

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091967.D
 Acq On : 27 Dec 2016 14:59
 Operator : UM/SJ
 Sample : H6226-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MSD

Quant Time: Dec 28 10:04:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 09:54:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	294120	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1190564	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	510158	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	779277	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	552989	20.00	ng	-0.01
86) Perylene-d12	15.29	264	453109	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2301411	130.65	ng	0.02
7) Phenol-d6	6.42	99	2790361	129.75	ng	0.01
23) Nitrobenzene-d5	7.31	82	2148959	100.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	634912	150.38	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2536644	104.90	ng	-0.01
78) Terphenyl-d14	12.84	244	2227708	97.70	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	361465	41.68	ng	99
3) Pyridine	3.00	79	1205765	39.84	ng	96
4) n-Nitrosodimethylamine	2.97	42	492034	43.10	ng	97
6) Aniline	6.41	93	227235	8.13	ng	# 83
8) 2-Chlorophenol	6.53	128	1004651	50.14	ng	98
10) Phenol	6.43	94	1194307	48.73	ng	# 75
11) bis(2-Chloroethyl)ether	6.48	93	1052166	53.96	ng	99
12) 1,3-Dichlorobenzene	6.67	146	1039231	48.59	ng	# 94
13) 1,4-Dichlorobenzene	6.75	146	1071525	49.22	ng	96
14) 1,2-Dichlorobenzene	6.90	146	871549	46.13	ng	96
15) Benzyl Alcohol	6.90	79	758378	45.38	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1540335	53.05	ng	# 48
17) 2-Methylphenol	7.04	107	876483	54.39	ng	96
18) Hexachloroethane	7.24	117	400428	49.61	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	842451	58.88	ng	99
20) 3+4-Methylphenols	7.18	107	1152935	59.99	ng	# 73
22) Acetophenone	7.15	105	1560729	53.15	ng	# 93
24) Nitrobenzene	7.32	77	1145592	50.24	ng	99
25) Isophorone	7.57	82	2187157	55.37	ng	100
26) 2-Nitrophenol	7.64	139	597627	53.14	ng	97
27) 2,4-Dimethylphenol	7.71	122	959570	51.45	ng	93
28) bis(2-Chloroethoxy)methane	7.78	93	1220052	50.93	ng	99
29) 2,4-Dichlorophenol	7.90	162	866317	54.85	ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	855433	49.43	ng	# 94
31) Naphthalene	8.04	128	2645814	48.56	ng	100
32) Benzoic acid	7.87	122	648274	46.86	ng	98
33) 4-Chloroaniline	8.13	127	103786	4.22	ng	94
34) Hexachlorobutadiene	8.17	225	487886	53.40	ng	99
35) Caprolactam	8.50	113	236429m	45.55	ng	
36) 4-Chloro-3-methylphenol	8.62	107	788122	43.36	ng	94
37) 2-Methylnaphthalene	8.74	142	1634923	43.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	633945	49.18	ng	99
40) Hexachlorocyclopentadiene	8.89	237	511565	88.66	ng	95
42) 2,4,6-Trichlorophenol	9.02	196	435815	48.35	ng	97

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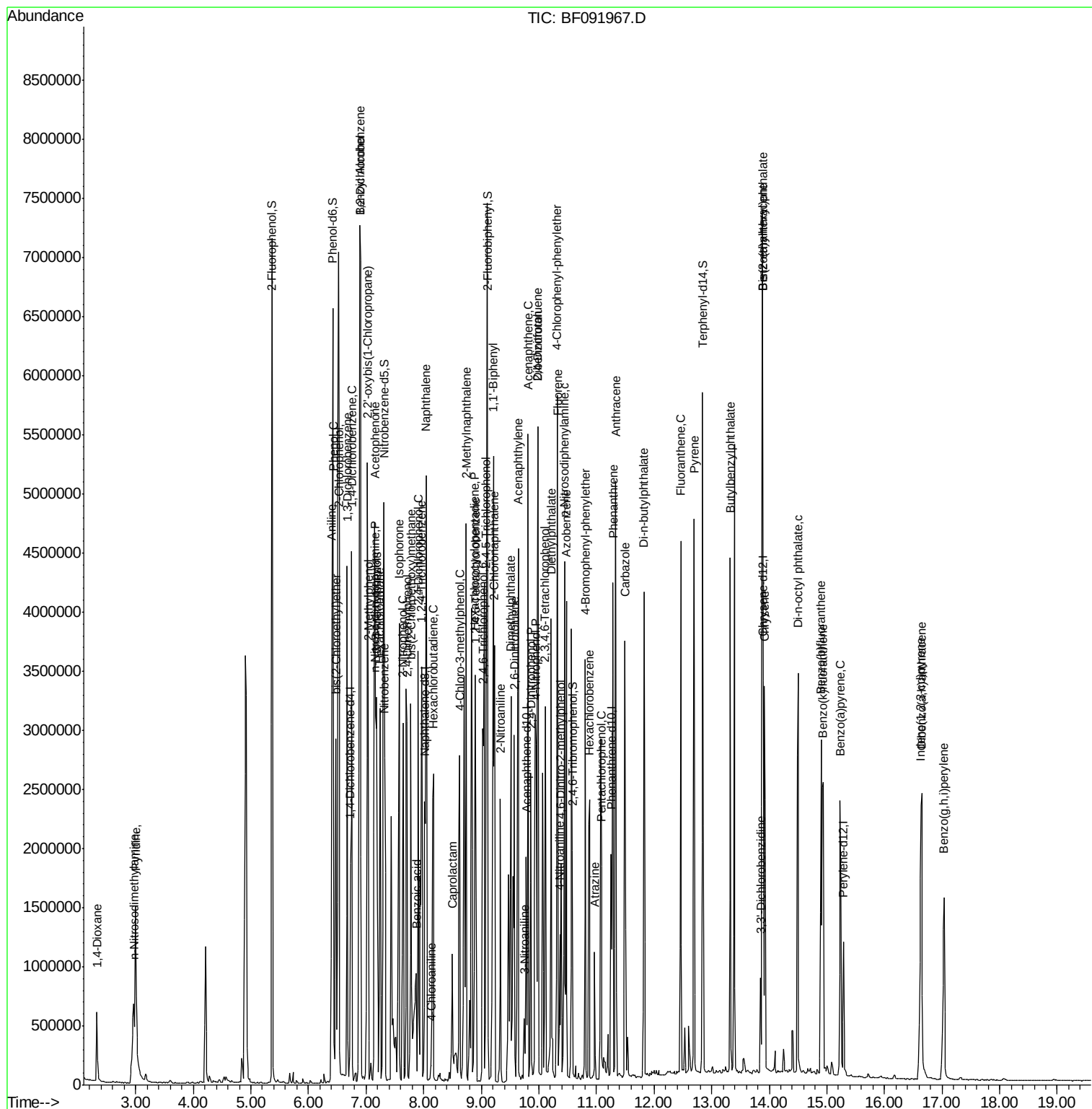
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	436555	47.06	nq	97
45) 1,1'-Biphenyl	9.21	154	1998285	57.21	nq	99
46) 2-Chloronaphthalene	9.23	162	1502826	54.33	nq	99
47) 2-Nitroaniline	9.33	65	442773	44.96	nq	96
48) Acenaphthylene	9.64	152	2104134	49.46	nq	99
49) Dimethylphthalate	9.52	163	1657527	50.80	nq	99
50) 2,6-Dinitrotoluene	9.57	165	330243	46.24	nq	# 66
51) Acenaphthene	9.81	154	1434292	49.73	nq	99
52) 3-Nitroaniline	9.74	138	103809	11.75	nq	87
53) 2,4-Dinitrophenol	9.86	184	449650	113.15	nq	# 76
54) Dibenzofuran	9.98	168	1790018	45.96	nq	97
55) 4-Nitrophenol	9.95	139	544154	90.68	nq	93
56) 2,4-Dinitrotoluene	9.98	165	486561	54.28	nq	91
57) Fluorene	10.33	166	1519915	53.63	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	363290	49.51	nq	97
59) Diethylphthalate	10.21	149	1675963	52.89	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	577812	46.57	nq	98
61) 4-Nitroaniline	10.36	138	249233	27.21	nq	96
62) Azobenzene	10.48	77	1720778	49.32	nq	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	276479	58.67	nq	# 44
65) n-Nitrosodiphenylamine	10.44	169	1127429	48.76	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	449156	55.41	nq	96
67) Hexachlorobenzene	10.88	284	492604	56.85	nq	# 92
68) Atrazine	10.97	200	112066	15.02	nq	96
69) Pentachlorophenol	11.08	266	453606	106.69	nq	99
70) Phenanthrene	11.29	178	2328935	55.12	nq	99
71) Anthracene	11.33	178	1973469	58.80	nq	100
72) Carbazole	11.49	167	1711880	54.04	nq	99
73) Di-n-butylphthalate	11.83	149	2245652	57.20	nq	100
74) Fluoranthene	12.47	202	1999940	54.78	nq	99
77) Pyrene	12.69	202	2005743	49.44	nq	100
79) Butylbenzylphthalate	13.32	149	1025016	55.55	nq	93
80) Benzo(a)anthracene	13.88	228	1547126	49.56	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	162547	13.73	nq	# 95
82) Chrysene	13.92	228	1544471	49.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1152638	53.04	nq	99
84) Di-n-octyl phthalate	14.50	149	2207935	54.85	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1552143	57.22	nq	98
87) Benzo(b)fluoranthene	14.90	252	1508326m	53.47	nq	
88) Benzo(k)fluoranthene	14.93	252	1460458m	60.71	nq	
89) Benzo(a)pyrene	15.23	252	1413750	56.46	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	1243410	60.42	nq	98
91) Benzo(g,h,i)perylene	17.04	276	1329283	62.12	nq	98

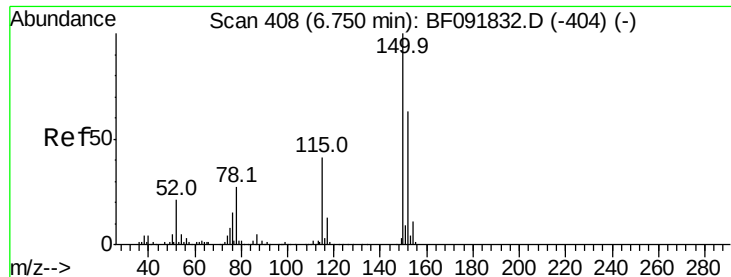
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

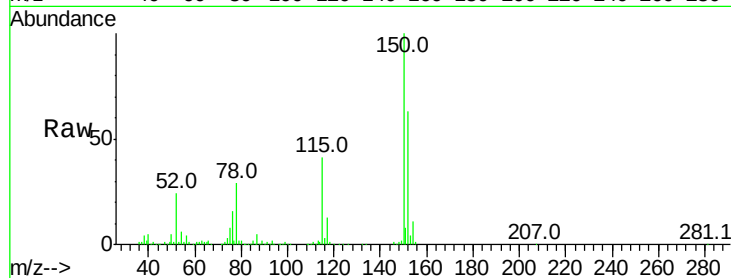
Tot Ion:152 Resp: 294120

Ion Ratio Lower Upper

152 100

150 159.2 124.9 187.3

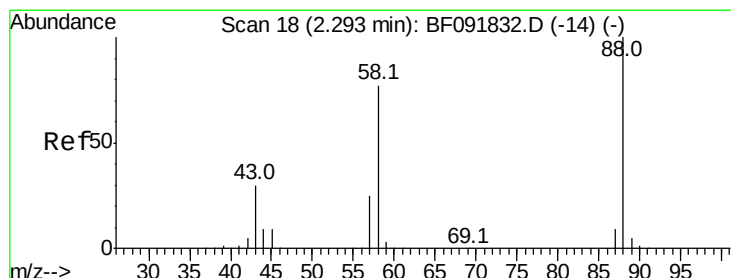
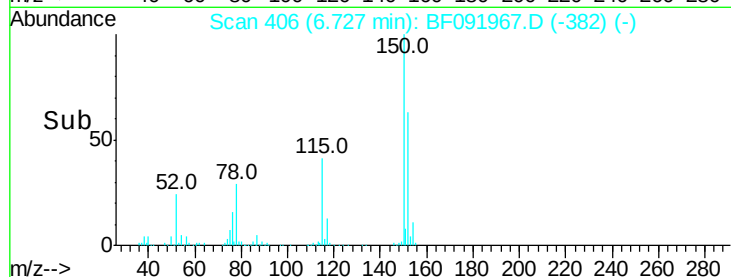
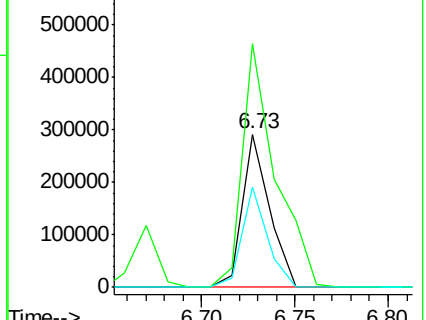
115 65.2 46.0 69.0



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: 41.68 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.03 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

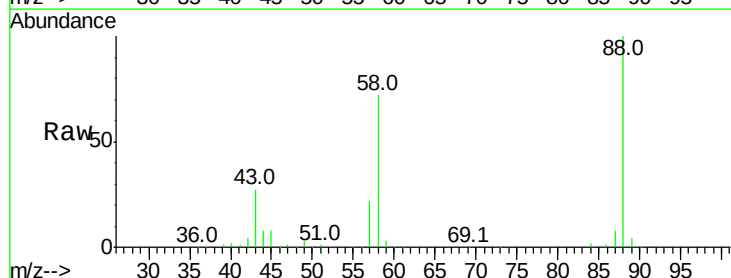
Tgt Ion: 88 Resp: 361465

Ion Ratio Lower Upper

88 100

58 72.8 57.8 86.8

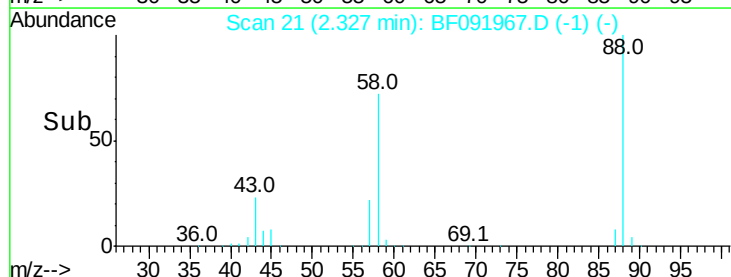
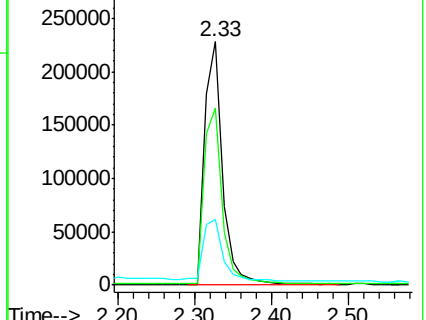
43 27.2 22.3 33.5

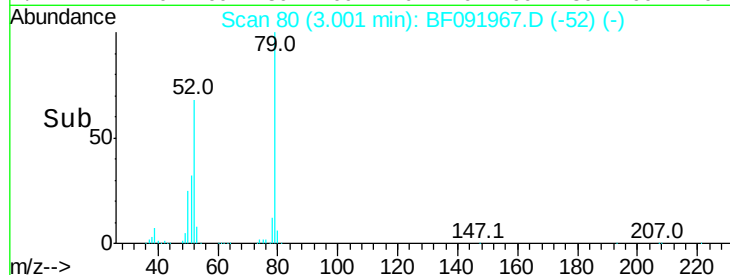
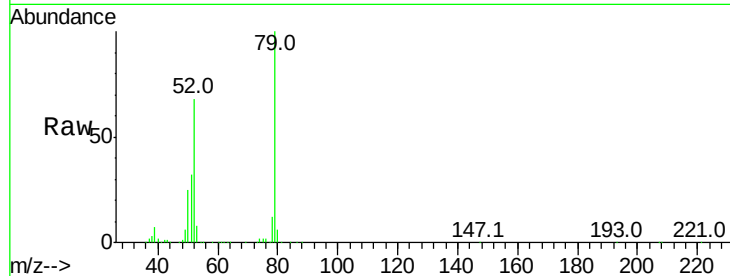
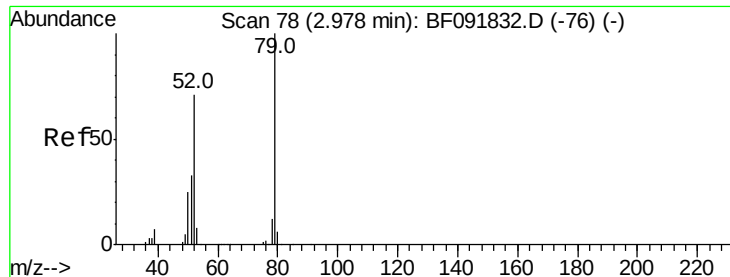


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.84 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.02 min

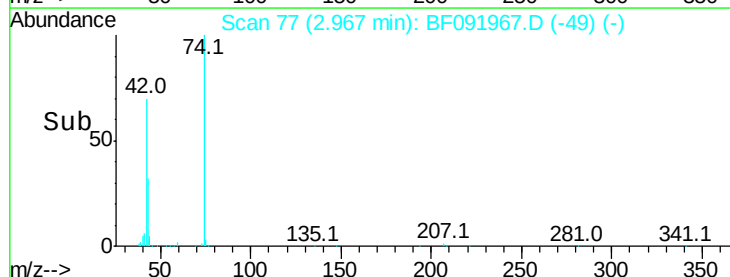
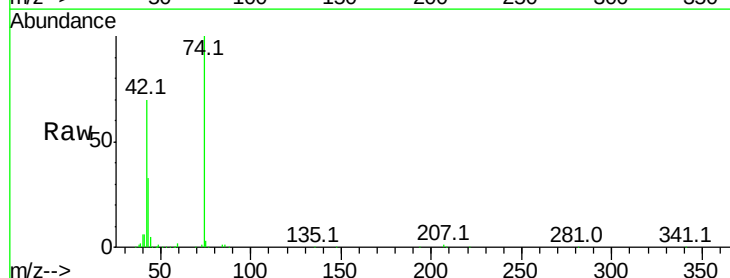
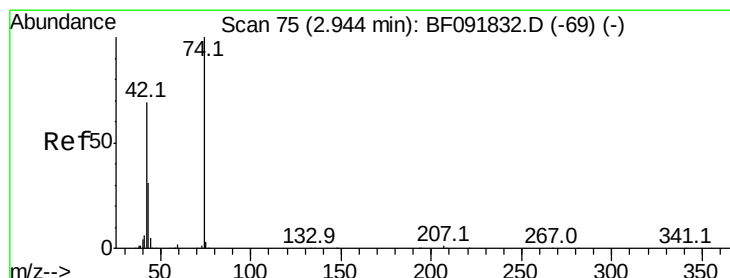
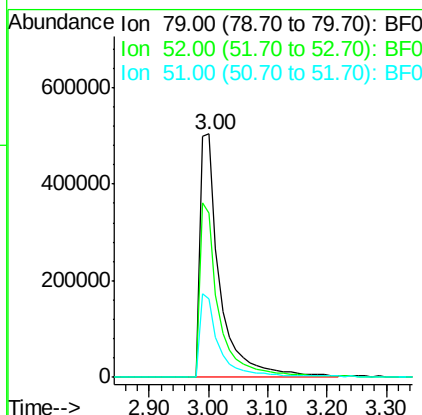
Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

Tot Ion: 79 Resp: 1205765

Ion	Ratio	Lower	Upper
79	100		
52	67.7	57.1	85.7
51	32.2	27.3	40.9



#4

n-Nitrosodimethylamine

Concen: 43.10 ng

RT: 2.97 min Scan# 77

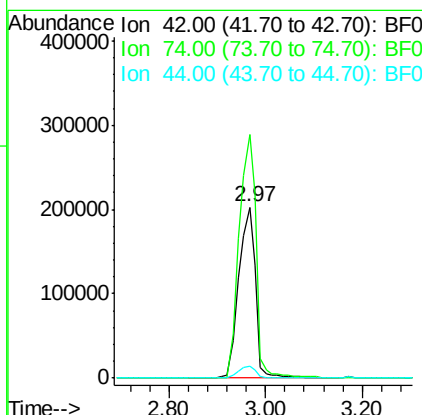
Delta R.T. 0.02 min

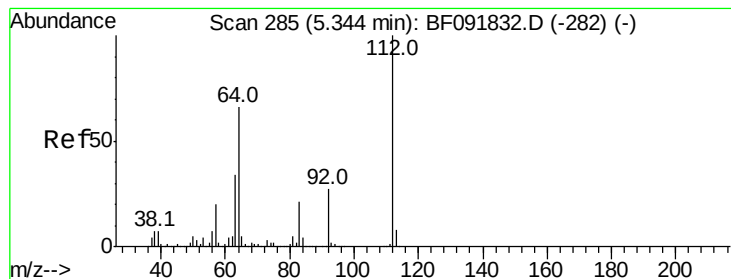
Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Tgt Ion: 42 Resp: 492034

Ion	Ratio	Lower	Upper
42	100		
74	142.2	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 130.65 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

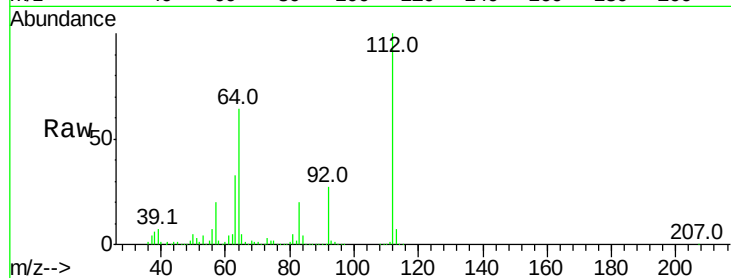
Tot Ion:112 Resp: 2301411

Ion Ratio Lower Upper

112 100

64 64.2 46.1 69.1

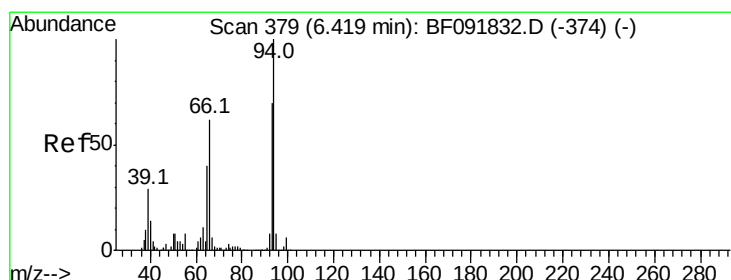
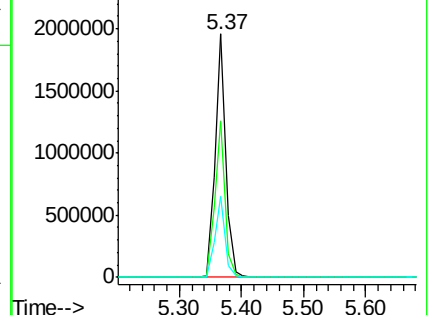
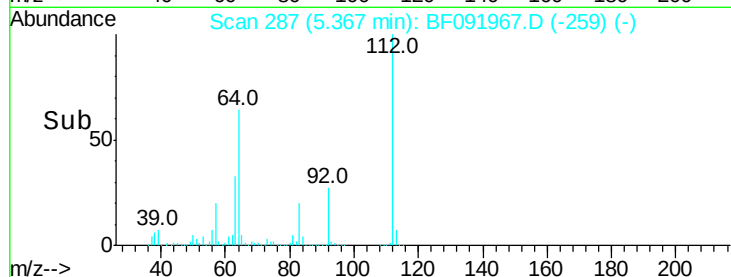
63 33.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.13 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

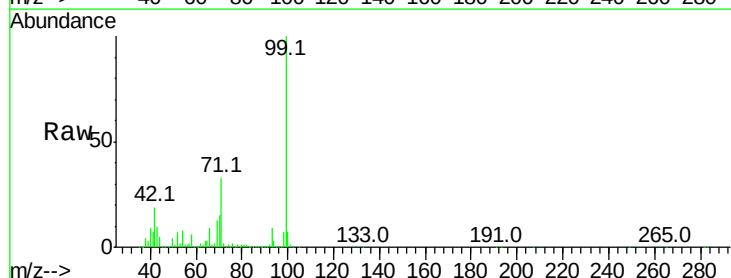
Tgt Ion: 93 Resp: 227235

Ion Ratio Lower Upper

93 100

66 100.6 76.2 114.2

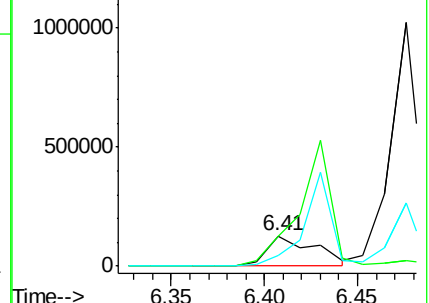
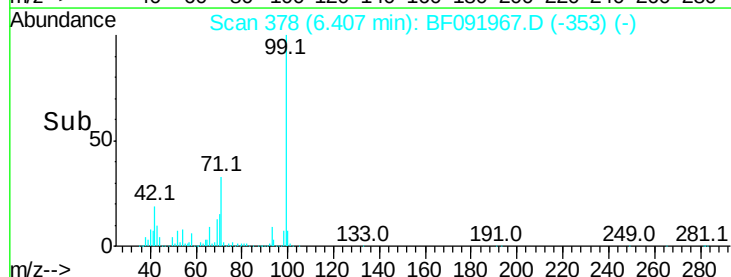
65 35.8 49.3 73.9#

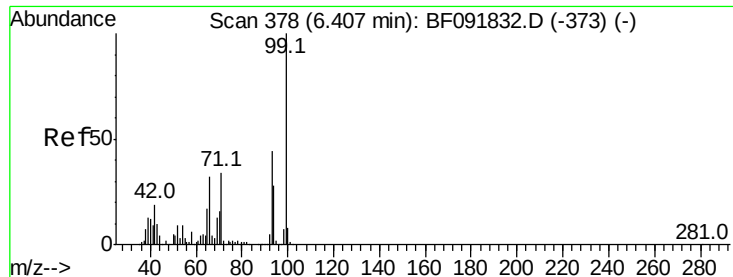


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.75 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

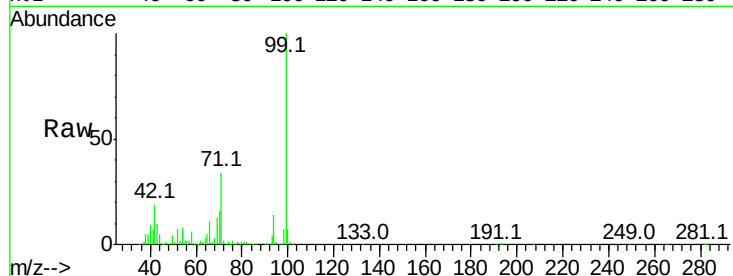
BNA_F

ClientSampleId :

IDW-01-122116MSD

Tot Ion: 99 Resp: 2790361

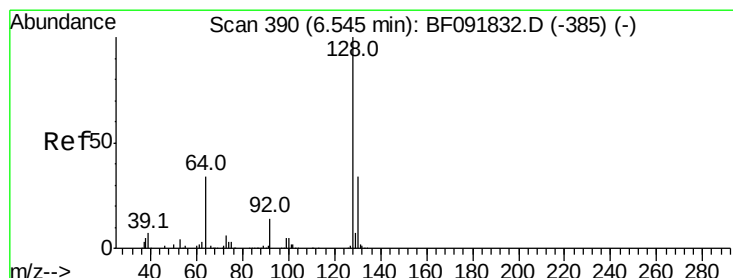
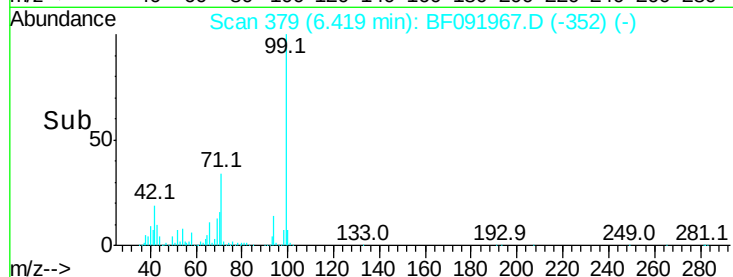
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	34.3	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.14 ng

RT: 6.53 min Scan# 389

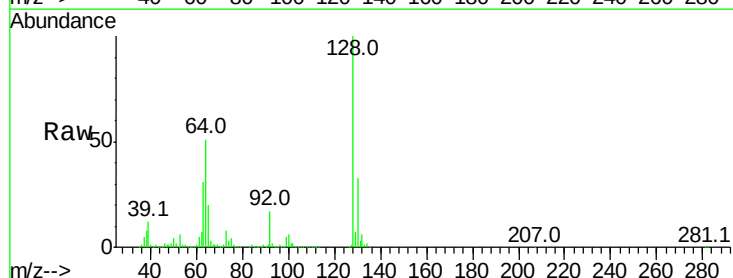
Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Tgt Ion:128 Resp: 1004651

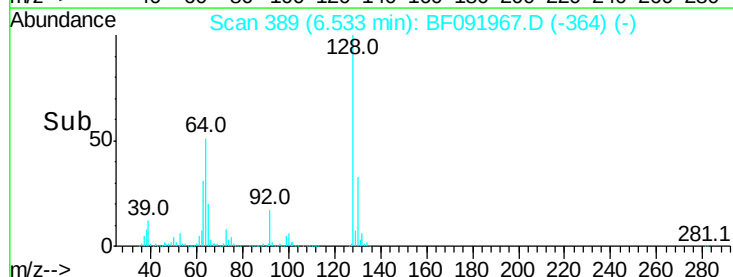
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	50.6	32.2	72.2

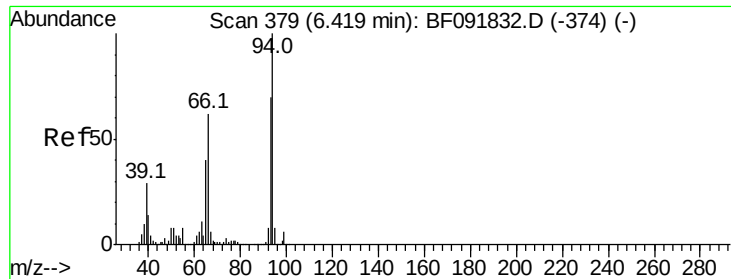


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 48.73 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

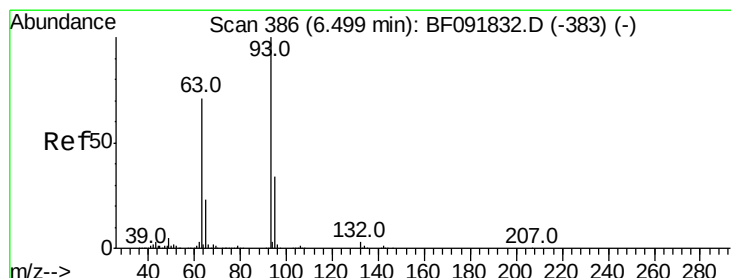
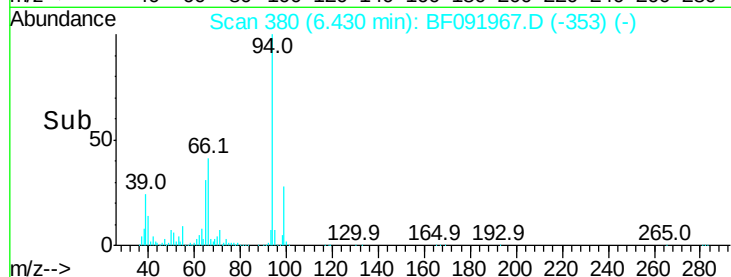
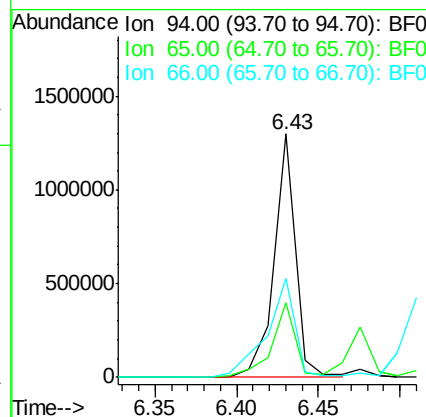
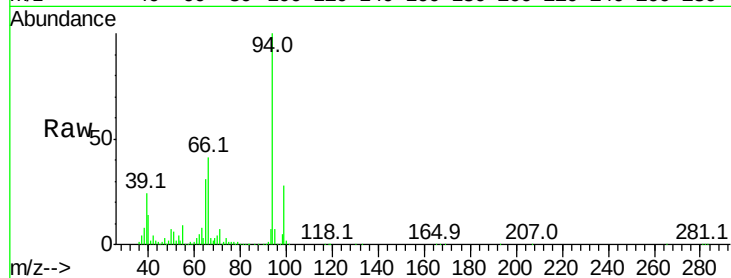
BNA_F

ClientSampleId :

IDW-01-122116MSD

Tot Ion: 94 Resp: 1194307

Ion	Ratio	Lower	Upper
94	100		
65	30.6	21.4	61.4
66	40.6	44.0	84.0#



#11

bis(2-Chloroethyl)ether

Concen: 53.96 ng

RT: 6.48 min Scan# 384

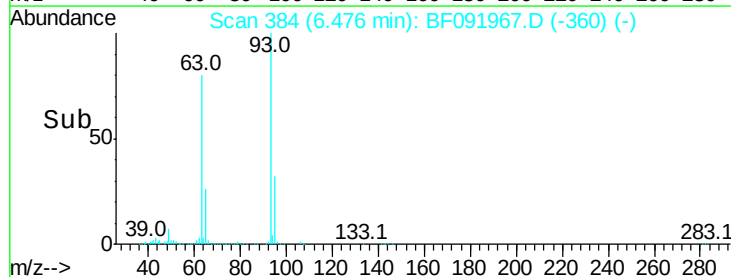
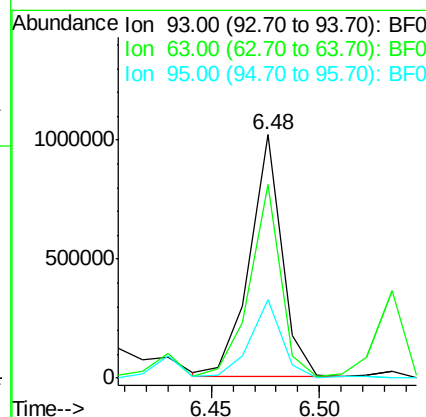
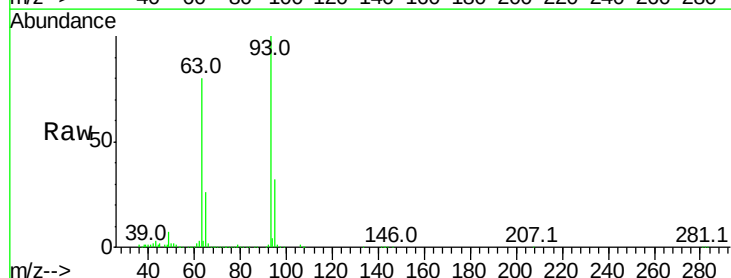
Delta R.T. -0.02 min

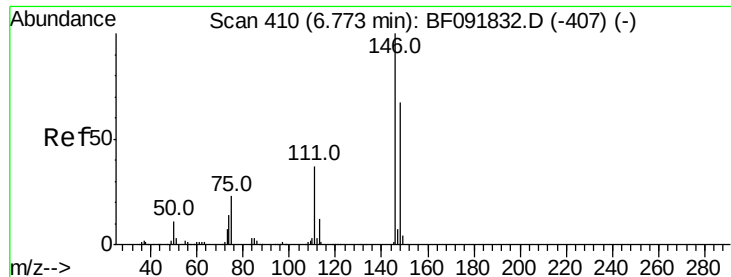
Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Tgt Ion: 93 Resp: 1052166

Ion	Ratio	Lower	Upper
93	100		
63	79.7	60.4	100.4
95	32.1	12.8	52.8

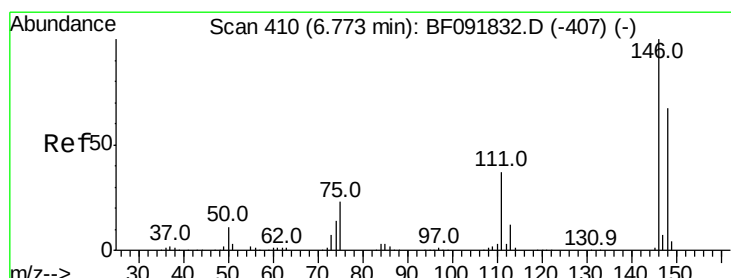
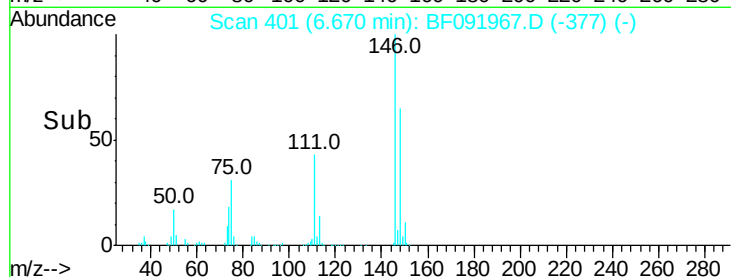
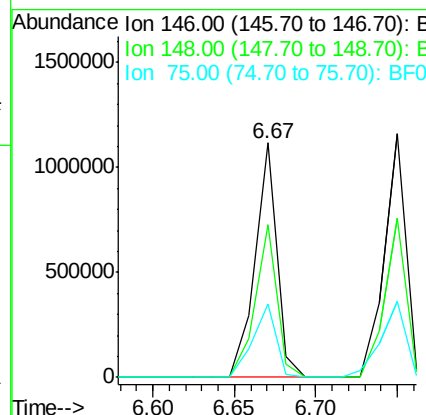
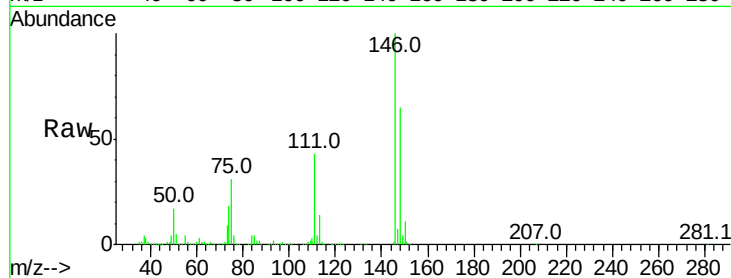




#12
 1,3-Dichlorobenzene
 Concen: 48.59 ng
 RT: 6.67 min Scan# 401
 Delta R.T. -0.02 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

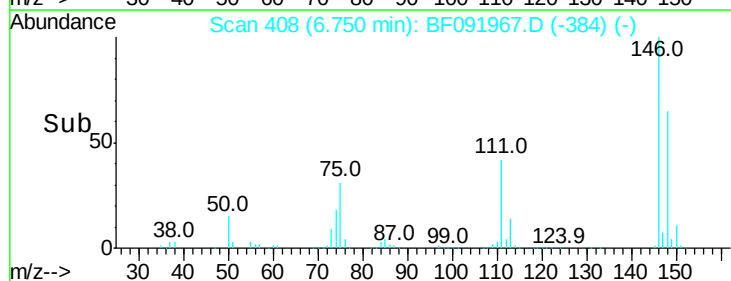
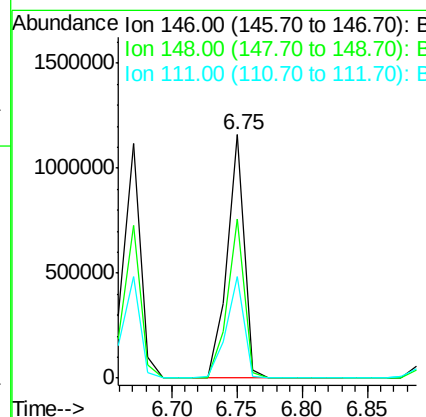
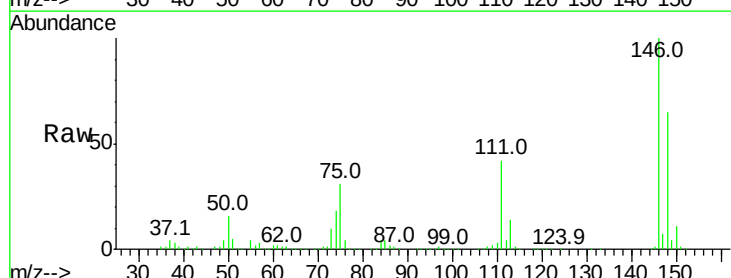
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MSD

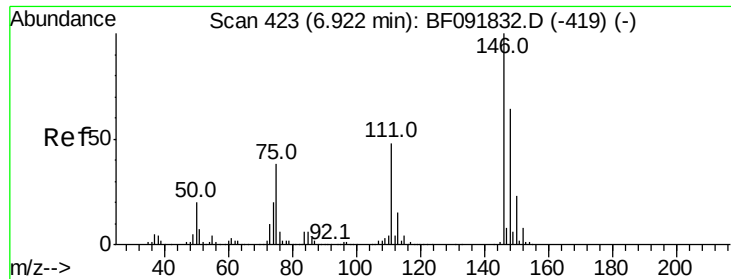
Tot Ion:146 Resp: 1039231
 Ion Ratio Lower Upper
 146 100
 148 65.0 53.4 80.0
 75 31.4 18.5 27.7#



#13
 1,4-Dichlorobenzene
 Concen: 49.22 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Tgt Ion:146 Resp: 1071525
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 76.0
 111 41.5 36.2 54.4

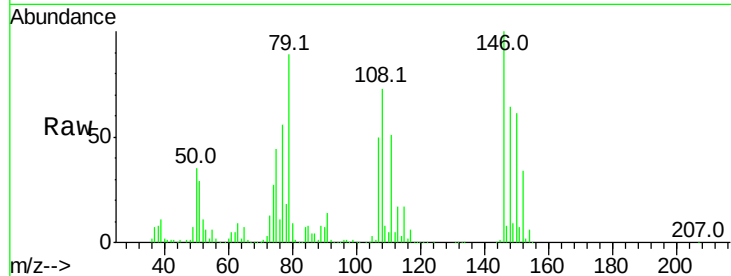




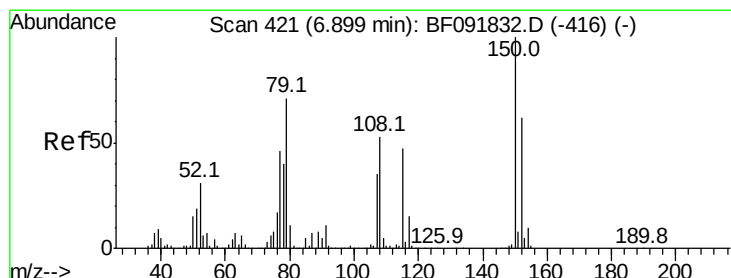
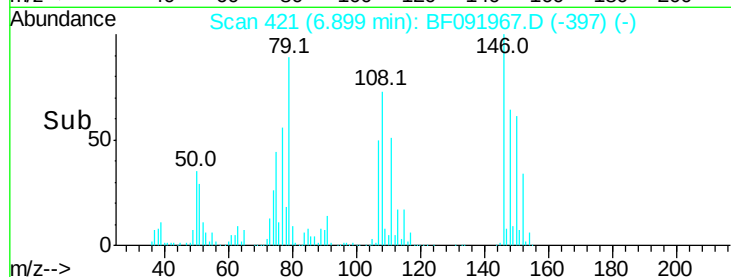
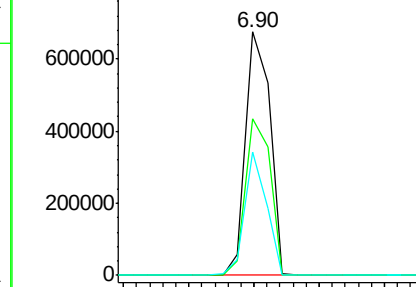
#14
 1,2-Dichlorobenzene
 Concen: 46.13 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MSD

Tot Ion:146 Resp: 871549
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 50.9 36.2 54.2

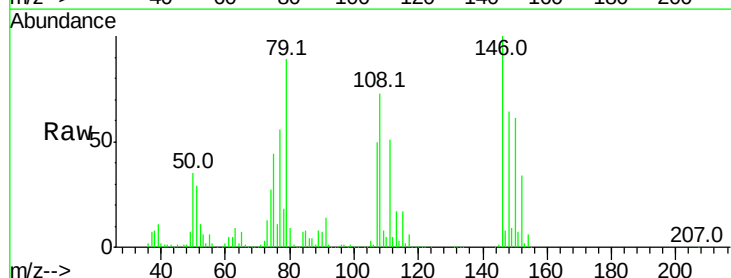


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

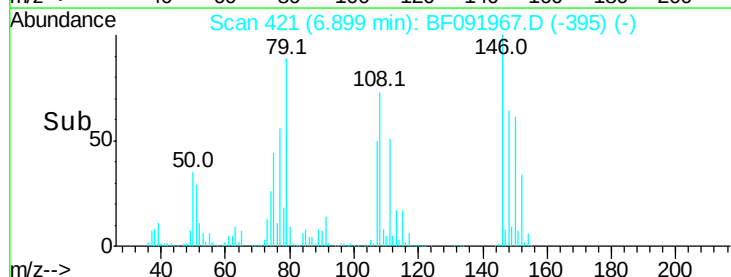
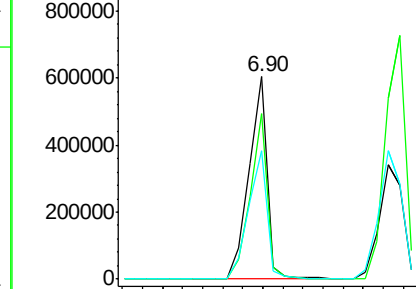


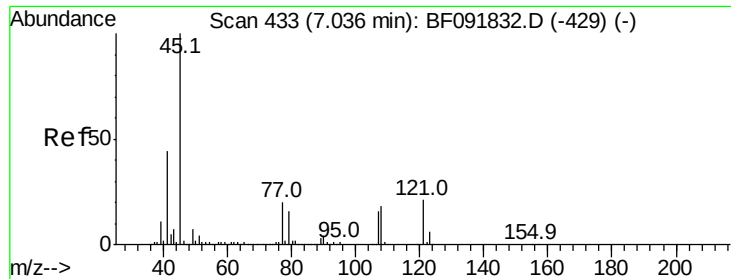
#15
 Benzyl Alcohol
 Concen: 45.38 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Tgt Ion: 79 Resp: 758378
 Ion Ratio Lower Upper
 79 100
 108 81.7 61.4 92.0
 77 63.2 50.9 76.3



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

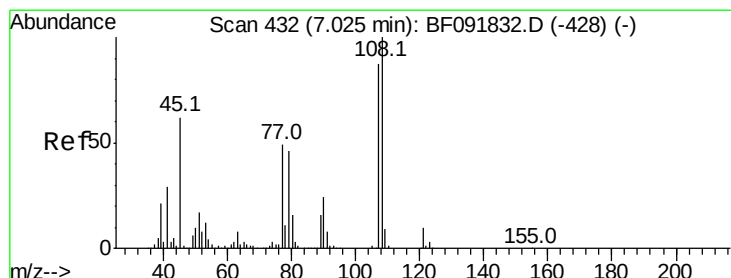
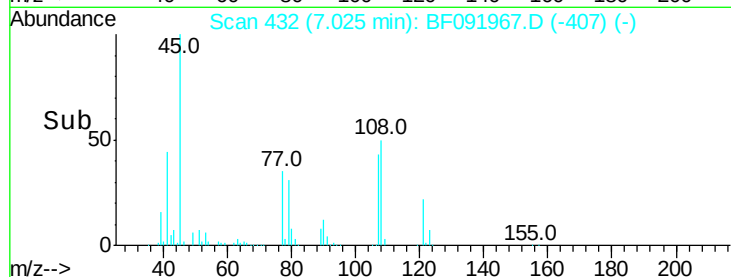
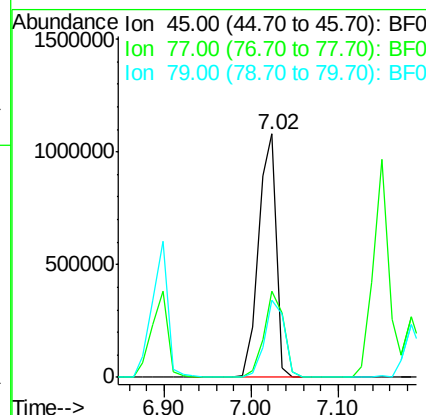
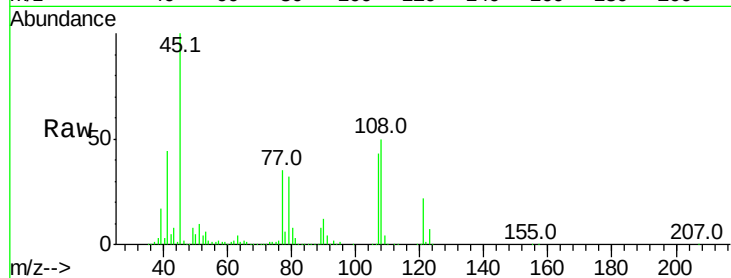




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 53.05 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

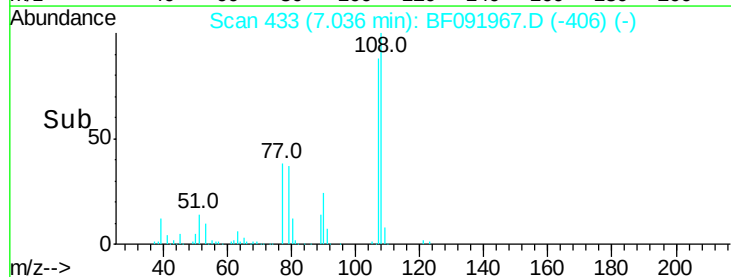
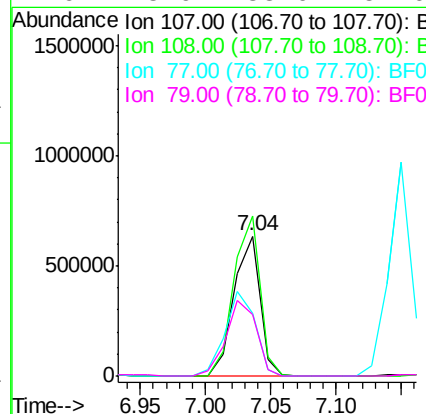
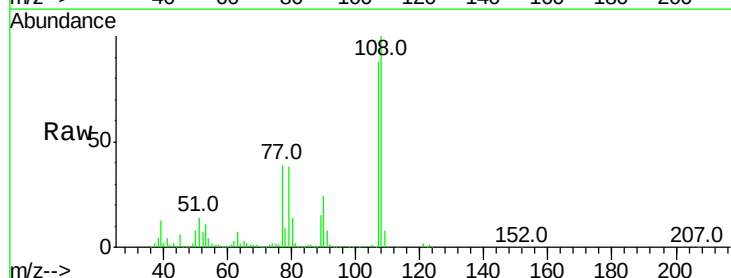
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

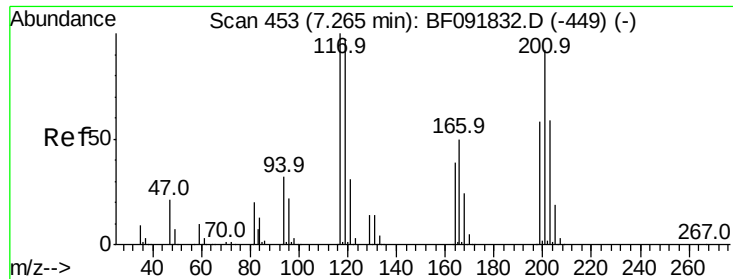
Tot Ion: 45 Resp: 1540335
Ion Ratio Lower Upper
45 100
77 35.3 0.0 34.6#
79 31.5 0.0 31.2#



#17
2-Methylphenol
Concen: 54.39 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Tgt Ion: 107 Resp: 876483
Ion Ratio Lower Upper
107 100
108 114.3 93.0 139.6
77 44.9 39.8 59.8
79 43.9 38.0 57.0

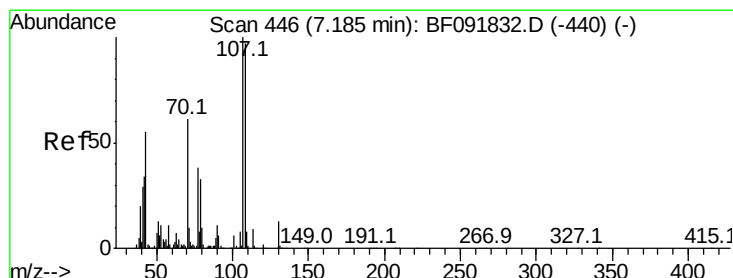
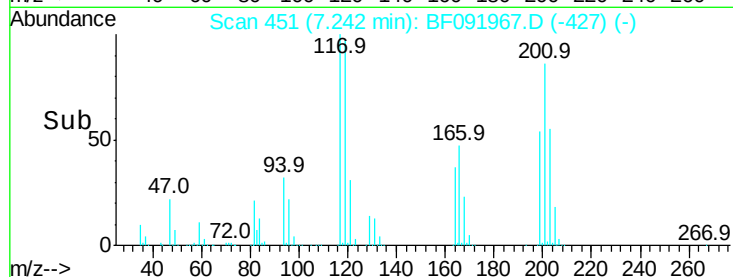
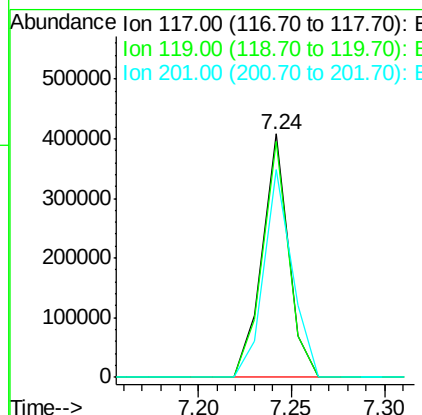
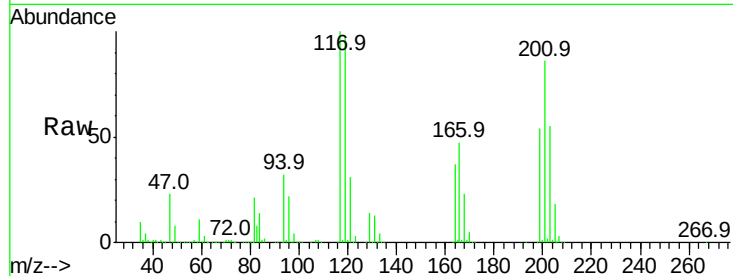




#18
Hexachloroethane
Concen: 49.61 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

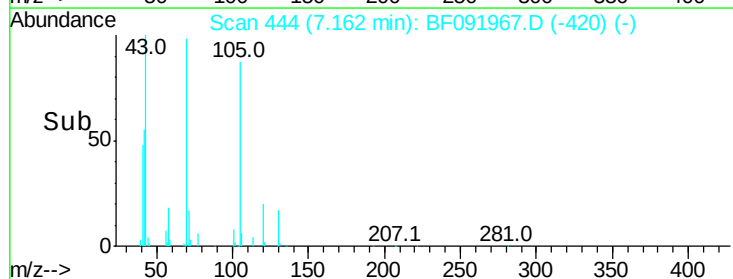
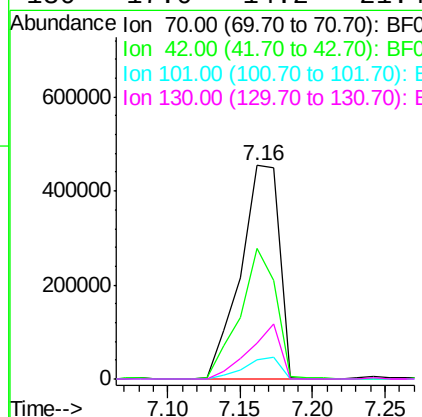
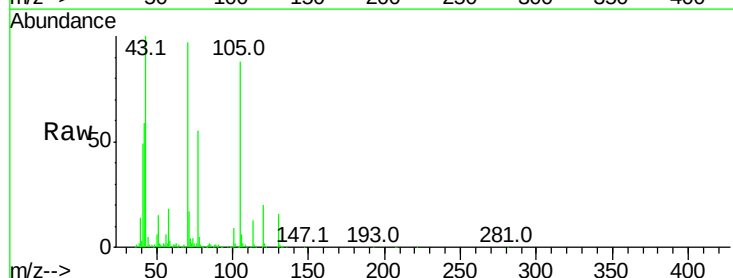
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

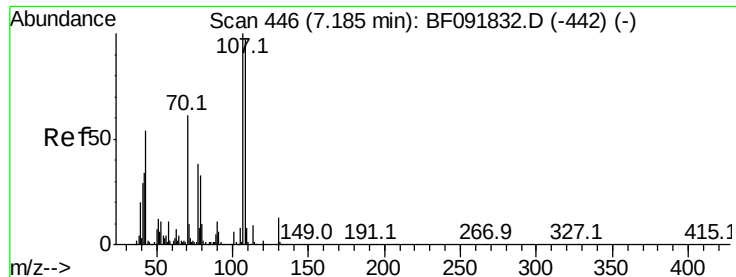
Tot Ion:117 Resp: 400428
Ion Ratio Lower Upper
117 100
119 96.7 78.1 117.1
201 85.5 78.6 117.8



#19
n-Nitroso-di-n-propylamine
Concen: 58.88 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Tgt Ion: 70 Resp: 842451
Ion Ratio Lower Upper
70 100
42 61.3 49.4 74.0
101 8.8 7.4 11.2
130 17.0 14.2 21.4

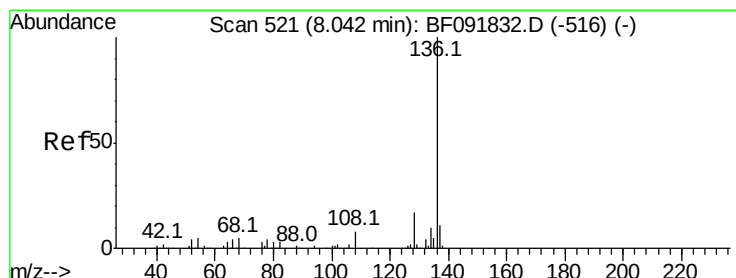
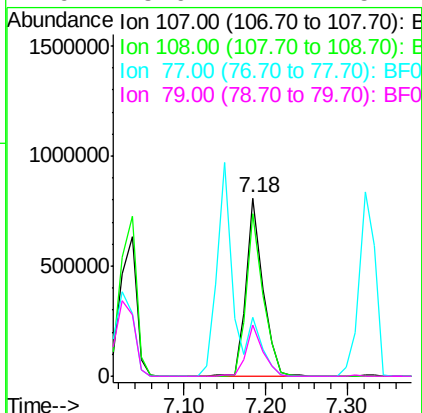
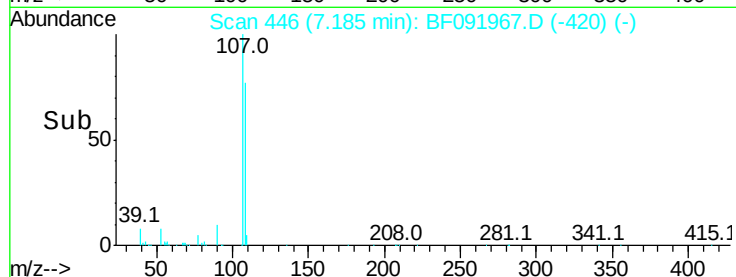
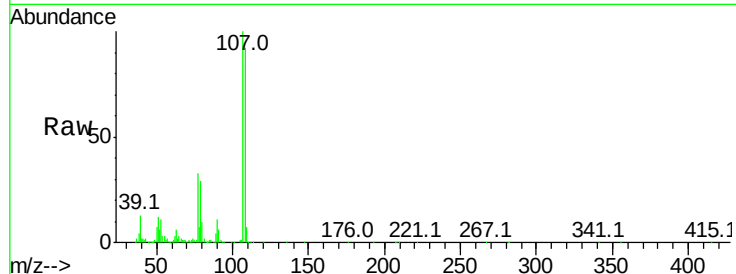




#20
3+4-Methylphenols
Concen: 59.99 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

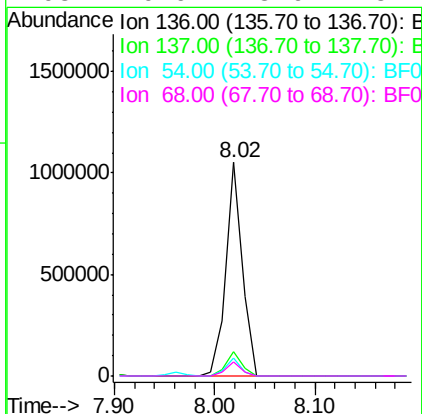
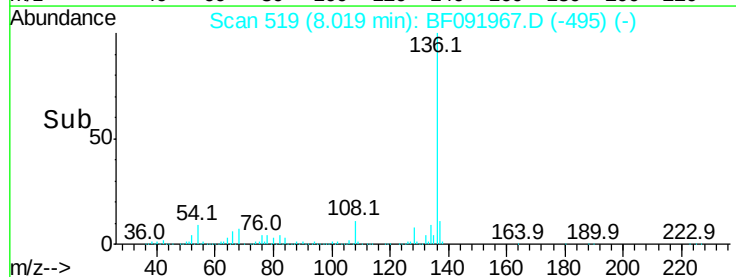
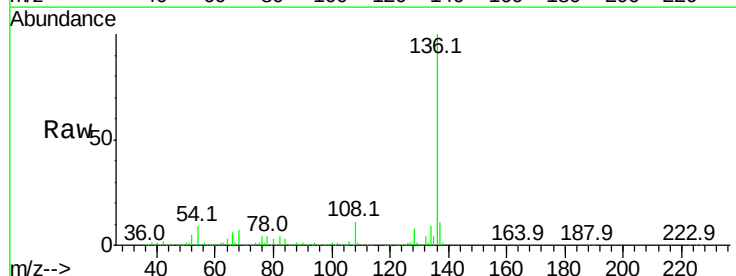
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

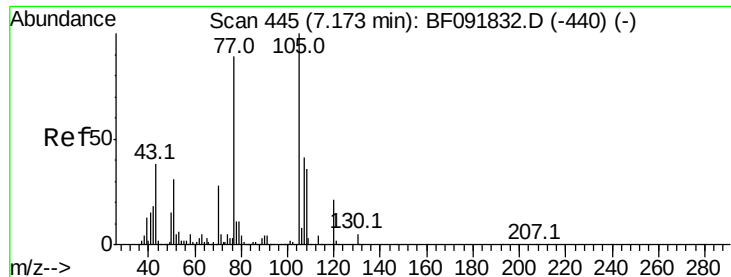
Tot Ion:107	Resp: 1152935
Ion Ratio	Lower Upper
107 100	
108 91.7	73.0 113.0
77 33.2	71.3 111.3#
79 28.9	11.1 51.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Tgt Ion	Ion:136	Resp: 1190564	
	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.6	4.5	6.7#
68	6.9	3.6	5.4#





#22

Acetophenone

Concen: 53.15 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

Tot Ion:105 Resp: 1560729

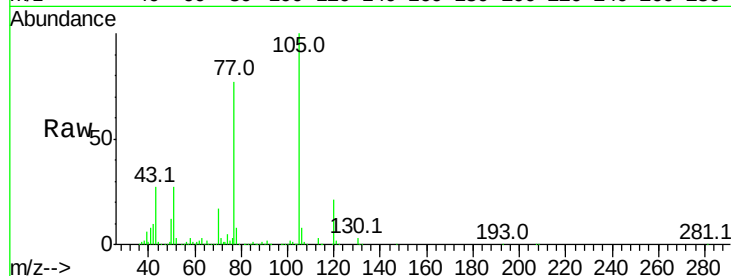
Ion Ratio Lower Upper

105 100

71 3.0 3.2 4.8#

51 26.9 26.2 39.4

120 21.3 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

2000000

1500000

1000000

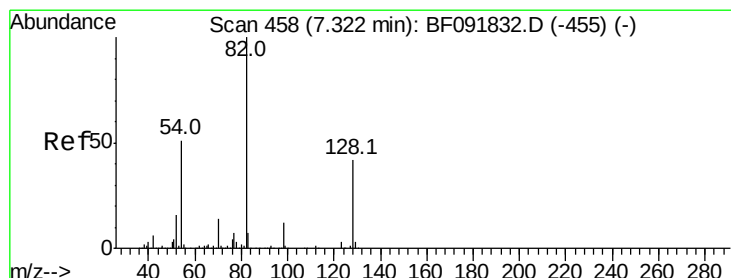
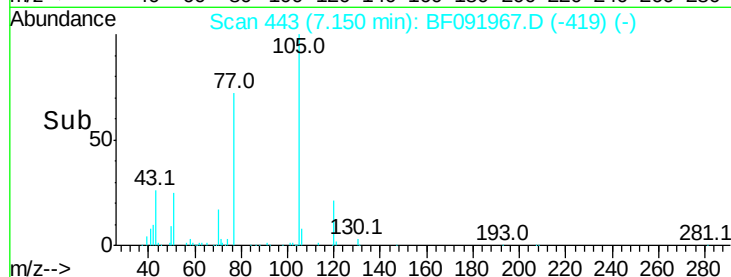
500000

0

7.15

7.10 7.20 7.30

Time-->



#23

Nitrobenzene-d5

Concen: 100.37 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

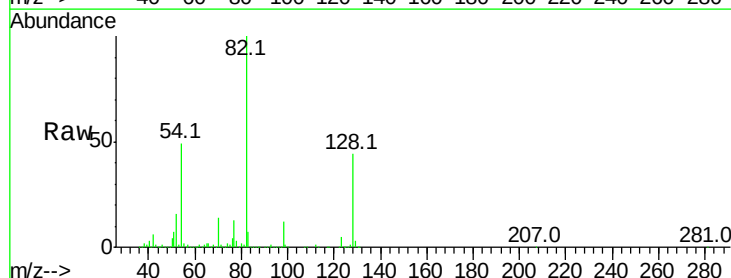
Tgt Ion: 82 Resp: 2148959

Ion Ratio Lower Upper

82 100

128 44.0 34.6 52.0

54 49.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

2000000

1500000

1000000

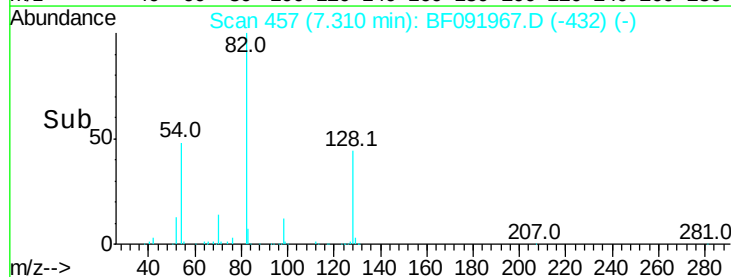
500000

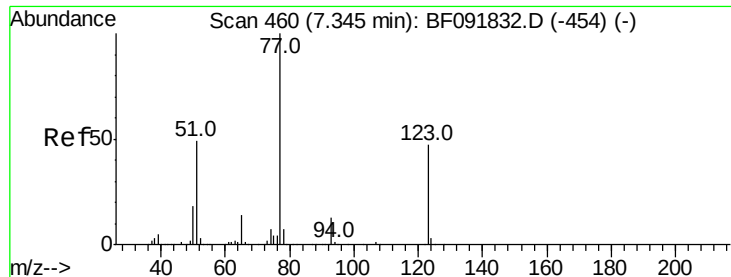
0

7.31

7.20 7.30 7.40

Time-->

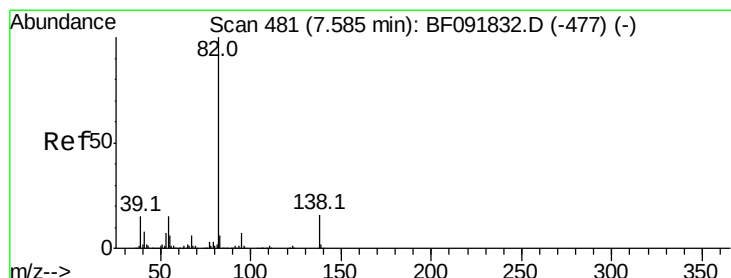
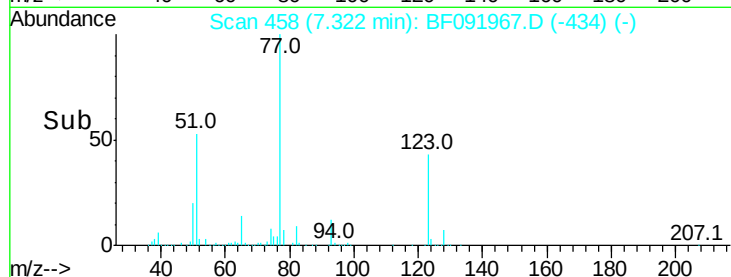
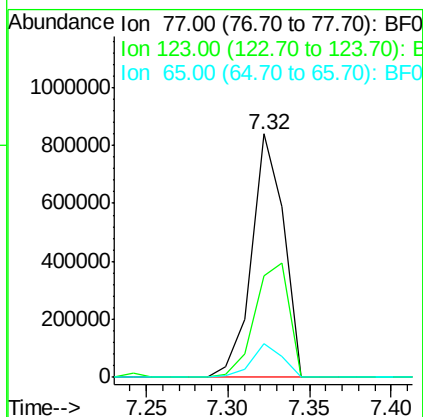
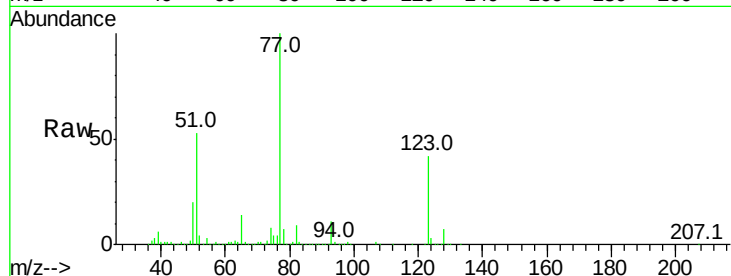




#24
 Nitrobenzene
 Concen: 50.24 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

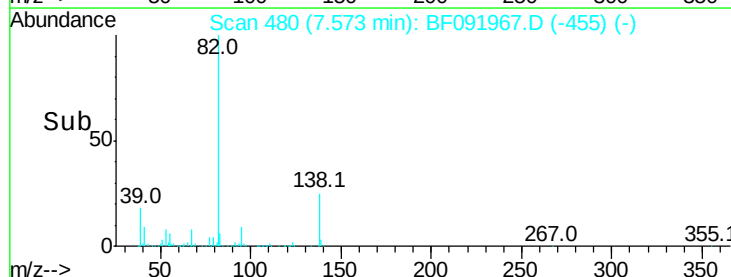
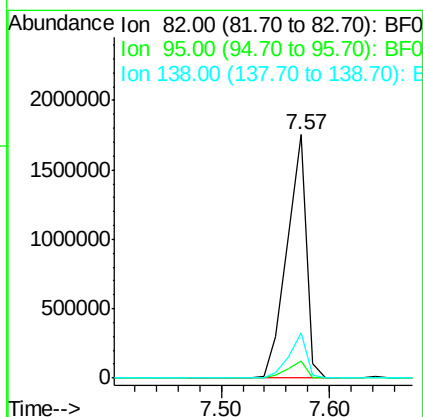
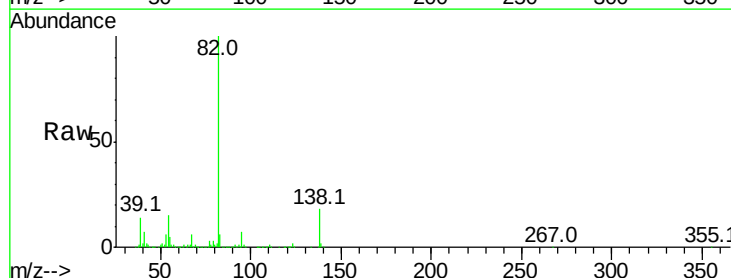
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MSD

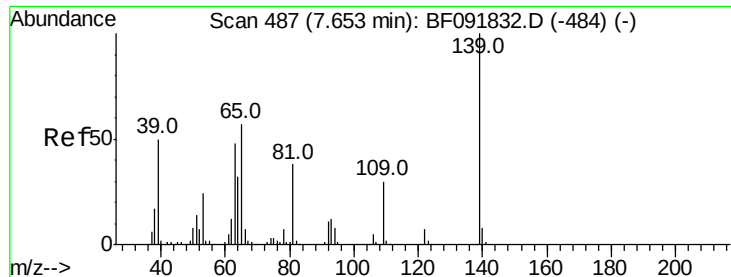
Tot Ion: 77 Resp: 1145592
 Ion Ratio Lower Upper
 77 100
 123 41.7 33.0 49.4
 65 13.9 11.2 16.8



#25
 Isophorone
 Concen: 55.37 ng
 RT: 7.57 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Tgt Ion: 82 Resp: 2187157
 Ion Ratio Lower Upper
 82 100
 95 7.1 5.6 8.4
 138 18.5 14.6 22.0

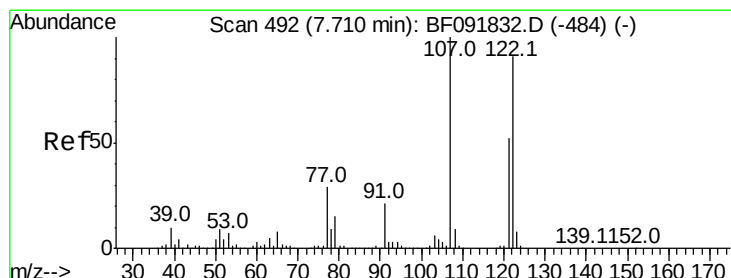
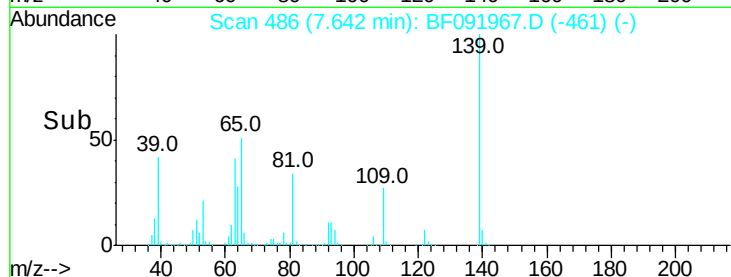
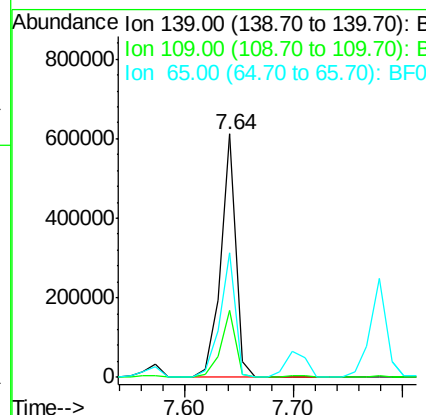
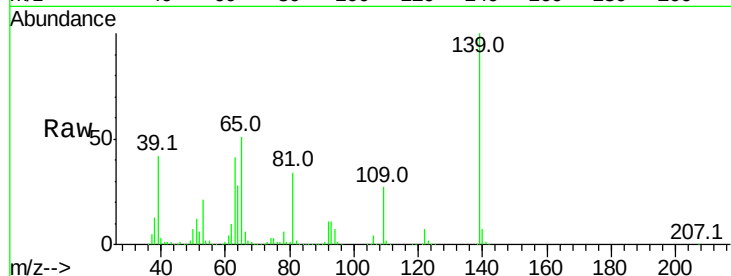




#26
2-Nitrophenol
Concen: 53.14 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

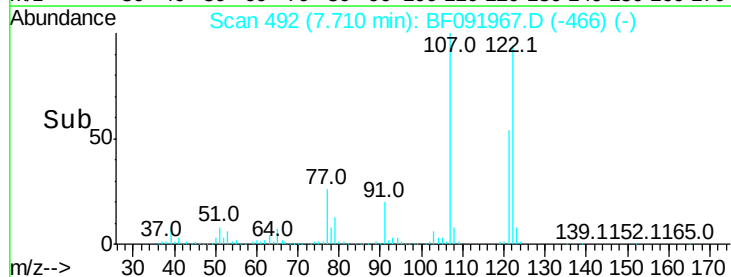
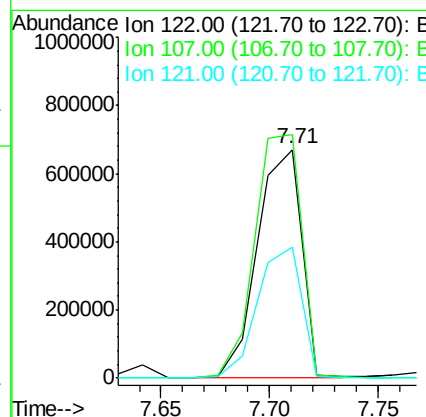
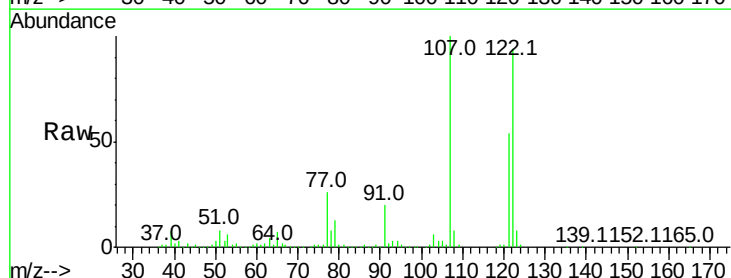
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

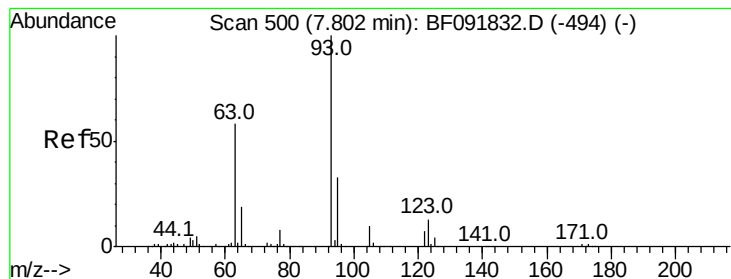
Tot Ion	Ratio	Lower	Upper
139	100		
109	27.3	23.3	34.9
65	51.3	42.7	64.1



#27
2,4-Dimethylphenol
Concen: 51.45 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Tgt Ion	Ratio	Lower	Upper
122	100		
107	106.6	94.1	141.1
121	57.3	46.0	69.0





#28

bis(2-Chloroethoxy)methane

Concen: 50.93 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

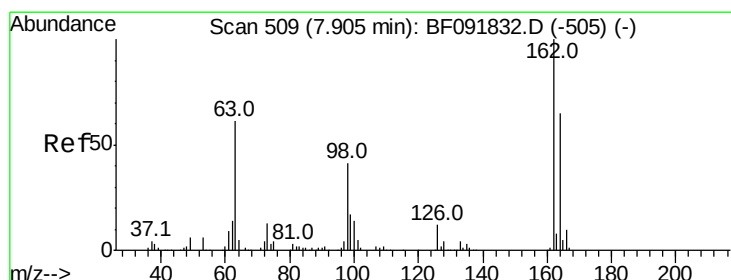
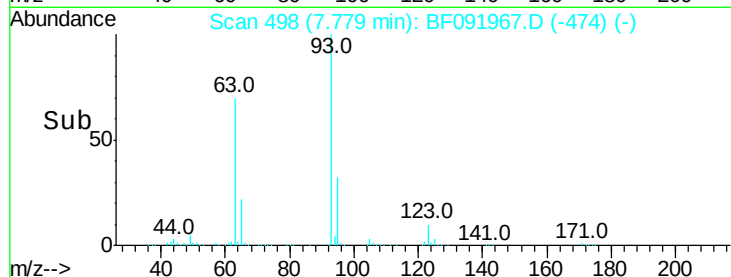
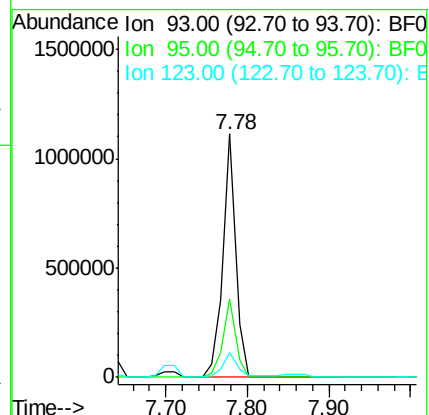
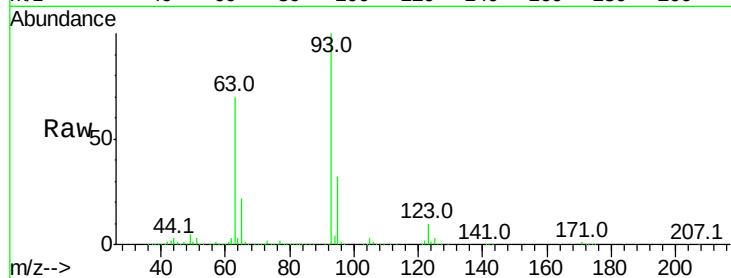
Tot Ion: 93 Resp: 1220052

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	10.4	8.6	13.0

93 100

95 32.4 26.5 39.7

123 10.4 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 54.85 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

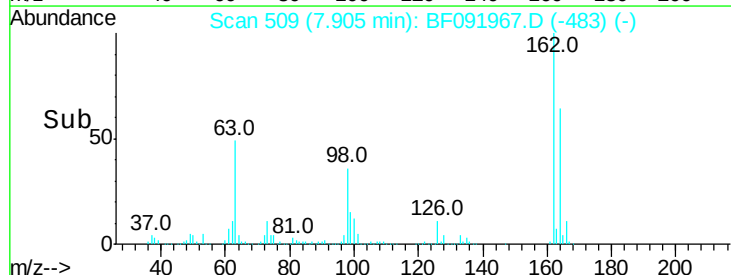
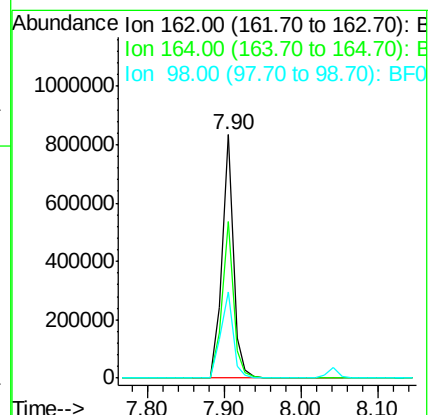
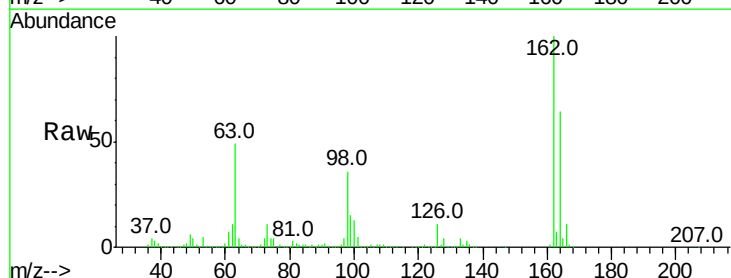
Tgt Ion: 162 Resp: 866317

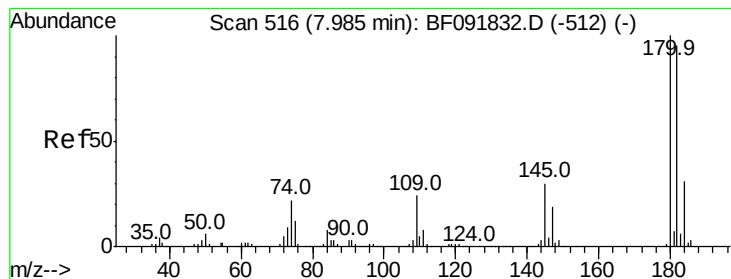
Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.8	86.8
98	35.7	9.1	49.1

162 100

164 64.2 46.8 86.8

98 35.7 9.1 49.1





#30

1,2,4-Trichlorobenzene

Concen: 49.43 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

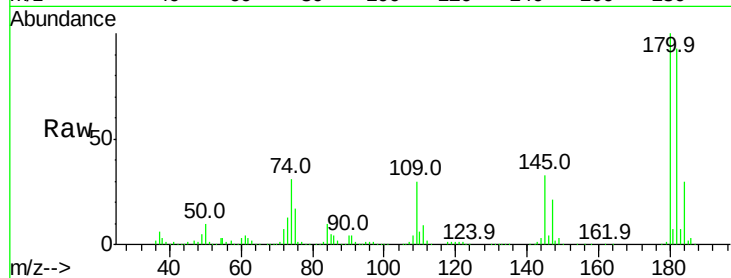
Tot Ion:180 Resp: 855433

Ion Ratio Lower Upper

180 100

182 92.9 78.2 117.4

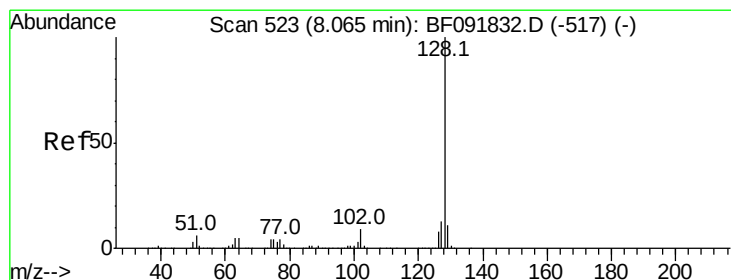
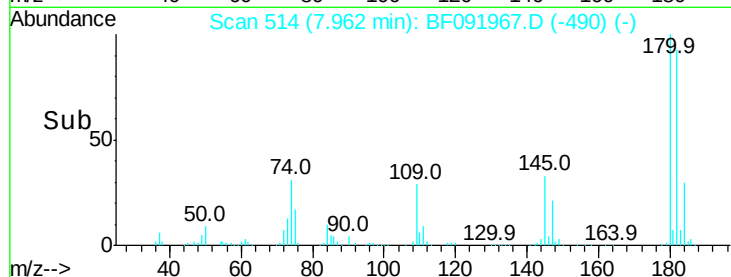
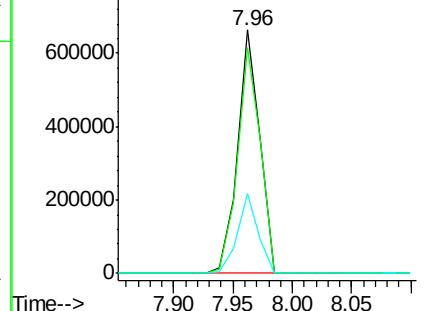
145 32.5 21.6 32.4#



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 48.56 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

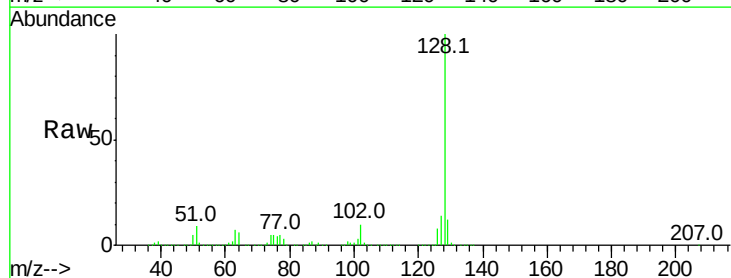
Tgt Ion:128 Resp: 2645814

Ion Ratio Lower Upper

128 100

129 12.1 9.5 14.3

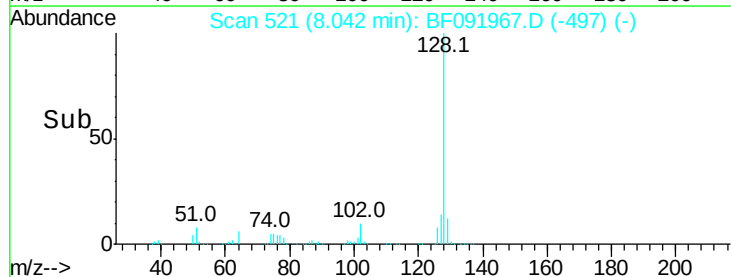
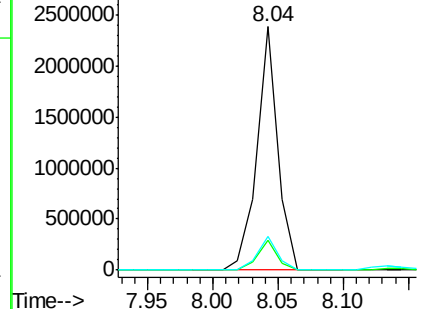
127 13.7 10.8 16.2

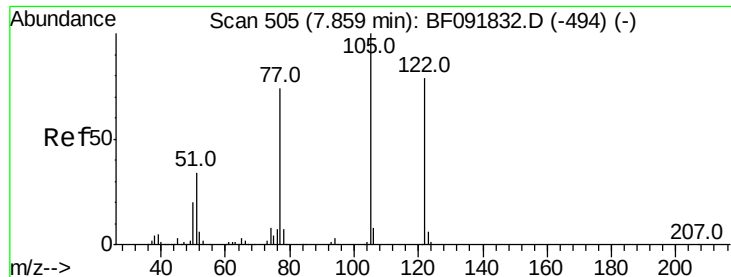


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 46.86 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

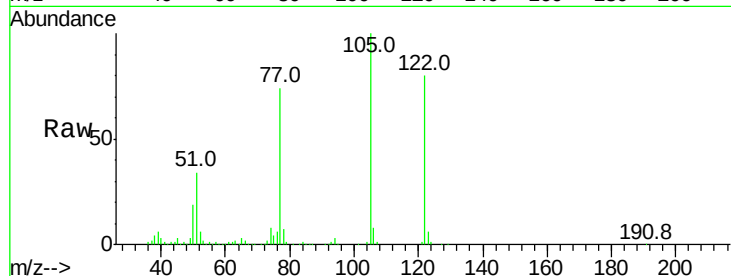
Tot Ion:122 Resp: 648274

Ion Ratio Lower Upper

122 100

105 125.5 107.2 147.2

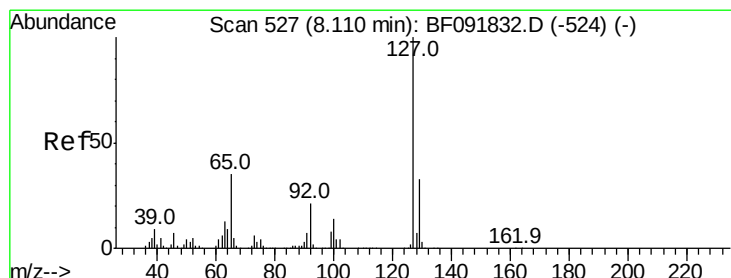
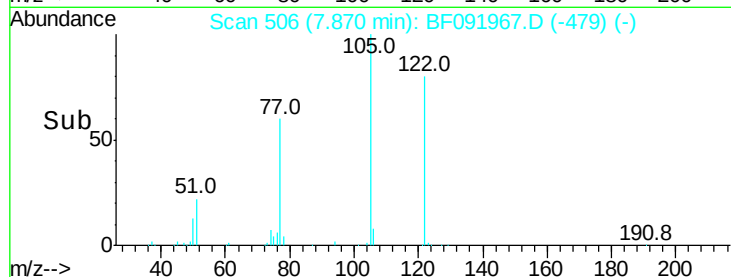
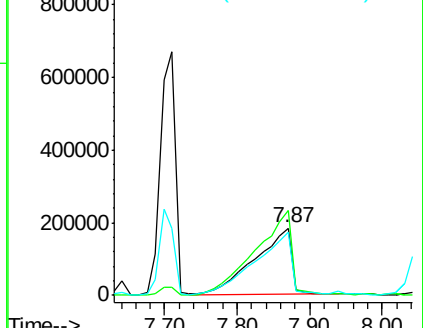
77 92.9 74.5 114.5



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: 4.22 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.02 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Tgt Ion:127 Resp: 103786

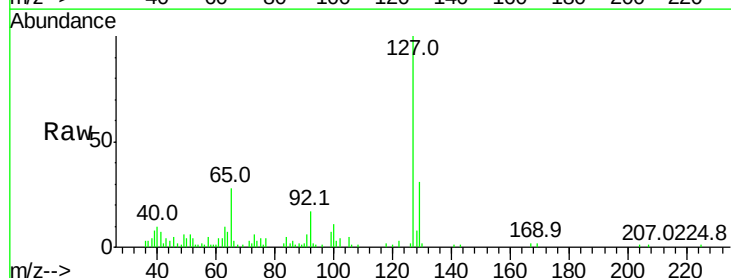
Ion Ratio Lower Upper

127 100

129 30.9 26.3 39.5

65 28.1 25.8 38.8

92 17.0 16.1 24.1

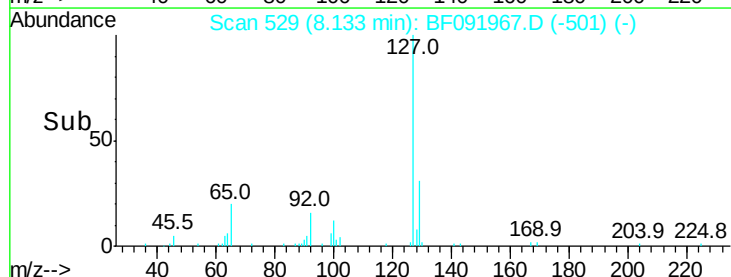
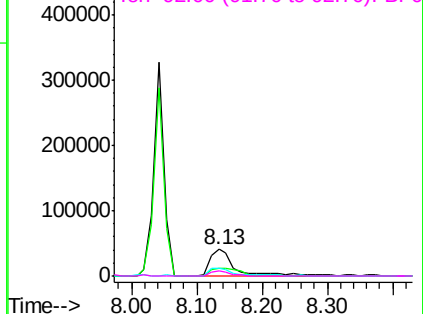


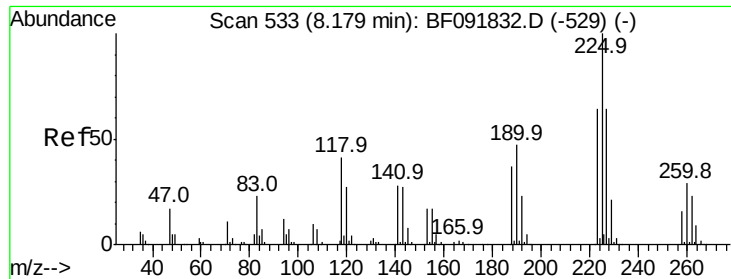
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 53.40 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

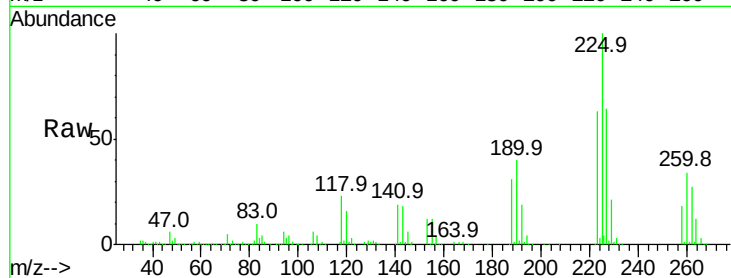
Tot Ion:225 Resp: 487886

Ion Ratio Lower Upper

225 100

223 62.6 51.0 76.6

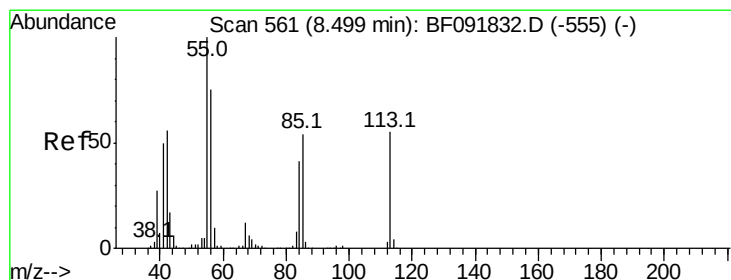
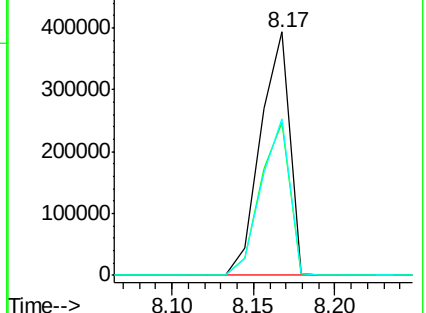
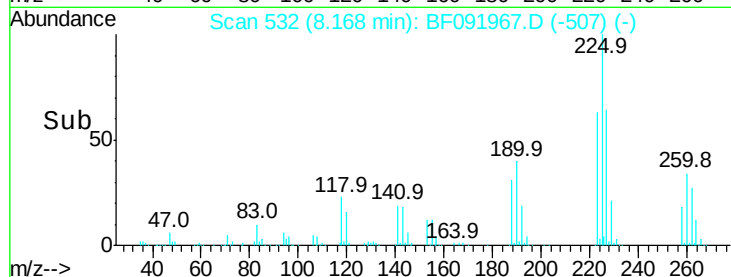
227 64.1 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 45.55 ng m

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

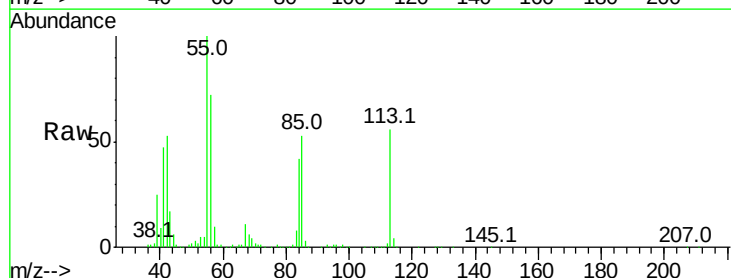
Tgt Ion:113 Resp: 236429

Ion Ratio Lower Upper

113 100

55 178.6 119.2 159.2#

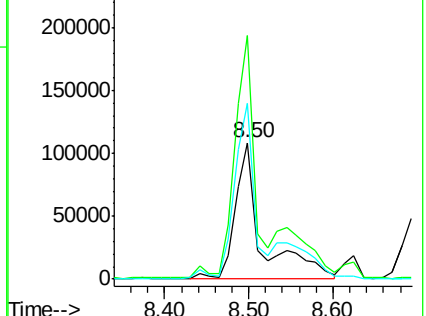
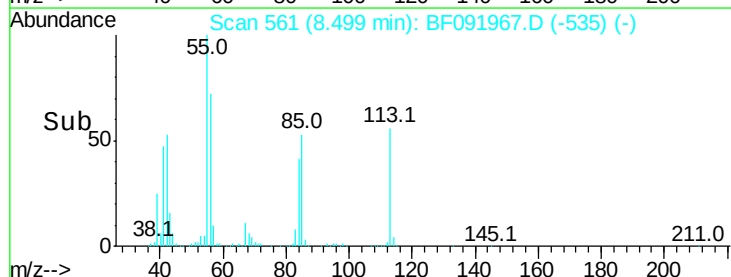
56 129.2 83.8 123.8#

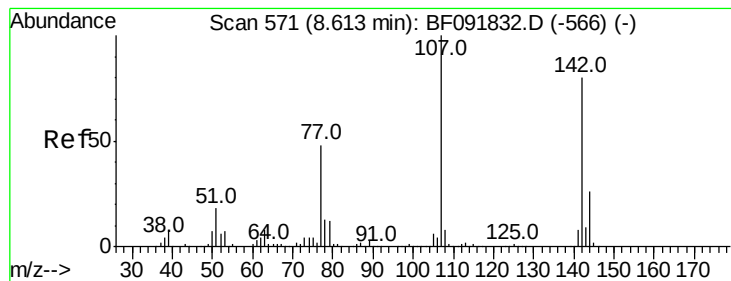


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 43.36 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

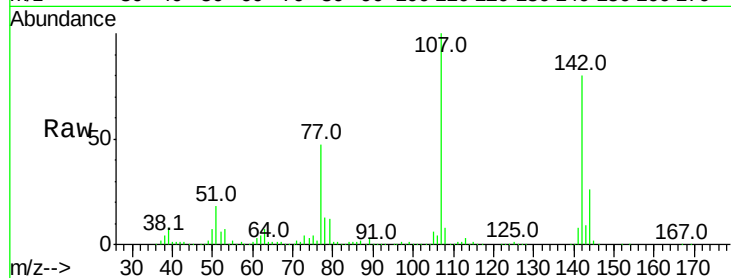
Tot Ion:107 Resp: 788122

Ion Ratio Lower Upper

107 100

144 26.1 19.3 28.9

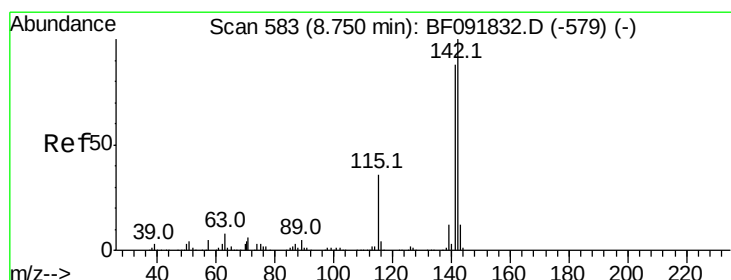
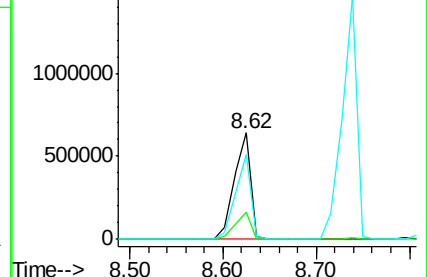
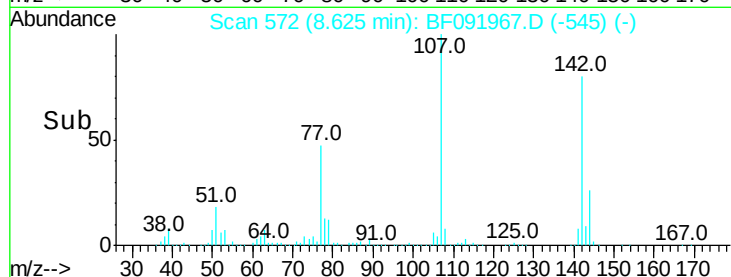
142 79.7 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 43.75 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

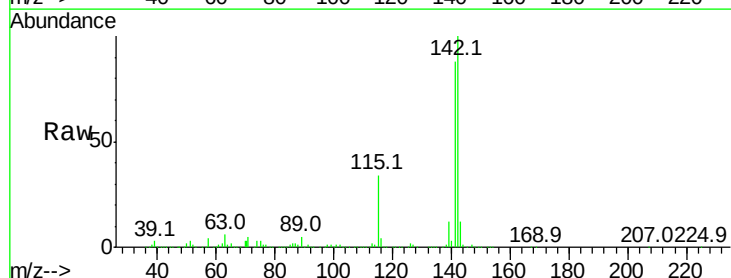
Tgt Ion:142 Resp: 1634923

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.6

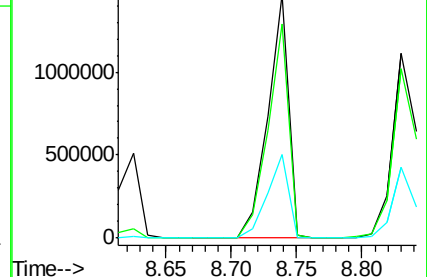
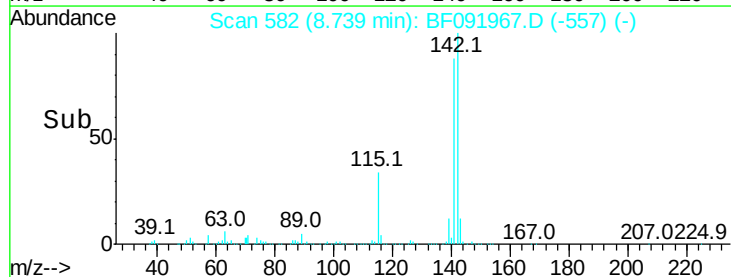
115 34.4 28.3 42.5

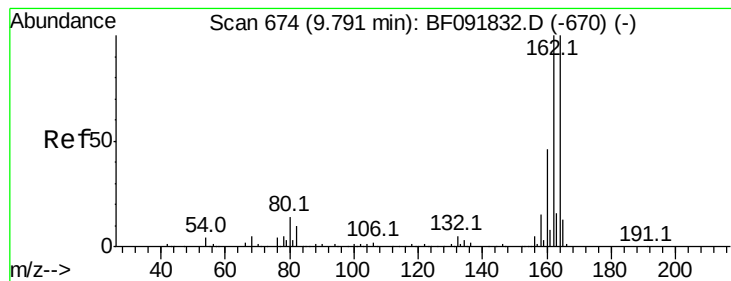


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

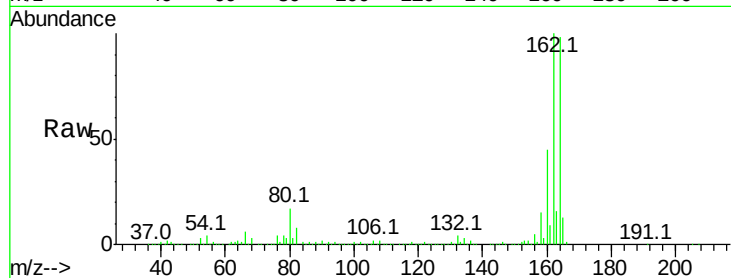
Tot Ion:164 Resp: 510158

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

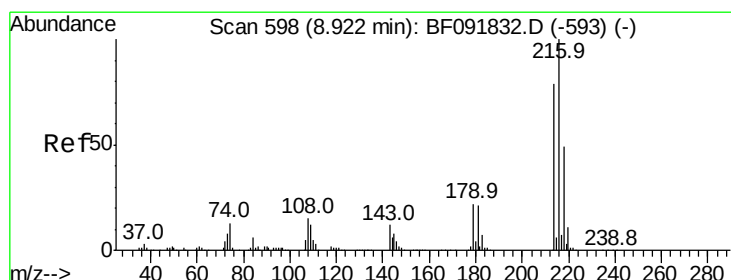
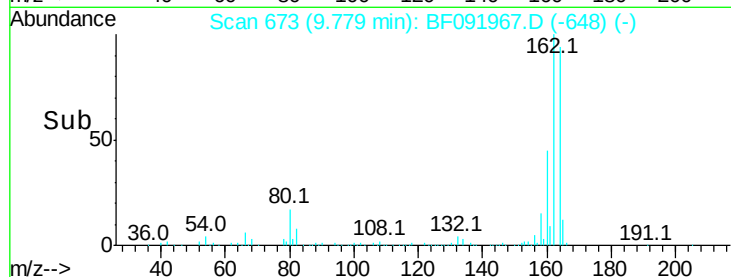
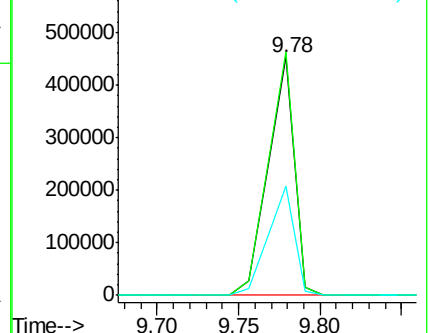
160 45.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.18 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Tgt Ion:216 Resp: 633945

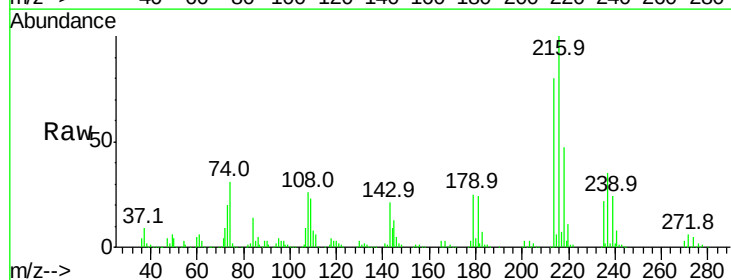
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.0

179 21.7 17.4 26.2

108 21.5 15.6 23.4

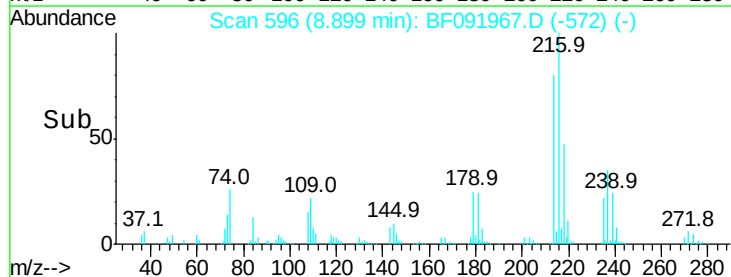
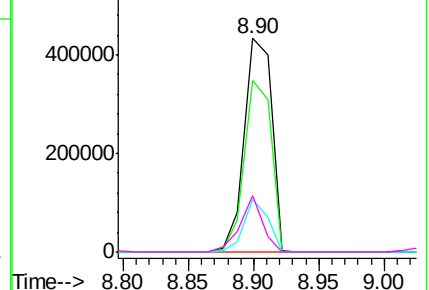


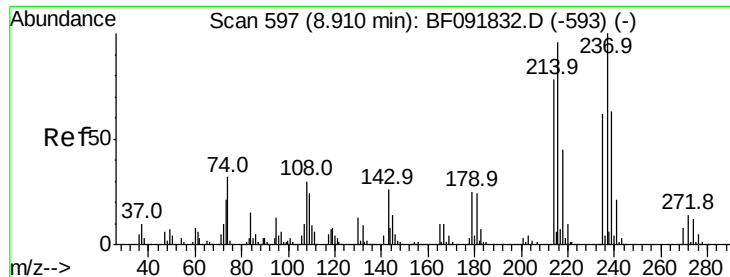
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

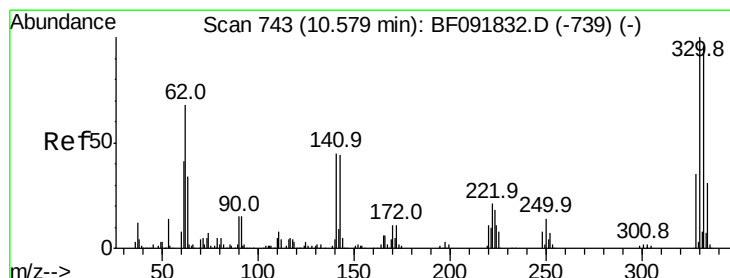
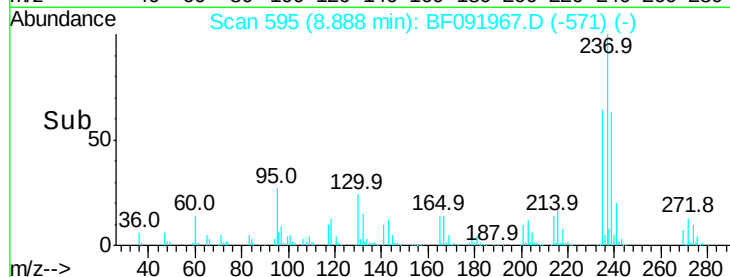
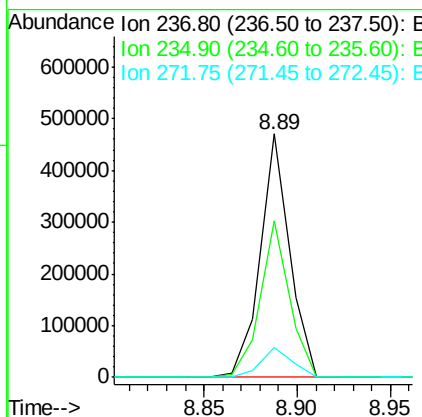
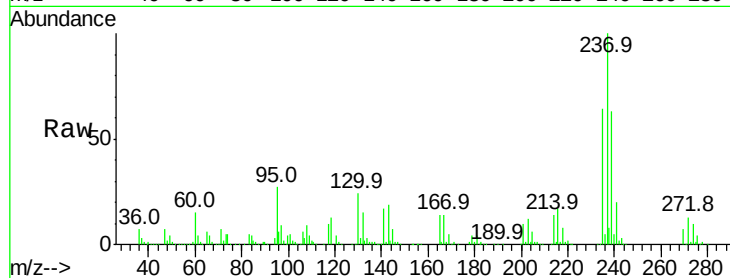




#40
Hexachlorocyclopentadiene
Concen: 88.66 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

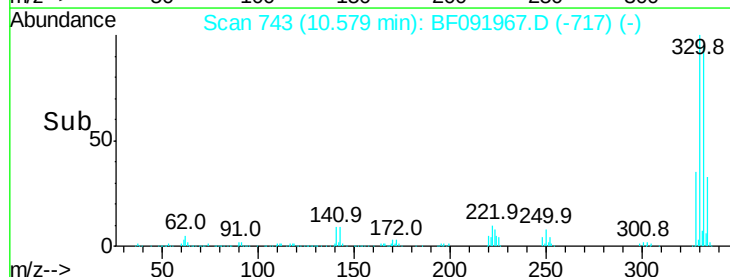
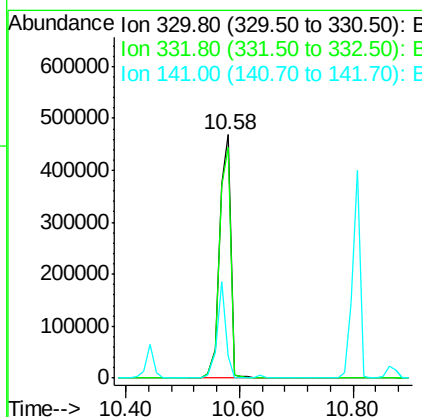
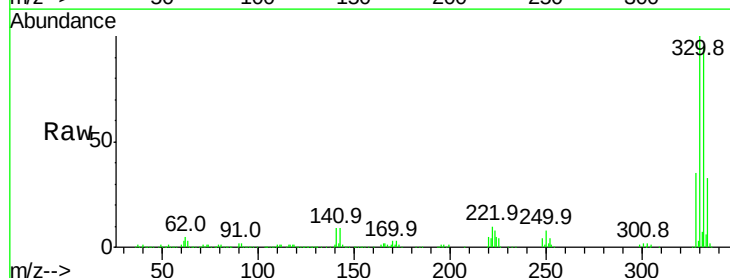
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

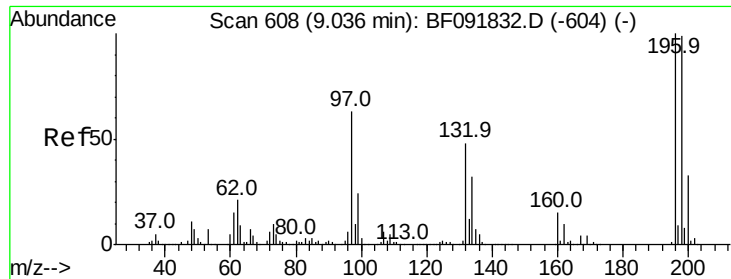
Tot Ion:237 Resp: 511565
Ion Ratio Lower Upper
237 100
235 64.2 41.2 81.2
272 12.5 0.0 35.4



#41
2,4,6-Tribromophenol
Concen: 150.38 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Tgt Ion:330 Resp: 634912
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 31.3 34.1 51.1#

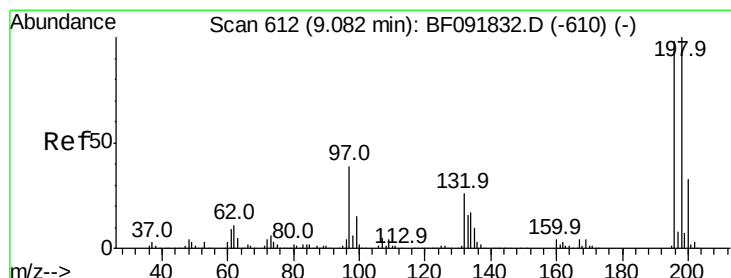
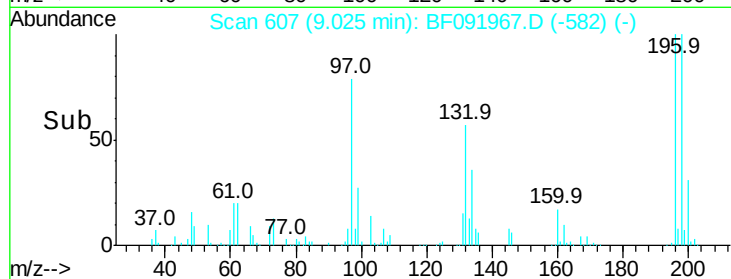
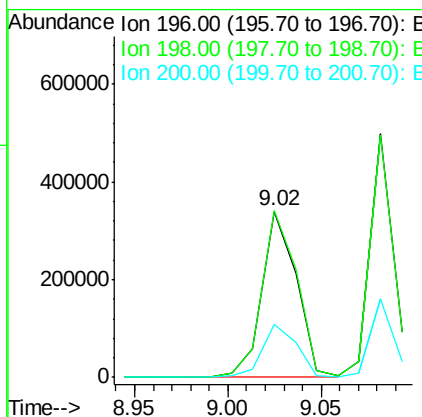
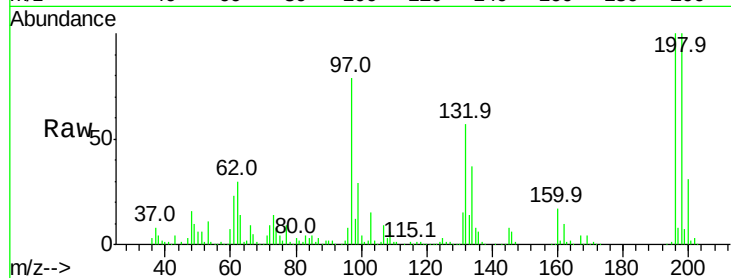




#42
 2,4,6-Trichlorophenol
 Concen: 48.35 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

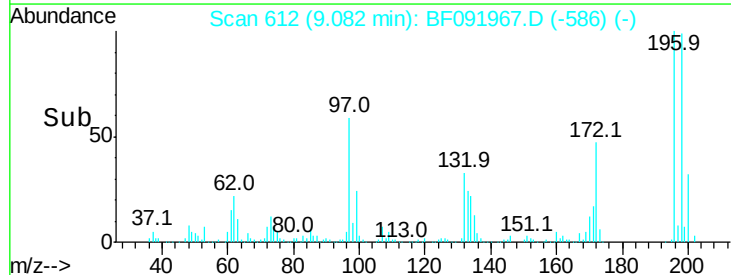
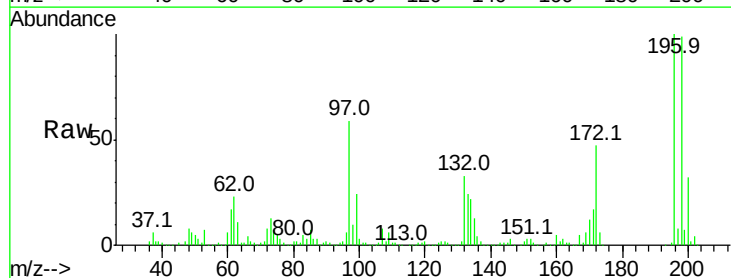
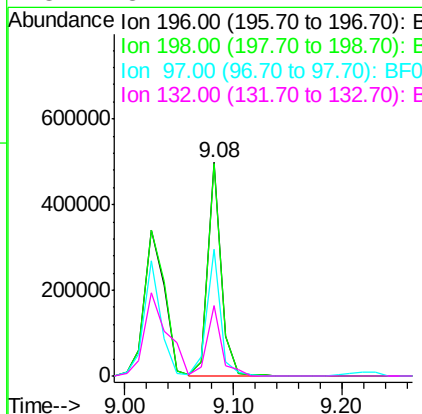
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MSD

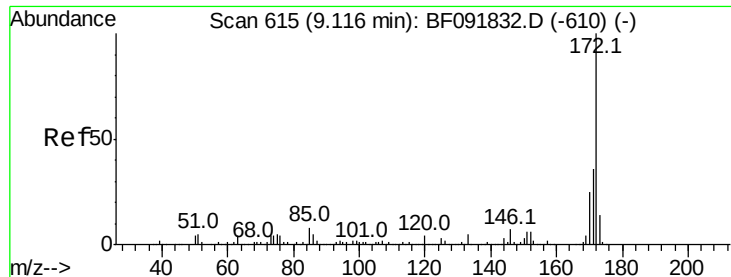
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.3	82.1	123.1
200	31.5	27.0	40.4



#43
 2,4,5-Trichlorophenol
 Concen: 47.06 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.4	119.2
97	59.2	51.5	77.3
132	32.7	27.4	41.2





#44

2-Fluorobiphenyl

Concen: 104.90 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

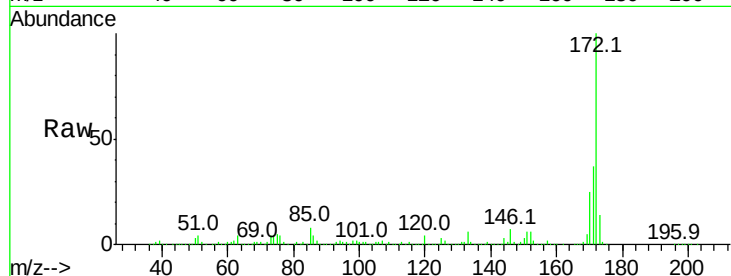
BNA_F

ClientSampleId :

IDW-01-122116MSD

Tot Ion:172 Resp: 2536644

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	25.2	20.2	30.4

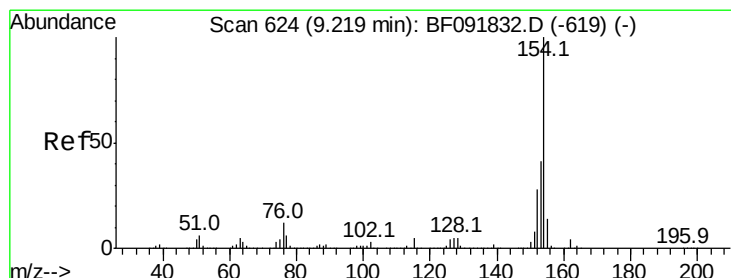
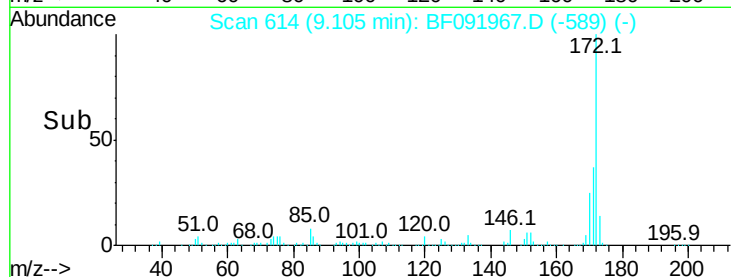
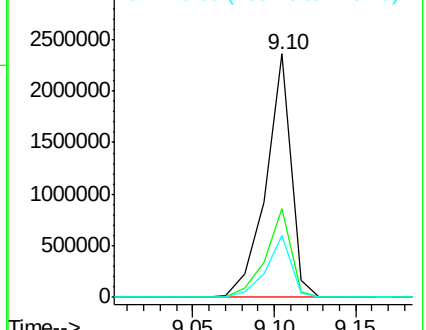


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 57.21 ng

RT: 9.21 min Scan# 623

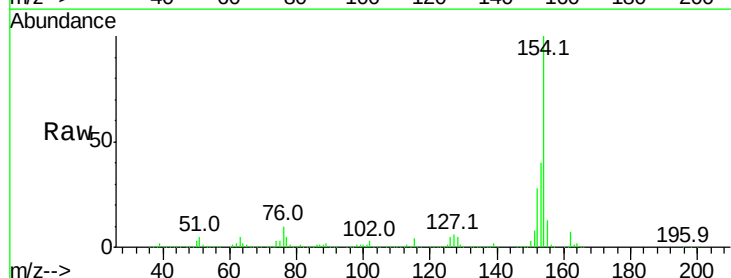
Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Tgt Ion:154 Resp: 1998285

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	9.9	0.0	30.5

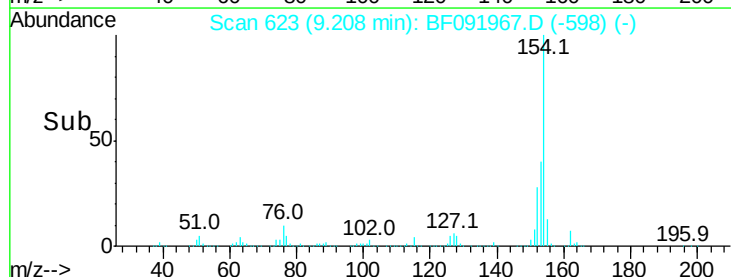
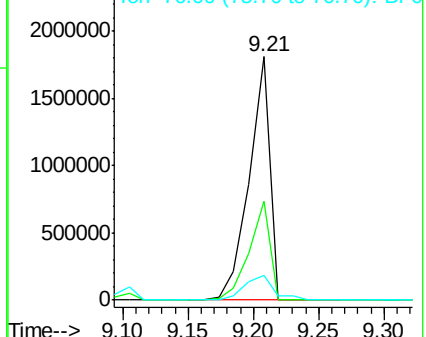


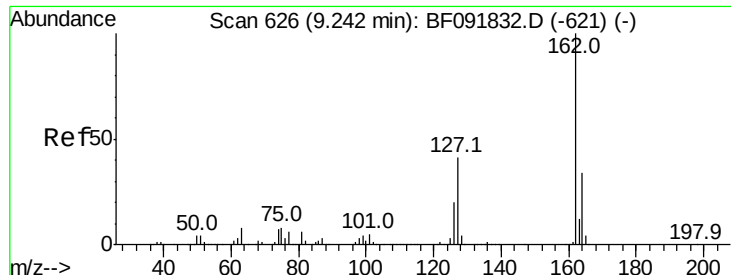
Abundance

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

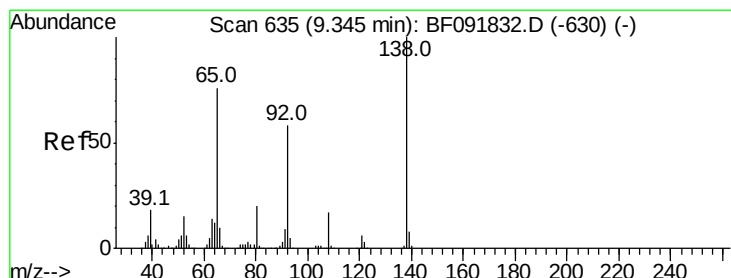
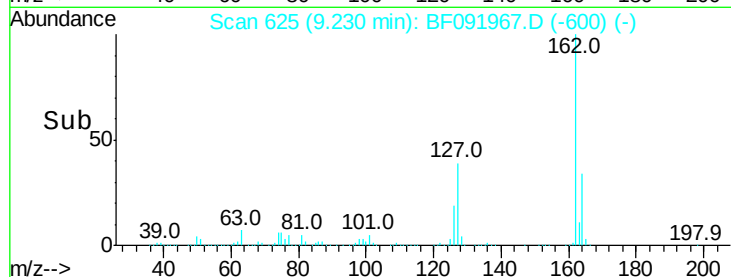
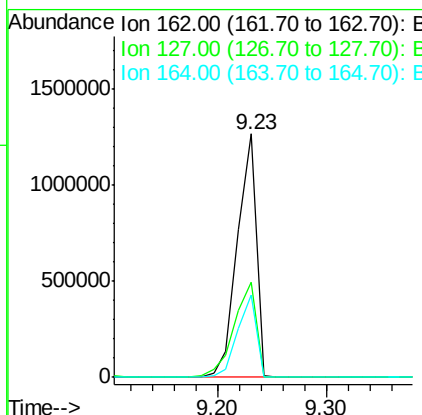
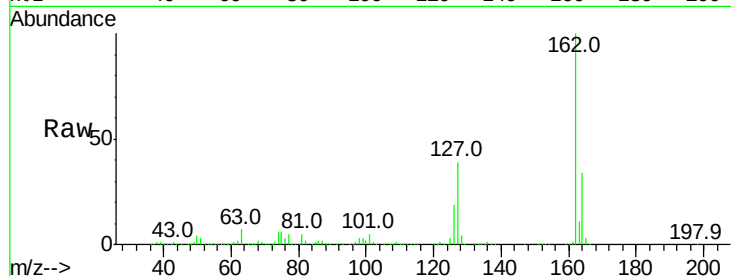




#46
2-Chloronaphthalene
Concen: 54.33 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

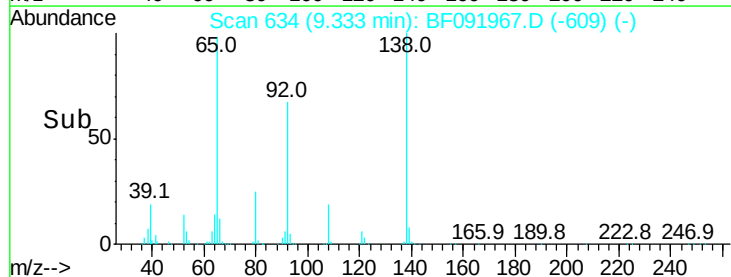
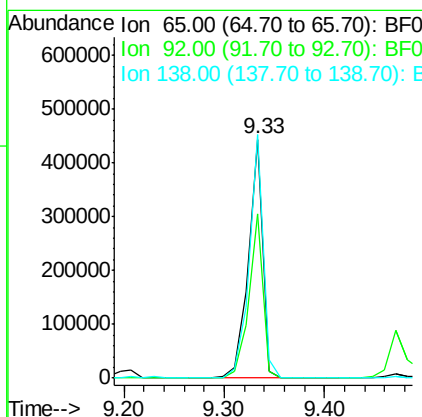
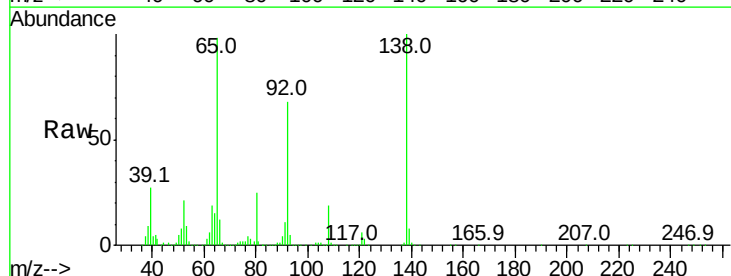
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

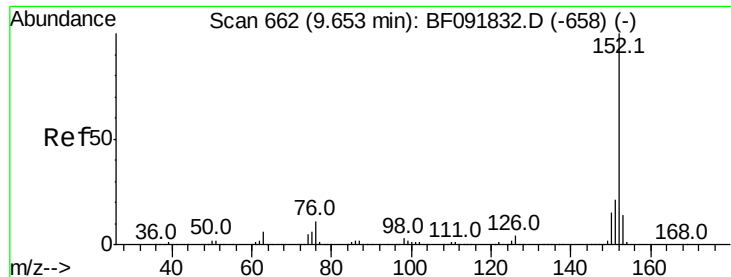
Tot Ion:162 Resp: 1502826
Ion Ratio Lower Upper
162 100
127 38.9 30.7 46.1
164 34.0 27.6 41.4



#47
2-Nitroaniline
Concen: 44.96 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Tgt Ion: 65 Resp: 442773
Ion Ratio Lower Upper
65 100
92 68.9 53.9 80.9
138 101.9 76.8 115.2





#48

Acenaphthylene

Concen: 49.46 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

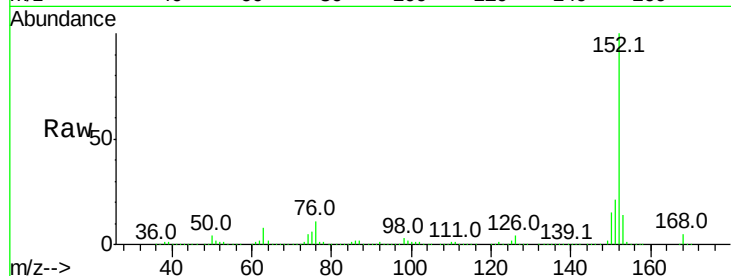
Tot Ion:152 Resp: 2104134

Ion Ratio Lower Upper

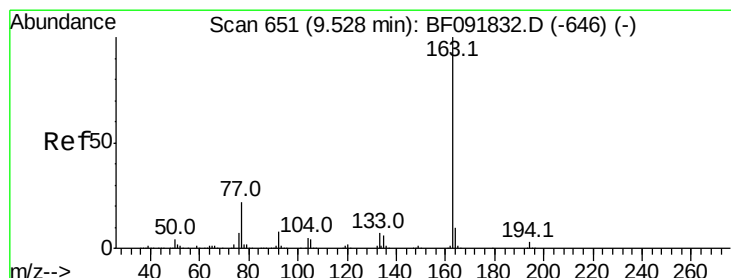
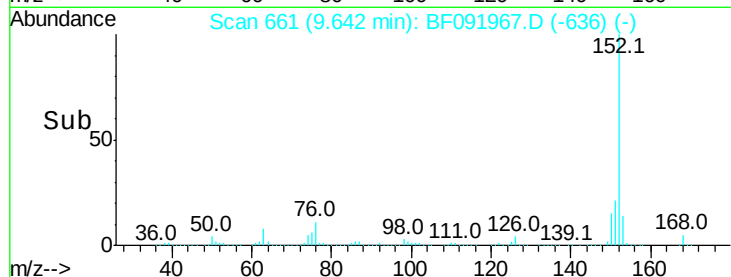
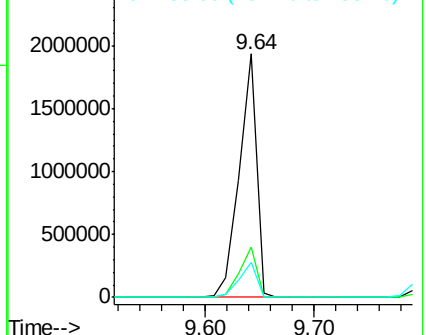
152 100

151 20.7 16.9 25.3

153 14.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 50.80 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

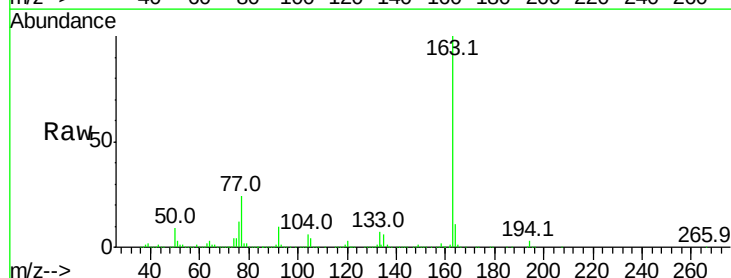
Tgt Ion:163 Resp: 1657527

Ion Ratio Lower Upper

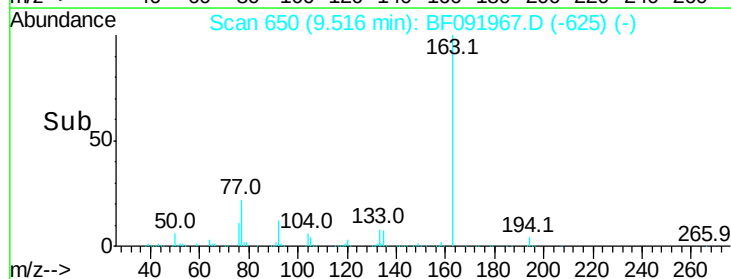
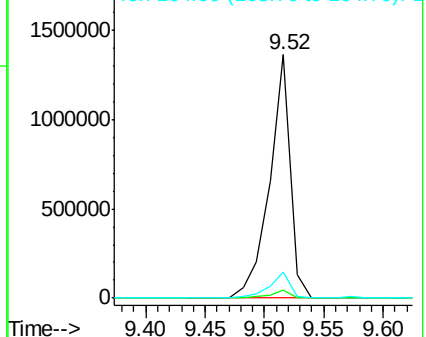
163 100

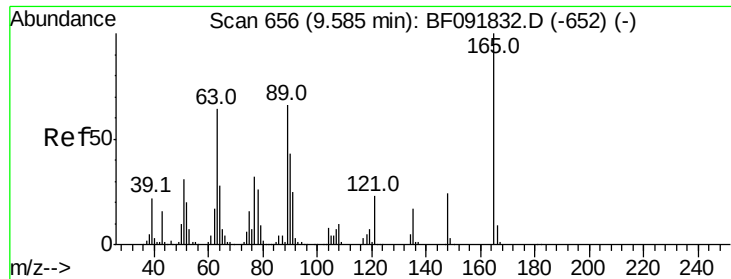
194 3.3 3.0 4.4

164 10.5 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

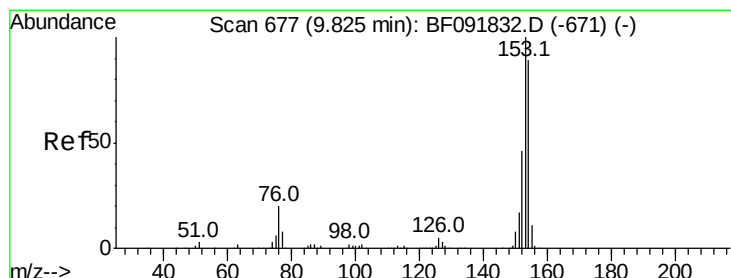
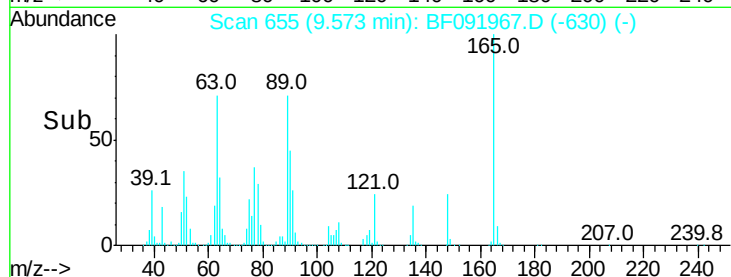
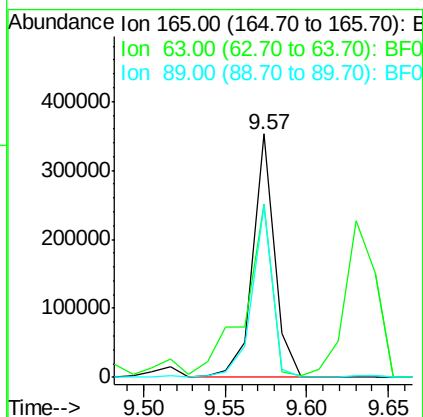
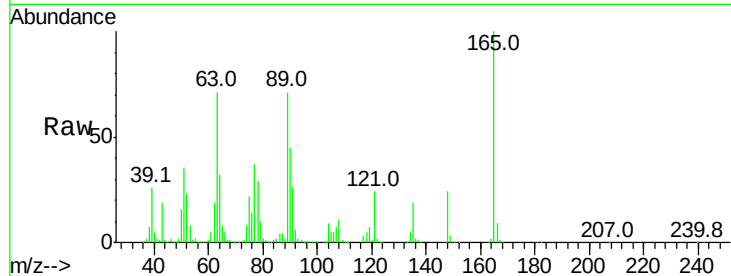




#50
2,6-Dinitrotoluene
Concen: 46.24 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

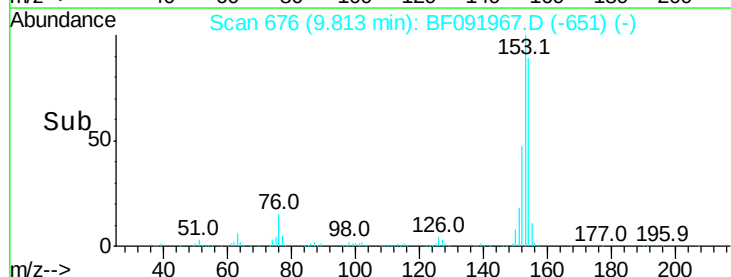
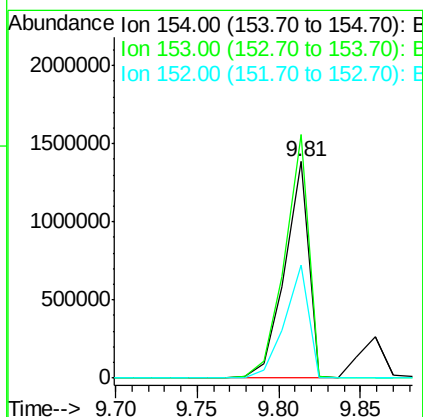
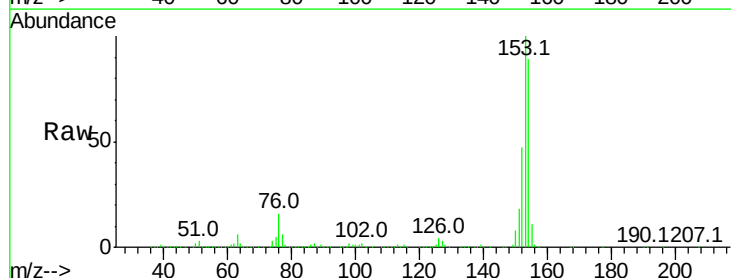
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

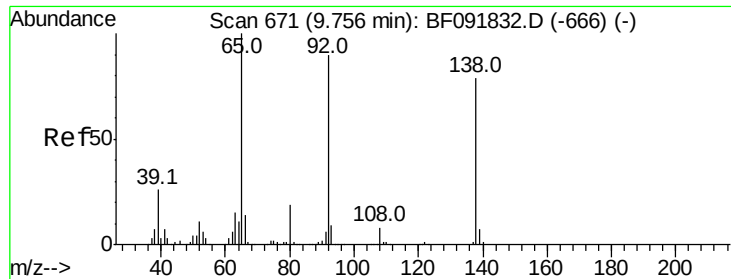
Tot Ion:165 Resp: 330243
Ion Ratio Lower Upper
165 100
63 71.1 36.2 54.4#
89 70.8 40.2 60.4#



#51
Acenaphthene
Concen: 49.73 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Tgt Ion:154 Resp: 1434292
Ion Ratio Lower Upper
154 100
153 112.6 88.6 133.0
152 52.5 41.6 62.4

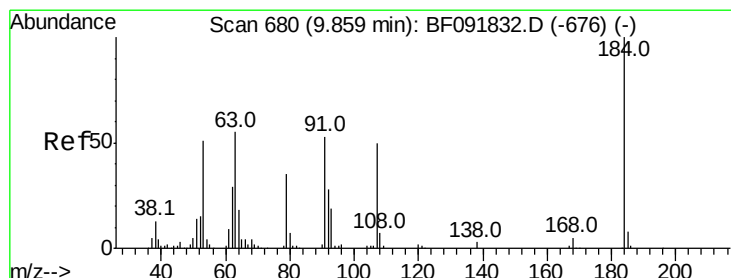
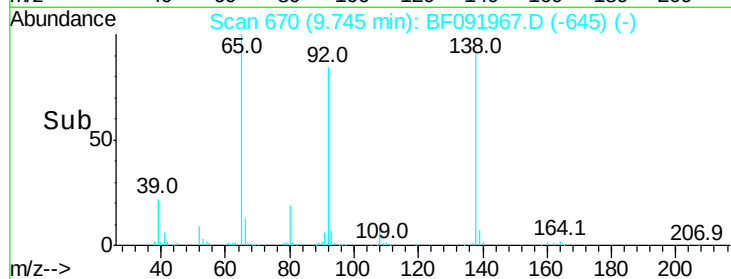
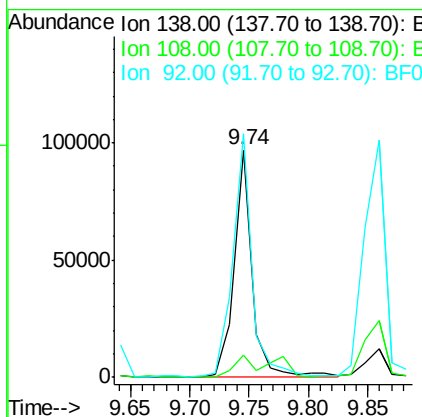
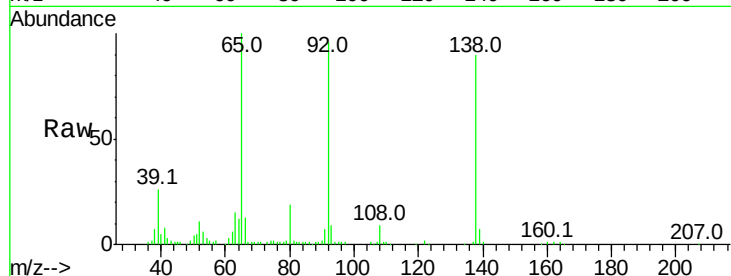




#52
 3-Nitroaniline
 Concen: 11.75 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

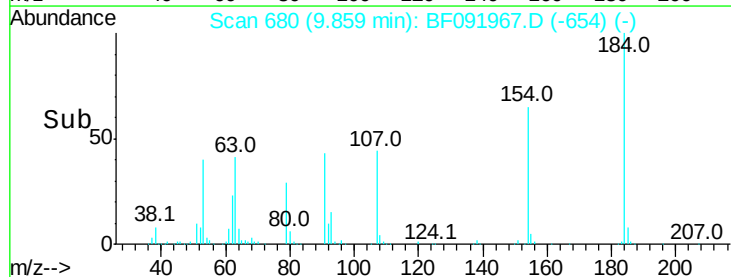
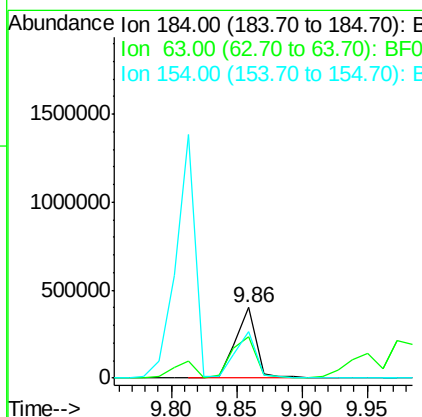
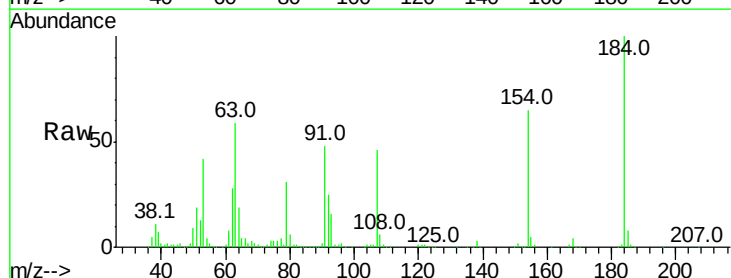
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MSD

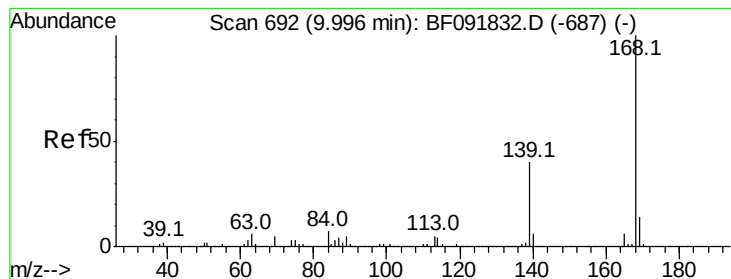
Tot Ion:138 Resp: 103809
 Ion Ratio Lower Upper
 138 100
 108 9.6 8.5 12.7
 92 107.0 97.8 146.8



#53
 2,4-Dinitrophenol
 Concen: 113.15 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Tgt Ion:184 Resp: 449650
 Ion Ratio Lower Upper
 184 100
 63 59.0 28.4 42.6#
 154 65.5 44.3 66.5





#54

Dibenzofuran

Concen: 45.96 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

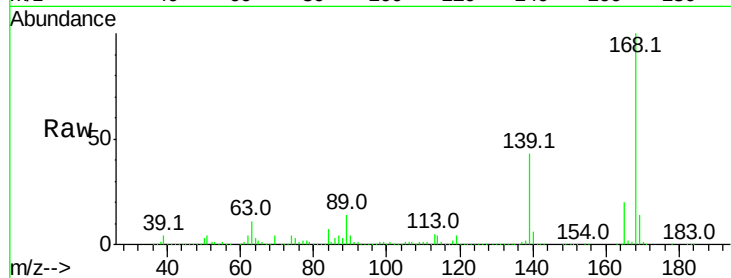
Tot Ion:168 Resp: 1790018

Ion Ratio Lower Upper

168 100

139 43.2 32.6 49.0

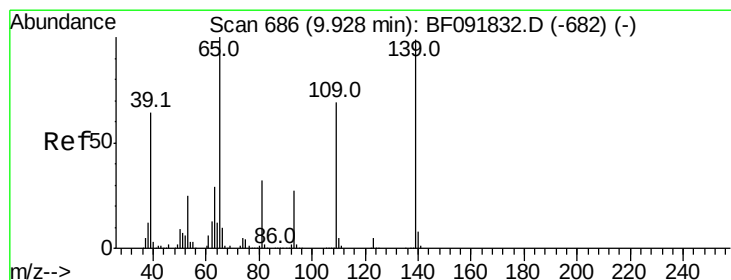
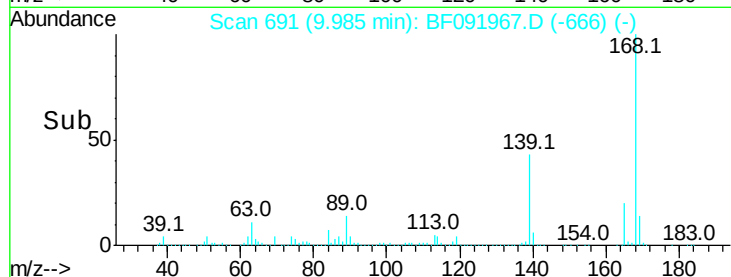
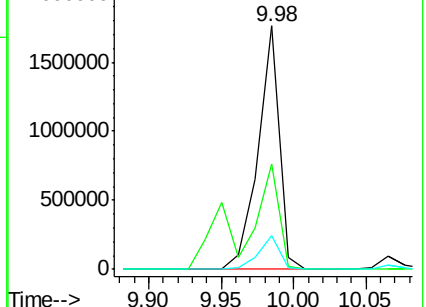
169 14.0 11.3 16.9



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: 90.68 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

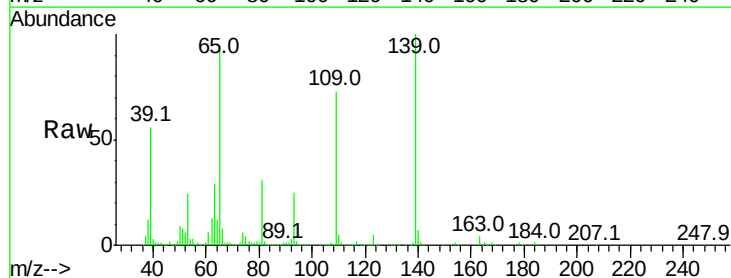
Tgt Ion:139 Resp: 544154

Ion Ratio Lower Upper

139 100

109 73.1 52.2 92.2

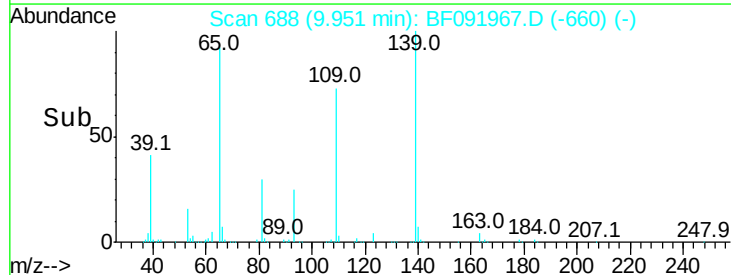
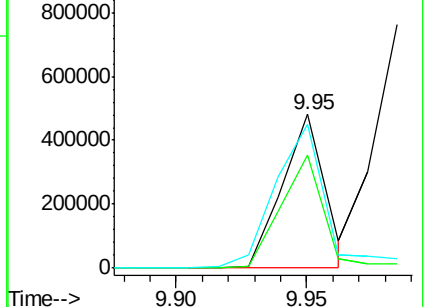
65 93.9 85.8 125.8

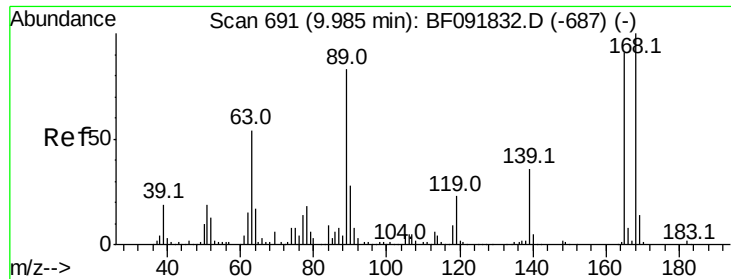


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

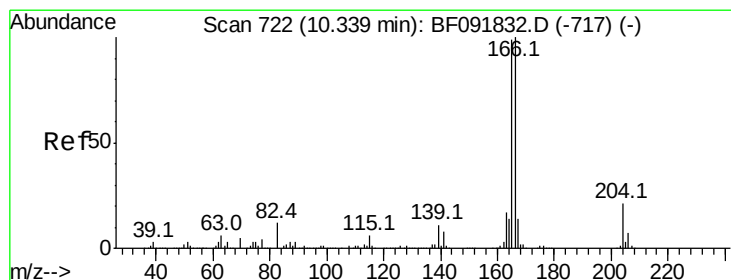
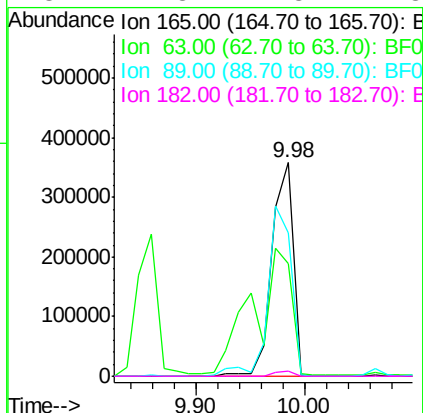
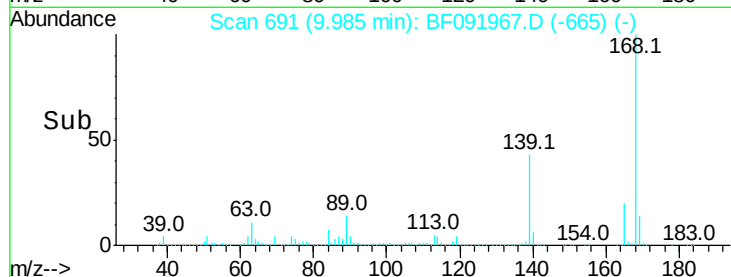
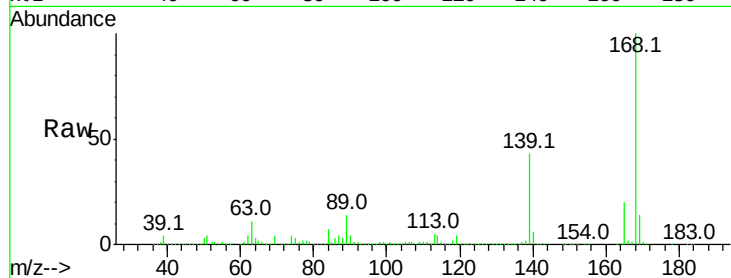




#56
 2,4-Dinitrotoluene
 Concen: 54.28 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

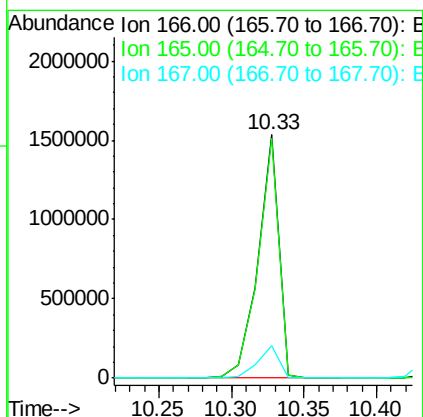
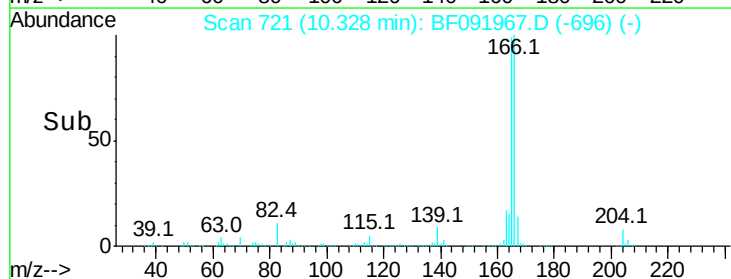
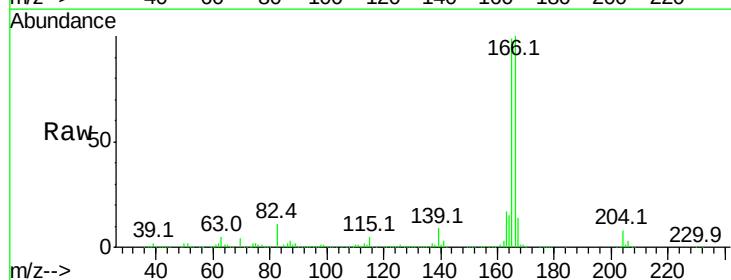
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MSD

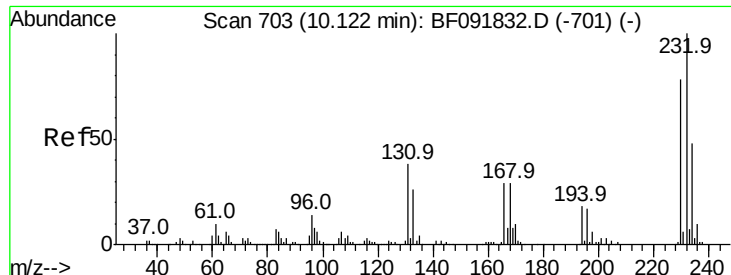
Tot Ion:	165	Resp:	486561
Ion	Ratio	Lower	Upper
165	100		
63	52.8	40.2	60.4
89	67.1	62.5	93.7
182	2.3	1.8	2.8



#57
 Fluorene
 Concen: 53.63 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Tgt Ion:	166	Resp:	1519915
Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	13.5	10.8	16.2

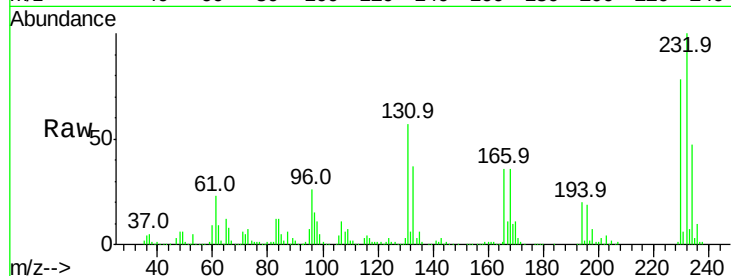




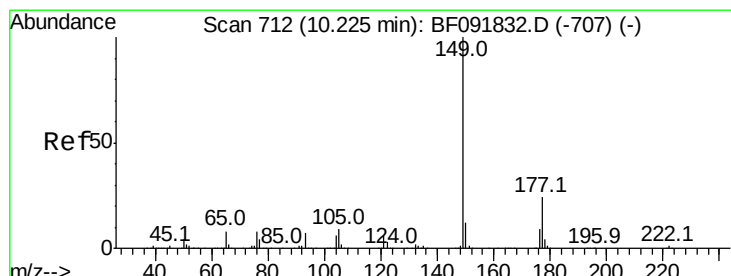
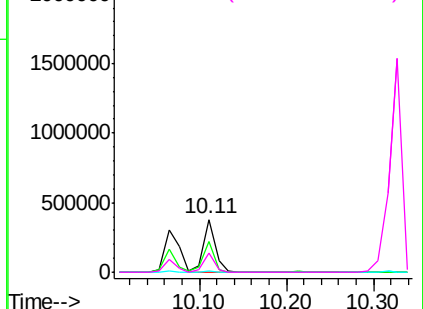
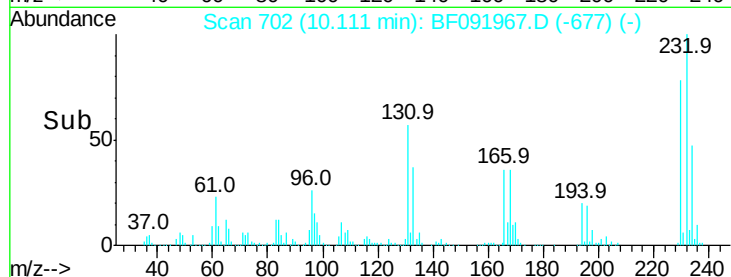
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.51 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MSD

Tot Ion:232 Resp: 363290
 Ion Ratio Lower Upper
 232 100
 131 53.1 40.1 60.1
 130 2.7 1.8 2.8
 166 33.0 26.6 39.8

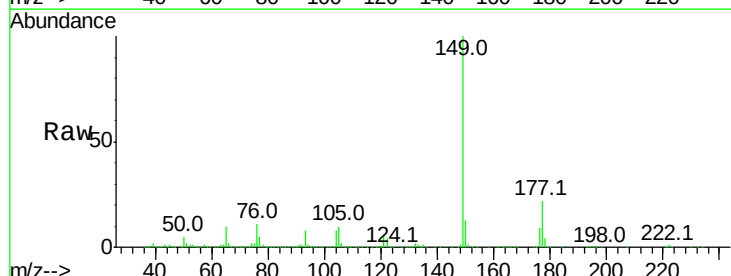


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

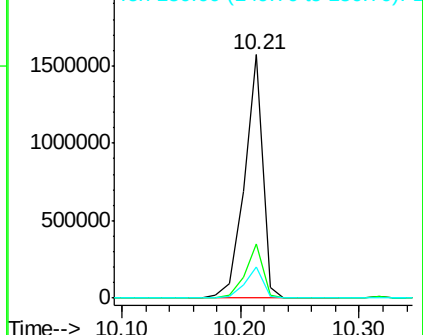
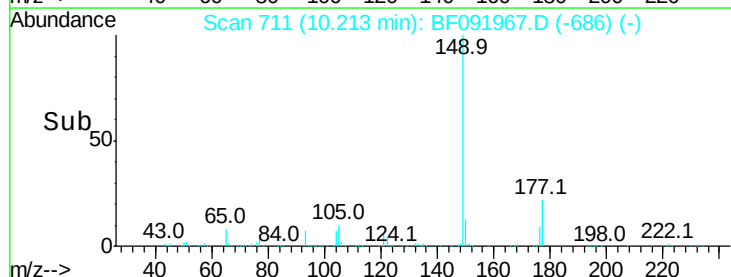


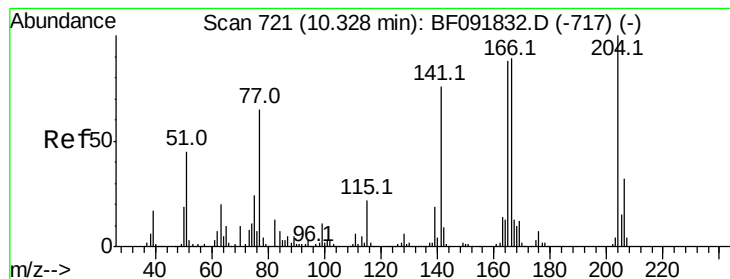
#59
 Diethylphthalate
 Concen: 52.89 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Tgt Ion:149 Resp: 1675963
 Ion Ratio Lower Upper
 149 100
 177 22.2 16.6 25.0
 150 12.6 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: 46.57 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

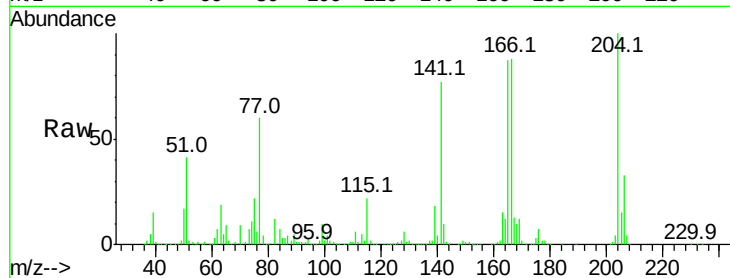
Tot Ion:204 Resp: 577812

Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.6

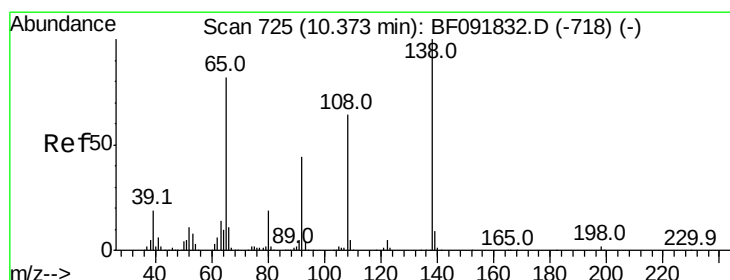
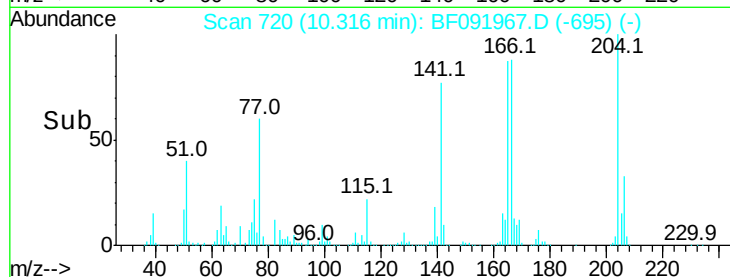
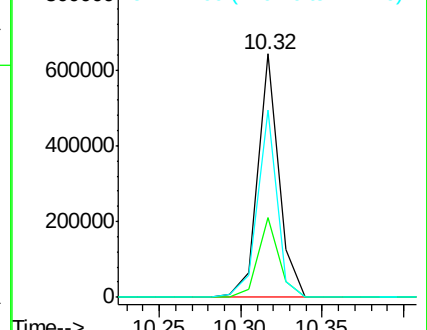
141 76.8 59.4 89.0



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: 27.21 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

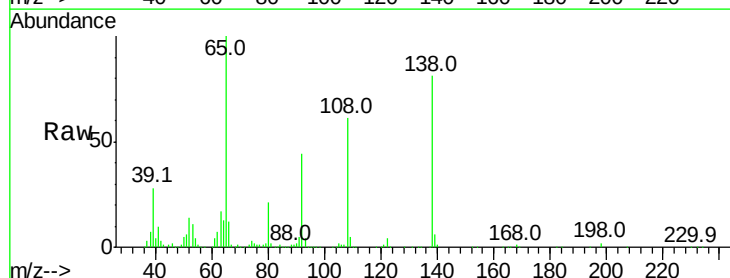
Tgt Ion:138 Resp: 249233

Ion Ratio Lower Upper

138 100

92 54.3 31.7 71.7

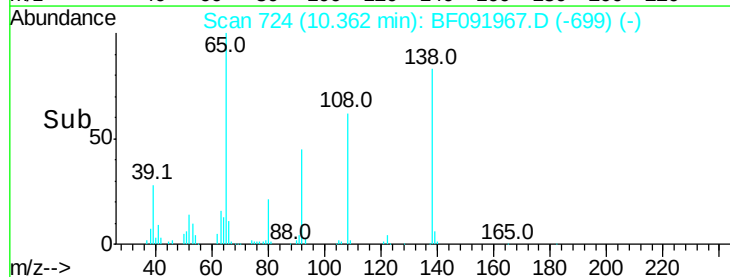
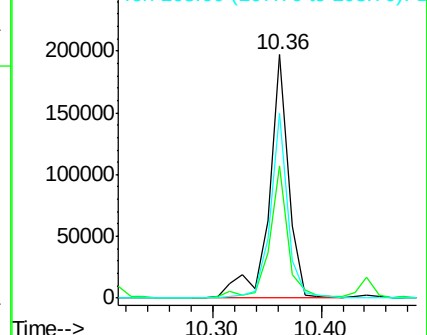
108 76.1 52.6 92.6

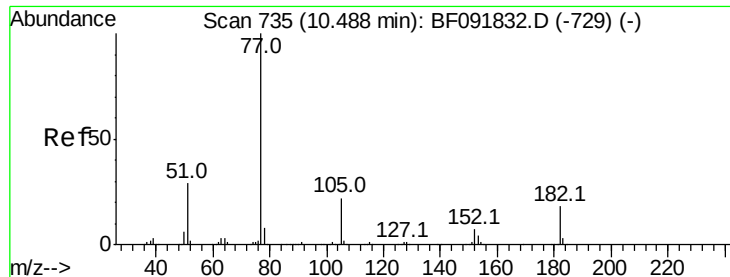


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 49.32 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

Tot Ion: 77 Resp: 1720778

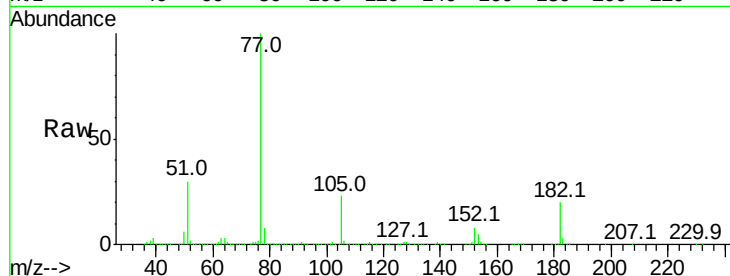
Ion Ratio Lower Upper

77 100

182 19.8 0.0 39.3

105 22.5 2.3 42.3

51 29.8 8.9 48.9

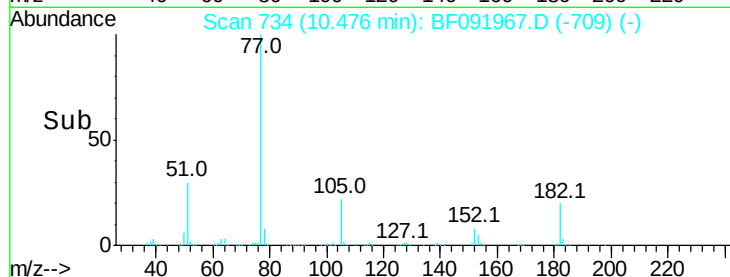


Abundance Ion 77.00 (76.70 to 77.70): BF0

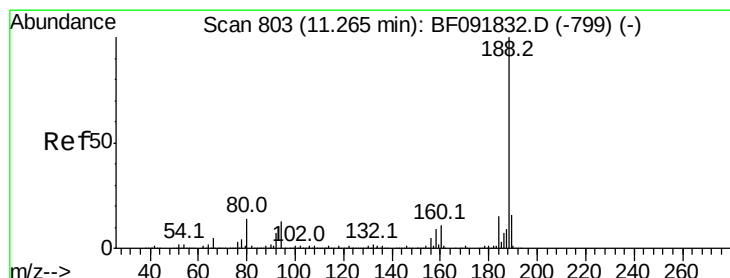
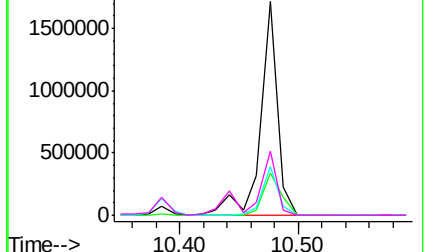
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

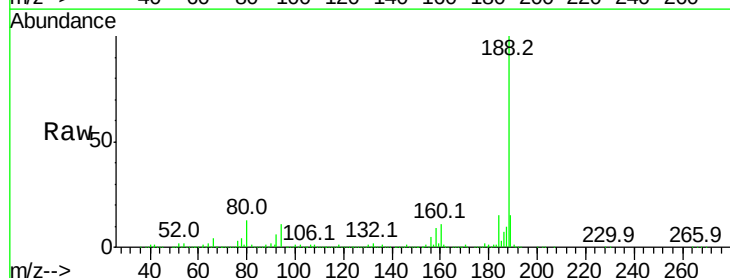
Tgt Ion: 188 Resp: 779277

Ion Ratio Lower Upper

188 100

94 11.3 10.0 15.0

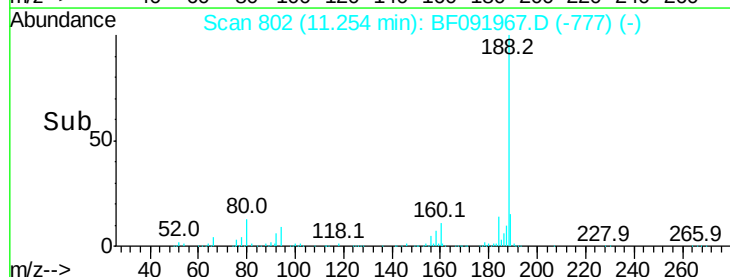
80 12.8 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

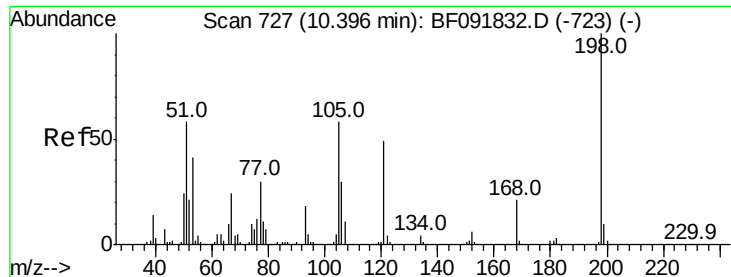
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





#64

4,6-Dinitro-2-methylphenol

Concen: 58.67 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

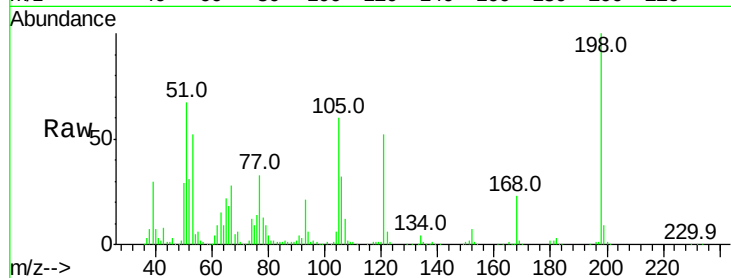
Tot Ion:198 Resp: 276479

Ion Ratio Lower Upper

198 100

51 66.5 6.7 46.7#

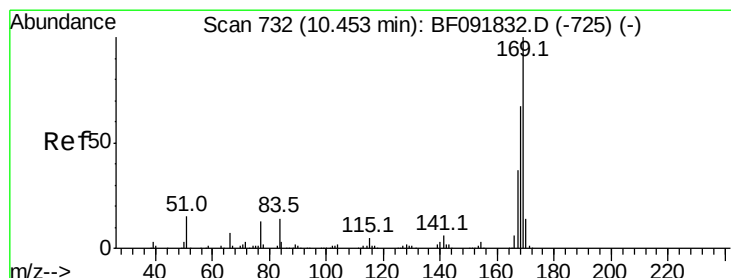
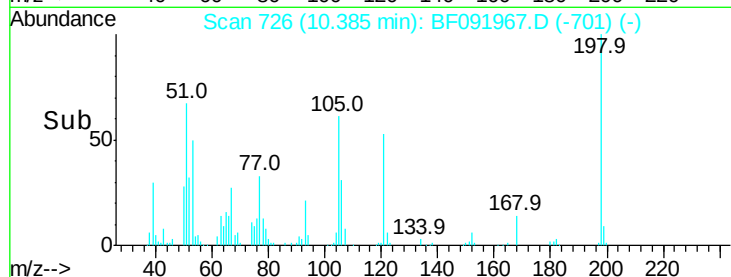
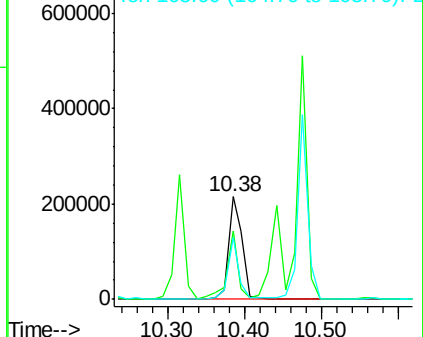
105 60.4 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 48.76 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

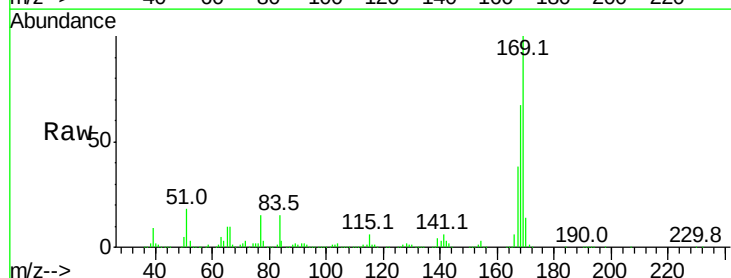
Tgt Ion:169 Resp: 1127429

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

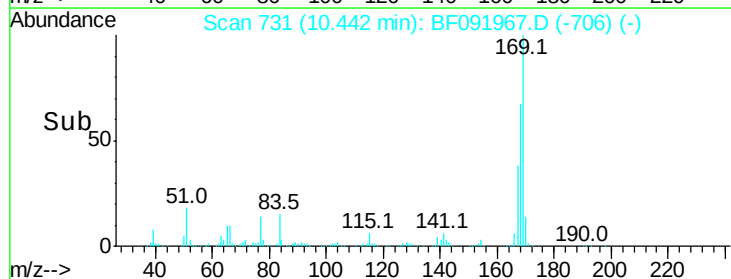
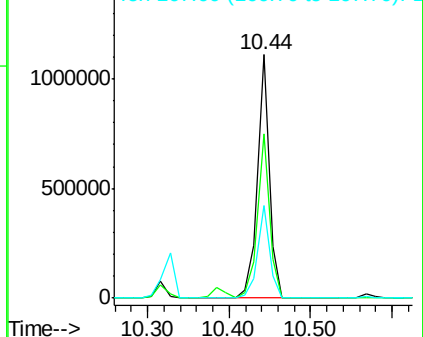
167 37.9 30.2 45.4

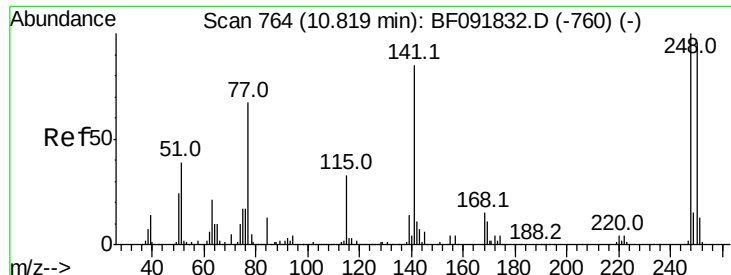


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

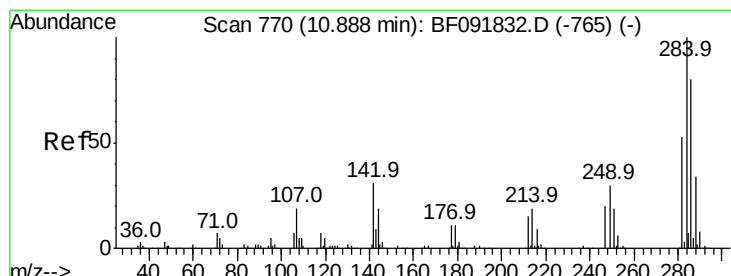
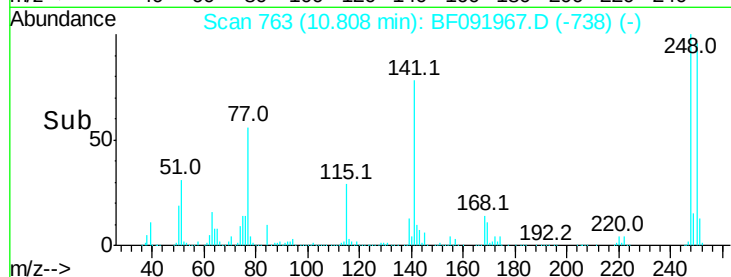
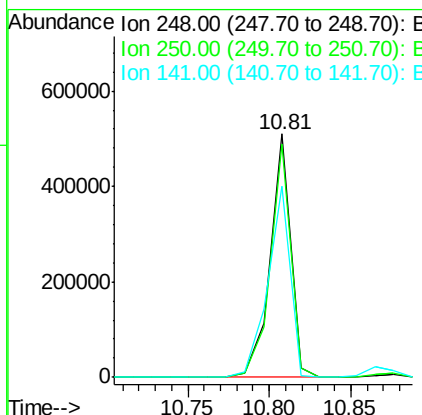
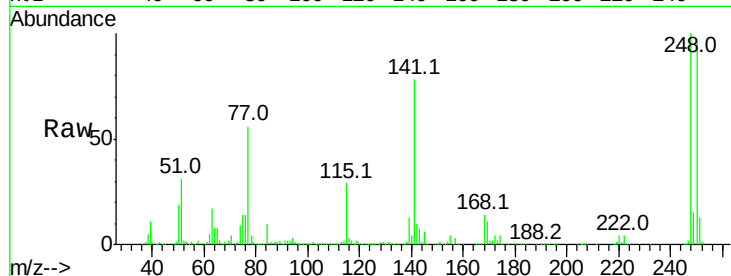




#66
4-Bromophenyl-phenylether
Concen: 55.41 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

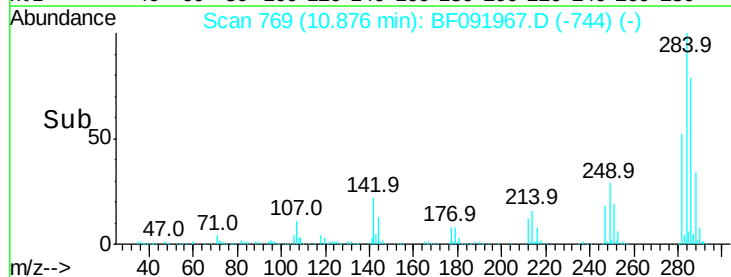
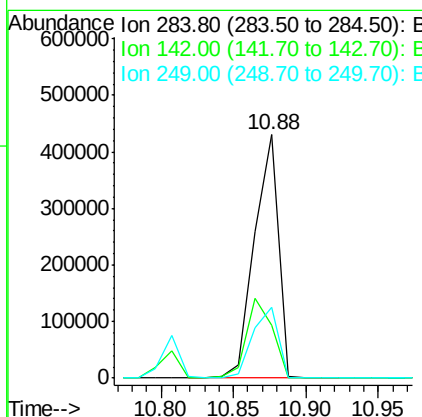
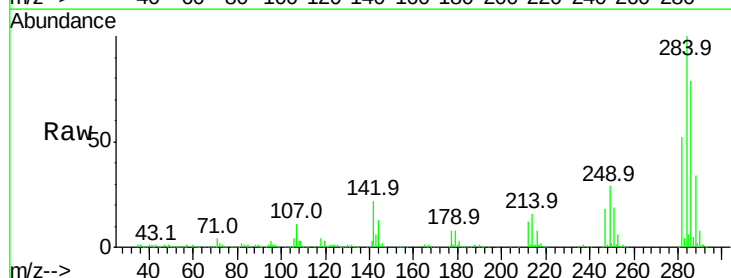
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

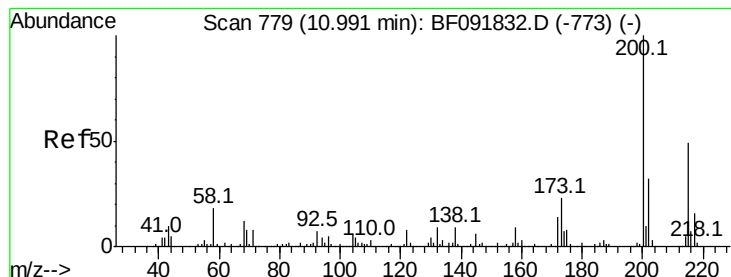
Tot Ion:248 Resp: 449156
Ion Ratio Lower Upper
248 100
250 96.1 76.9 115.3
141 78.4 68.2 102.4



#67
Hexachlorobenzene
Concen: 56.85 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Tgt Ion:284 Resp: 492604
Ion Ratio Lower Upper
284 100
142 21.7 22.6 33.8#
249 29.2 25.4 38.0





#68

Atrazine

Concen: 15.02 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

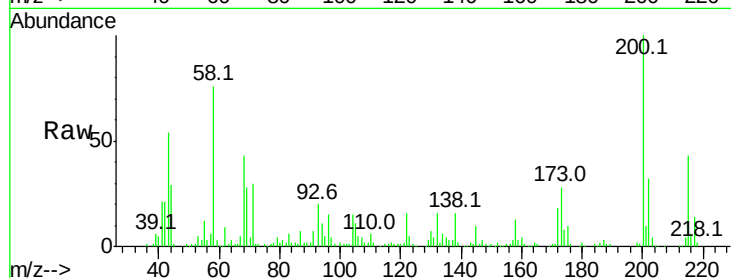
Tot Ion:200 Resp: 112066

Ion Ratio Lower Upper

200 100

173 27.9 9.6 49.6

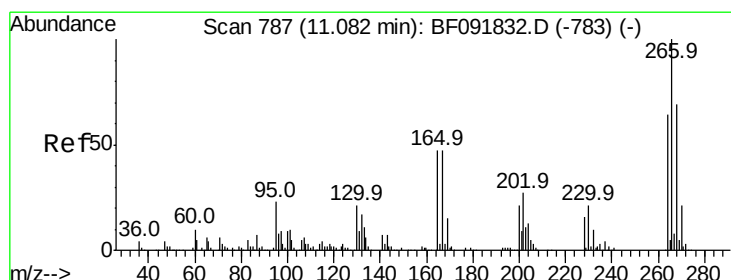
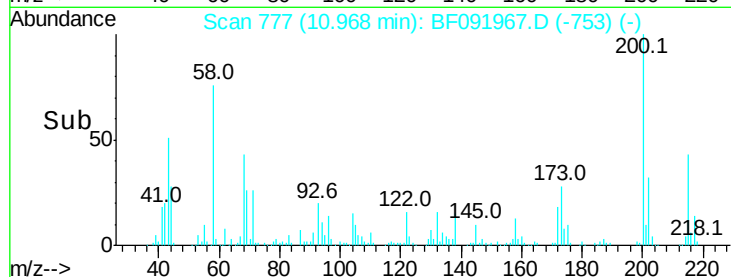
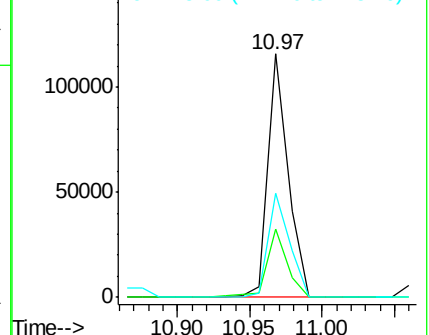
215 42.6 25.7 65.7



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: 106.69 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

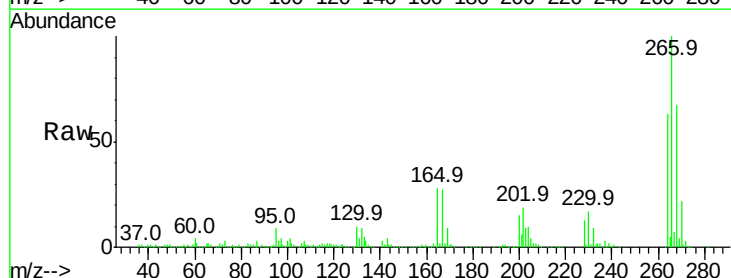
Tgt Ion:266 Resp: 453606

Ion Ratio Lower Upper

266 100

268 67.4 53.3 79.9

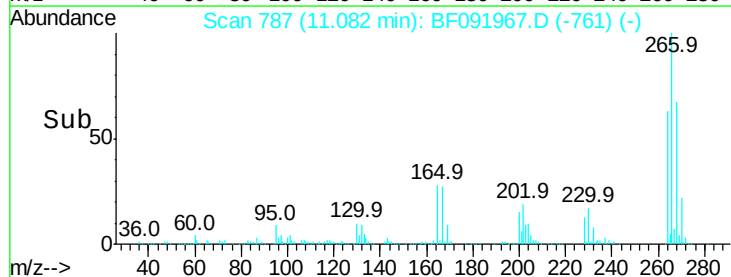
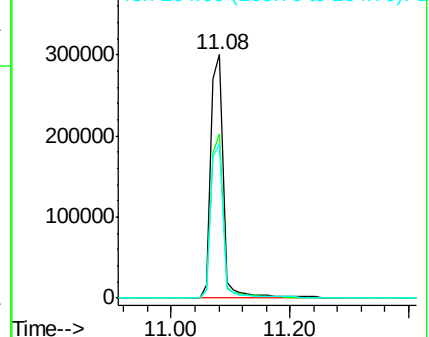
264 63.1 50.3 75.5

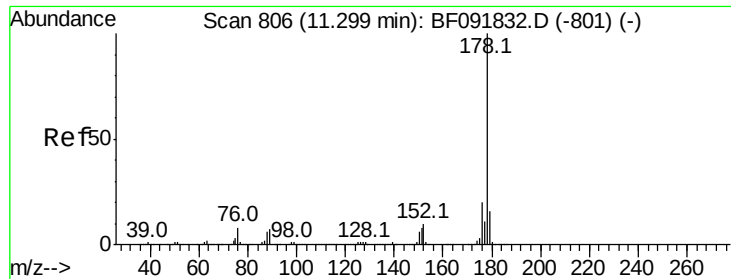


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 55.12 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

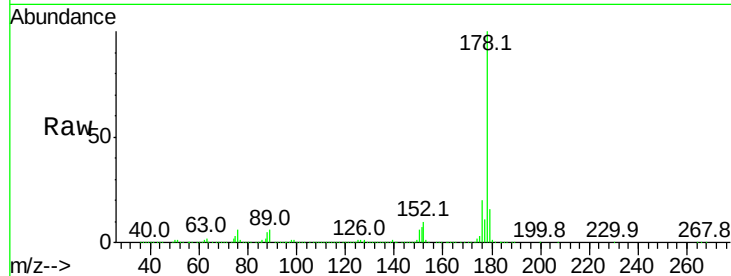
Tot Ion:178 Resp: 2328935

Ion Ratio Lower Upper

178 100

176 20.0 16.6 25.0

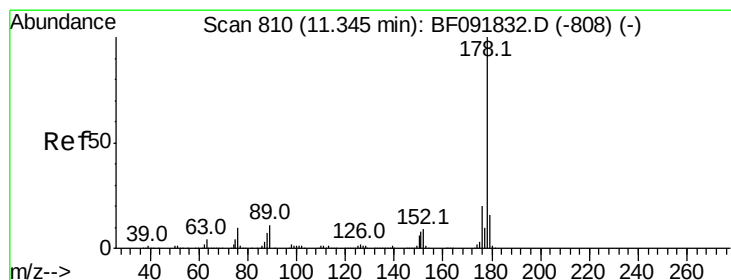
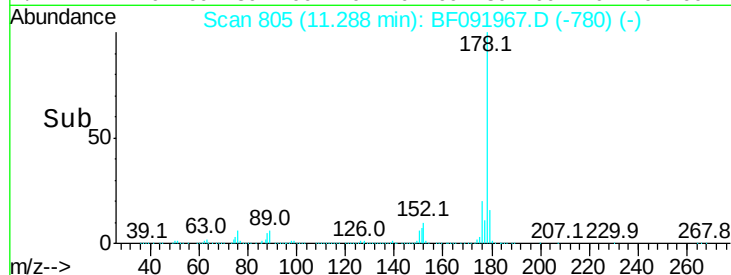
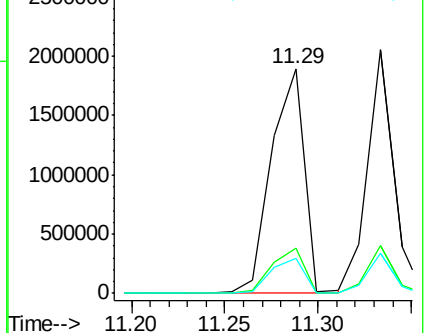
179 15.7 12.8 19.2



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: 58.80 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

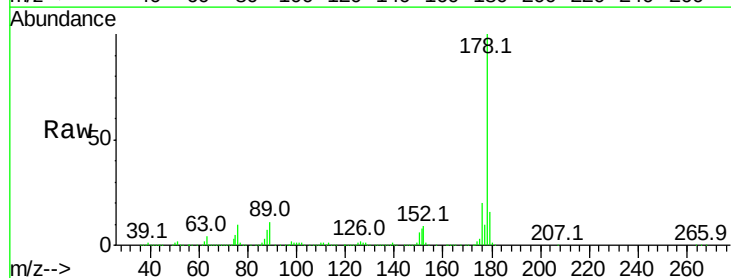
Tgt Ion:178 Resp: 1973469

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

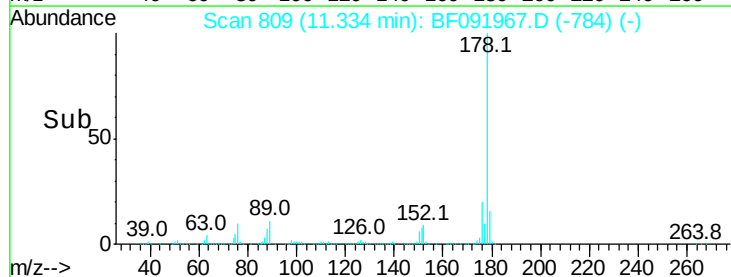
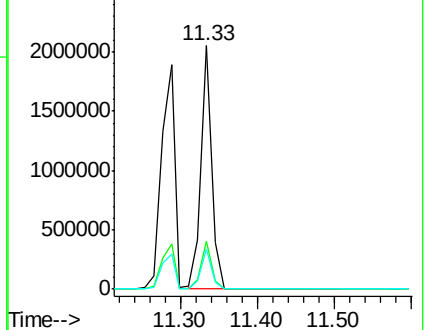
179 16.4 13.2 19.8

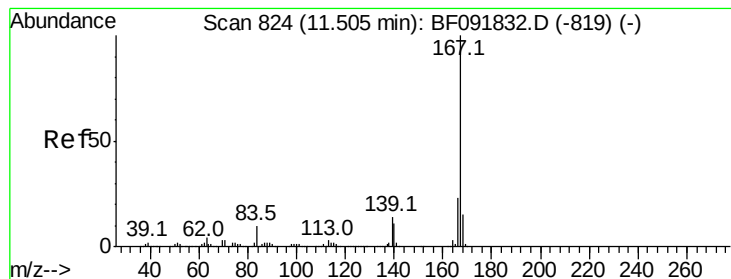


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 54.04 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

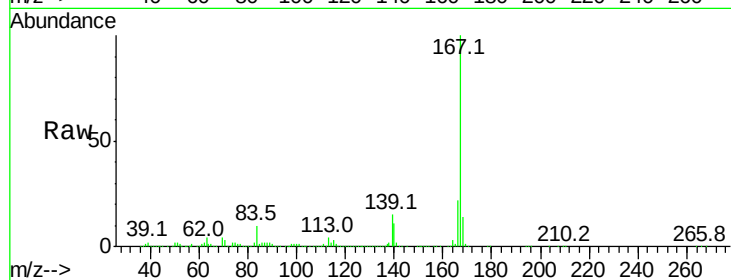
BNA_F

ClientSampleId :

IDW-01-122116MSD

Tot Ion:167 Resp: 1711880

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	14.8	11.4	17.2

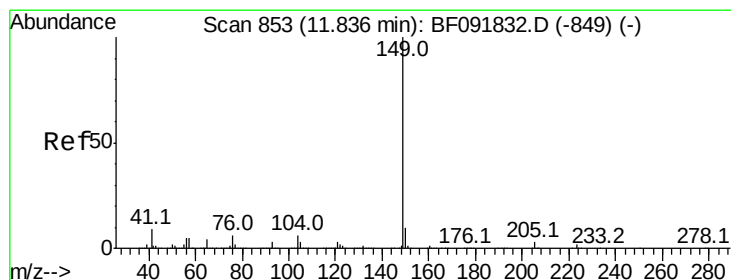
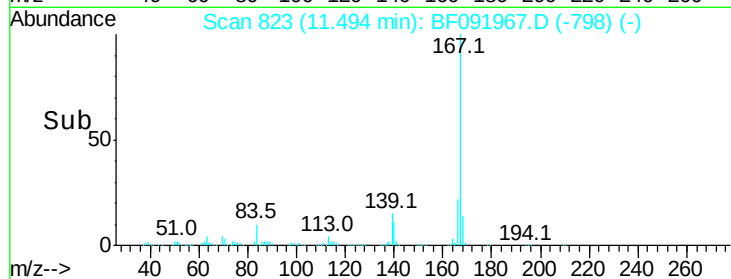


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 57.20 ng

RT: 11.83 min Scan# 852

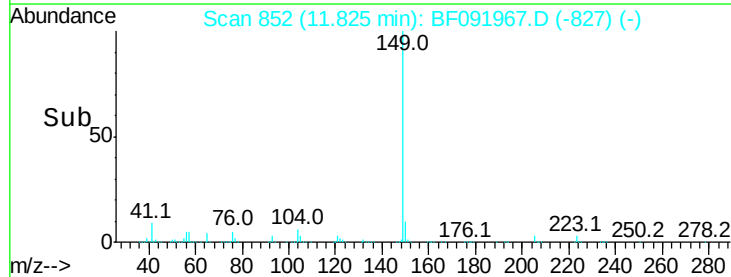
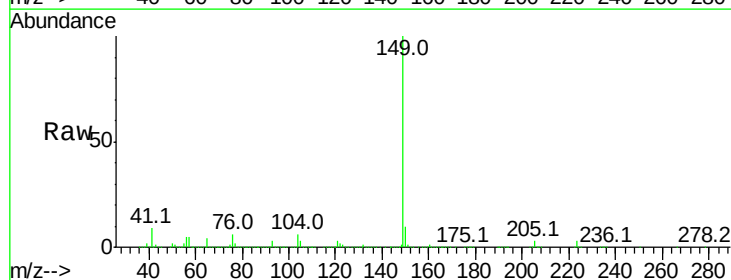
Delta R.T. -0.01 min

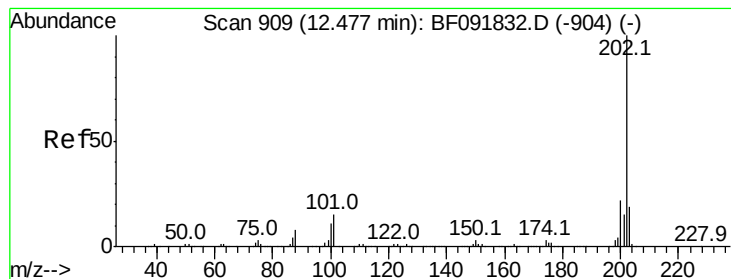
Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Tgt Ion:149 Resp: 2245652

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	5.8	4.6	7.0





#74

Fluoranthene

Concen: 54.78 ng

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

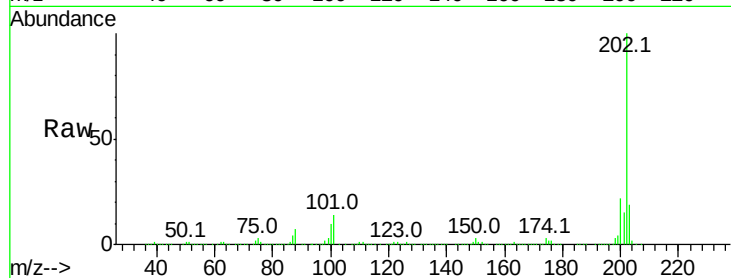
Tot Ion:202 Resp: 1999940

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.6

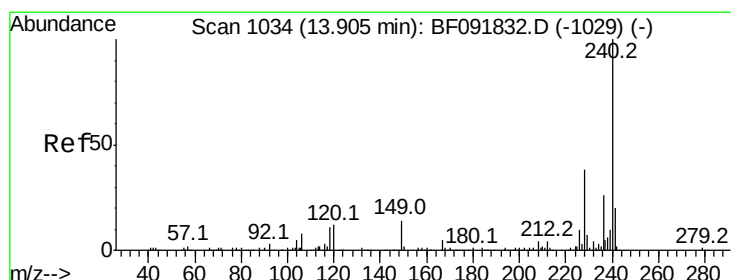
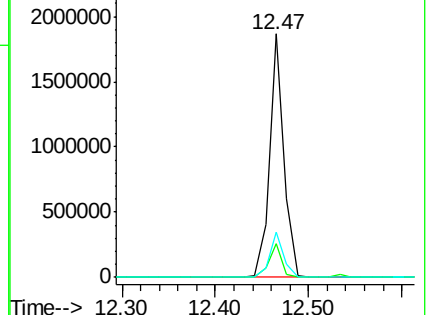
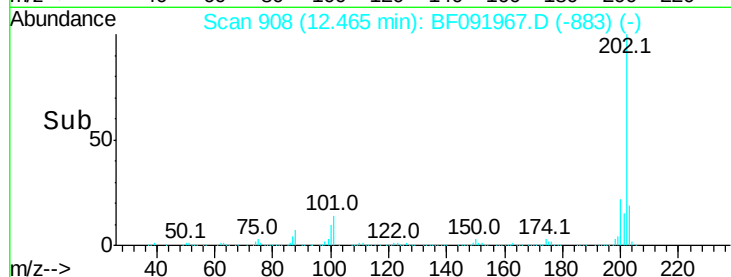
203 18.6 0.0 38.7



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: BF091967.D

Acq: 27 Dec 2016 14:59

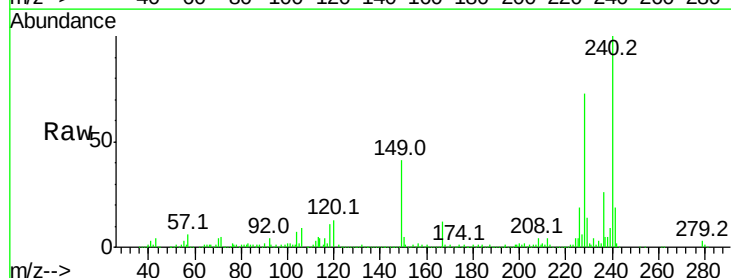
Tgt Ion:240 Resp: 552989

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

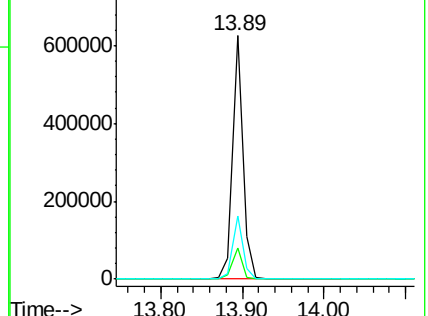
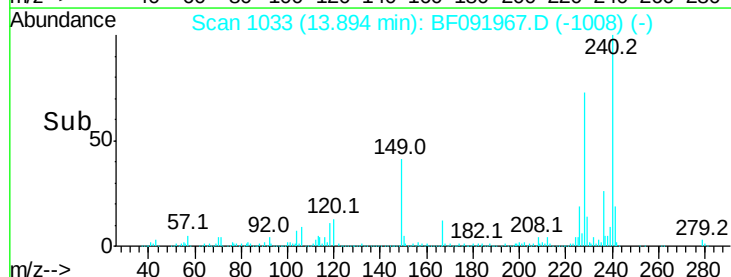
236 25.7 20.9 31.3

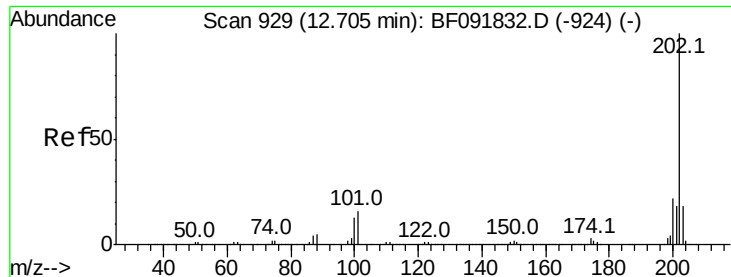


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

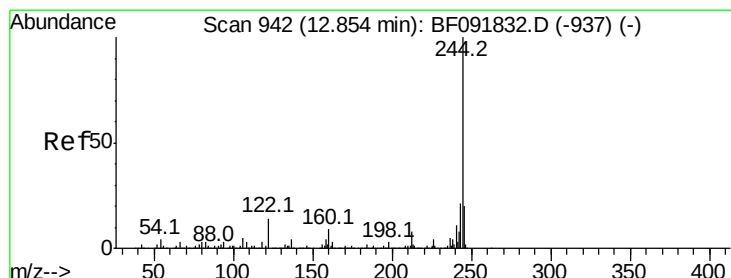
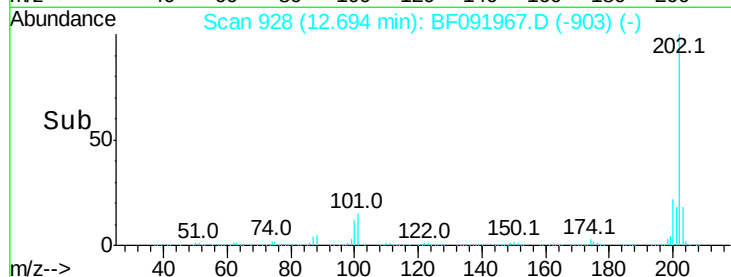
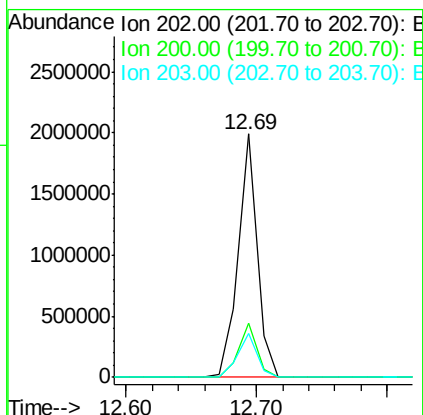
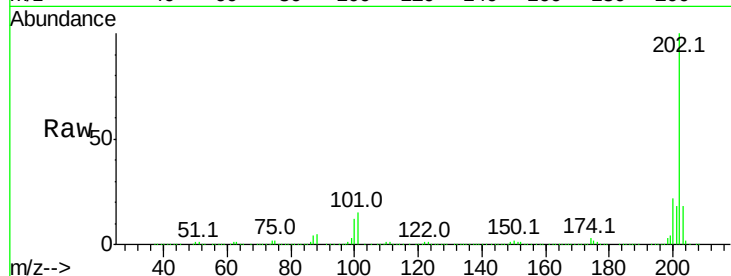




#77
Pvrene
Concen: 49.44 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

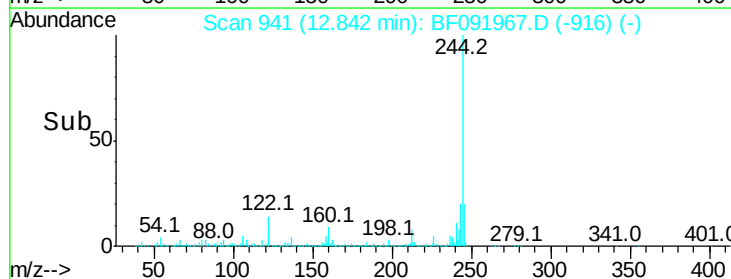
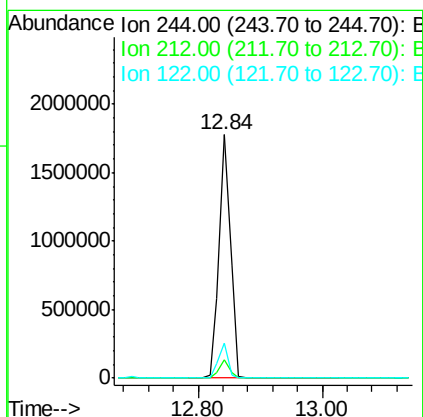
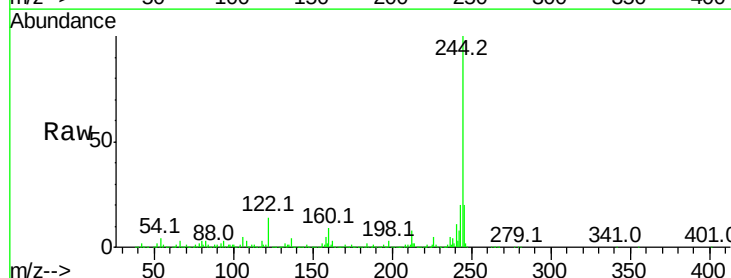
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

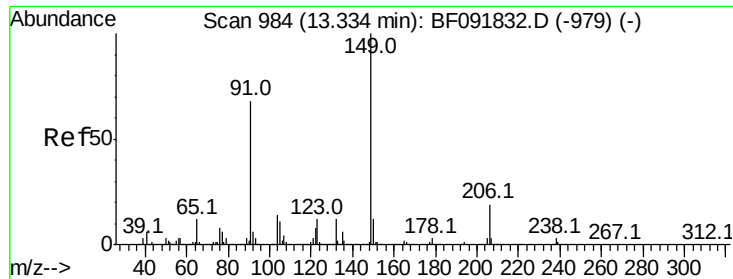
Tot Ion:202 Resp: 2005743
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.2 14.7 22.1



#78
Terphenyl-d14
Concen: 97.70 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Tgt Ion:244 Resp: 2227708
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 14.4 11.4 17.2

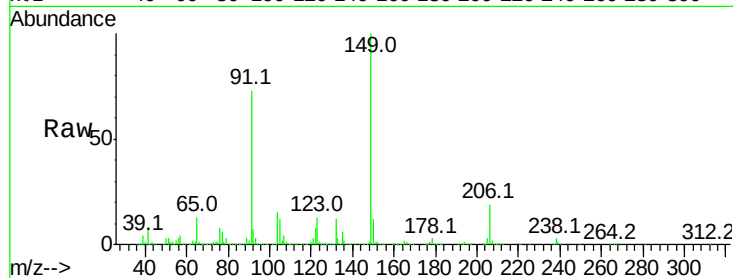




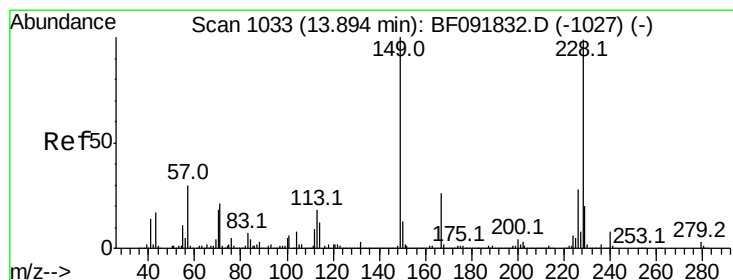
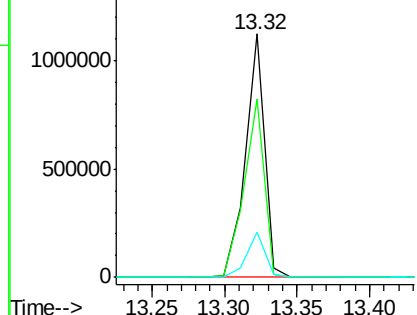
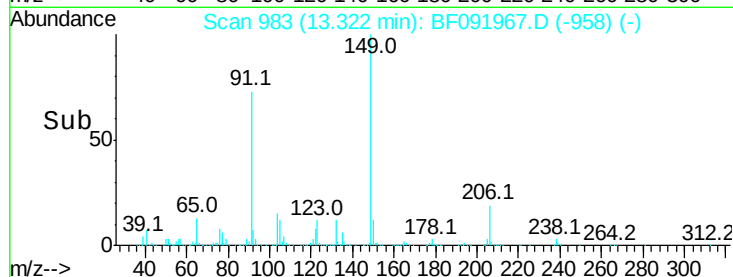
#79
Butylbenzylphthalate
Concen: 55.55 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

Tot Ion:149 Resp: 1025016
Ion Ratio Lower Upper
149 100
91 73.0 63.9 95.9
206 18.7 14.6 21.8

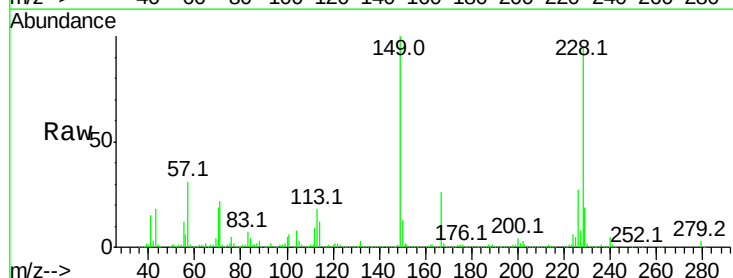


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

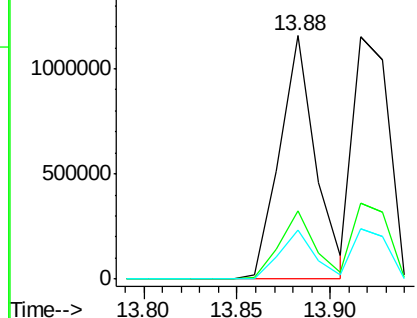
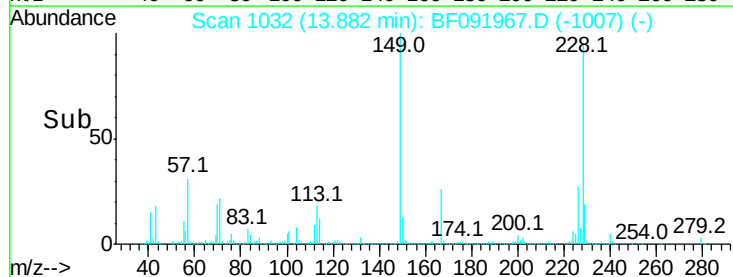


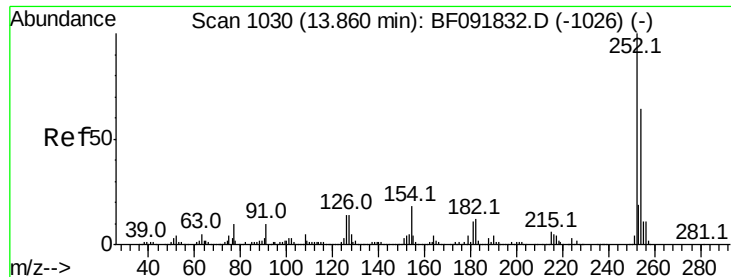
#80
Benzo(a)anthracene
Concen: 49.56 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091967.D
Acq: 27 Dec 2016 14:59

Tgt Ion:228 Resp: 1547126
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.4 16.2 24.4



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

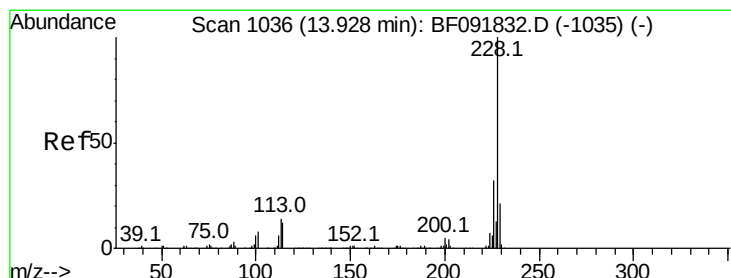
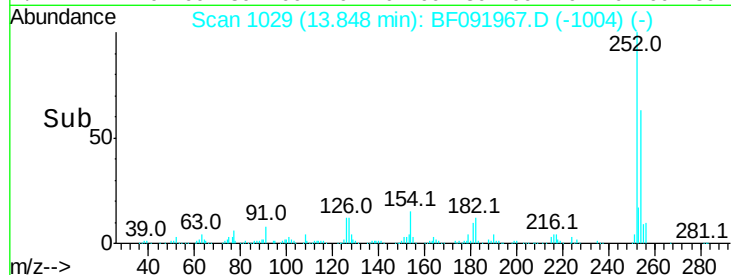
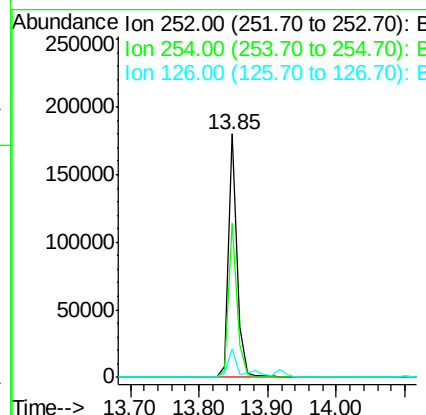
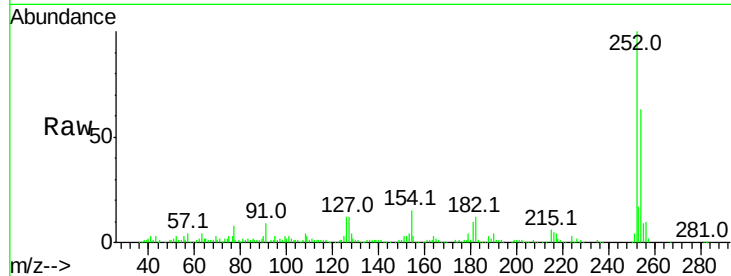




#81
 3,3'-Dichlorobenzidine
 Concen: 13.73 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

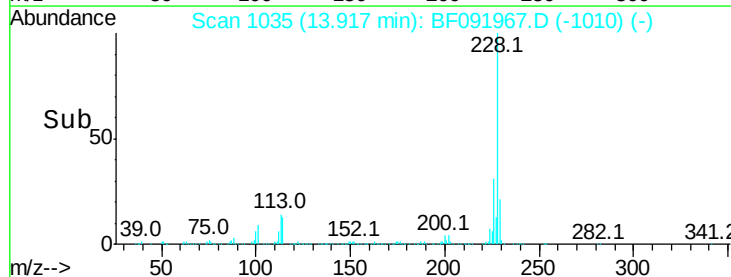
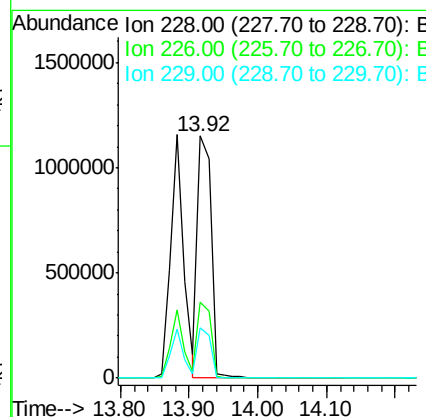
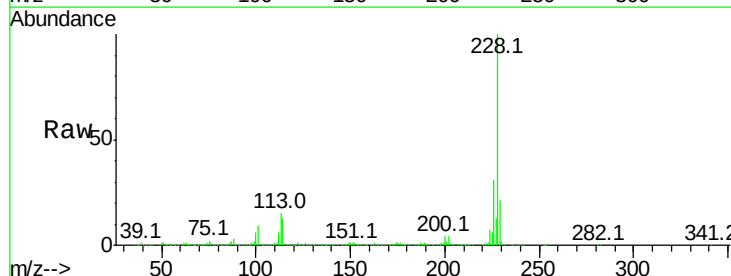
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MSD

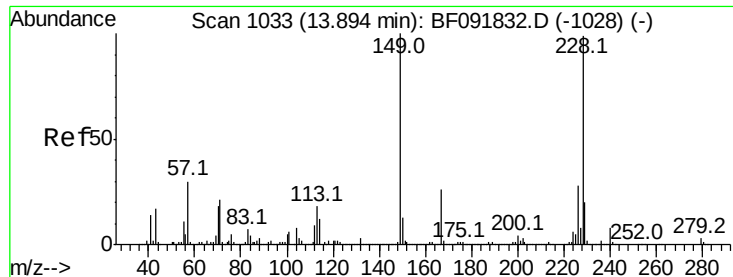
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.3	78.5
126	12.0	13.6	20.4



#82
 Chrysene
 Concen: 49.33 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.7	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.04 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

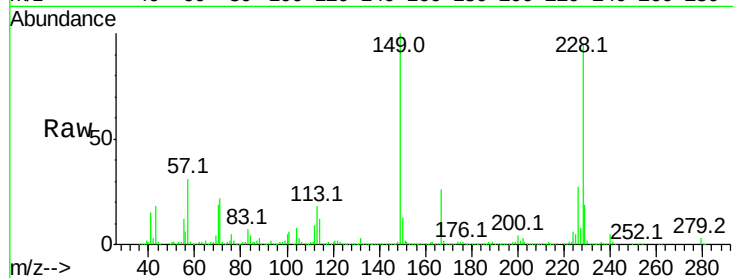
Tot Ion:149 Resp: 1152638

Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.4

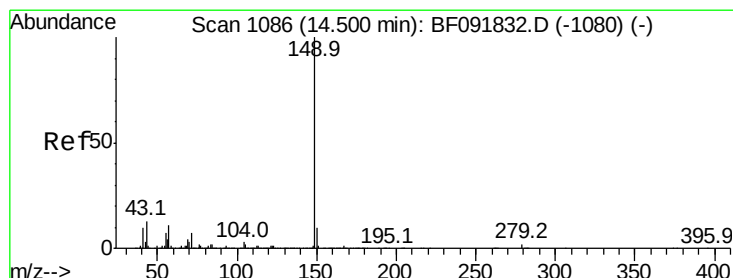
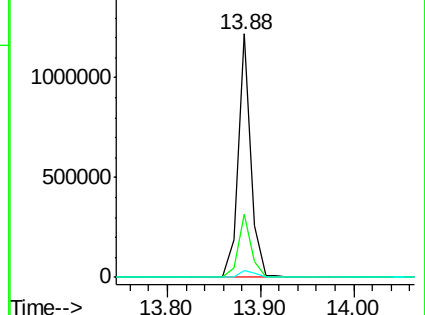
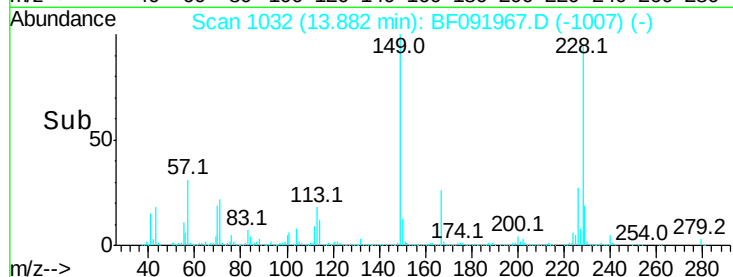
279 2.7 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.85 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

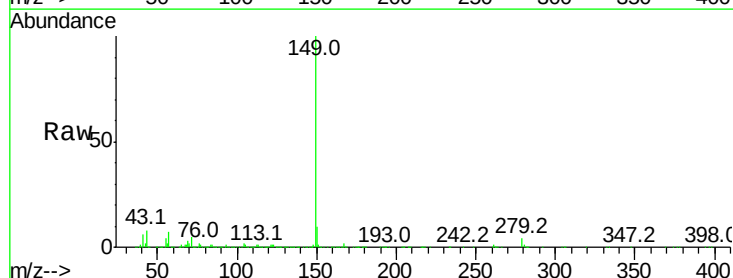
Tgt Ion:149 Resp: 2207935

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

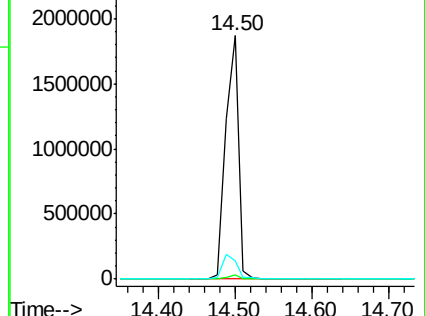
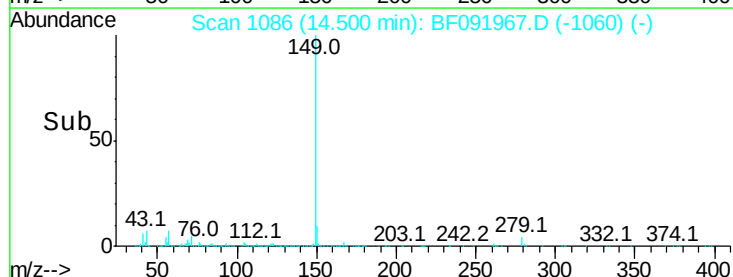
43 10.9 8.9 13.3

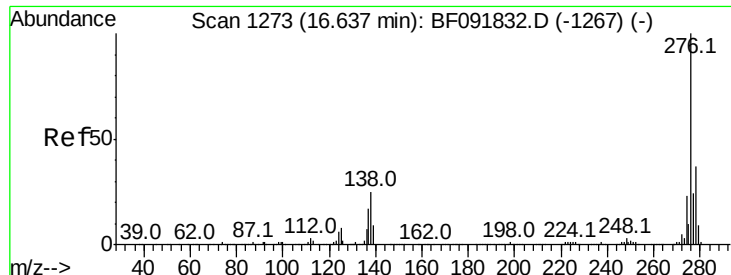


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

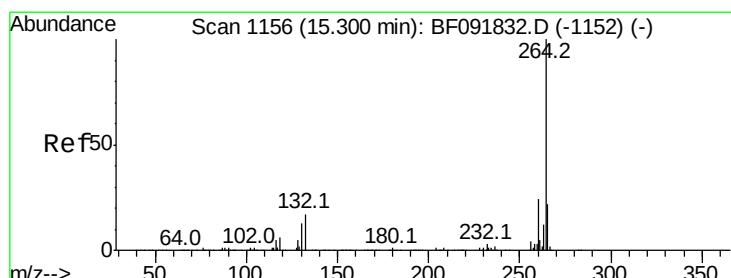
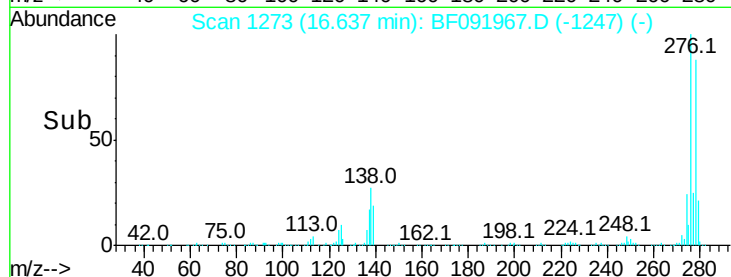
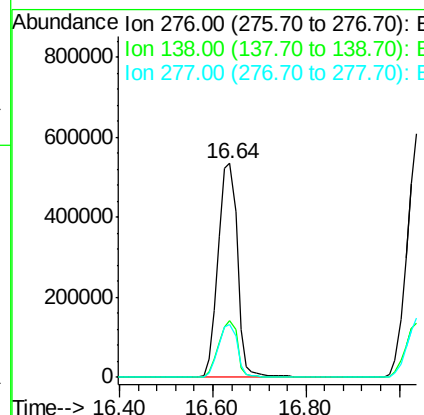
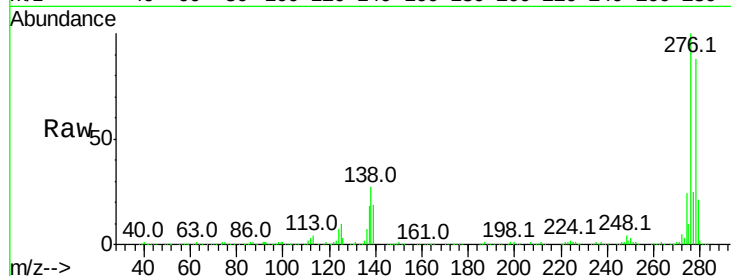




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.22 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

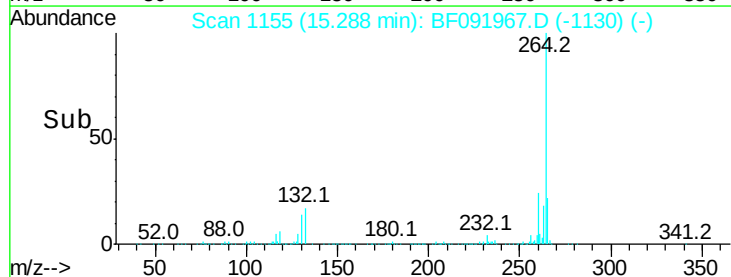
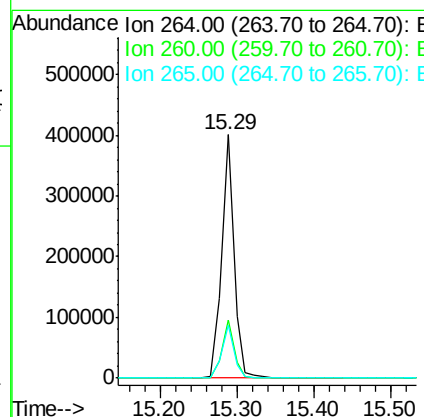
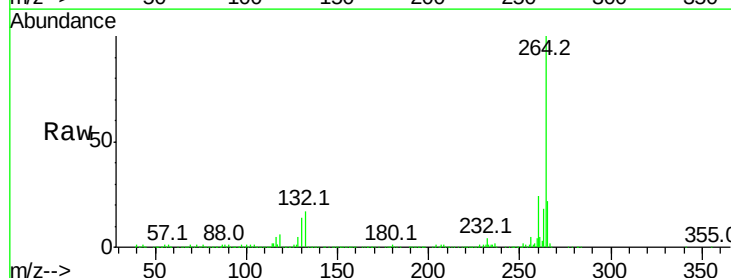
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MSD

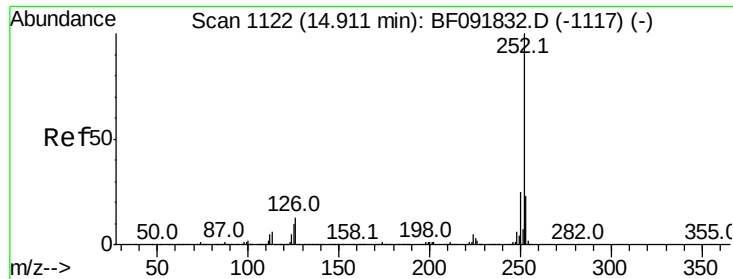
Tot Ion:276 Resp: 1552143
 Ion Ratio Lower Upper
 276 100
 138 25.9 21.8 32.6
 277 24.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091967.D
 Acq: 27 Dec 2016 14:59

Tgt Ion:264 Resp: 453109
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 53.47 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

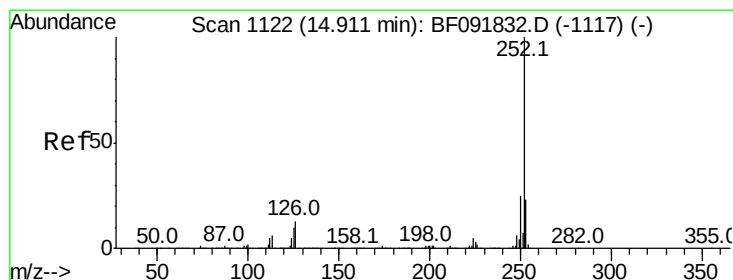
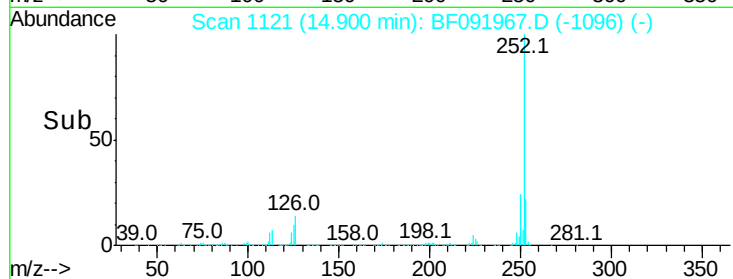
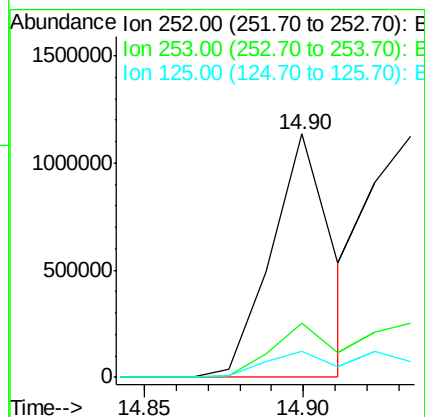
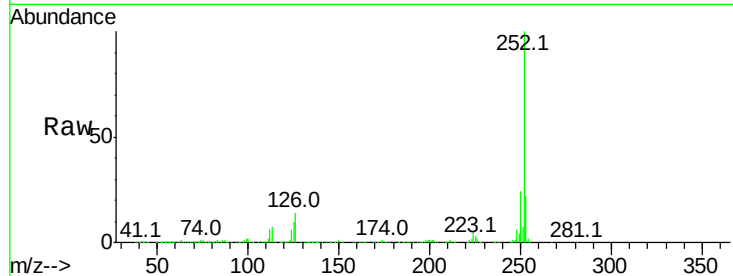
Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MSD

Tot Ion:252 Resp: 1508326

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.5	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 60.71 ng m

RT: 14.93 min Scan# 1124

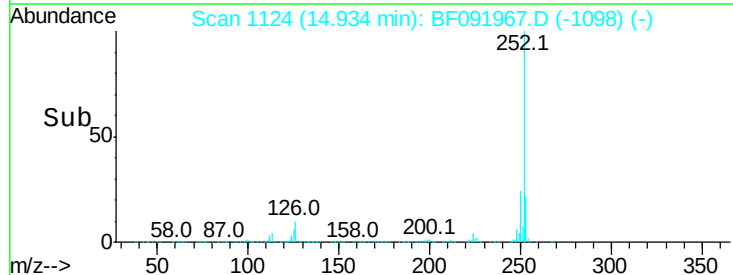
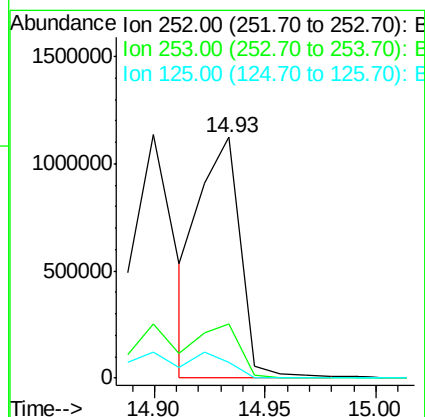
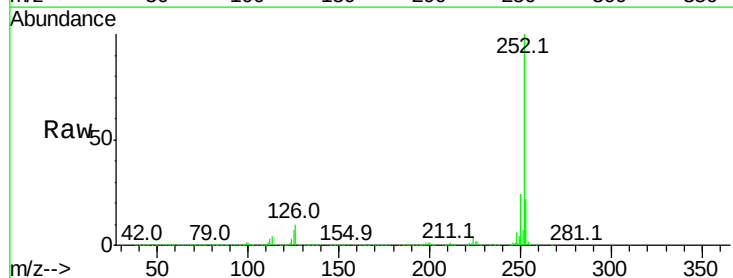
Delta R.T. -0.00 min

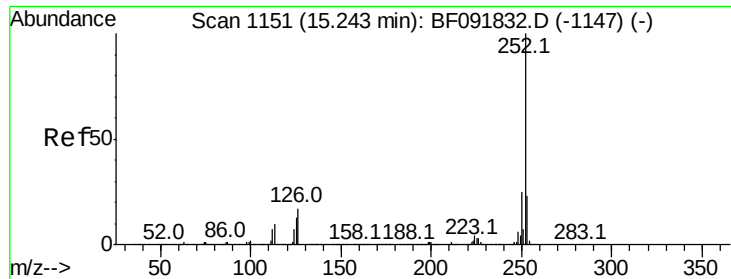
Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Tgt Ion:252 Resp: 1460458

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	6.5	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 56.46 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

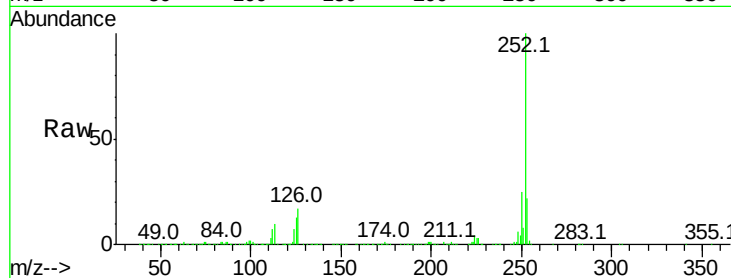
Tot Ion:252 Resp: 1413750

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

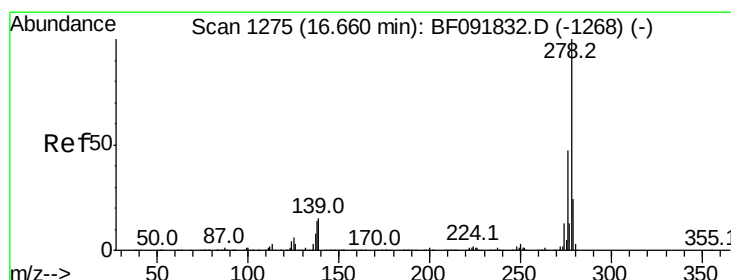
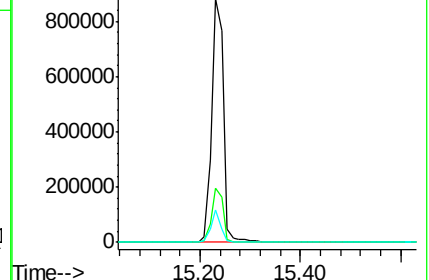
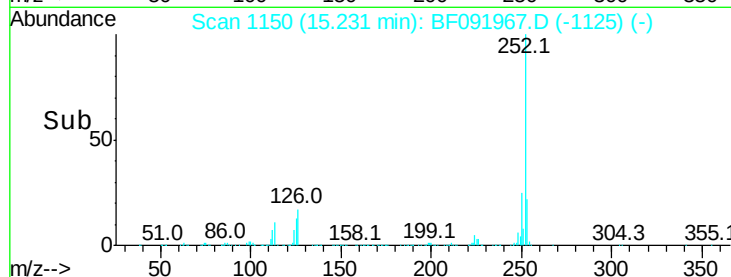
125 13.1 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 60.42 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

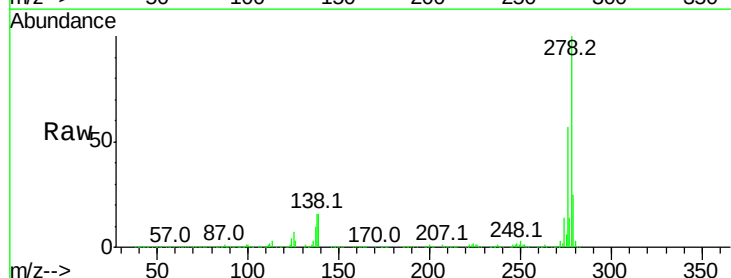
Tgt Ion:278 Resp: 1243410

Ion Ratio Lower Upper

278 100

139 16.4 14.8 22.2

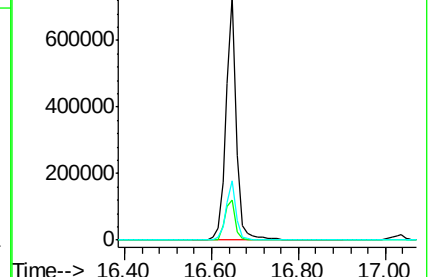
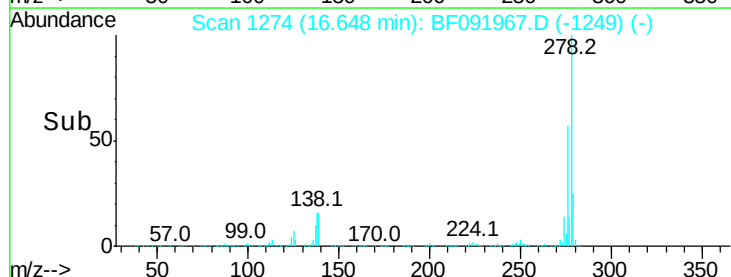
279 24.5 19.8 29.6

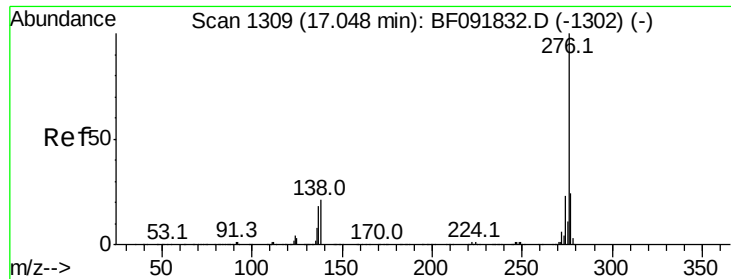


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 62.12 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF091967.D

Acq: 27 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MSD

Tot Ion:276 Resp: 1329283

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 22.0 16.0 24.0

