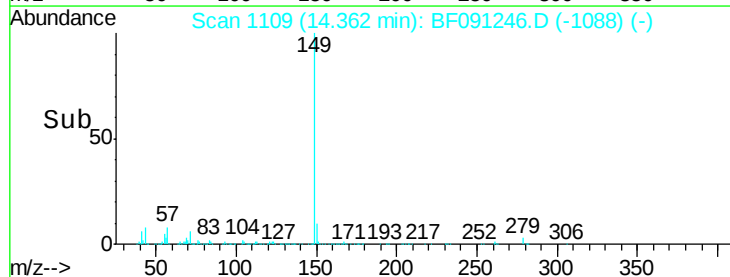
43 6.8 8.2 12.4#

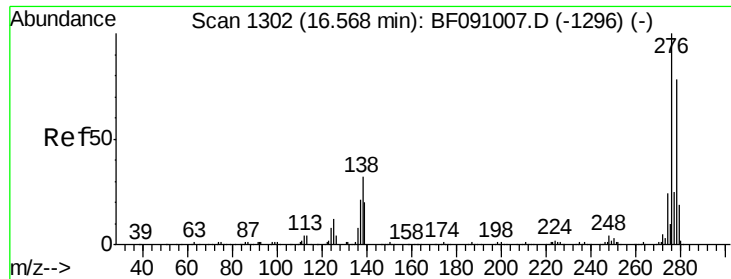


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.31 ng

RT: 16.40 min Scan# 1287

Delta R.T. -0.08 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

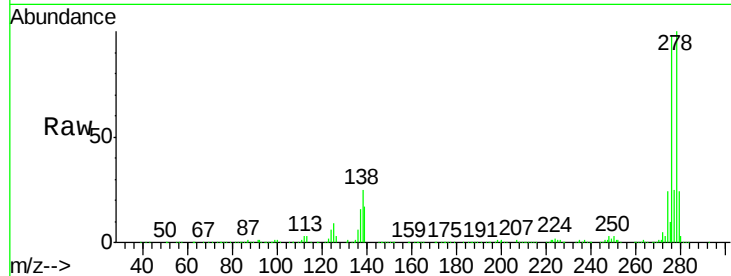
Tgt Ion:276 Resp: 1002617

Ion Ratio Lower Upper

276 100

138 26.9 26.0 39.0

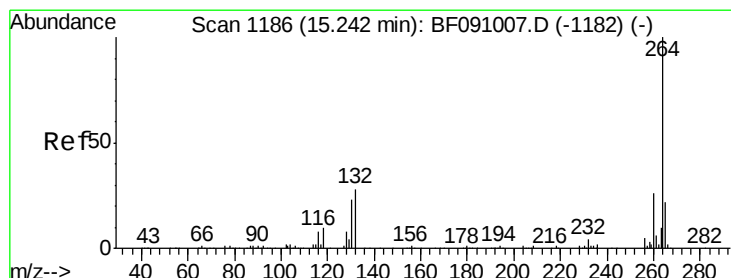
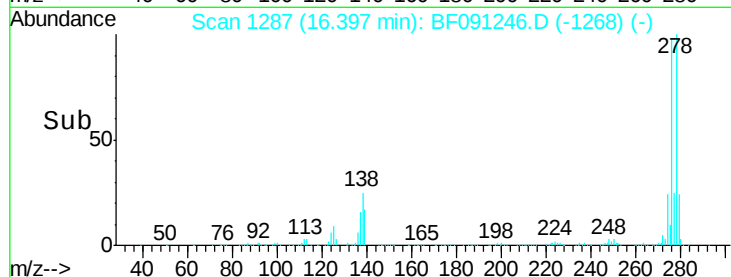
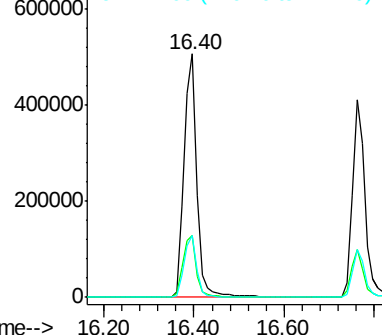
277 25.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1176

Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

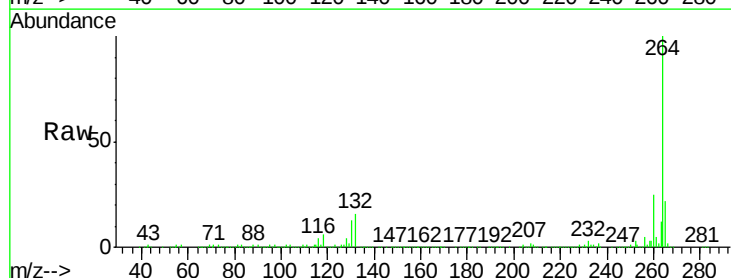
Tgt Ion:264 Resp: 370939

Ion Ratio Lower Upper

264 100

260 25.0 20.6 30.8

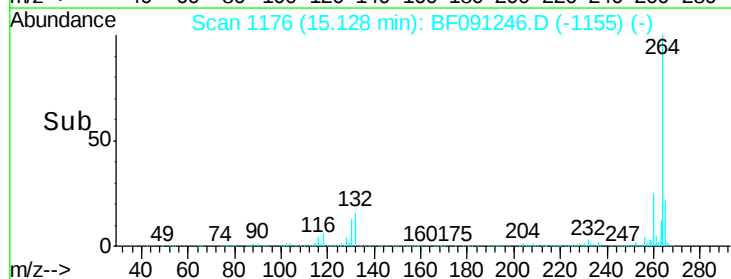
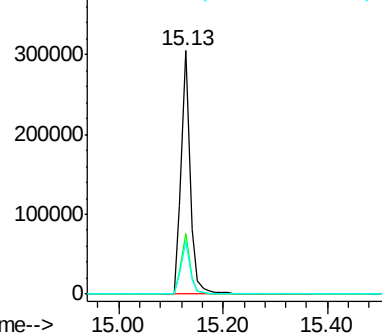
265 21.6 17.8 26.8

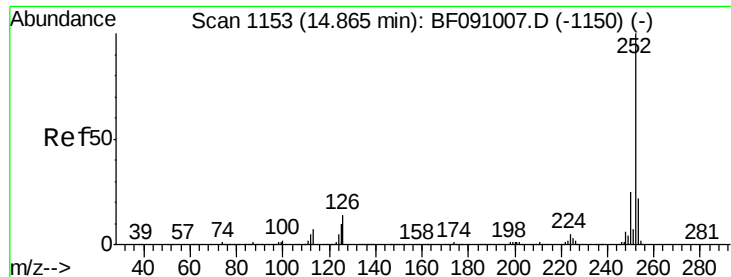


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 74.06 ng

RT: 14.79 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

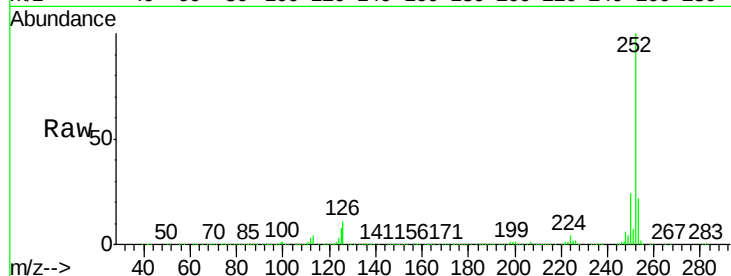
Tgt Ion:252 Resp: 1863342

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

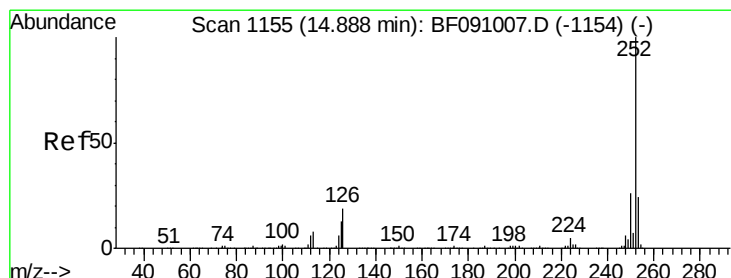
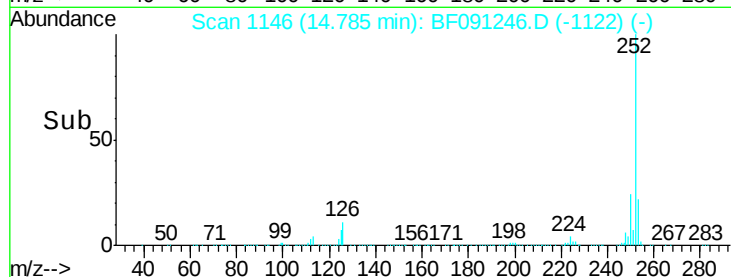
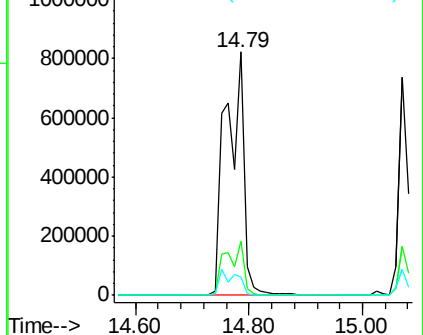
125 7.5 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.43 ng

RT: 14.79 min Scan# 1146

Delta R.T. -0.05 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

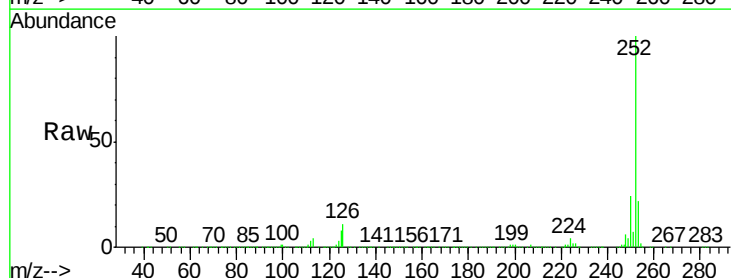
Tgt Ion:252 Resp: 1863342

Ion Ratio Lower Upper

252 100

253 22.2 18.6 28.0

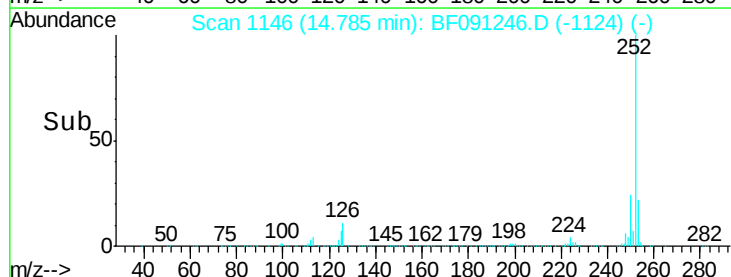
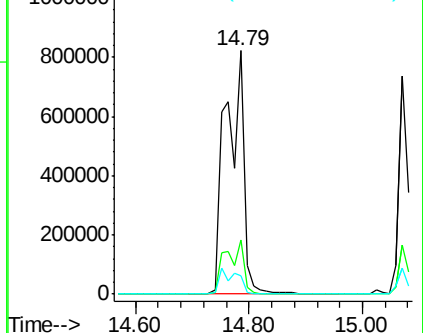
125 7.5 11.2 16.8#

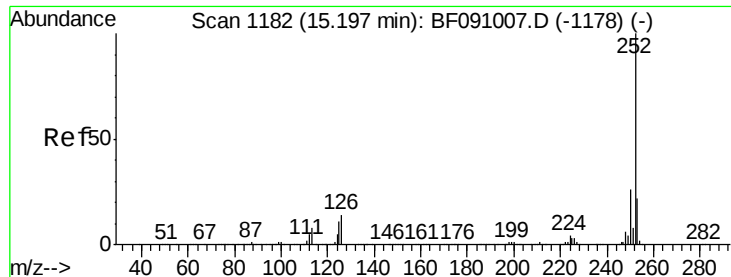


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.91 ng

RT: 15.07 min Scan# 1171

Delta R.T. -0.06 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD

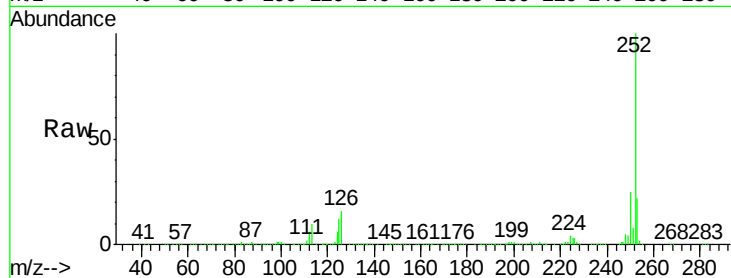
Tgt Ion:252 Resp: 896081

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

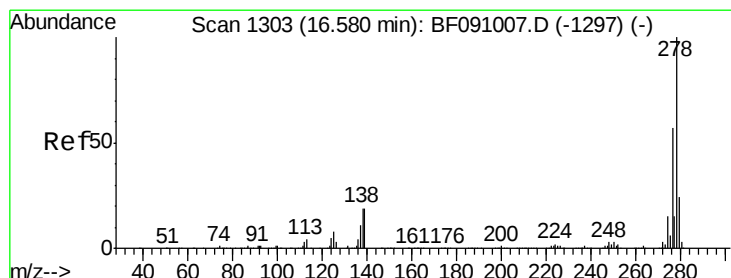
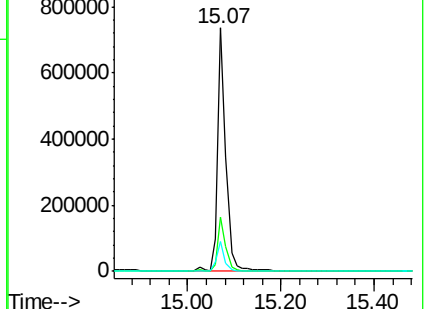
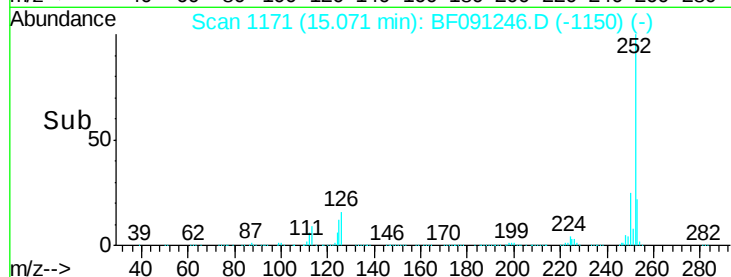
125 12.2 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.52 ng

RT: 16.40 min Scan# 1287

Delta R.T. -0.09 min

Lab File: BF091246.D

Acq: 18 Nov 2016 21:19

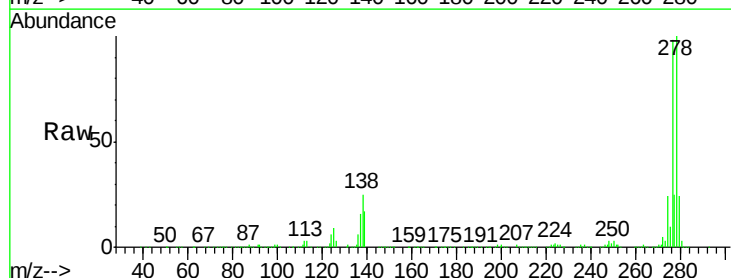
Tgt Ion:278 Resp: 842988

Ion Ratio Lower Upper

278 100

139 16.6 15.3 22.9

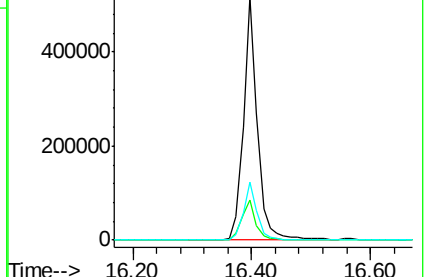
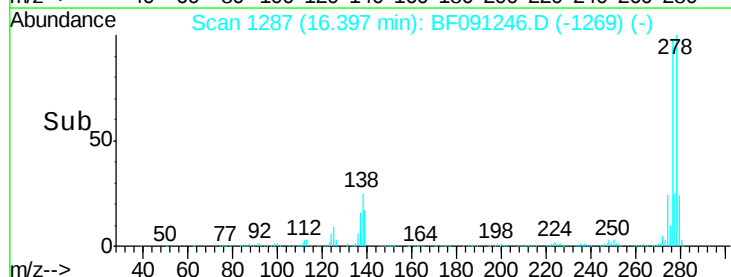
279 24.0 19.3 28.9

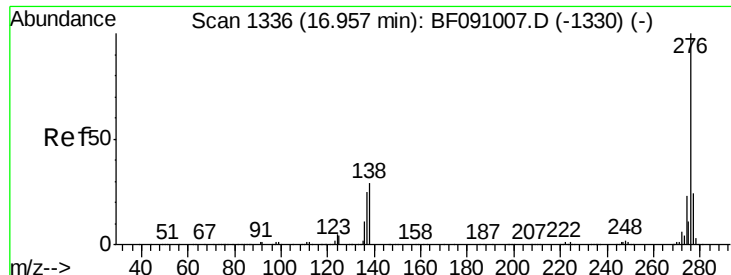


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.88 ng

RT: 16.76 min Scan# 1319

Delta R.T. -0.09 min

Lab File: BF091246.D

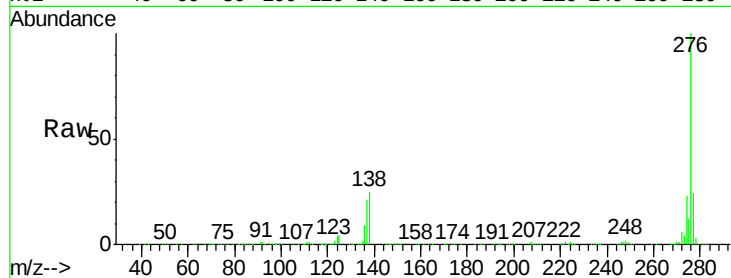
Acq: 18 Nov 2016 21:19

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02MSD



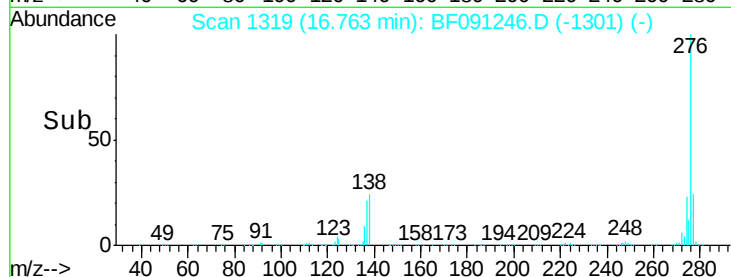
Tgt Ion: 276 Resp: 802630

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 24.5 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

