

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091926.D
 Acq On : 23 Dec 2016 16:23
 Operator : UM/SJ
 Sample : H6156-25MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Quant Time: Dec 23 22:27:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	186621	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	769137	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	413103	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	709790	20.00	ng	0.00
75) Chrysene-d12	13.89	240	535401	20.00	ng	-0.01
86) Perylene-d12	15.29	264	431826	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1389455	124.32	ng	0.05
7) Phenol-d6	6.44	99	1778253	130.32	ng	0.03
23) Nitrobenzene-d5	7.31	82	1237595	89.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	508198	148.65	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2047919	104.54	ng	-0.01
78) Terphenyl-d14	12.84	244	1911162	86.57	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	189768	34.49	ng	96
3) Pyridine	3.00	79	601000	31.29	ng	99
4) n-Nitrosodimethylamine	2.97	42	324145	44.75	ng	97
6) Aniline	6.41	93	630223	35.56	ng	# 44
8) 2-Chlorophenol	6.54	128	535616	42.13	ng	99
9) Benzaldehyde	6.28	77	97224	9.68	ng	98
10) Phenol	6.45	94	706003	45.40	ng	# 66
11) bis(2-Chloroethyl)ether	6.49	93	598799	48.40	ng	97
12) 1,3-Dichlorobenzene	6.68	146	552508	40.71	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	564368	40.85	ng	95
14) 1,2-Dichlorobenzene	6.91	146	470983	39.29	ng	97
15) Benzyl Alcohol	6.91	79	516470	48.71	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	778493	42.25	ng	90
17) 2-Methylphenol	7.05	107	481456	47.09	ng	96
18) Hexachloroethane	7.25	117	213516	41.69	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	440907	48.57	ng	98
20) 3+4-Methylphenols	7.20	107	637613	52.28	ng	# 71
22) Acetophenone	7.16	105	865256	45.61	ng	# 89
24) Nitrobenzene	7.33	77	708496	48.09	ng	94
25) Isophorone	7.57	82	1115696	43.72	ng	96
26) 2-Nitrophenol	7.65	139	306708	42.22	ng	# 83
27) 2,4-Dimethylphenol	7.71	122	470845	39.07	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	746465	48.24	ng	99
29) 2,4-Dichlorophenol	7.92	162	486557	47.69	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	487093	43.56	ng	96
31) Naphthalene	8.05	128	4956681	140.81	ng	98
32) Benzoic acid	7.84	122	117291	13.12	ng	98
33) 4-Chloroaniline	8.11	127	529335	33.35	ng	99
34) Hexachlorobutadiene	8.17	225	255196	43.24	ng	100
35) Caprolactam	8.49	113	132773m	39.60	ng	
36) 4-Chloro-3-methylphenol	8.62	107	579138	49.33	ng	95
37) 2-Methylnaphthalene	8.74	142	1177721	66.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	485979	46.56	ng	99
40) Hexachlorocyclopentadiene	8.90	237	269048	58.98	ng	99

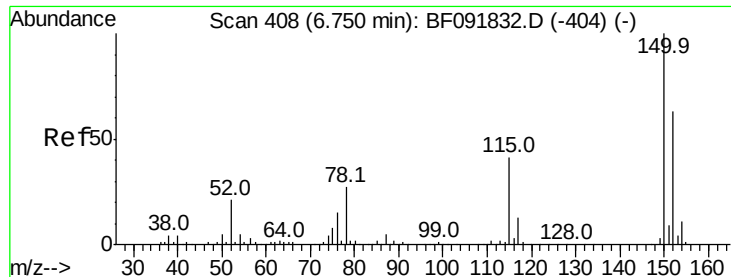
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091926.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	318196	43.59	nq	97
43) 2,4,5-Trichlorophenol	9.08	196	306683	40.83	nq	94
45) 1,1'-Biphenyl	9.21	154	1416447	50.08	nq	98
46) 2-Chloronaphthalene	9.23	162	1013816	45.26	nq	96
47) 2-Nitroaniline	9.33	65	309920	38.86	nq	96
48) Acenaphthylene	9.64	152	1530795	44.44	nq	99
49) Dimethylphthalate	9.52	163	1227032	46.44	nq	99
50) 2,6-Dinitrotoluene	9.57	165	256602	44.37	nq	# 62
51) Acenaphthene	9.81	154	968092	41.45	nq	99
52) 3-Nitroaniline	9.74	138	258002	36.05	nq	95
53) 2,4-Dinitrophenol	9.86	184	158230	49.17	nq	96
54) Dibenzofuran	9.98	168	1310618	41.55	nq	97
55) 4-Nitrophenol	9.95	139	450571m	92.72	nq	
56) 2,4-Dinitrotoluene	9.97	165	339692	46.80	nq	# 78
57) Fluorene	10.33	166	1084086	47.24	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	265743	44.73	nq	99
59) Diethylphthalate	10.21	149	1252738	48.82	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	478121	47.58	nq	93
61) 4-Nitroaniline	10.36	138	244158	32.92	nq	97
62) Azobenzene	10.48	77	1322417	46.81	nq	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	144294	33.62	nq	# 38
65) n-Nitrosodiphenylamine	10.44	169	963048	45.72	nq	98
66) 4-Bromophenyl-phenylether	10.81	248	318311	43.11	nq	97
67) Hexachlorobenzene	10.88	284	360798	45.72	nq	98
68) Atrazine	10.98	200	326984	48.13	nq	96
69) Pentachlorophenol	11.08	266	309709	79.98	nq	99
70) Phenanthrene	11.29	178	1774776	46.11	nq	99
71) Anthracene	11.33	178	1601401	48.03	nq	99
72) Carbazole	11.50	167	1655702	66.02	nq	98
73) Di-n-butylphthalate	11.82	149	1754663	48.43	nq	99
74) Fluoranthene	12.46	202	1582366	47.04	nq	99
76) Benzidine	12.60	184	701292	53.78	nq	96
77) Pyrene	12.69	202	1586447	40.39	nq	100
79) Butylbenzylphthalate	13.32	149	822387	46.03	nq	92
80) Benzo(a)anthracene	13.88	228	1319846	43.67	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	310550	27.10	nq	98
82) Chrysene	13.92	228	1134927	37.44	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	999918	47.52	nq	# 99
84) Di-n-octyl phthalate	14.49	149	1732666	44.45	nq	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	1104444	42.05	nq	99
87) Benzo(b)fluoranthene	14.90	252	1282621m	47.71	nq	
88) Benzo(k)fluoranthene	14.92	252	963322m	42.02	nq	
89) Benzo(a)pyrene	15.23	252	1063738	44.58	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	899591	45.87	nq	97
91) Benzo(g,h,i)perylene	17.03	276	949994	46.58	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091926.D

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Instrument :

BNA_F

ClientSampleId :

WC-201612MS

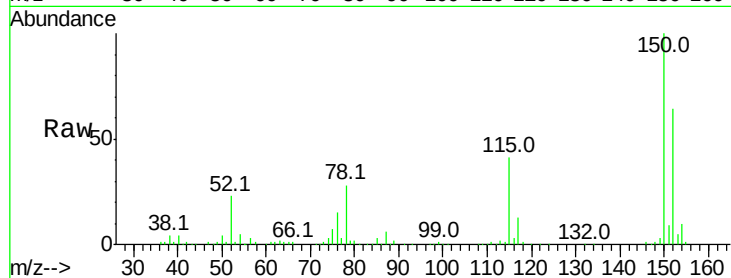
Tot Ion:152 Resp: 186621

Ion Ratio Lower Upper

152 100

150 156.6 124.9 187.3

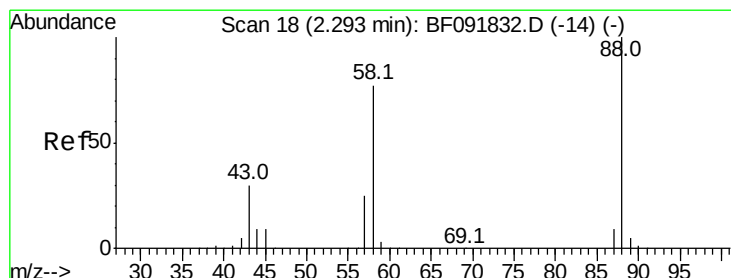
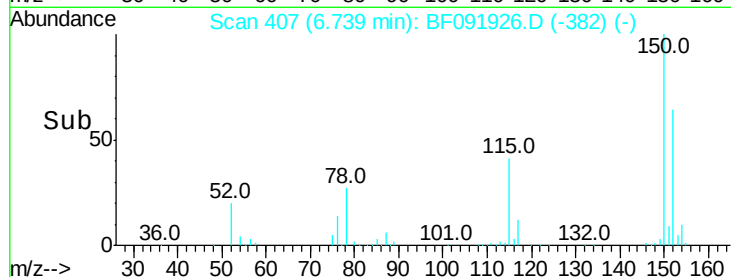
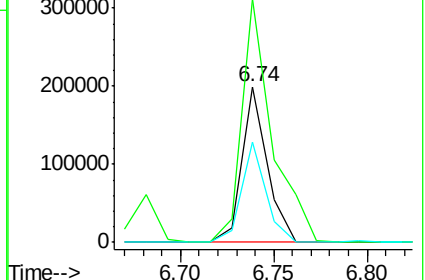
115 64.8 46.0 69.0



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: 34.49 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.03 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

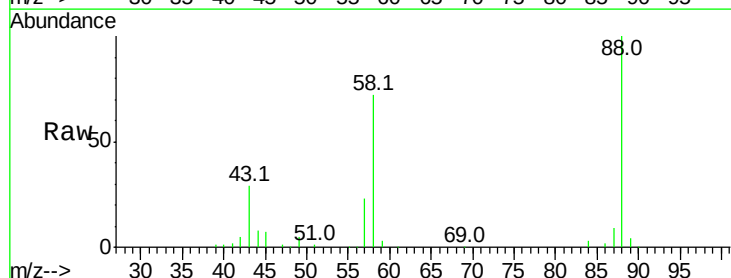
Tgt Ion: 88 Resp: 189768

Ion Ratio Lower Upper

88 100

58 74.9 57.8 86.8

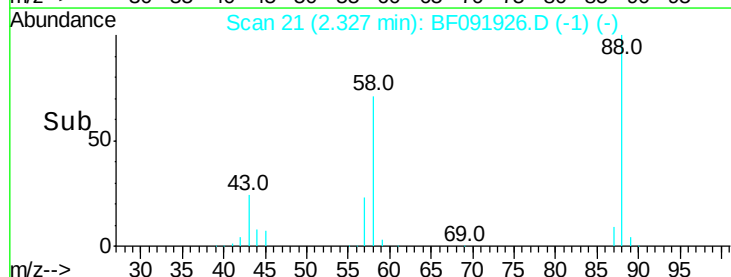
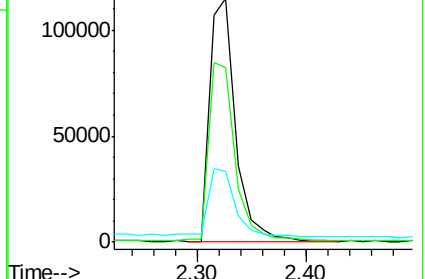
43 30.4 22.3 33.5

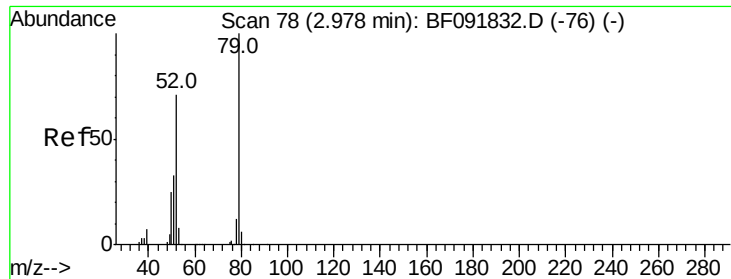


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

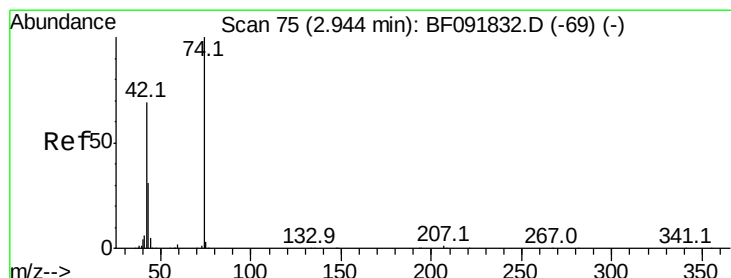
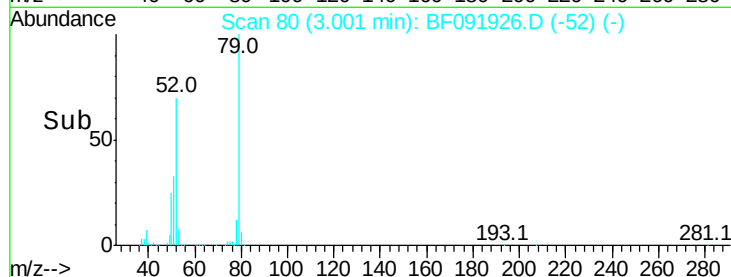
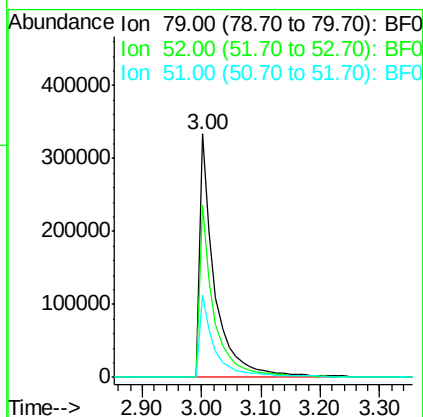
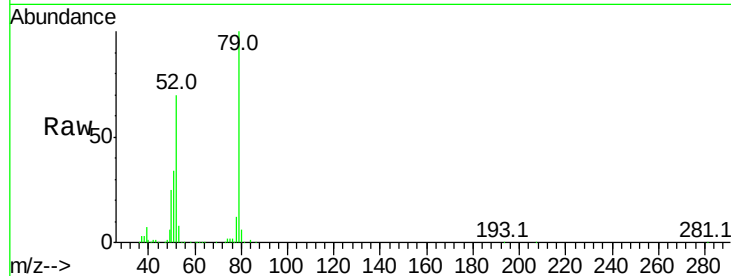




#3
 Pvridine
 Concen: 31.29 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.02 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

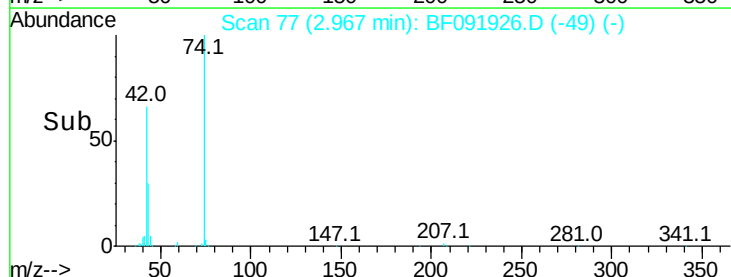
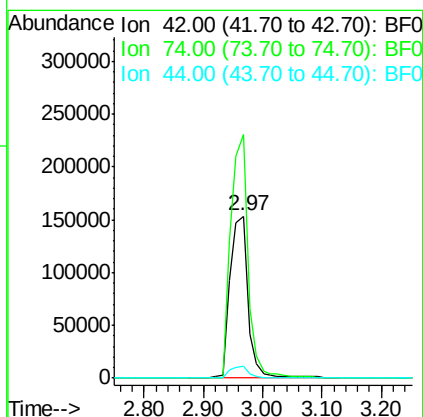
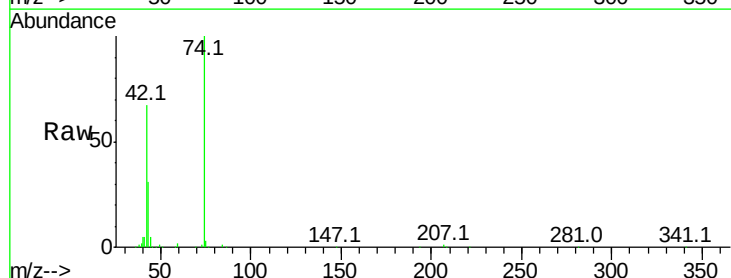
Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

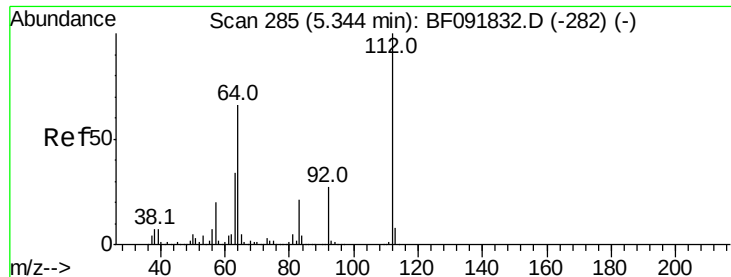
Tot Ion: 79 Resp: 601000
 Ion Ratio Lower Upper
 79 100
 52 70.5 57.1 85.7
 51 33.8 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 44.75 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.02 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion: 42 Resp: 324145
 Ion Ratio Lower Upper
 42 100
 74 150.3 117.0 175.4
 44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 124.32 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

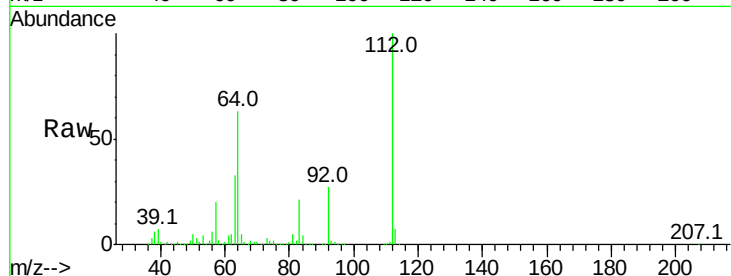
Tot Ion:112 Resp: 1389455

Ion Ratio Lower Upper

112 100

64 62.5 46.1 69.1

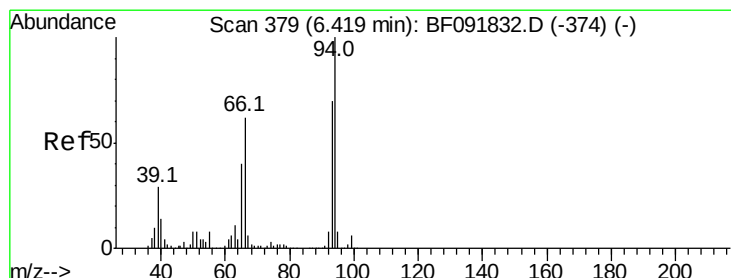
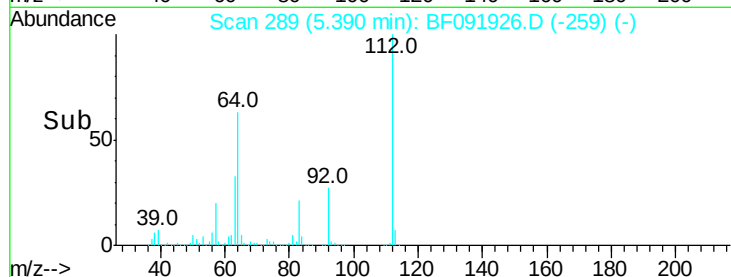
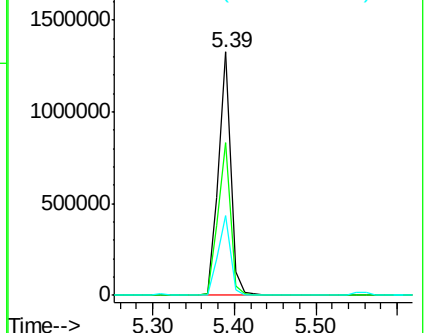
63 33.0 23.8 35.6



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: 35.56 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

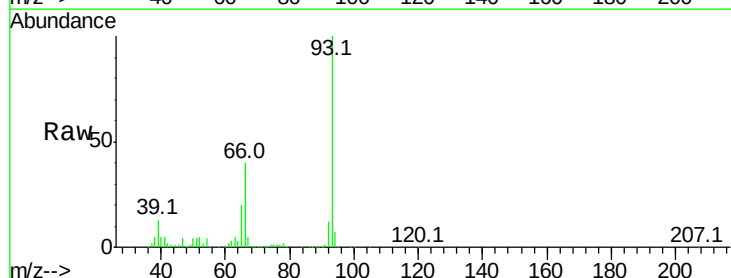
Tgt Ion: 93 Resp: 630223

Ion Ratio Lower Upper

93 100

66 40.1 76.2 114.2#

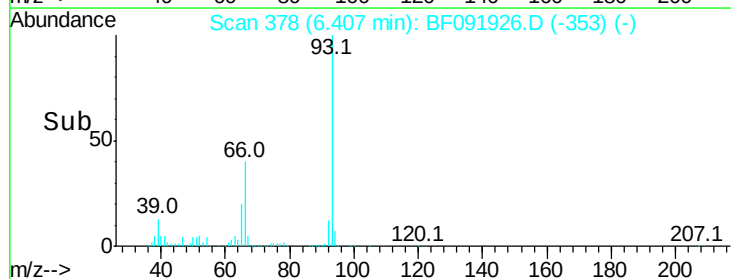
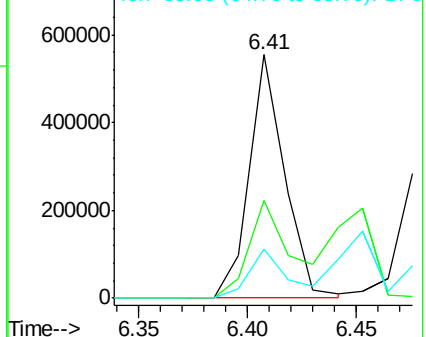
65 20.3 49.3 73.9#

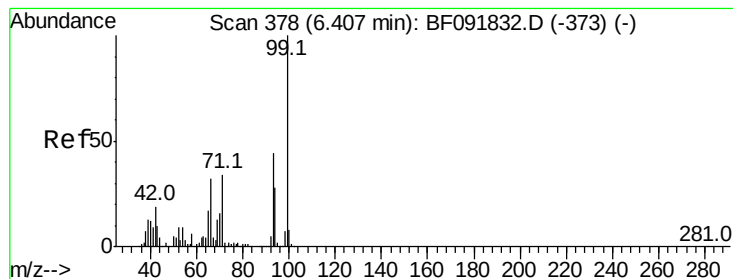


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.32 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

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ClientSampleId :

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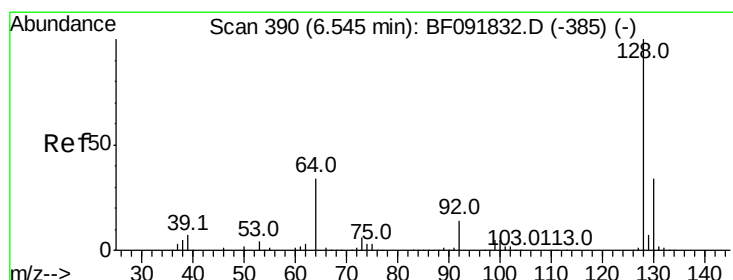
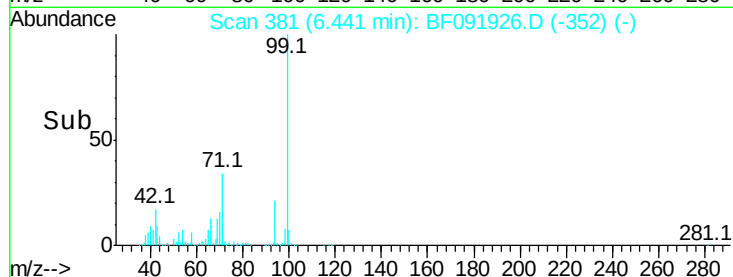
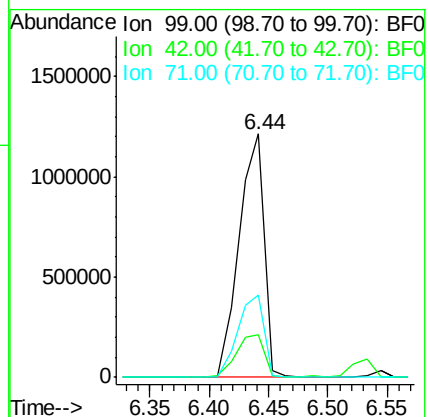
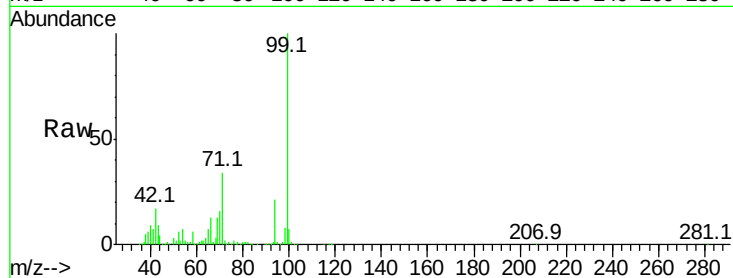
Tot Ion: 99 Resp: 1778253

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

71 33.8 27.5 41.3



#8

2-Chlorophenol

Concen: 42.13 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

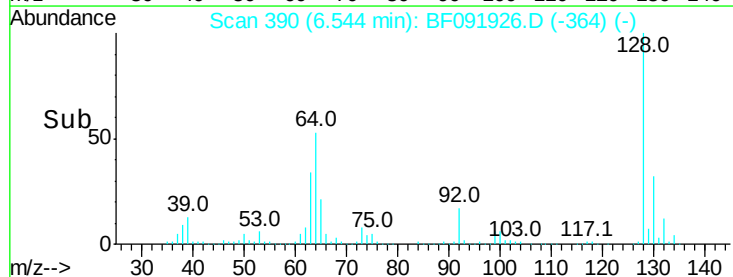
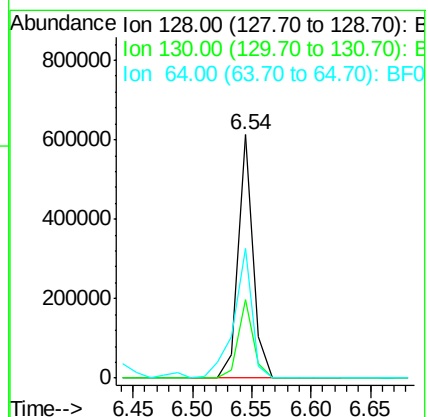
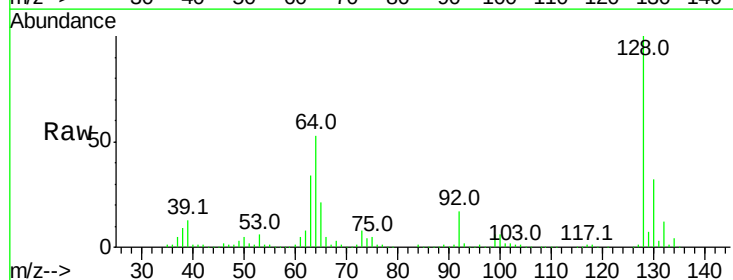
Tgt Ion:128 Resp: 535616

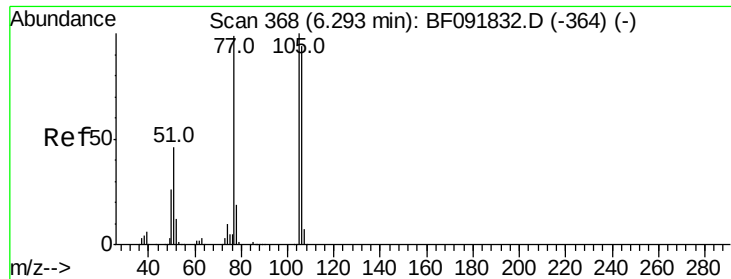
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 53.1 32.2 72.2





#9

Benzaldehyde

Concen: 9.68 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

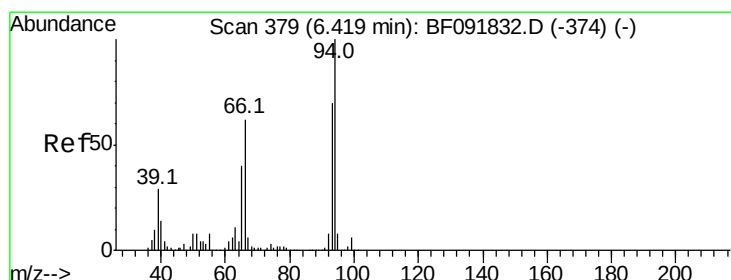
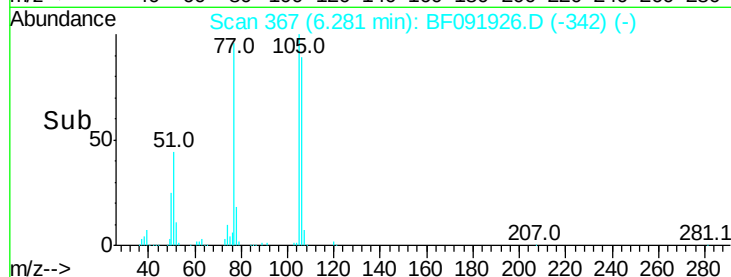
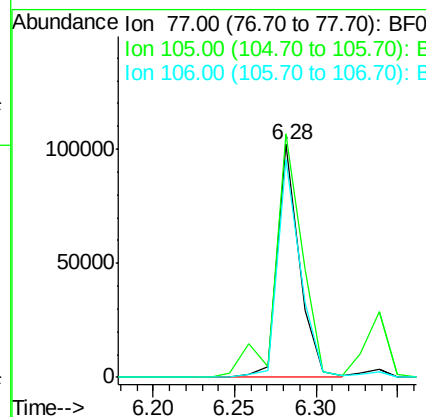
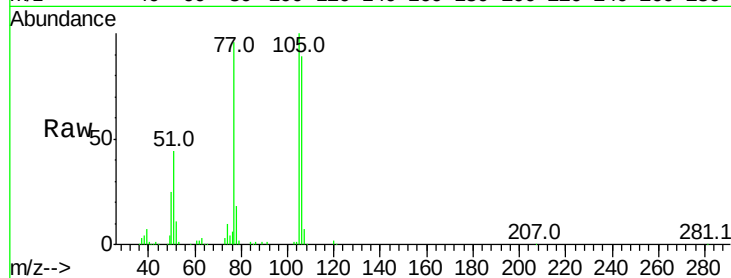
Tot Ion: 77 Resp: 97224

Ion Ratio Lower Upper

77 100

105 104.3 83.9 123.9

106 93.2 77.6 117.6



#10

Phenol

Concen: 45.40 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

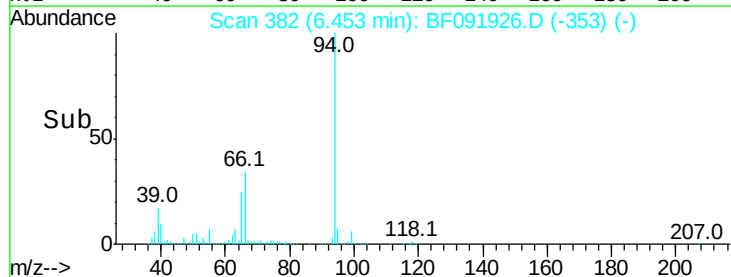
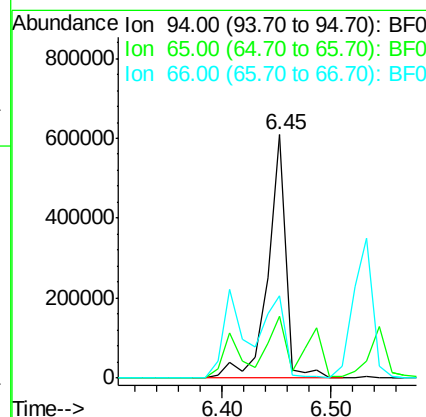
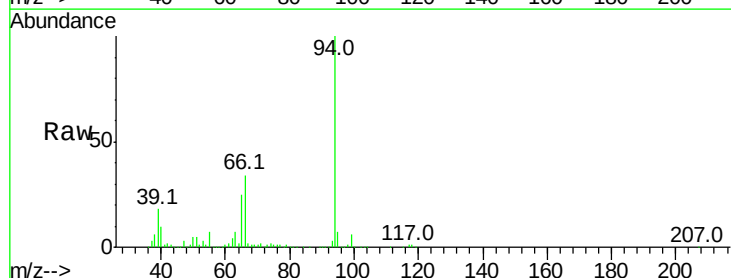
Tgt Ion: 94 Resp: 706003

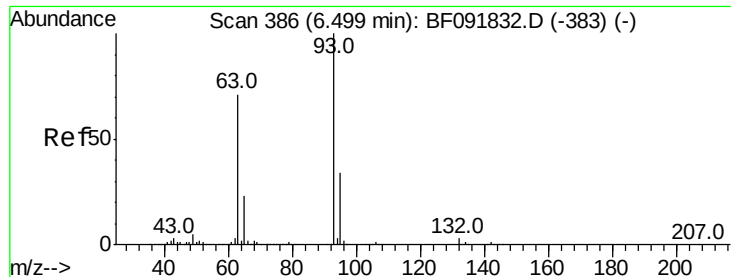
Ion Ratio Lower Upper

94 100

65 25.2 21.4 61.4

66 33.7 44.0 84.0#

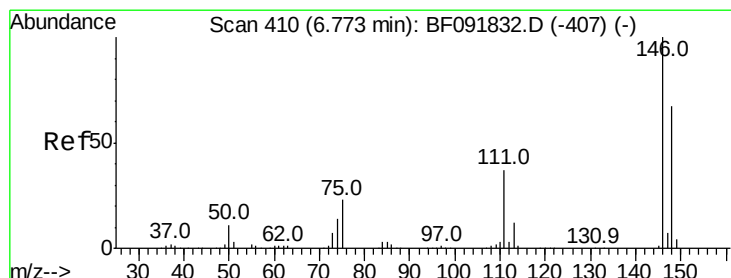
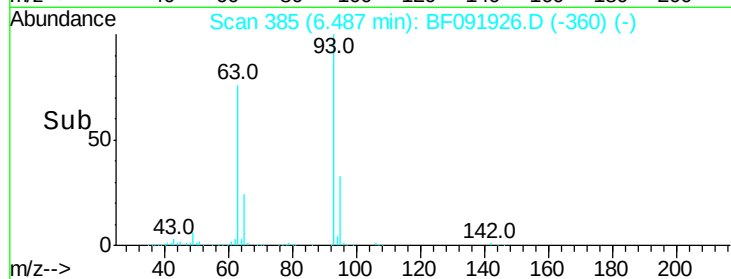
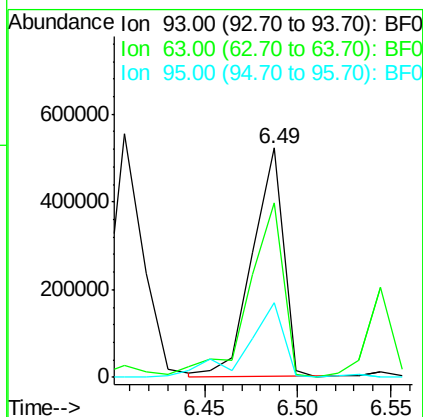
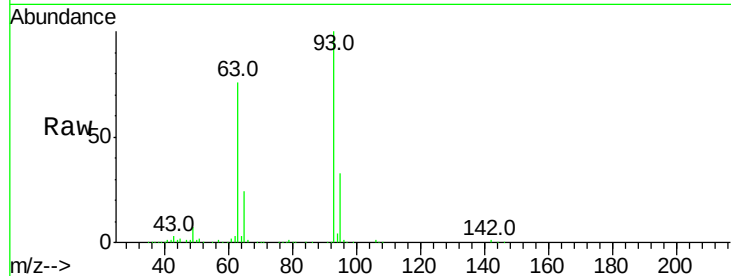




#11
bis(2-Chloroethyl)ether
Concen: 48.40 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

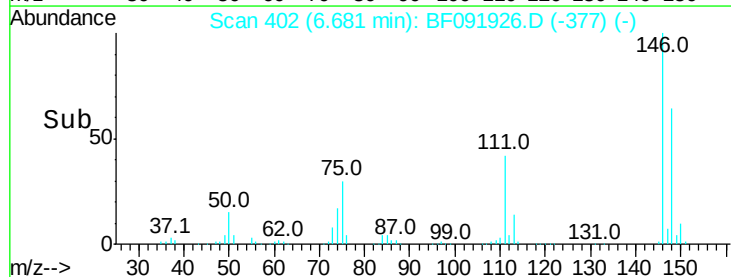
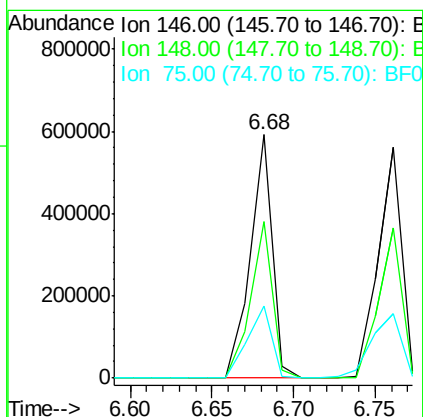
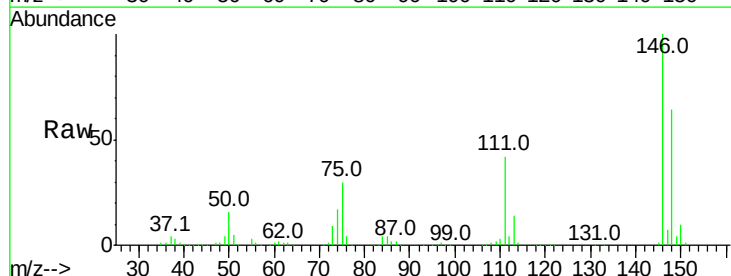
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

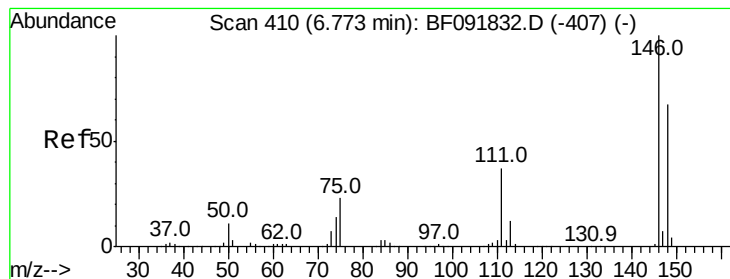
Tot Ion:	93	Resp:	598799
Ion	Ratio	Lower	Upper
93	100		
63	76.3	60.4	100.4
95	32.8	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:	146	Resp:	552508
Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.4	80.0
75	29.7	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 40.85 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

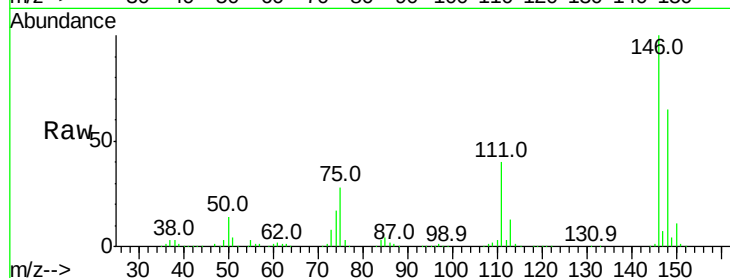
Tot Ion:146 Resp: 564368

Ion Ratio Lower Upper

146 100

148 65.1 50.6 76.0

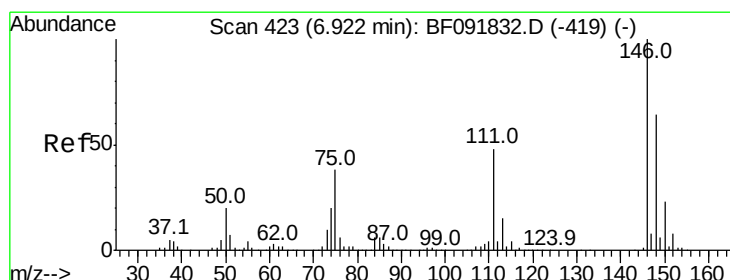
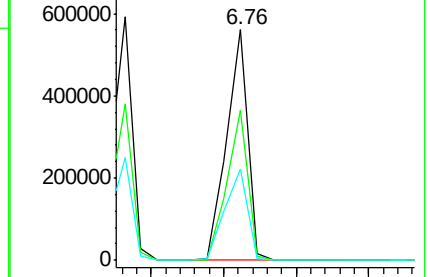
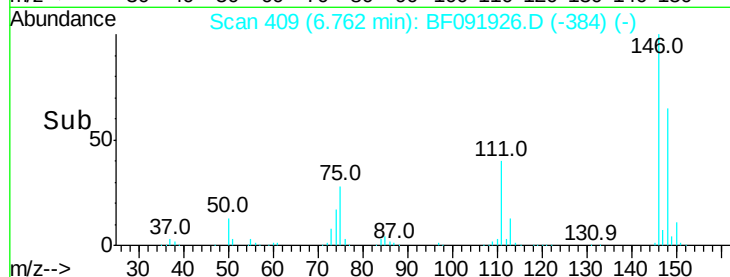
111 39.9 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.29 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

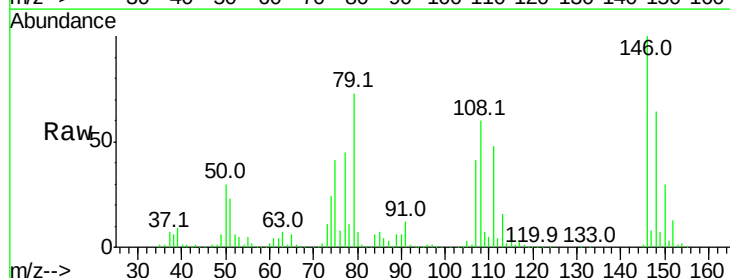
Tgt Ion:146 Resp: 470983

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

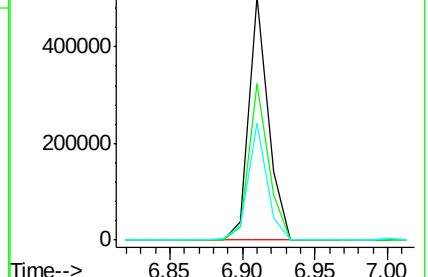
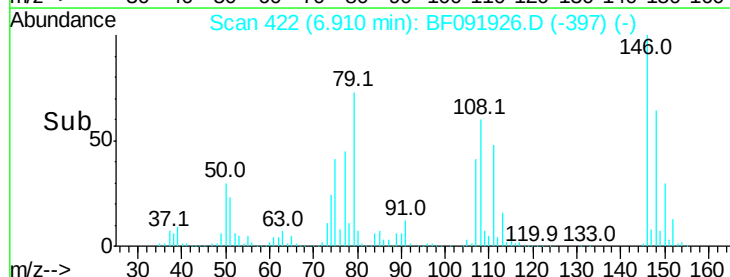
111 48.1 36.2 54.2

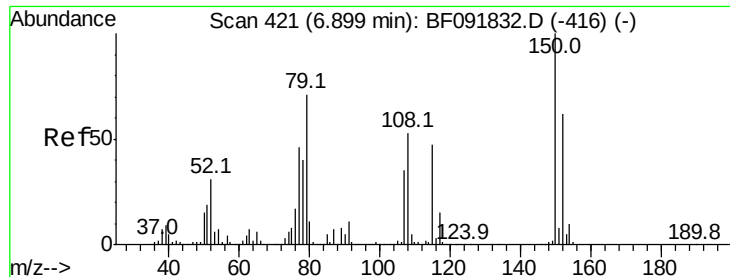


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.71 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

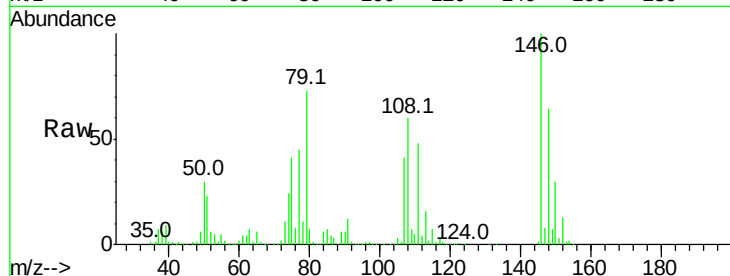
Tot Ion: 79 Resp: 516470

Ion Ratio Lower Upper

79 100

108 82.1 61.4 92.0

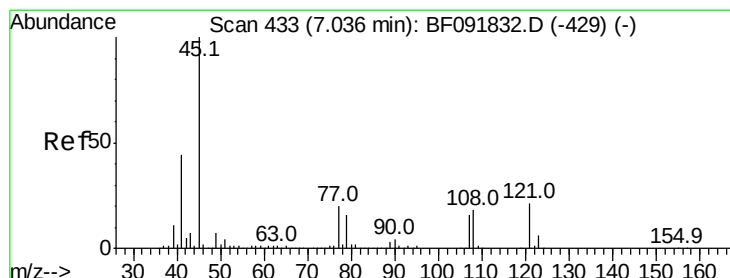
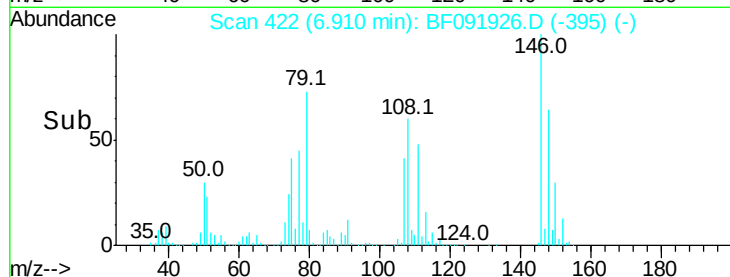
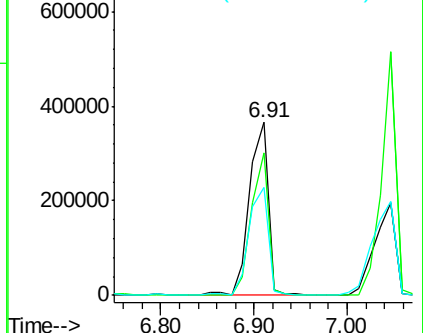
77 62.4 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.25 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

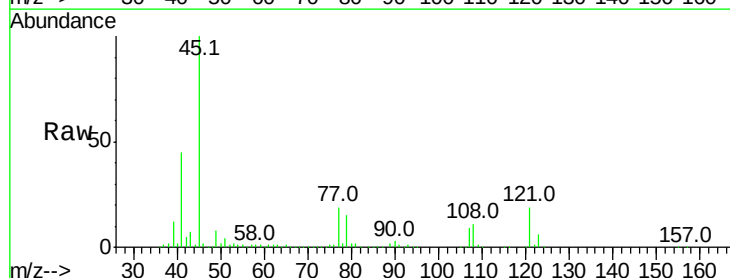
Tgt Ion: 45 Resp: 778493

Ion Ratio Lower Upper

45 100

77 18.9 0.0 34.6

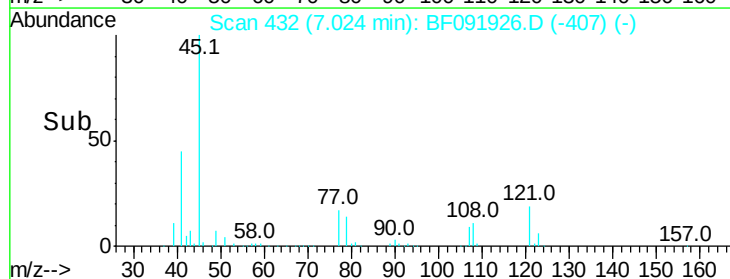
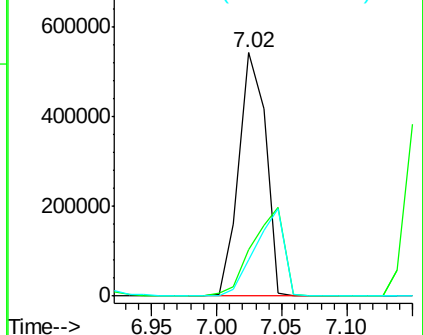
79 15.0 0.0 31.2

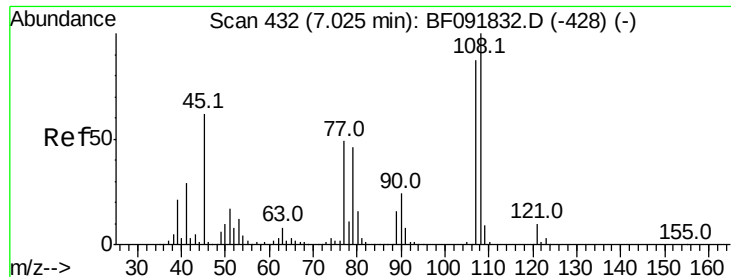


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

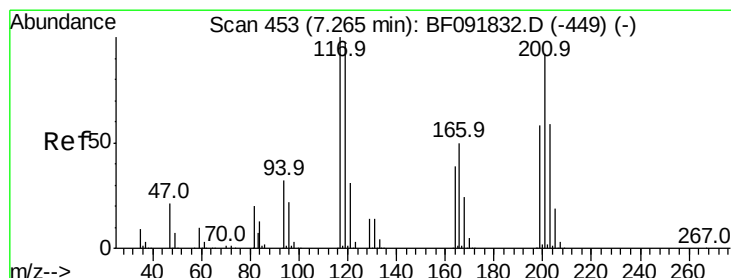
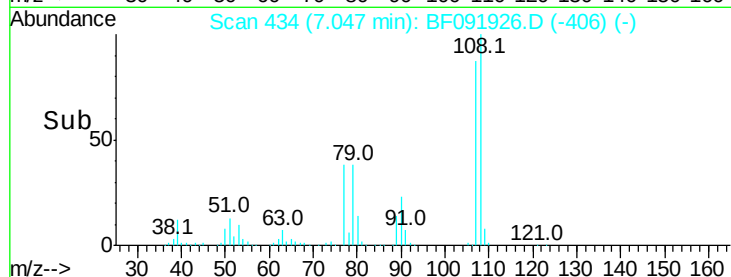
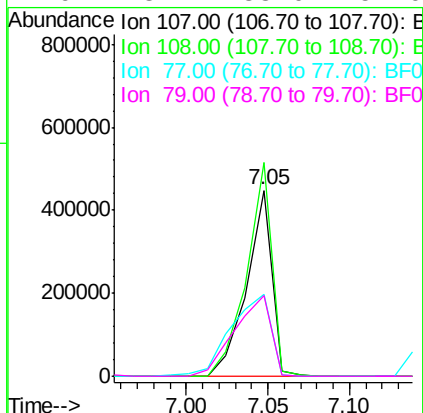
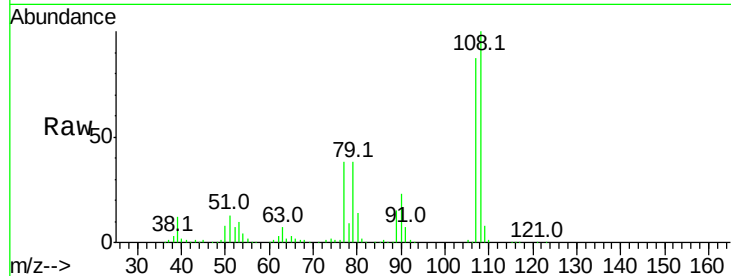




#17
2-Methylphenol
Concen: 47.09 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.02 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

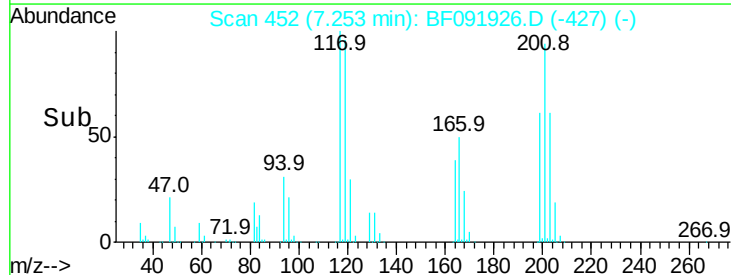
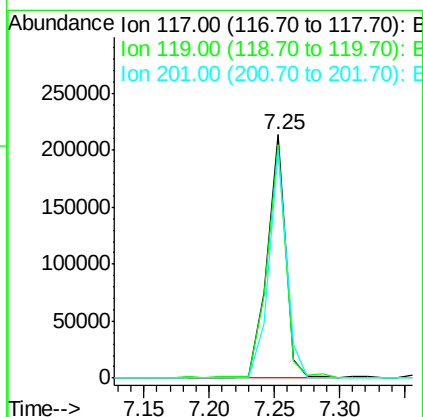
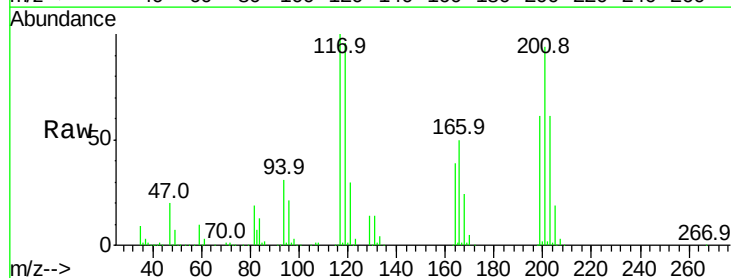
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

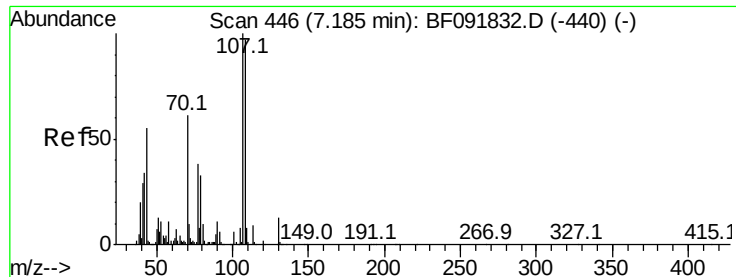
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	93.0	139.6
77	44.1	39.8	59.8
79	43.4	38.0	57.0



#18
Hexachloroethane
Concen: 41.69 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.1	117.1
201	93.6	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 48.57 ng

RT: 7.16 min Scan# 444

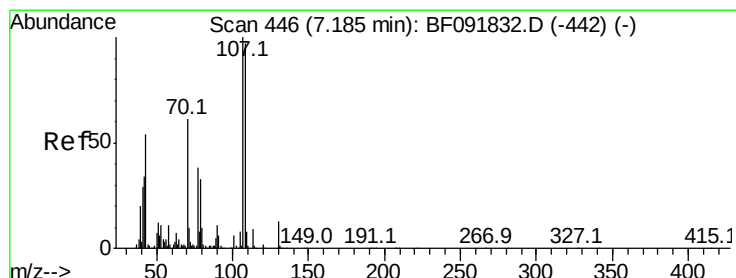
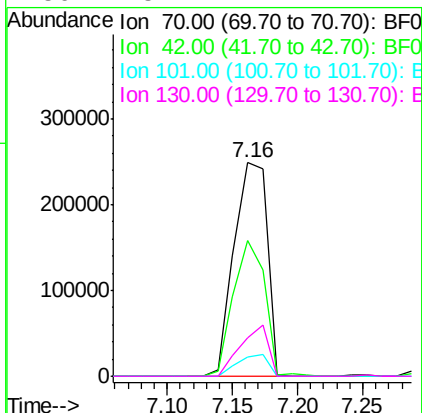
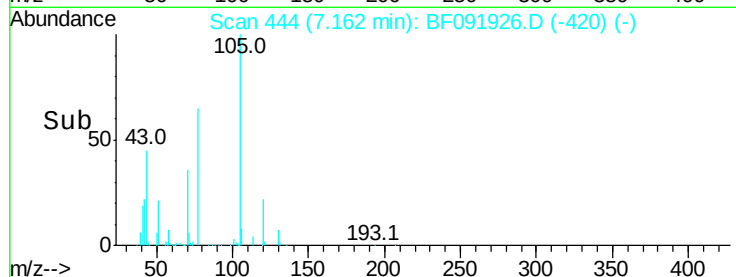
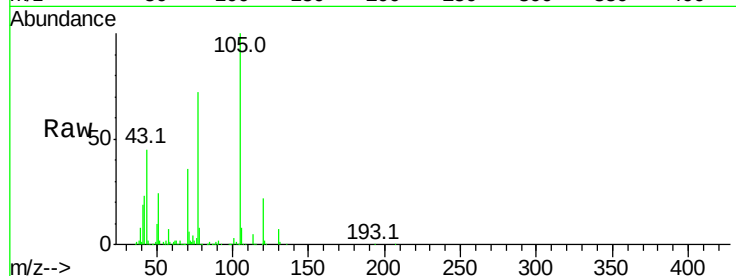
Delta R.T. -0.02 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion:	70	Resp:	440907
Ion	Ratio	Lower	Upper
70	100		
42	63.5	49.4	74.0
101	8.8	7.4	11.2
130	18.2	14.2	21.4



#20

3+4-Methylphenols

Concen: 52.28 ng

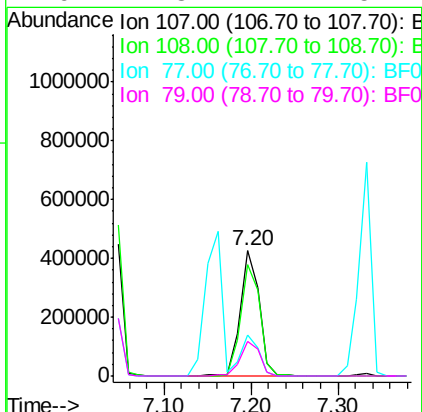
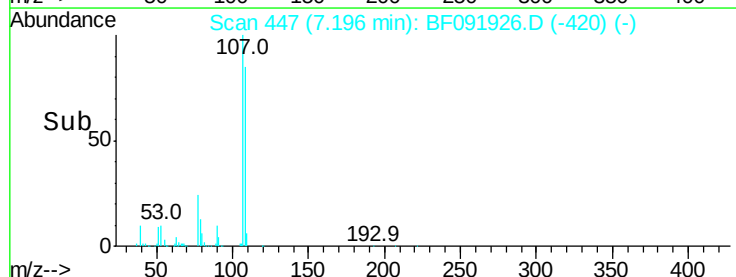
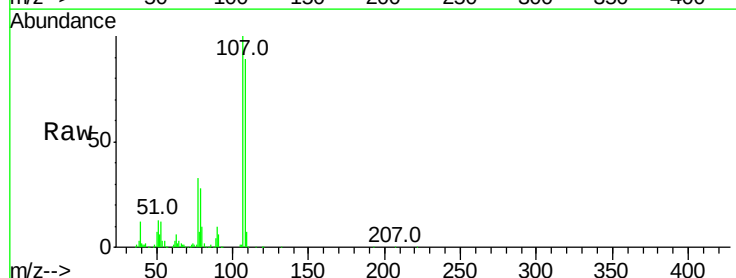
RT: 7.20 min Scan# 447

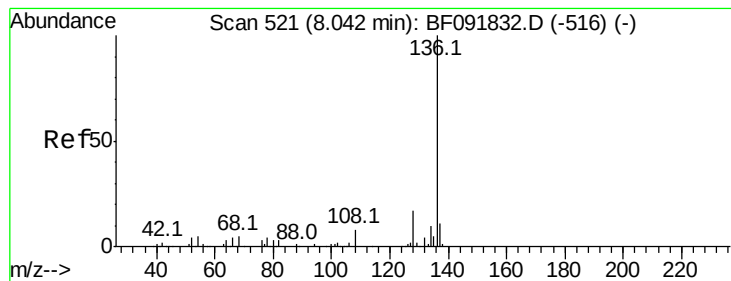
Delta R.T. 0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion:	107	Resp:	637613
Ion	Ratio	Lower	Upper
107	100		
108	89.0	73.0	113.0
77	33.3	71.3	111.3#
79	27.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:136 Resp: 769137

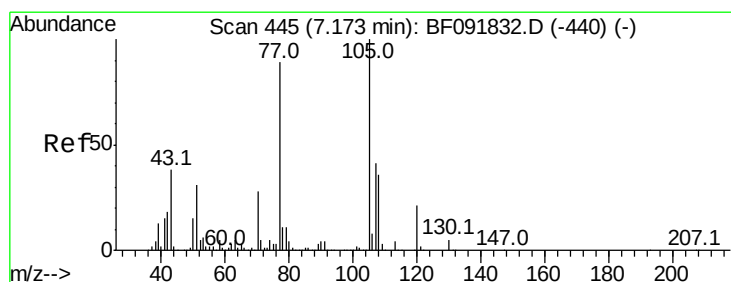
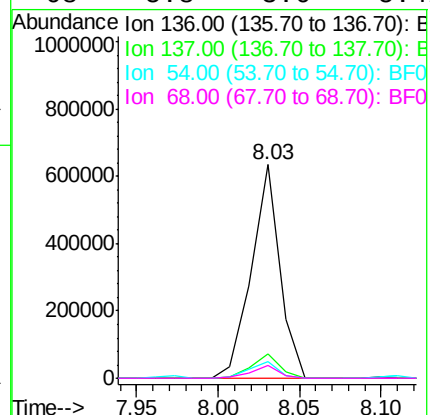
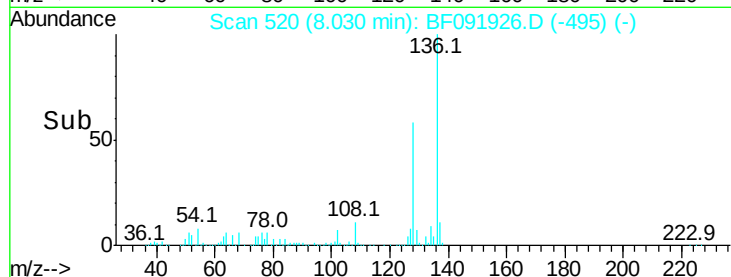
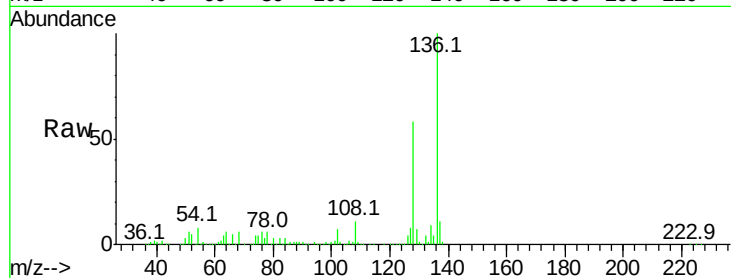
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.0 4.5 6.7#

68 5.8 3.6 5.4#



#22

Acetophenone

Concen: 45.61 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion:105 Resp: 865256

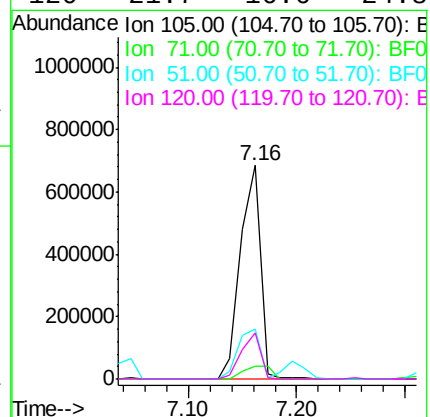
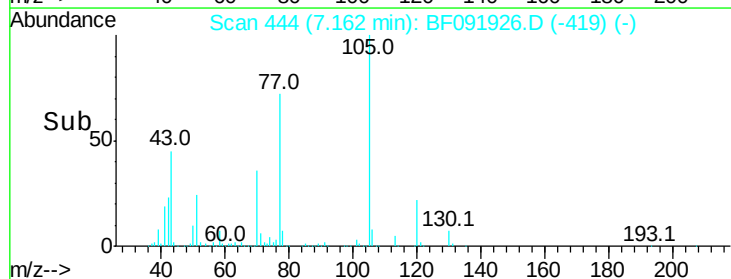
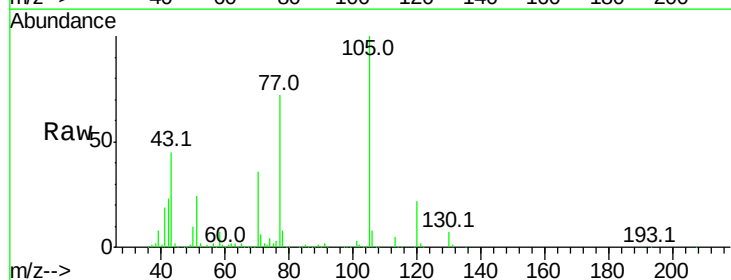
Ion Ratio Lower Upper

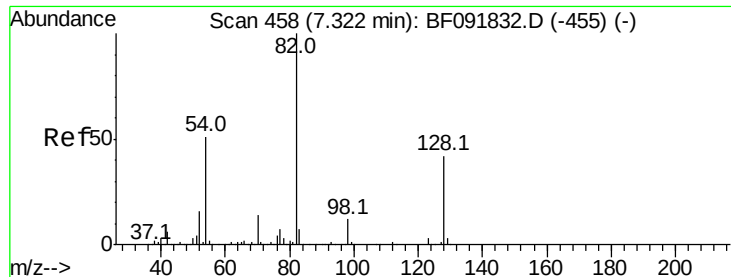
105 100

71 6.3 3.2 4.8#

51 23.6 26.2 39.4#

120 21.7 16.6 24.8

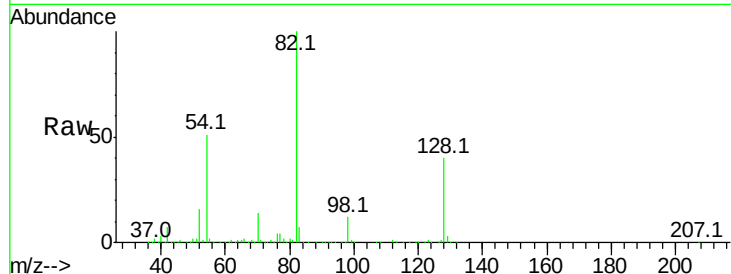




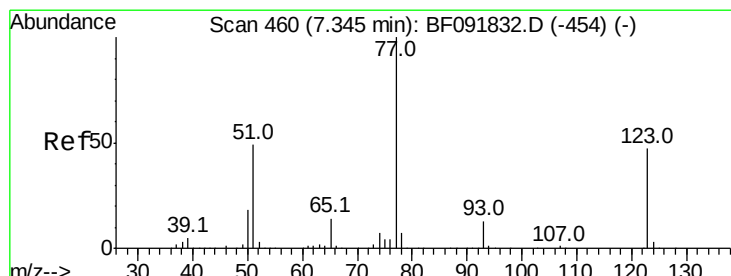
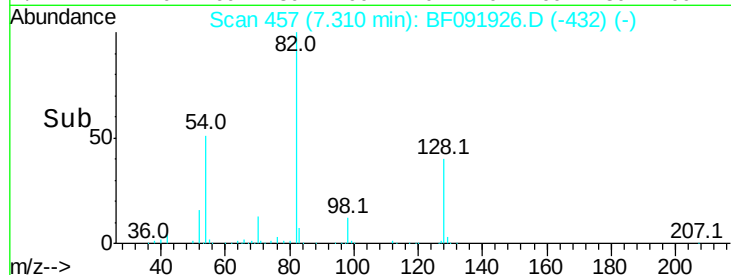
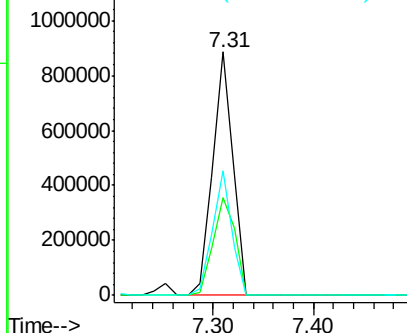
#23
Nitrobenzene-d5
Concen: 89.47 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion: 82 Resp: 1237595
Ion Ratio Lower Upper
82 100
128 40.4 34.6 52.0
54 51.0 39.5 59.3

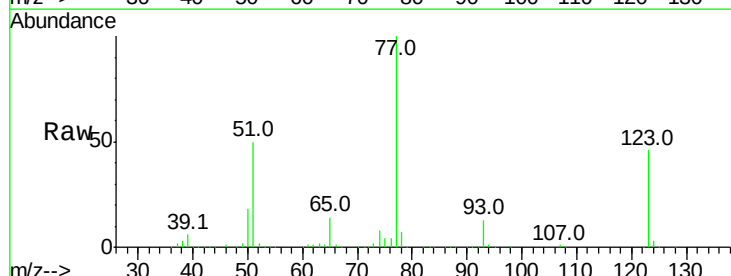


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

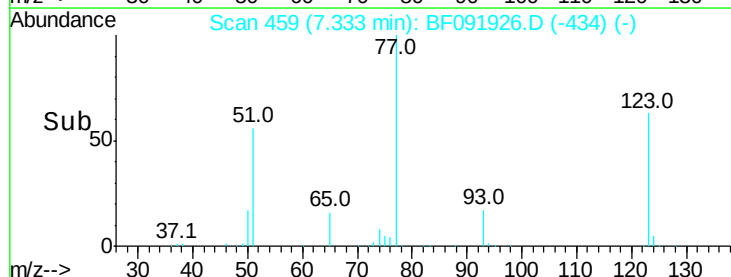
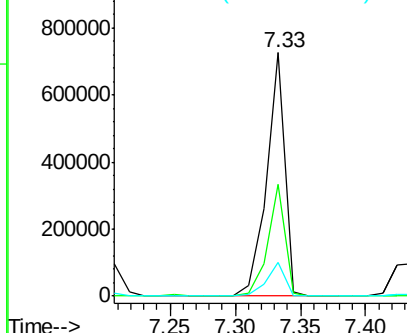


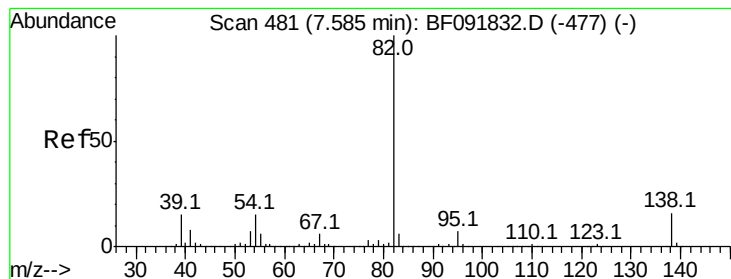
#24
Nitrobenzene
Concen: 48.09 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion: 77 Resp: 708496
Ion Ratio Lower Upper
77 100
123 46.0 33.0 49.4
65 13.7 11.2 16.8



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: 43.72 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

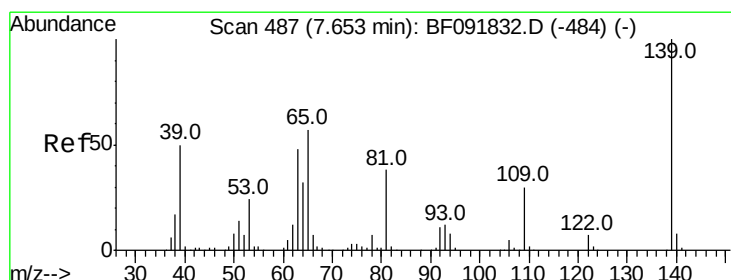
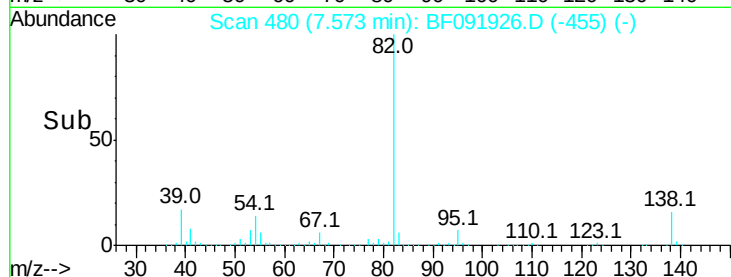
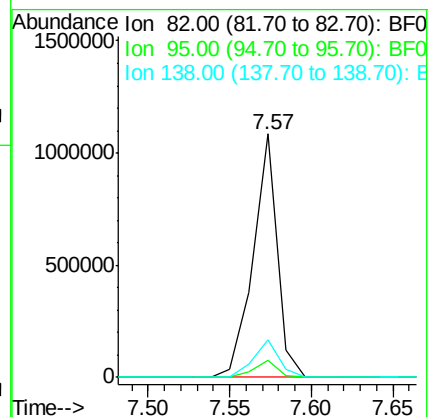
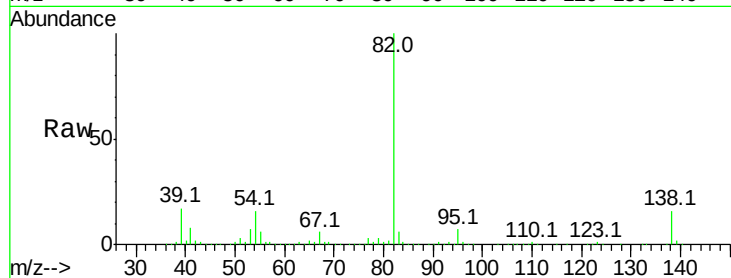
Tot Ion: 82 Resp: 1115696

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 15.6 14.6 22.0



#26

2-Nitrophenol

Concen: 42.22 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

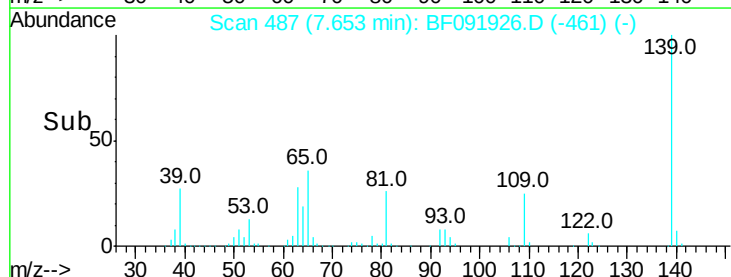
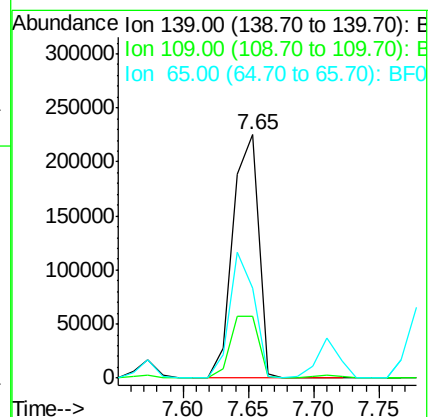
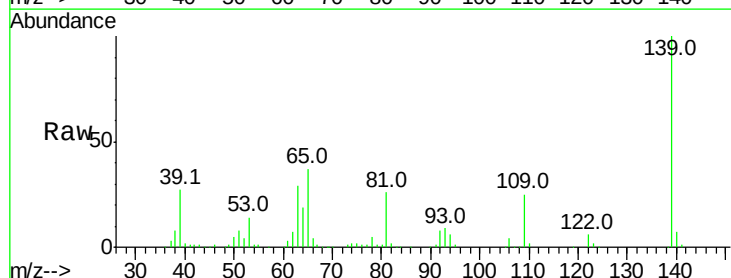
Tgt Ion:139 Resp: 306708

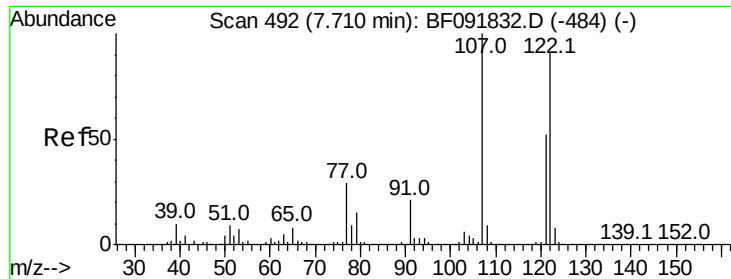
Ion Ratio Lower Upper

139 100

109 25.5 23.3 34.9

65 36.8 42.7 64.1#

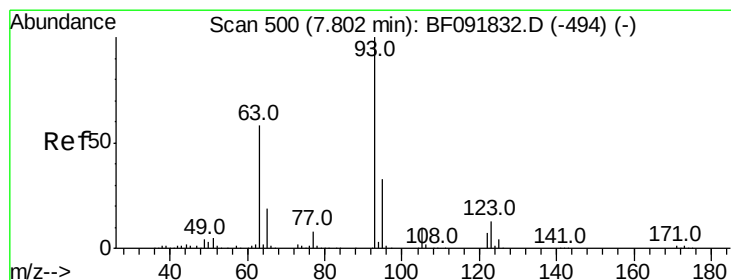
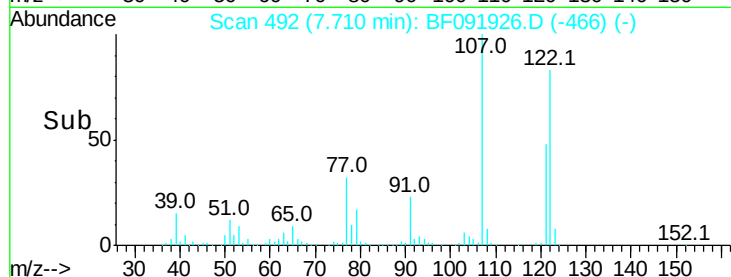
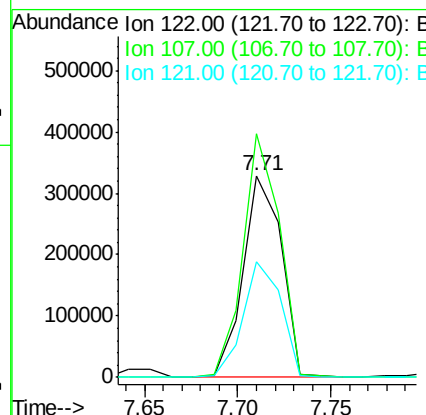
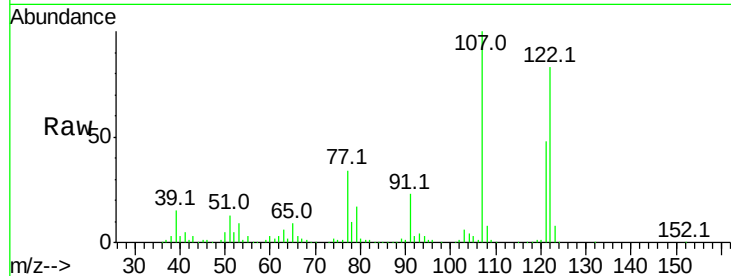




#27
2,4-Dimethylphenol
Concen: 39.07 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

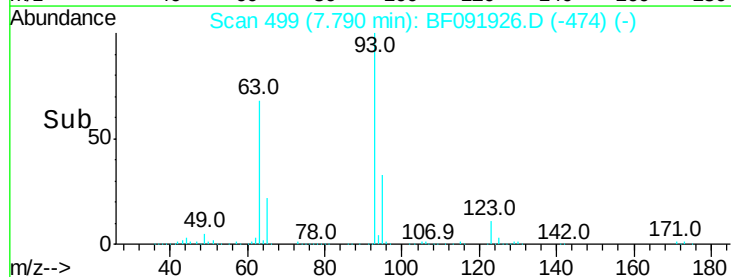
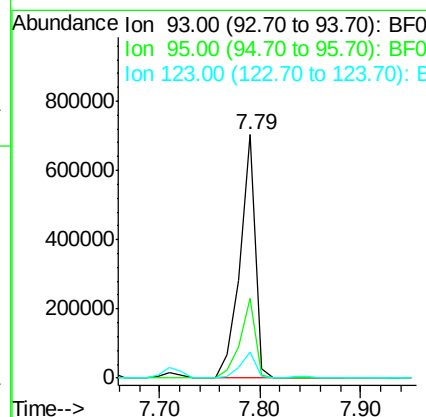
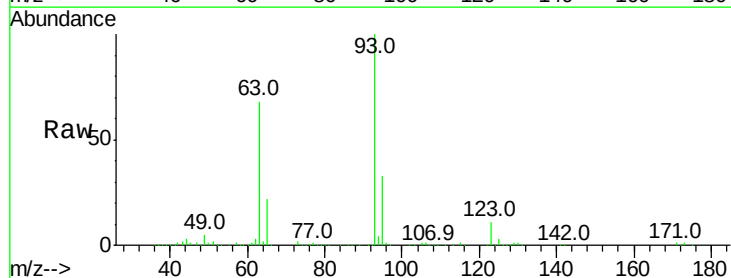
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

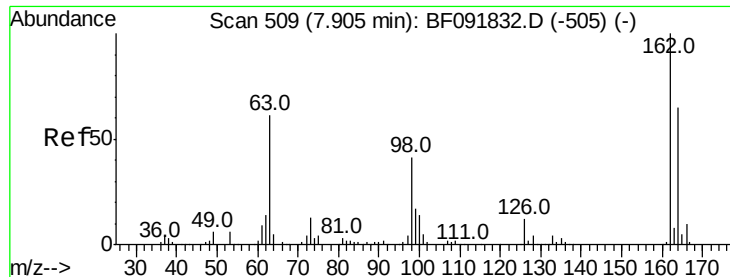
Tot Ion:122 Resp: 470845
Ion Ratio Lower Upper
122 100
107 120.8 94.1 141.1
121 57.5 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.24 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion: 93 Resp: 746465
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 10.7 8.6 13.0

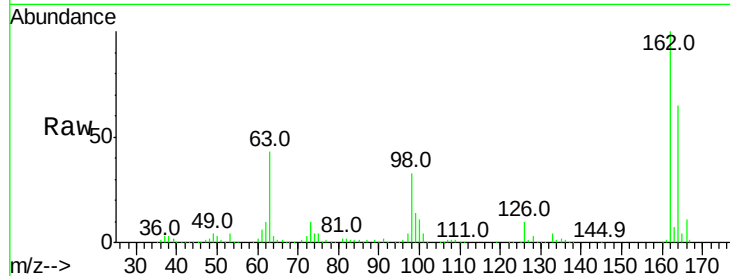




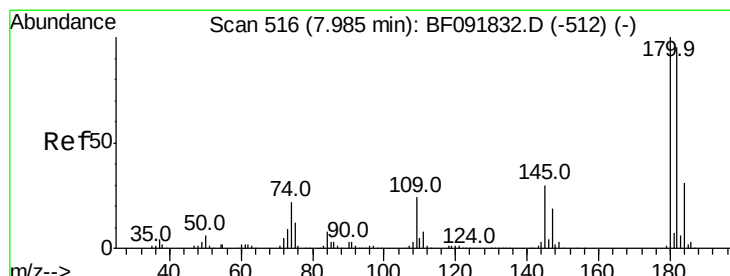
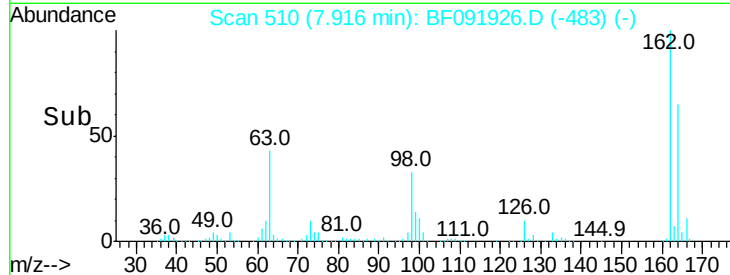
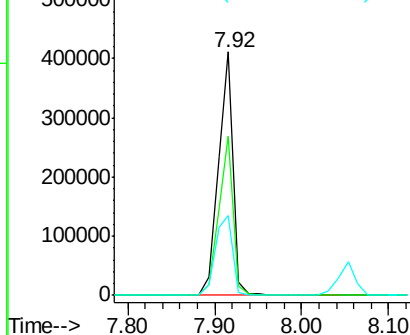
#29
 2,4-Dichlorophenol
 Concen: 47.69 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	46.8	86.8
98	32.6	9.1	49.1

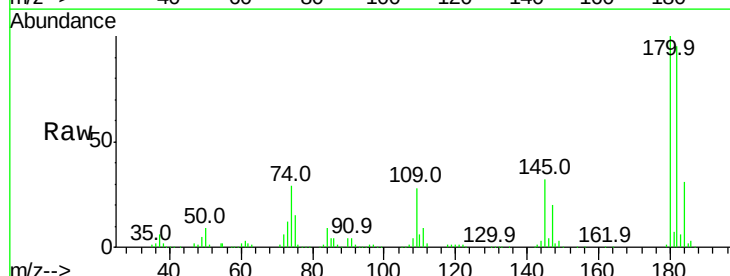


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

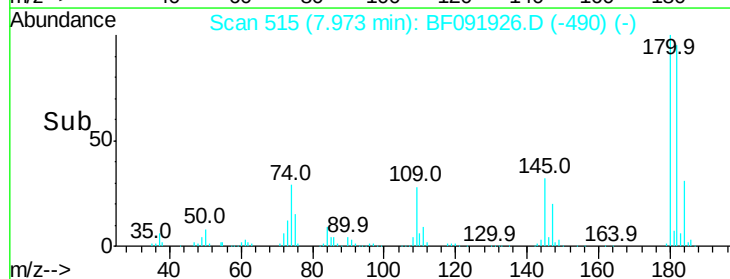
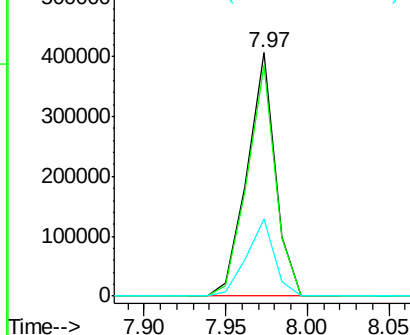


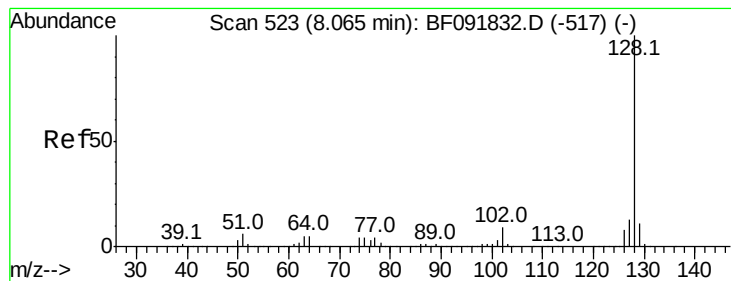
#30
 1,2,4-Trichlorobenzene
 Concen: 43.56 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.2	117.4
145	31.6	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 140.81 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

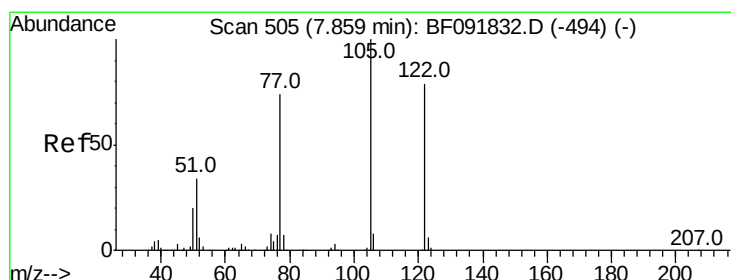
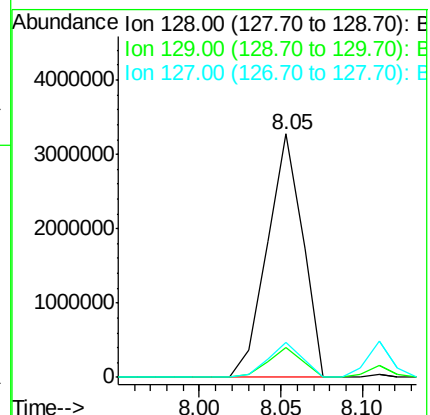
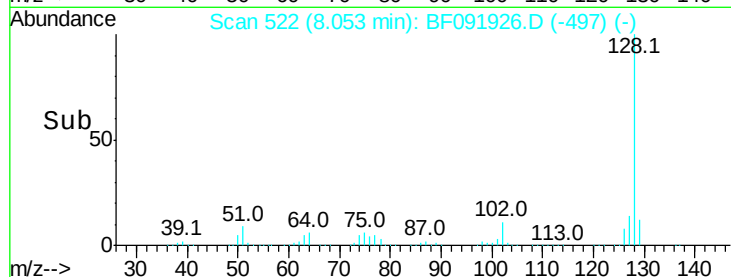
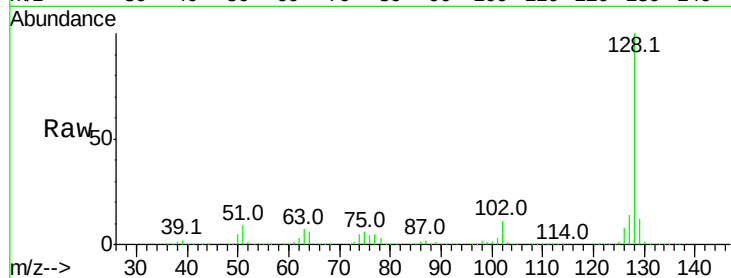
Tot Ion:128 Resp: 4956681

Ion Ratio Lower Upper

128 100

129 12.4 9.5 14.3

127 14.4 10.8 16.2



#32

Benzoic acid

Concen: 13.12 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

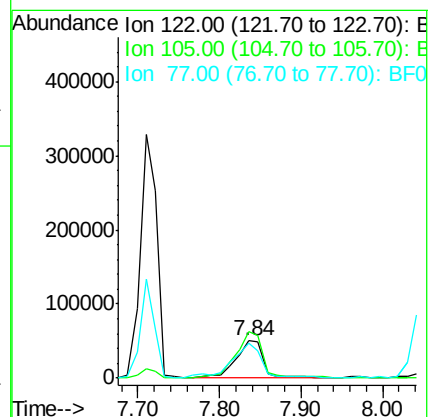
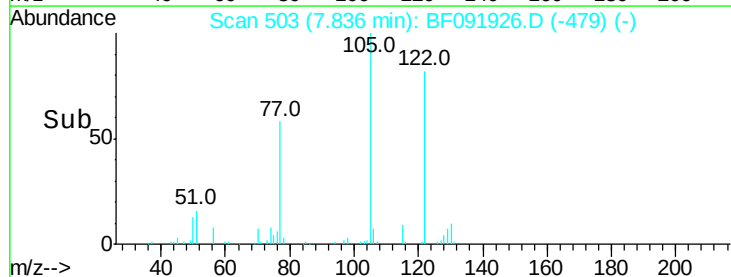
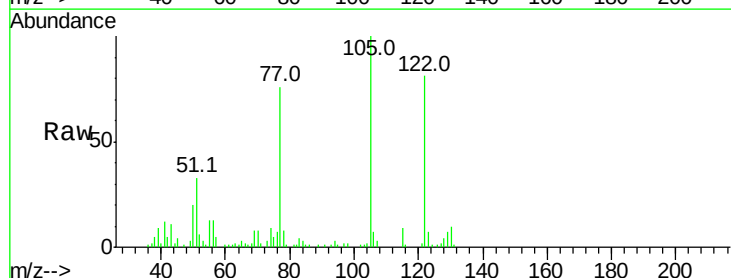
Tgt Ion:122 Resp: 117291

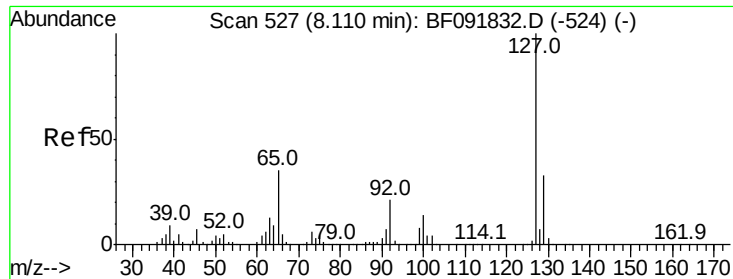
Ion Ratio Lower Upper

122 100

105 123.5 107.2 147.2

77 93.7 74.5 114.5

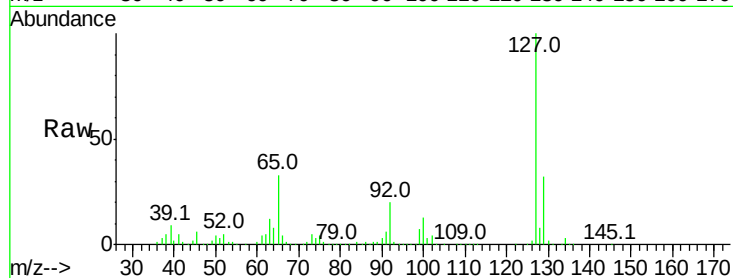




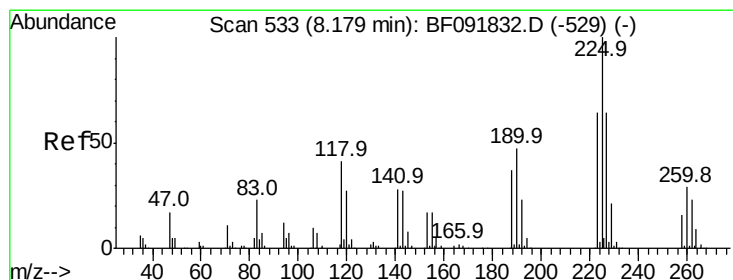
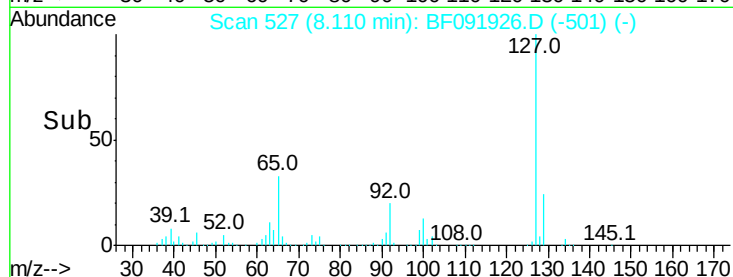
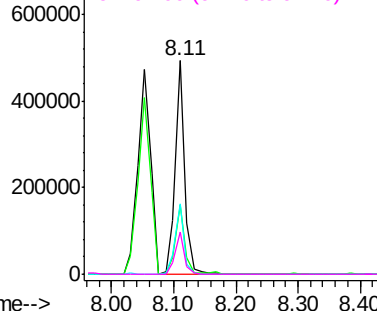
#33
4-Chloroaniline
Concen: 33.35 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion:	127	Resp:	529335
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	32.8	25.8	38.8
92	20.0	16.1	24.1

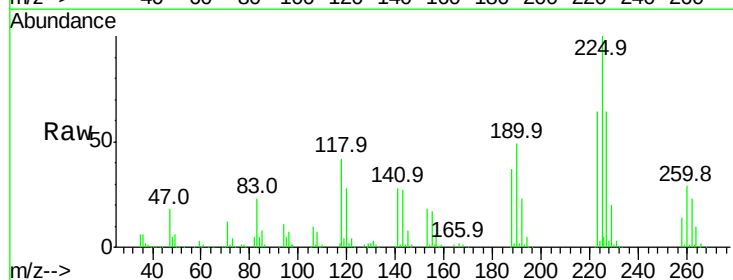


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

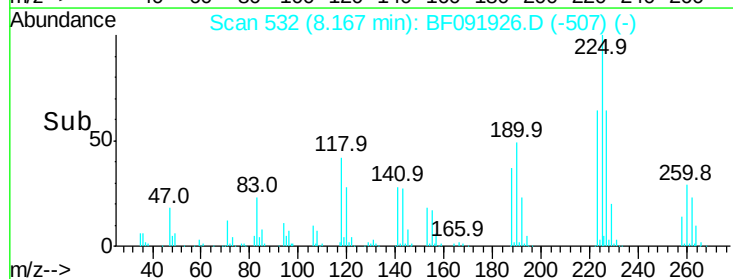
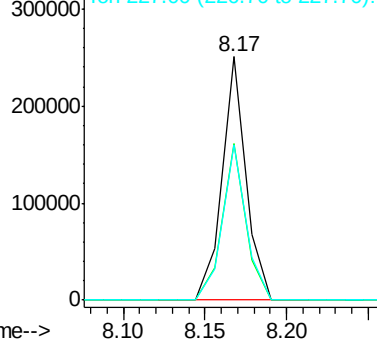


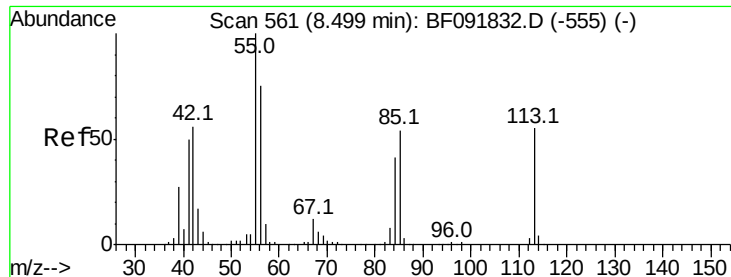
#34
Hexachlorobutadiene
Concen: 43.24 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:	225	Resp:	255196
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	63.7	50.6	76.0



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





#35

Caprolactam

Concen: 39.60 ng/mL

RT: 8.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleID :

WC-201612MS

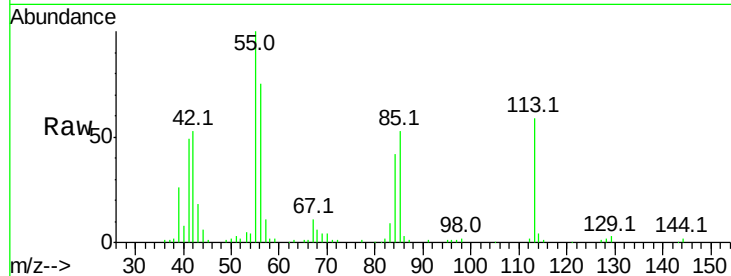
Tot Ion:113 Resp: 132773

Ion Ratio Lower Upper

113 100

55 169.0 119.2 159.2#

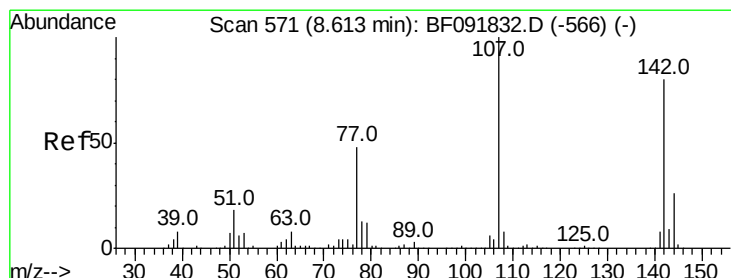
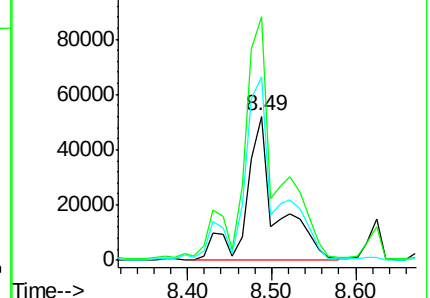
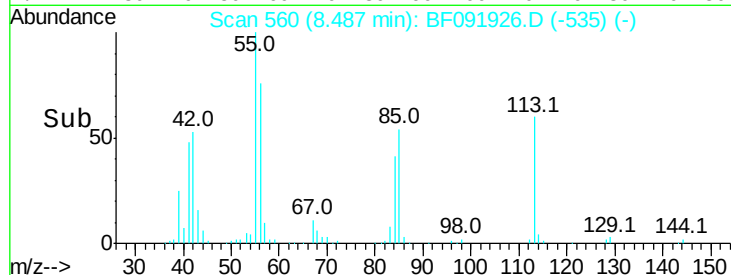
56 127.6 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.33 ng/mL

RT: 8.62 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

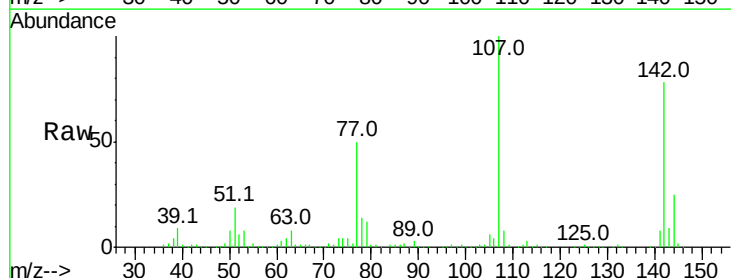
Tgt Ion:107 Resp: 579138

Ion Ratio Lower Upper

107 100

144 25.2 19.3 28.9

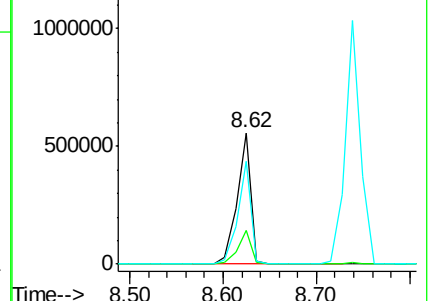
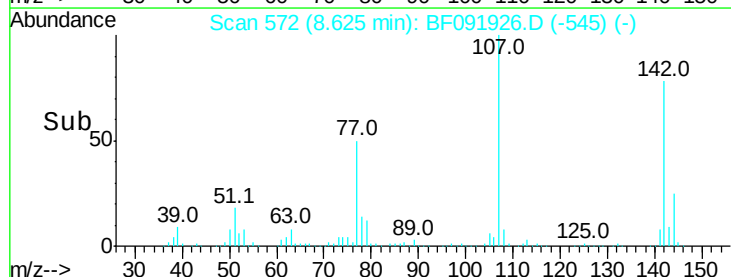
142 78.3 59.0 88.6

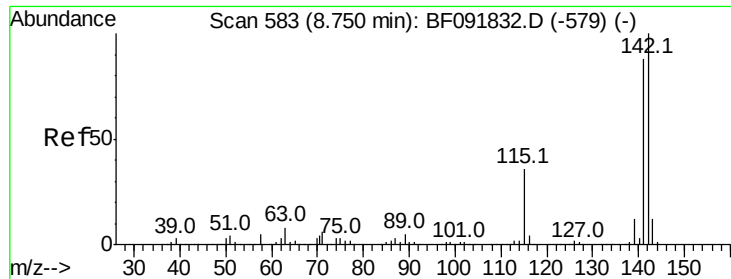


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

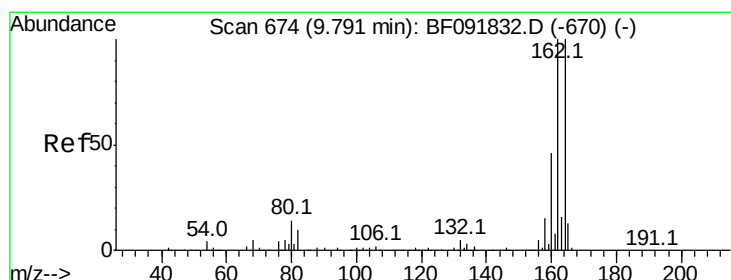
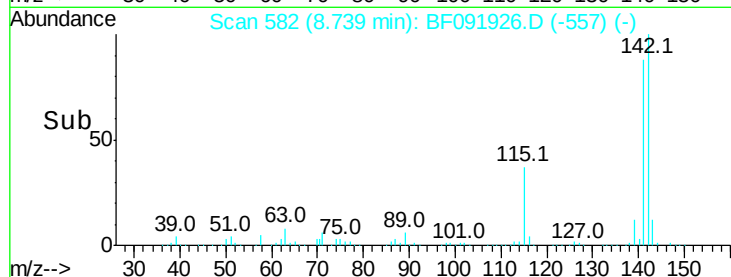
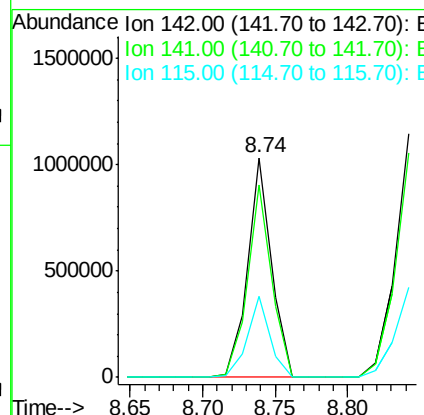
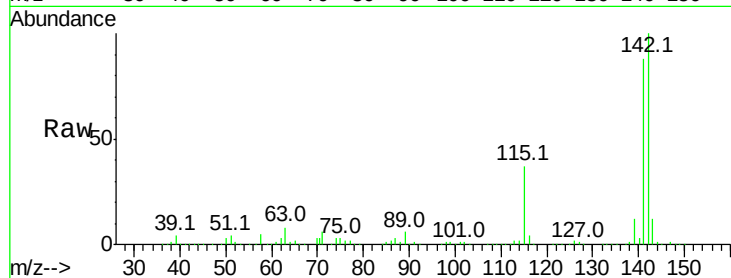




#37
 2-Methylnaphthalene
 Concen: 66.74 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

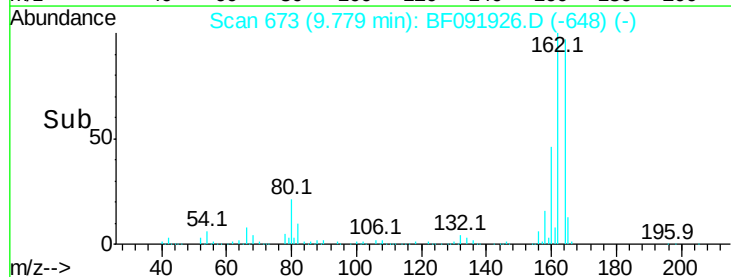
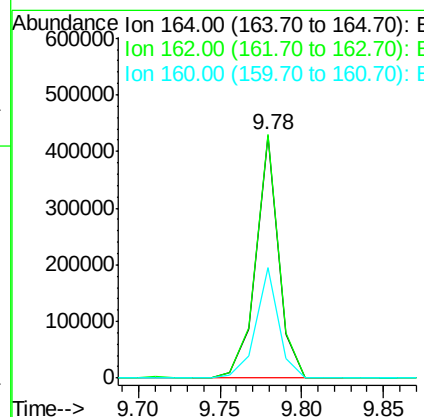
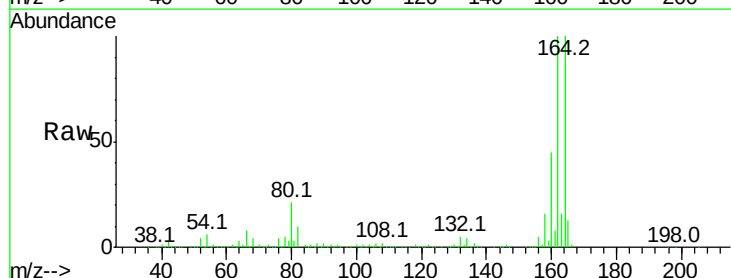
Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

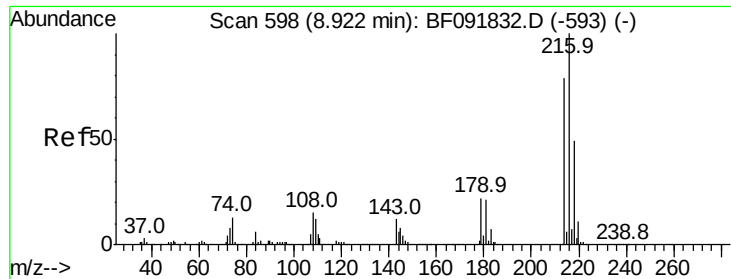
Tot Ion:142 Resp: 1177721
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.0 106.6
 115 37.0 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion:164 Resp: 413103
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.2 120.2
 160 45.5 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.56 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:216 Resp: 485979

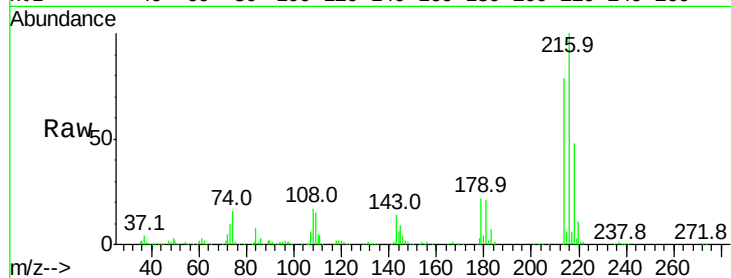
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 22.7 17.4 26.2

108 21.8 15.6 23.4

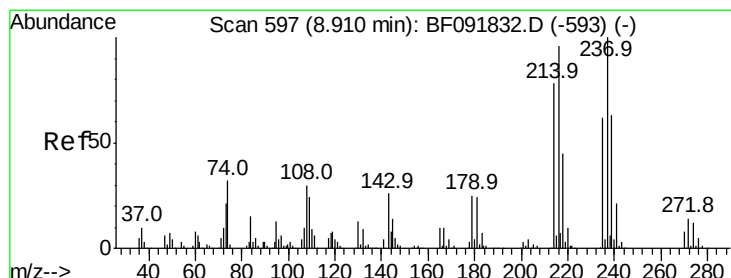
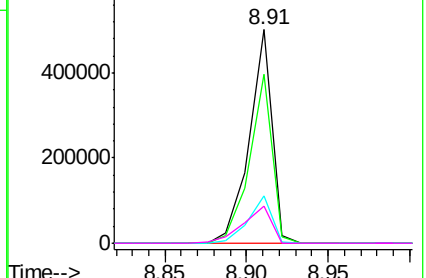
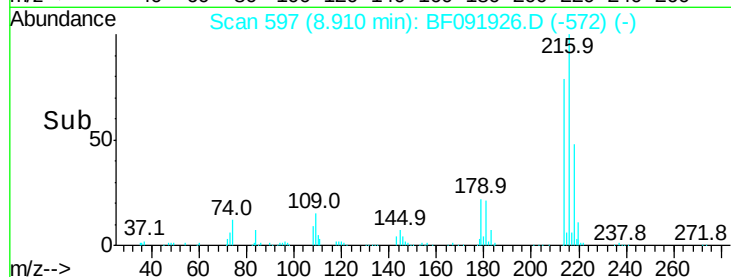


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.98 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

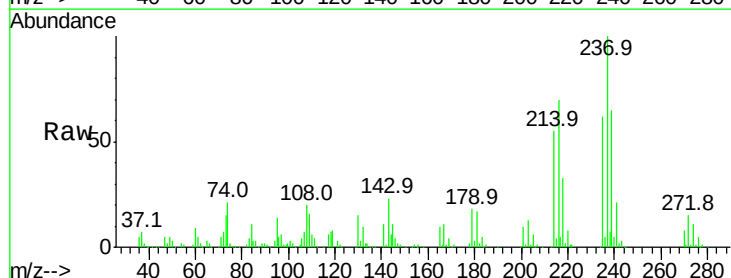
Tgt Ion:237 Resp: 269048

Ion Ratio Lower Upper

237 100

235 61.8 41.2 81.2

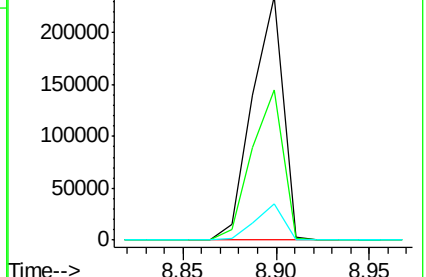
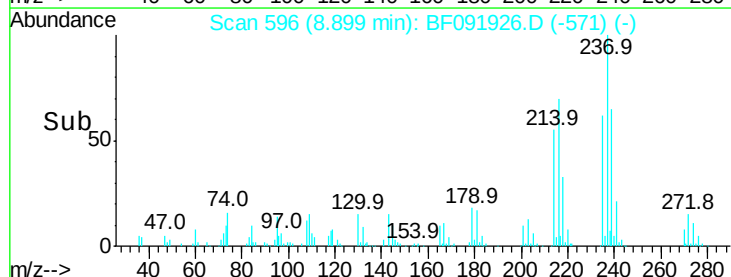
272 14.7 0.0 35.4

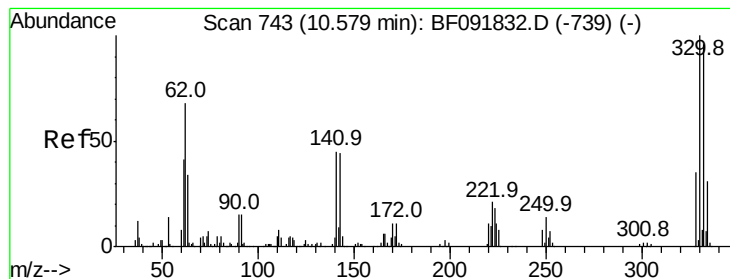


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 148.65 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

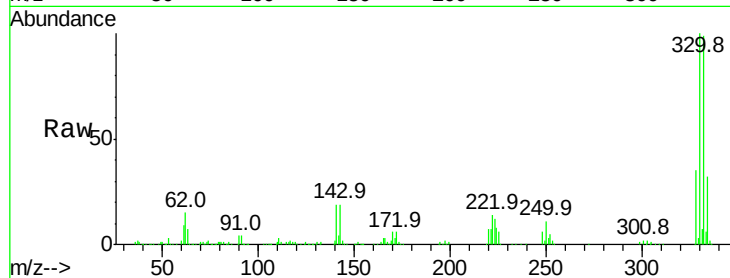
Tot Ion:330 Resp: 508198

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

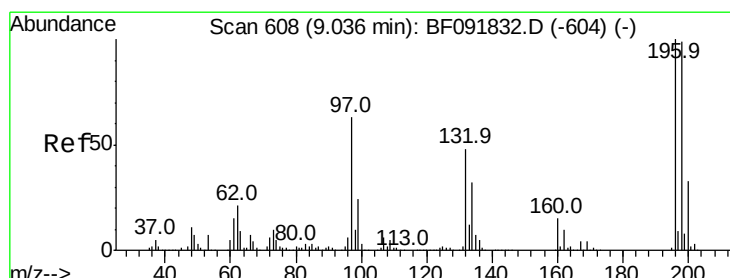
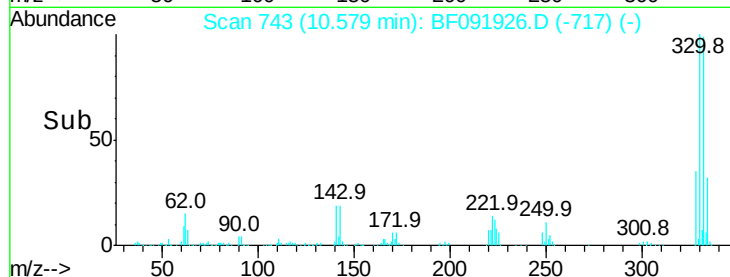
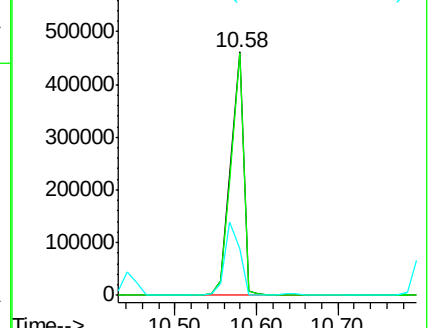
141 34.4 34.1 51.1



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: 43.59 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

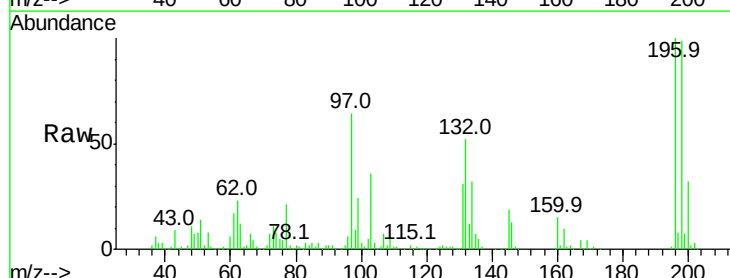
Tgt Ion:196 Resp: 318196

Ion Ratio Lower Upper

196 100

198 99.2 82.1 123.1

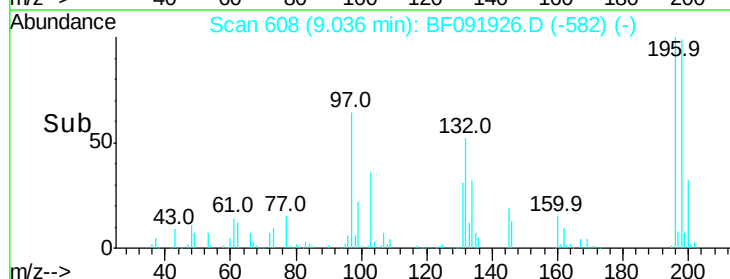
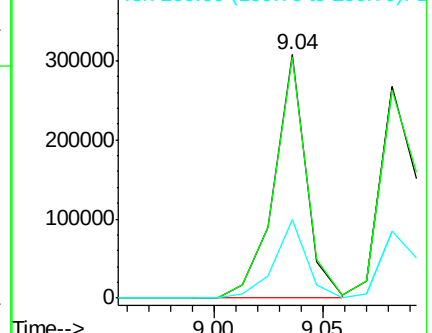
200 32.4 27.0 40.4

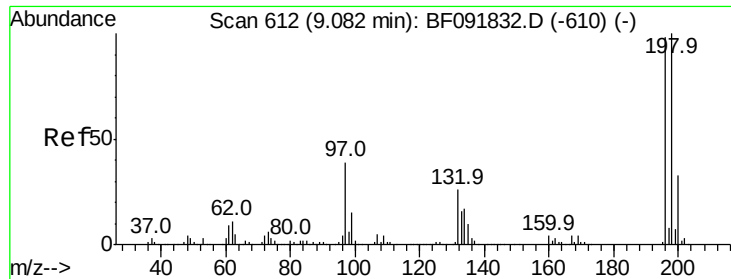


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

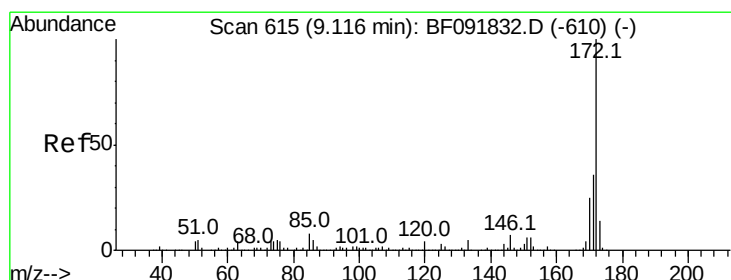
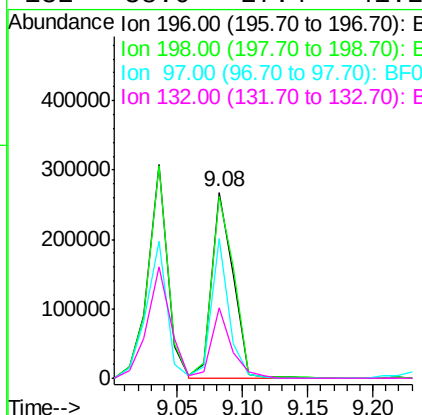
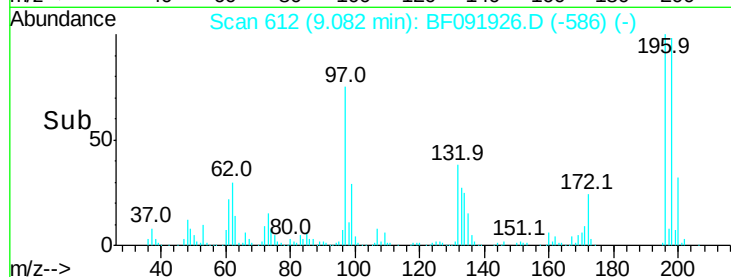
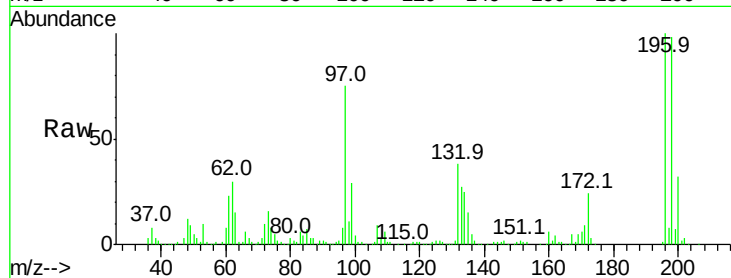




#43
 2,4,5-Trichlorophenol
 Concen: 40.83 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

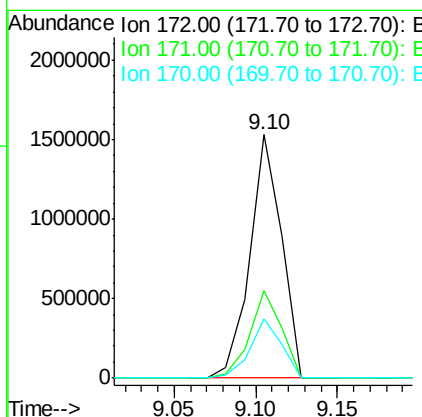
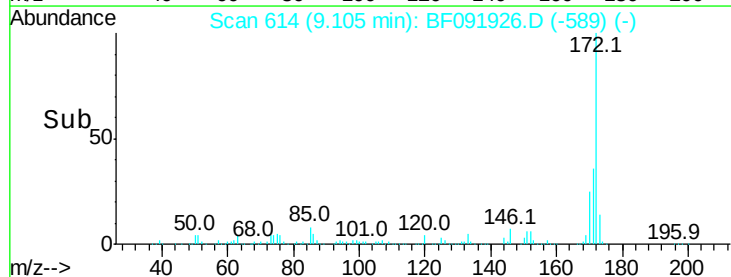
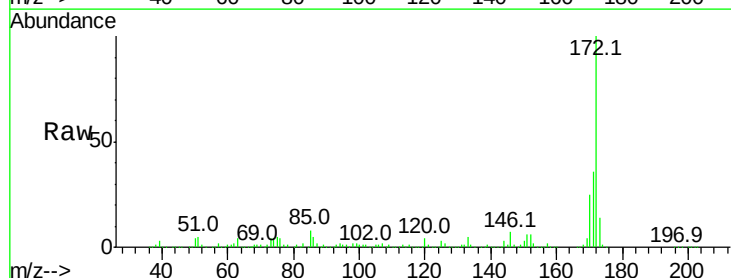
Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

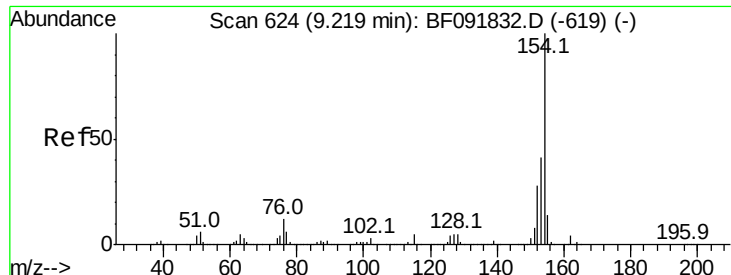
Tot Ion:	196	Resp:	306683
Ion	Ratio	Lower	Upper
196	100		
198	98.0	79.4	119.2
97	75.2	51.5	77.3
132	38.0	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 104.54 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion:	172	Resp:	2047919
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.5	20.2	30.4

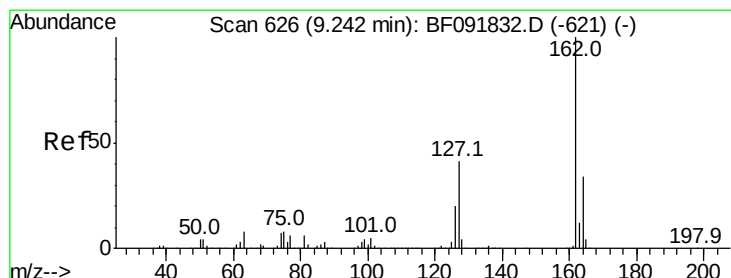
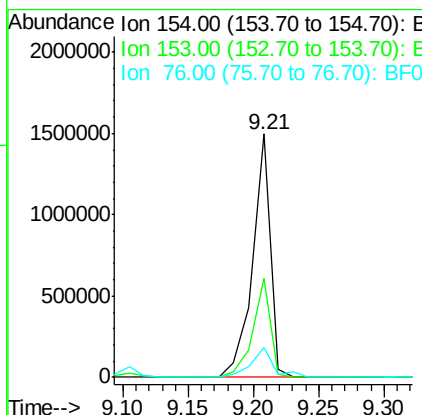
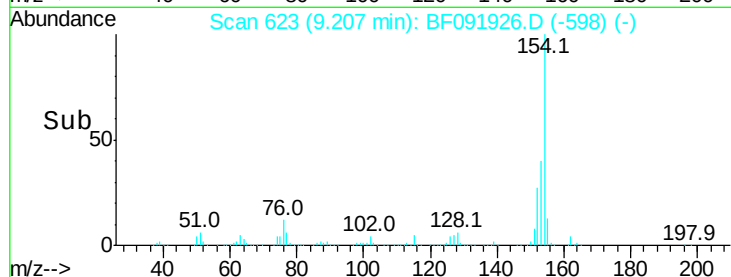
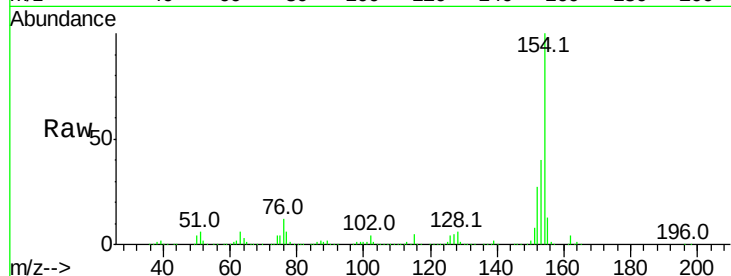




#45
1,1'-Biphenyl
Concen: 50.08 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

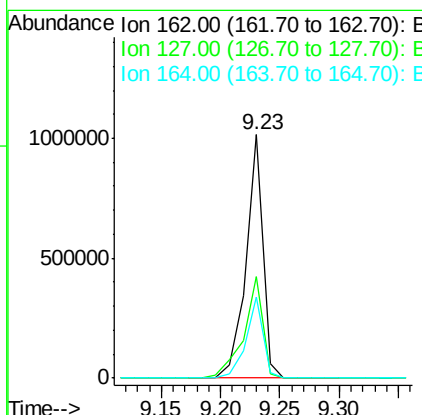
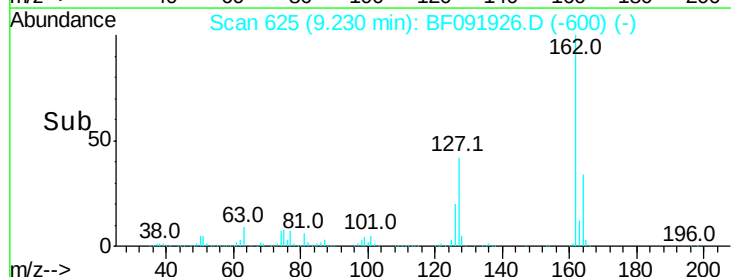
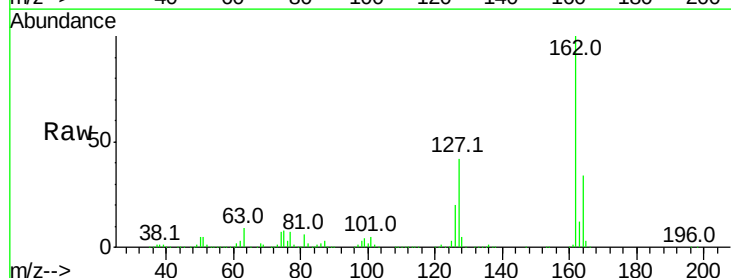
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

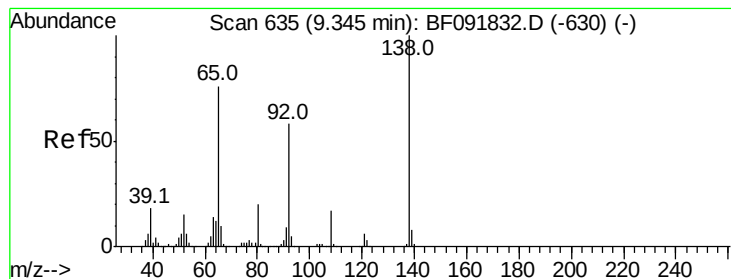
Tot Ion:154 Resp: 1416447
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 12.4 0.0 30.5



#46
2-Chloronaphthalene
Concen: 45.26 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:162 Resp: 1013816
Ion Ratio Lower Upper
162 100
127 41.9 30.7 46.1
164 33.6 27.6 41.4





#47

2-Nitroaniline

Concen: 38.86 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

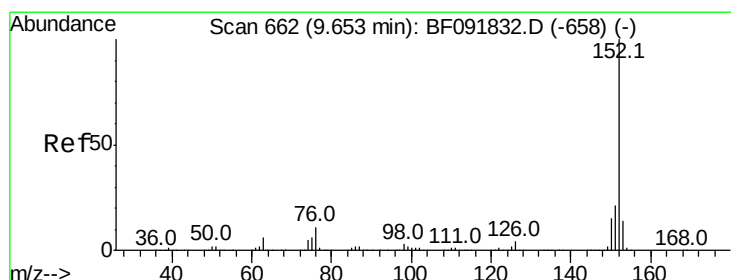
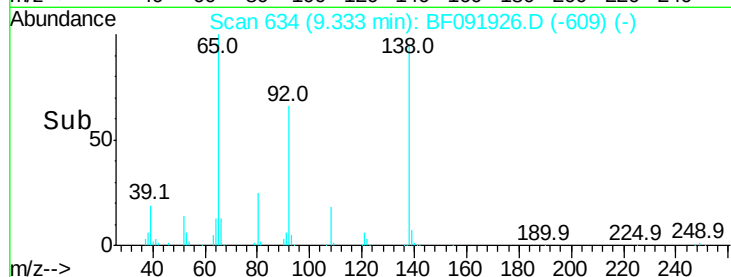
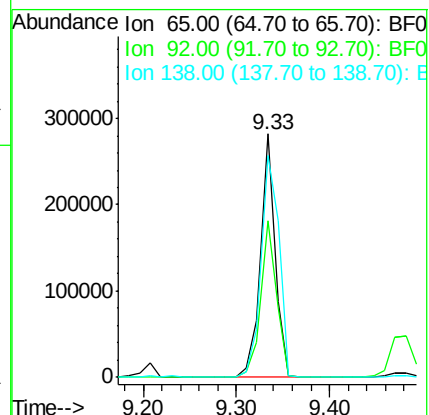
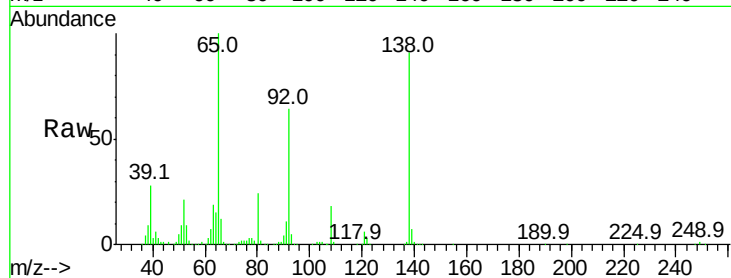
Tot Ion: 65 Resp: 309920

Ion Ratio Lower Upper

65 100

92 64.4 53.9 80.9

138 91.2 76.8 115.2



#48

Acenaphthylene

Concen: 44.44 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

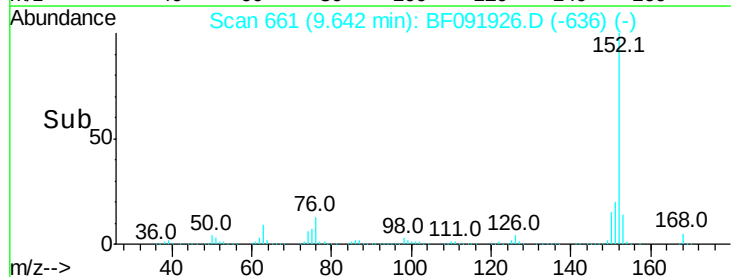
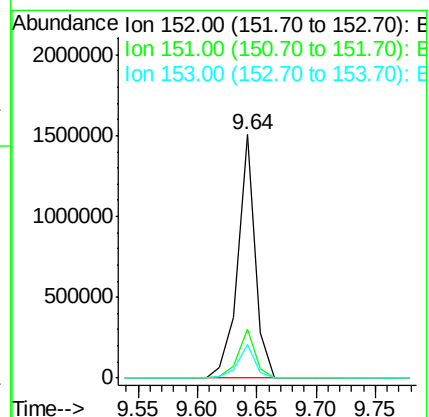
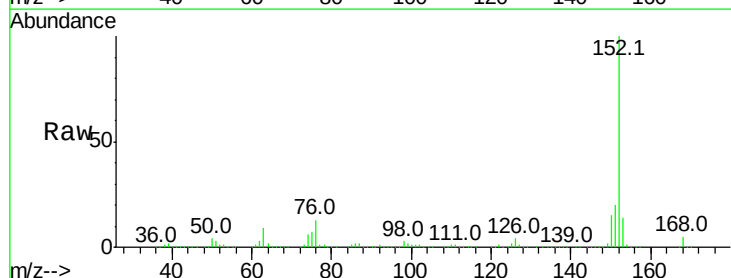
Tgt Ion: 152 Resp: 1530795

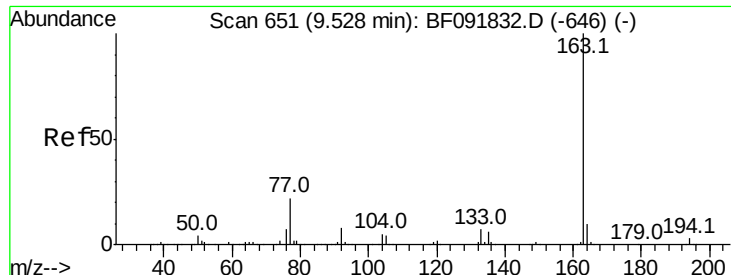
Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

153 14.0 11.4 17.2





#49

Dimethylphthalate

Concen: 46.44 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

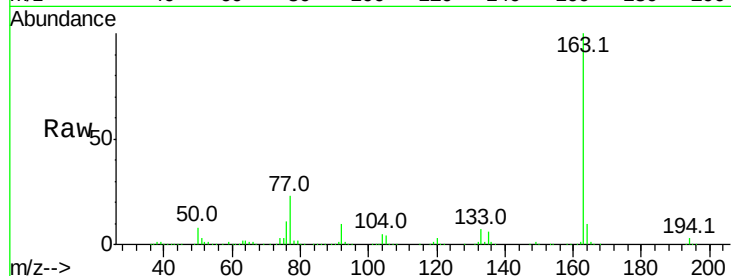
Tot Ion:163 Resp: 1227032

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

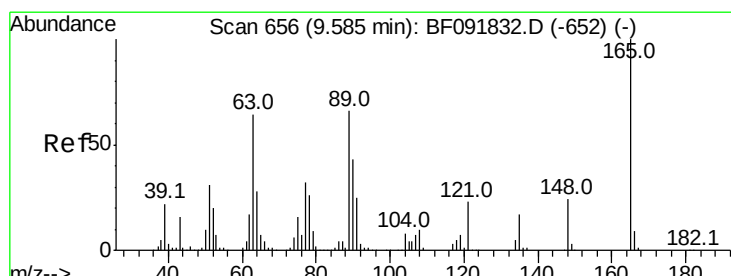
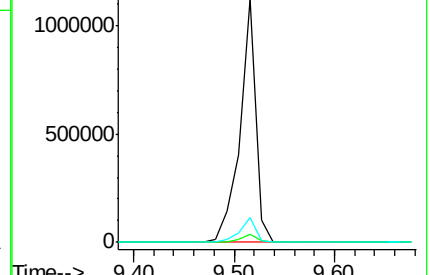
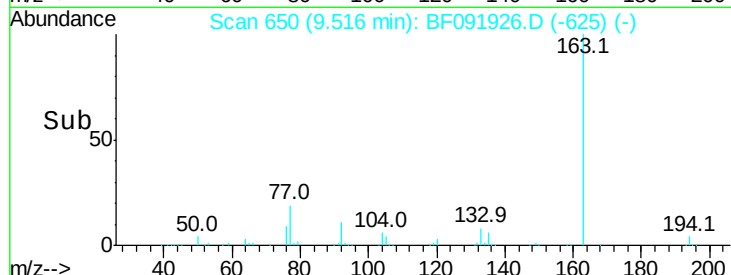
164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.37 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

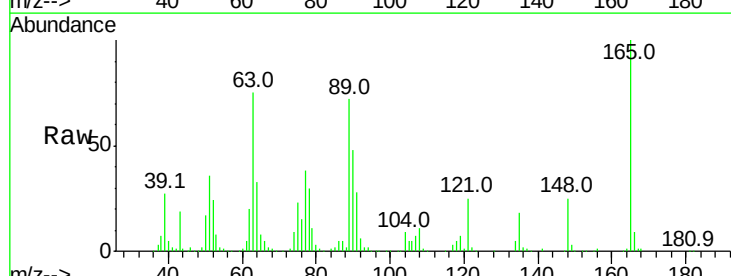
Tgt Ion:165 Resp: 256602

Ion Ratio Lower Upper

165 100

63 74.9 36.2 54.4#

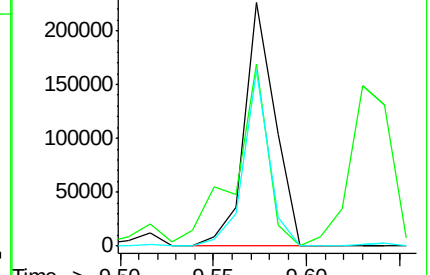
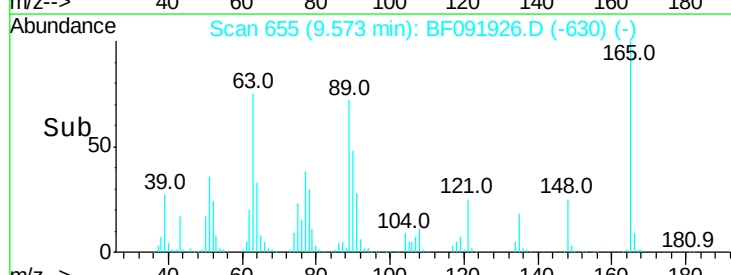
89 72.2 40.2 60.4#

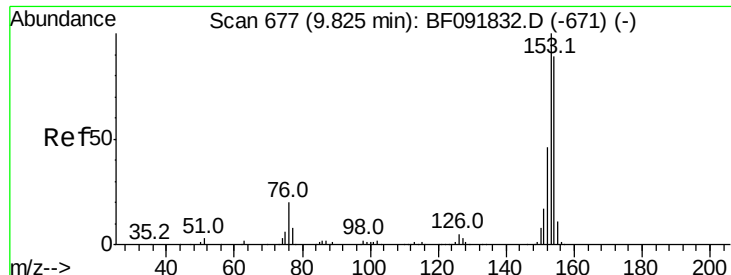


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.45 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

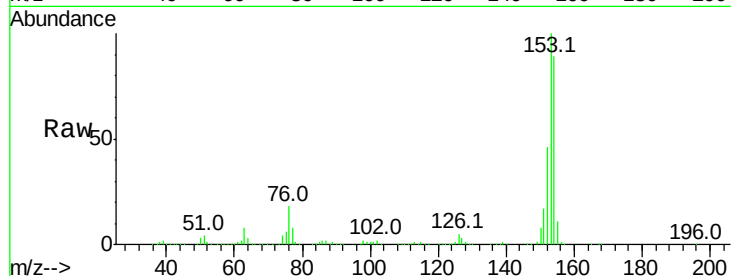
Tot Ion:154 Resp: 968092

Ion Ratio Lower Upper

154 100

153 112.2 88.6 133.0

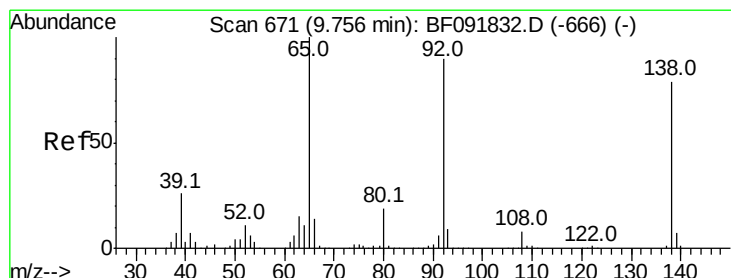
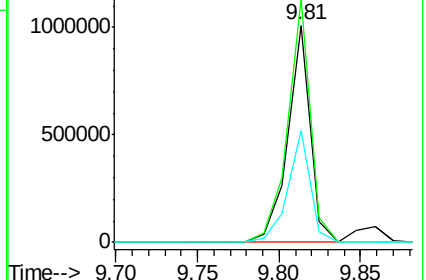
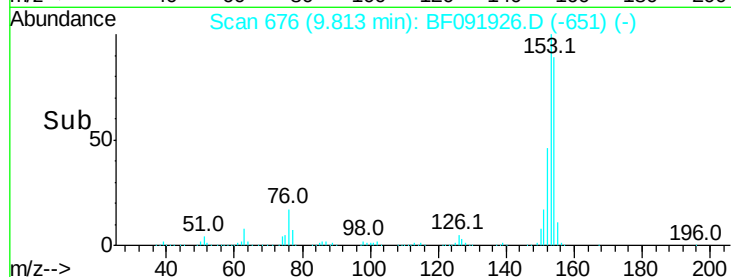
152 51.5 41.6 62.4



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: 36.05 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

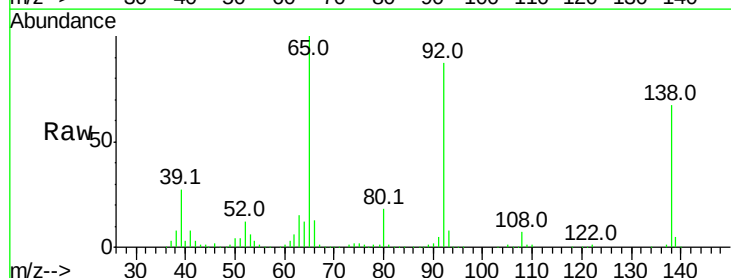
Tgt Ion:138 Resp: 258002

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

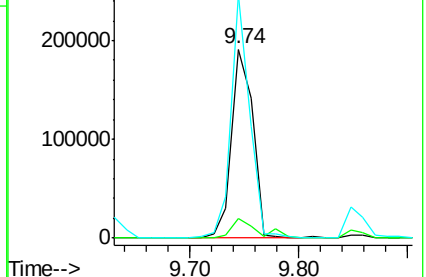
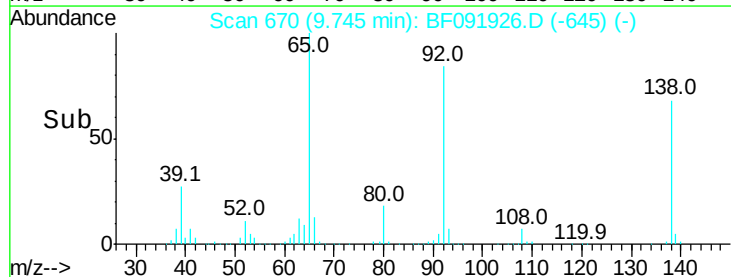
92 128.9 97.8 146.8

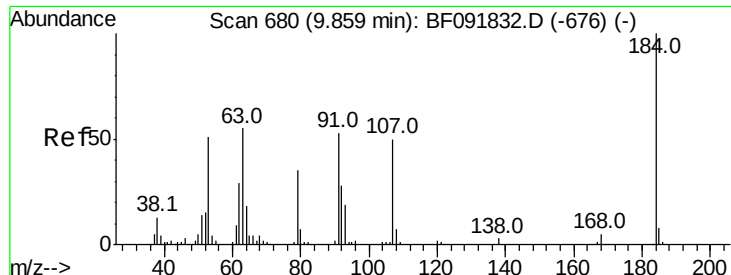


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

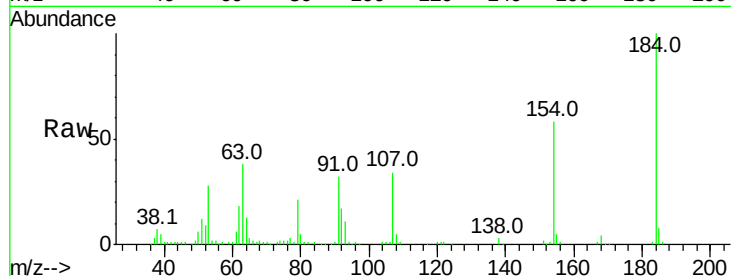




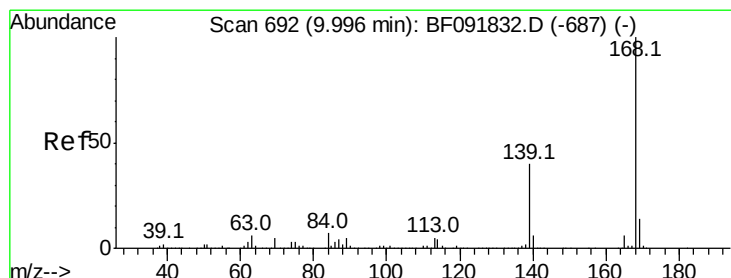
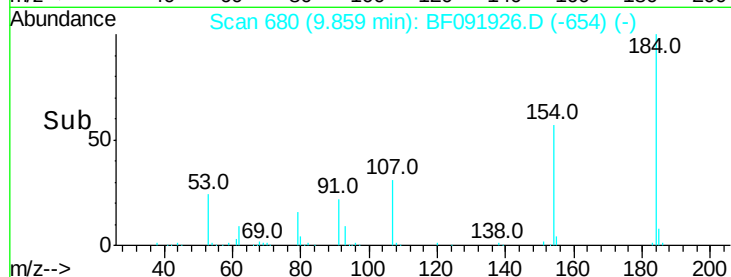
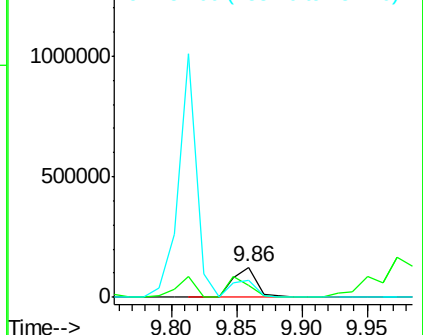
#53
2,4-Dinitrophenol
Concen: 49.17 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion:184 Resp: 158230
Ion Ratio Lower Upper
184 100
63 38.3 28.4 42.6
154 57.8 44.3 66.5

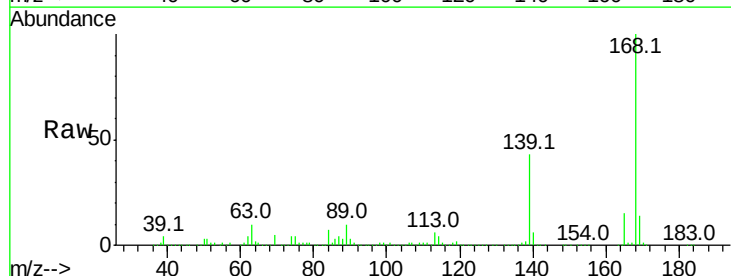


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

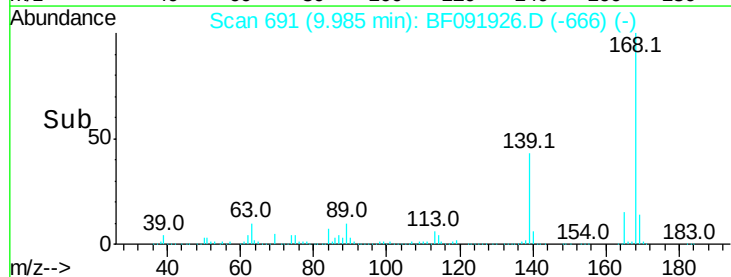
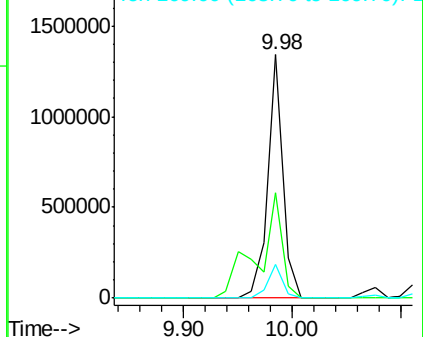


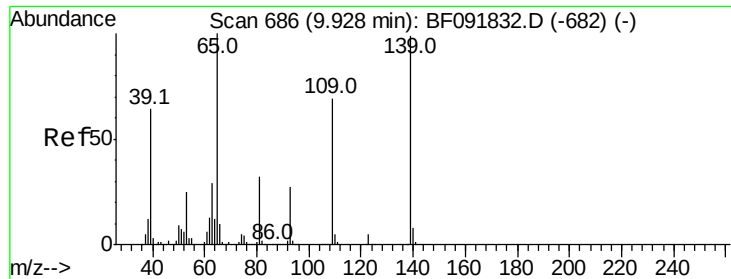
#54
Dibenzofuran
Concen: 41.55 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:168 Resp: 1310618
Ion Ratio Lower Upper
168 100
139 43.4 32.6 49.0
169 13.9 11.3 16.9



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: 92.72 ng/mL

RT: 9.95 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleID :

WC-201612MS

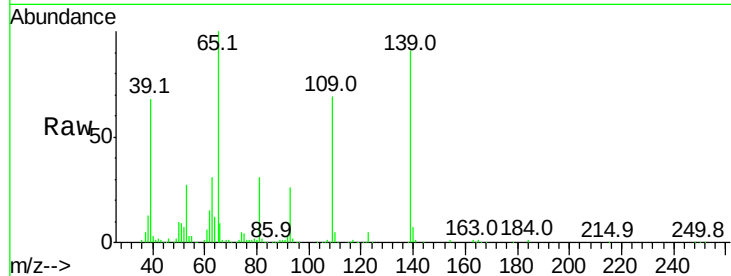
Tot Ion:139 Resp: 450571

Ion Ratio Lower Upper

139 100

109 75.6 52.2 92.2

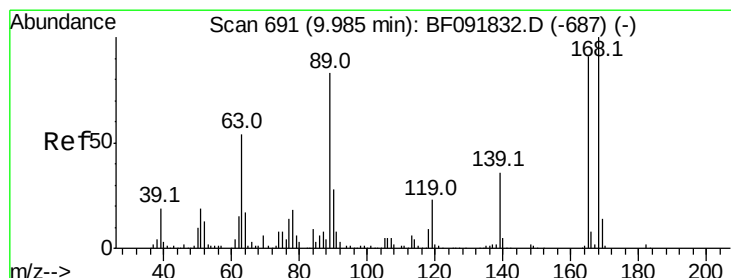
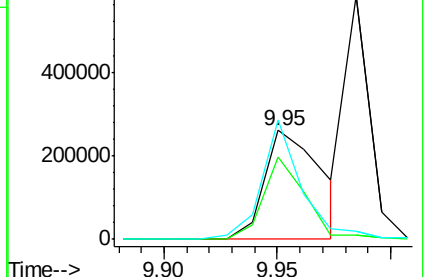
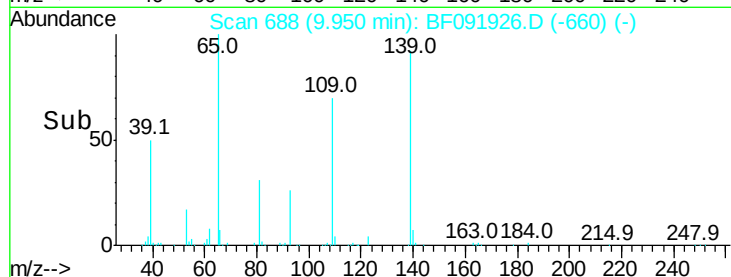
65 110.3 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.80 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion:165 Resp: 339692

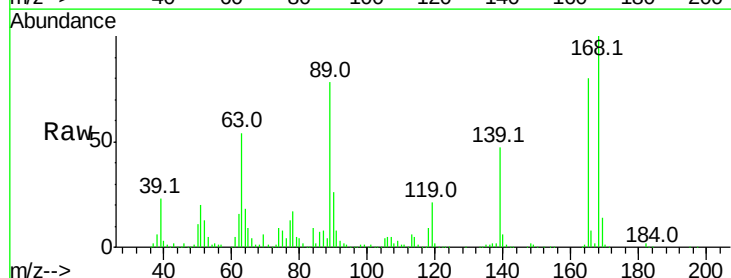
Ion Ratio Lower Upper

165 100

63 67.5 40.2 60.4#

89 96.5 62.5 93.7#

182 2.0 1.8 2.8

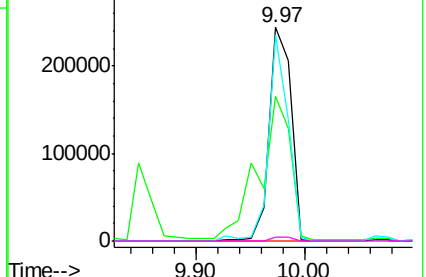
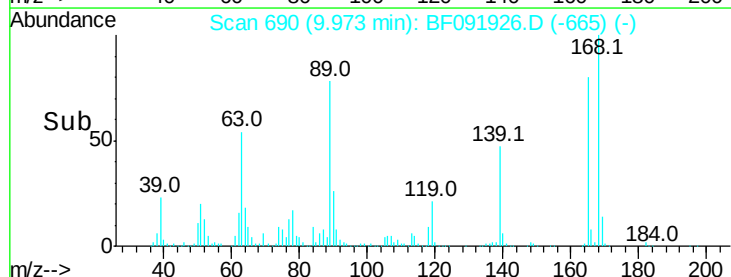


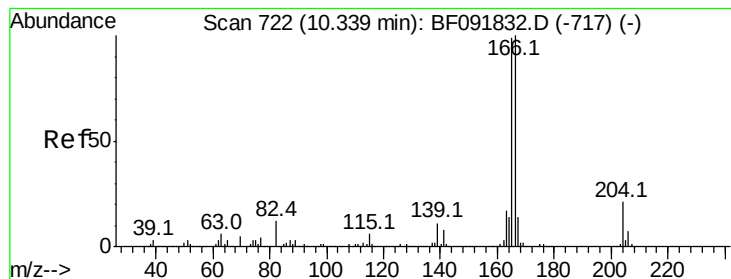
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.24 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

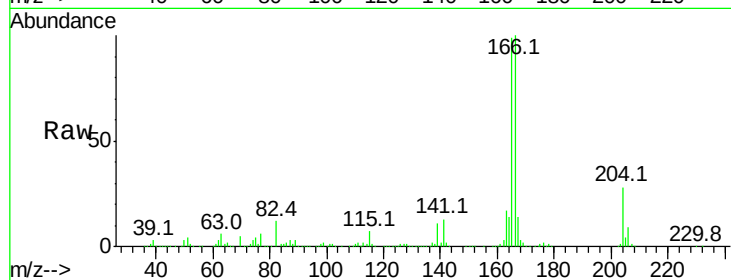
Tot Ion:166 Resp: 1084086

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

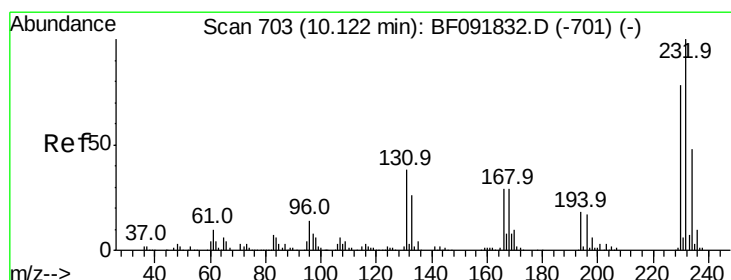
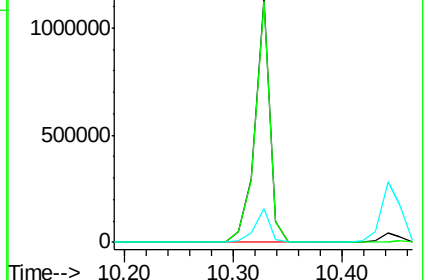
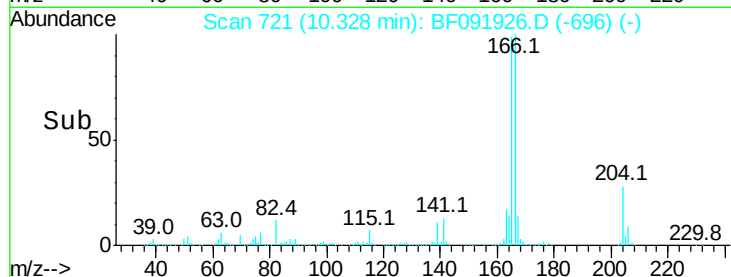
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.73 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion:232 Resp: 265743

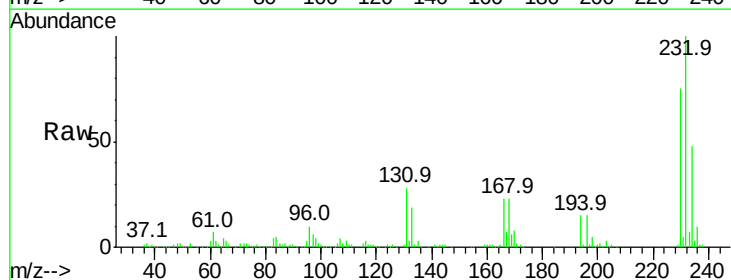
Ion Ratio Lower Upper

232 100

131 50.7 40.1 60.1

130 2.4 1.8 2.8

166 32.4 26.6 39.8

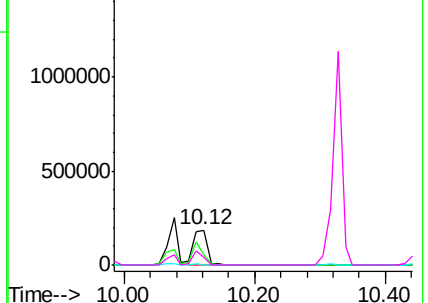
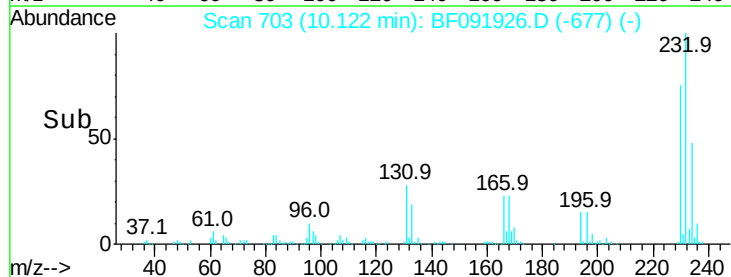


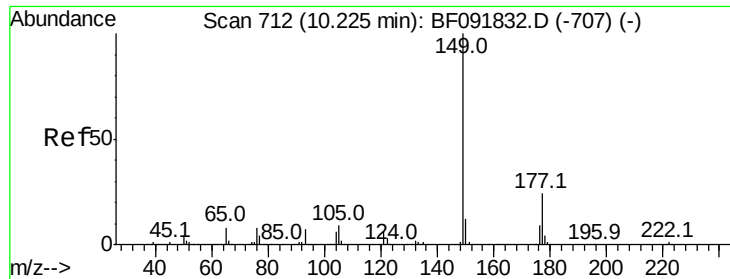
Abundance Ion 232.00 (231.70 to 232.70): E

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

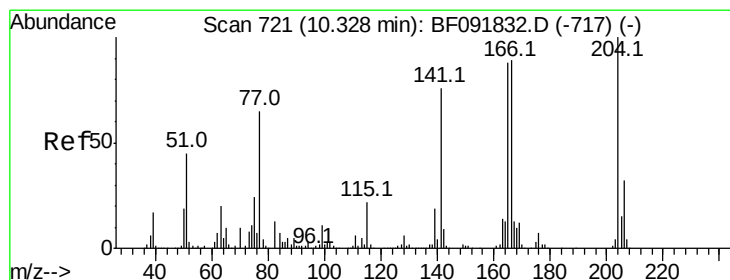
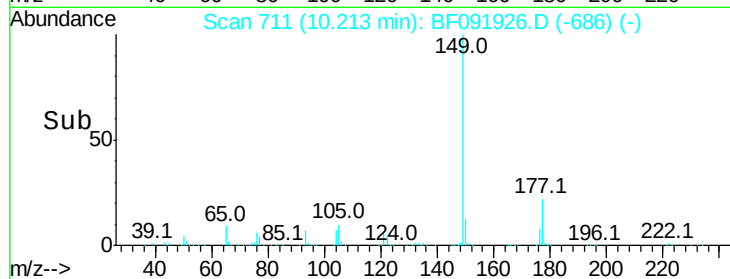
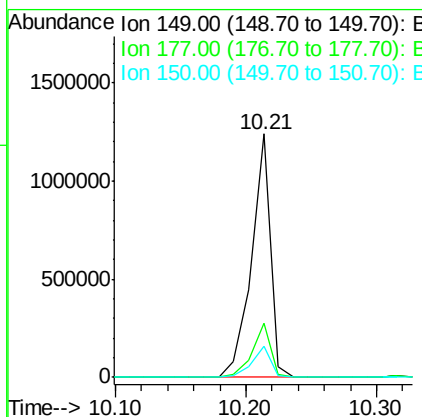
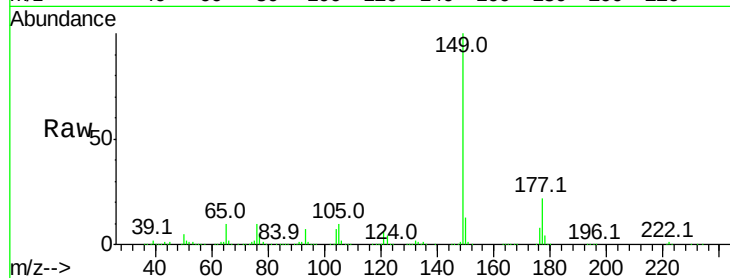




#59
Diethylphthalate
Concen: 48.82 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

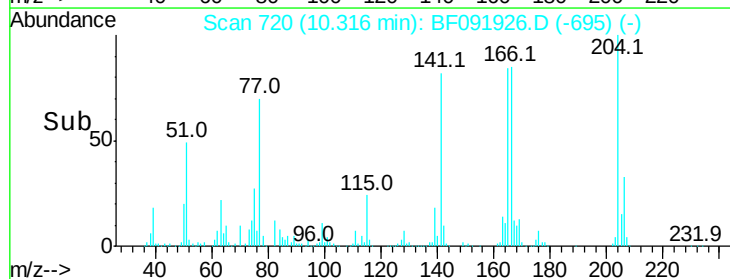
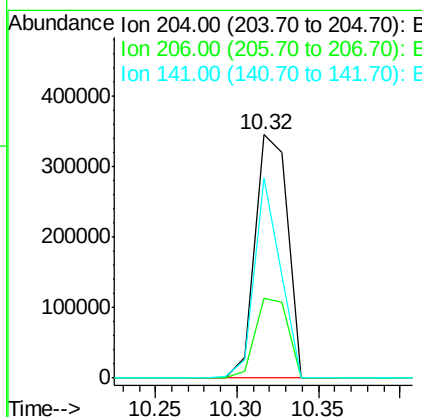
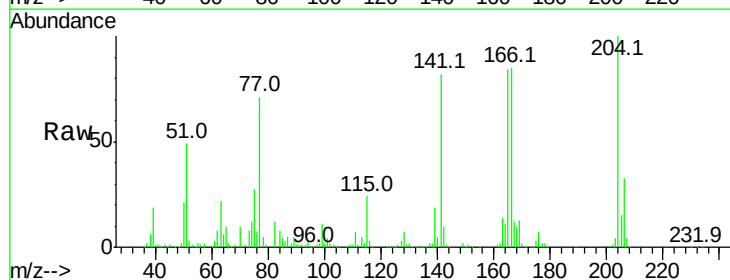
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

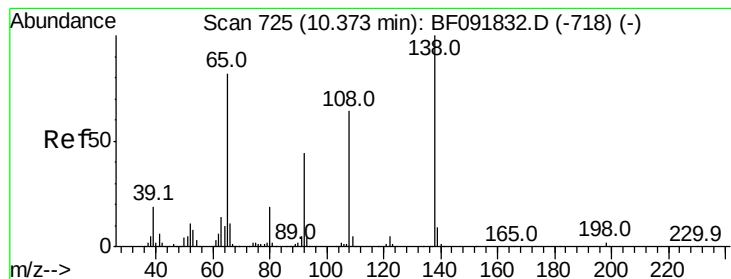
Tot Ion:149 Resp: 1252738
Ion Ratio Lower Upper
149 100
177 22.4 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 47.58 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:204 Resp: 478121
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 82.2 59.4 89.0





#61

4-Nitroaniline

Concen: 32.92 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

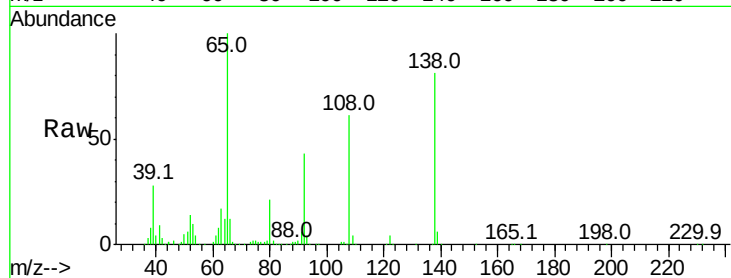
Tot Ion:138 Resp: 244158

Ion Ratio Lower Upper

138 100

92 53.8 31.7 71.7

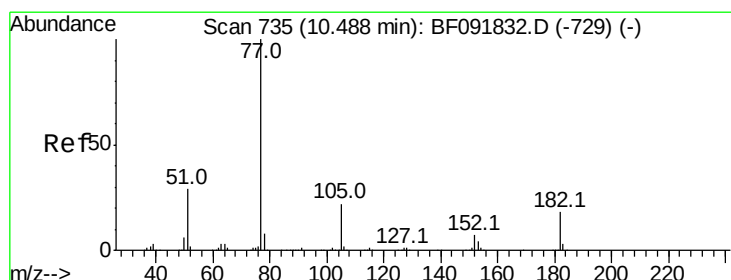
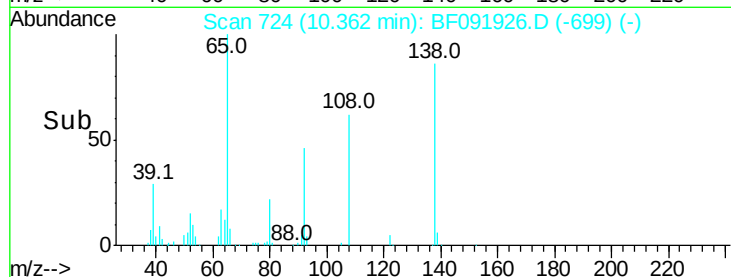
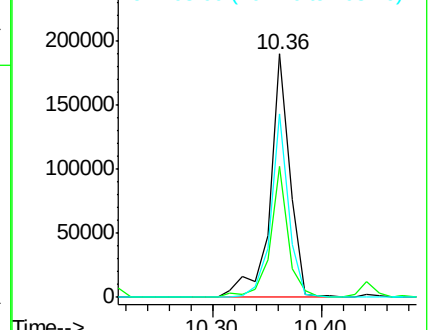
108 75.6 52.6 92.6



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: 46.81 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion: 77 Resp: 1322417

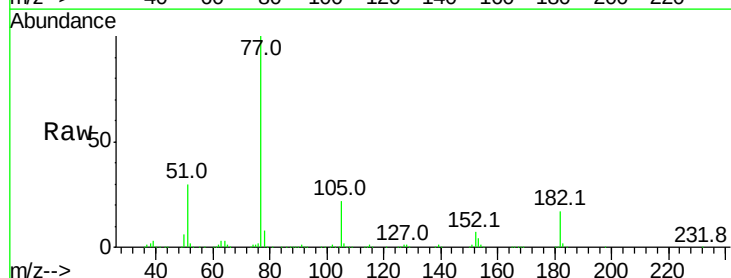
Ion Ratio Lower Upper

77 100

182 17.3 0.0 39.3

105 21.5 2.3 42.3

51 29.7 8.9 48.9

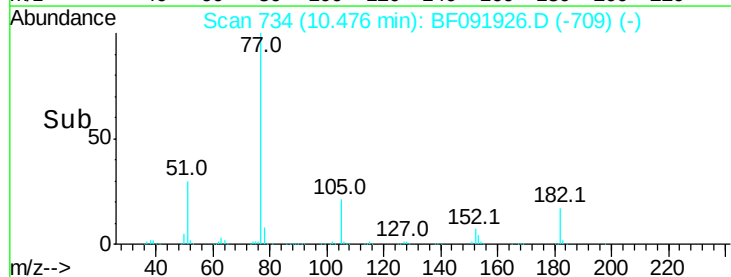
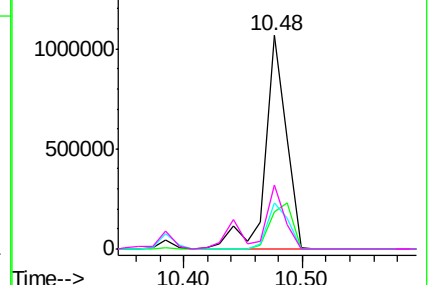


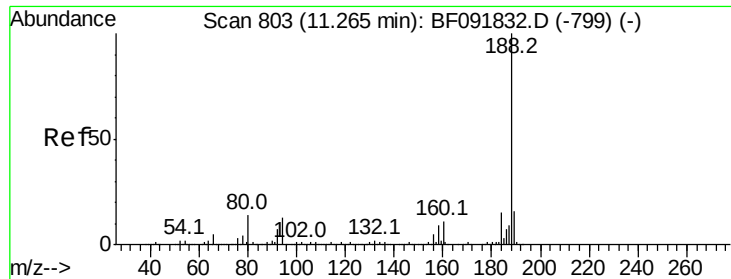
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

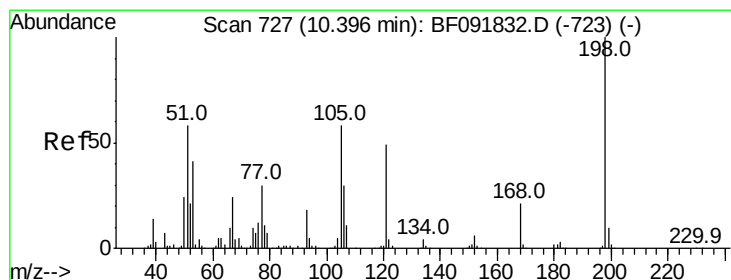
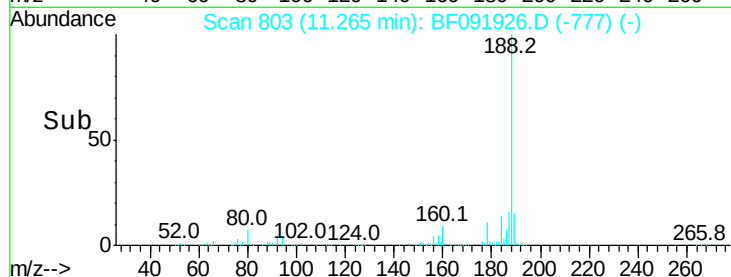
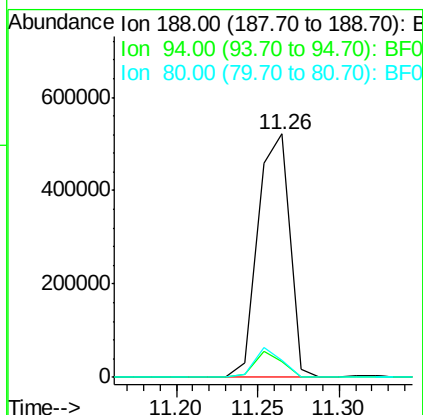
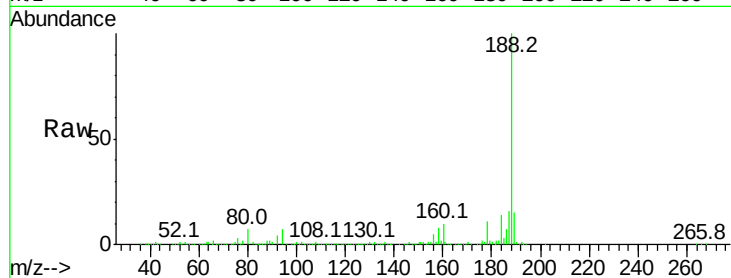




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

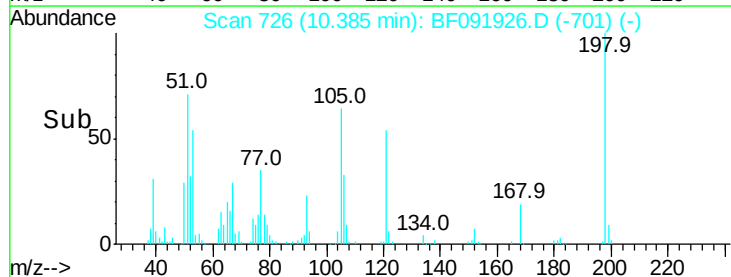
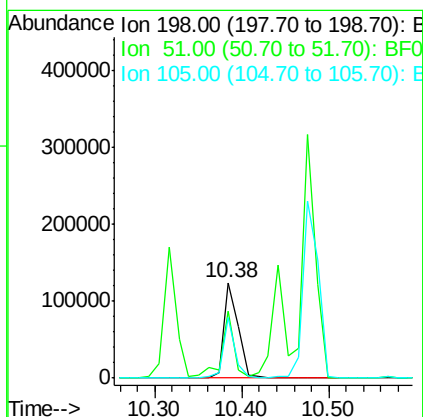
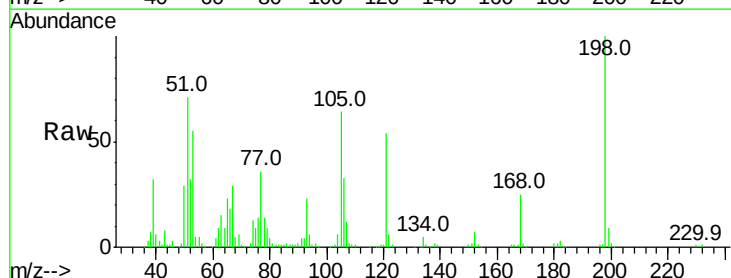
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

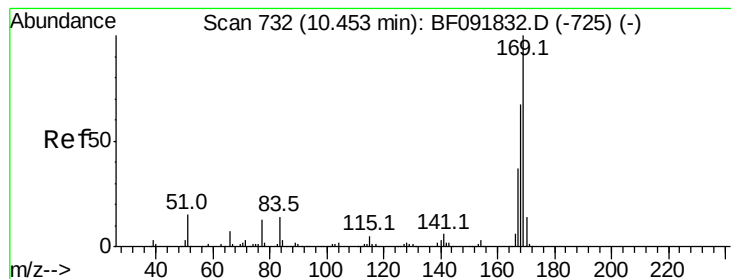
Tot Ion:188 Resp: 709790
Ion Ratio Lower Upper
188 100
94 6.7 10.0 15.0#
80 7.0 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 33.62 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:198 Resp: 144294
Ion Ratio Lower Upper
198 100
51 70.5 6.7 46.7#
105 63.7 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 45.72 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

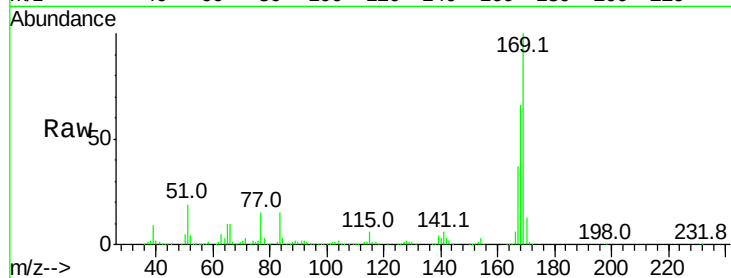
Tot Ion:169 Resp: 963048

Ion Ratio Lower Upper

169 100

168 66.1 54.2 81.2

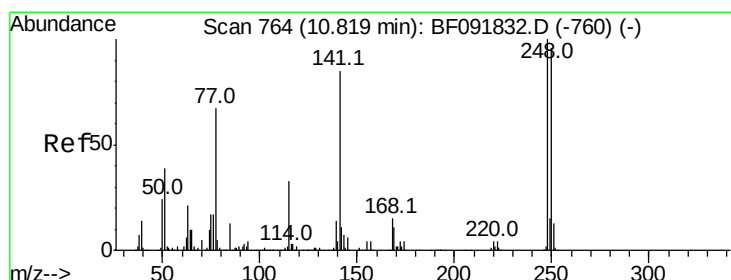
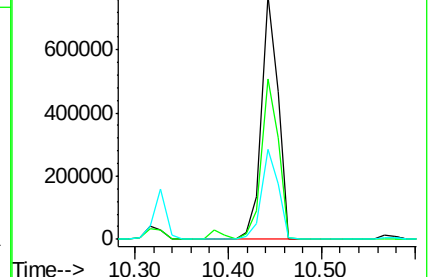
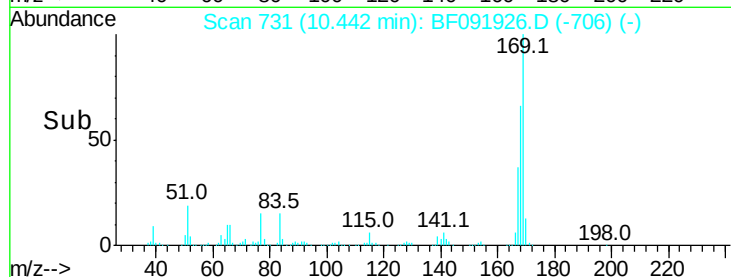
167 36.8 30.2 45.4



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: 43.11 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

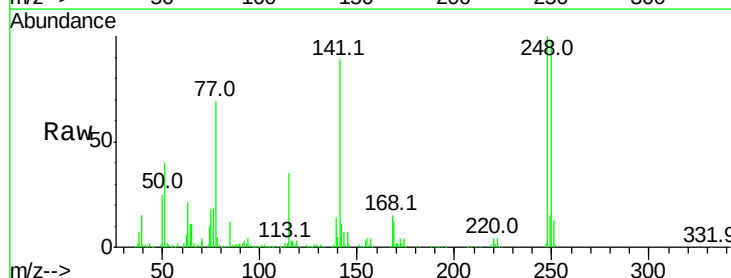
Tgt Ion:248 Resp: 318311

Ion Ratio Lower Upper

248 100

250 98.5 76.9 115.3

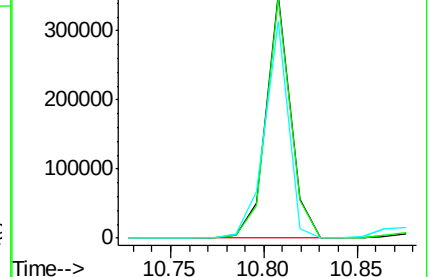
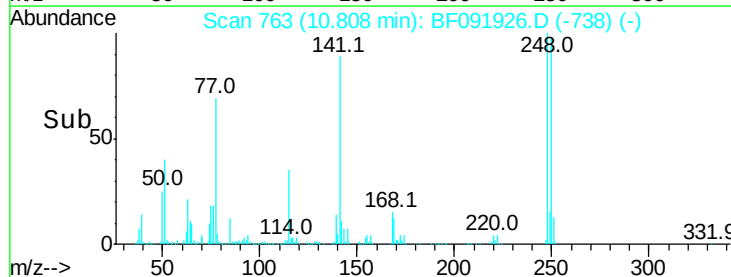
141 89.1 68.2 102.4

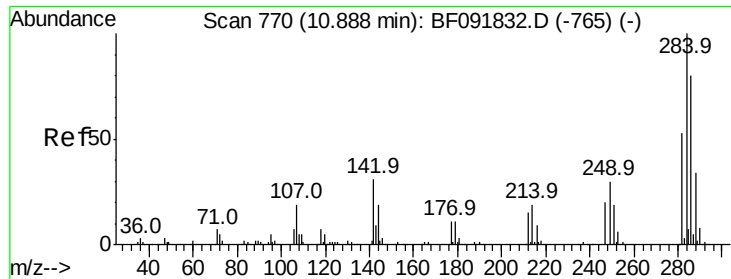


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

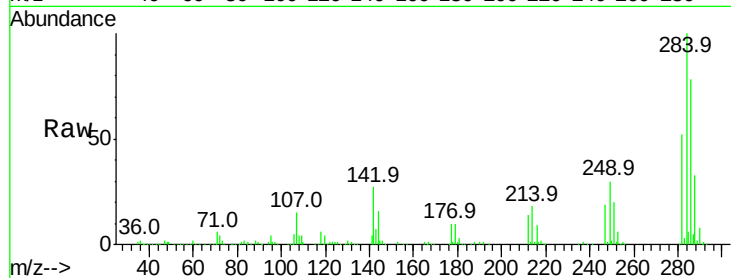




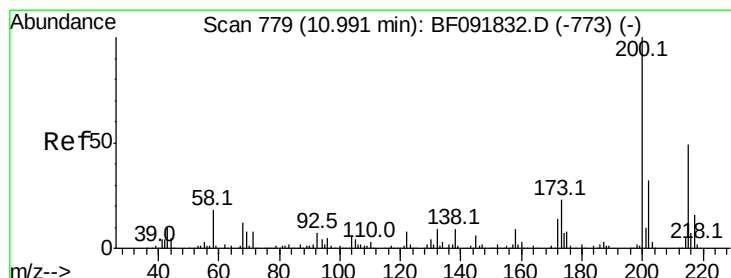
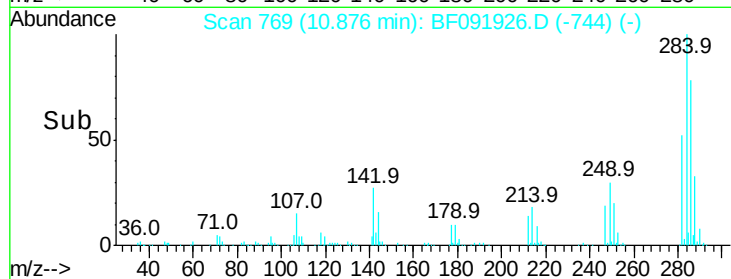
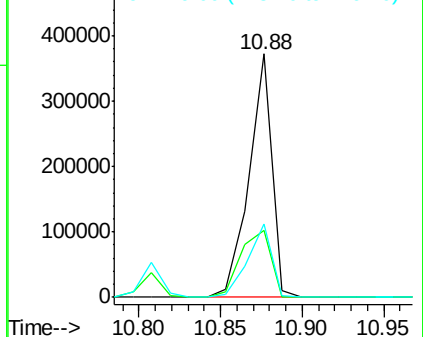
#67
Hexachlorobenzene
Concen: 45.72 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.3	22.6	33.8
249	30.4	25.4	38.0

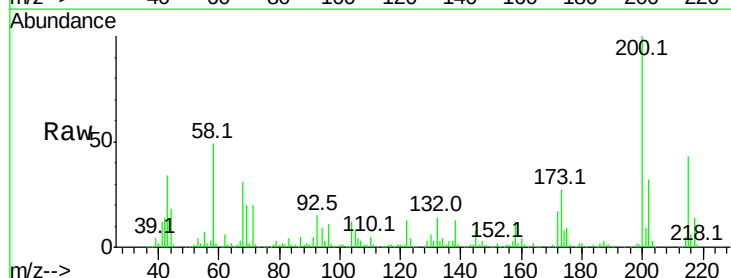


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

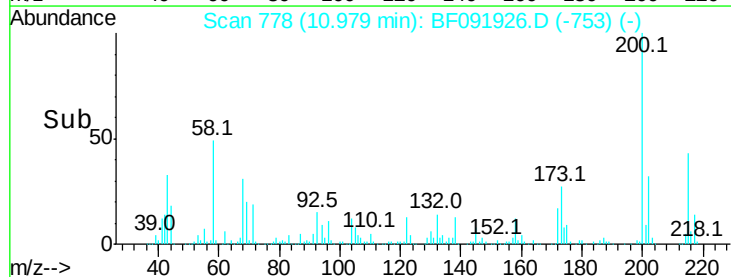
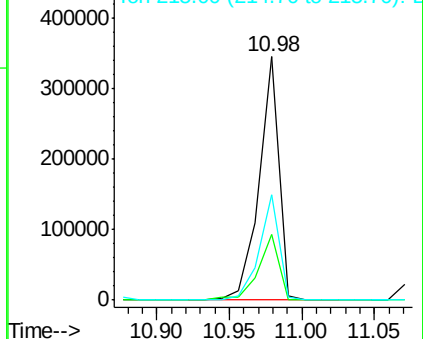


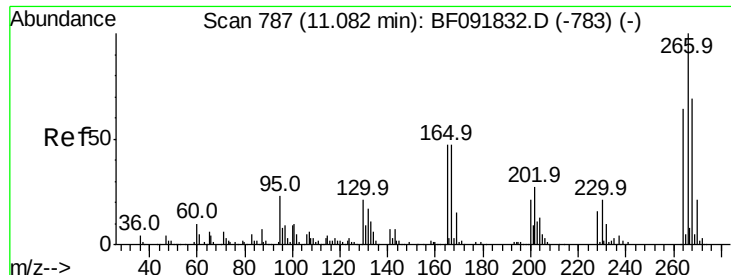
#68
Atrazine
Concen: 48.13 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	9.6	49.6
215	43.2	25.7	65.7



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

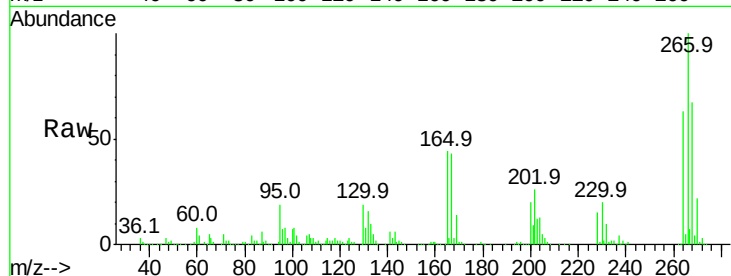




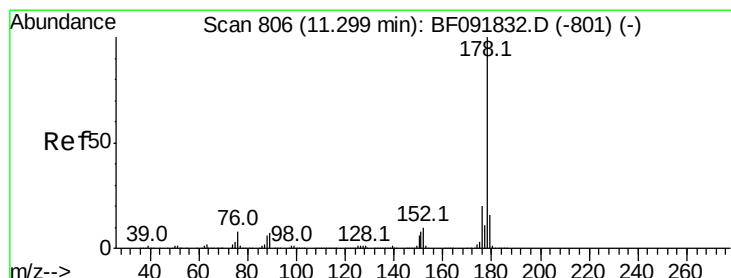
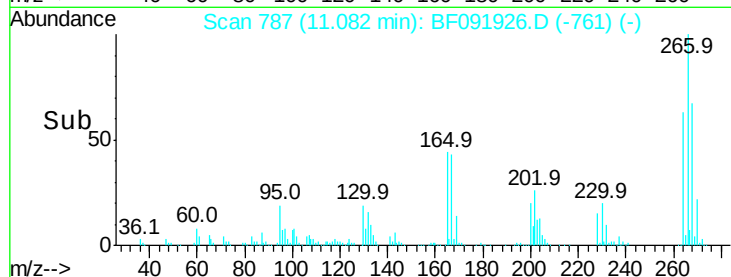
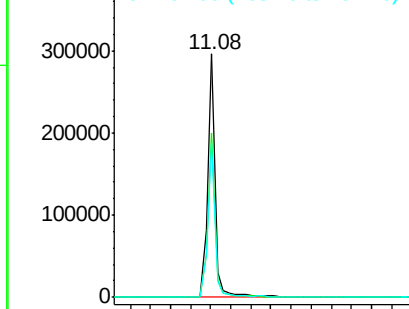
#69
 Pentachlorophenol
 Concen: 79.98 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	53.3	79.9
264	63.4	50.3	75.5

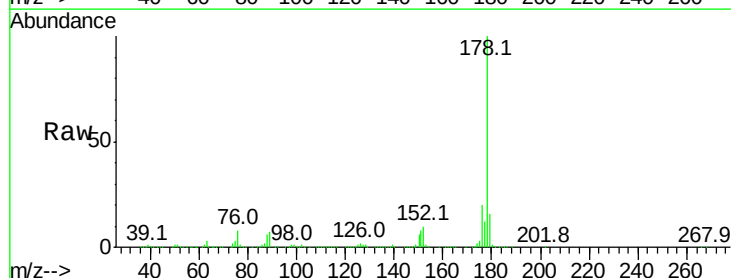


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

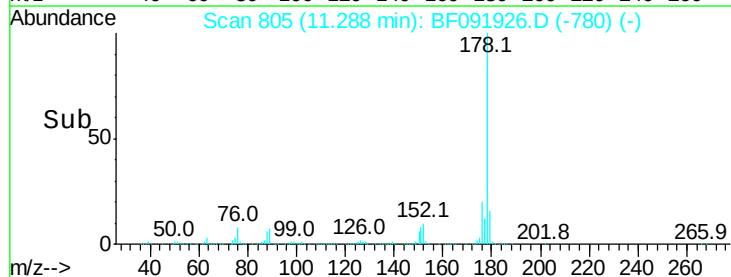
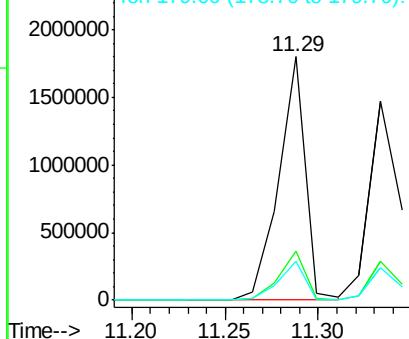


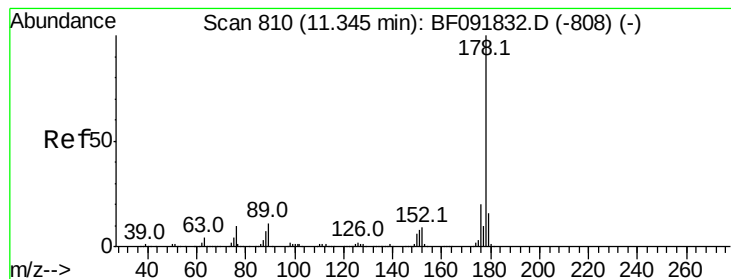
#70
 Phenanthrene
 Concen: 46.11 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.9	12.8	19.2



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: 48.03 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

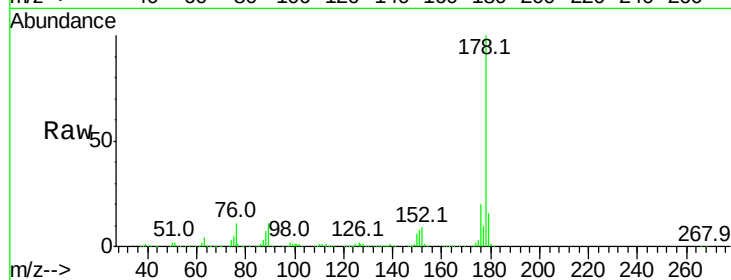
BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:178 Resp: 1601401

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.3	13.2	19.8



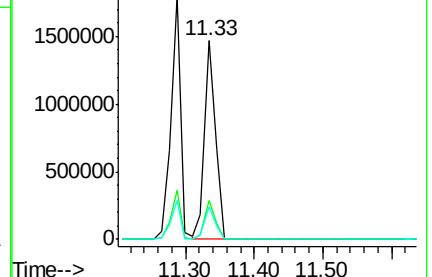
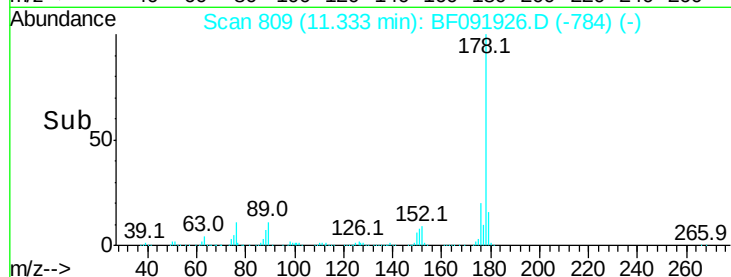
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



#72

Carbazole

Concen: 66.02 ng

RT: 11.50 min Scan# 824

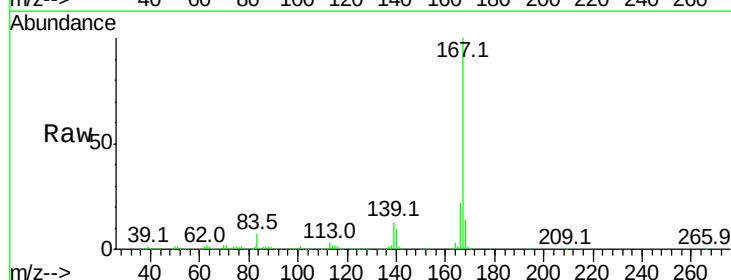
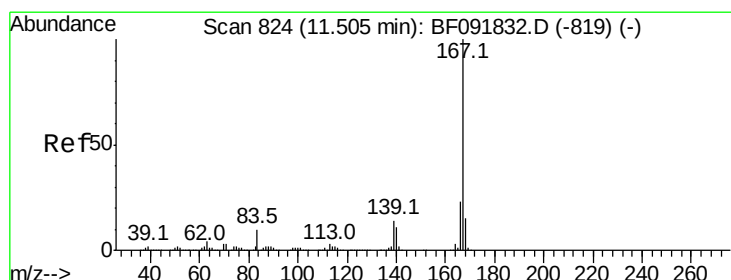
Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion:167 Resp: 1655702

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	12.8	11.4	17.2



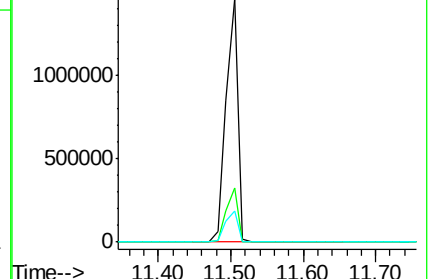
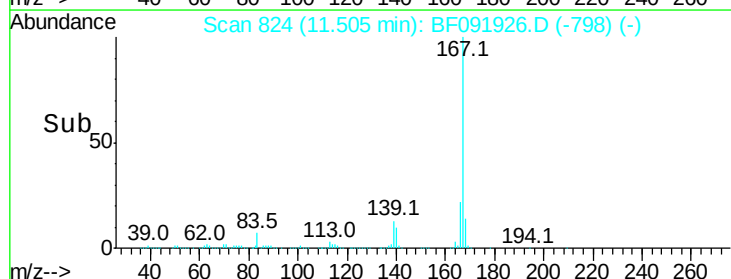
Abundance

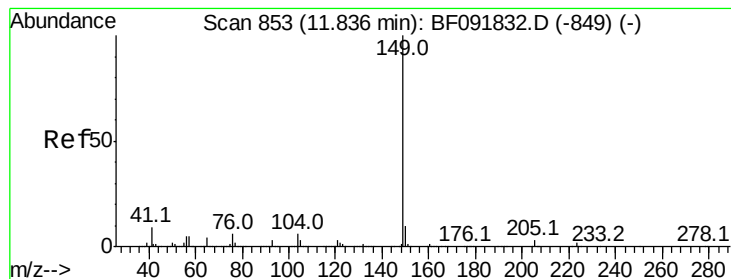
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->





#73

Di-n-butylphthalate

Concen: 48.43 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

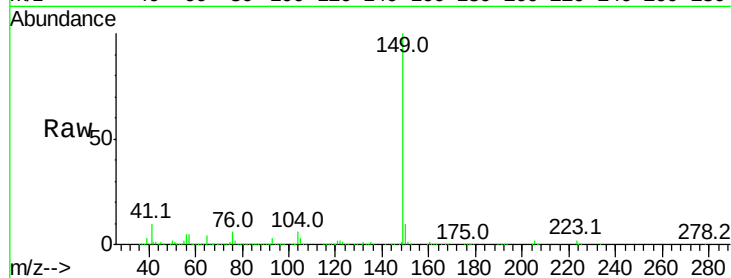
Tot Ion:149 Resp: 1754663

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

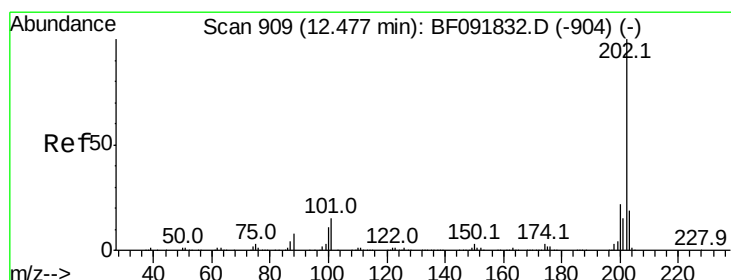
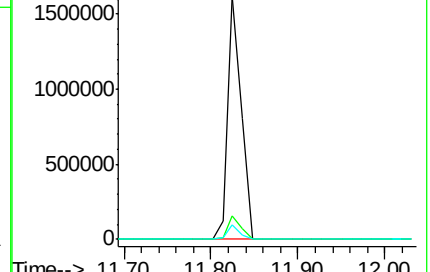
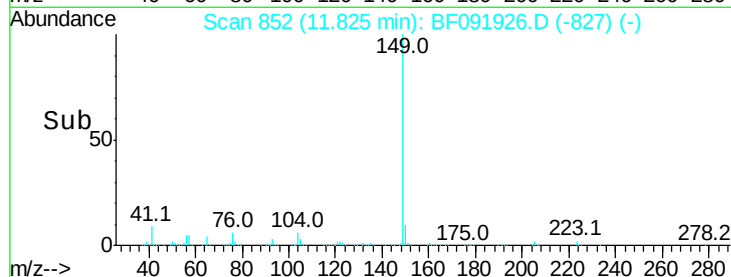
104 5.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.04 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

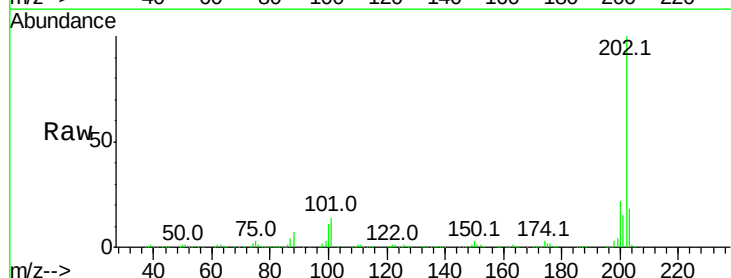
Tgt Ion:202 Resp: 1582366

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

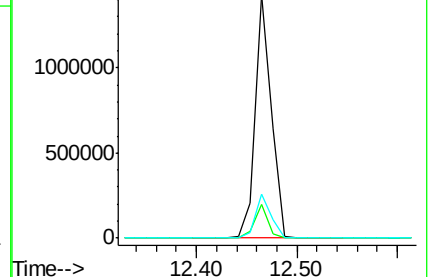
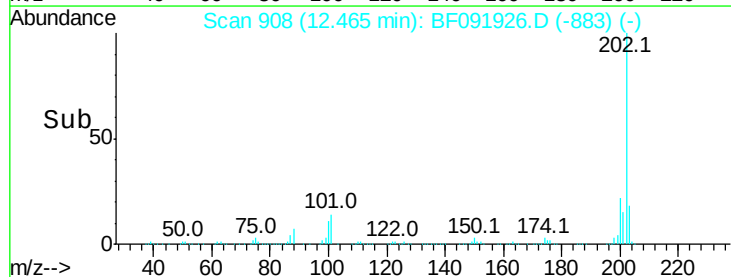
203 18.3 0.0 38.7

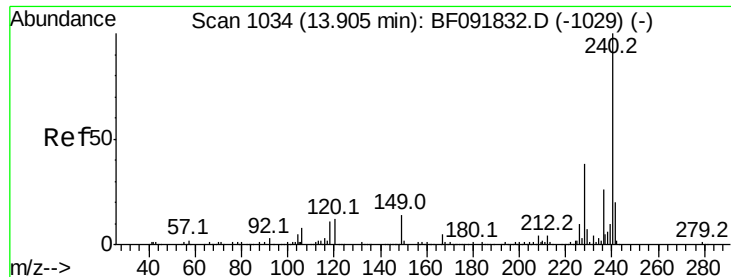


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

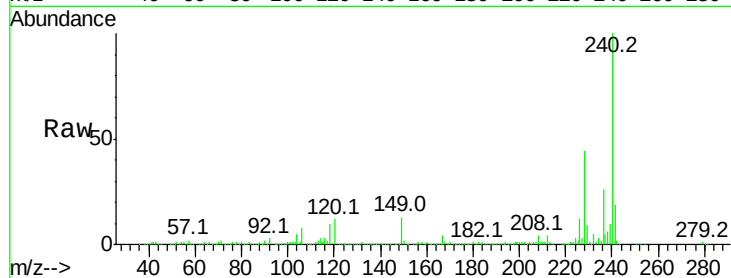
Tot Ion:240 Resp: 535401

Ion Ratio Lower Upper

240 100

120 11.6 12.9 19.3#

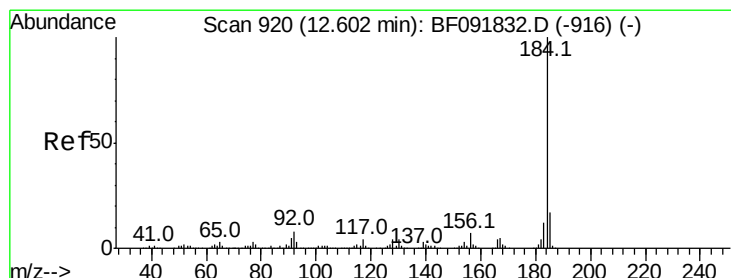
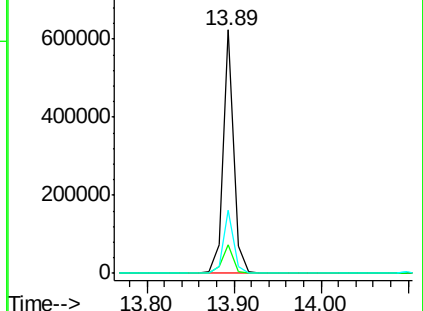
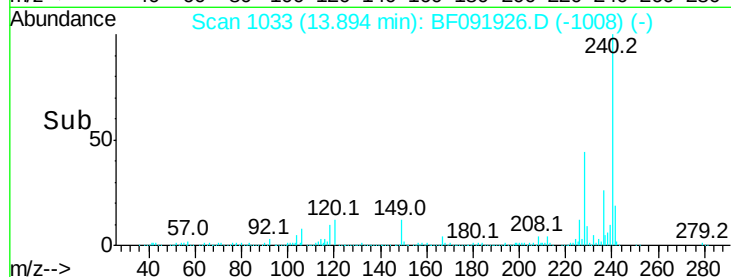
236 25.9 20.9 31.3



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: 53.78 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

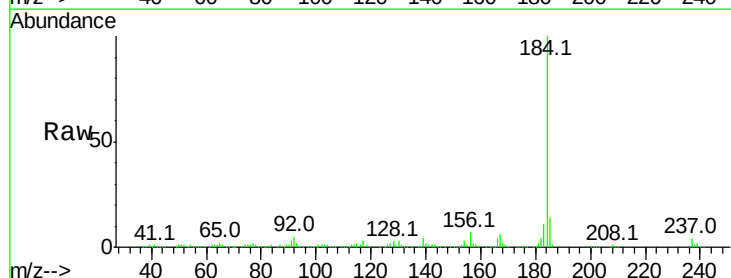
Tgt Ion:184 Resp: 701292

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.0

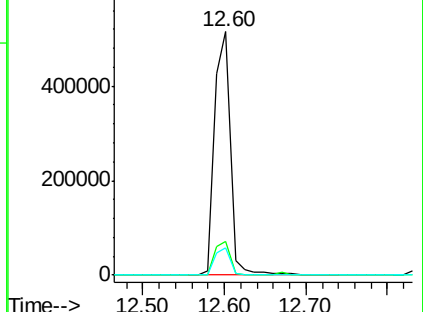
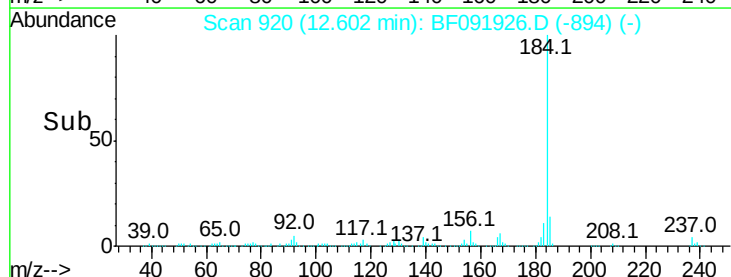
183 11.4 9.2 13.8

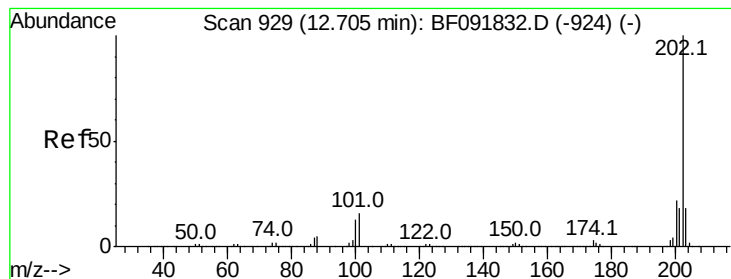


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.39 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

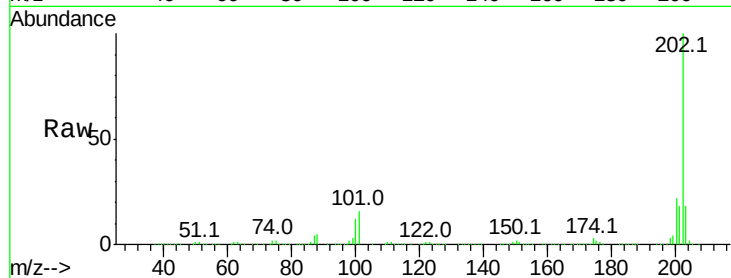
Tot Ion:202 Resp: 1586447

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

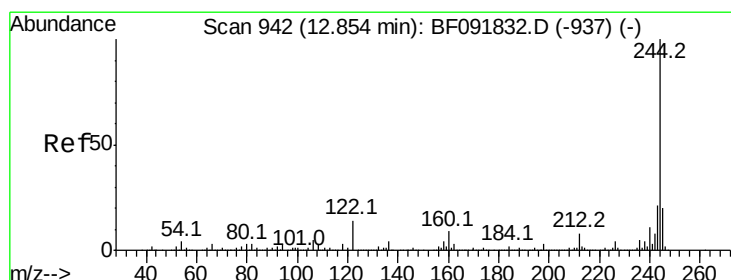
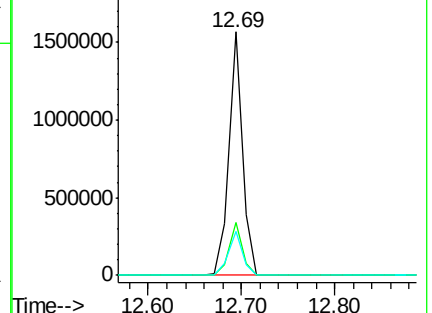
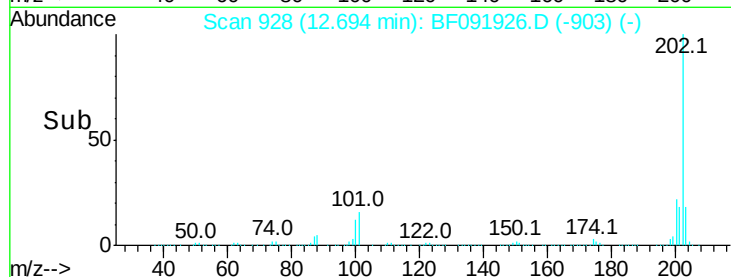
203 18.3 14.7 22.1



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: 86.57 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

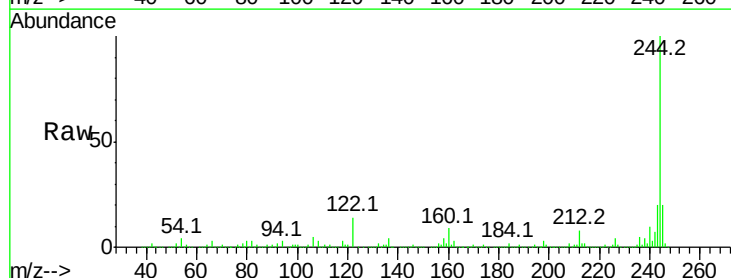
Tgt Ion:244 Resp: 1911162

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

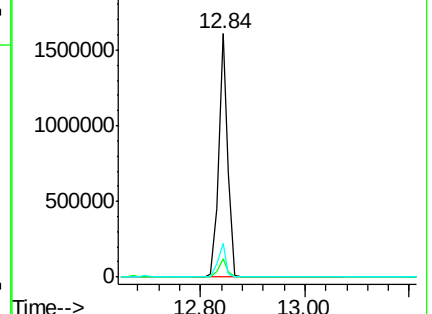
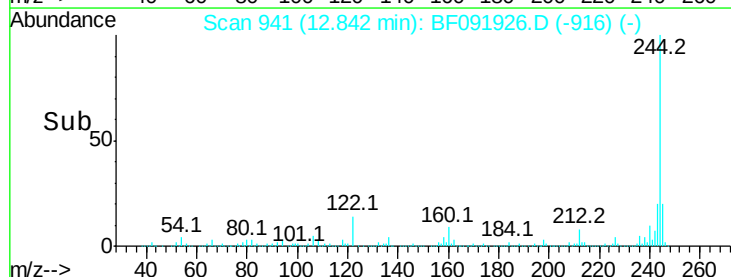
122 13.8 11.4 17.2

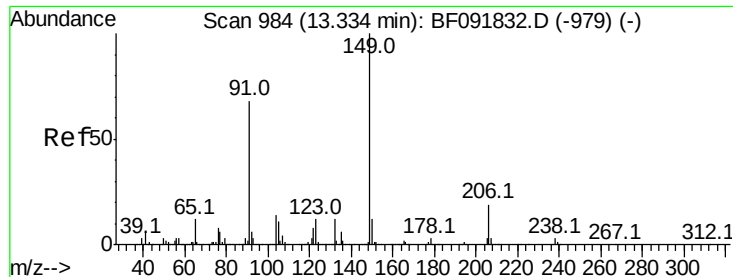


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

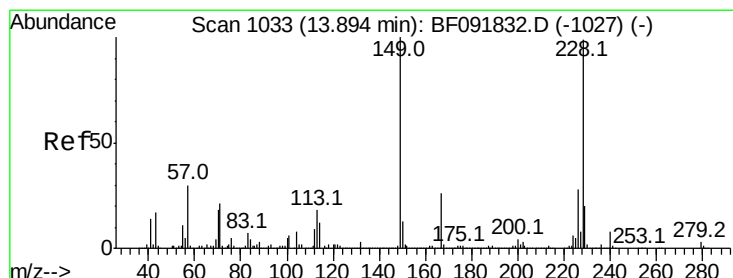
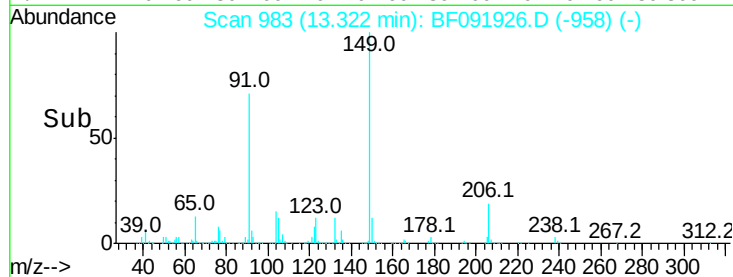
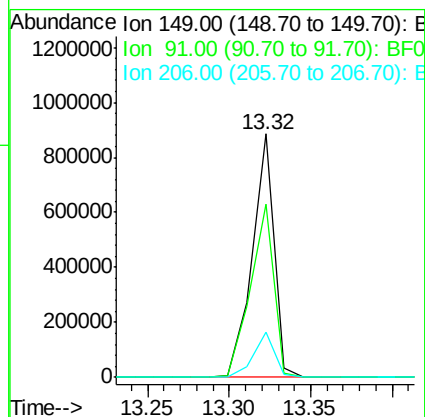
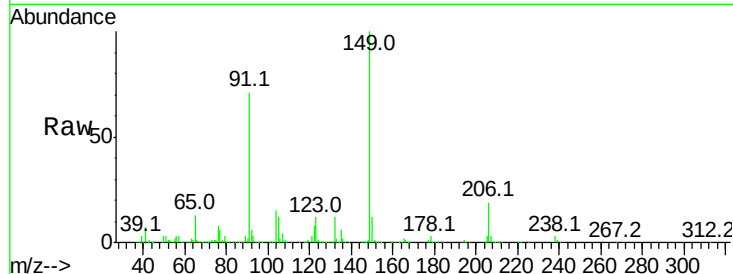




#79
Butylbenzylphthalate
Concen: 46.03 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

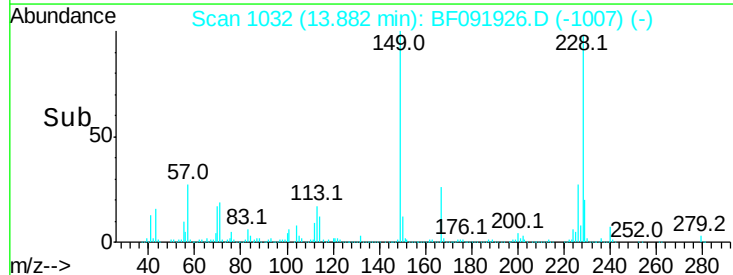
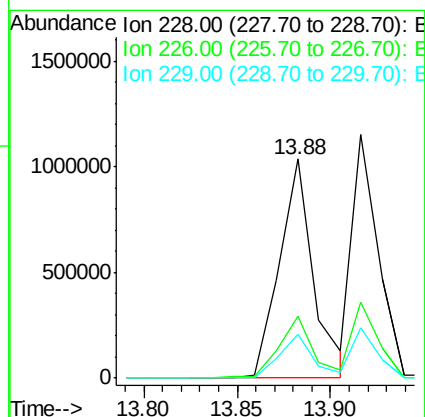
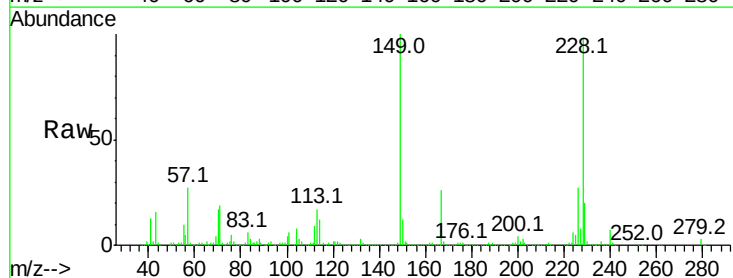
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

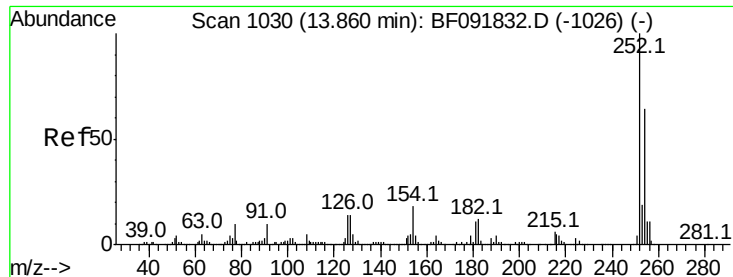
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.3	63.9	95.9
206	18.8	14.6	21.8



#80
Benzo(a)anthracene
Concen: 43.67 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.1	16.2	24.4

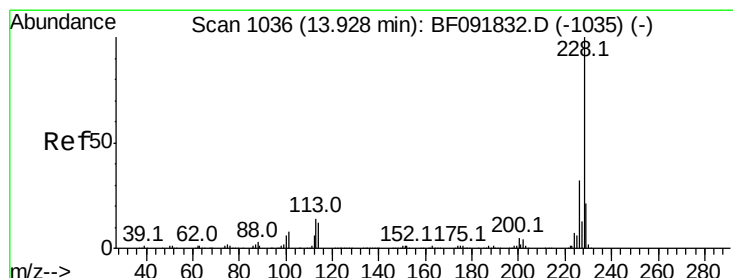
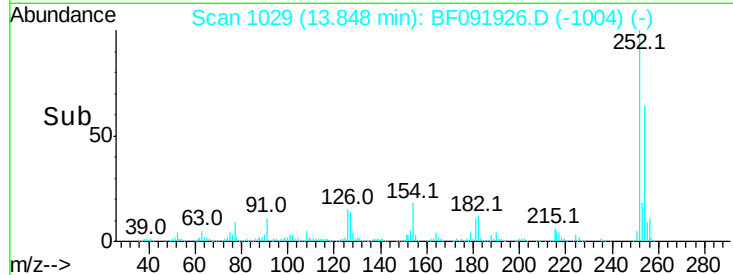
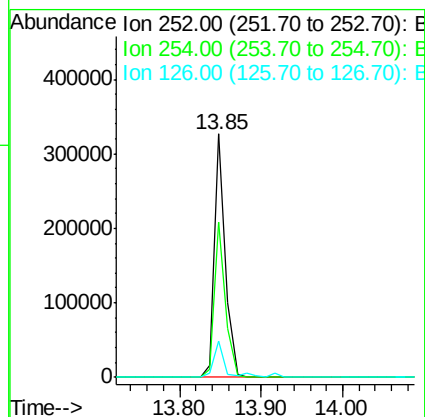
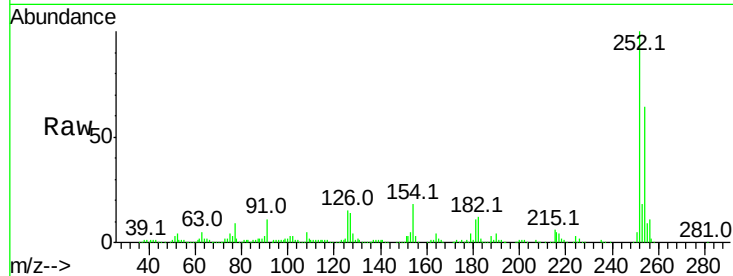




#81
 3,3'-Dichlorobenzidine
 Concen: 27.10 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

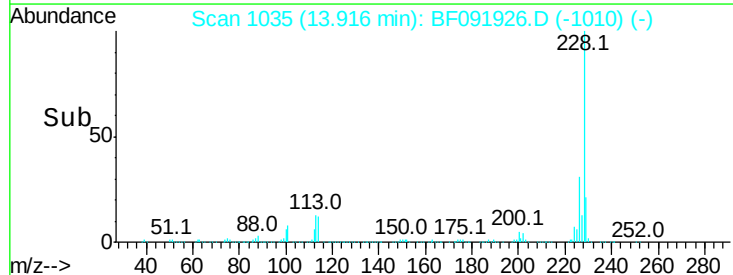
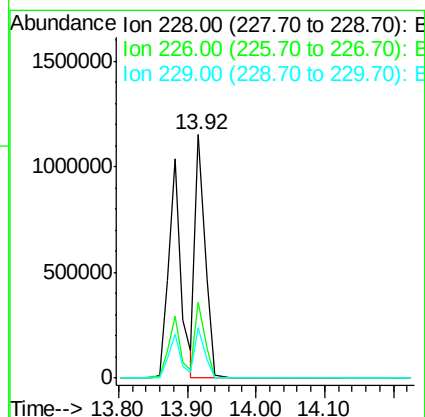
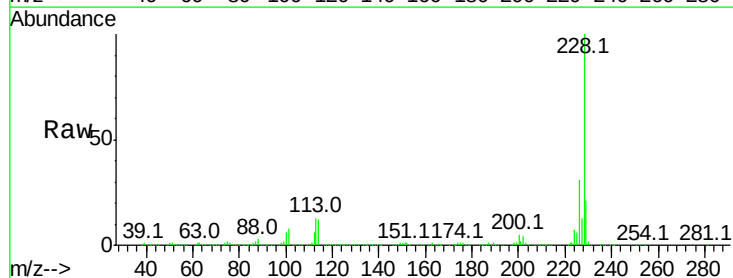
Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

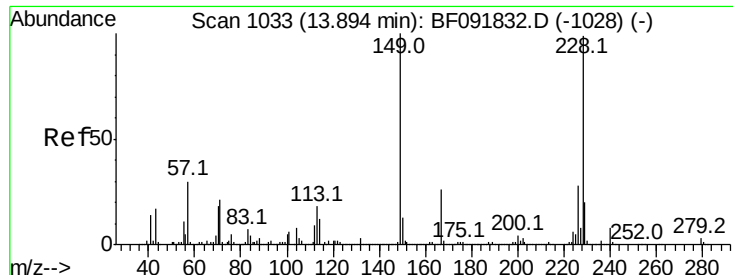
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.3	78.5
126	14.8	13.6	20.4



#82
 Chrysene
 Concen: 37.44 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.7	16.2	24.2

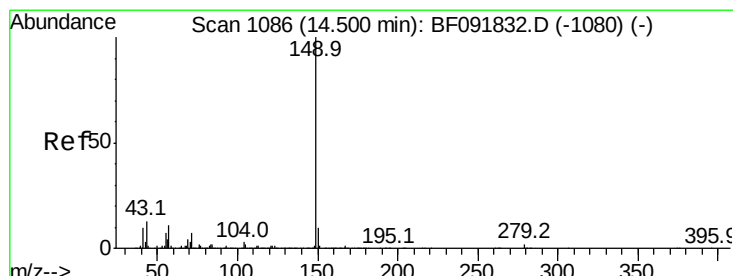
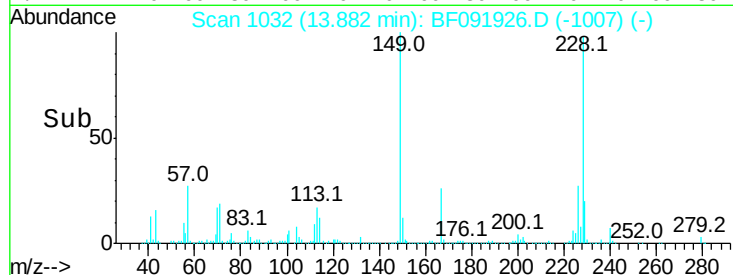
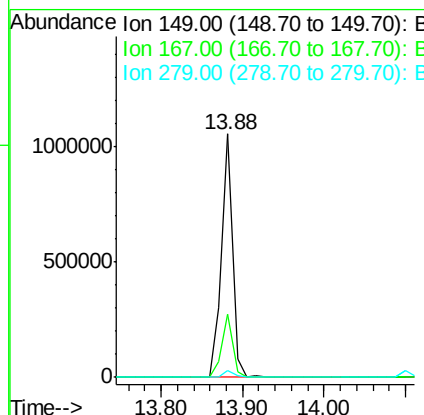
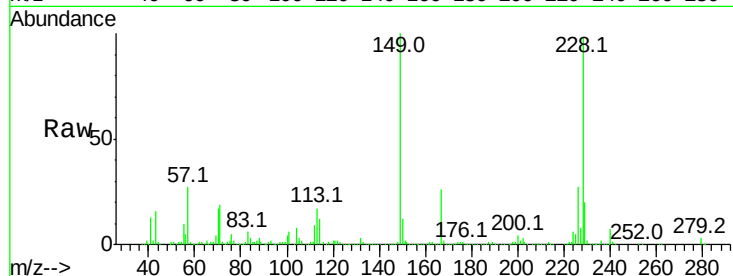




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.52 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

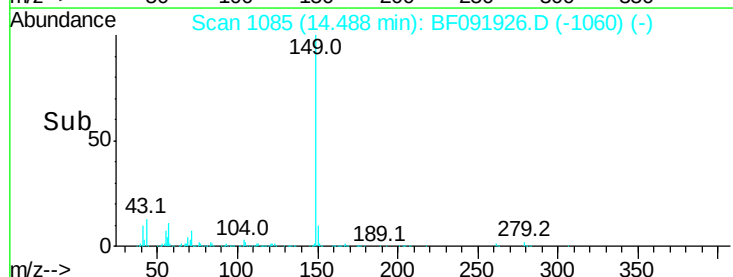
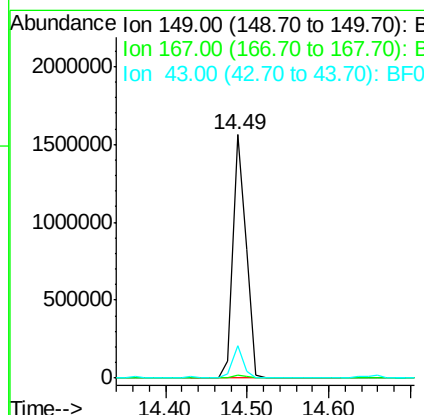
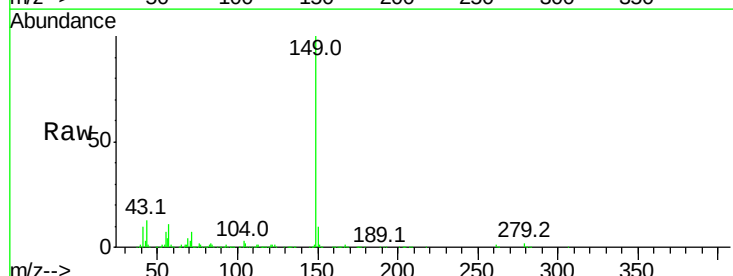
Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

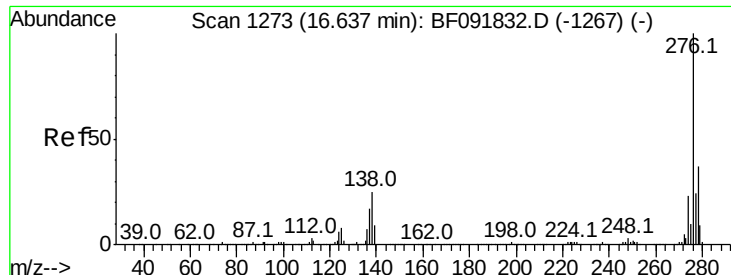
Tot Ion:149 Resp: 999918
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.2 30.4
 279 3.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 44.45 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion:149 Resp: 1732666
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.9 8.9 13.3

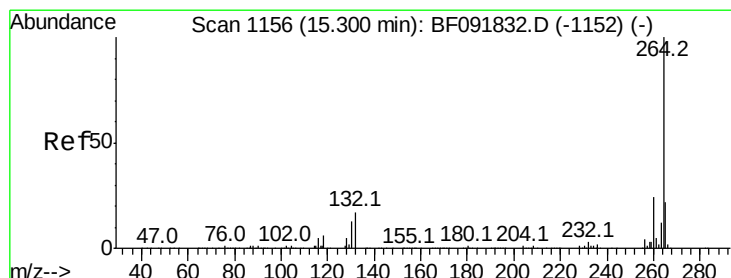
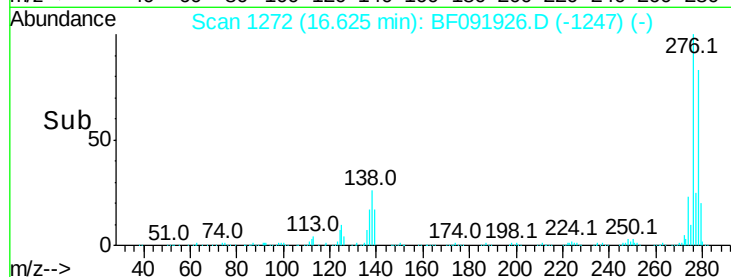
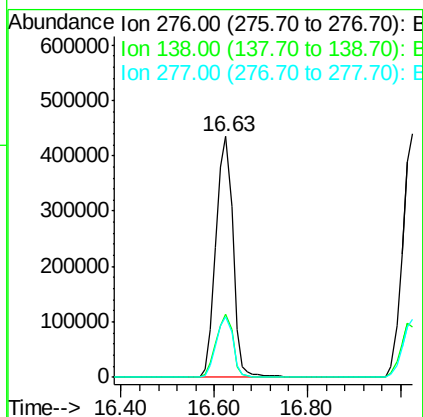
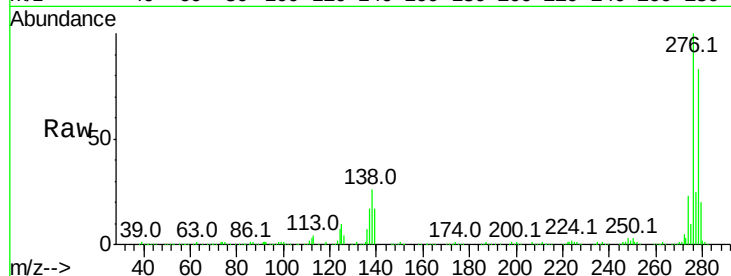




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.05 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

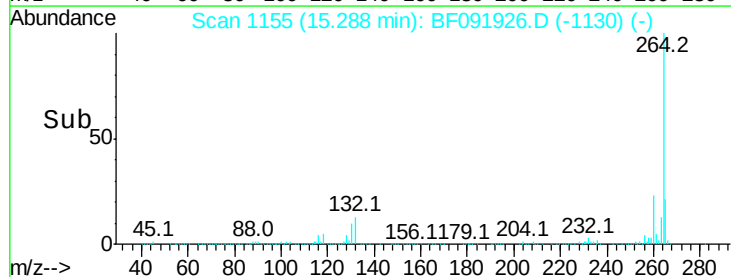
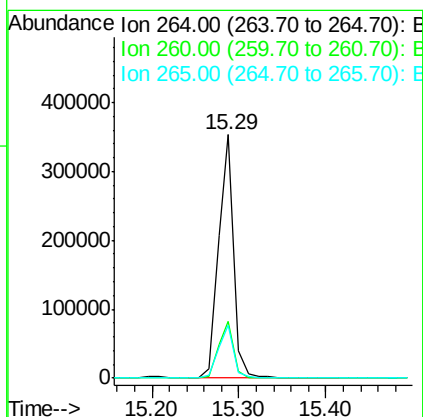
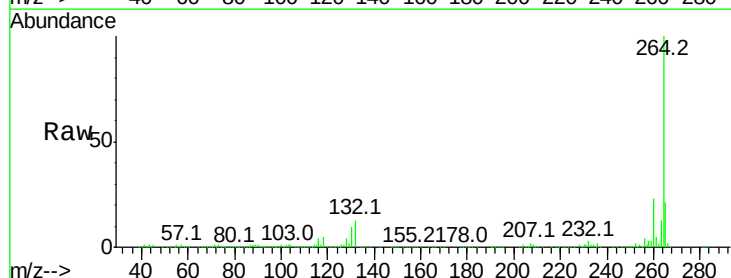
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

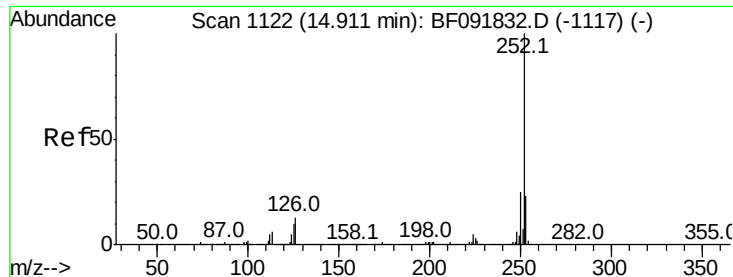
Tot Ion:276 Resp: 1104444
Ion Ratio Lower Upper
276 100
138 26.4 21.8 32.6
277 24.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:264 Resp: 431826
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.5 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 47.71 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

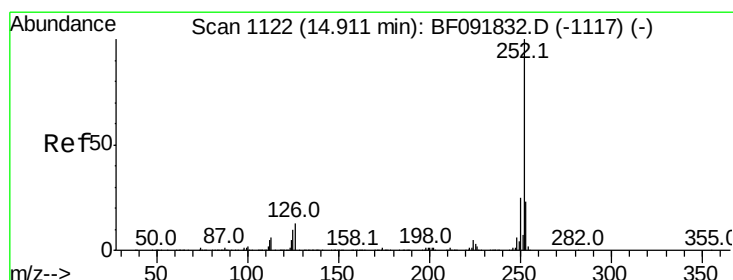
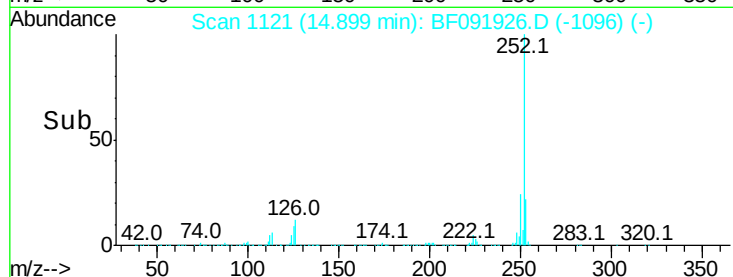
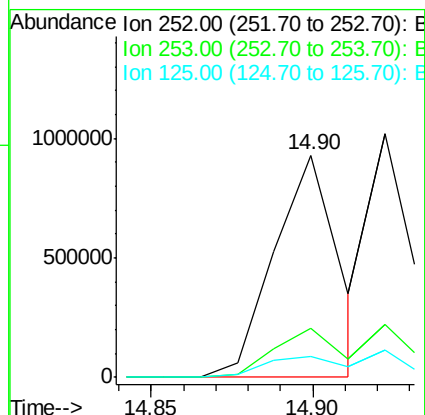
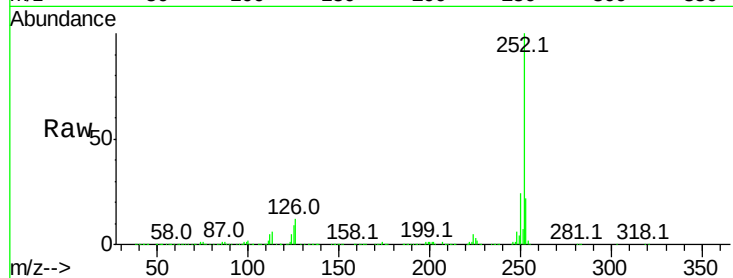
Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion:252 Resp: 1282621

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.3	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 42.02 ng m

RT: 14.92 min Scan# 1123

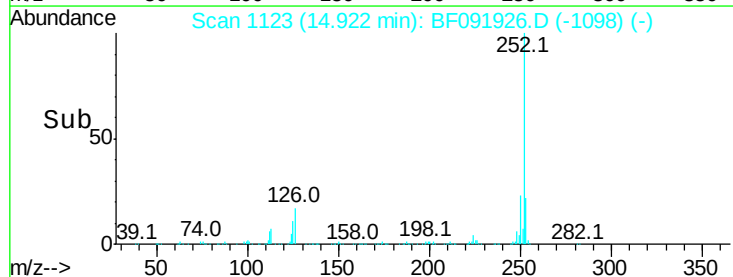
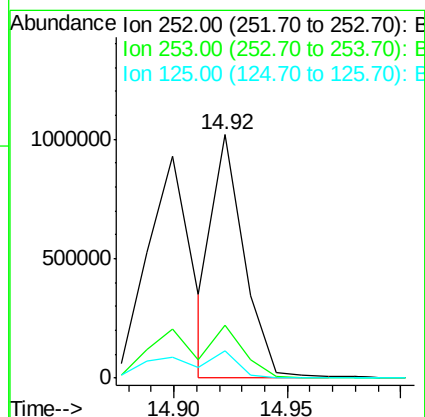
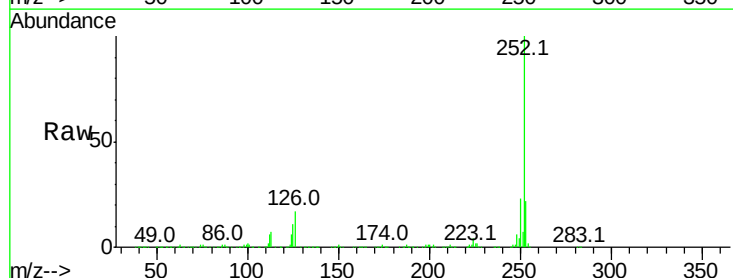
Delta R.T. -0.01 min

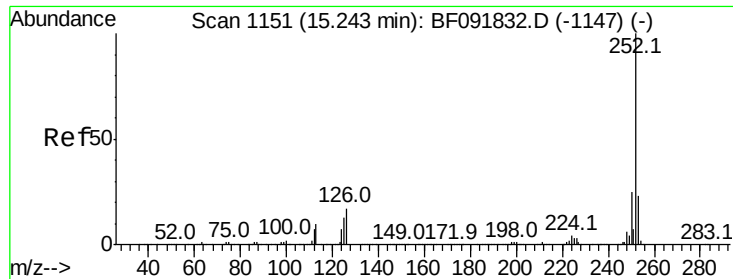
Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion:252 Resp: 963322

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	11.1	8.9	13.3

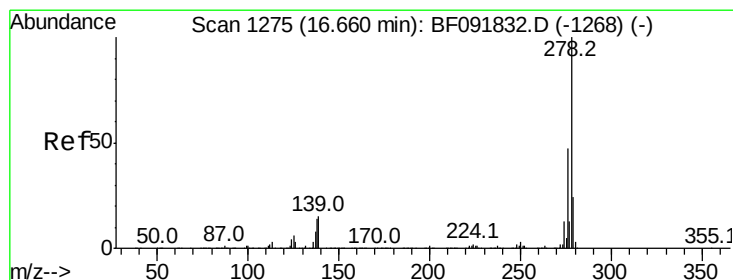
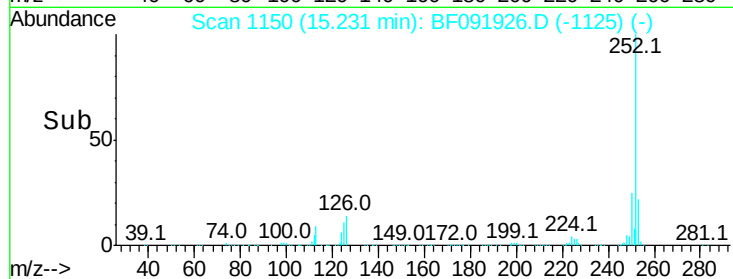
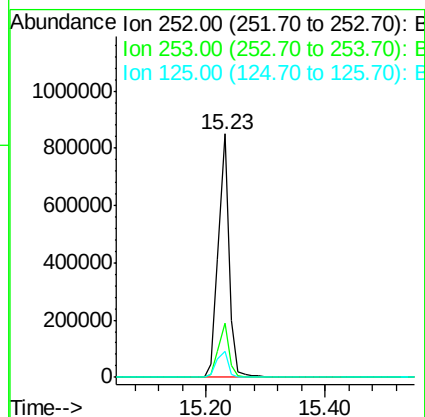
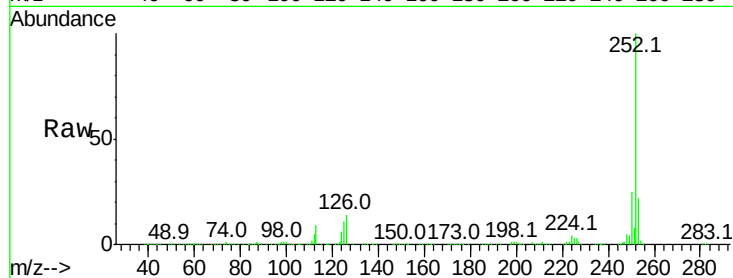




#89
Benzo(a)pyrene
Concen: 44.58 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

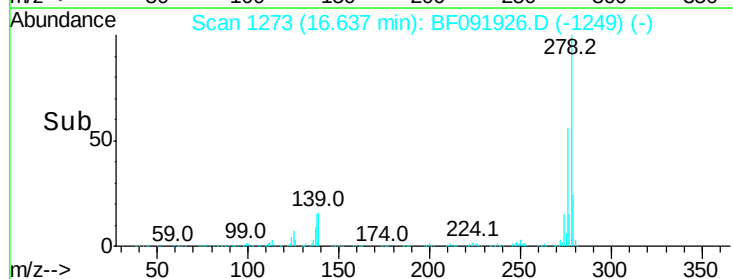
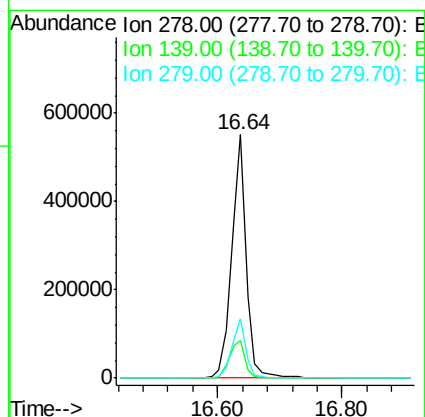
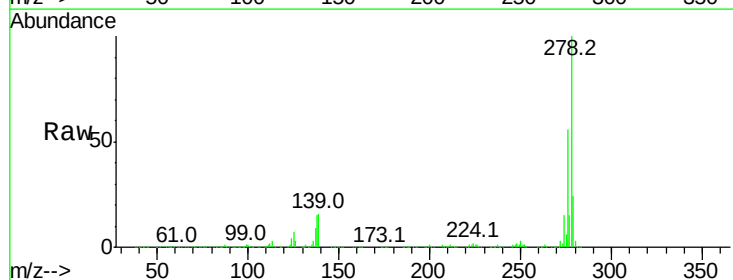
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

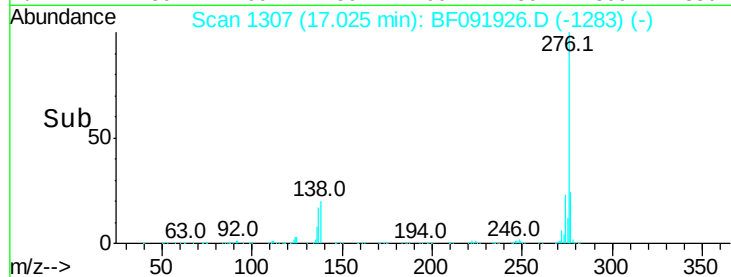
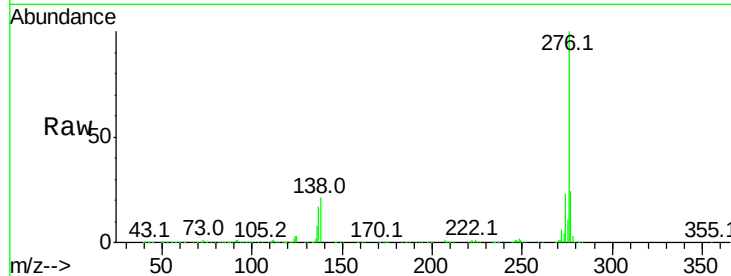
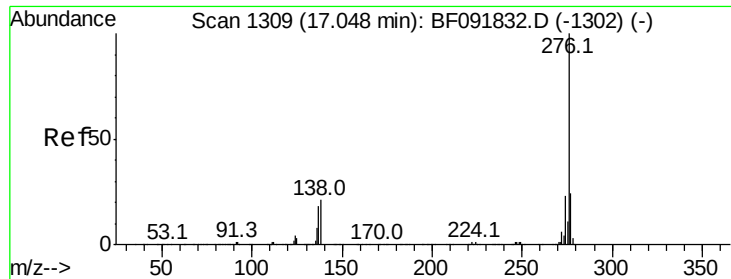
Tot Ion:252 Resp: 1063738
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.9 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 45.87 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:278 Resp: 899591
Ion Ratio Lower Upper
278 100
139 15.6 14.8 22.2
279 24.1 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 46.58 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:276 Resp: 949994

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 20.5 16.0 24.0

