

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091938.D
 Acq On : 23 Dec 2016 21:49
 Operator : UM/SJ
 Sample : H6226-07MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

Quant Time: Dec 23 23:15:44 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	189912	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	822588	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	389086	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	566822	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	366374	20.00	ng	-0.01
86) Perylene-d12	15.29	264	359359	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1515131	133.21	ng	0.05
7) Phenol-d6	6.44	99	1849875	133.22	ng	0.03
23) Nitrobenzene-d5	7.31	82	1464354	98.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	488164	151.60	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2245774	124.21	ng	-0.01
78) Terphenyl-d14	12.84	244	1471340	97.40	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	217106	38.77	ng	98
3) Pyridine	3.02	79	987998	50.55	ng	96
4) n-Nitrosodimethylamine	2.99	42	366756	49.75	ng	100
6) Aniline	6.42	93	177401	9.84	ng	# 52
8) 2-Chlorophenol	6.54	128	598404	46.25	ng	94
9) Benzaldehyde	6.28	77	95891	9.35	ng	96
10) Phenol	6.45	94	785172	49.62	ng	# 73
11) bis(2-Chloroethyl)ether	6.49	93	777140	61.72	ng	98
12) 1,3-Dichlorobenzene	6.68	146	687008	49.74	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	693449	49.33	ng	96
14) 1,2-Dichlorobenzene	6.91	146	545759	44.74	ng	96
15) Benzyl Alcohol	6.91	79	580306	53.78	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	936903	49.97	ng	96
17) 2-Methylphenol	7.05	107	540514	51.95	ng	98
18) Hexachloroethane	7.25	117	256174	49.15	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	540001	58.45	ng	95
20) 3+4-Methylphenols	7.20	107	720156	58.03	ng	# 71
22) Acetophenone	7.16	105	1016690	50.11	ng	# 91
24) Nitrobenzene	7.33	77	766563	48.65	ng	98
25) Isophorone	7.57	82	1231586	45.13	ng	95
26) 2-Nitrophenol	7.65	139	381664	49.12	ng	# 86
27) 2,4-Dimethylphenol	7.71	122	540905	41.97	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	876907	52.98	ng	100
29) 2,4-Dichlorophenol	7.92	162	546711	50.10	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	560617	46.88	ng	95
31) Naphthalene	8.05	128	1919069	50.97	ng	99
32) Benzoic acid	7.87	122	369168	38.62	ng	99
33) 4-Chloroaniline	8.12	127	237207	13.97	ng	98
34) Hexachlorobutadiene	8.17	225	309090	48.97	ng	99
35) Caprolactam	8.49	113	143042	39.89	ng	# 61
36) 4-Chloro-3-methylphenol	8.62	107	584143	46.52	ng	100
37) 2-Methylnaphthalene	8.74	142	1157559	55.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	530502	53.97	ng	98
40) Hexachlorocyclopentadiene	8.90	237	286608	66.19	ng	97

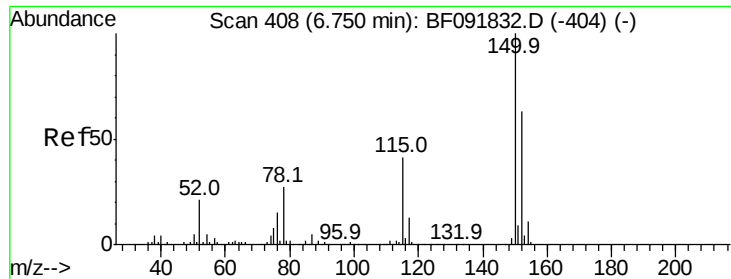
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091938.D
 Acq On : 23 Dec 2016 21:49
 Operator : UM/SJ
 Sample : H6226-07MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

Quant Time: Dec 23 23:15:44 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)
42) 2,4,6-Trichlorophenol	9.04	196	349101	50.78	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	339646	48.01	nq #	93
45) 1,1'-Biphenyl	9.21	154	1405924	52.77	nq	98
46) 2-Chloronaphthalene	9.23	162	1050009	49.77	nq	95
47) 2-Nitroaniline	9.33	65	284164	37.83	nq	95
48) Acenaphthylene	9.64	152	1523473	46.95	nq	99
49) Dimethylphthalate	9.52	163	1308972	52.60	nq	99
50) 2,6-Dinitrotoluene	9.57	165	280469	51.49	nq #	59
51) Acenaphthene	9.81	154	977667	44.44	nq	98
52) 3-Nitroaniline	9.74	138	113830	16.89	nq	98
53) 2,4-Dinitrophenol	9.86	184	230485	76.05	nq #	91
54) Dibenzofuran	9.98	168	1335210	44.95	nq	97
55) 4-Nitrophenol	9.95	139	307752m	67.24	nq	
56) 2,4-Dinitrotoluene	9.98	165	374640	54.80	nq	92
57) Fluorene	10.33	166	1027059	47.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	273385	48.86	nq	99
59) Diethylphthalate	10.21	149	1293551	53.52	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	514779	54.40	nq #	77
61) 4-Nitroaniline	10.36	138	186927	26.76	nq	99
62) Azobenzene	10.48	77	1291401	48.53	nq	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	145829	42.55	nq #	39
65) n-Nitrosodiphenylamine	10.44	169	874722	52.01	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	314954	53.42	nq	96
67) Hexachlorobenzene	10.88	284	337435	53.54	nq	97
68) Atrazine	10.97	200	130788	24.11	nq	97
69) Pentachlorophenol	11.08	266	313869	101.50	nq	99
70) Phenanthrene	11.29	178	1639585	53.35	nq	98
71) Anthracene	11.33	178	1454642	60.38	nq	99
72) Carbazole	11.50	167	1362823	Below	Cal	97
73) Di-n-butylphthalate	11.82	149	1688917	59.30	nq	99
74) Fluoranthene	12.47	202	1276777	47.57	nq	98
76) Benzidine	12.59	184	152629	12.81	nq	97
77) Pyrene	12.69	202	1266257	47.11	nq	99
79) Butylbenzylphthalate	13.32	149	676304	55.32	nq	89
80) Benzo(a)anthracene	13.88	228	1056243	51.07	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	172162	21.95	nq #	95
82) Chrysene	13.92	228	875903	42.22	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	811466	56.36	nq #	99
84) Di-n-octyl phthalate	14.49	149	1348893	50.58	nq	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	993480	55.28	nq	98
87) Benzo(b)fluoranthene	14.90	252	1238130m	55.34	nq	
88) Benzo(k)fluoranthene	14.92	252	852746m	44.70	nq	
89) Benzo(a)pyrene	15.23	252	989693	49.84	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	832154	50.98	nq	96
91) Benzo(g,h,i)perylene	17.03	276	809559	47.70	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: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

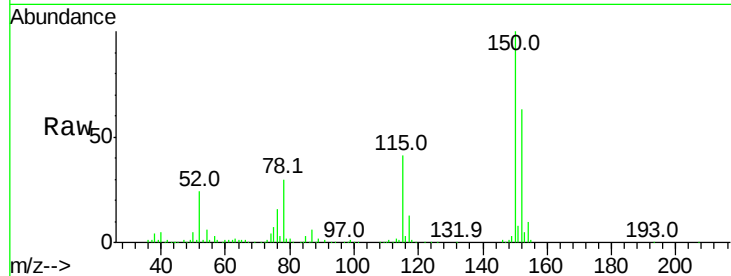
Tot Ion:152 Resp: 189912

Ion Ratio Lower Upper

152 100

150 159.4 124.9 187.3

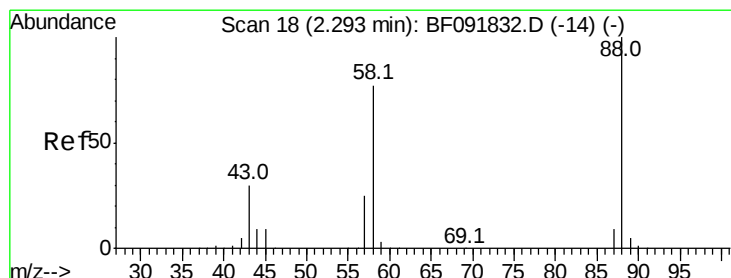
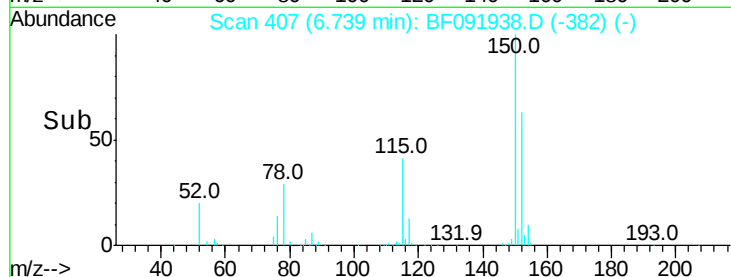
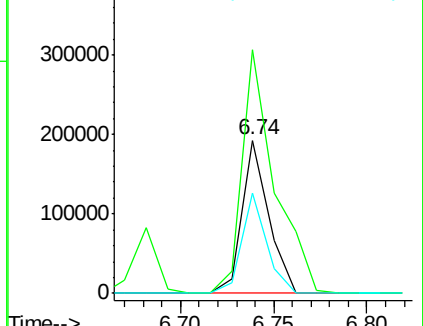
115 65.8 46.0 69.0



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: 38.77 ng

RT: 2.34 min Scan# 22

Delta R.T. 0.05 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

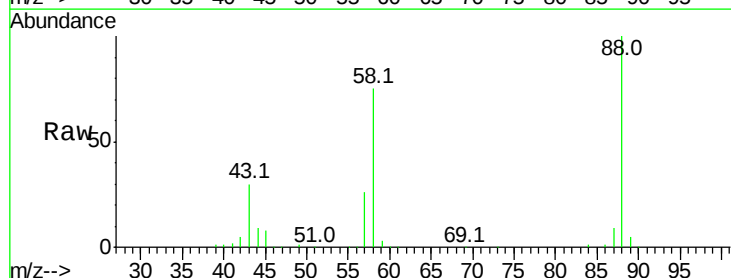
Tgt Ion: 88 Resp: 217106

Ion Ratio Lower Upper

88 100

58 74.0 57.8 86.8

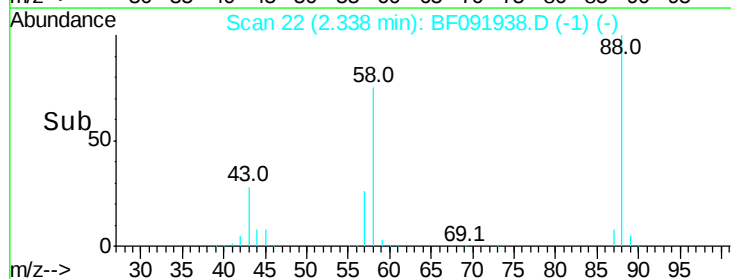
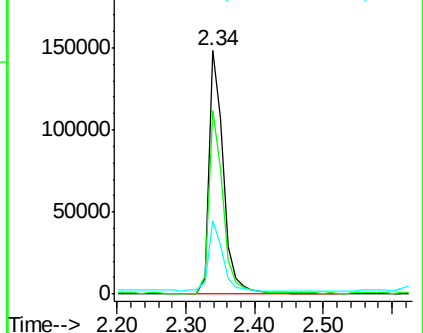
43 28.6 22.3 33.5

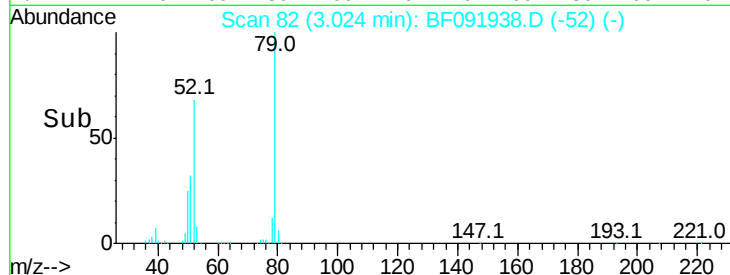
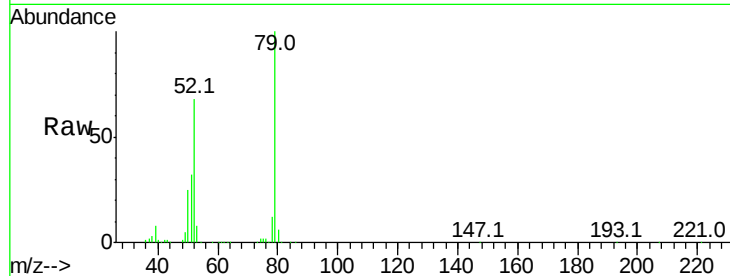
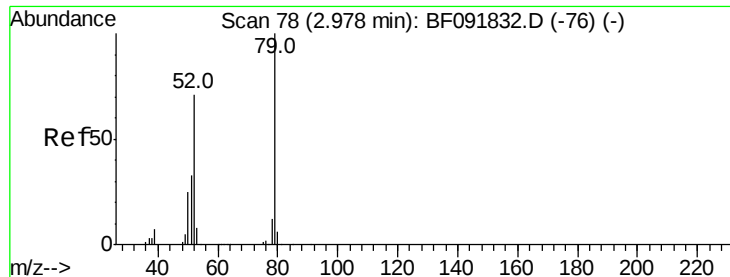


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 50.55 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.05 min

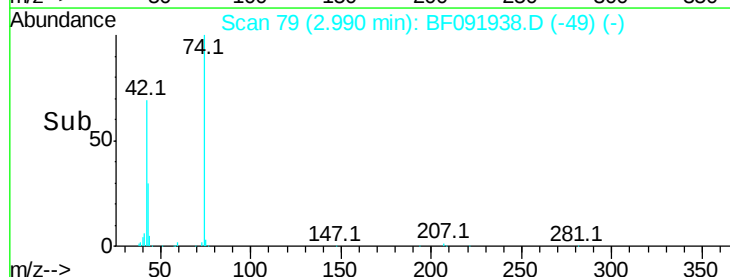
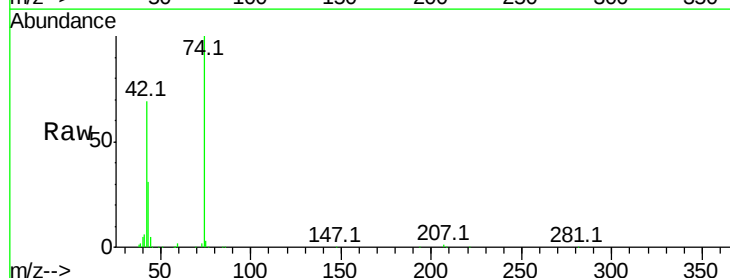
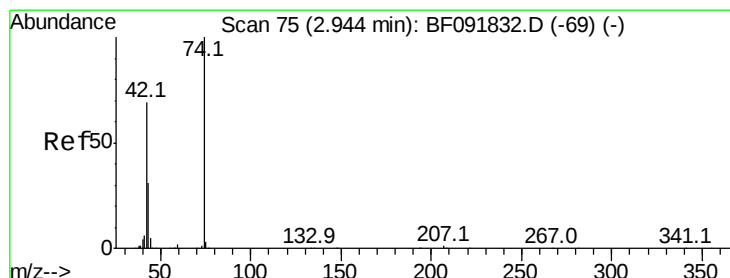
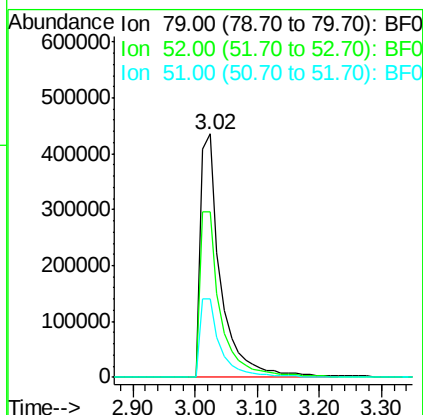
Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

Tot Ion: 79 Resp: 987998

Ion	Ratio	Lower	Upper
79	100		
52	67.8	57.1	85.7
51	32.4	27.3	40.9



#4

n-Nitrosodimethylamine

Concen: 49.75 ng

RT: 2.99 min Scan# 79

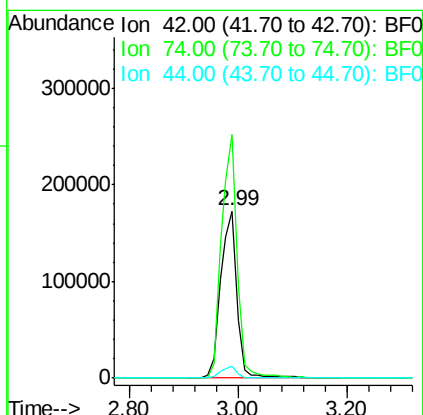
Delta R.T. 0.05 min

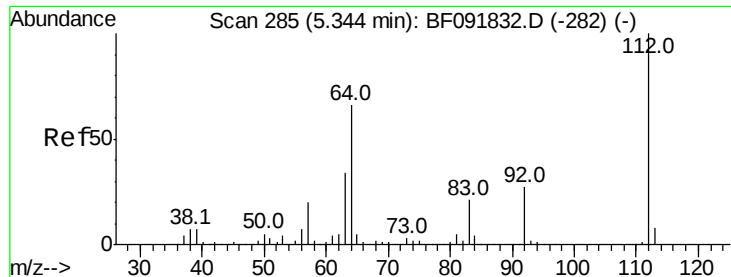
Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Tgt Ion: 42 Resp: 366756

Ion	Ratio	Lower	Upper
42	100		
74	145.8	117.0	175.4
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 133.21 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

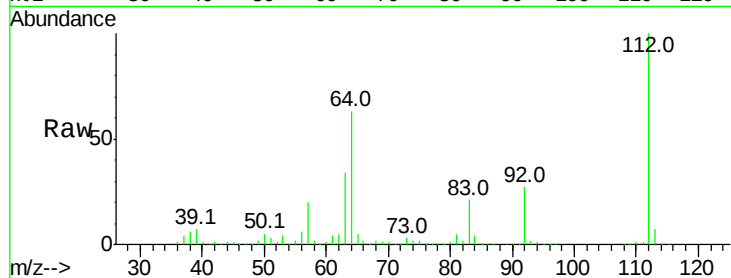
Tot Ion:112 Resp: 1515131

Ion Ratio Lower Upper

112 100

64 63.3 46.1 69.1

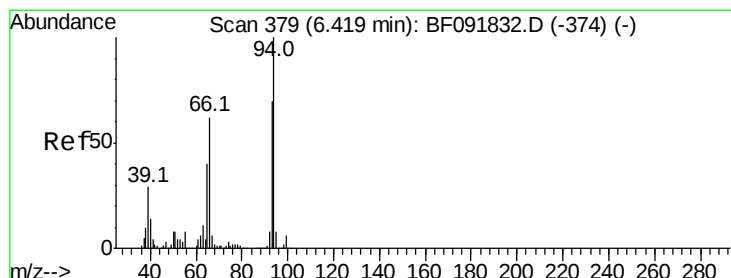
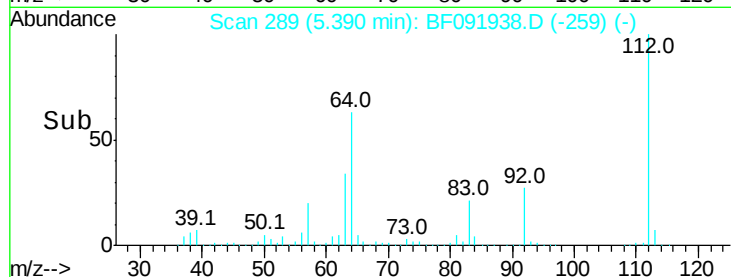
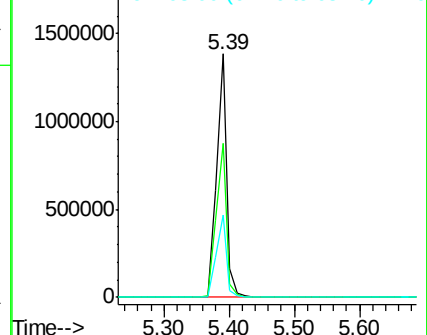
63 33.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.84 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

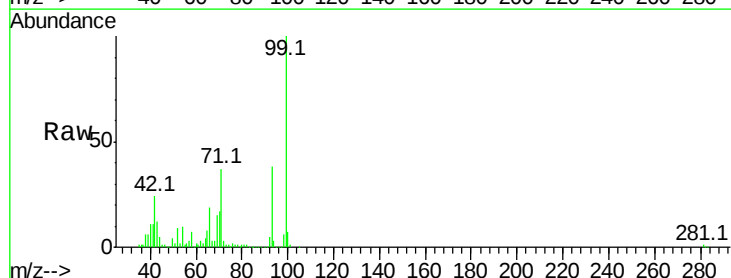
Tgt Ion: 93 Resp: 177401

Ion Ratio Lower Upper

93 100

66 51.5 76.2 114.2#

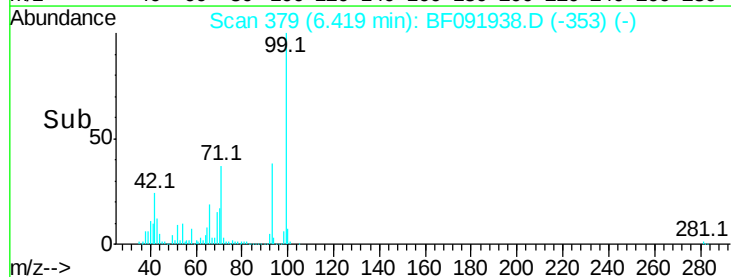
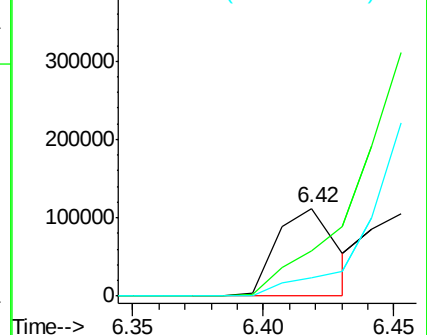
65 21.3 49.3 73.9#

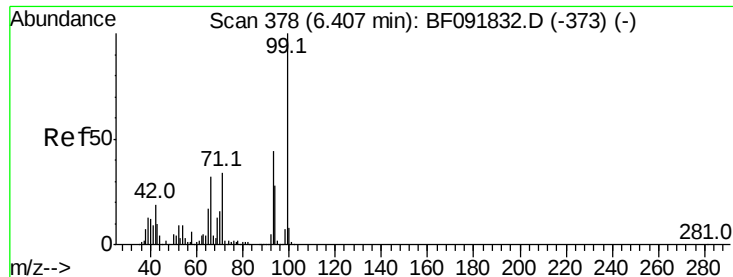


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.22 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

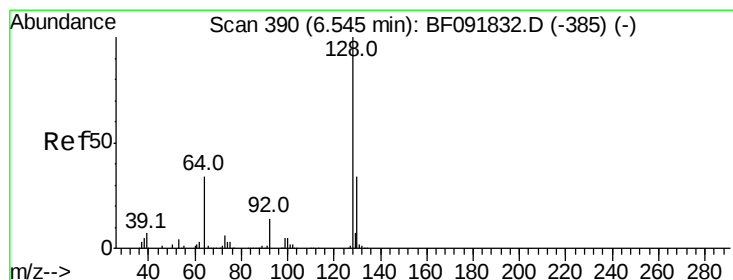
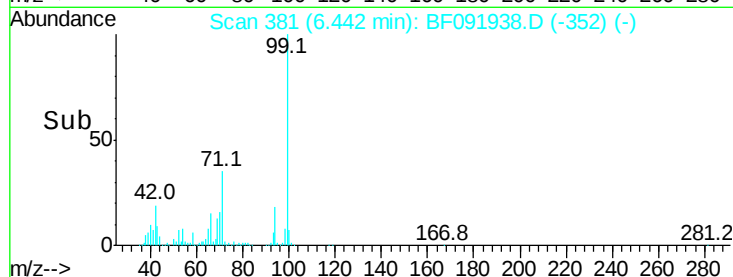
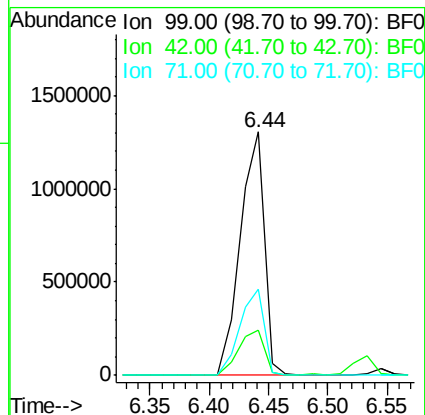
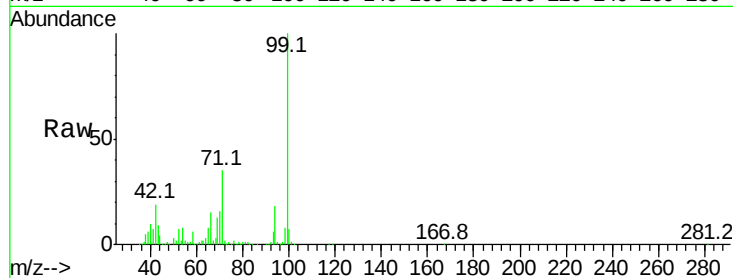
Tot Ion: 99 Resp: 1849875

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

71 35.1 27.5 41.3



#8

2-Chlorophenol

Concen: 46.25 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

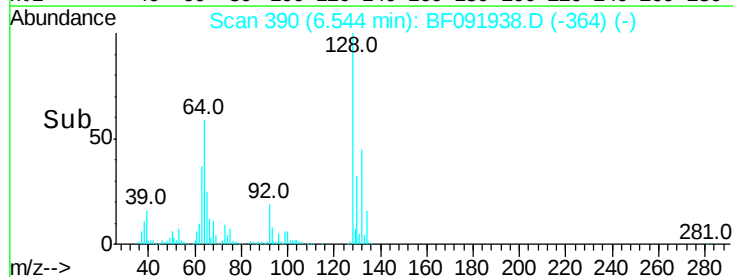
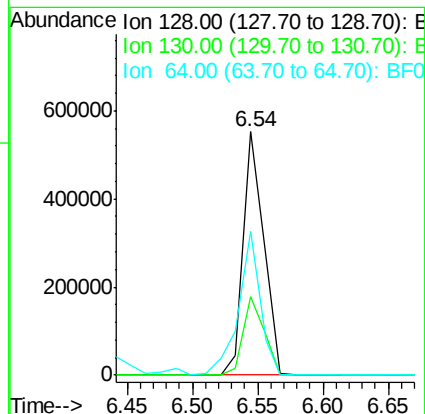
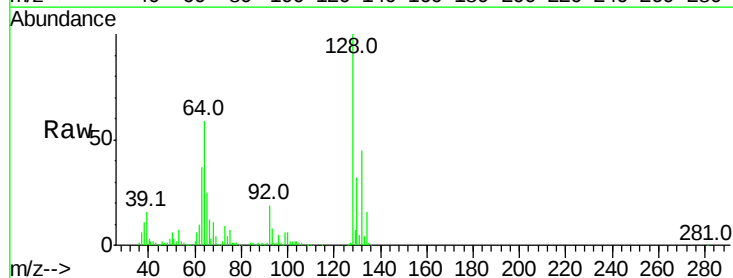
Tgt Ion:128 Resp: 598404

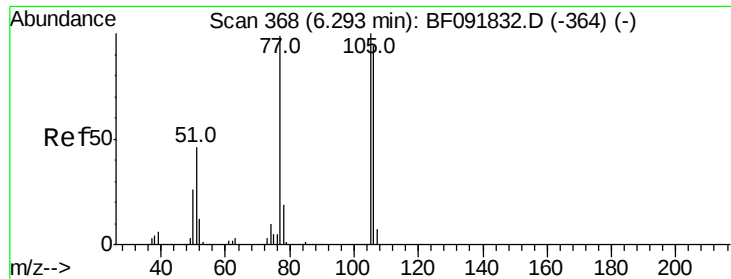
Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

64 59.0 32.2 72.2





#9

Benzaldehyde

Concen: 9.35 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

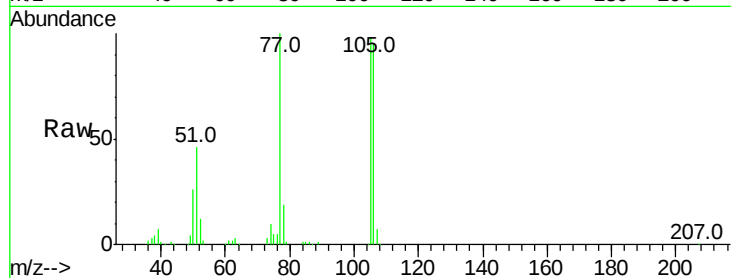
Tot Ion: 77 Resp: 95891

Ion Ratio Lower Upper

77 100

105 97.9 83.9 123.9

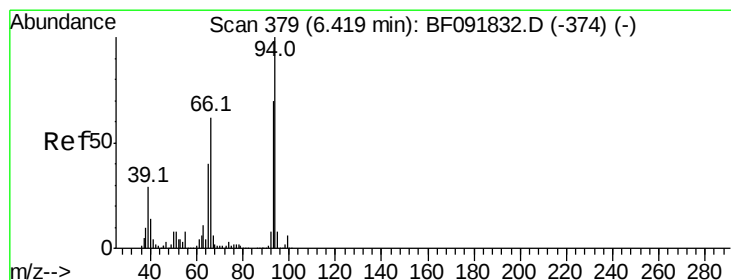
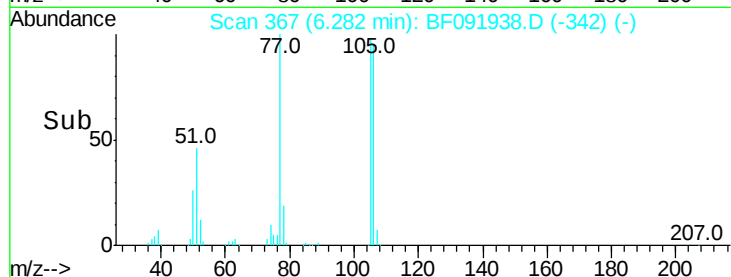
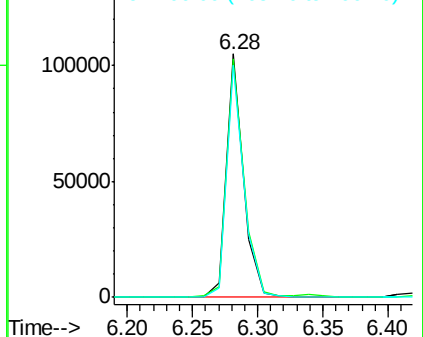
106 95.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.62 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

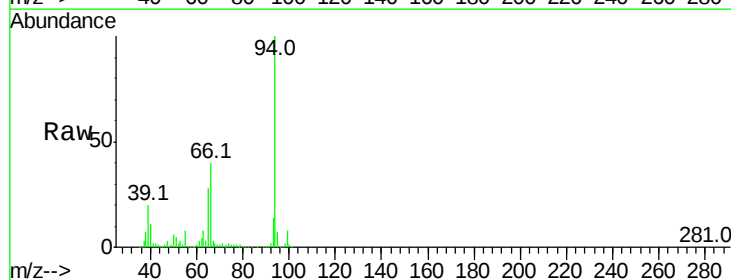
Tgt Ion: 94 Resp: 785172

Ion Ratio Lower Upper

94 100

65 28.5 21.4 61.4

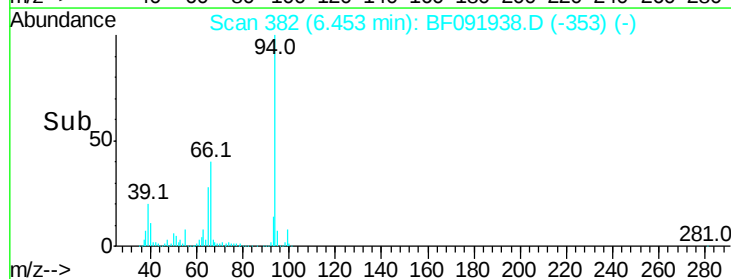
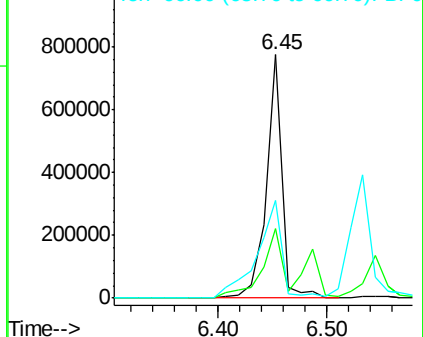
66 40.1 44.0 84.0#

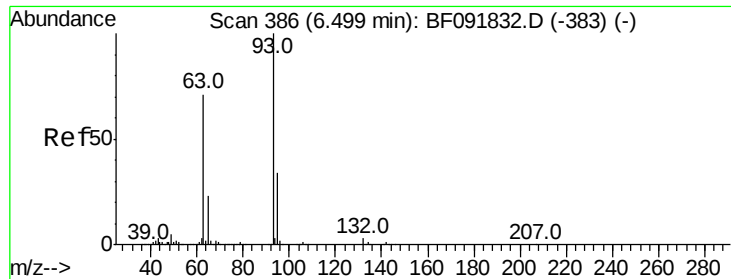


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 61.72 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

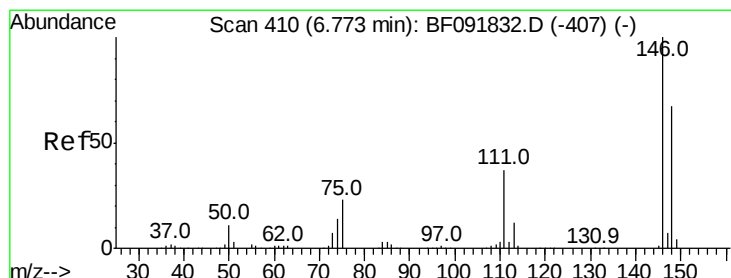
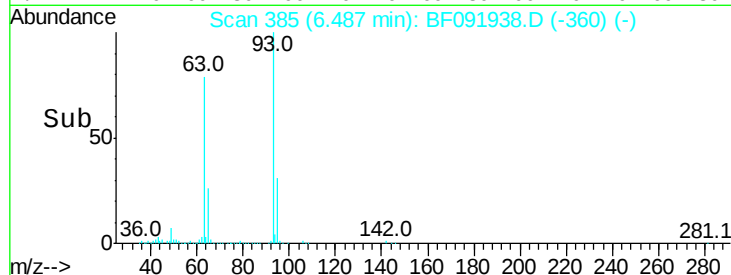
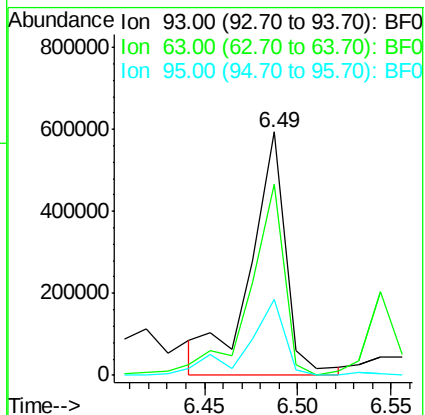
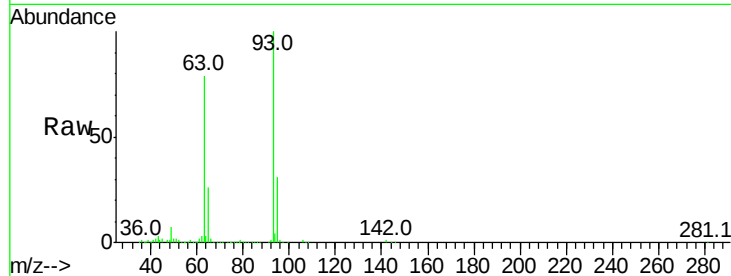
Tot Ion: 93 Resp: 777140

Ion Ratio Lower Upper

93 100

63 78.5 60.4 100.4

95 31.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 49.74 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

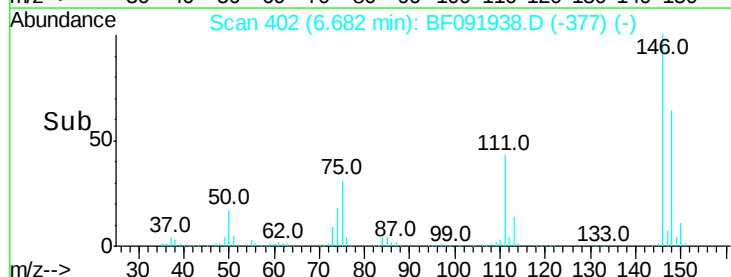
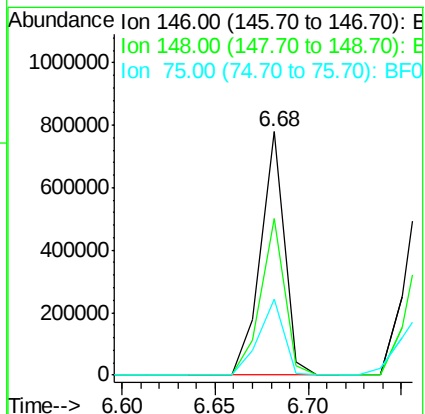
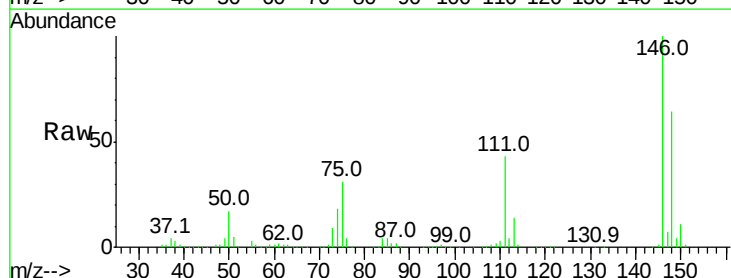
Tgt Ion: 146 Resp: 687008

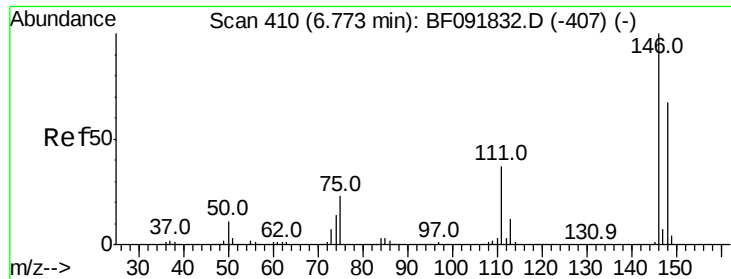
Ion Ratio Lower Upper

146 100

148 64.5 53.4 80.0

75 31.4 18.5 27.7#

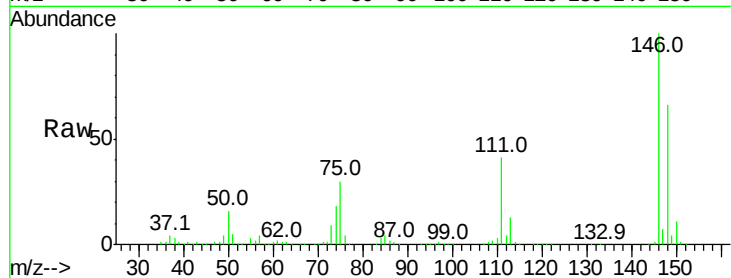




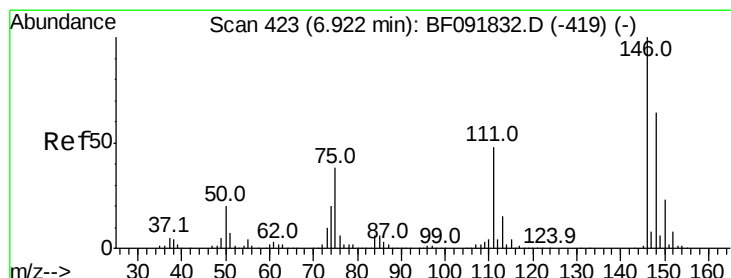
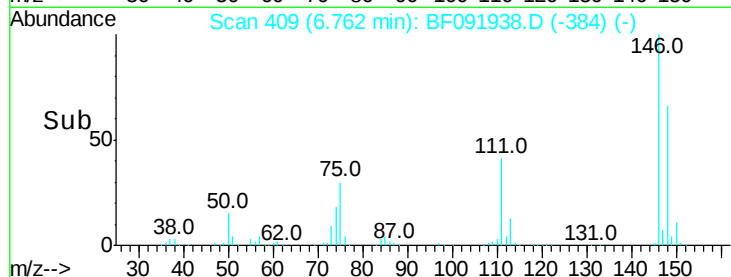
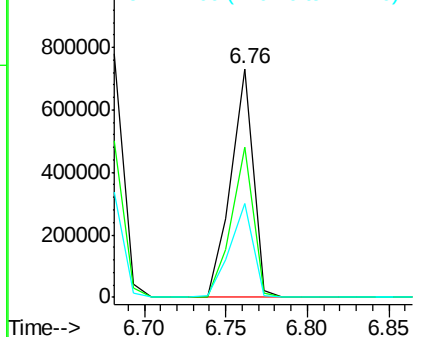
#13
 1,4-Dichlorobenzene
 Concen: 49.33 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

Tot Ion:146 Resp: 693449
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.6 76.0
 111 41.1 36.2 54.4

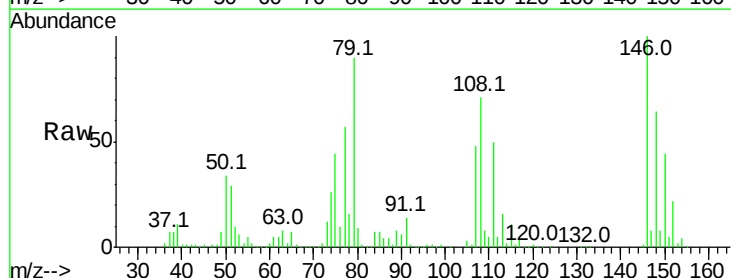


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

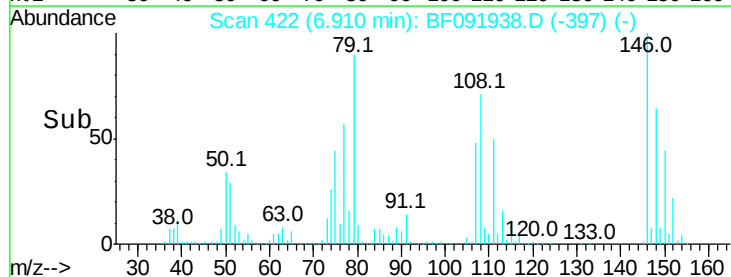
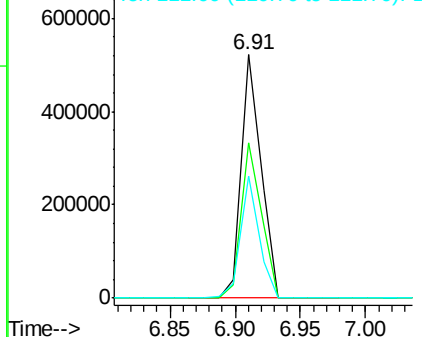


#14
 1,2-Dichlorobenzene
 Concen: 44.74 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion:146 Resp: 545759
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 50.2 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: 53.78 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

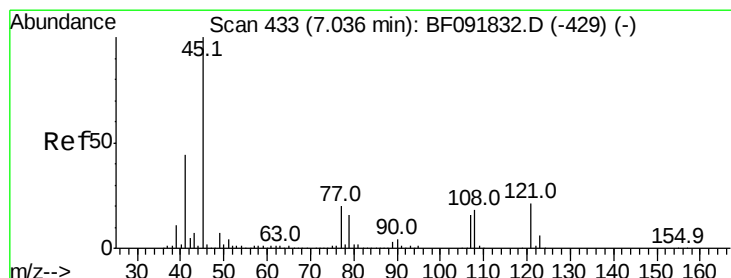
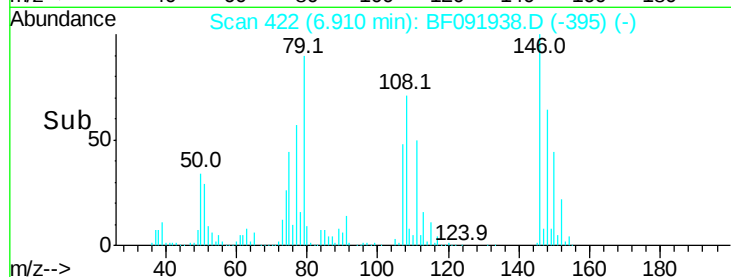
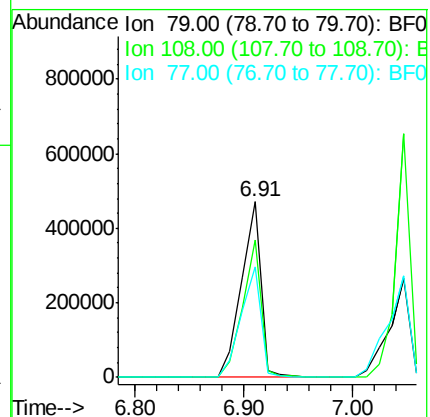
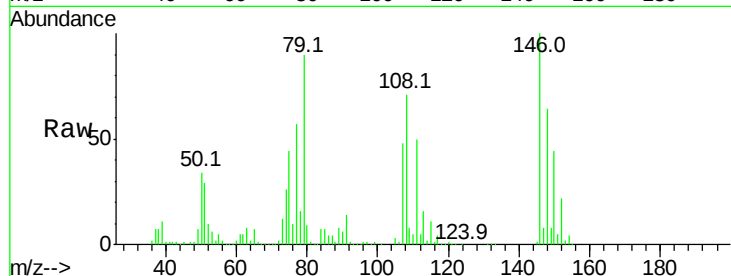
Tot Ion: 79 Resp: 580306

Ion Ratio Lower Upper

79 100

108 78.4 61.4 92.0

77 63.0 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.97 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

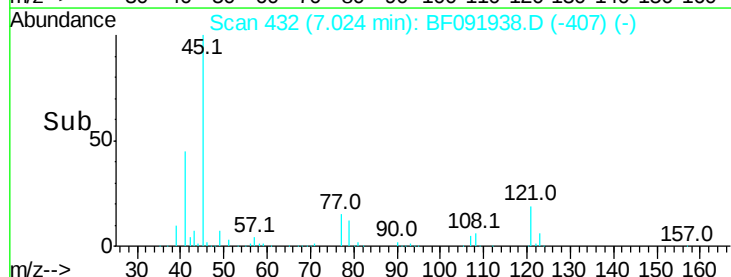
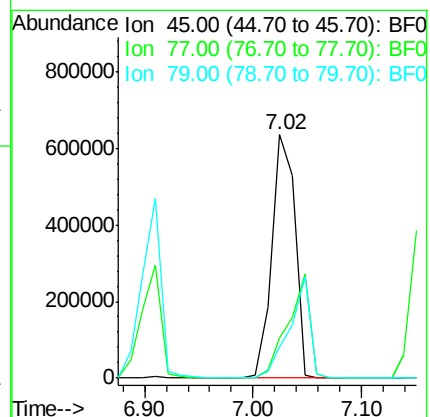
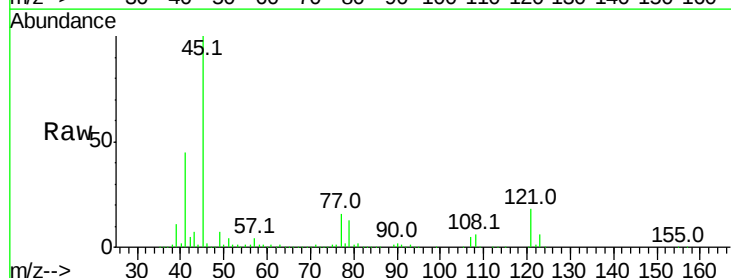
Tgt Ion: 45 Resp: 936903

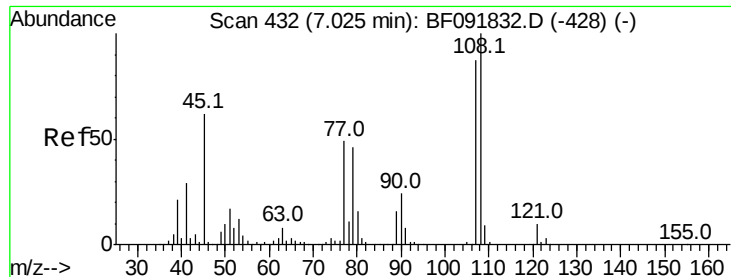
Ion Ratio Lower Upper

45 100

77 16.3 0.0 34.6

79 12.9 0.0 31.2





#17

2-Methylphenol

Concen: 51.95 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.02 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

Tot Ion:107 Resp: 540514

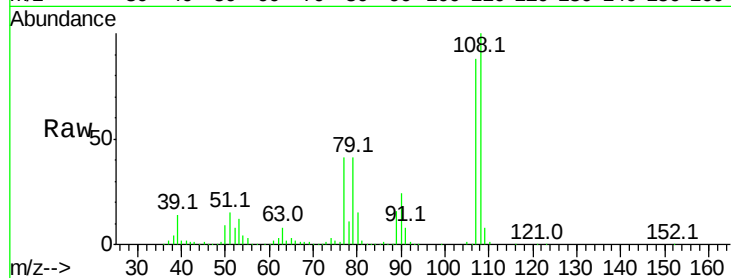
Ion Ratio Lower Upper

107 100

108 114.1 93.0 139.6

77 47.3 39.8 59.8

79 46.5 38.0 57.0

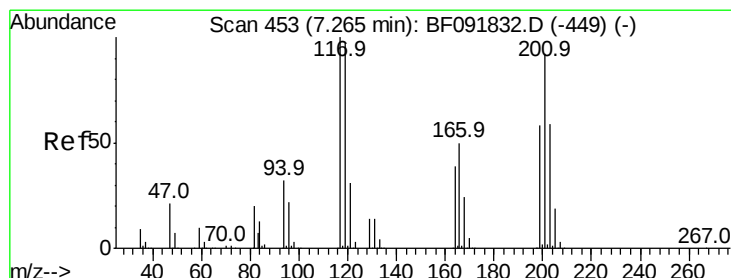
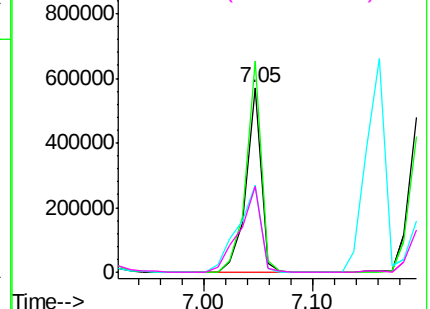
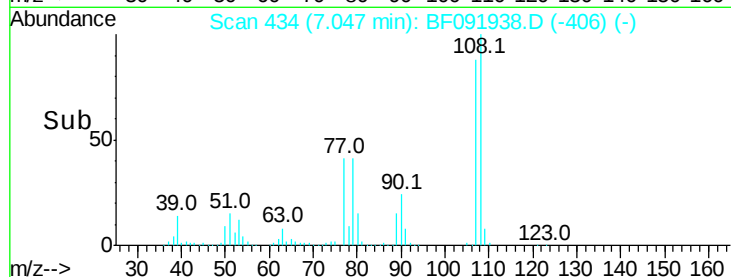


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 49.15 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

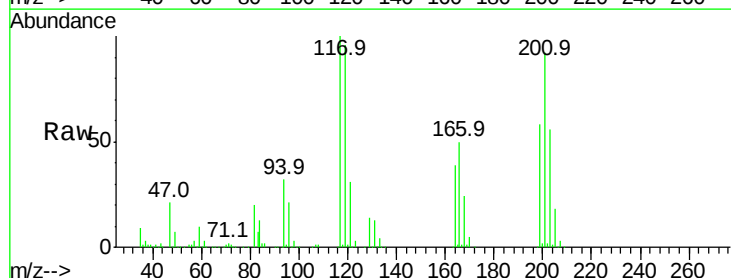
Tgt Ion:117 Resp: 256174

Ion Ratio Lower Upper

117 100

119 96.3 78.1 117.1

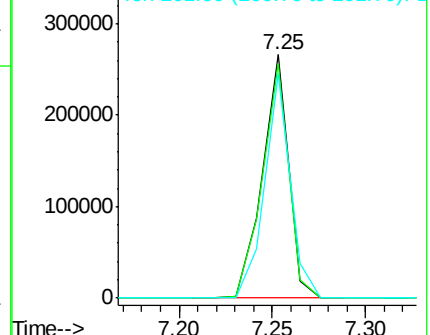
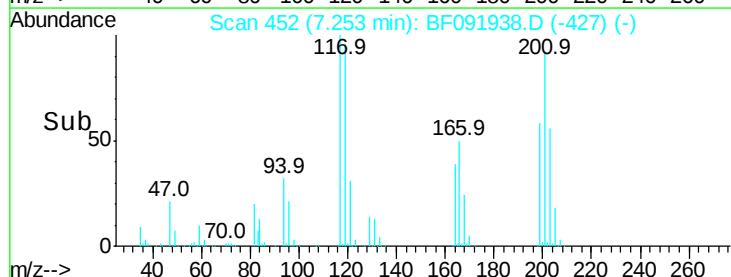
201 92.1 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

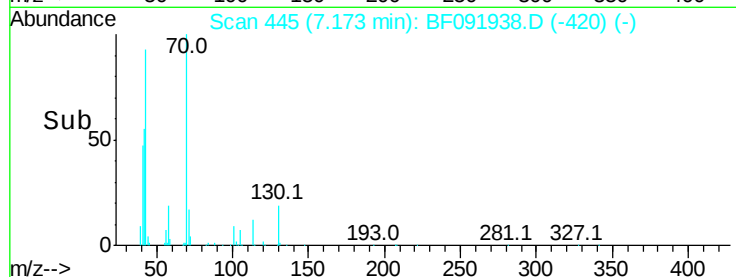
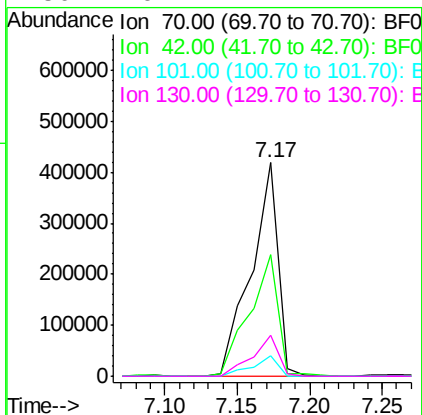
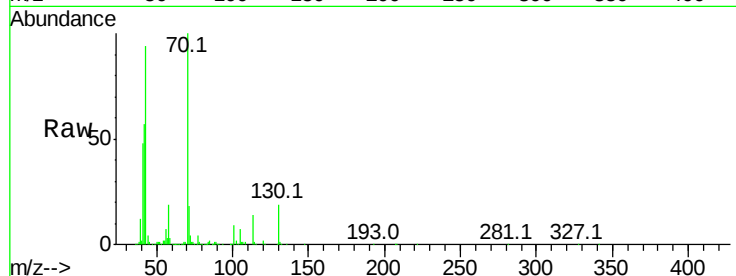




#19
n-Nitroso-di-n-propylamine
Concen: 58.45 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

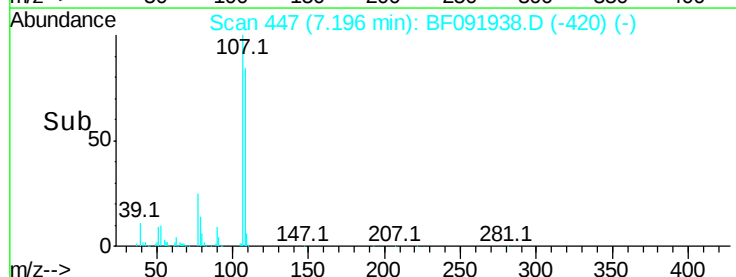
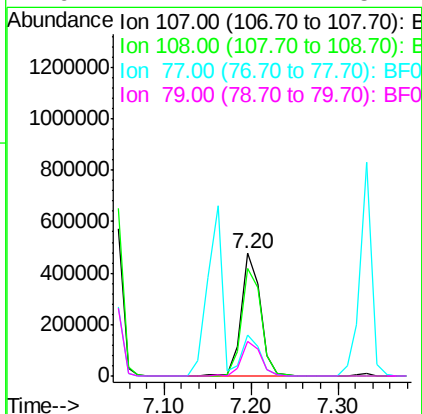
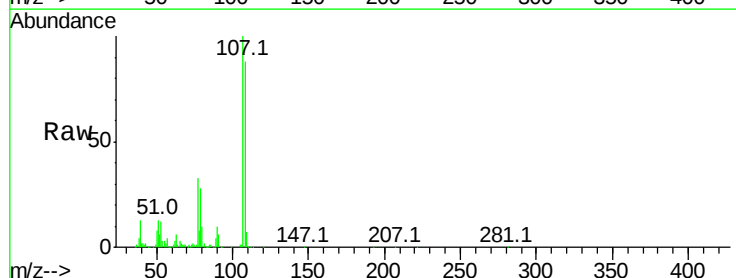
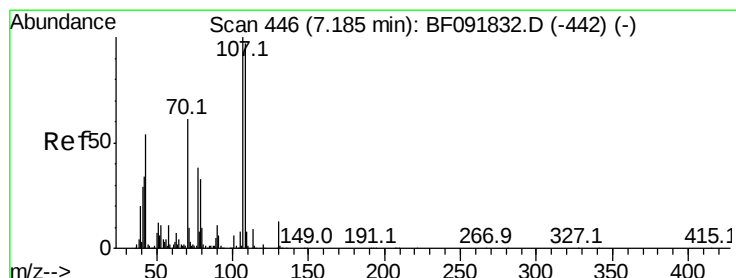
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

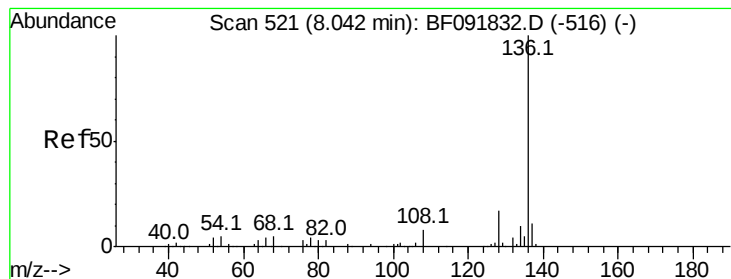
Tot Ion:	70	Resp:	540001
Ion	Ratio	Lower	Upper
70	100		
42	57.2	49.4	74.0
101	9.4	7.4	11.2
130	19.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 58.03 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Tgt Ion:	107	Resp:	720156
Ion	Ratio	Lower	Upper
107	100		
108	88.0	73.0	113.0
77	33.4	71.3	111.3
79	27.7	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: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

Tot Ion:136 Resp: 822588

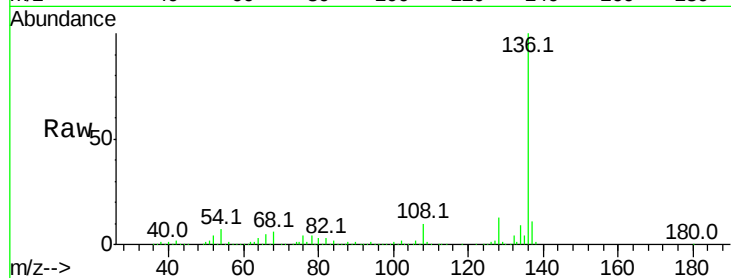
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.1 4.5 6.7#

68 5.5 3.6 5.4#

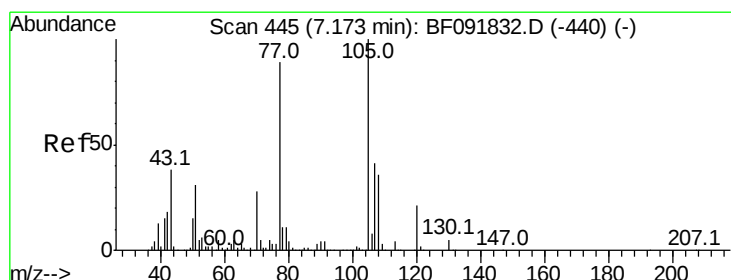
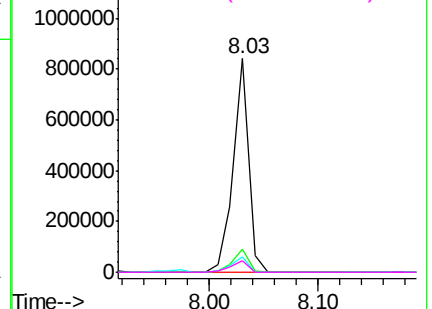
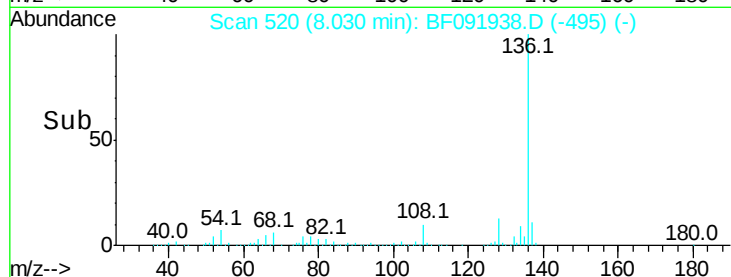


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.11 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Tgt Ion:105 Resp: 1016690

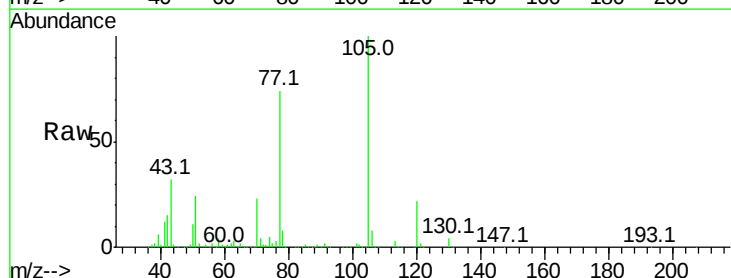
Ion Ratio Lower Upper

105 100

71 3.9 3.2 4.8

51 24.2 26.2 39.4#

120 21.5 16.6 24.8

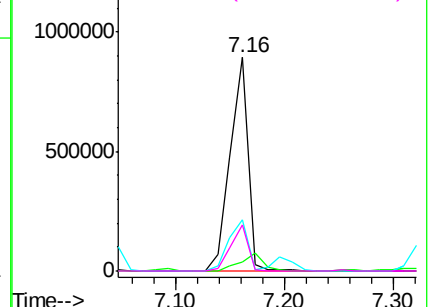
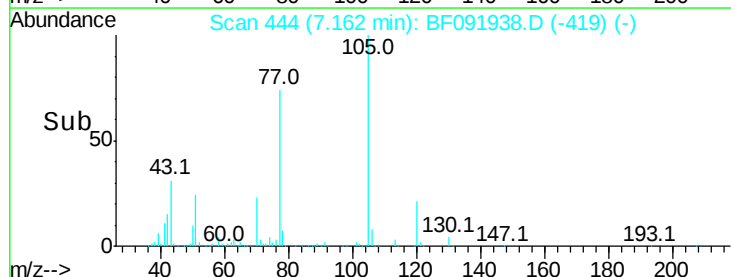


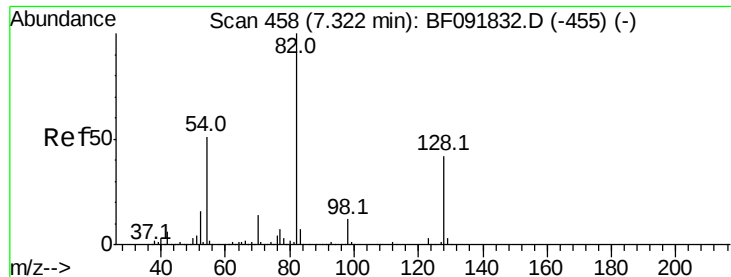
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

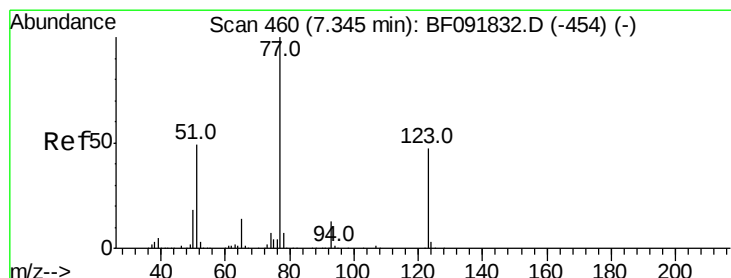
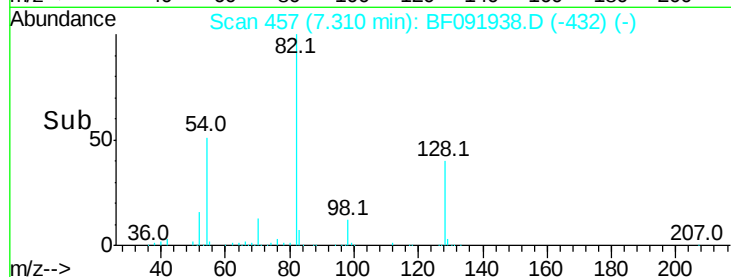
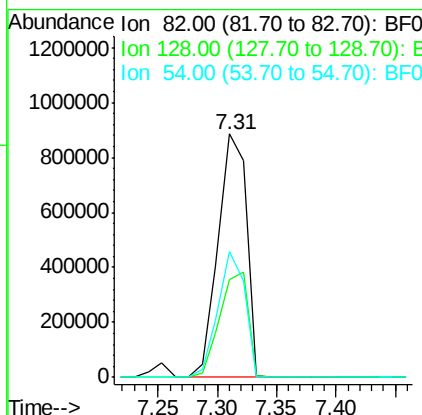
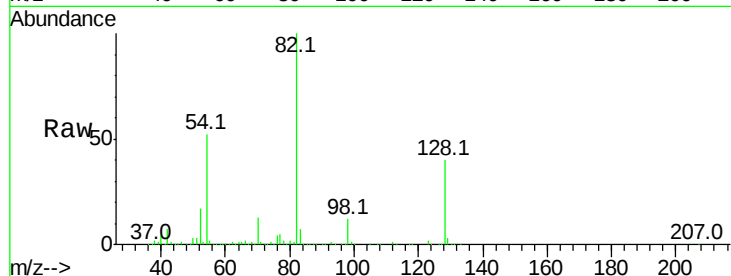




#23
Nitrobenzene-d5
Concen: 98.99 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

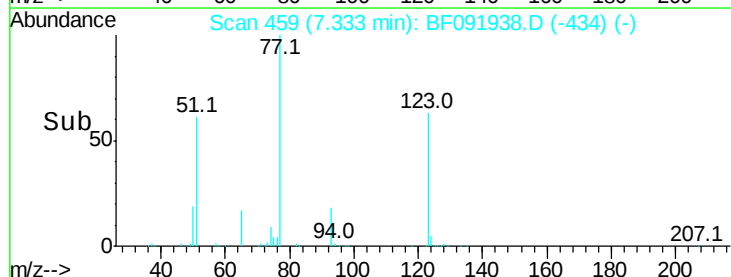
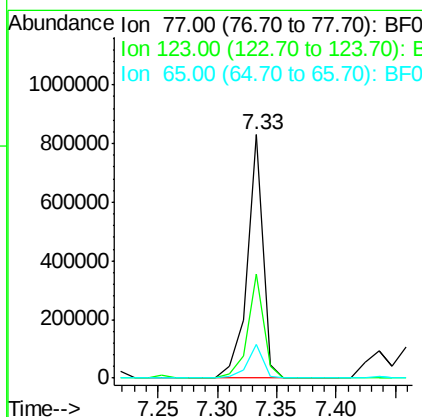
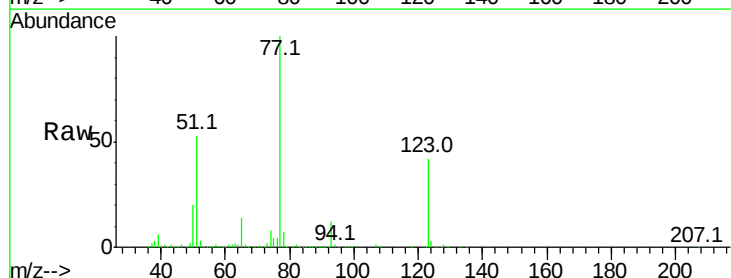
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

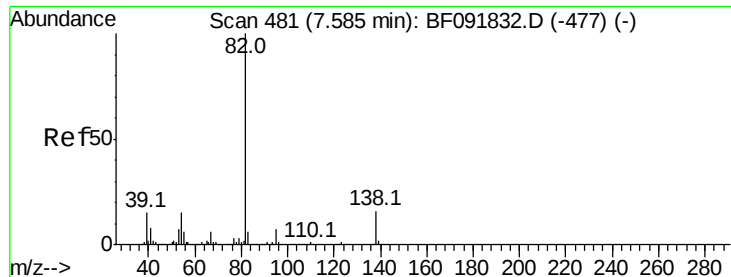
Tot Ion: 82 Resp: 1464354
Ion Ratio Lower Upper
82 100
128 40.0 34.6 52.0
54 51.6 39.5 59.3



#24
Nitrobenzene
Concen: 48.65 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Tgt Ion: 77 Resp: 766563
Ion Ratio Lower Upper
77 100
123 42.5 33.0 49.4
65 14.0 11.2 16.8





#25

Isophorone

Concen: 45.13 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

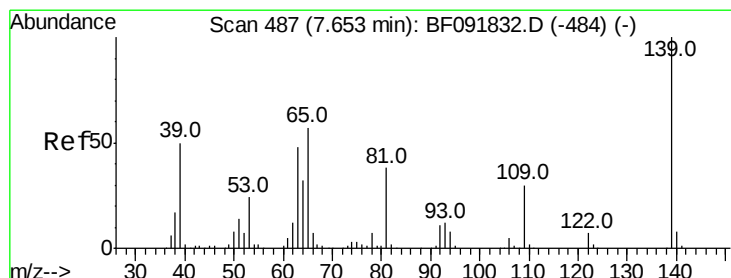
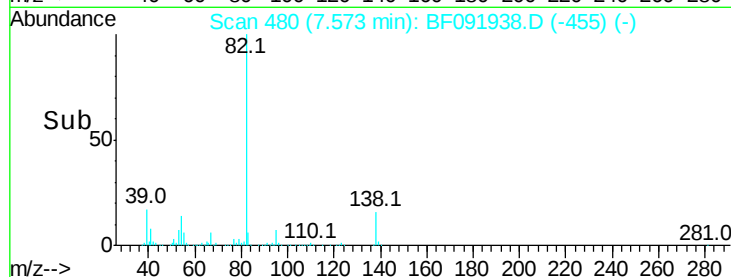
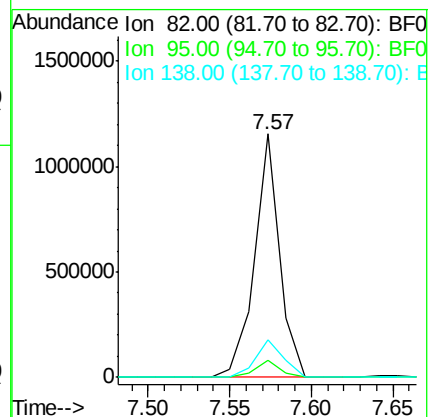
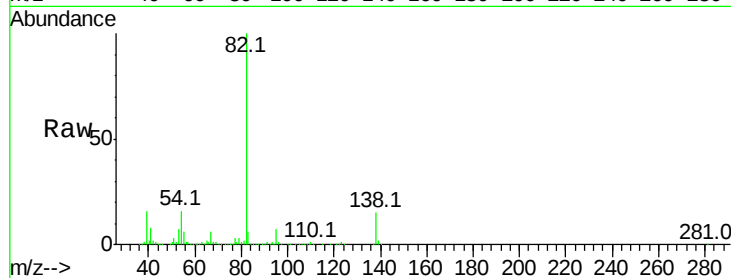
Tot Ion: 82 Resp: 1231586

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 15.2 14.6 22.0



#26

2-Nitrophenol

Concen: 49.12 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

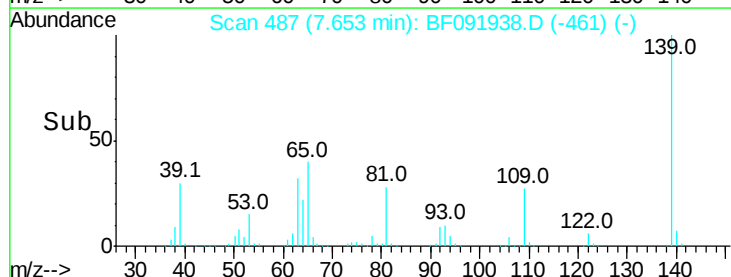
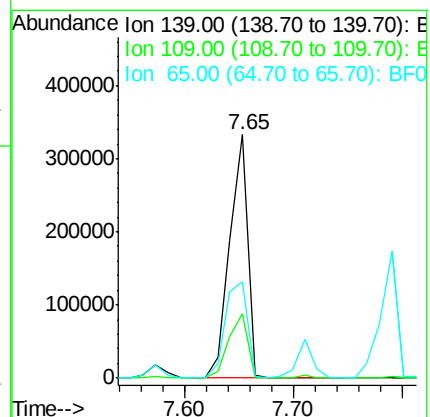
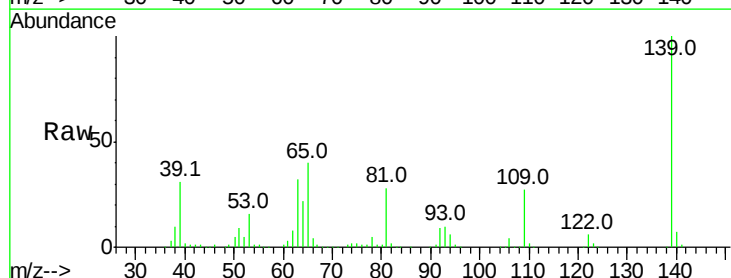
Tgt Ion: 139 Resp: 381664

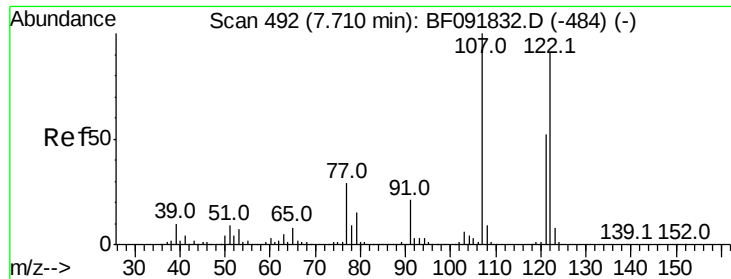
Ion Ratio Lower Upper

139 100

109 26.6 23.3 34.9

65 39.7 42.7 64.1#

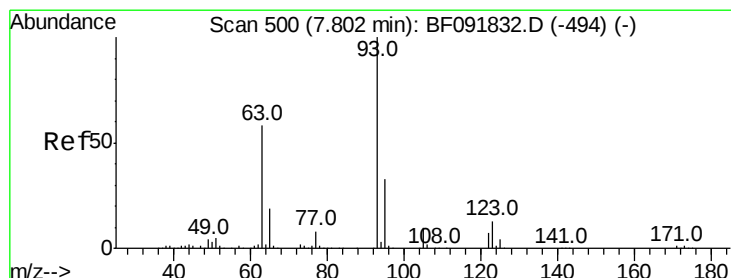
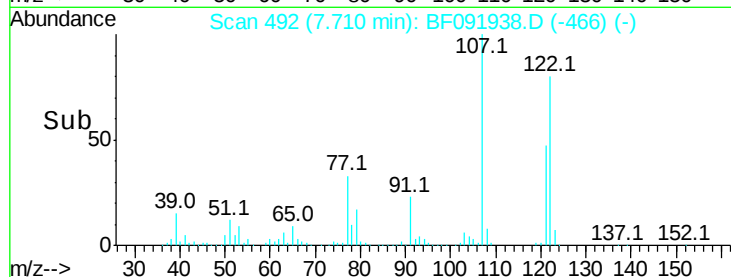
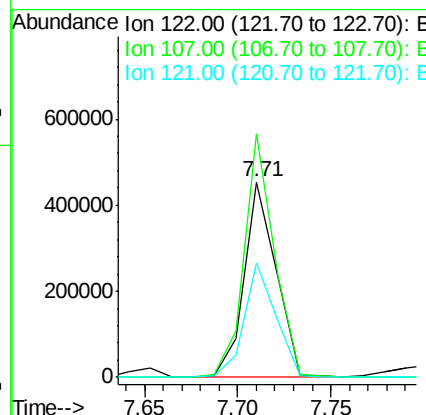
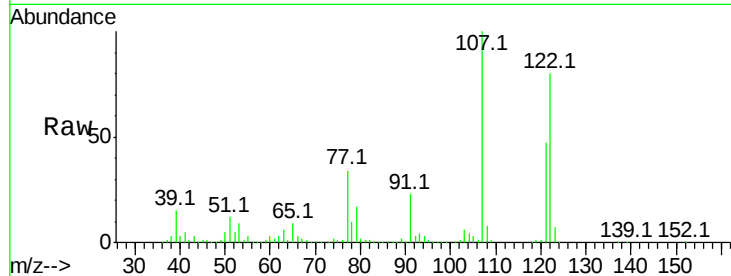




#27
 2,4-Dimethylphenol
 Concen: 41.97 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

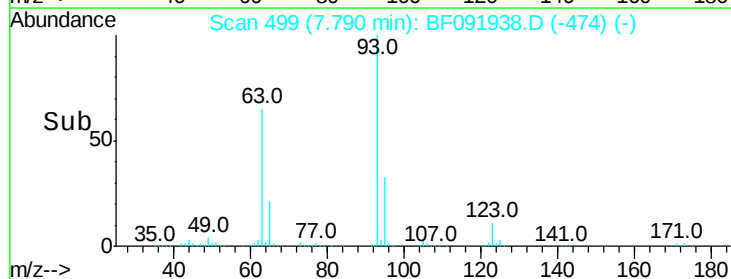
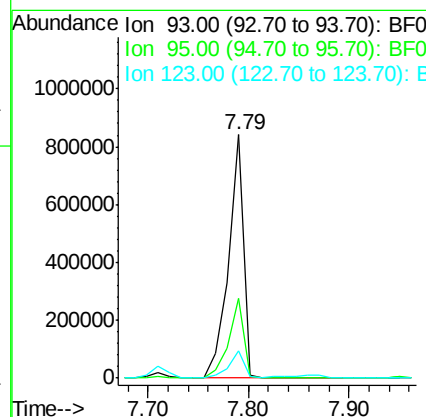
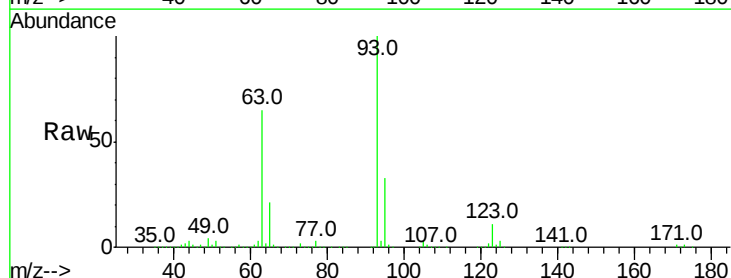
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

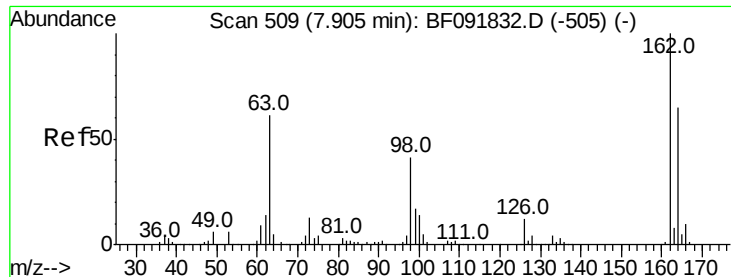
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.5	94.1	141.1
121	58.7	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.98 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	11.1	8.6	13.0

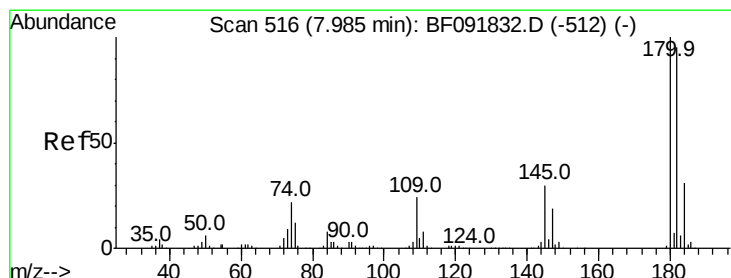
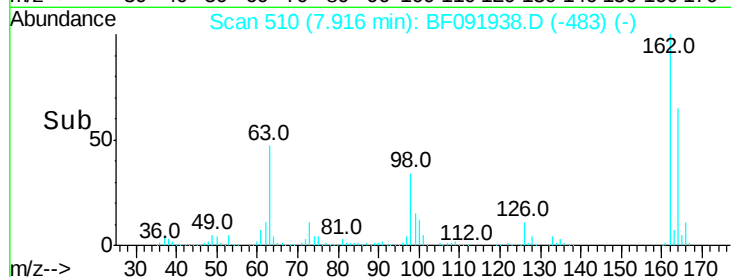
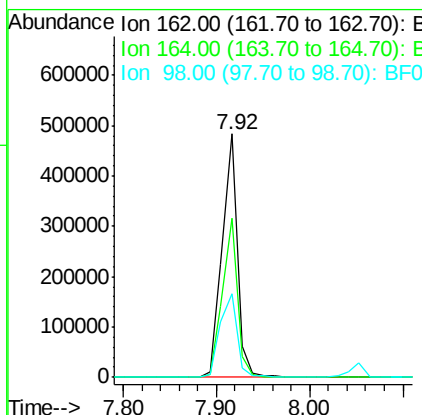
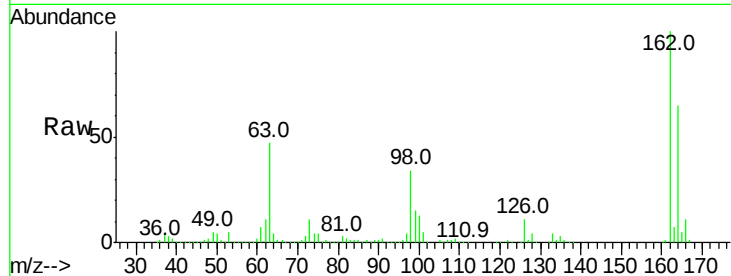




#29
 2,4-Dichlorophenol
 Concen: 50.10 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

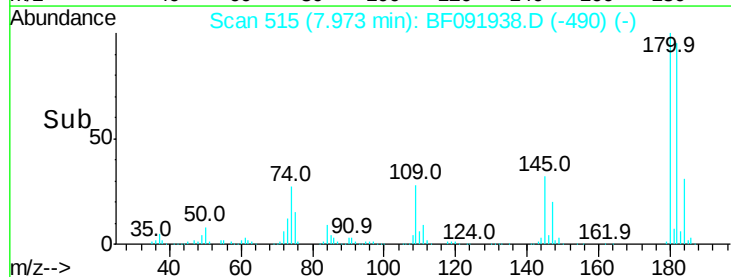
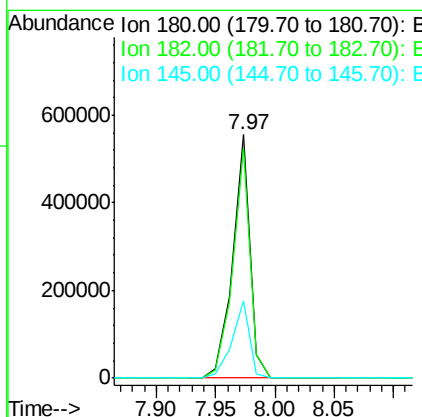
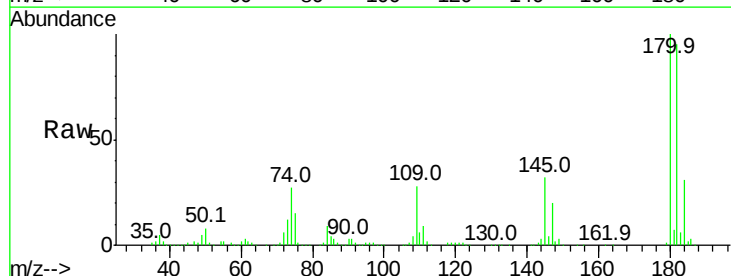
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

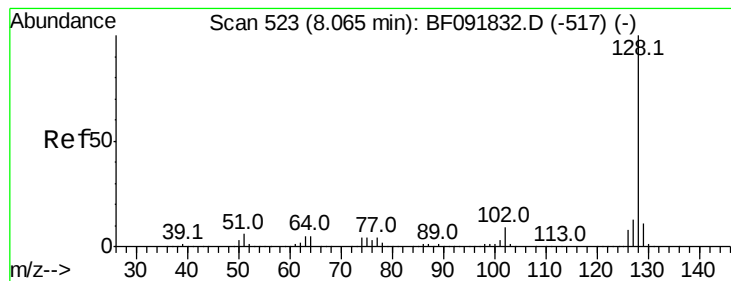
Tot Ion:162 Resp: 546711
 Ion Ratio Lower Upper
 162 100
 164 65.1 46.8 86.8
 98 34.4 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.88 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion:180 Resp: 560617
 Ion Ratio Lower Upper
 180 100
 182 94.5 78.2 117.4
 145 31.8 21.6 32.4





#31

Naphthalene

Concen: 50.97 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

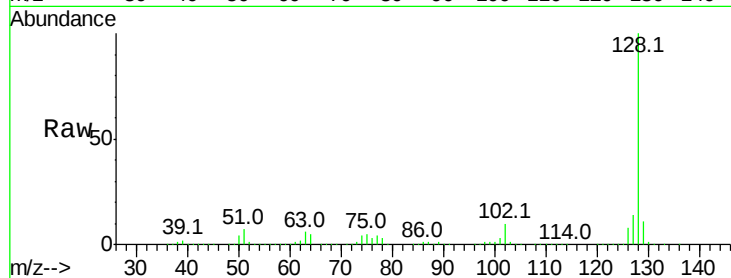
Tot Ion:128 Resp: 1919069

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

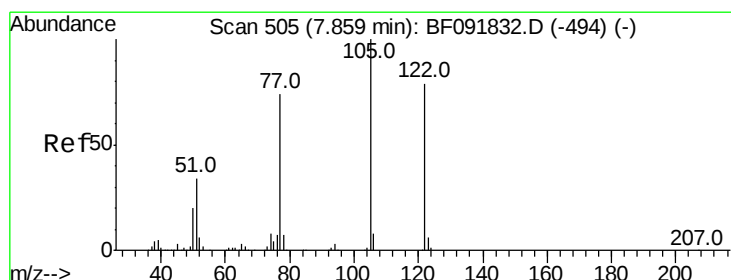
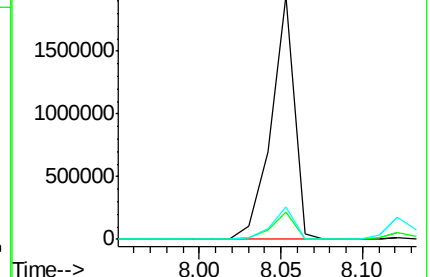
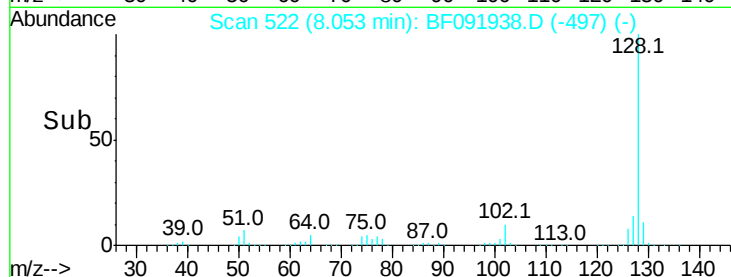
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.62 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

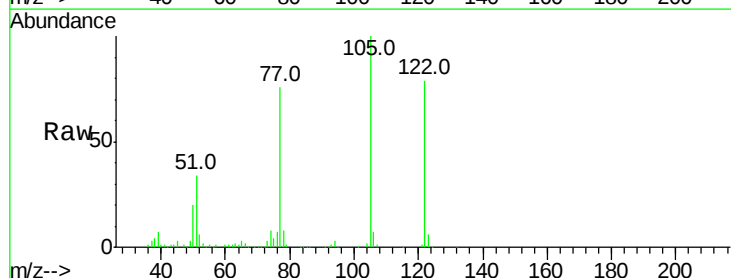
Tgt Ion:122 Resp: 369168

Ion Ratio Lower Upper

122 100

105 126.1 107.2 147.2

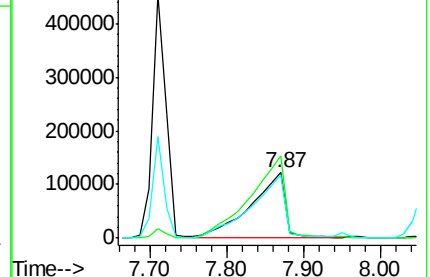
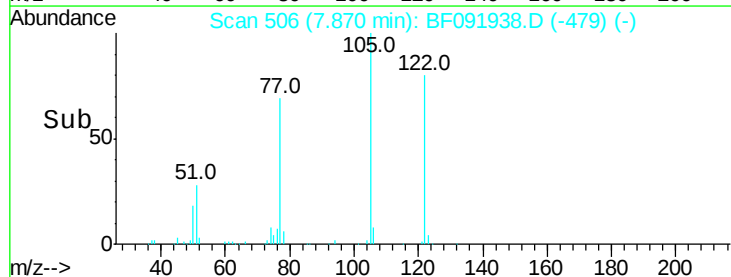
77 95.7 74.5 114.5

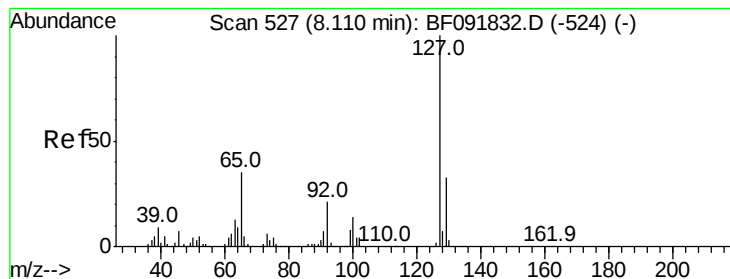


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 13.97 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

Tot Ion:127 Resp: 237207

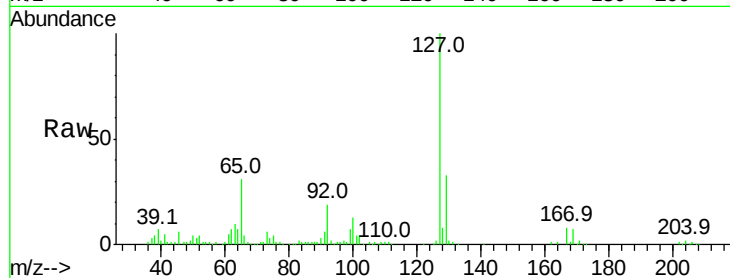
Ion Ratio Lower Upper

127 100

129 32.9 26.3 39.5

65 30.6 25.8 38.8

92 19.0 16.1 24.1

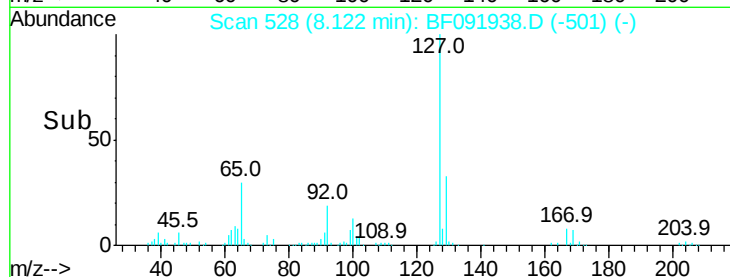


Abundance Ion 127.00 (126.70 to 127.70): E

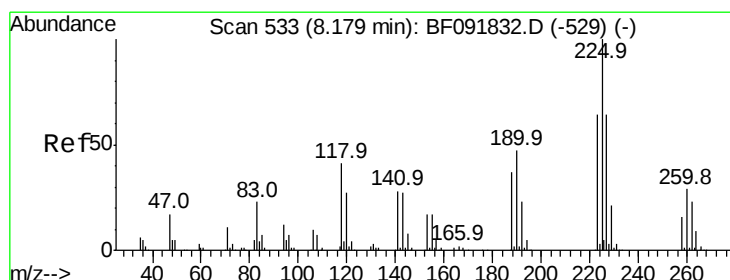
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 48.97 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

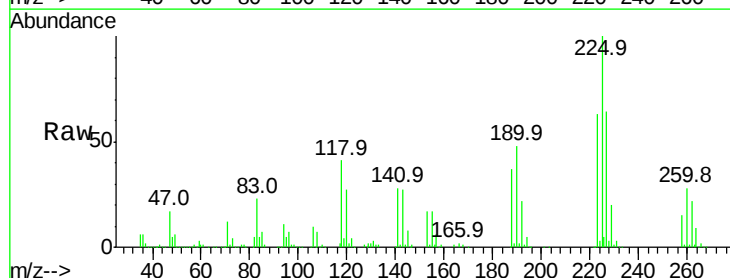
Tgt Ion:225 Resp: 309090

Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.6

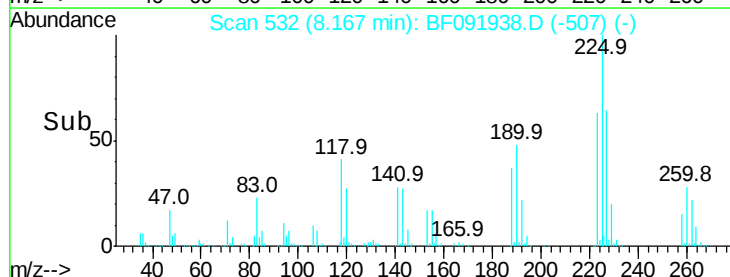
227 64.4 50.6 76.0



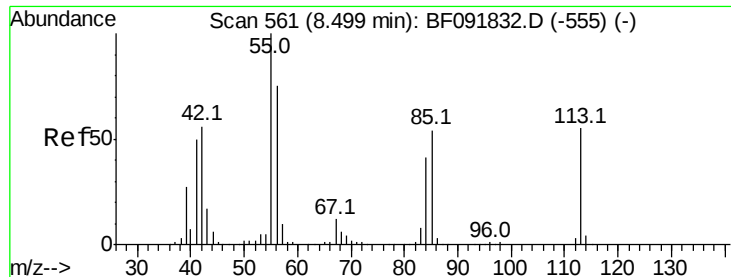
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



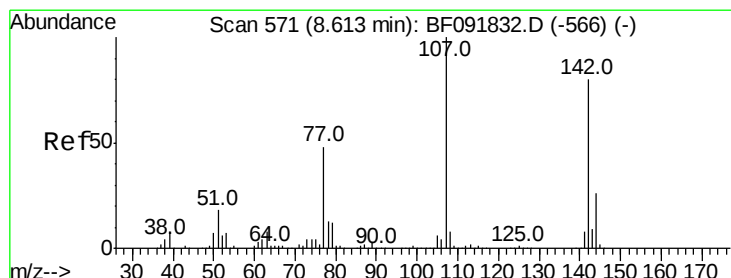
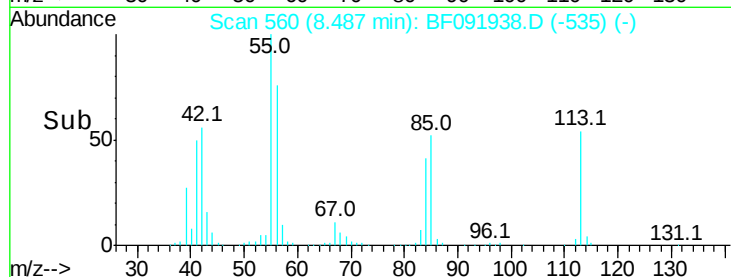
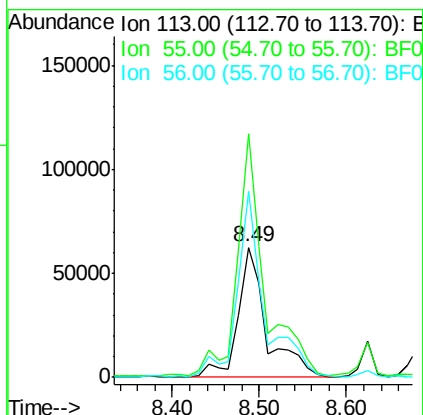
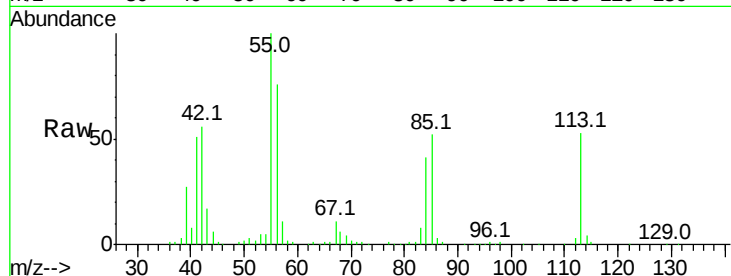
Time-->



#35
 Caprolactam
 Concen: 39.89 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

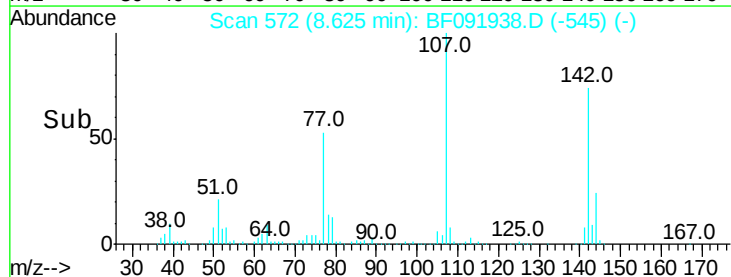
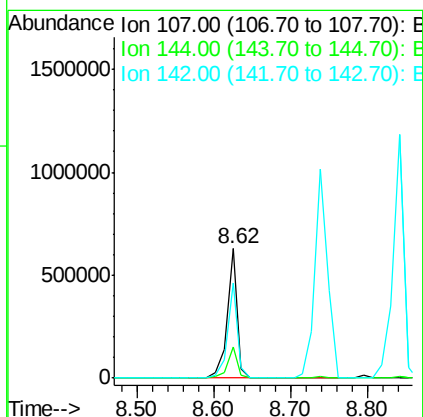
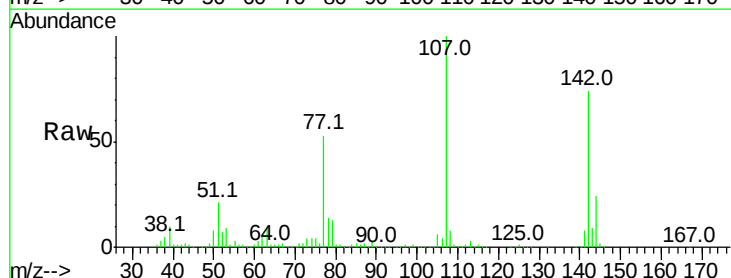
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

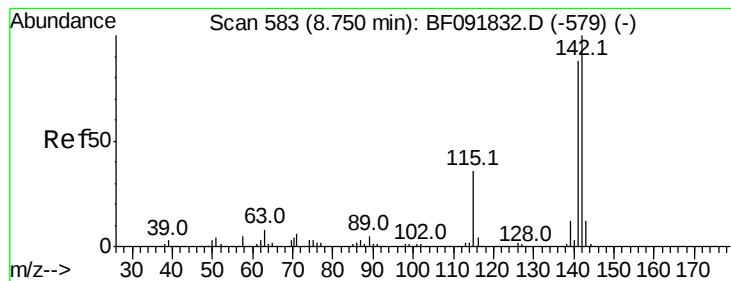
Tot Ion:113 Resp: 143042
 Ion Ratio Lower Upper
 113 100
 55 187.1 119.2 159.2#
 56 142.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 46.52 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion:107 Resp: 584143
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 73.9 59.0 88.6

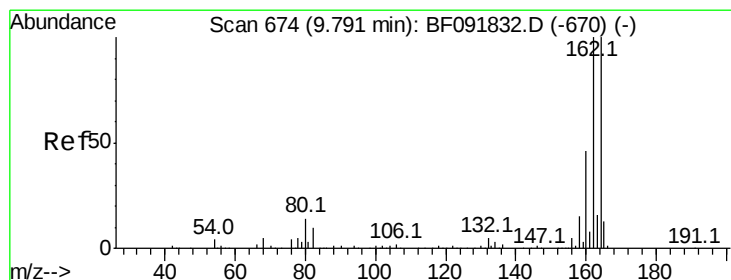
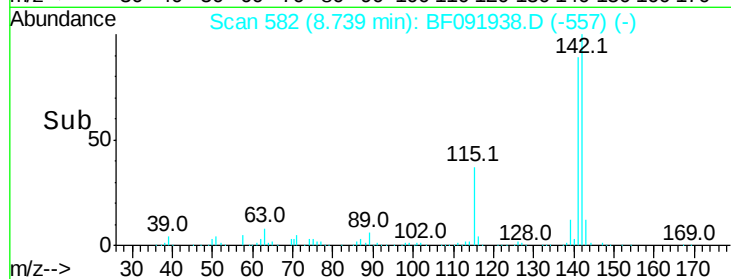
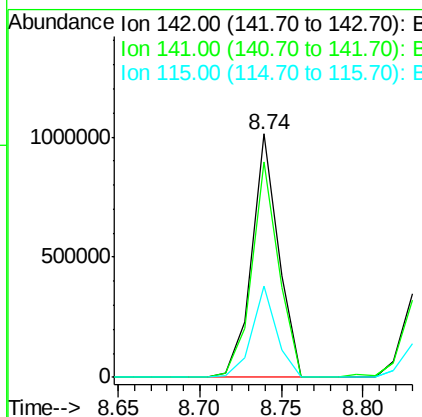
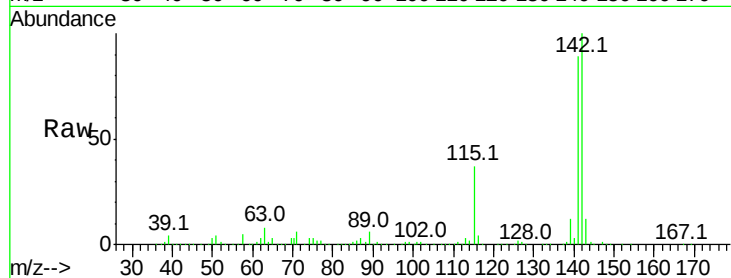




#37
2-Methylnaphthalene
Concen: 55.26 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

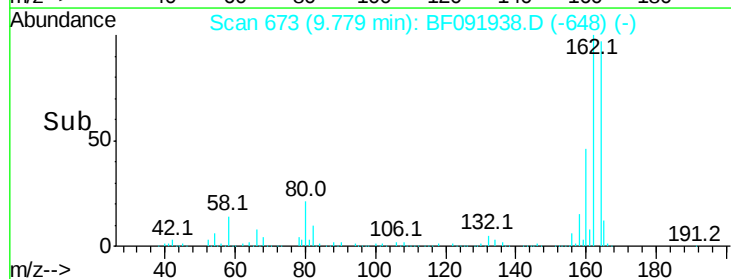
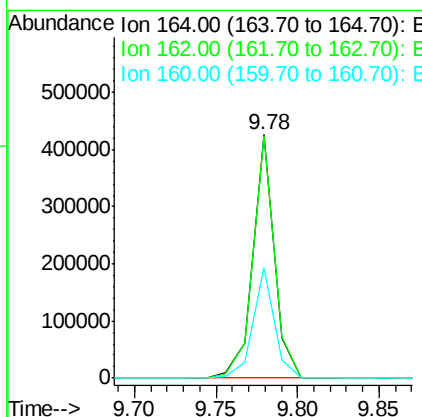
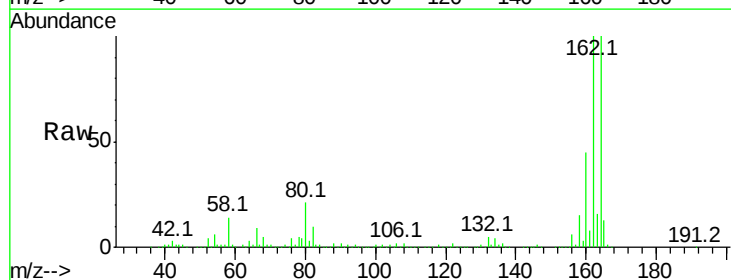
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

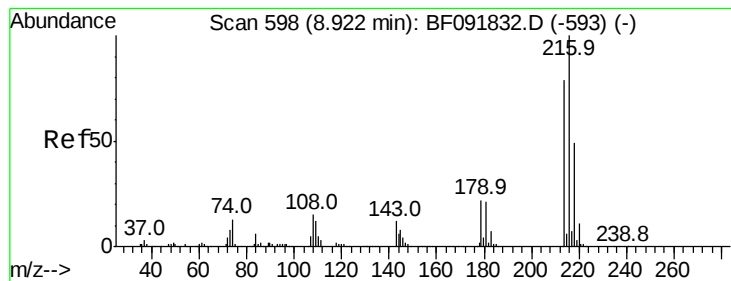
Tot Ion:142 Resp: 1157559
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 37.4 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Tgt Ion:164 Resp: 389086
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.2
160 45.3 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.97 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

Tot Ion:216 Resp: 530502

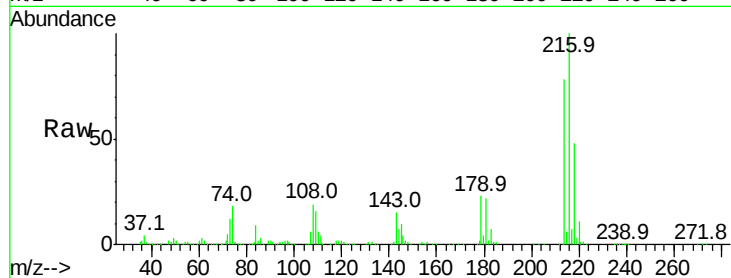
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 23.3 17.4 26.2

108 22.6 15.6 23.4

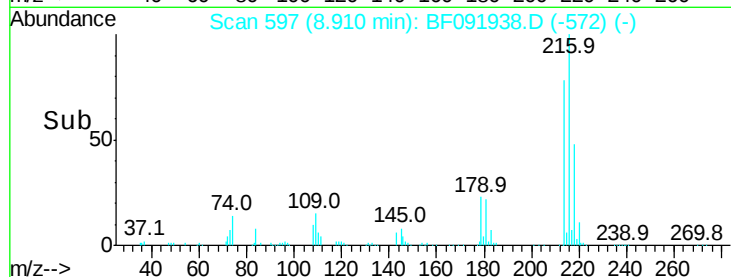


Abundance Ion 216.00 (215.70 to 216.70): E

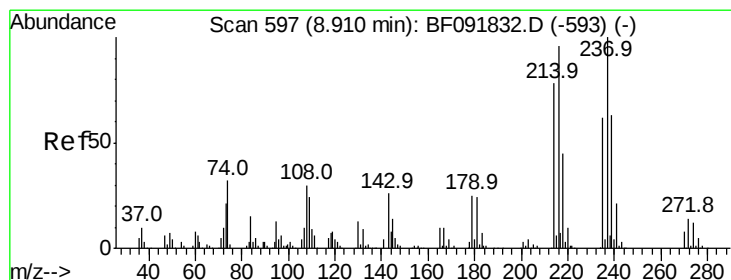
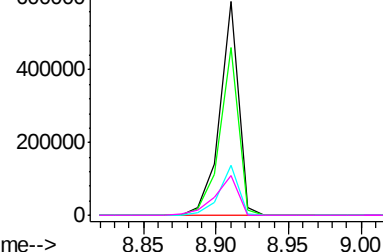
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 66.19 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

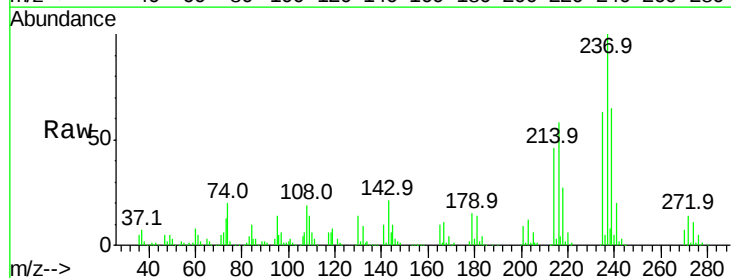
Tgt Ion:237 Resp: 286608

Ion Ratio Lower Upper

237 100

235 62.9 41.2 81.2

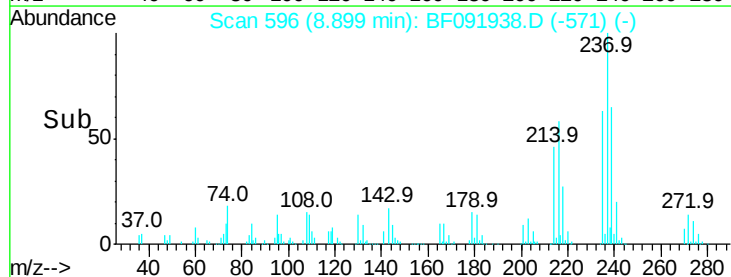
272 13.6 0.0 35.4



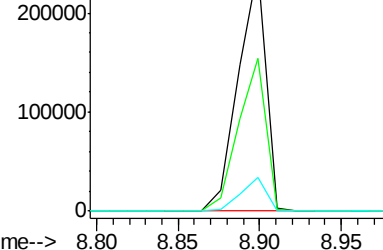
Abundance Ion 236.80 (236.50 to 237.50): E

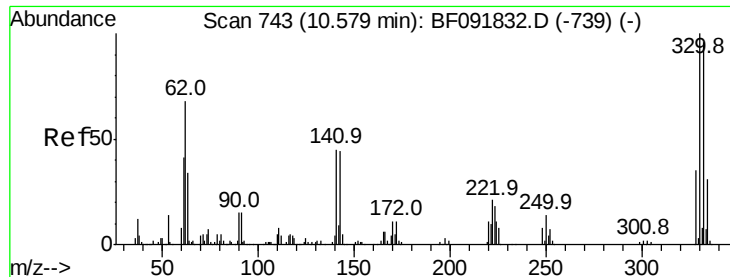
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

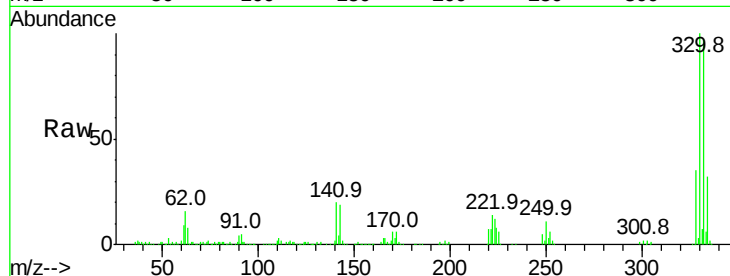




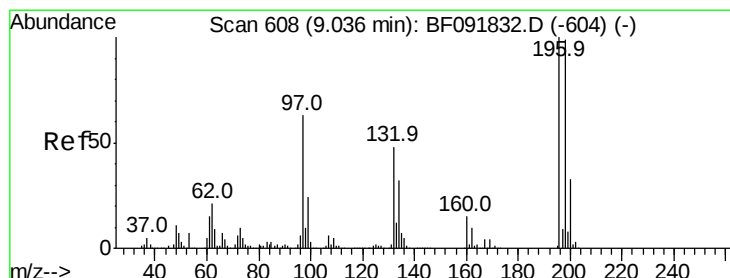
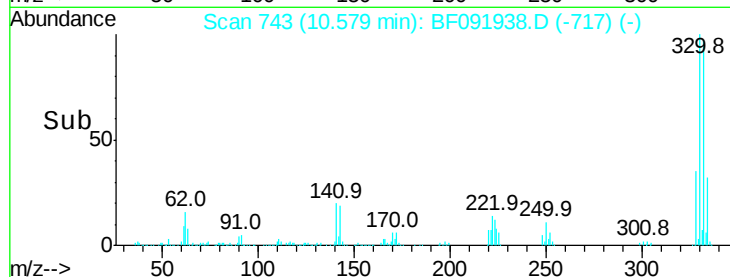
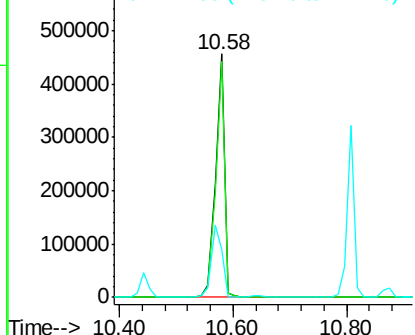
#41
 2,4,6-Tribromophenol
 Concen: 151.60 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

Tot Ion:330 Resp: 488164
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 34.4 34.1 51.1

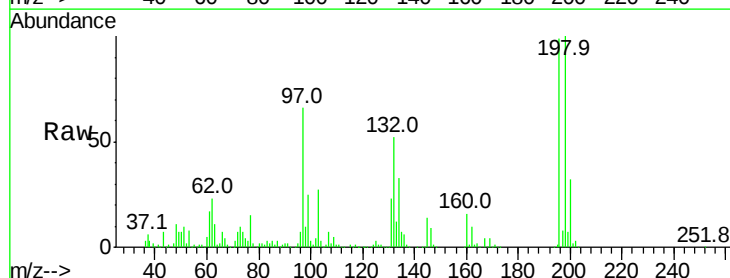


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

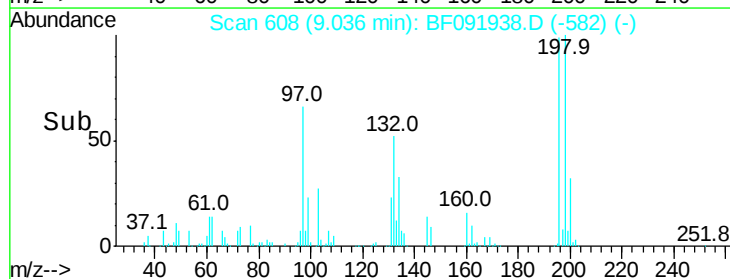
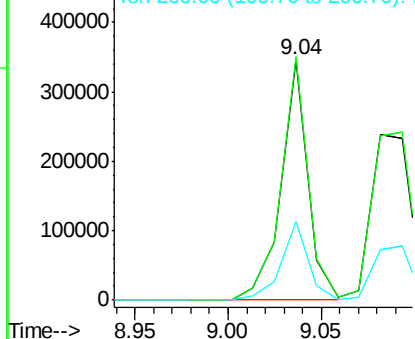


#42
 2,4,6-Trichlorophenol
 Concen: 50.78 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion:196 Resp: 349101
 Ion Ratio Lower Upper
 196 100
 198 101.5 82.1 123.1
 200 32.7 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

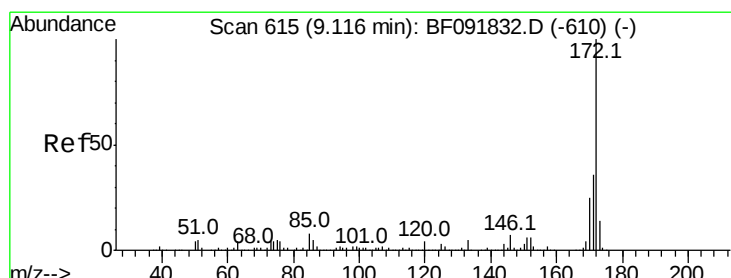
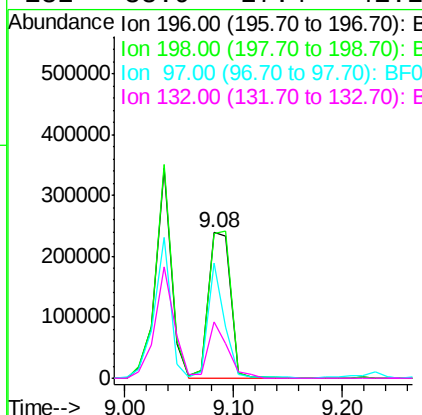
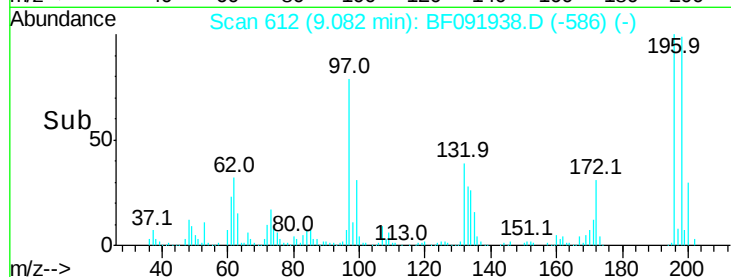
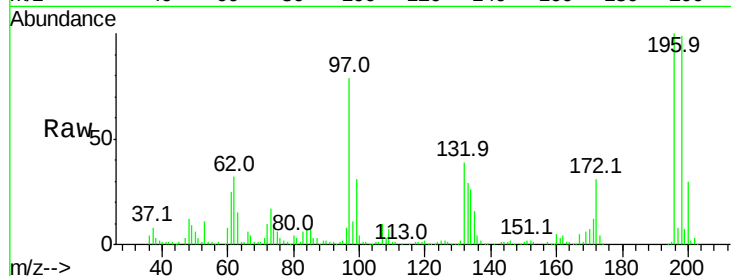




#43
 2,4,5-Trichlorophenol
 Concen: 48.01 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

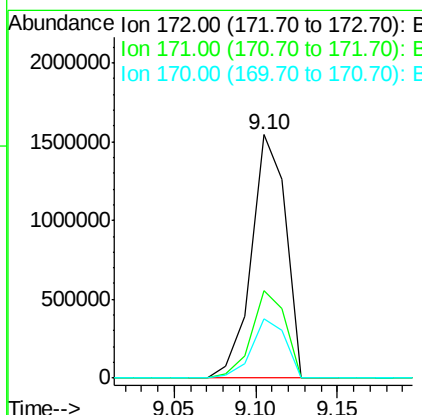
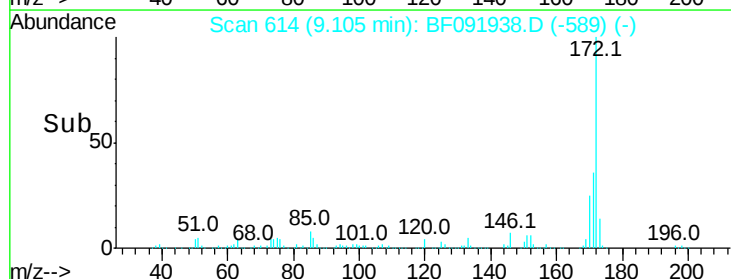
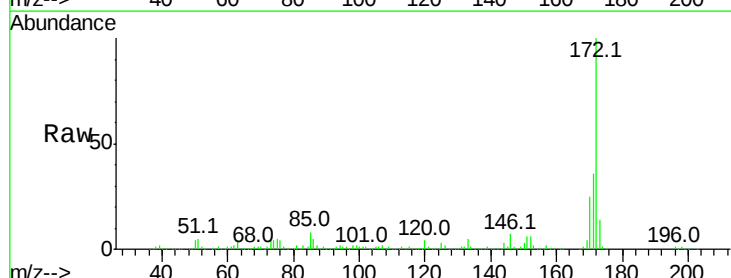
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

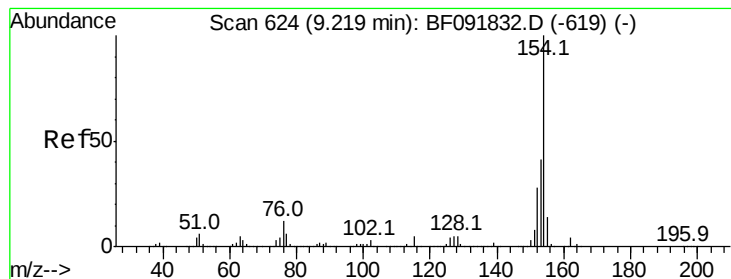
Tot Ion:	196	Resp:	339646
Ion	Ratio	Lower	Upper
196	100		
198	99.3	79.4	119.2
97	79.0	51.5	77.3#
132	38.9	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 124.21 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion:	172	Resp:	2245774
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.6	20.2	30.4





#45

1,1'-Biphenyl

Concen: 52.77 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

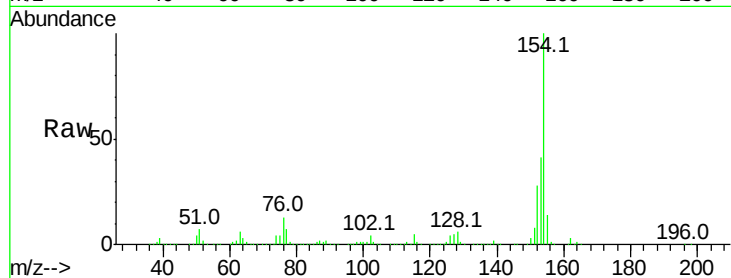
Tot Ion:154 Resp: 1405924

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

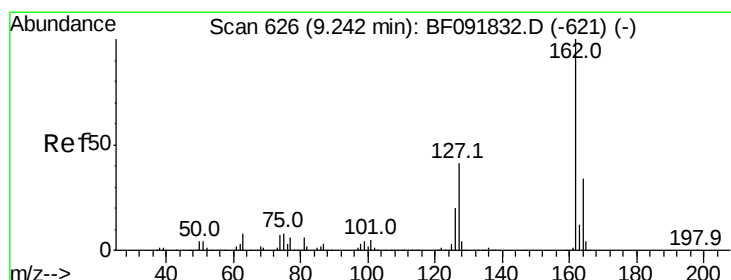
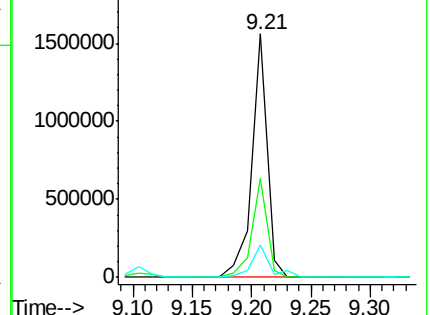
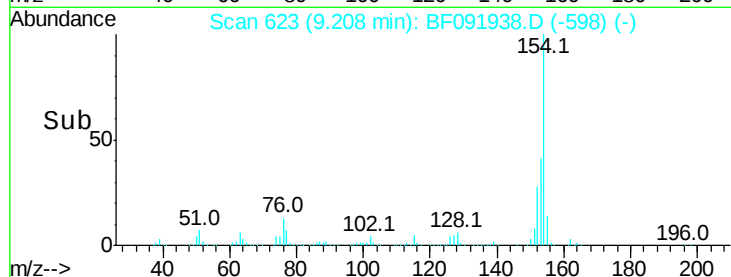
76 13.5 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.77 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

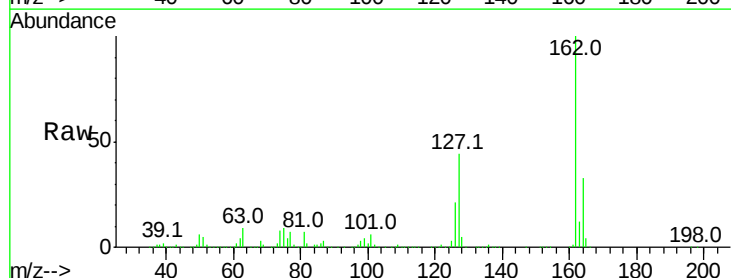
Tgt Ion:162 Resp: 1050009

Ion Ratio Lower Upper

162 100

127 43.5 30.7 46.1

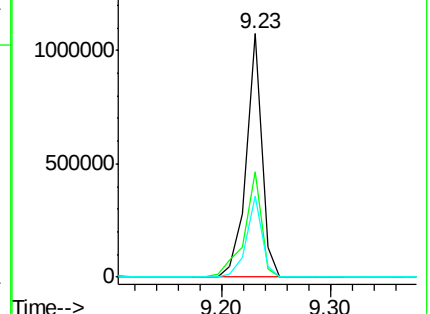
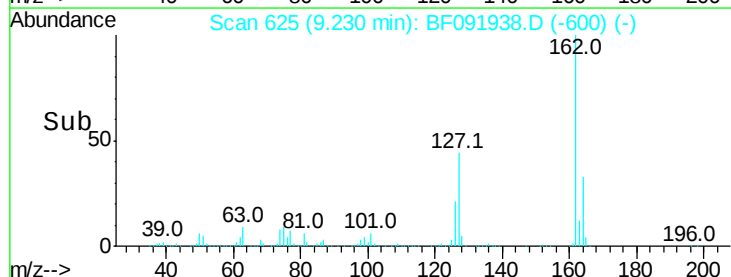
164 33.4 27.6 41.4

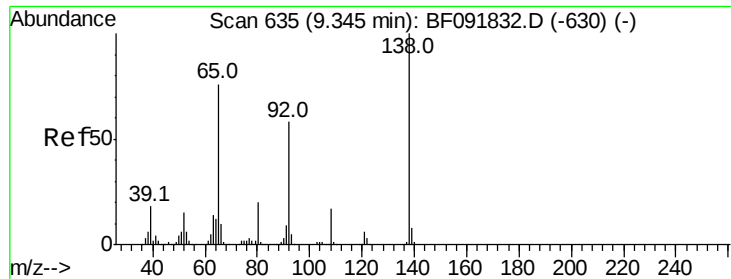


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

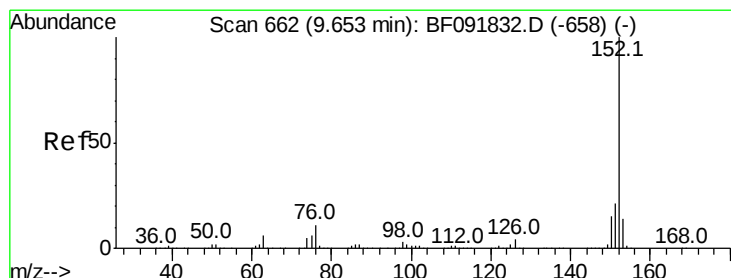
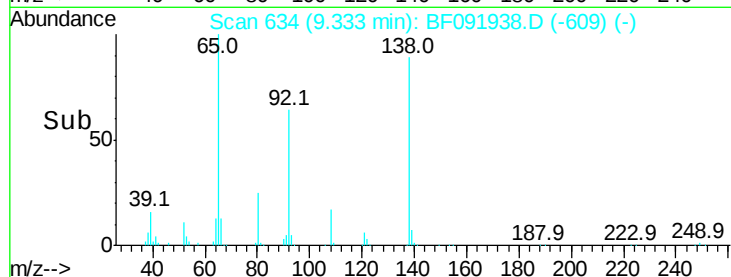
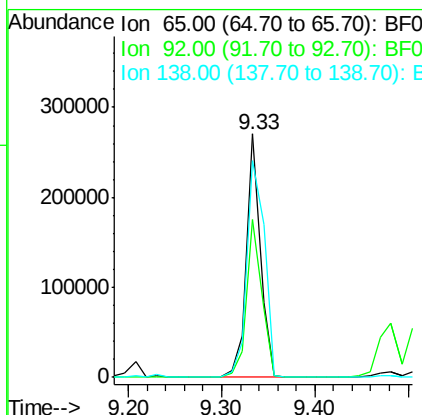
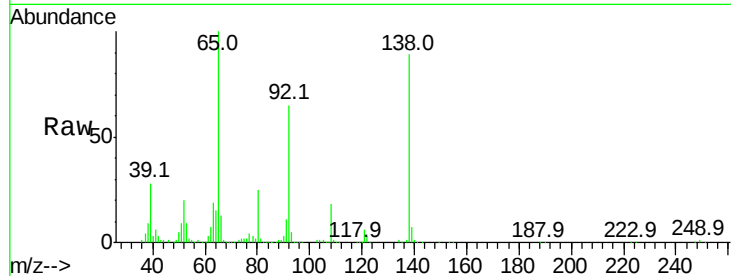




#47
2-Nitroaniline
Concen: 37.83 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

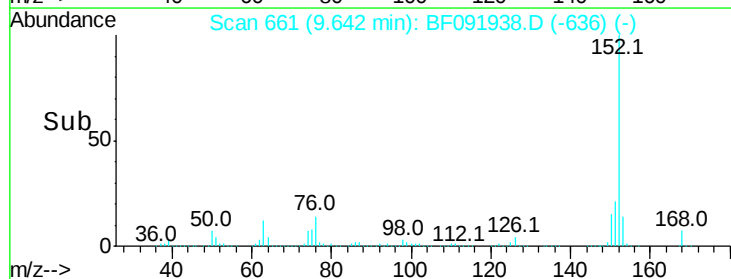
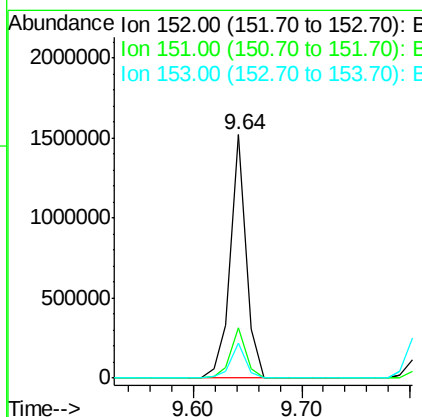
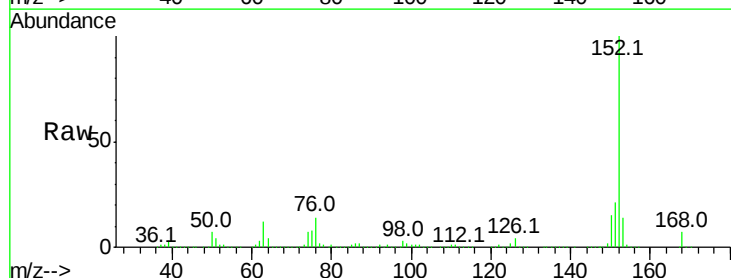
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

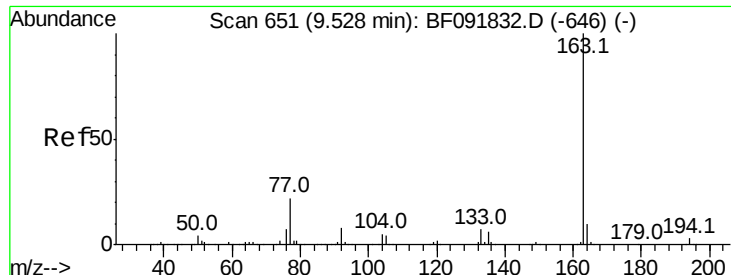
Tot Ion: 65 Resp: 284164
Ion Ratio Lower Upper
65 100
92 65.0 53.9 80.9
138 89.0 76.8 115.2



#48
Acenaphthylene
Concen: 46.95 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Tgt Ion: 152 Resp: 1523473
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 52.60 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

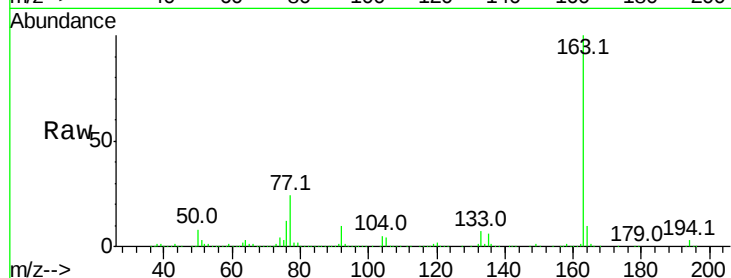
Tot Ion:163 Resp: 1308972

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

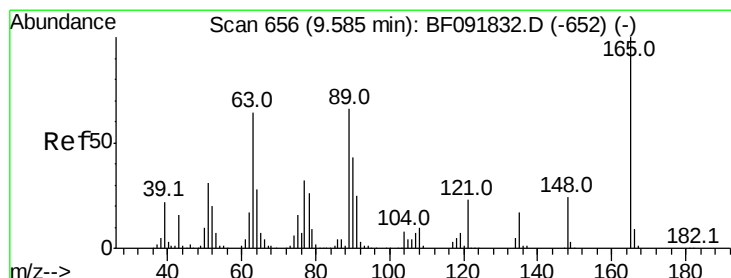
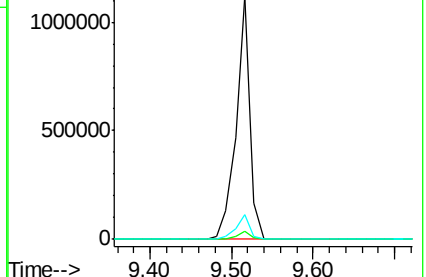
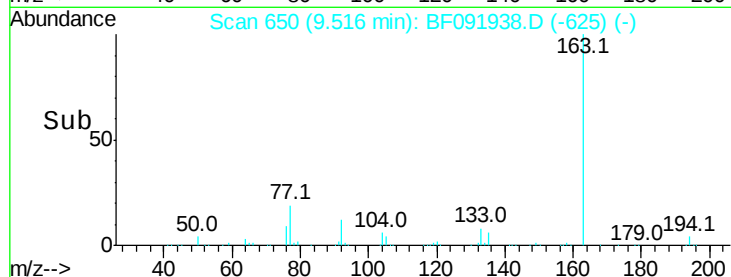
164 10.3 8.0 12.0



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: 51.49 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

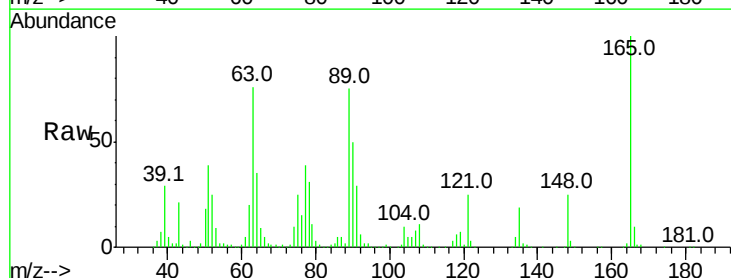
Tgt Ion:165 Resp: 280469

Ion Ratio Lower Upper

165 100

63 76.0 36.2 54.4#

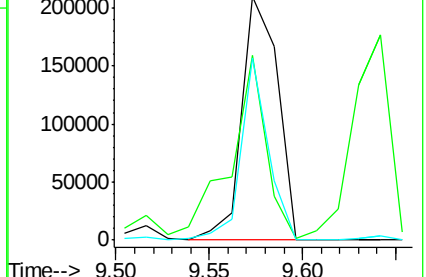
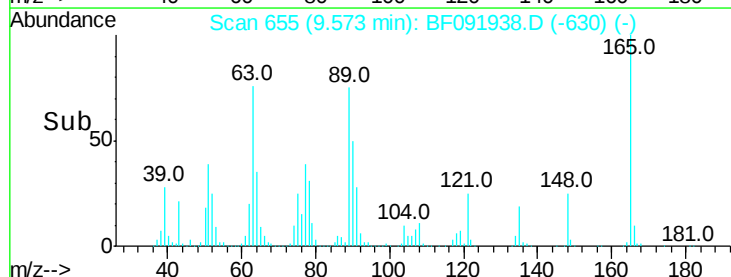
89 74.8 40.2 60.4#

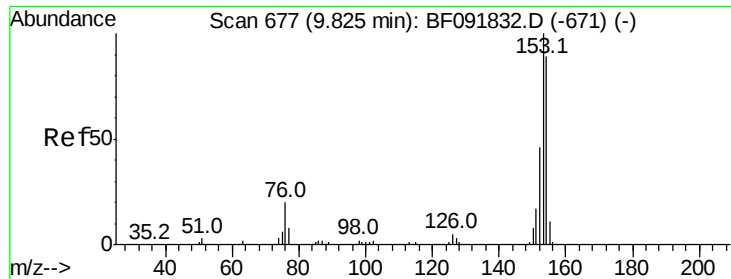


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.44 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

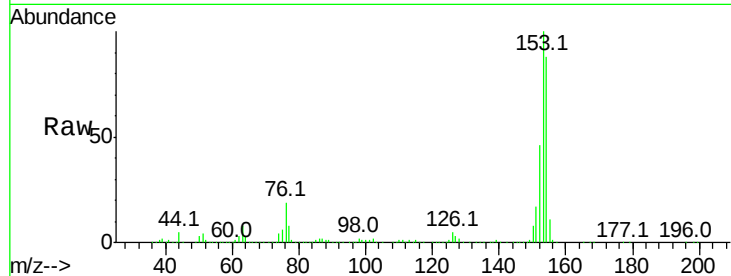
Tot Ion:154 Resp: 977667

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

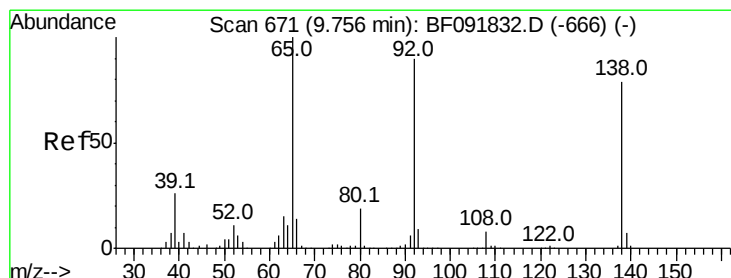
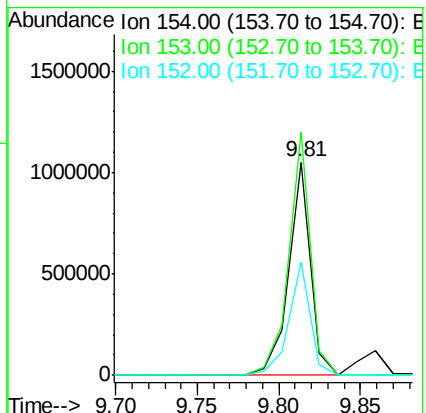
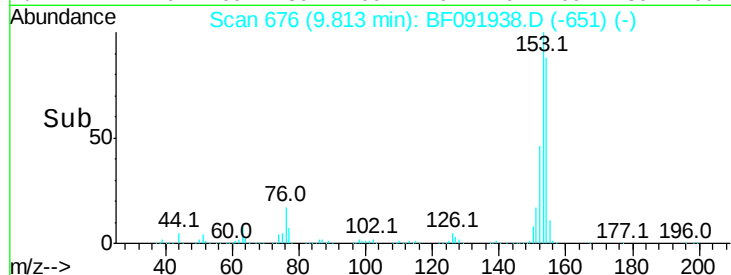
152 52.8 41.6 62.4



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: 16.89 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

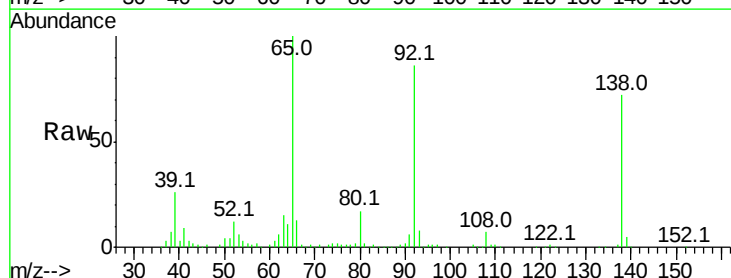
Tgt Ion:138 Resp: 113830

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

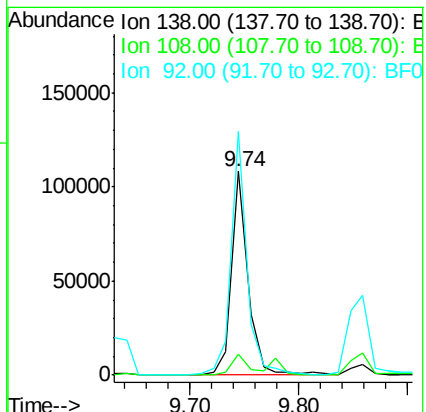
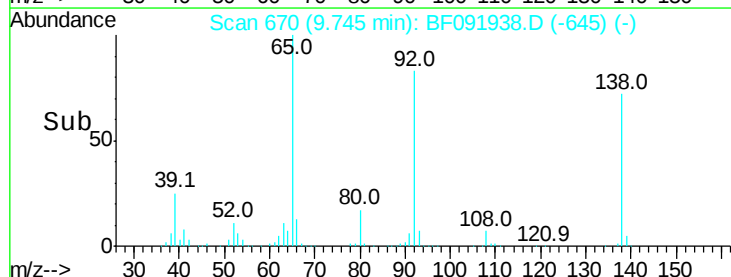
92 119.6 97.8 146.8



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

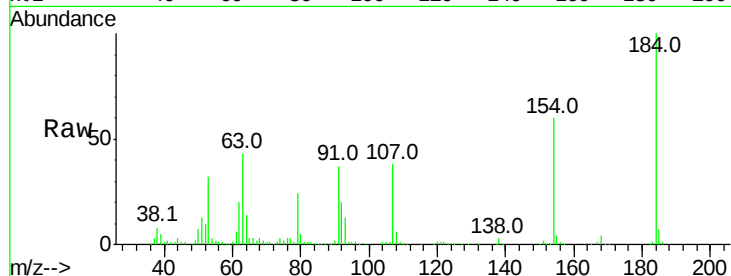




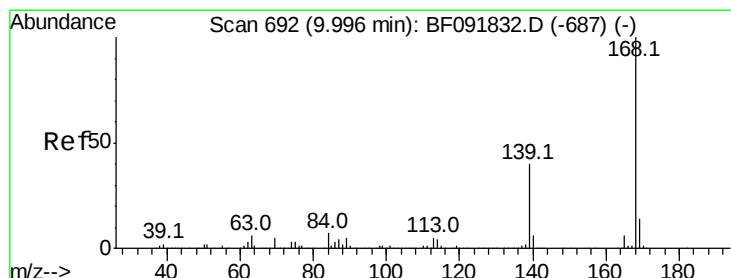
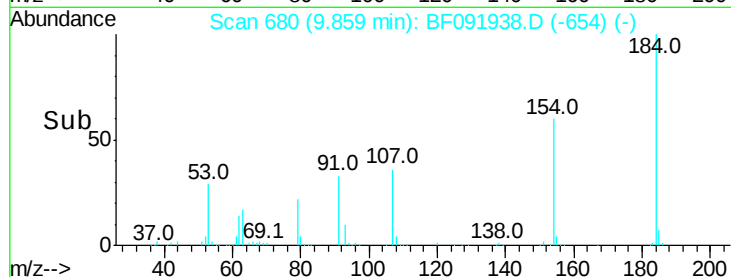
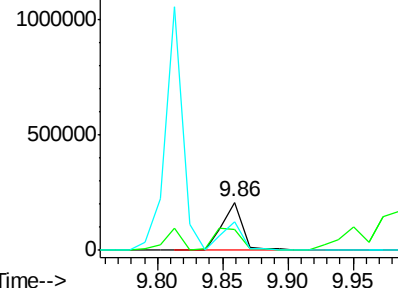
#53
2,4-Dinitrophenol
Concen: 76.05 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

Tot Ion:184 Resp: 230485
Ion Ratio Lower Upper
184 100
63 43.1 28.4 42.6#
154 59.8 44.3 66.5

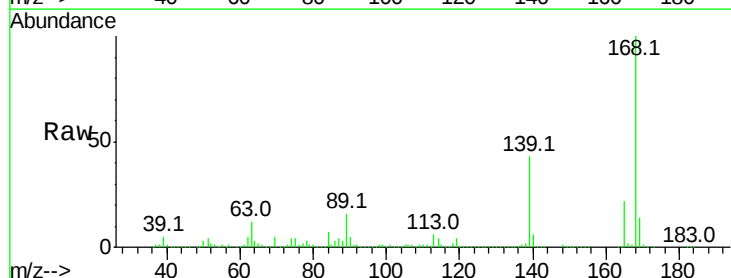


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

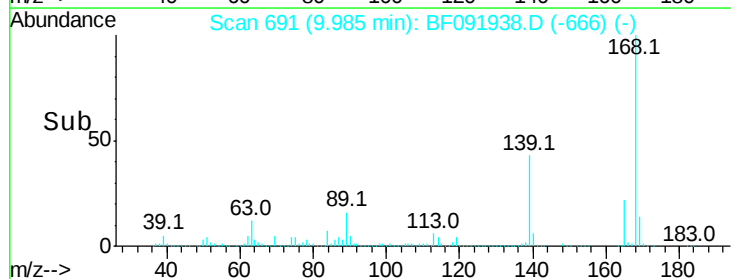
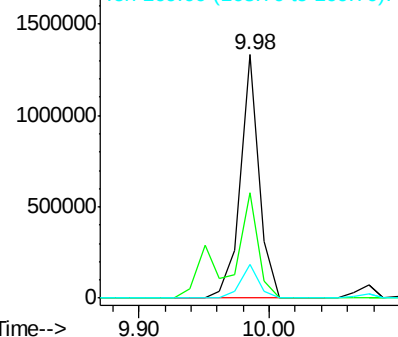


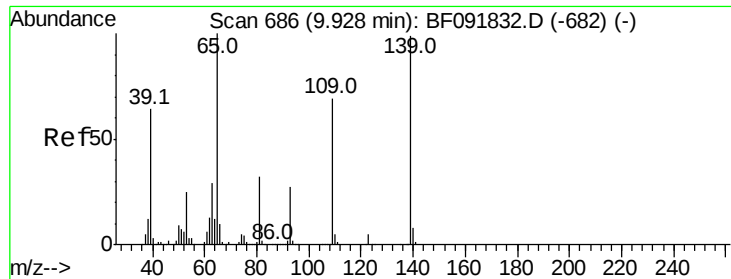
#54
Dibenzofuran
Concen: 44.95 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Tgt Ion:168 Resp: 1335210
Ion Ratio Lower Upper
168 100
139 43.3 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: 67.24 ng/mL

RT: 9.95 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleID :

IDW-01-122116MS

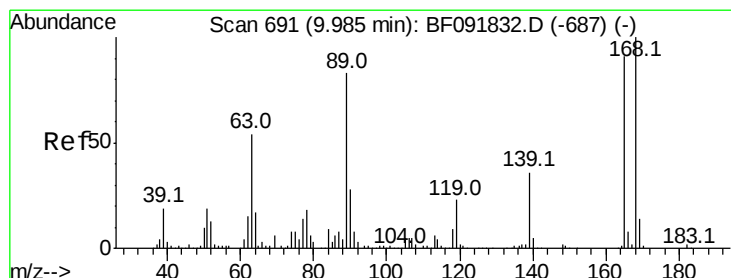
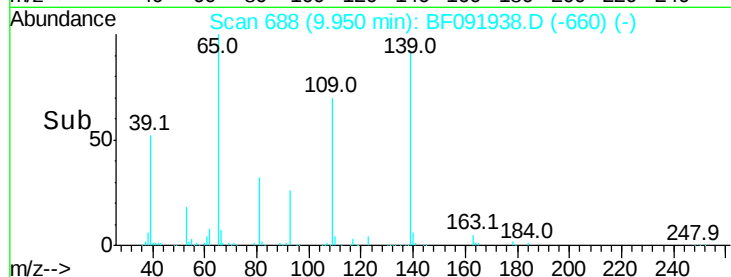
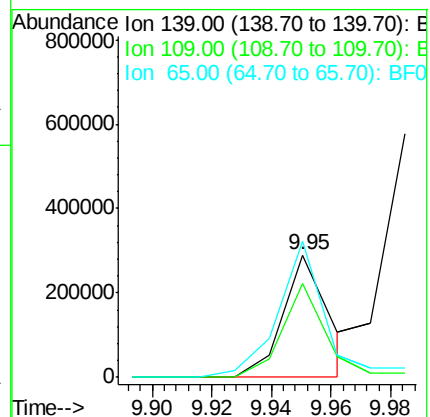
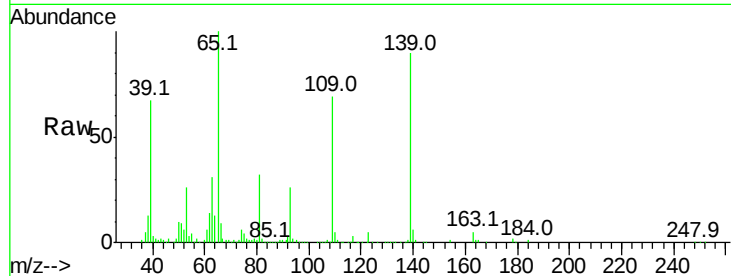
Tot Ion:139 Resp: 307752

Ion Ratio Lower Upper

139 100

109 76.7 52.2 92.2

65 110.7 85.8 125.8



#56

2,4-Dinitrotoluene

Concen: 54.80 ng/mL

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Tgt Ion:165 Resp: 374640

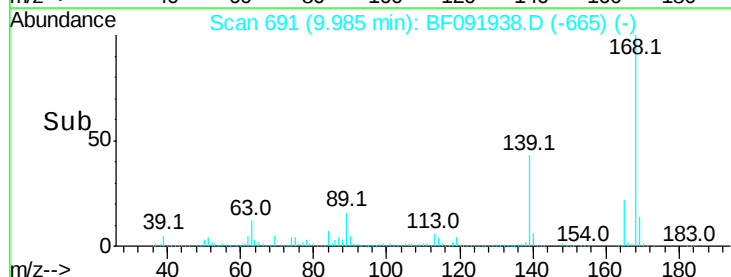
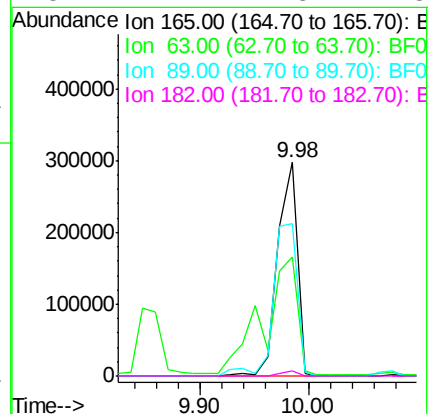
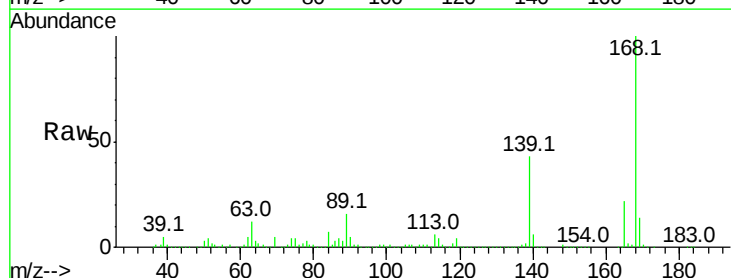
Ion Ratio Lower Upper

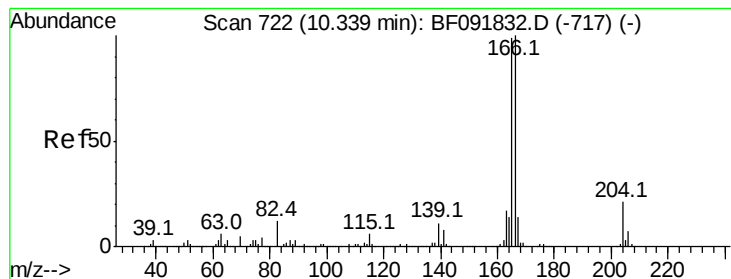
165 100

63 56.0 40.2 60.4

89 71.6 62.5 93.7

182 2.1 1.8 2.8





#57

Fluorene

Concen: 47.52 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

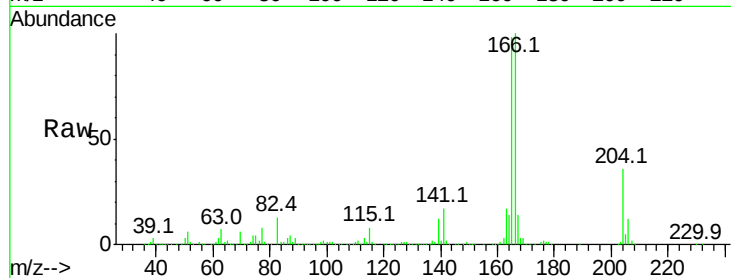
Tot Ion:166 Resp: 1027059

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

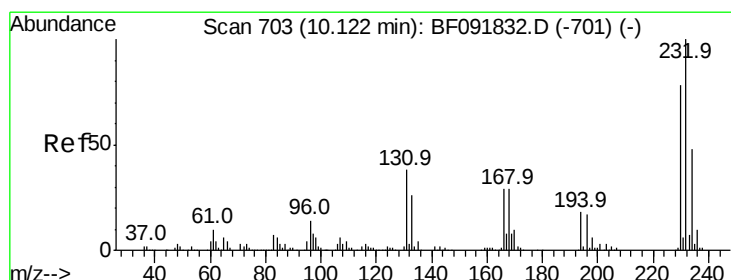
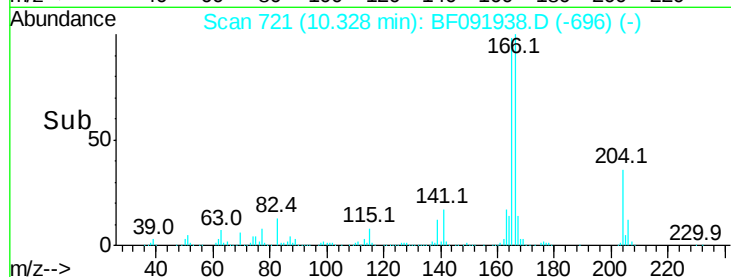
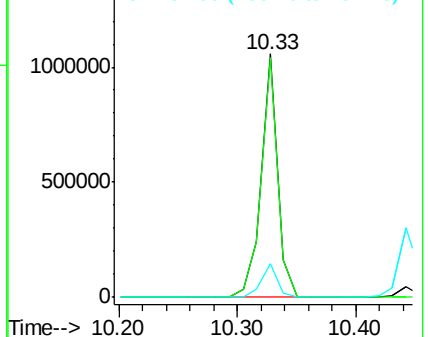
167 14.1 10.8 16.2



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: 48.86 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Tgt Ion:232 Resp: 273385

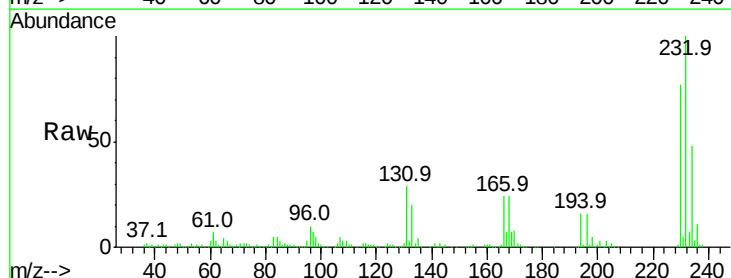
Ion Ratio Lower Upper

232 100

131 50.7 40.1 60.1

130 2.5 1.8 2.8

166 33.1 26.6 39.8

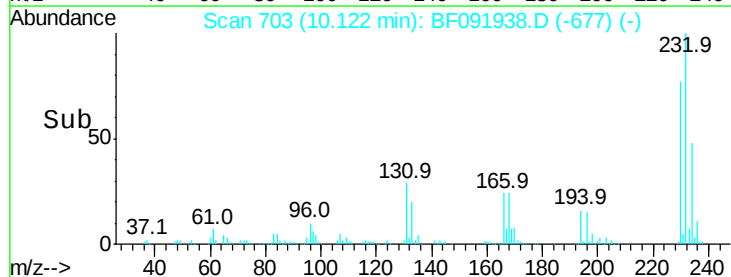
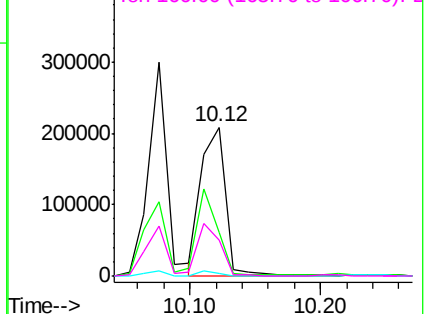


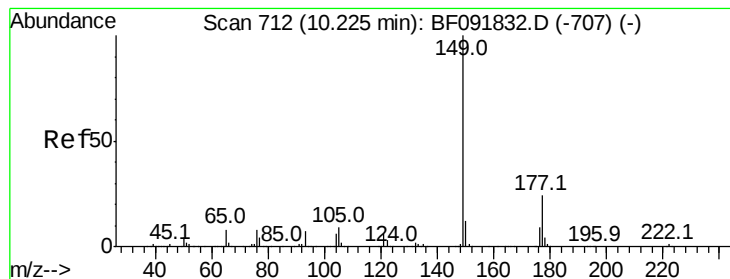
Abundance Ion 232.00 (231.70 to 232.70): E

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: 53.52 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

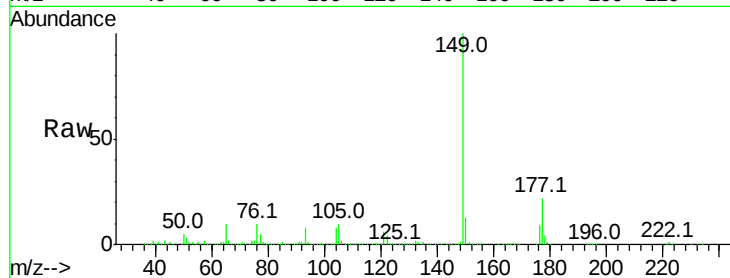
Tot Ion:149 Resp: 1293551

Ion Ratio Lower Upper

149 100

177 22.2 16.6 25.0

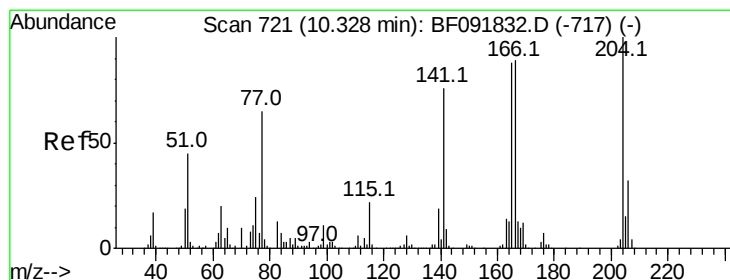
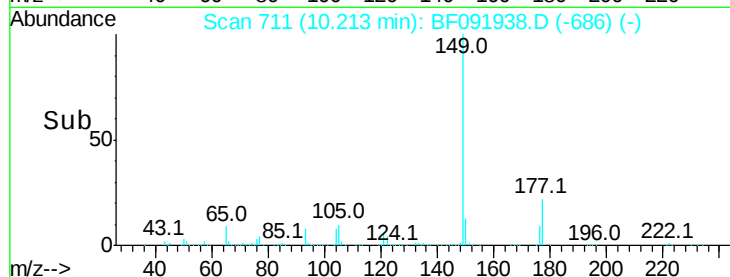
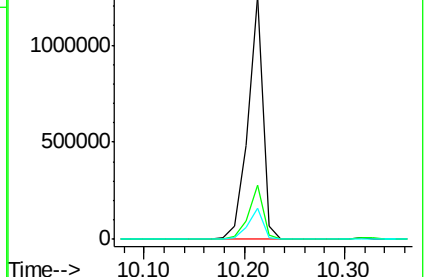
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 54.40 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

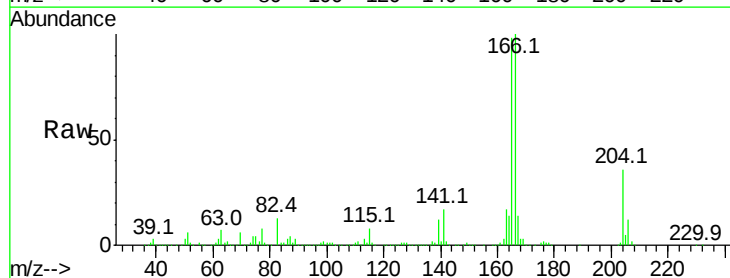
Tgt Ion:204 Resp: 514779

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

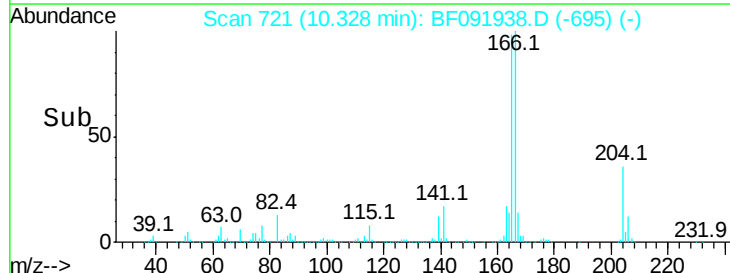
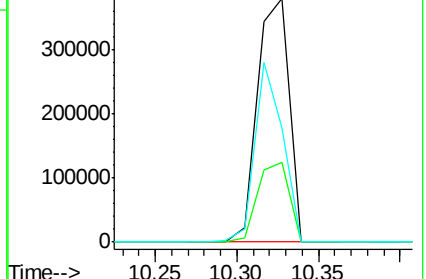
141 47.0 59.4 89.0#

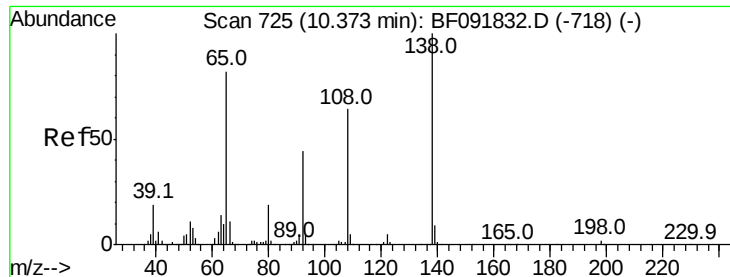


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.76 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

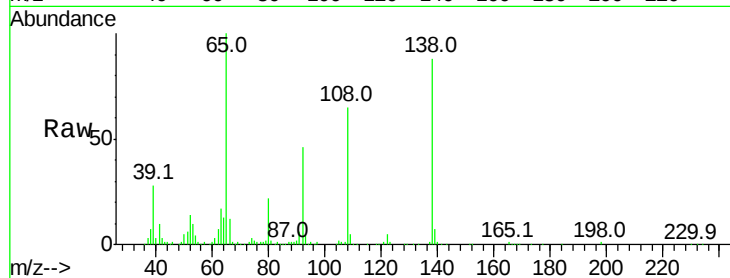
Tot Ion:138 Resp: 186927

Ion Ratio Lower Upper

138 100

92 52.5 31.7 71.7

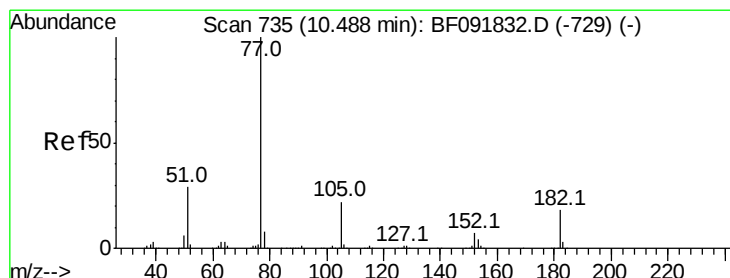
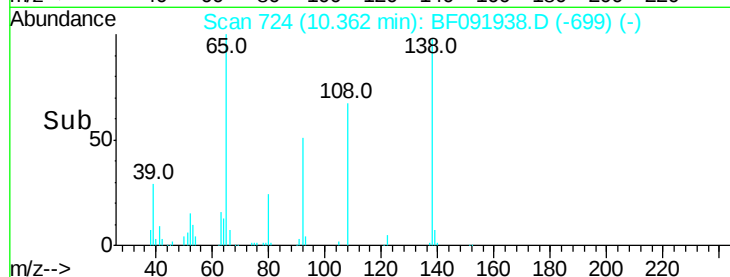
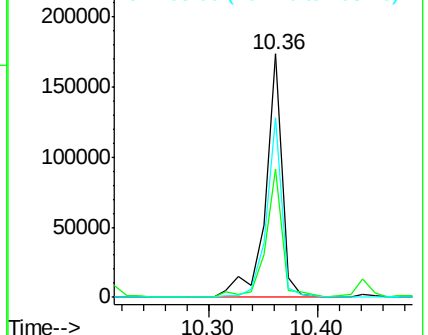
108 73.9 52.6 92.6



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: 48.53 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Tgt Ion: 77 Resp: 1291401

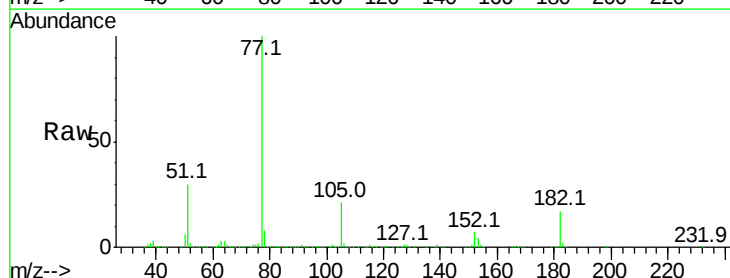
Ion Ratio Lower Upper

77 100

182 17.0 0.0 39.3

105 21.4 2.3 42.3

51 30.0 8.9 48.9

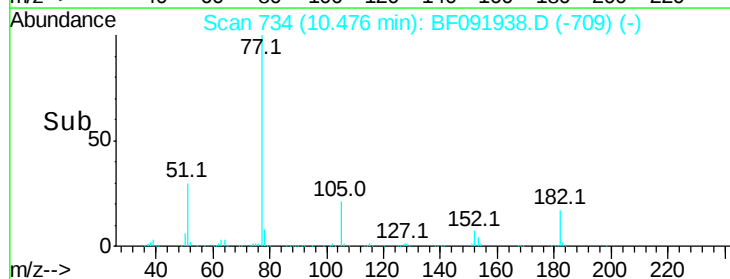
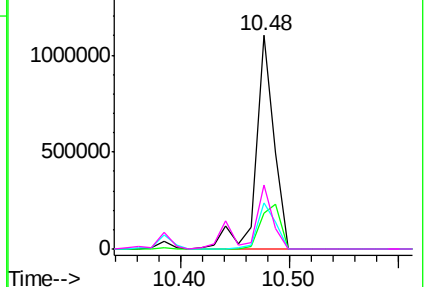


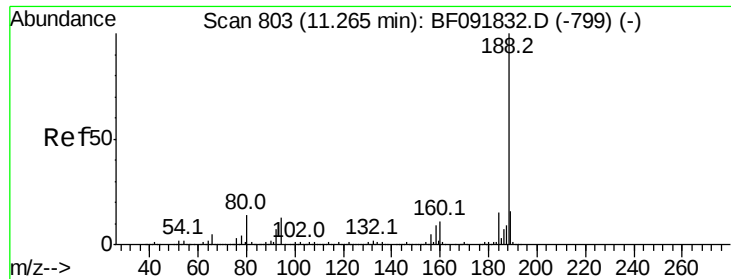
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

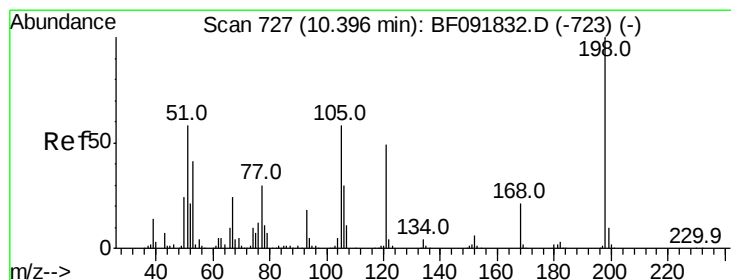
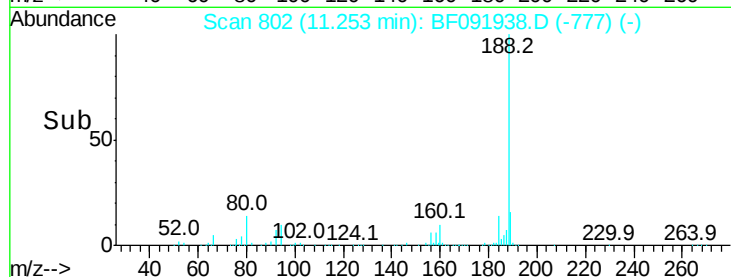
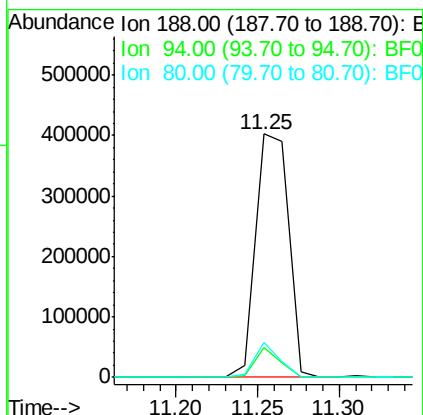
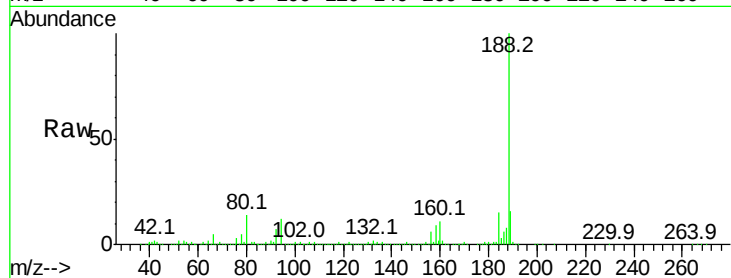




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

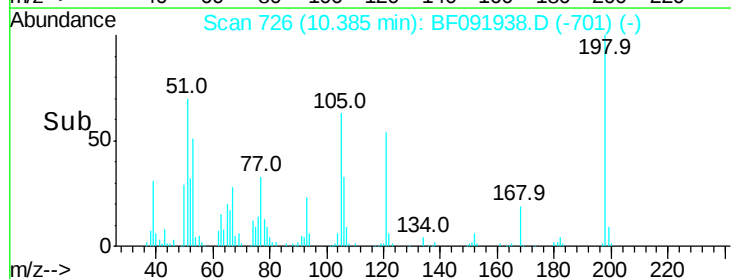
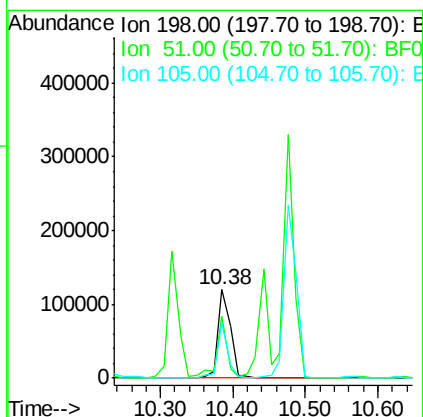
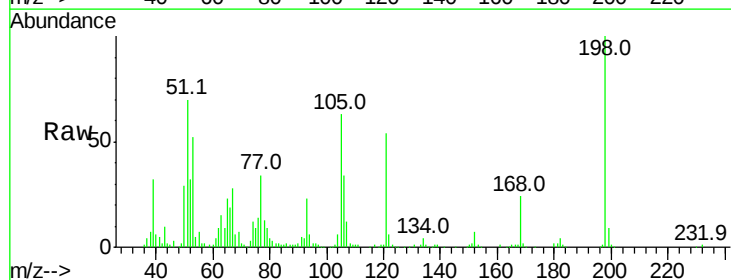
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

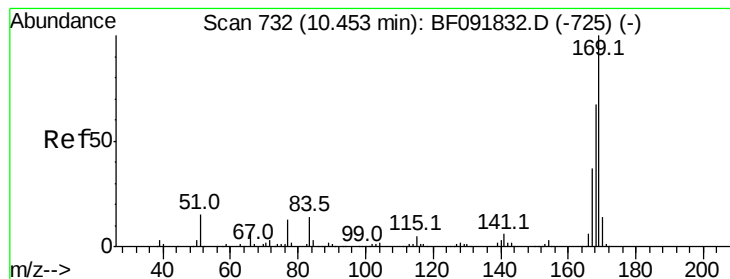
Tot Ion:188 Resp: 566822
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 14.2 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.55 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Tgt Ion:198 Resp: 145829
Ion Ratio Lower Upper
198 100
51 70.1 6.7 46.7#
105 62.6 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 52.01 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

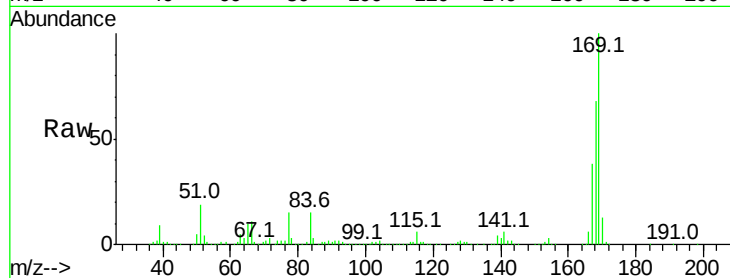
Tot Ion:169 Resp: 874722

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

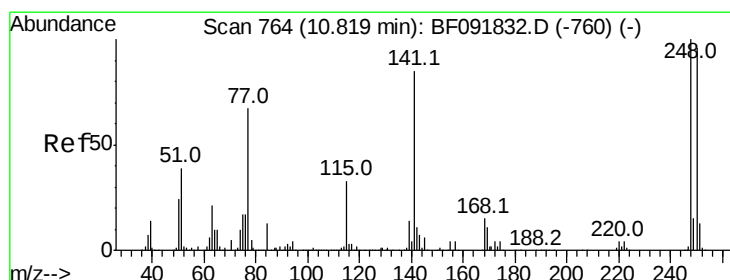
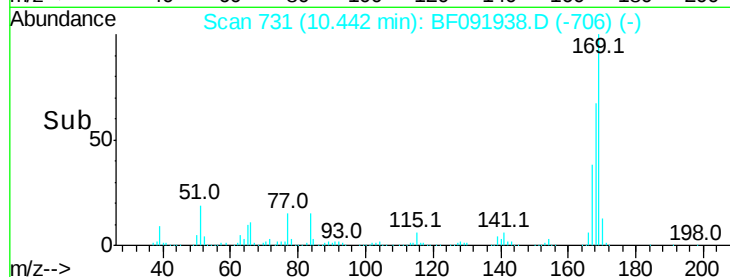
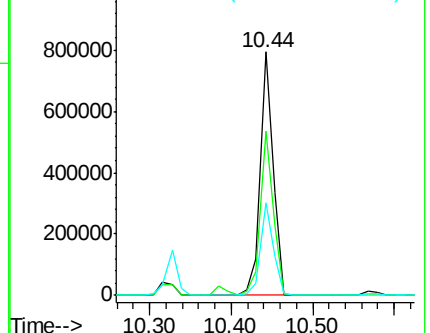
167 37.8 30.2 45.4



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: 53.42 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

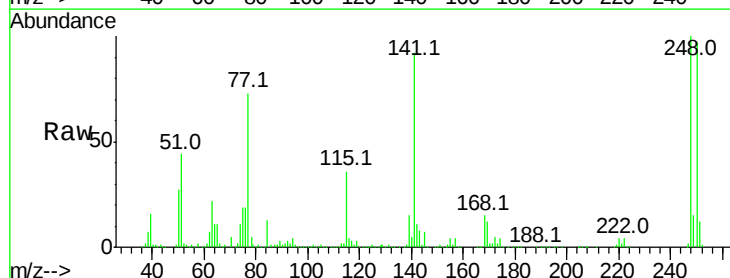
Tgt Ion:248 Resp: 314954

Ion Ratio Lower Upper

248 100

250 96.5 76.9 115.3

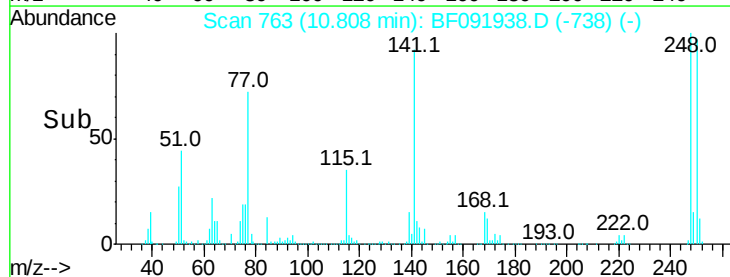
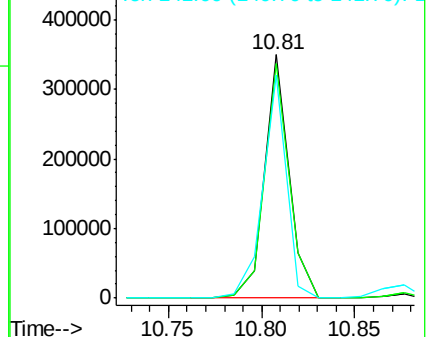
141 91.9 68.2 102.4



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

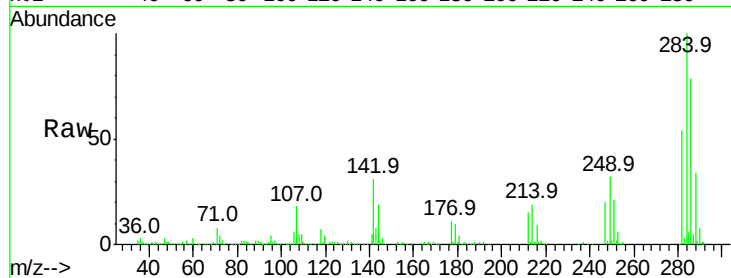




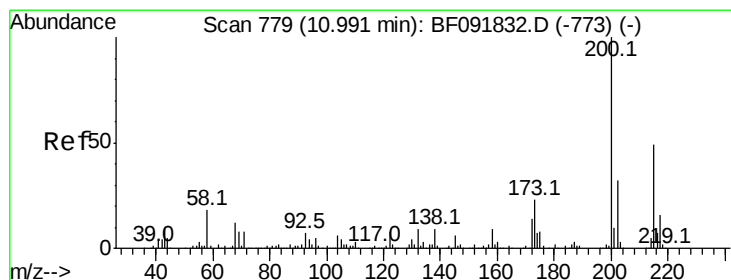
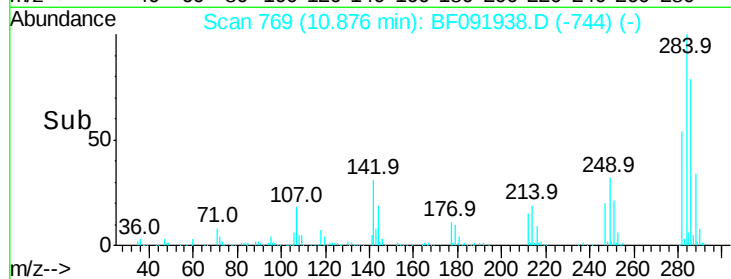
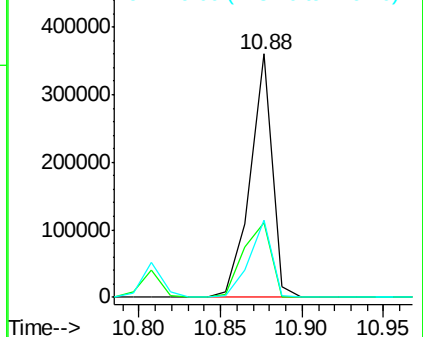
#67
Hexachlorobenzene
Concen: 53.54 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

Tot Ion:284 Resp: 337435
Ion Ratio Lower Upper
284 100
142 30.9 22.6 33.8
249 31.6 25.4 38.0

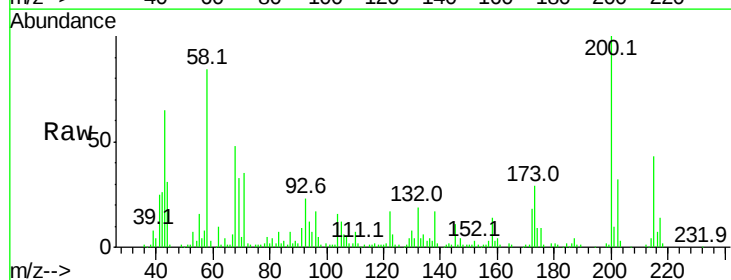


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

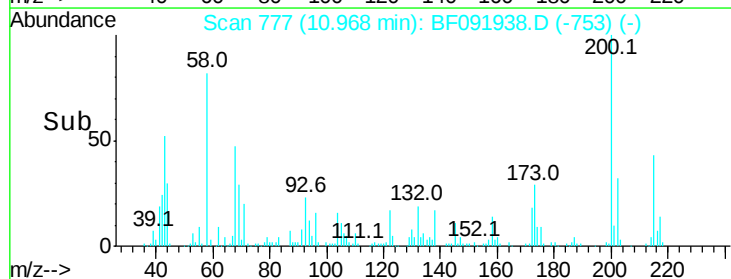
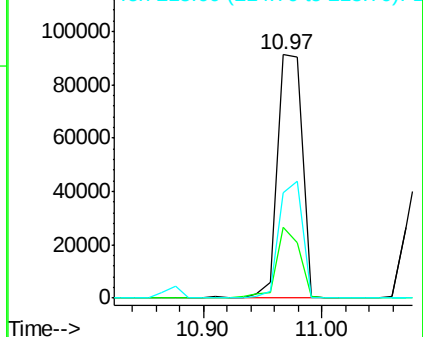


#68
Atrazine
Concen: 24.11 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Tgt Ion:200 Resp: 130788
Ion Ratio Lower Upper
200 100
173 29.3 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

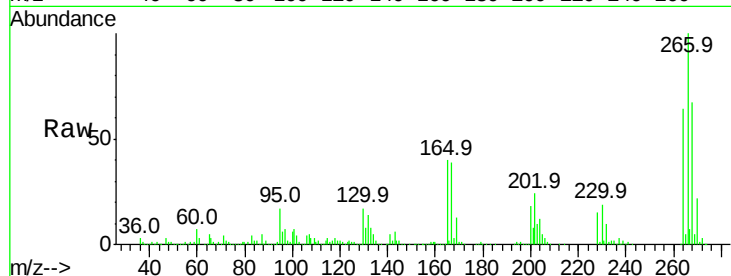




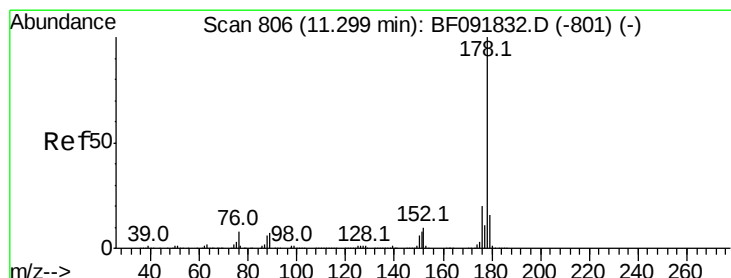
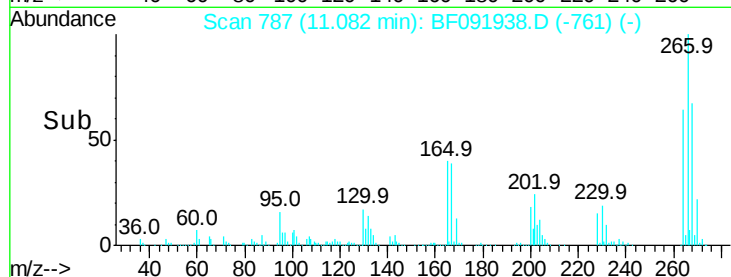
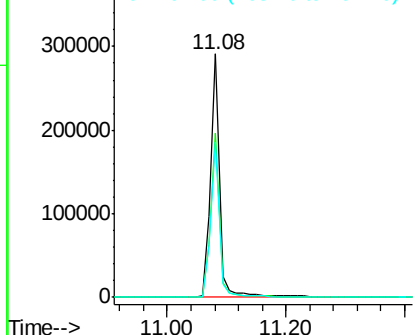
#69
 Pentachlorophenol
 Concen: 101.50 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.3	53.3	79.9
264	63.5	50.3	75.5

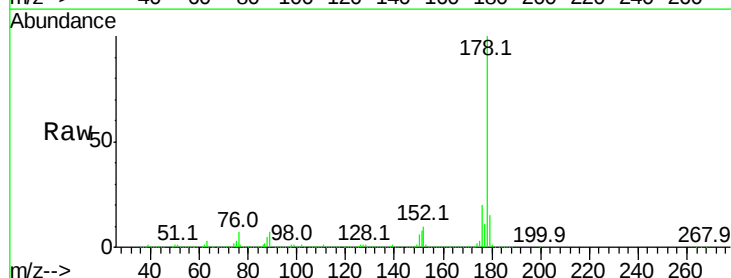


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

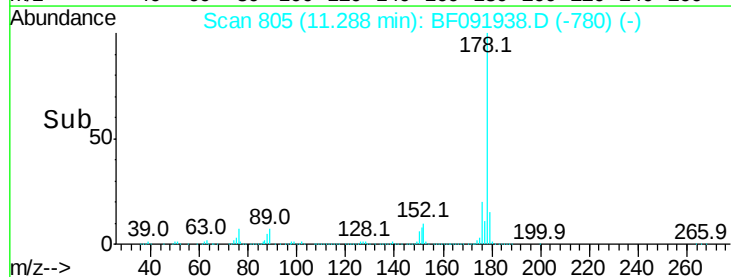
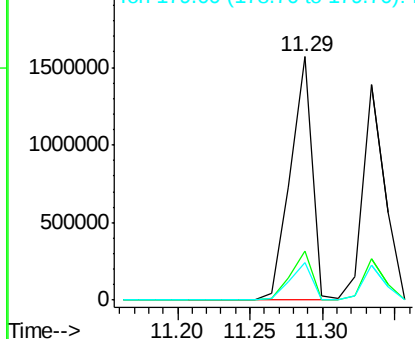


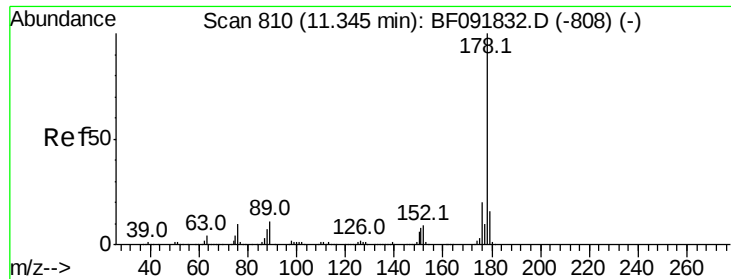
#70
 Phenanthrene
 Concen: 53.35 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.3	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

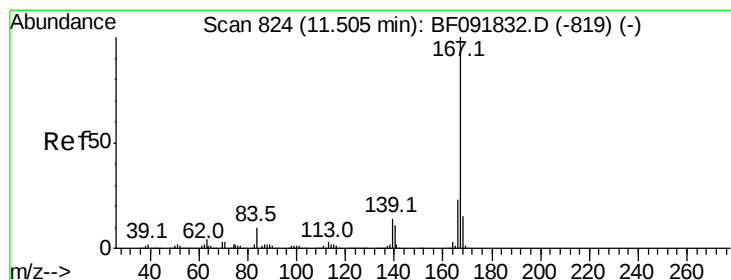
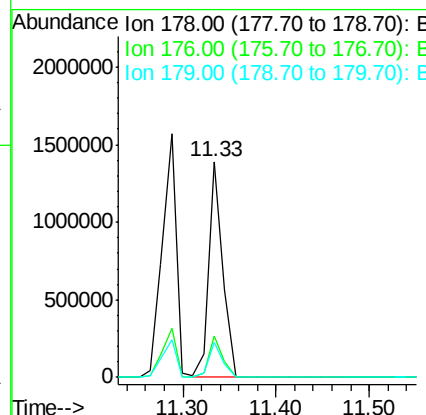
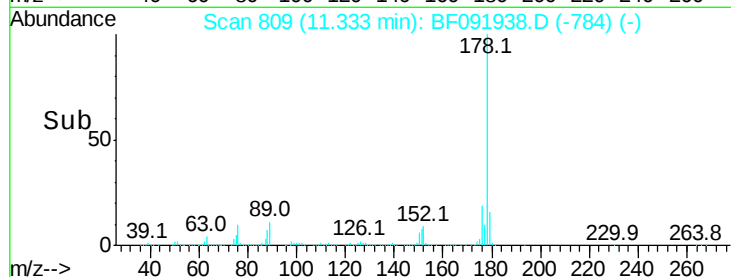
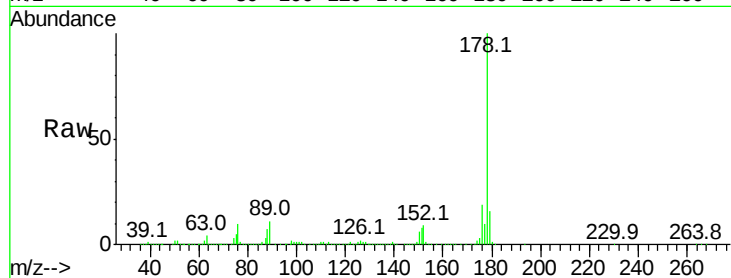




#71
 Anthracene
 Concen: 60.38 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

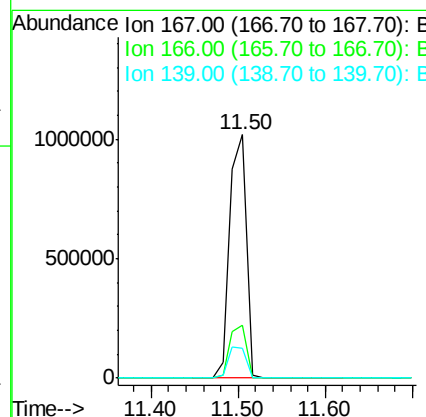
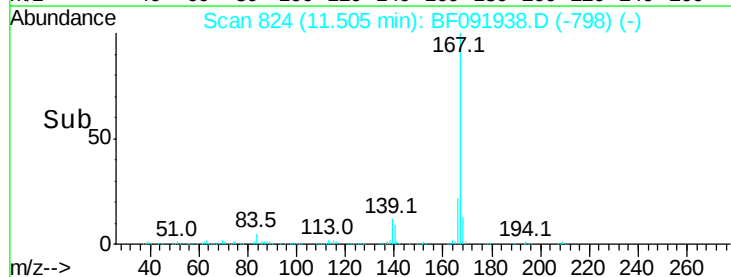
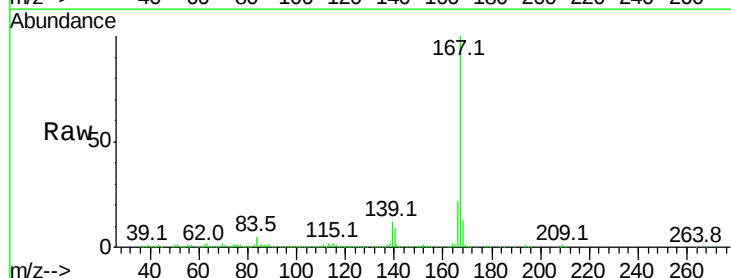
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

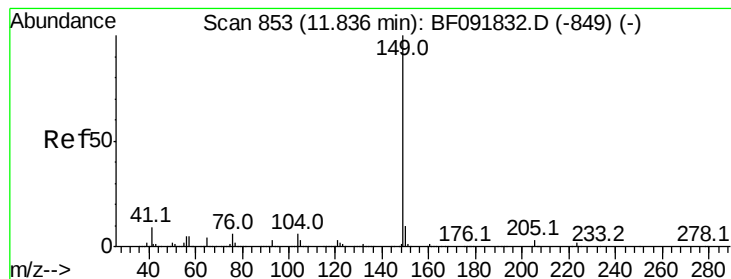
Tot Ion:178 Resp: 1454642
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.3 13.2 19.8



#72
 Carbazole
 Concen: Below Cal
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion:167 Resp: 1362823
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.2
 139 12.2 11.4 17.2





#73

Di-n-butylphthalate

Concen: 59.30 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

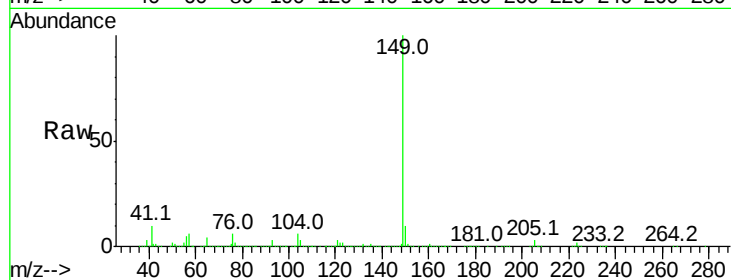
BNA_F

ClientSampleId :

IDW-01-122116MS

Tot Ion:149 Resp: 1688917

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	5.7	4.6	7.0

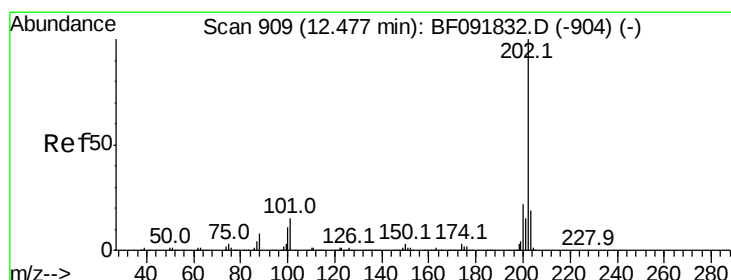
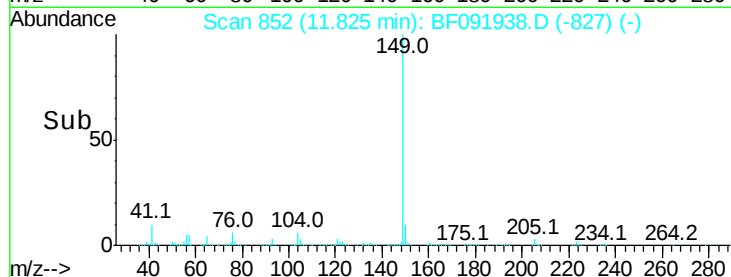


Abundance

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: 47.57 ng

RT: 12.47 min Scan# 908

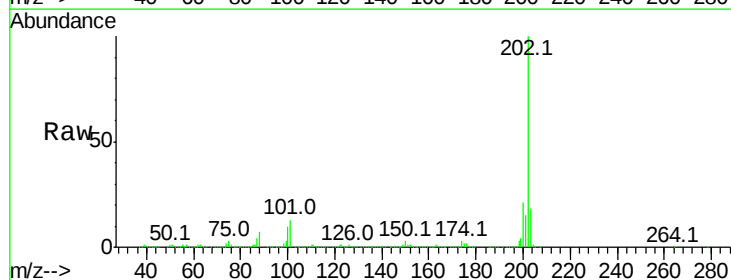
Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Tgt Ion:202 Resp: 1276777

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.6
203	18.2	0.0	38.7

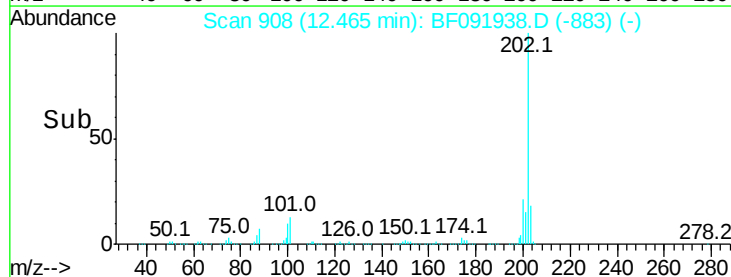


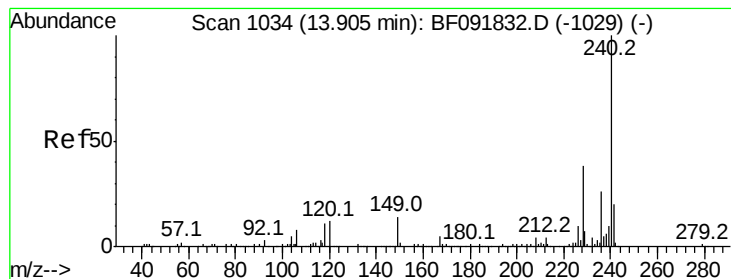
Abundance

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: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

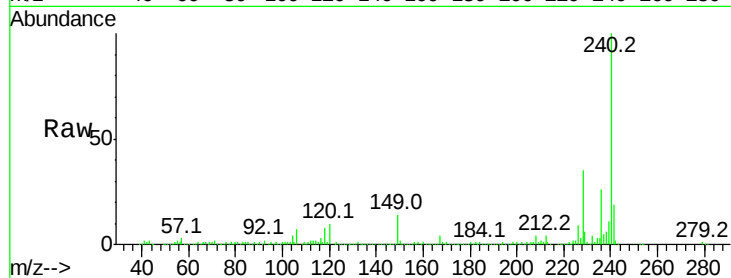
Tot Ion:240 Resp: 366374

Ion Ratio Lower Upper

240 100

120 9.6 12.9 19.3#

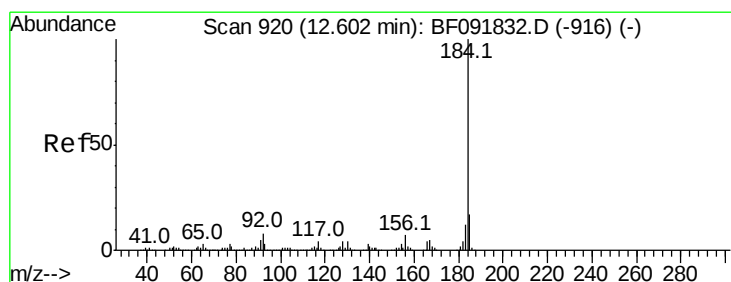
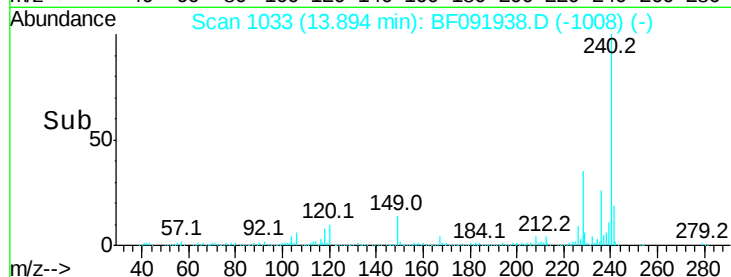
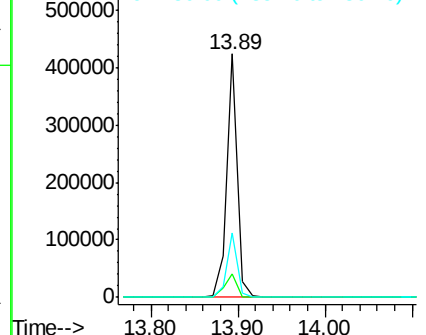
236 26.3 20.9 31.3



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: 12.81 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

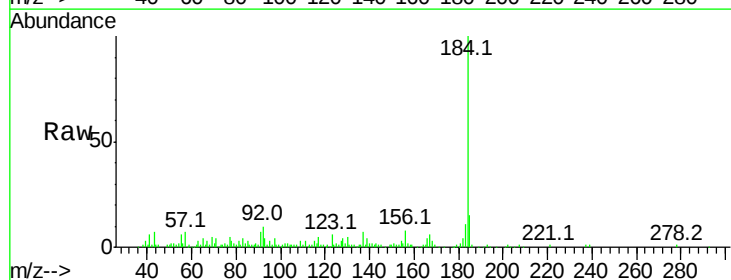
Tgt Ion:184 Resp: 152629

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

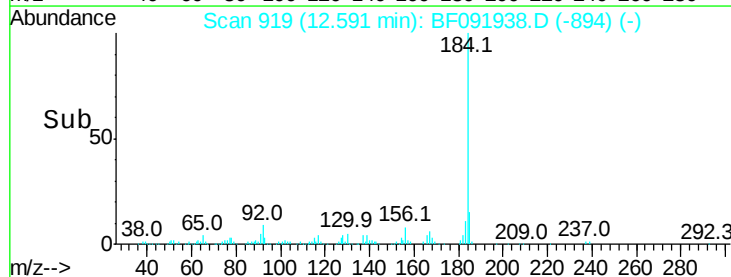
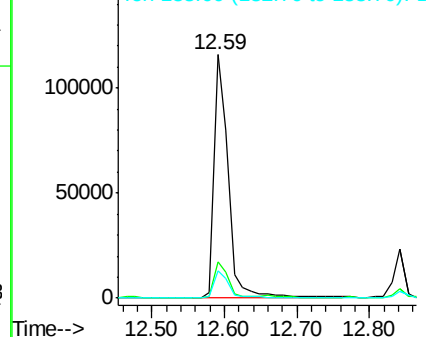
183 11.4 9.2 13.8

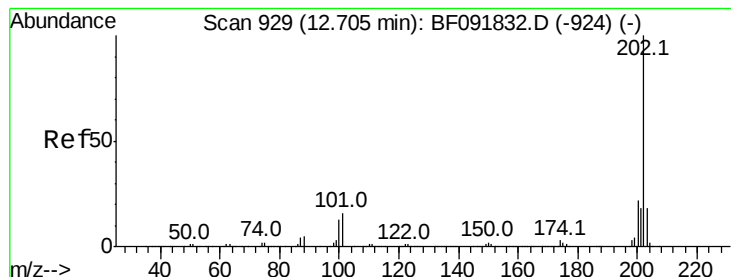


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.11 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

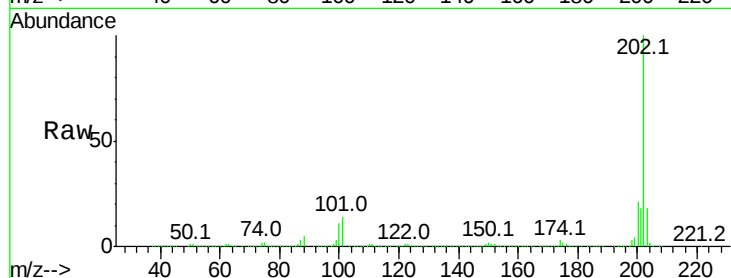
Tot Ion:202 Resp: 1266257

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

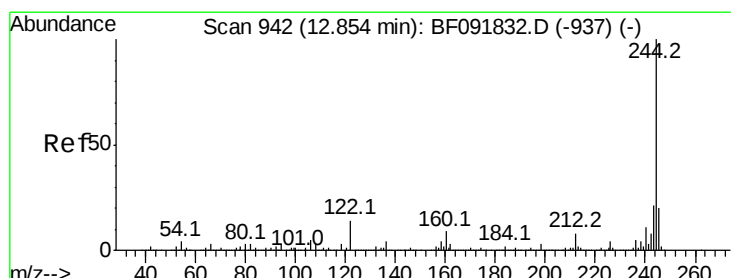
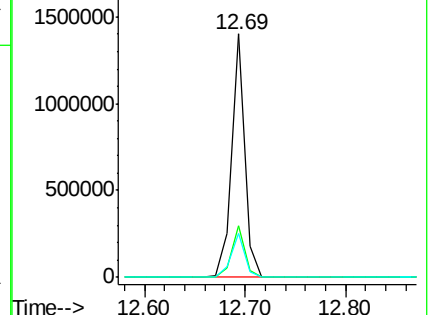
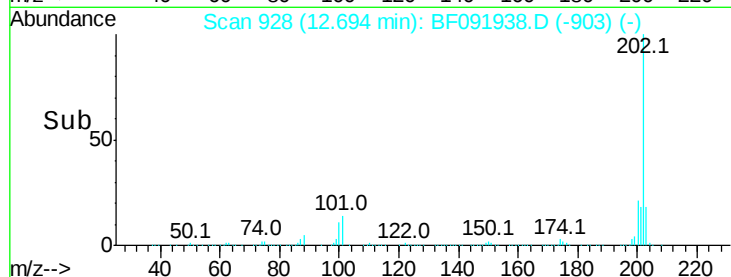
203 18.1 14.7 22.1



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: 97.40 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

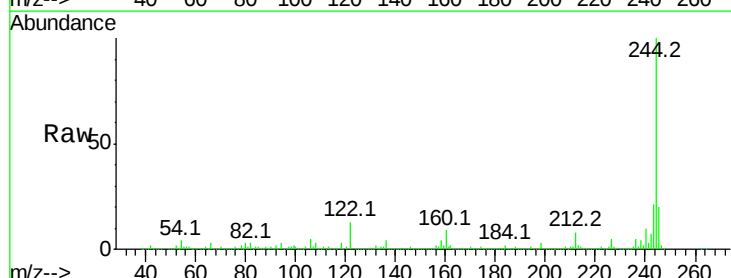
Tgt Ion:244 Resp: 1471340

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

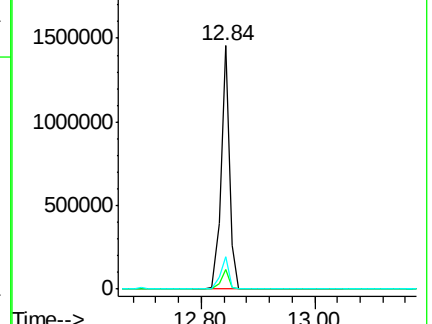
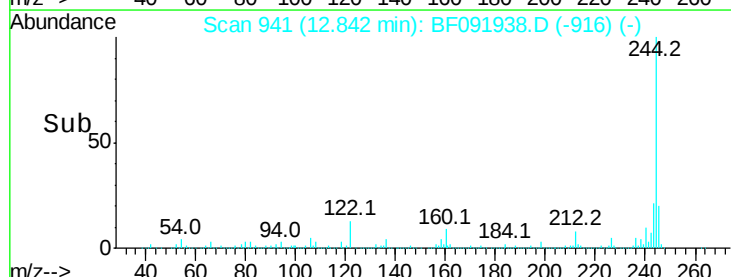
122 13.3 11.4 17.2

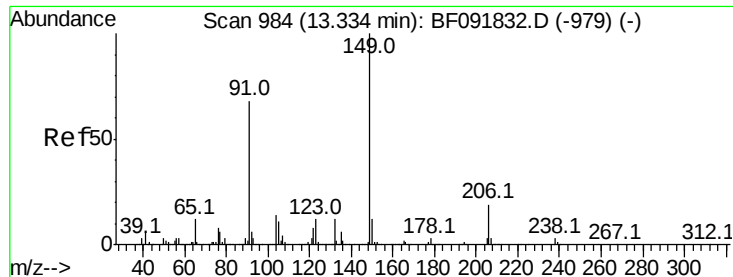


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

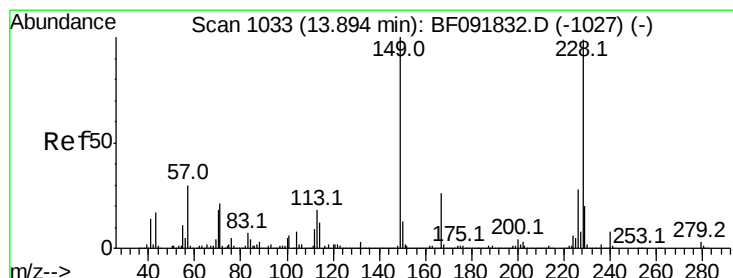
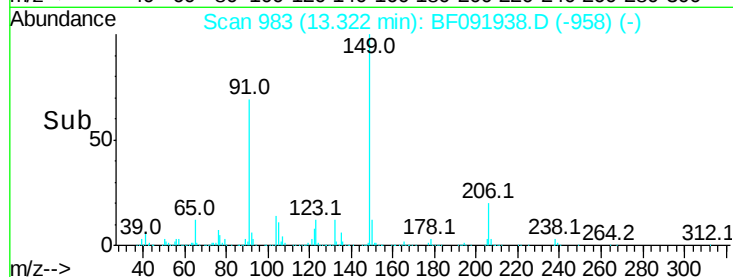
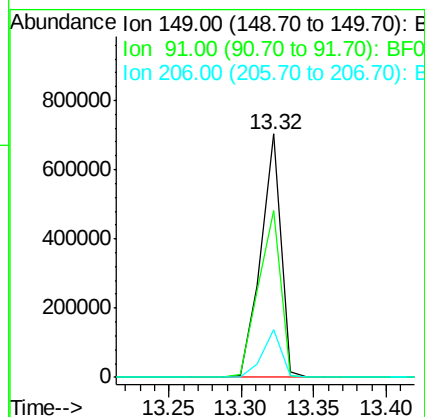
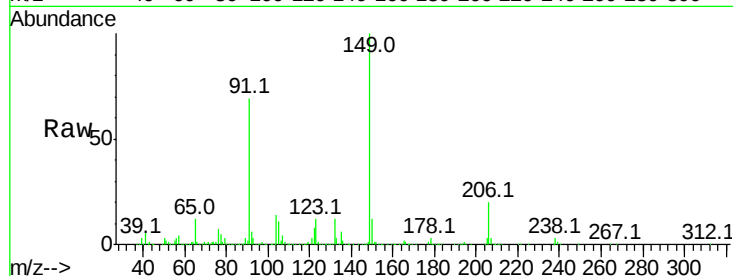




#79
Butylbenzylphthalate
Concen: 55.32 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

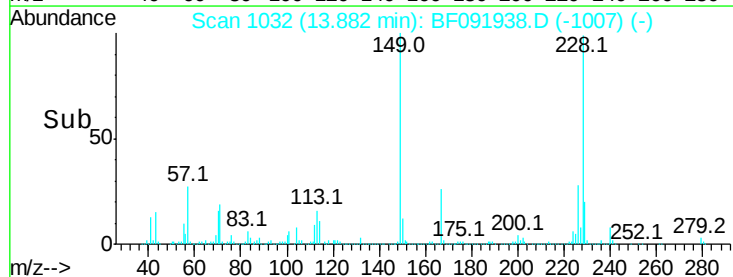
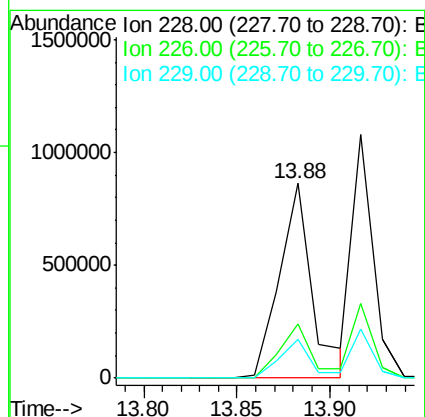
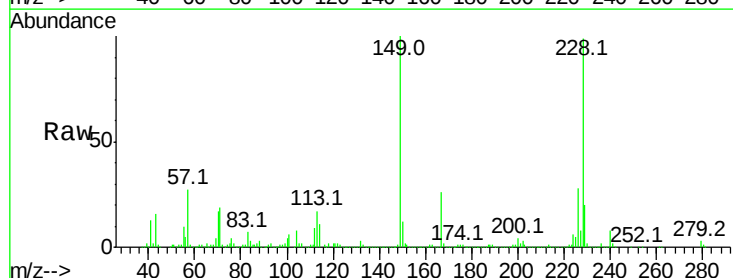
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

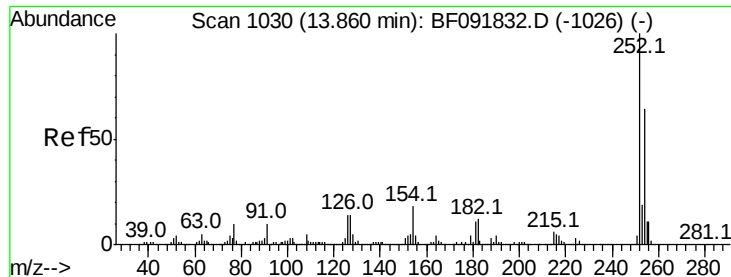
Tot Ion:149 Resp: 676304
Ion Ratio Lower Upper
149 100
91 68.6 63.9 95.9
206 19.8 14.6 21.8



#80
Benzo(a)anthracene
Concen: 51.07 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Tgt Ion:228 Resp: 1056243
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 20.2 16.2 24.4

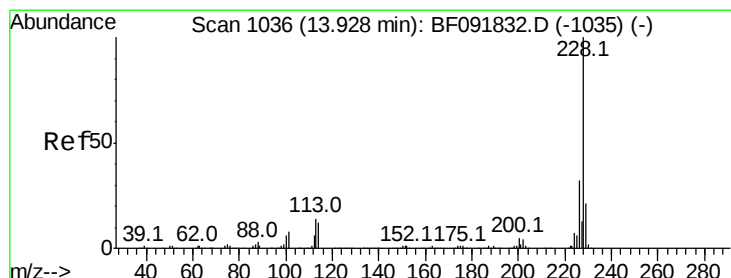
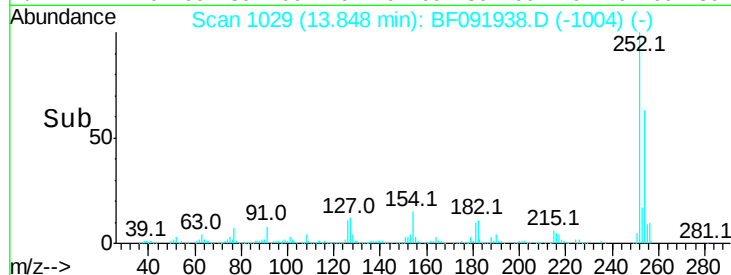
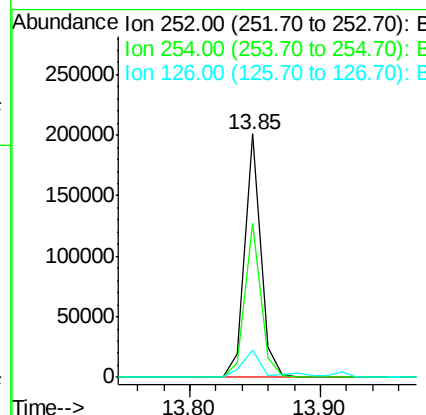




#81
 3,3'-Dichlorobenzidine
 Concen: 21.95 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

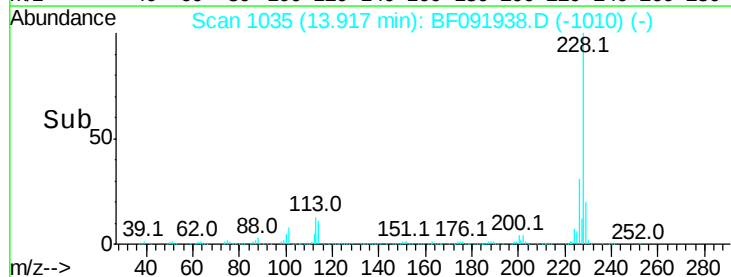
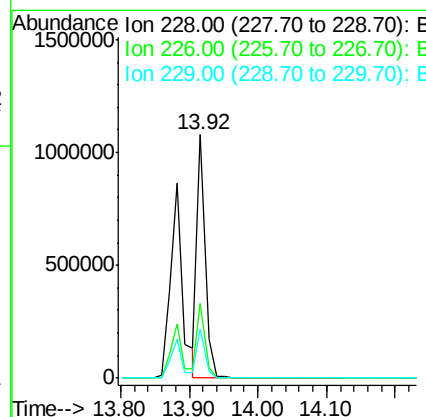
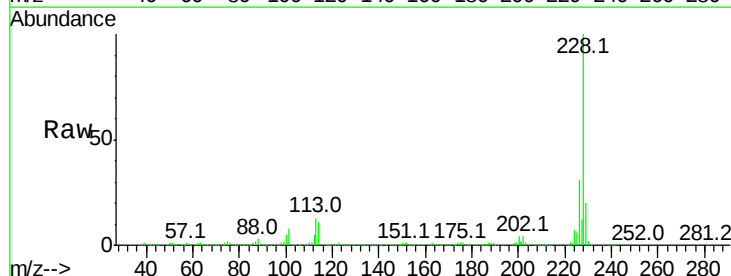
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

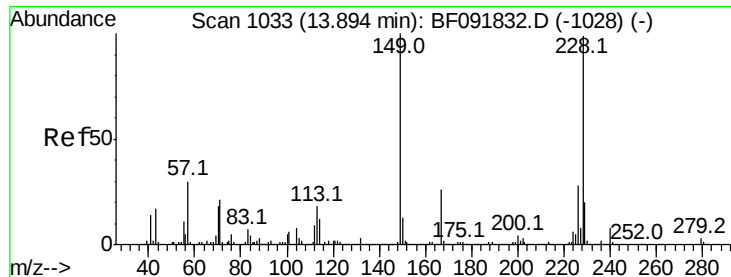
Tot Ion:252 Resp: 172162
 Ion Ratio Lower Upper
 252 100
 254 63.3 52.3 78.5
 126 11.2 13.6 20.4#



#82
 Chrysene
 Concen: 42.22 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion:228 Resp: 875903
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 20.2 16.2 24.2

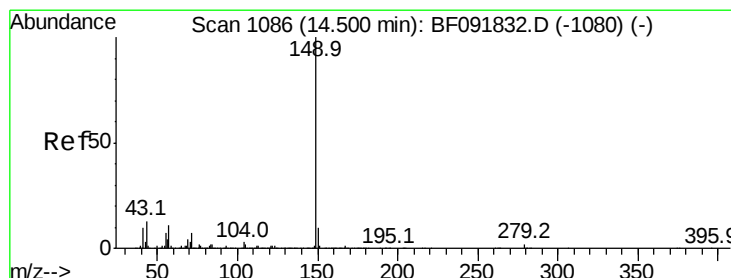
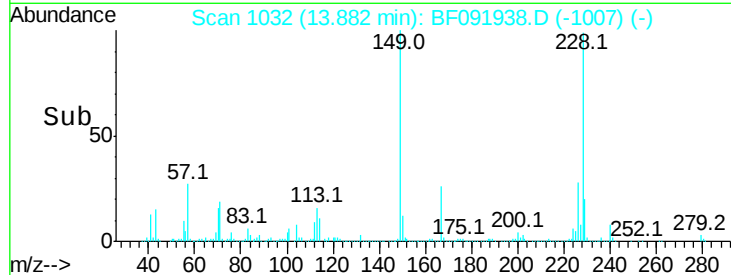
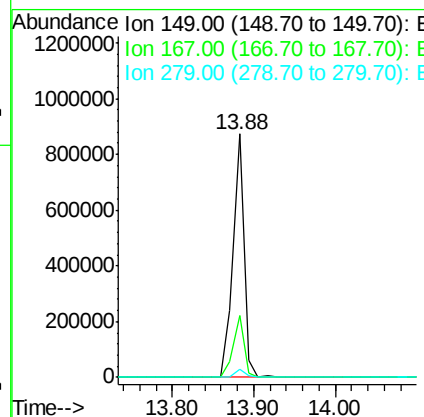
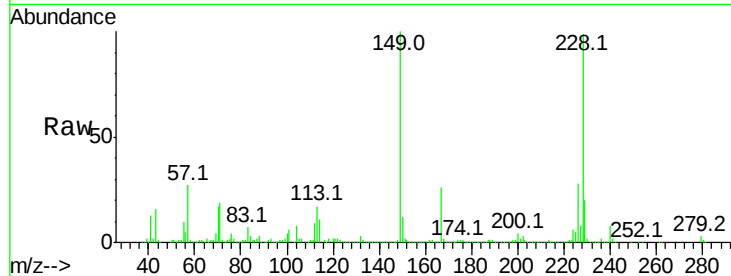




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.36 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

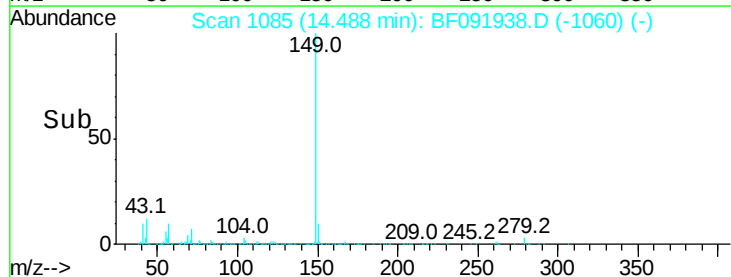
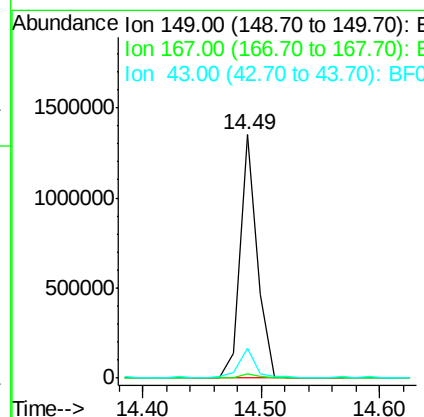
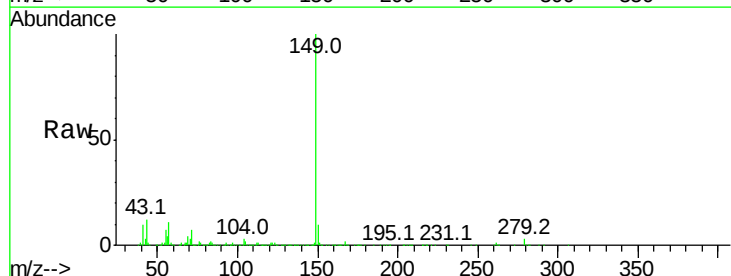
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

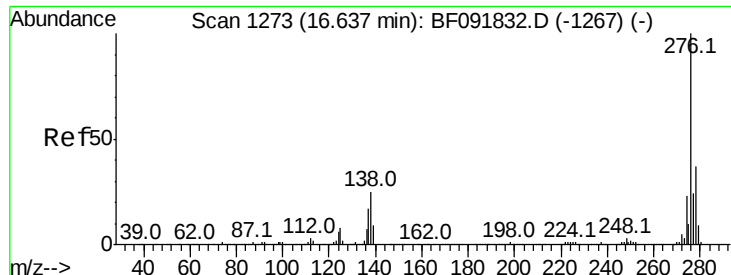
Tot Ion:149 Resp: 811466
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.2 30.4
 279 3.2 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 50.58 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion:149 Resp: 1348893
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 8.9 13.3

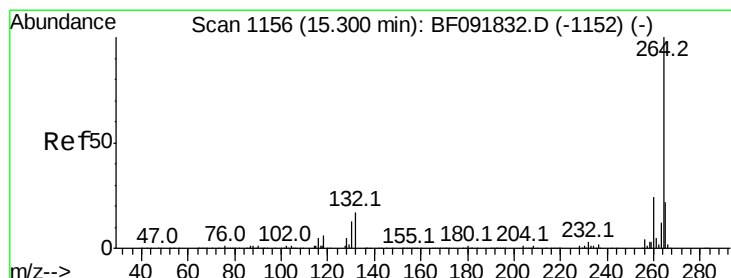
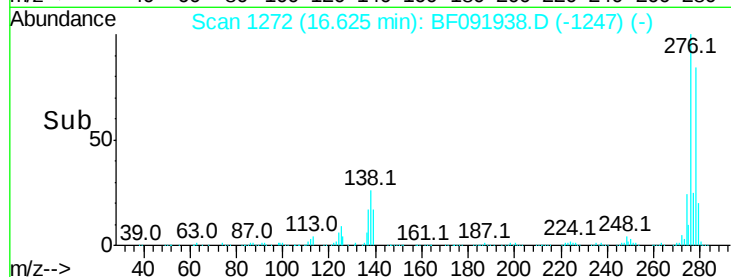
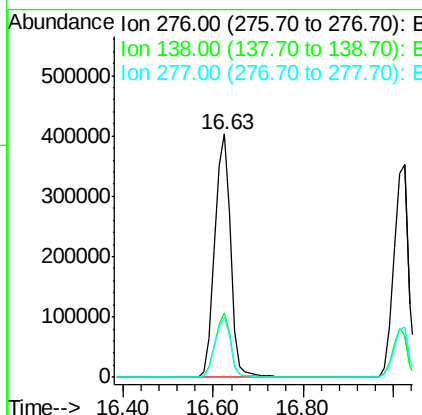
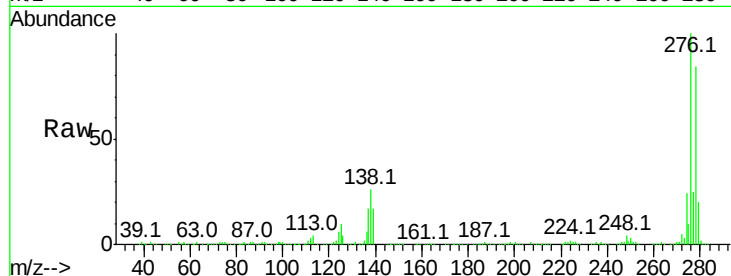




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.28 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

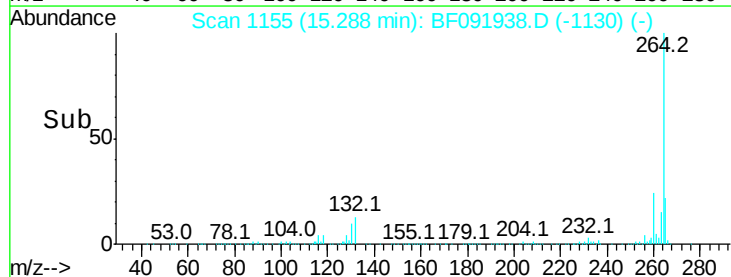
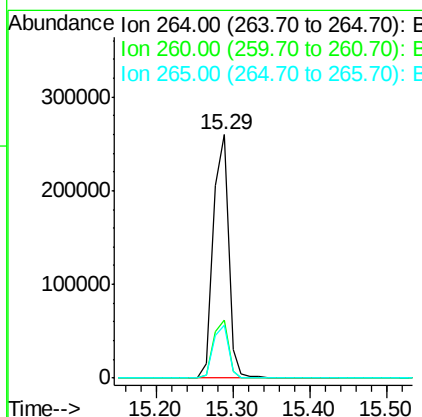
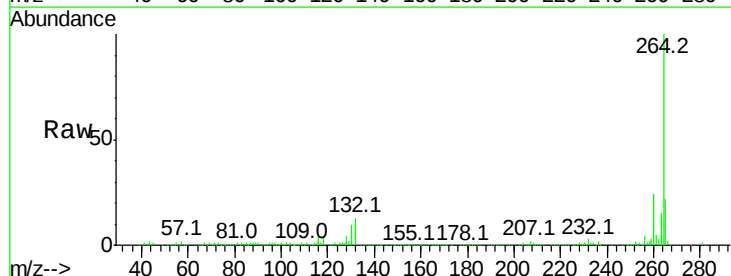
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

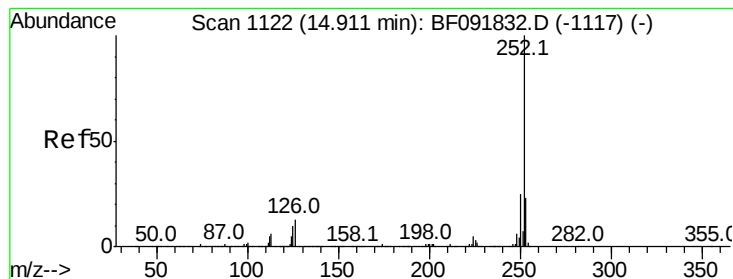
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.8	32.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091938.D
 Acq: 23 Dec 2016 21:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 55.34 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

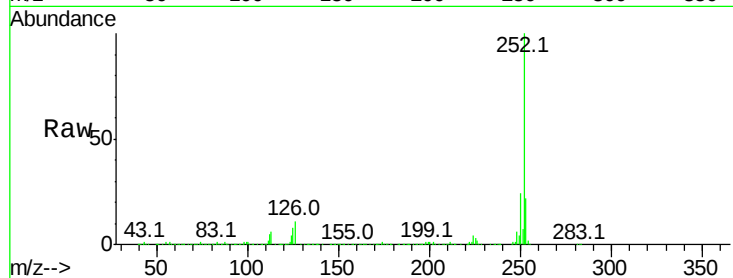
Tot Ion:252 Resp: 1238130

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

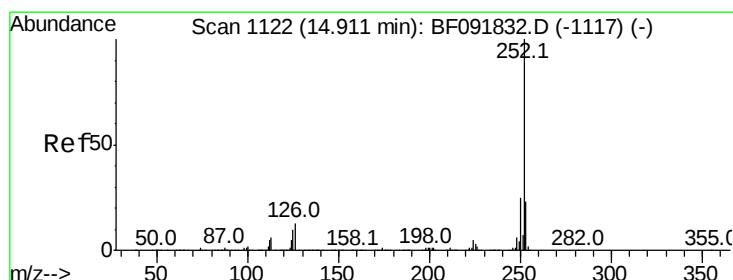
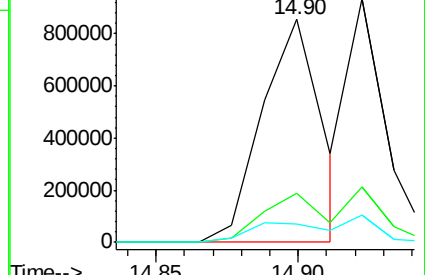
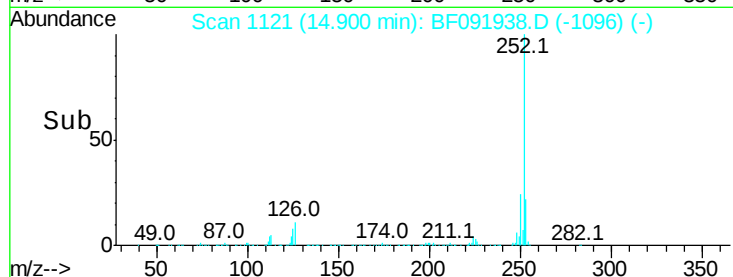
125 8.4 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.70 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

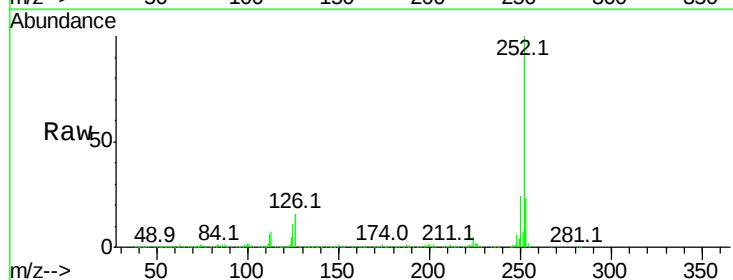
Tgt Ion:252 Resp: 852746

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

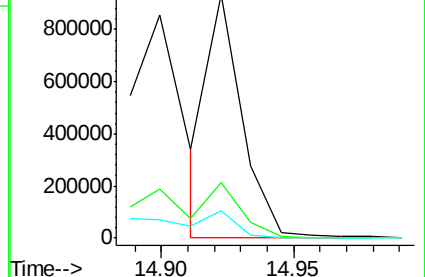
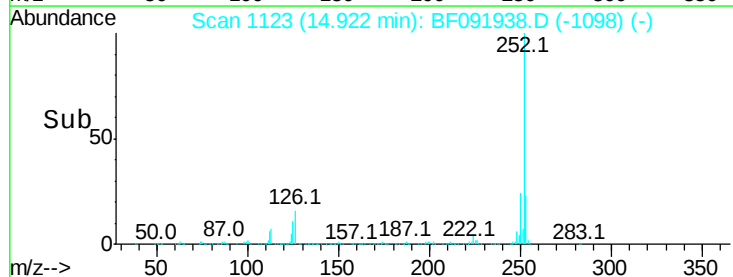
125 11.0 8.9 13.3

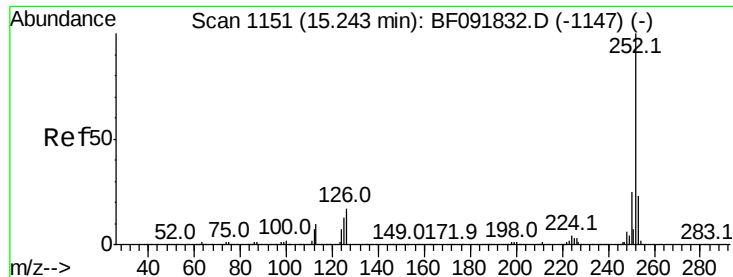


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

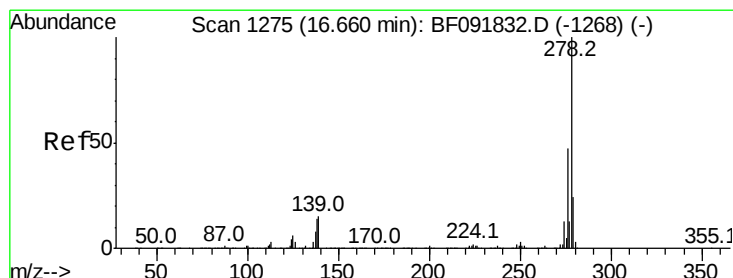
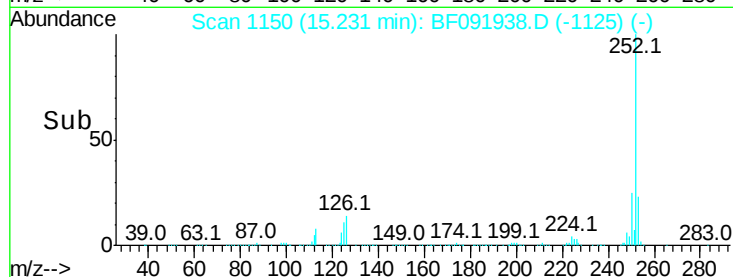
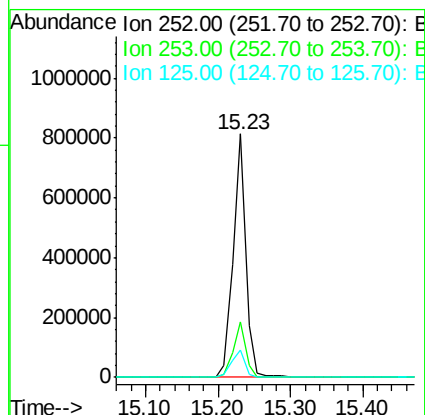
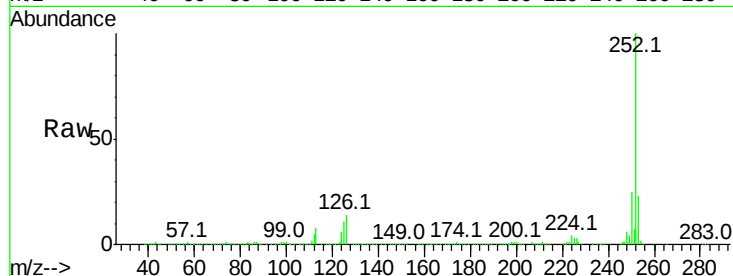




#89
Benzo(a)pyrene
Concen: 49.84 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

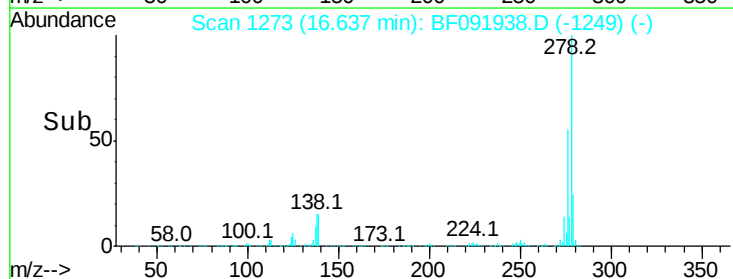
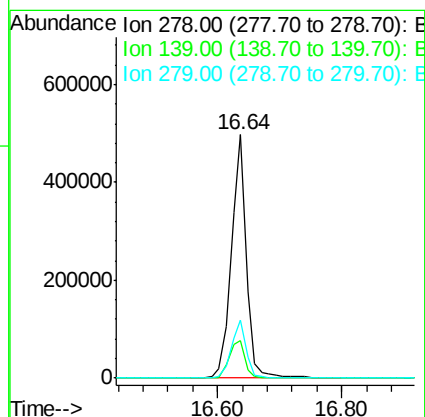
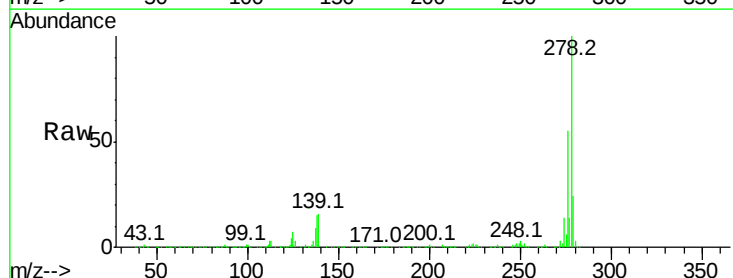
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

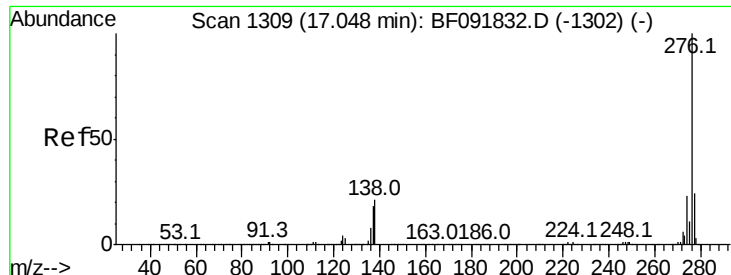
Tot Ion:252 Resp: 989693
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.0 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 50.98 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091938.D
Acq: 23 Dec 2016 21:49

Tgt Ion:278 Resp: 832154
Ion Ratio Lower Upper
278 100
139 15.5 14.8 22.2
279 23.9 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 47.70 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF091938.D

Acq: 23 Dec 2016 21:49

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

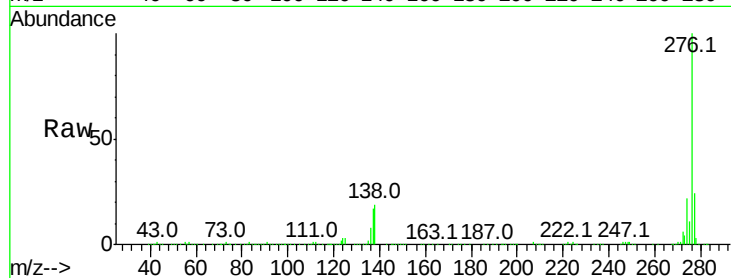
Tot Ion: 276 Resp: 809559

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 19.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

