

Data Path : Z:\HPCHEM1\BNA F\Data\BF121516\
 Data File : BF091665.D
 Acq On : 16 Dec 2016 9:46
 Operator : UM/SJ
 Sample : H6057-04MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 16:48:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	183813	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	735756	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	348510	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	505941	20.00	ng	0.00
75) Chrysene-d12	13.94	240	401758	20.00	ng	0.00
86) Perylene-d12	15.35	264	339997	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1254606	114.99	ng	0.02
7) Phenol-d6	6.43	99	1700879	125.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	1227552	93.12	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	357881	123.63	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1787035	88.60	ng	0.00
78) Terphenyl-d14	12.89	244	1431001	80.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	196572	34.14	ng	# 70
3) Pyridine	3.16	79	365793	23.84	ng	# 81
4) n-Nitrosodimethylamine	3.09	42	277767	42.14	ng	# 74
6) Aniline	6.45	93	447533	25.10	ng	# 80
8) 2-Chlorophenol	6.58	128	528203	42.89	ng	98
9) Benzaldehyde	6.33	77	59122	6.32	ng	88
10) Phenol	6.45	94	548055	34.46	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	552064	46.21	ng	# 79
12) 1,3-Dichlorobenzene	6.73	146	536987	40.21	ng	98
13) 1,4-Dichlorobenzene	6.81	146	545996	41.45	ng	97
14) 1,2-Dichlorobenzene	6.96	146	500807	42.19	ng	100
15) Benzyl Alcohol	6.93	79	477459	44.46	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	724272	39.12	ng	81
17) 2-Methylphenol	7.06	107	448095	43.98	ng	# 78
18) Hexachloroethane	7.30	117	194837	37.90	ng	# 86
19) n-Nitroso-di-n-propylamine	7.21	70	384786	45.24	ng	# 84
20) 3+4-Methylphenols	7.21	107	516011	47.03	ng	# 80
22) Acetophenone	7.20	105	770728	43.72	ng	# 96
24) Nitrobenzene	7.37	77	544116	39.07	ng	94
25) Isophorone	7.62	82	1096642	46.80	ng	96
26) 2-Nitrophenol	7.69	139	257816	41.94	ng	90
27) 2,4-Dimethylphenol	7.73	122	456860	42.31	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	618376	44.99	ng	100
29) 2,4-Dichlorophenol	7.94	162	444770	47.35	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	464942	43.55	ng	97
31) Naphthalene	8.10	128	1500812	43.84	ng	99
32) Benzoic acid	7.86	122	311679	41.02	ng	99
33) 4-Chloroaniline	8.14	127	274611	18.62	ng	98
34) Hexachlorobutadiene	8.21	225	244179	39.90	ng	97
35) Caprolactam	8.51	113	119231	43.46	ng	# 65
36) 4-Chloro-3-methylphenol	8.64	107	445046	42.24	ng	99
37) 2-Methylnaphthalene	8.89	142	944927	42.65	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	431173	45.11	ng	100
40) Hexachlorocyclopentadiene	8.94	237	249529	58.55	ng	100

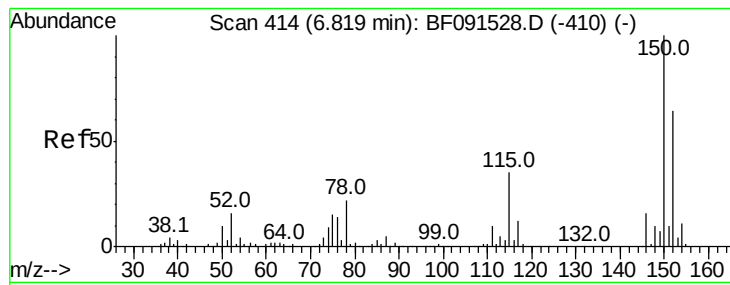
Data Path : Z:\HPCHEM1\BNA F\Data\BF121516\
 Data File : BF091665.D
 Acq On : 16 Dec 2016 9:46
 Operator : UM/SJ
 Sample : H6057-04MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 16:48:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	298384	48.58	nq	96
43) 2,4,5-Trichlorophenol	9.12	196	278082	44.06	nq #	87
45) 1,1'-Biphenyl	9.25	154	1253882	49.67	nq	96
46) 2-Chloronaphthalene	9.28	162	905301	46.31	nq	98
47) 2-Nitroaniline	9.37	65	270801	41.20	nq #	84
48) Acenaphthylene	9.69	152	1295865	43.49	nq	99
49) Dimethylphthalate	9.56	163	1118511	50.69	nq	100
50) 2,6-Dinitrotoluene	9.62	165	245443	50.68	nq #	69
51) Acenaphthene	9.86	154	868616	41.97	nq	97
52) 3-Nitroaniline	9.78	138	159765	28.08	nq	91
53) 2,4-Dinitrophenol	9.88	184	112052	48.19	nq #	68
54) Dibenzofuran	10.03	168	1117442	43.64	nq	98
55) 4-Nitrophenol	9.95	139	297269	70.23	nq	95
56) 2,4-Dinitrotoluene	10.02	165	307655	50.68	nq #	73
57) Fluorene	10.37	166	873369	48.07	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	228227	46.19	nq	98
59) Diethylphthalate	10.26	149	1090326	51.31	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	404756	43.96	nq	98
61) 4-Nitroaniline	10.40	138	238242	42.14	nq	92
62) Azobenzene	10.52	77	1081493	44.91	nq	87
64) 4,6-Dinitro-2-methylphenol	10.42	198	78442	26.91	nq	89
65) n-Nitrosodiphenylamine	10.49	169	785871	52.10	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	247038	47.63	nq	92
67) Hexachlorobenzene	10.92	284	266877	49.48	nq #	89
68) Atrazine	11.01	200	167056	34.44	nq	98
69) Pentachlorophenol	11.12	266	269993	88.95	nq	96
70) Phenanthrene	11.33	178	1276232	50.94	nq	100
71) Anthracene	11.38	178	1169573	43.28	nq	99
72) Carbazole	11.54	167	1112430	46.96	nq	100
73) Di-n-butylphthalate	11.87	149	1424559	51.62	nq	99
74) Fluoranthene	12.51	202	1156711	44.09	nq	96
76) Benzidine	12.64	184	233657	18.81	nq	97
77) Pyrene	12.74	202	1137761	35.70	nq	99
79) Butylbenzylphthalate	13.37	149	576492	46.40	nq	94
80) Benzo(a)anthracene	13.93	228	1045754	44.82	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	314275	37.51	nq #	98
82) Chrysene	13.96	228	963978	39.49	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	739210	46.37	nq	100
84) Di-n-octyl phthalate	14.55	149	1437178	53.12	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.71	276	833235	37.93	nq	99
87) Benzo(b)fluoranthene	14.98	252	1918829	94.67	nq #	96
88) Benzo(k)fluoranthene	14.98	252	1918829	107.67	nq #	96
89) Benzo(a)pyrene	15.29	252	855660	46.86	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	693800	42.42	nq	98
91) Benzo(g,h,i)perylene	17.12	276	679238	40.80	nq	99

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

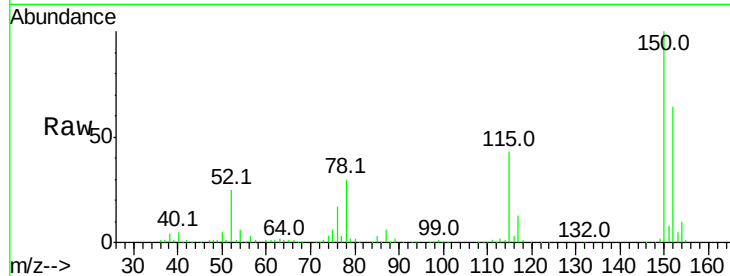


#1

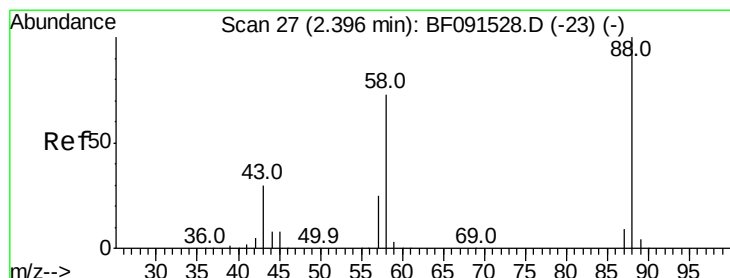
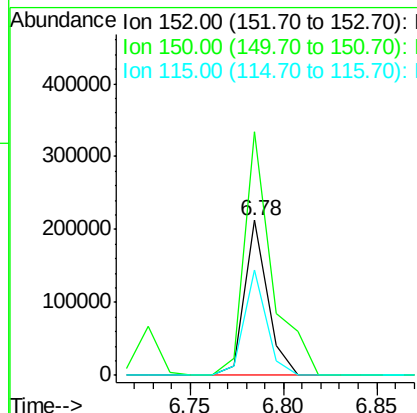
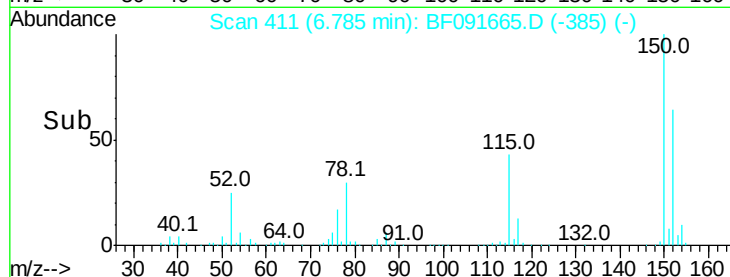
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 183813
Ion Ratio Lower Upper
152 100
150 157.1 122.5 183.7
115 67.8 51.8 77.8



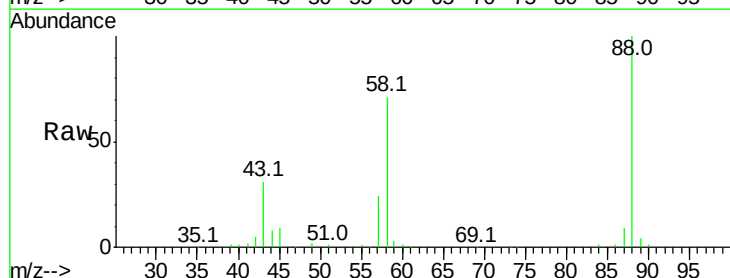
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



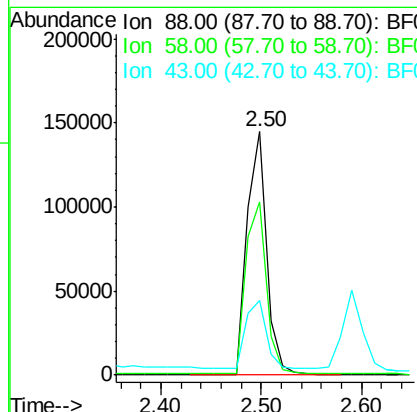
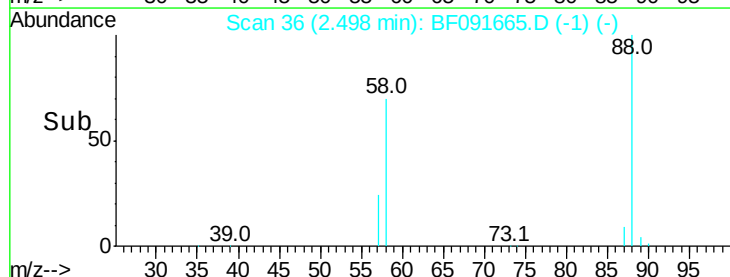
#2

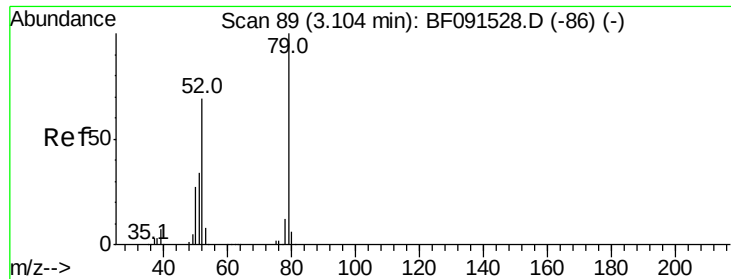
1,4-Dioxane
Concen: 34.14 ng
RT: 2.50 min Scan# 36
Delta R.T. 0.17 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion: 88 Resp: 196572
Ion Ratio Lower Upper
88 100
58 73.5 70.3 105.5
43 0.0 31.3 46.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 23.84 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.14 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampled :

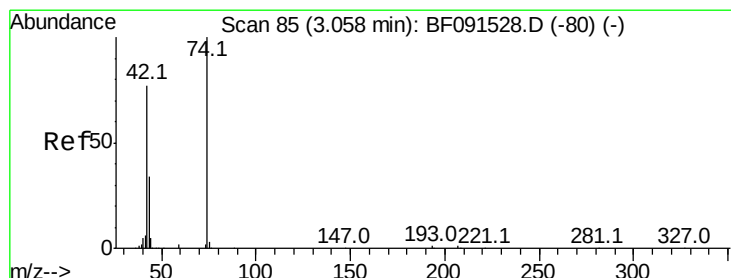
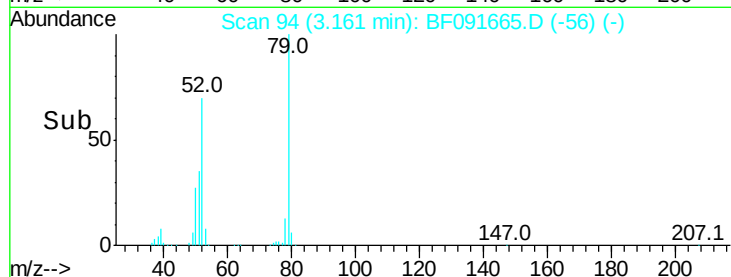
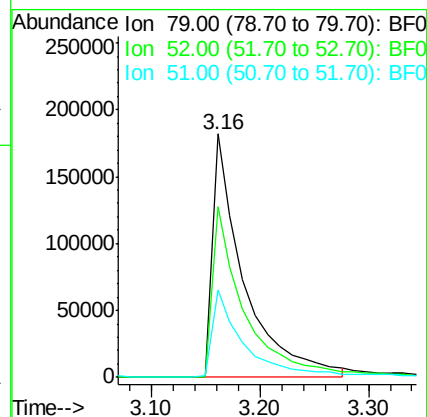
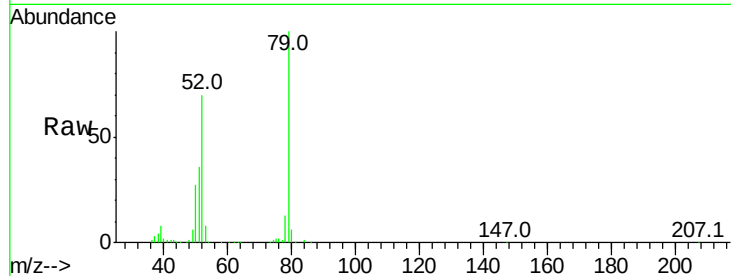
Tot Ion: 79 Resp: 365793

Ion Ratio Lower Upper

79 100

52 70.0 71.0 106.4#

51 35.7 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 42.14 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.11 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

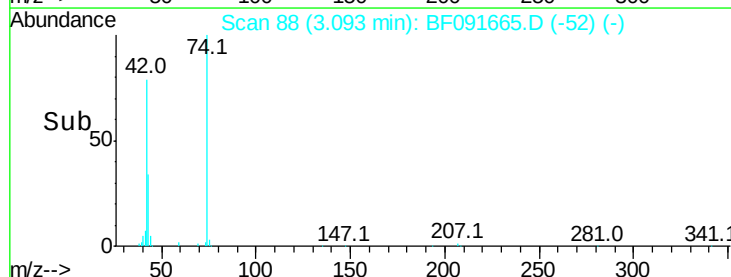
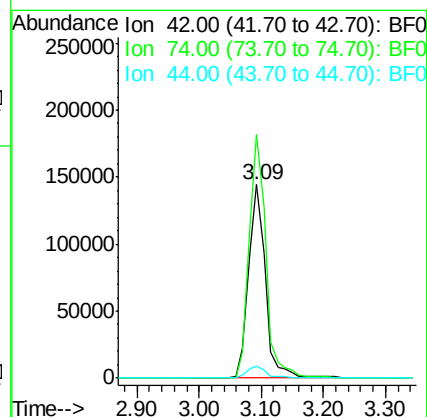
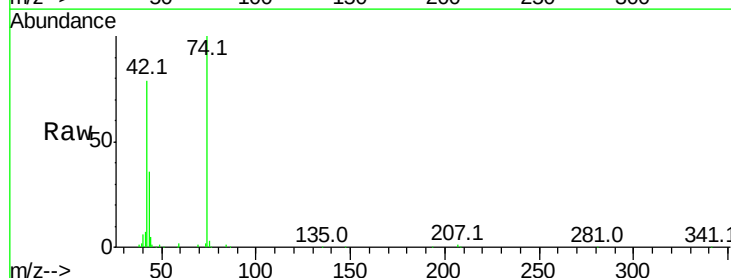
Tgt Ion: 42 Resp: 277767

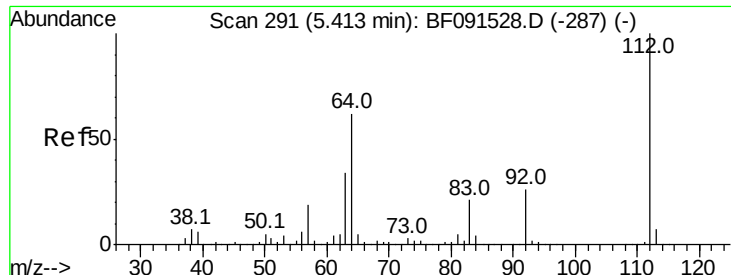
Ion Ratio Lower Upper

42 100

74 125.9 78.9 118.3#

44 6.2 5.8 8.6





#5

2-Fluorophenol

Concen: 114.99 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

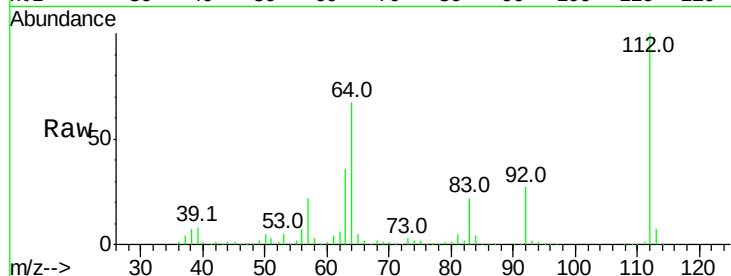
Tot Ion:112 Resp: 1254606

Ion Ratio Lower Upper

112 100

64 67.4 61.5 92.3

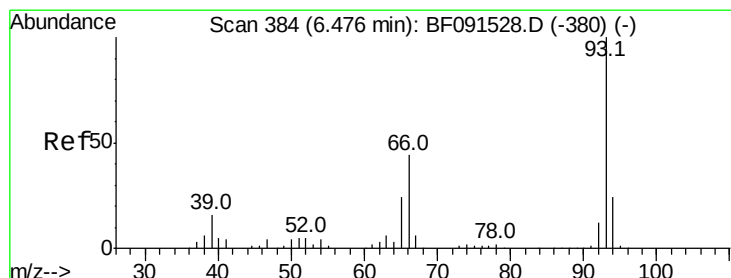
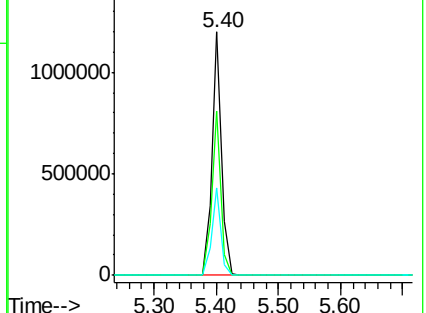
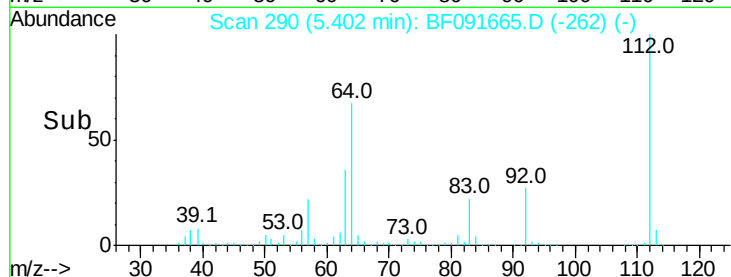
63 36.2 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.10 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

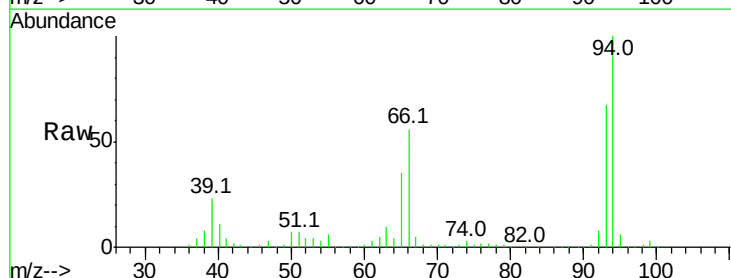
Tgt Ion: 93 Resp: 447533

Ion Ratio Lower Upper

93 100

66 83.3 55.8 83.6

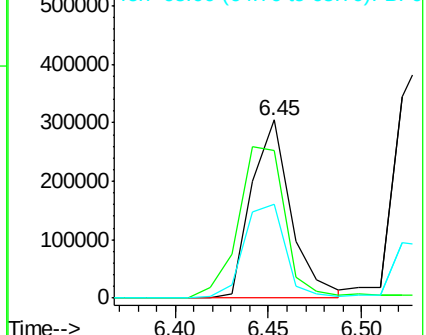
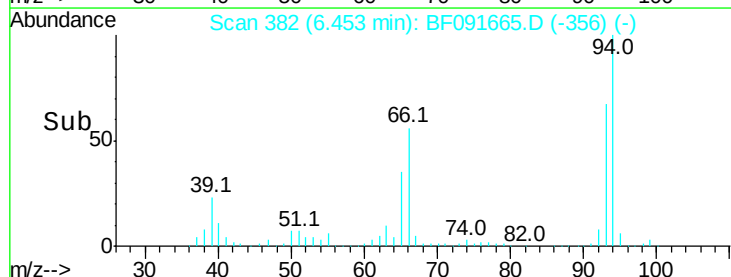
65 52.7 29.9 44.9#

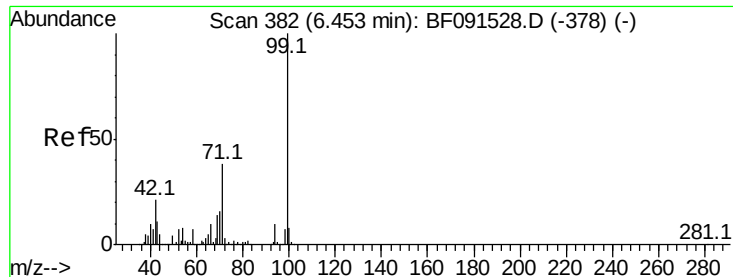


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.05 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

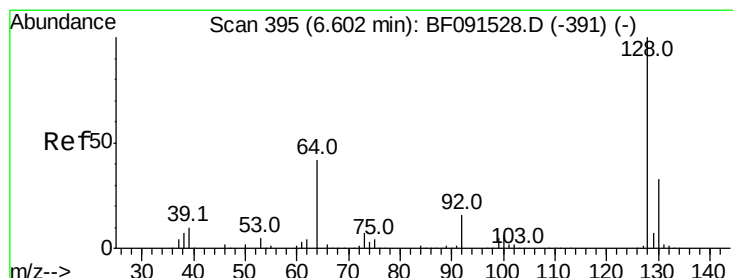
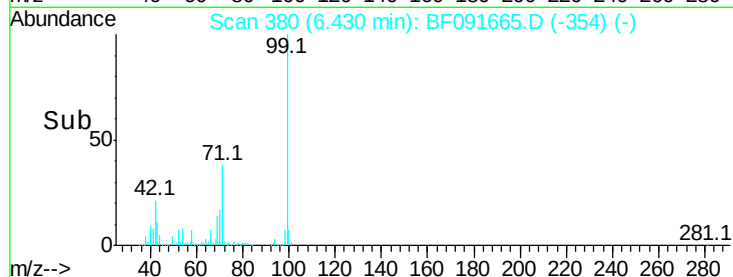
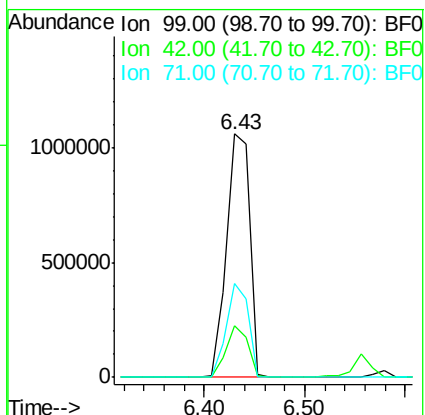
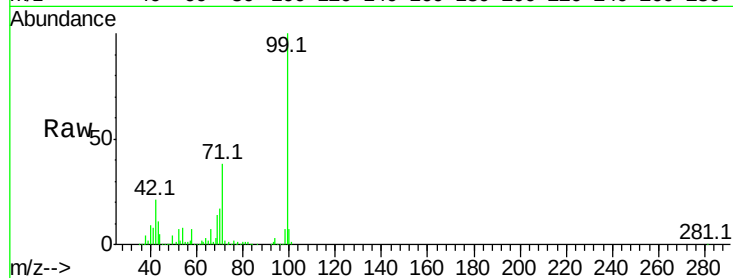
Tot Ion: 99 Resp: 1700879

Ion Ratio Lower Upper

99 100

42 21.1 20.6 31.0

71 38.5 29.9 44.9



#8

2-Chlorophenol

Concen: 42.89 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

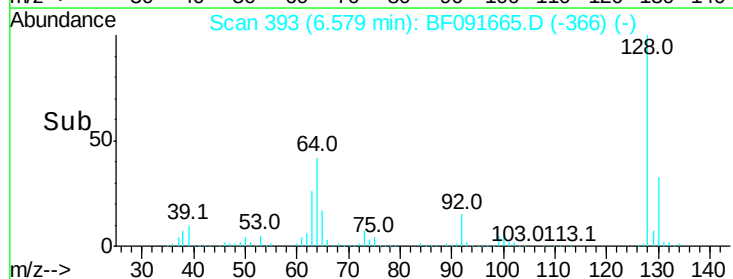
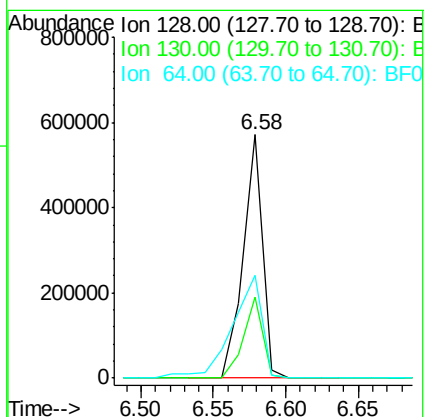
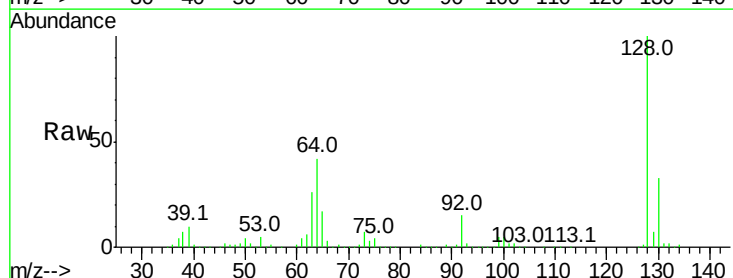
Tgt Ion:128 Resp: 528203

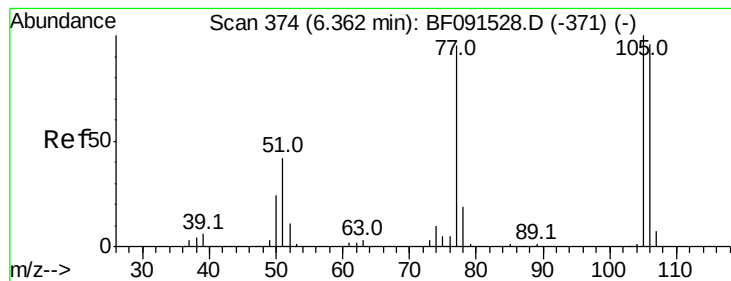
Ion Ratio Lower Upper

128 100

130 33.3 13.1 53.1

64 42.0 24.1 64.1





#9

Benzaldehyde

Concen: 6.32 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampled :

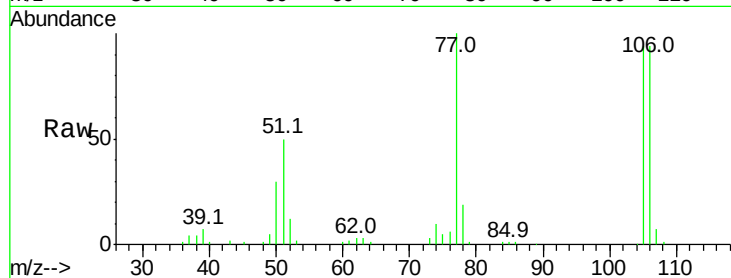
Tot Ion: 77 Resp: 59122

Ion Ratio Lower Upper

77 100

105 94.0 66.4 106.4

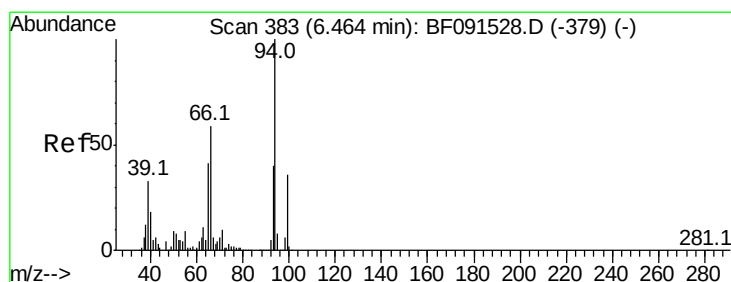
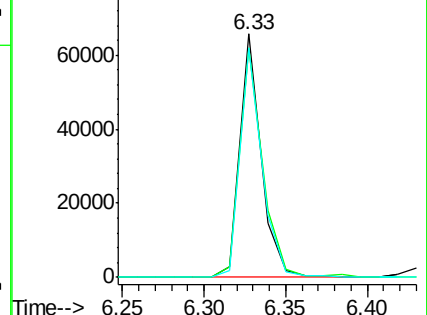
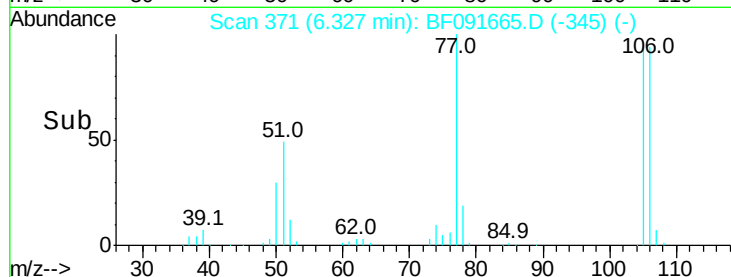
106 94.2 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.46 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

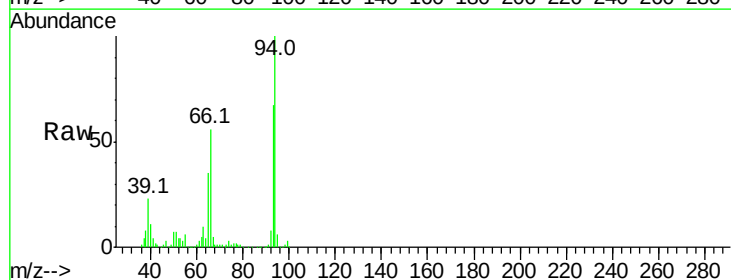
Tgt Ion: 94 Resp: 548055

Ion Ratio Lower Upper

94 100

65 35.4 16.9 56.9

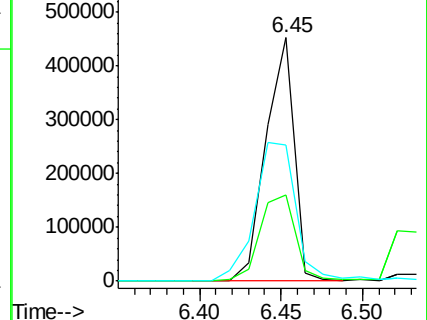
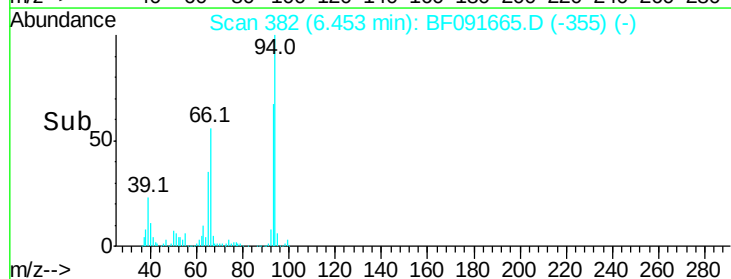
66 56.0 30.6 70.6

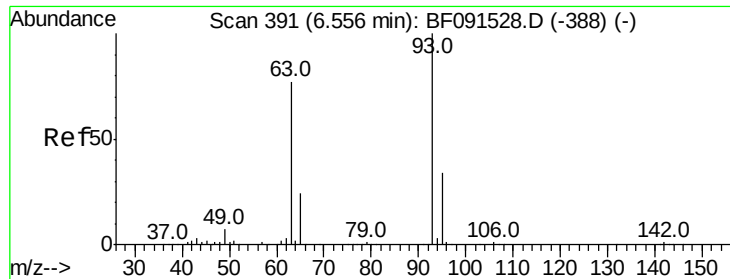


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

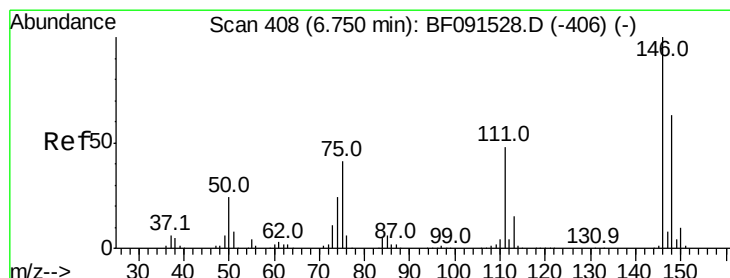
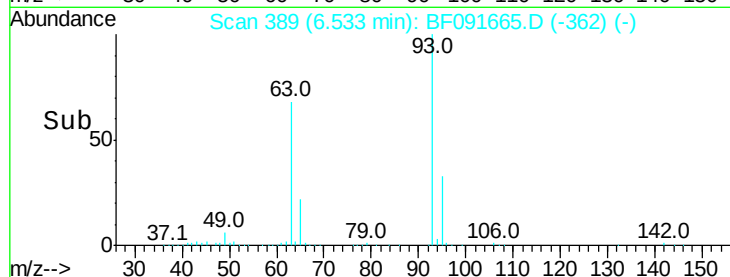
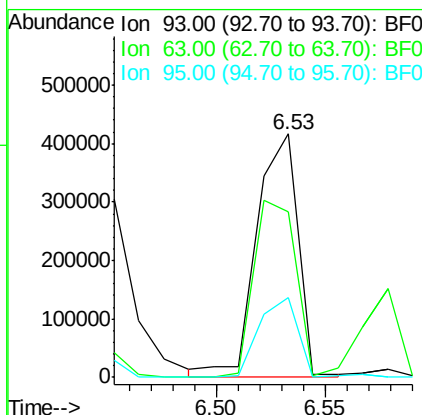
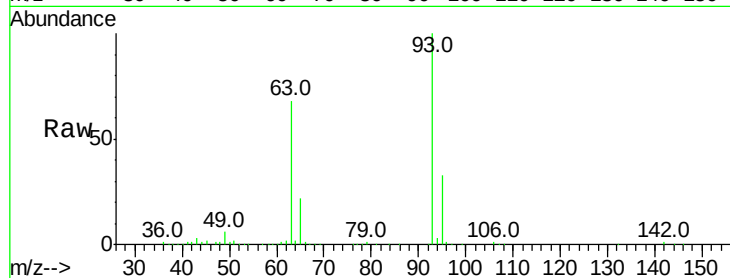




#11
bis(2-Chloroethyl)ether
Concen: 46.21 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

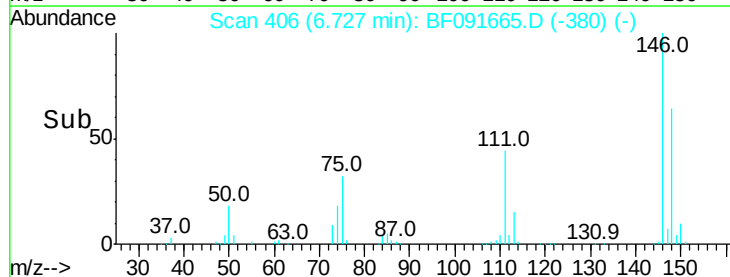
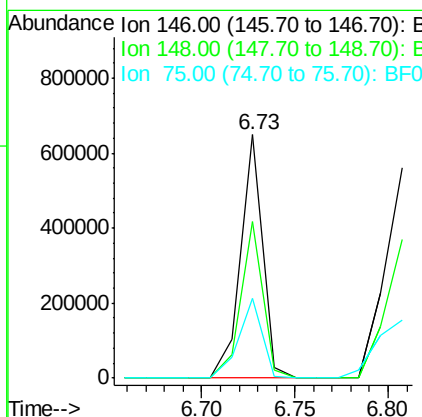
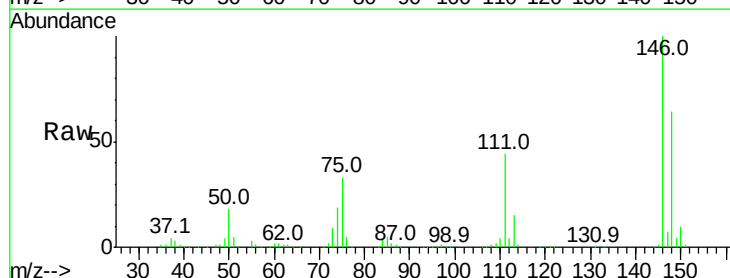
Instrument :
BNA_F
ClientSampleId :

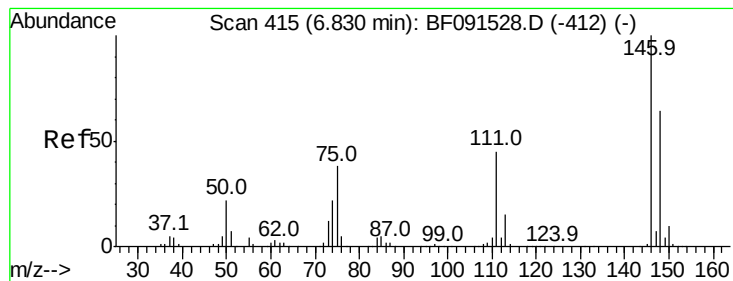
Tot Ion: 93 Resp: 552064
Ion Ratio Lower Upper
93 100
63 67.9 74.8 114.8#
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.21 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion: 146 Resp: 536987
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 32.7 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 41.45 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampled :

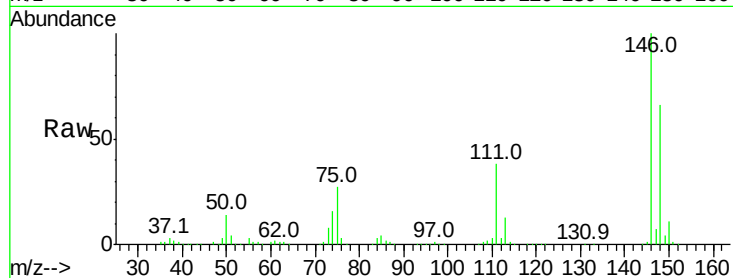
Tot Ion:146 Resp: 545996

Ion Ratio Lower Upper

146 100

148 66.3 51.4 77.0

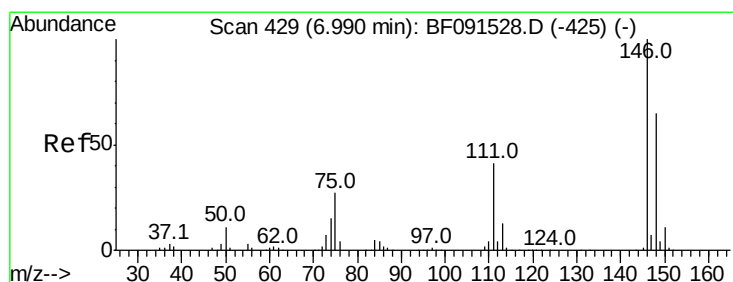
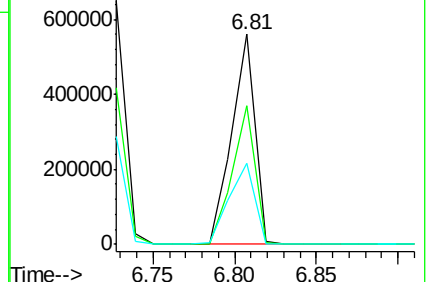
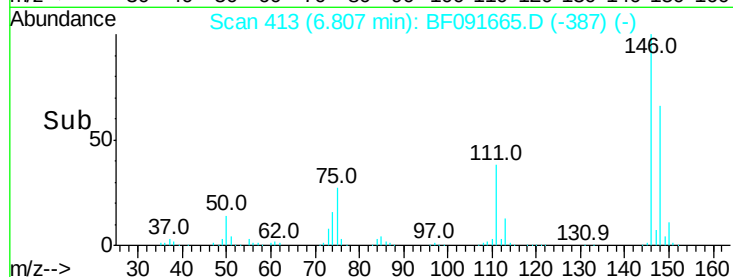
111 38.4 32.2 48.2



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



#14

1,2-Dichlorobenzene

Concen: 42.19 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

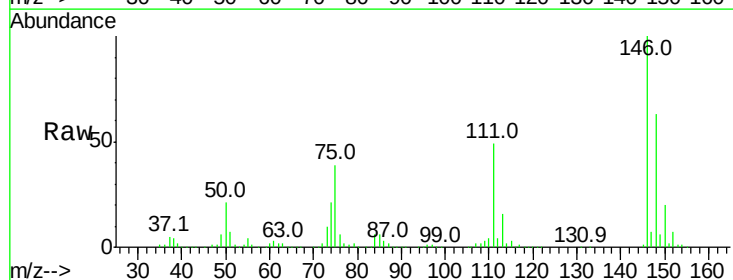
Tgt Ion:146 Resp: 500807

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

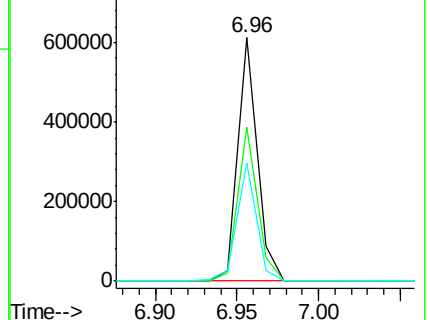
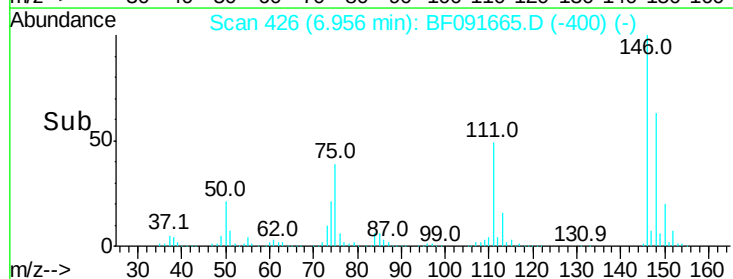
111 48.7 38.9 58.3

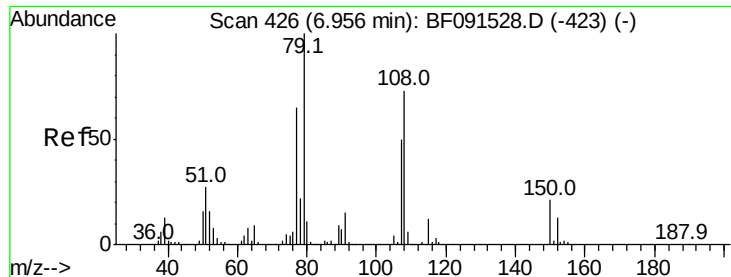


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.46 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampled :

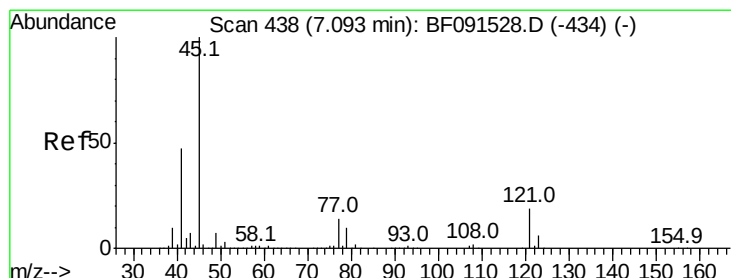
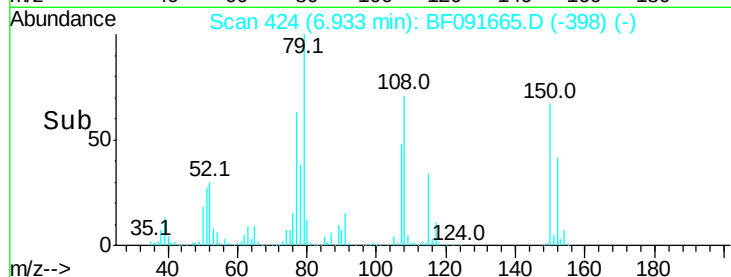
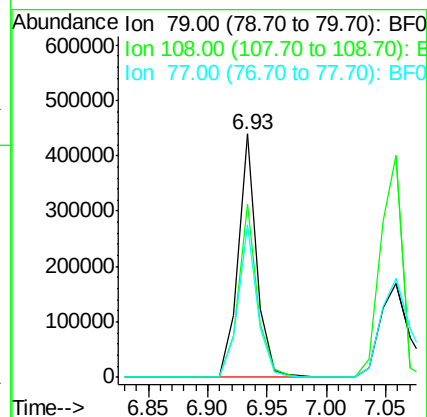
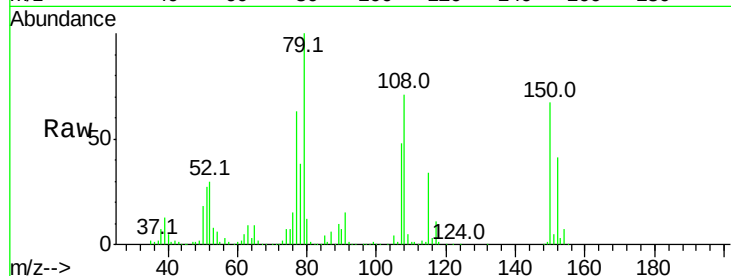
Tot Ion: 79 Resp: 477459

Ion Ratio Lower Upper

79 100

108 71.4 62.7 94.1

77 62.8 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.12 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

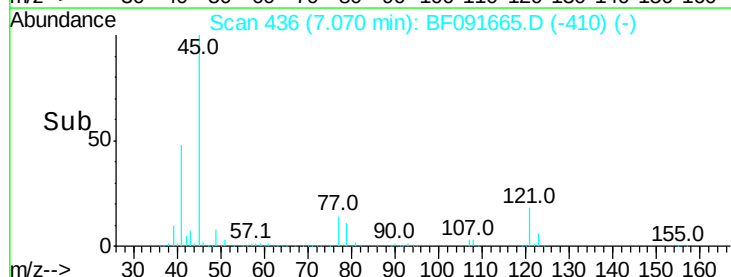
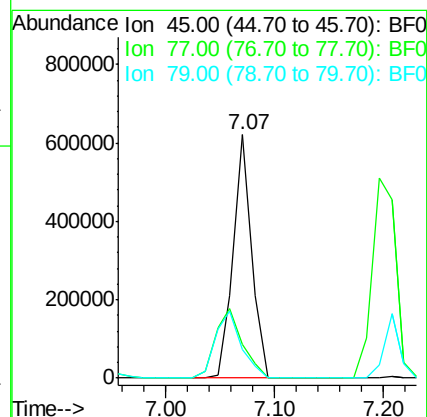
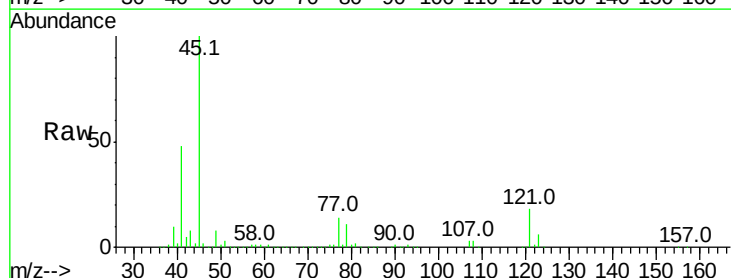
Tgt Ion: 45 Resp: 724272

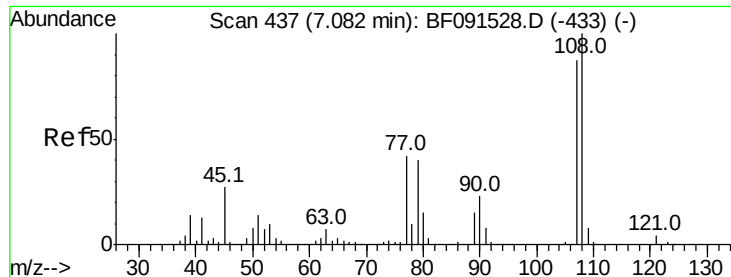
Ion Ratio Lower Upper

45 100

77 14.1 3.8 43.8

79 11.5 0.2 40.2

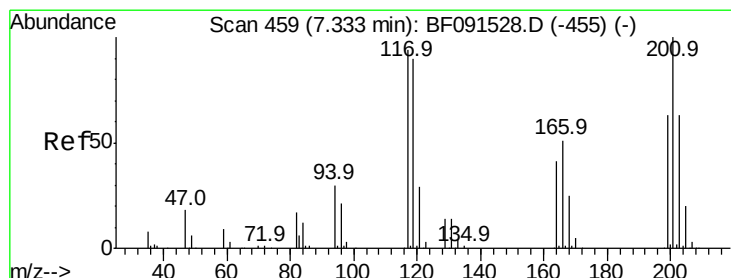
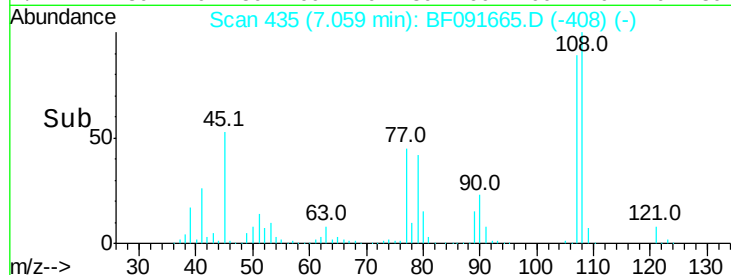
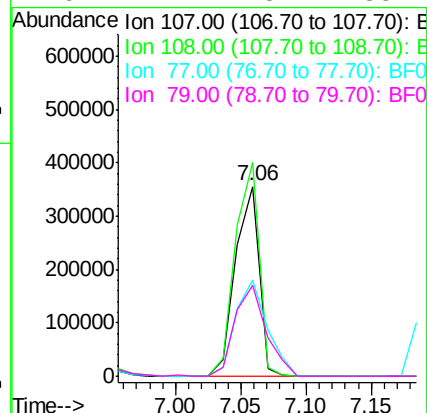
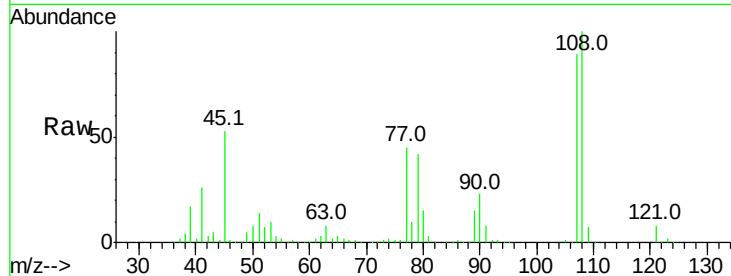




#17
2-Methylphenol
Concen: 43.98 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

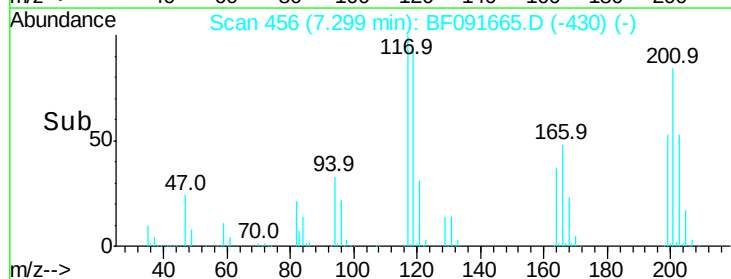
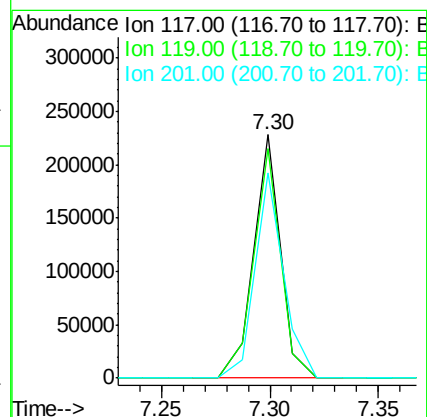
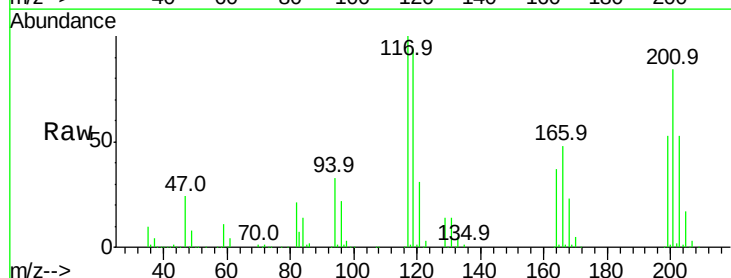
Instrument :
BNA_F
ClientSampleId :

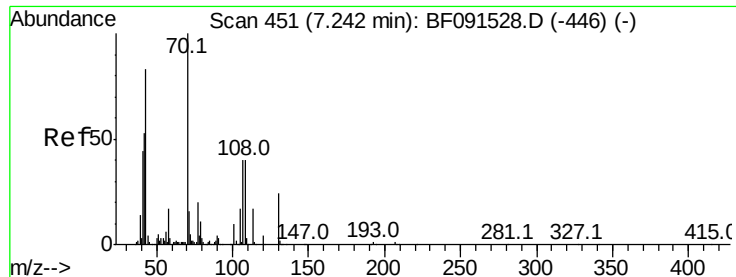
Tot Ion:107 Resp: 448095
Ion Ratio Lower Upper
107 100
108 112.4 67.7 101.5#
77 50.2 40.7 61.1
79 47.7 23.4 35.2#



#18
Hexachloroethane
Concen: 37.90 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion:117 Resp: 194837
Ion Ratio Lower Upper
117 100
119 94.2 78.6 118.0
201 84.3 86.7 130.1#





#19

n-Nitroso-di-n-propylamine

Concen: 45.24 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 384786

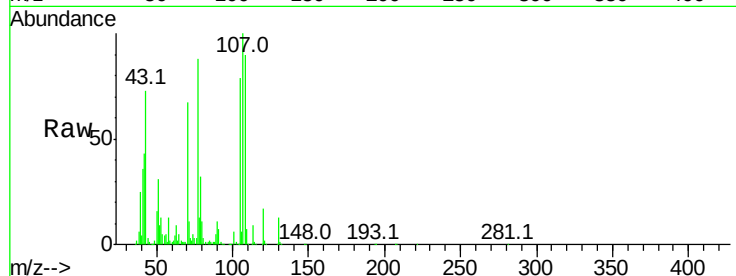
Ion Ratio Lower Upper

70 100

42 64.3 64.8 97.2#

101 9.2 6.2 9.4

130 18.8 11.7 17.5#

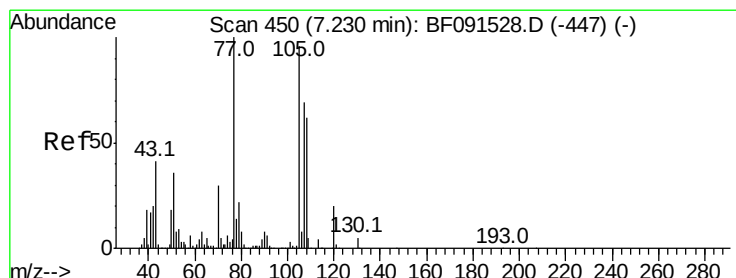
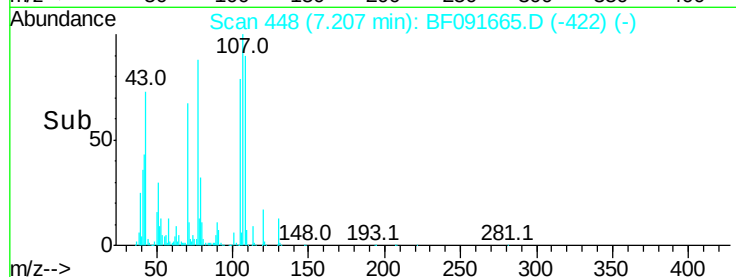
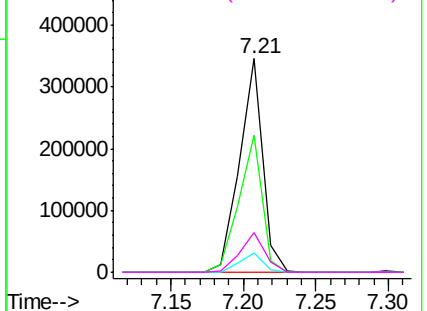


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 47.03 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion: 107 Resp: 516011

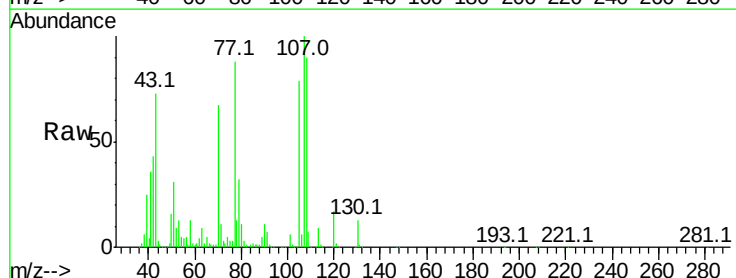
Ion Ratio Lower Upper

107 100

108 90.0 64.6 104.6

77 88.2 30.9 70.9#

79 31.7 9.3 49.3

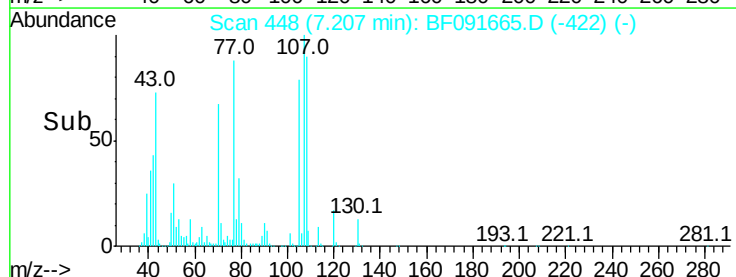
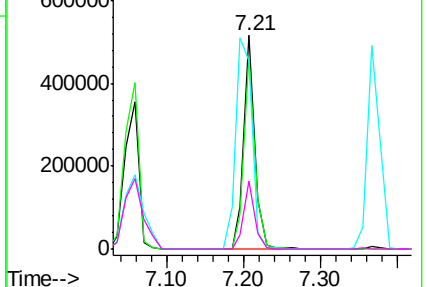


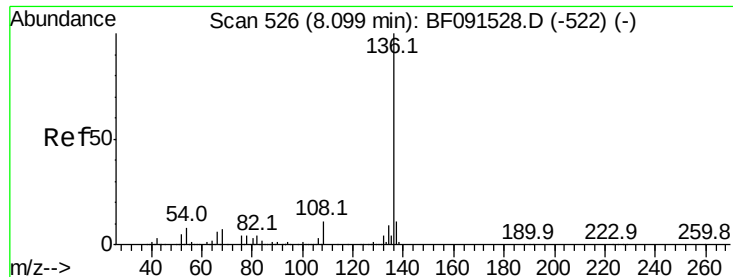
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

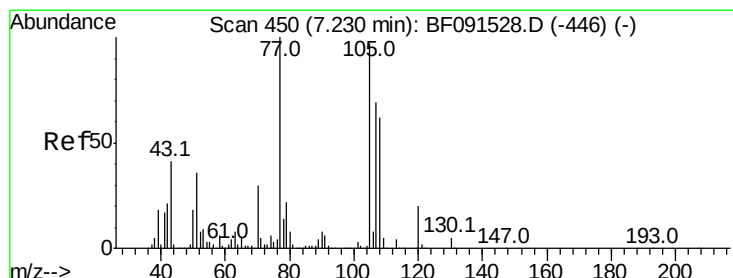
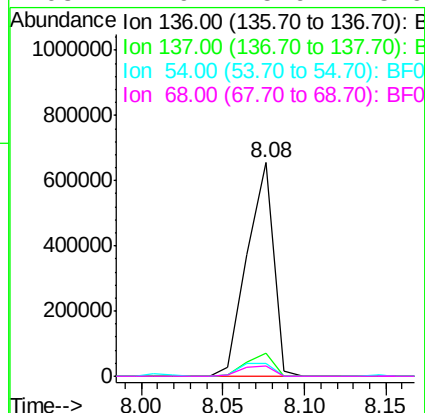
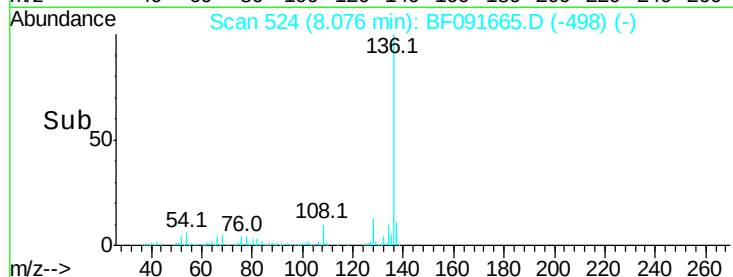
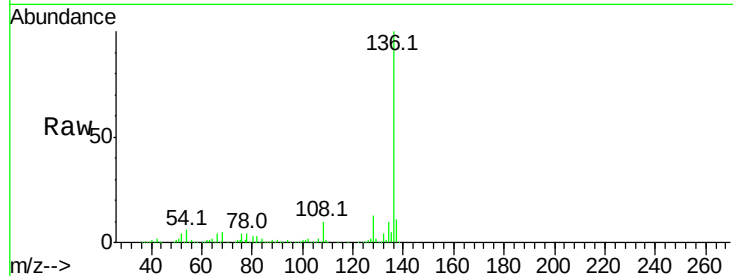




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

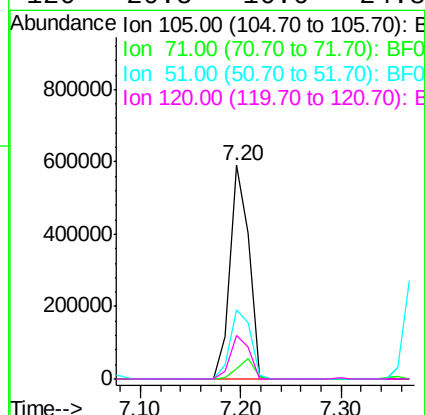
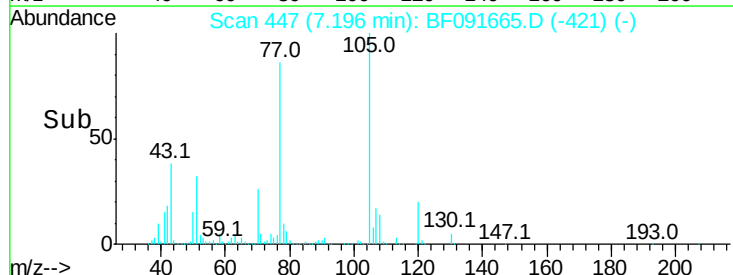
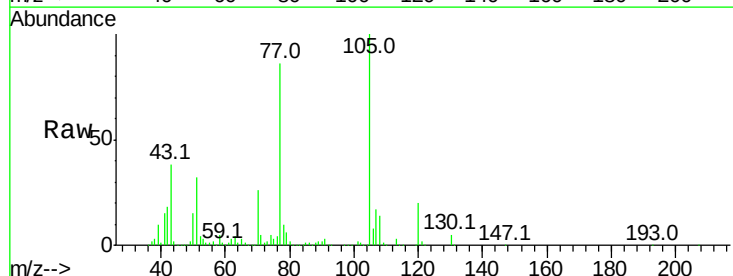
Instrument :
BNA_F
ClientSampled :

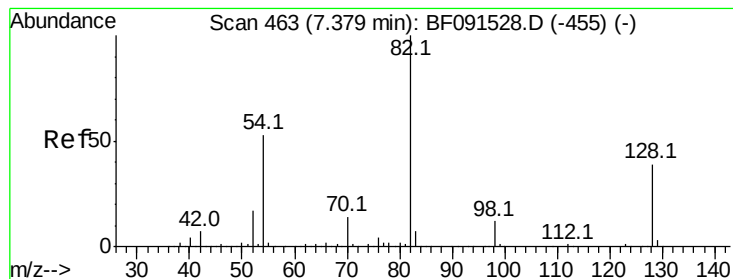
Tot Ion:136	Resp: 735756
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 6.2	9.1 13.7#
68 4.9	5.9 8.9#



#22
Acetophenone
Concen: 43.72 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion:105	Resp: 770728
Ion Ratio	Lower Upper
105 100	
71 4.6	7.9 11.9#
51 32.2	24.5 36.7
120 20.5	16.6 24.8





#23

Nitrobenzene-d5

Concen: 93.12 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampled :

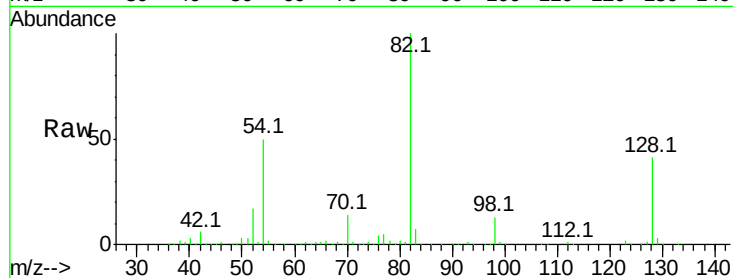
Tot Ion: 82 Resp: 1227552

Ion Ratio Lower Upper

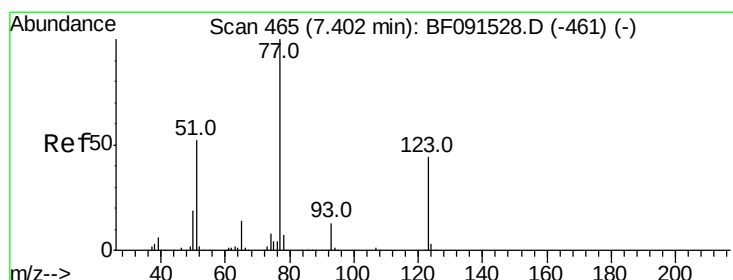
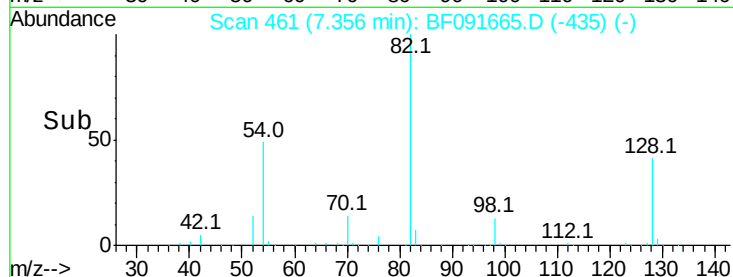
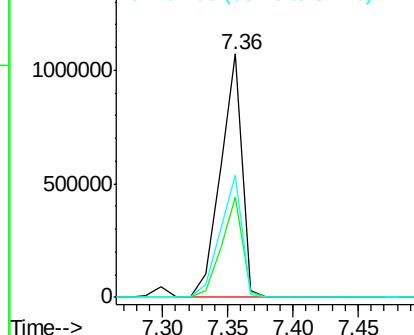
82 100

128 41.0 31.8 47.6

54 50.3 49.1 73.7



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



#24

Nitrobenzene

Concen: 39.07 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

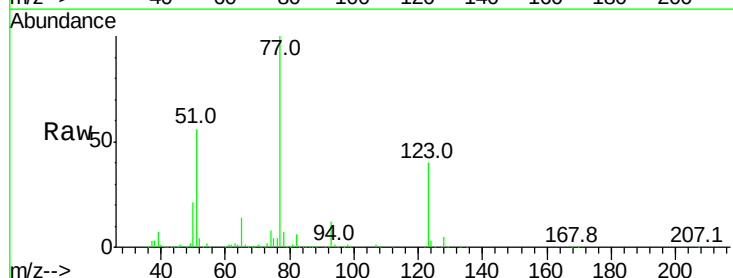
Tgt Ion: 77 Resp: 544116

Ion Ratio Lower Upper

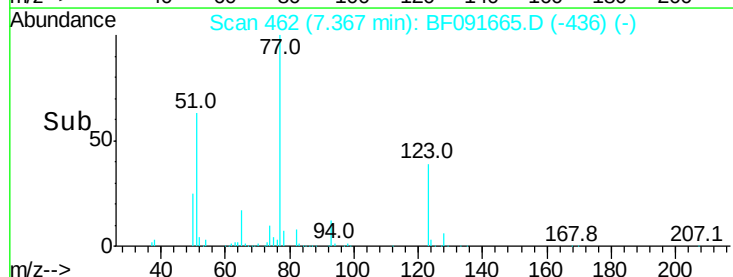
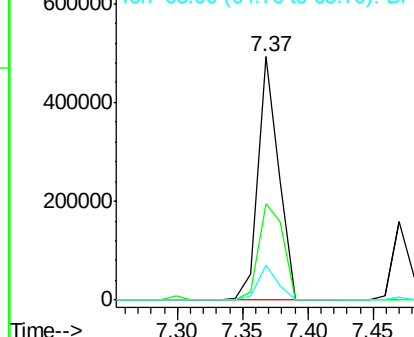
77 100

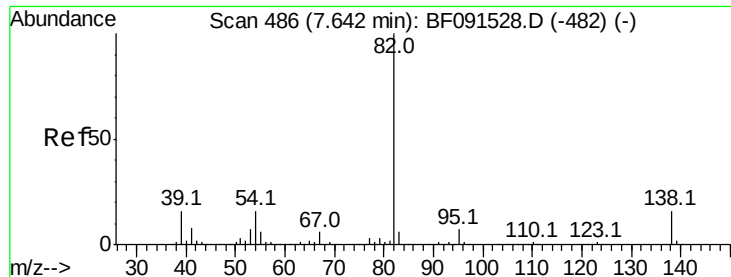
123 39.8 28.5 42.7

65 14.3 12.5 18.7



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





#25

Isophorone

Concen: 46.80 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

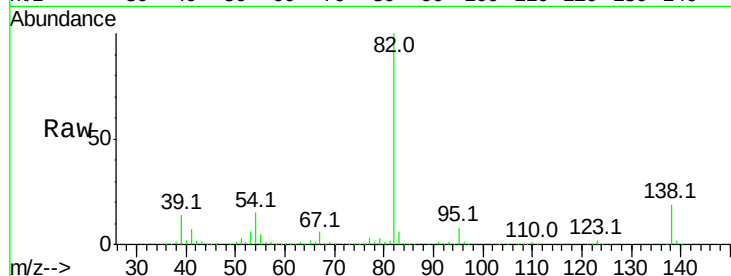
Tot Ion: 82 Resp: 1096642

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

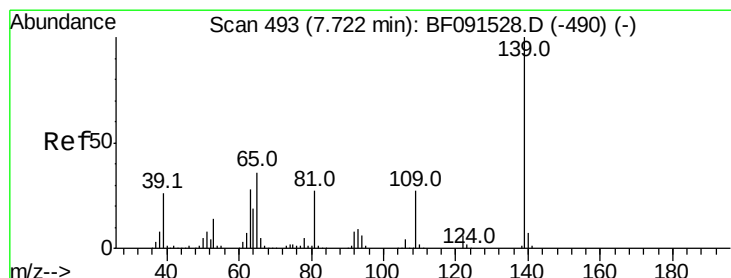
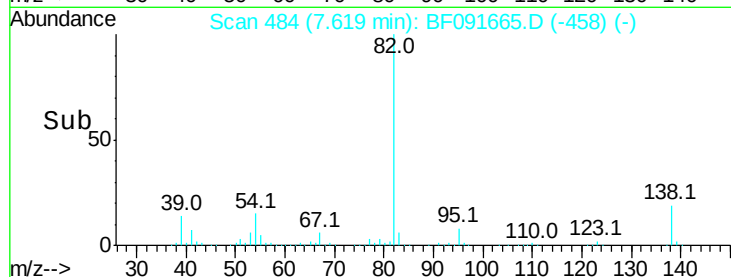
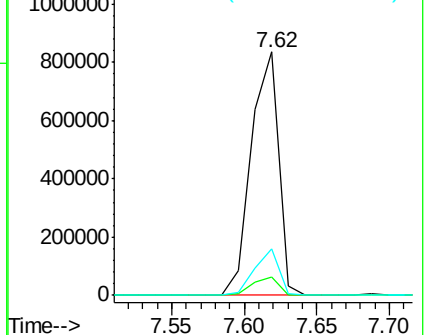
138 18.9 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.94 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

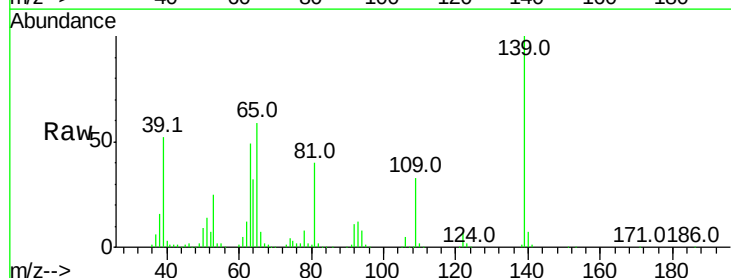
Tgt Ion: 139 Resp: 257816

Ion Ratio Lower Upper

139 100

109 33.4 25.3 37.9

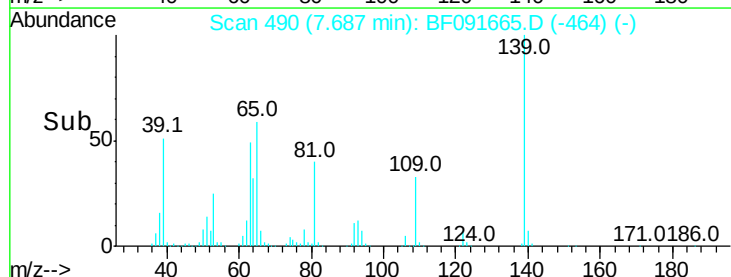
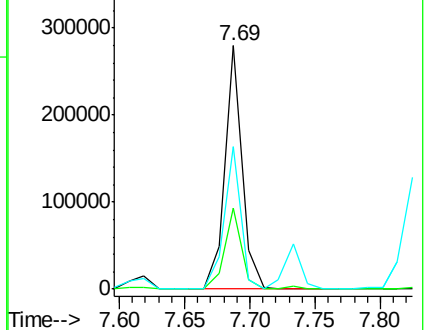
65 58.8 55.4 83.2

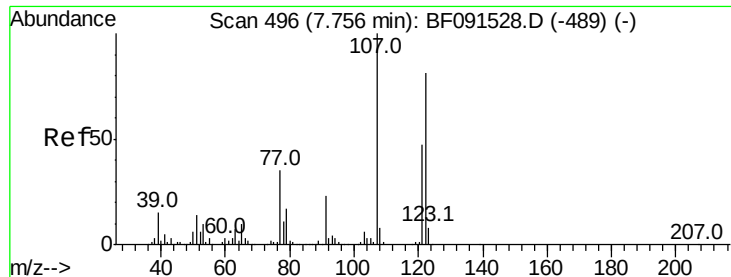


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

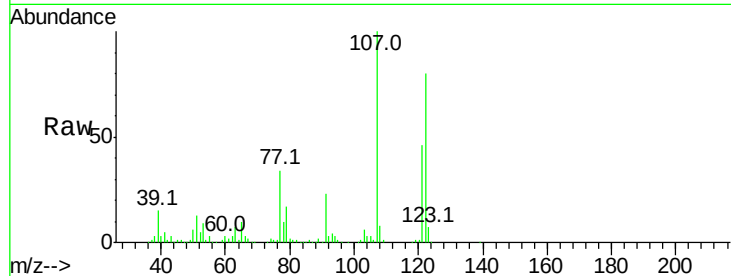




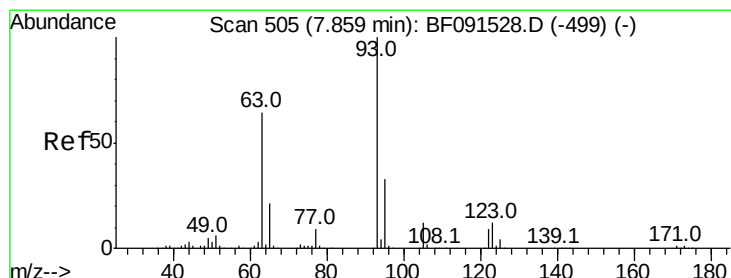
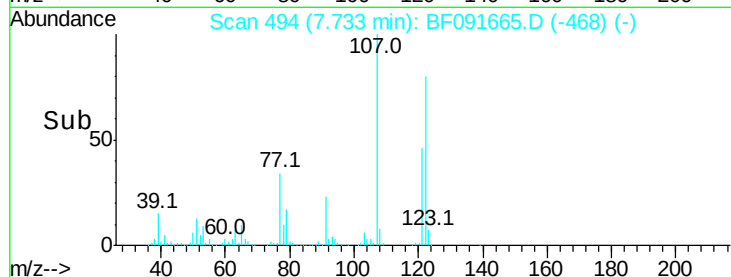
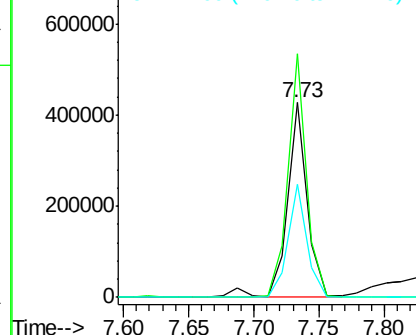
#27
2,4-Dimethylphenol
Concen: 42.31 ng
RT: 7.73 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 456860
Ion Ratio Lower Upper
122 100
107 125.1 96.8 145.2
121 58.0 47.7 71.5

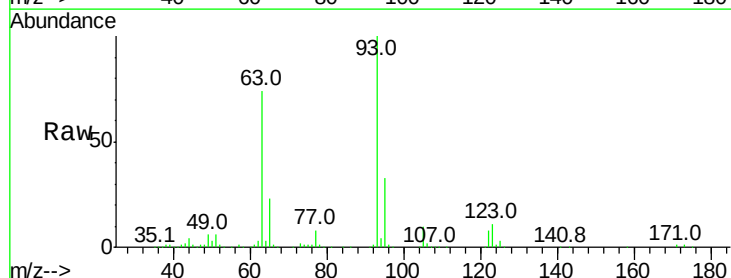


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

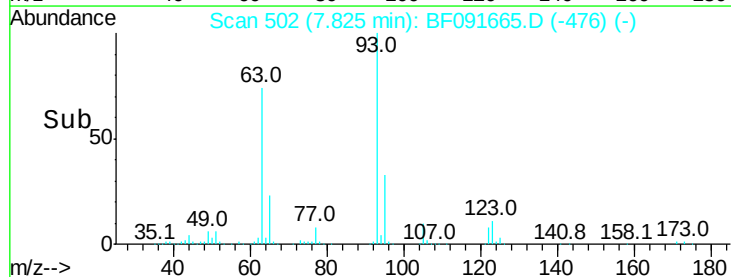
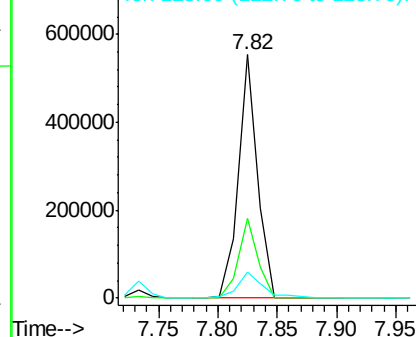


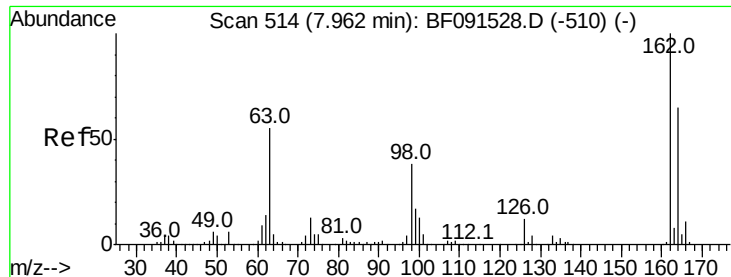
#28
bis(2-Chloroethoxy)methane
Concen: 44.99 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion: 93 Resp: 618376
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 10.7 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

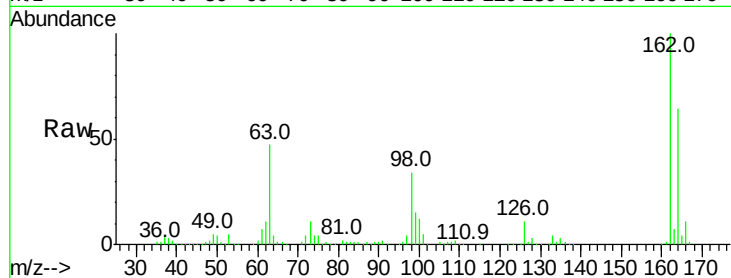




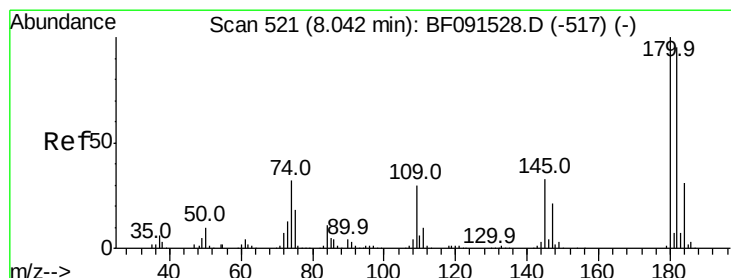
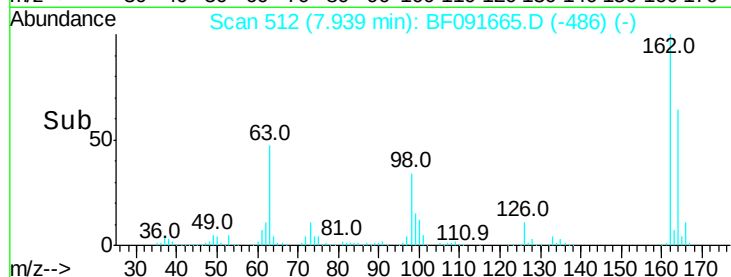
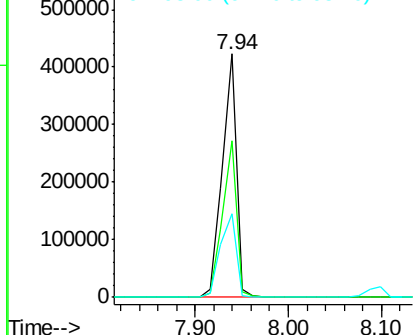
#29
 2,4-Dichlorophenol
 Concen: 47.35 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 444770
 Ion Ratio Lower Upper
 162 100
 164 64.5 45.0 85.0
 98 34.3 21.3 61.3

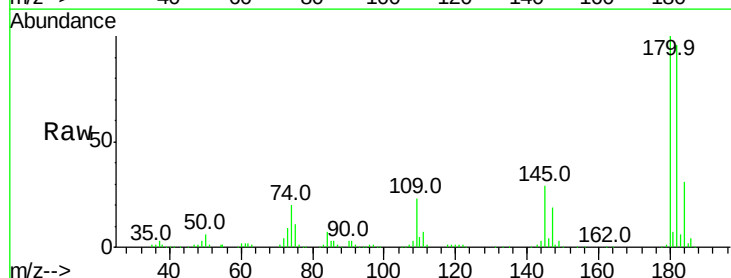


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

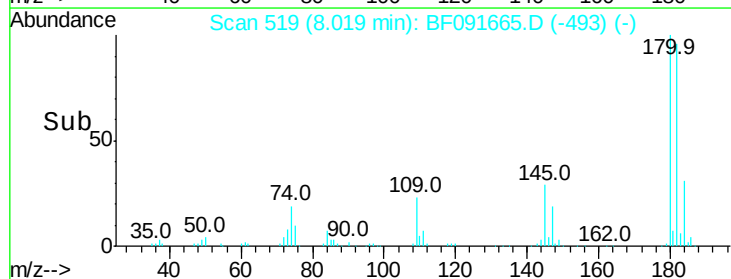
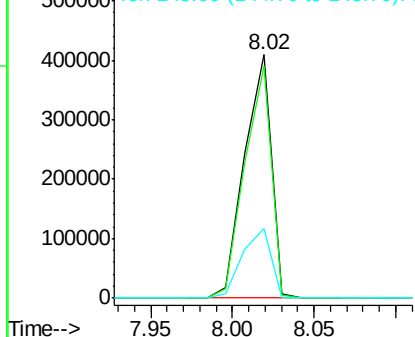


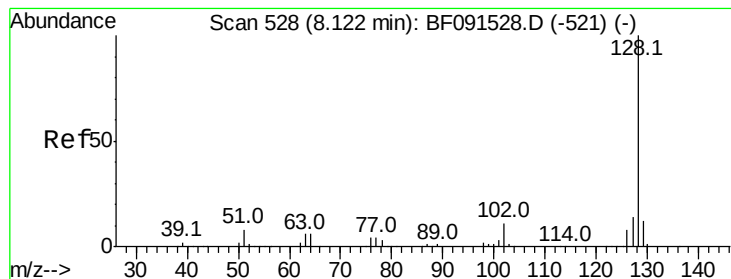
#30
 1,2,4-Trichlorobenzene
 Concen: 43.55 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion:180 Resp: 464942
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.8 113.8
 145 28.8 27.0 40.4



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





#31

Naphthalene

Concen: 43.84 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

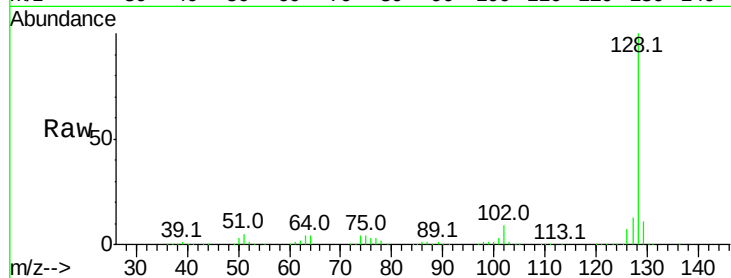
Tot Ion:128 Resp: 1500812

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

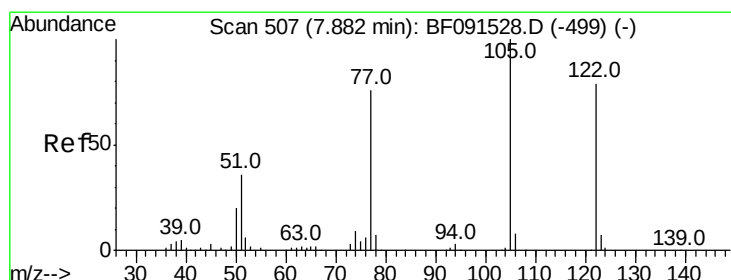
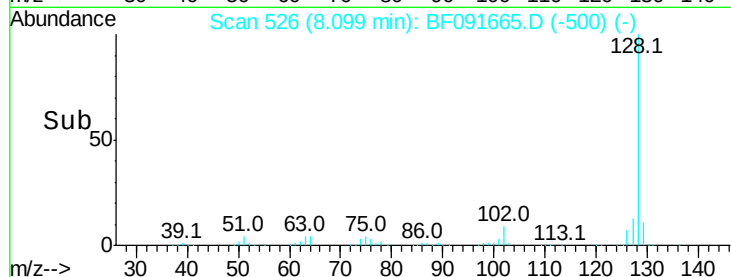
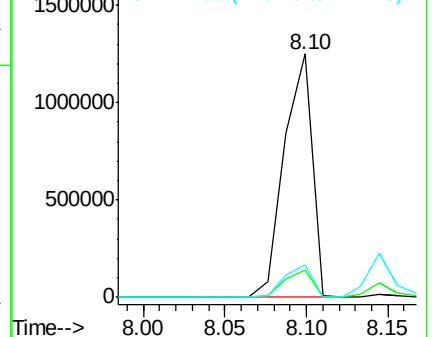
127 13.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.02 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

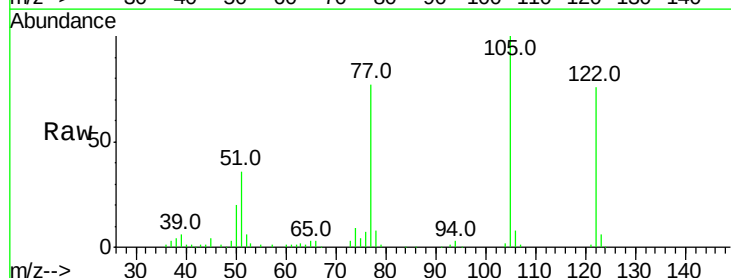
Tgt Ion:122 Resp: 311679

Ion Ratio Lower Upper

122 100

105 131.0 113.0 153.0

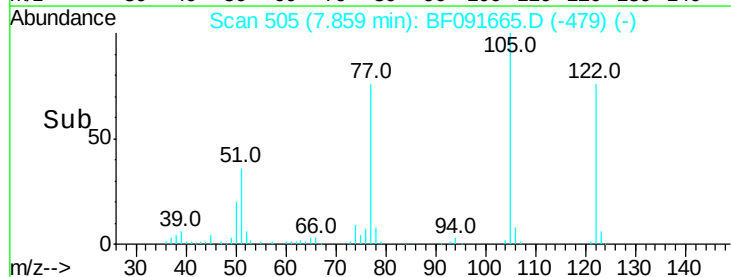
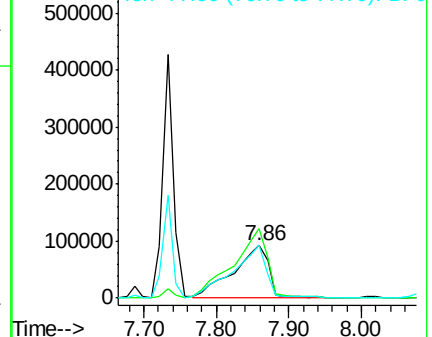
77 101.4 82.0 122.0

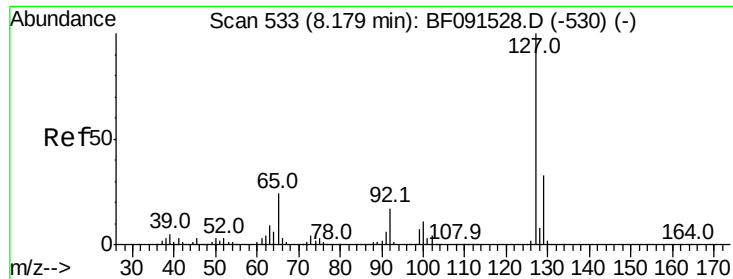


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

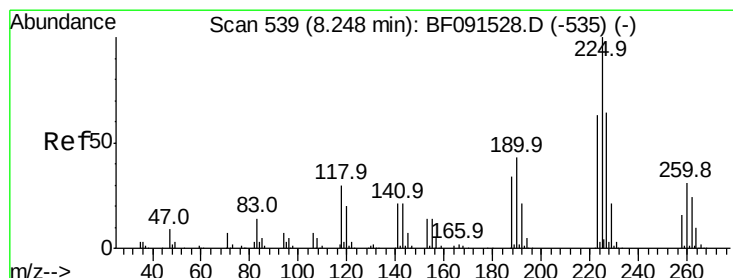
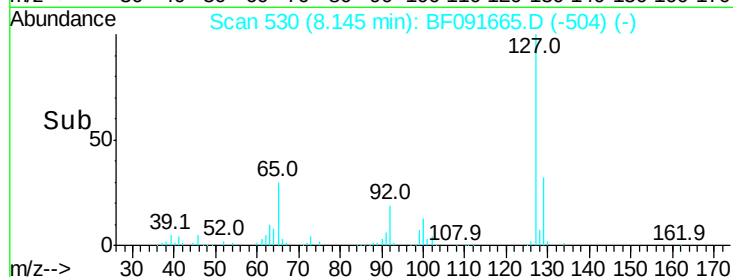
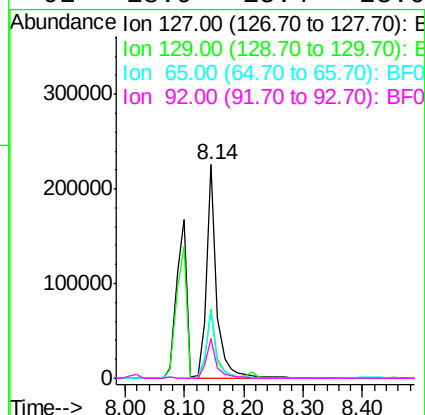
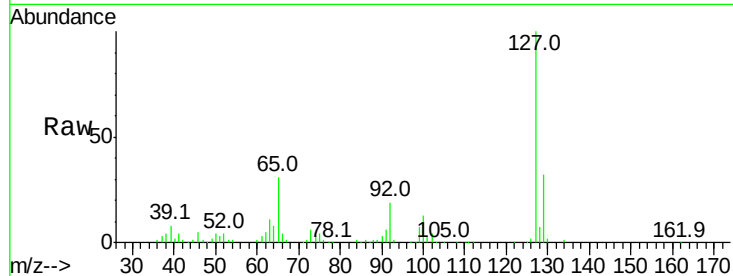




#33
4-Chloroaniline
Concen: 18.62 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

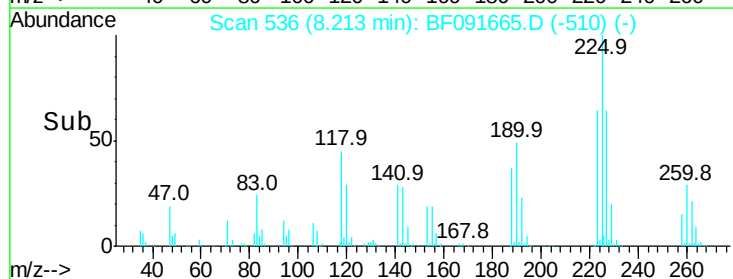
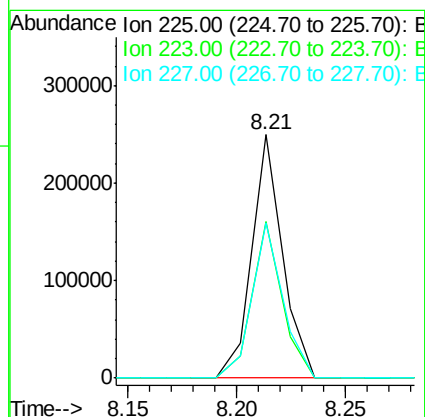
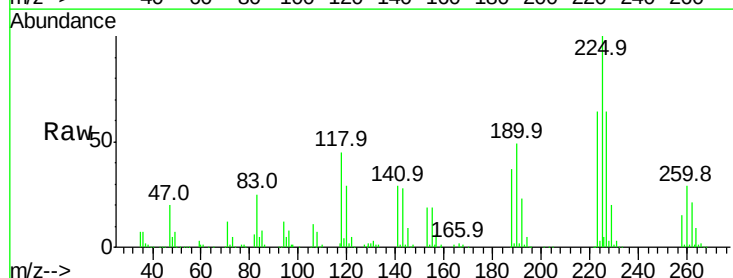
Instrument :
BNA_F
ClientSampleId :

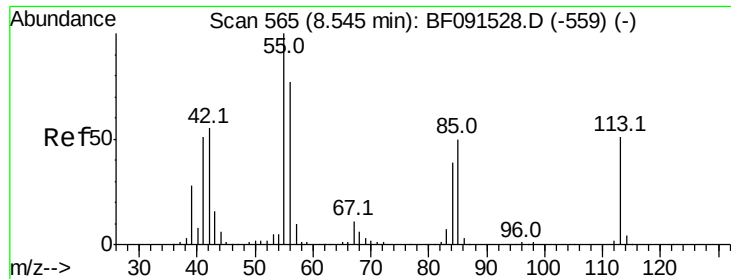
Tot Ion:	127	Resp:	274611
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	30.9	26.6	39.8
92	18.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.90 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion:	225	Resp:	244179
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.8	74.6
227	63.9	52.6	79.0

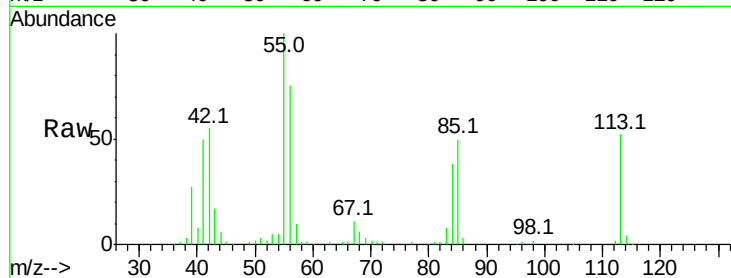




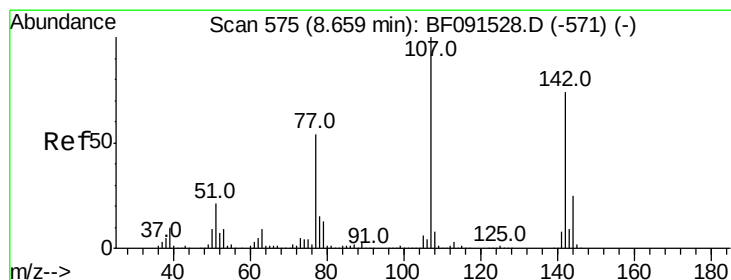
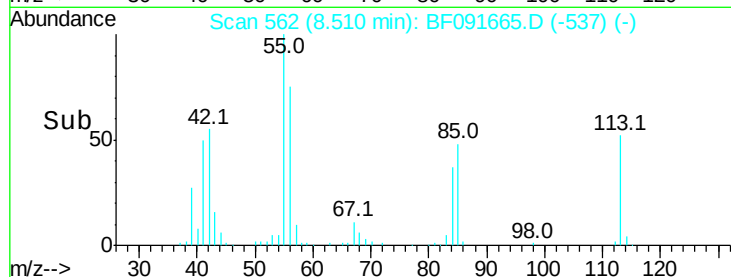
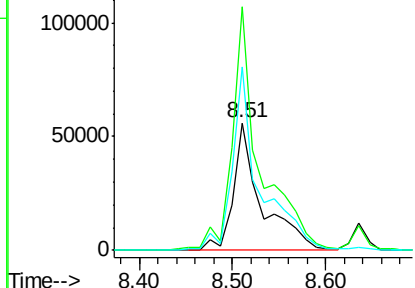
#35
 Caprolactam
 Concen: 43.46 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 119231
 Ion Ratio Lower Upper
 113 100
 55 190.8 239.8 279.8#
 56 143.7 165.6 205.6#

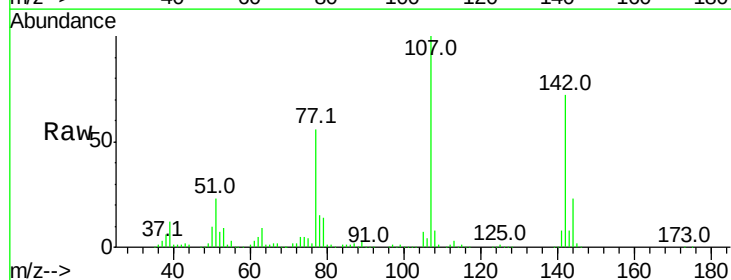


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

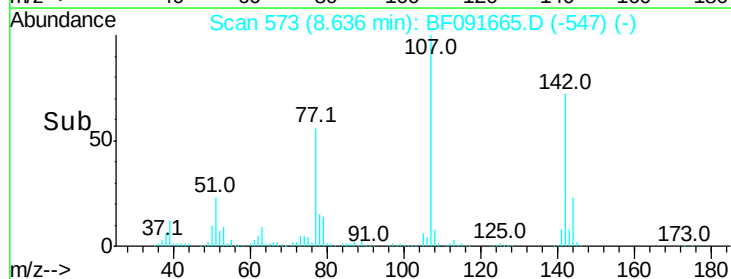
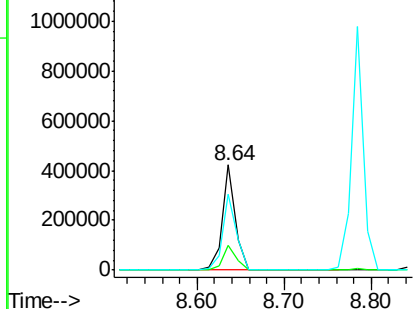


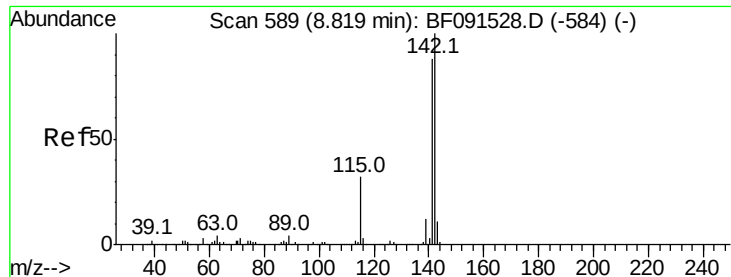
#36
 4-Chloro-3-methylphenol
 Concen: 42.24 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion:107 Resp: 445046
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.9 28.3
 142 72.4 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.65 ng

RT: 8.89 min Scan# 595

Delta R.T. 0.10 min

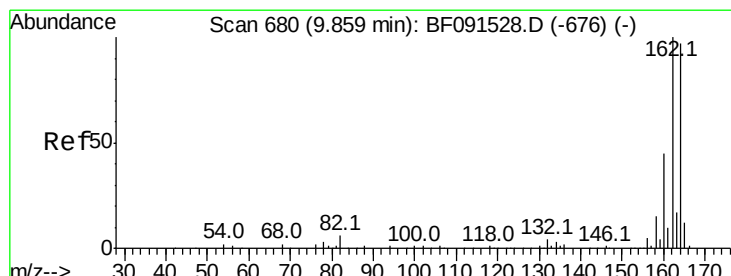
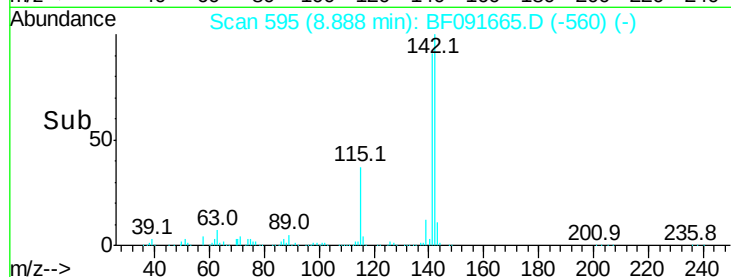
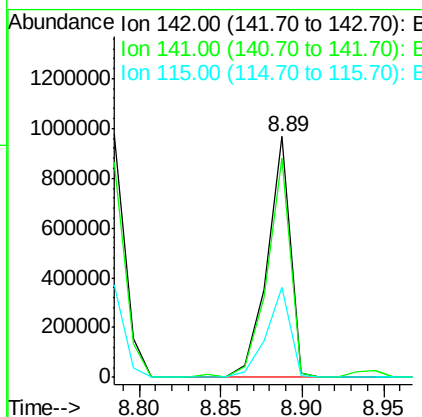
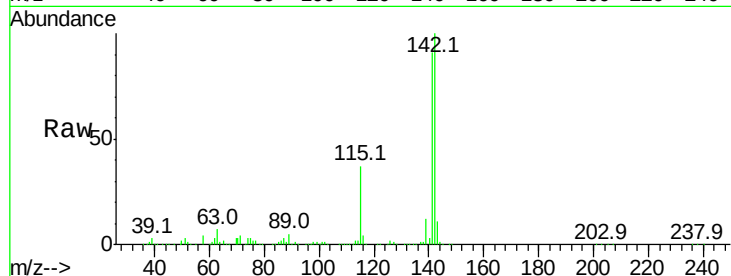
Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 944927

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.7	107.5
115	37.4	25.0	37.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

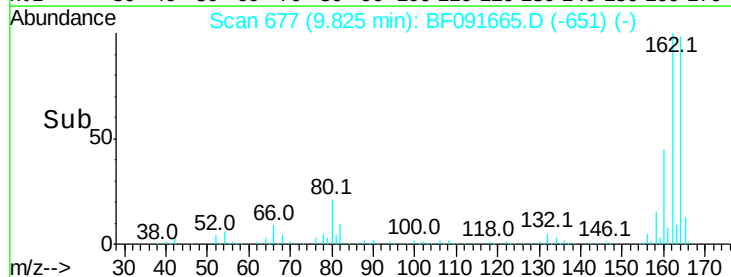
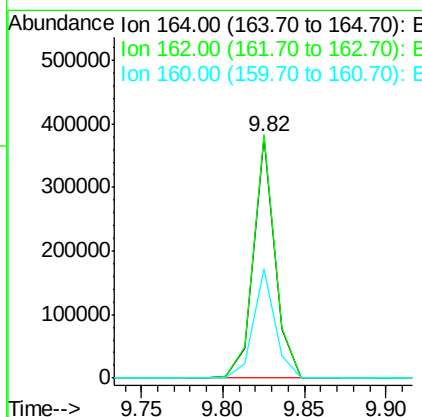
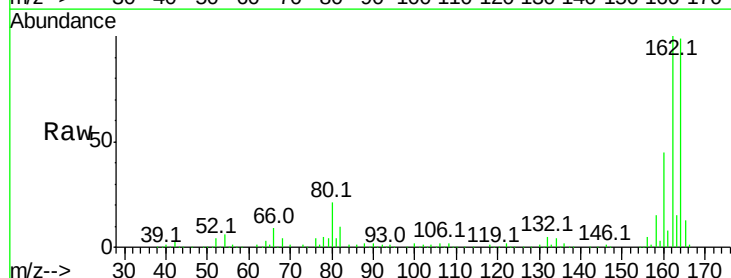
Delta R.T. 0.00 min

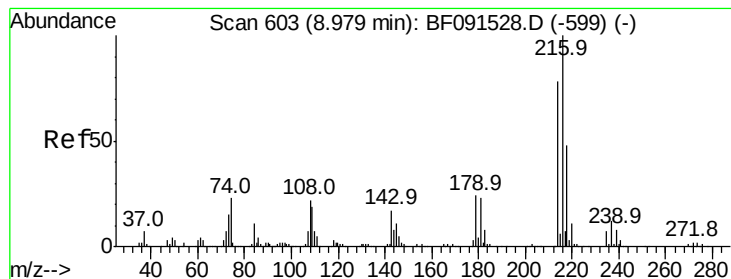
Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:164 Resp: 348510

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	124.0
160	45.4	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.11 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 431173

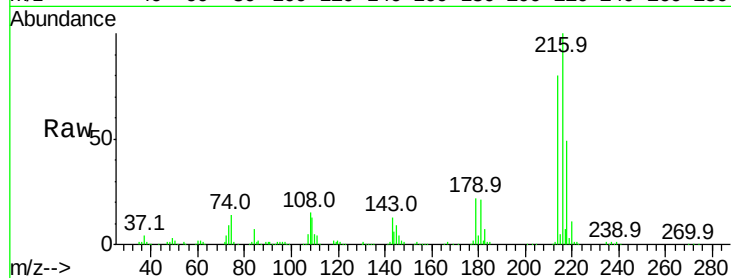
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 23.4 18.2 27.2

108 21.5 17.2 25.8

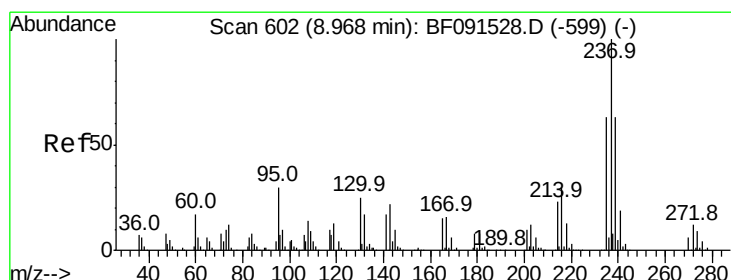
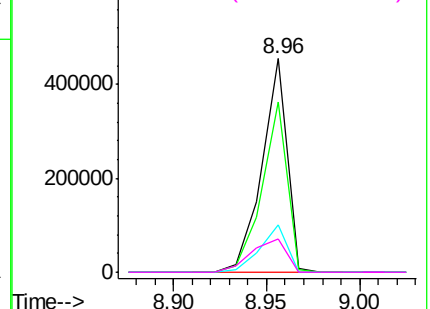
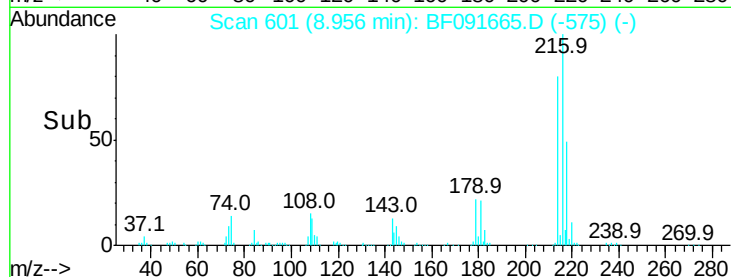


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 58.55 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

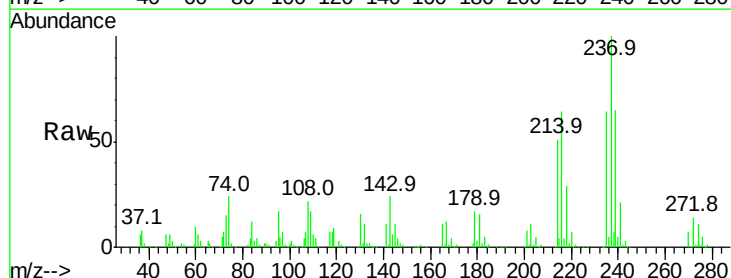
Tgt Ion:237 Resp: 249529

Ion Ratio Lower Upper

237 100

235 64.0 43.9 83.9

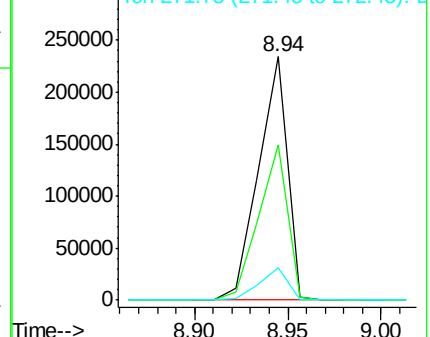
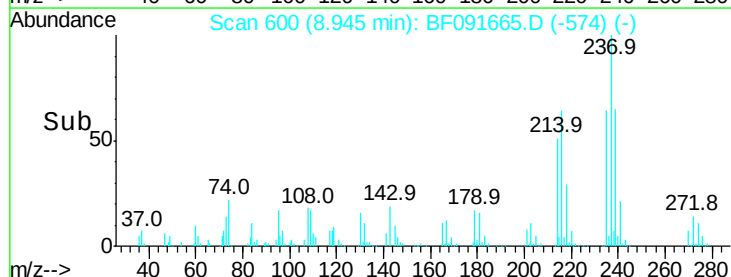
272 13.5 0.0 33.1

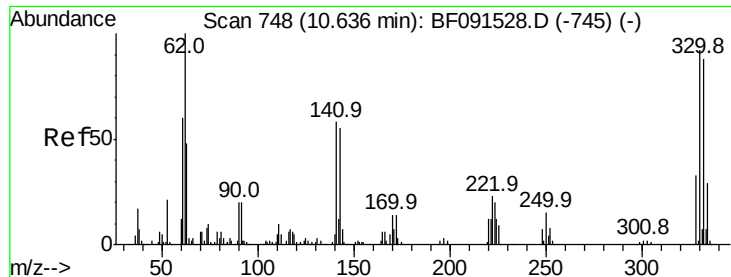


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

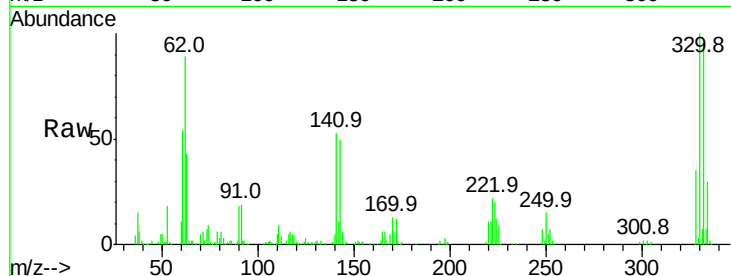




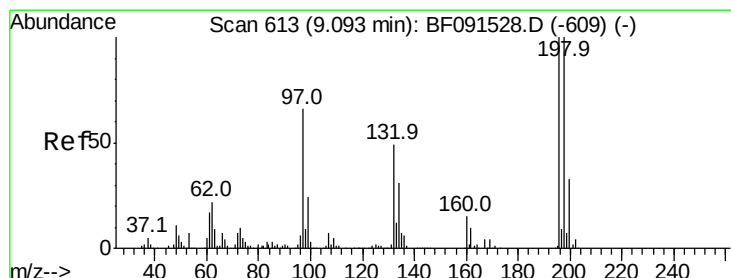
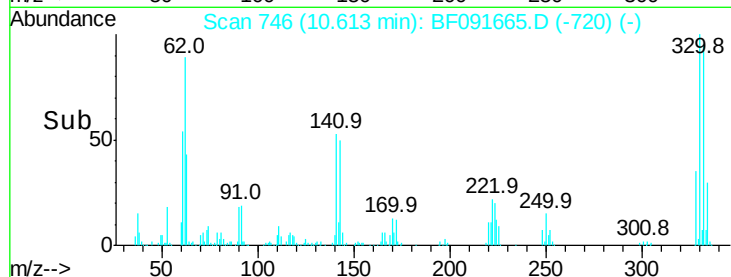
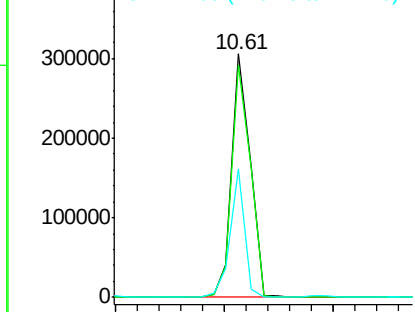
#41
 2,4,6-Tribromophenol
 Concen: 123.63 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 357881
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 40.9 33.6 50.4

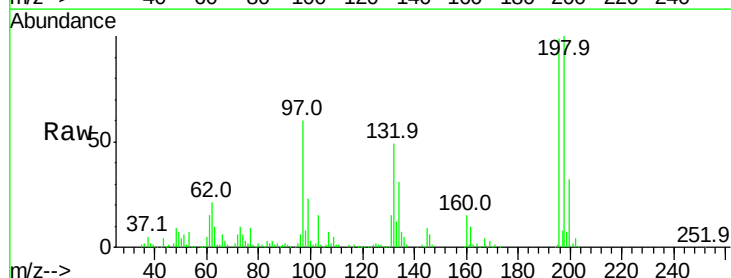


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

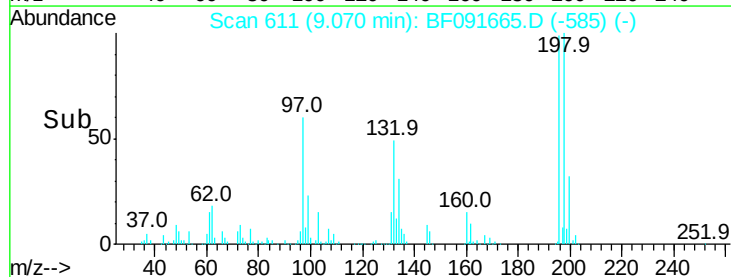
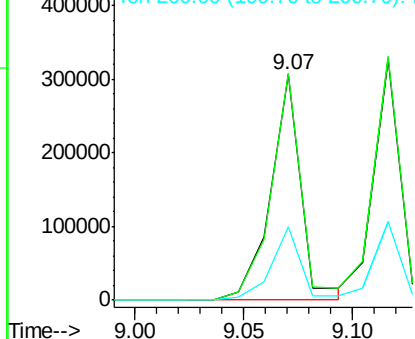


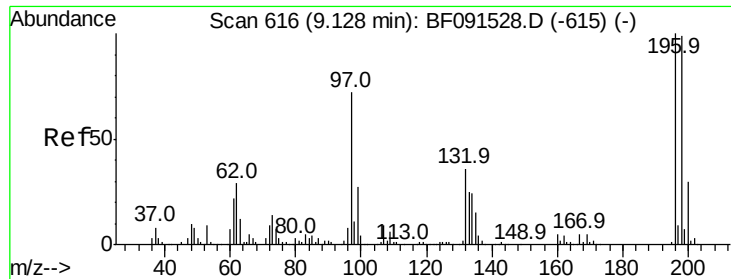
#42
 2,4,6-Trichlorophenol
 Concen: 48.58 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion:196 Resp: 298384
 Ion Ratio Lower Upper
 196 100
 198 100.8 77.4 116.0
 200 32.7 25.2 37.8



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

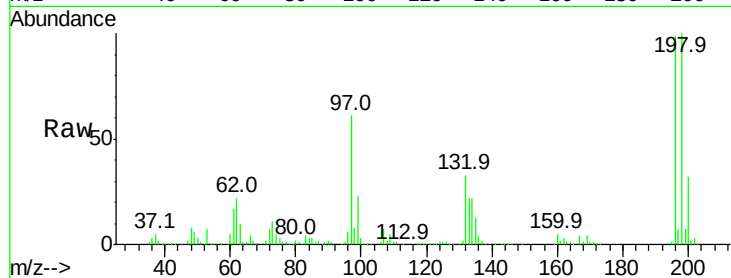




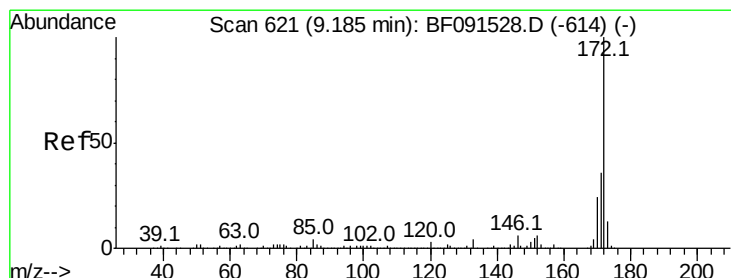
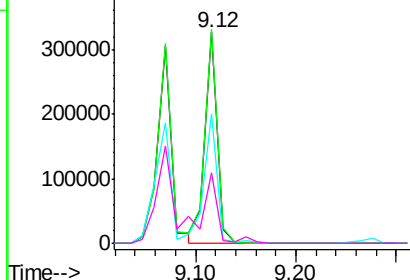
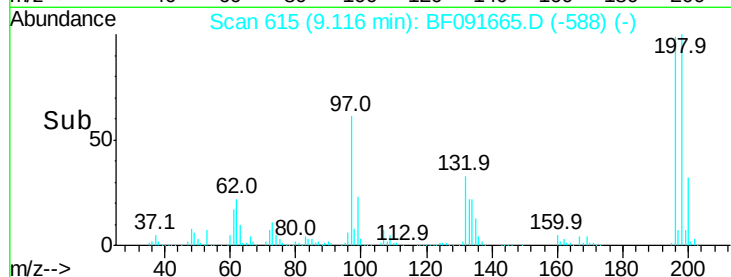
#43
 2,4,5-Trichlorophenol
 Concen: 44.06 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 278082
 Ion Ratio Lower Upper
 196 100
 198 101.2 77.0 115.6
 97 61.5 33.5 50.3#
 132 33.4 20.5 30.7#

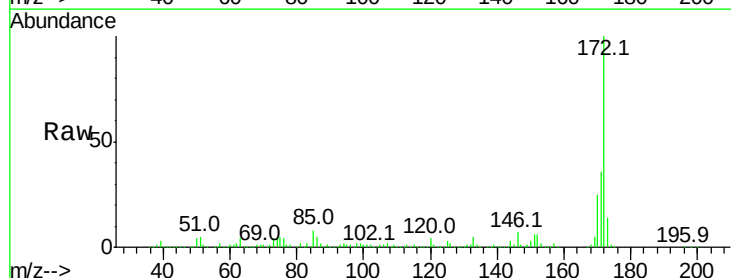


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

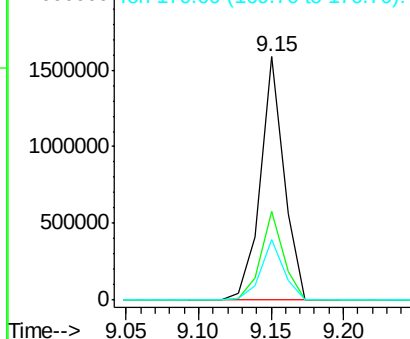
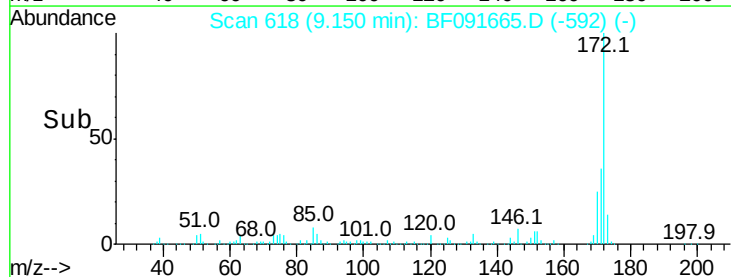


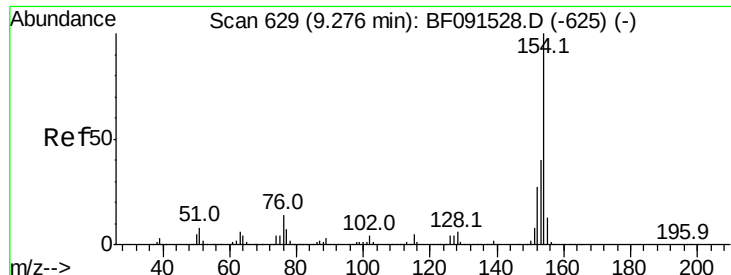
#44
 2-Fluorobiphenyl
 Concen: 88.60 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion:172 Resp: 1787035
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.6 19.7 29.5



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





#45

1,1'-Biphenyl

Concen: 49.67 ng

RT: 9.25 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

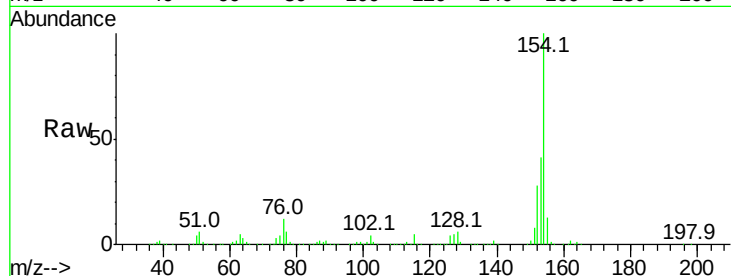
Tot Ion:154 Resp: 1253882

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

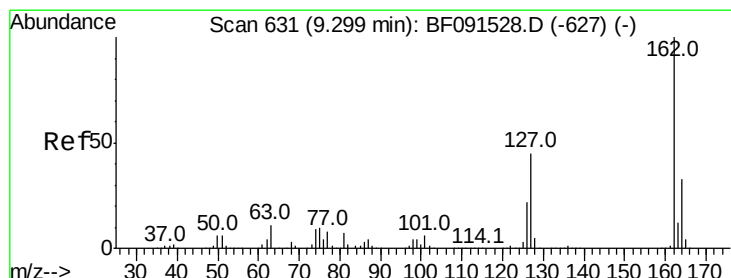
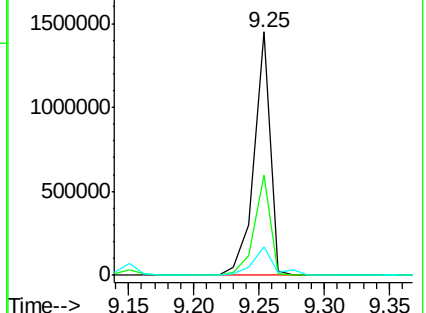
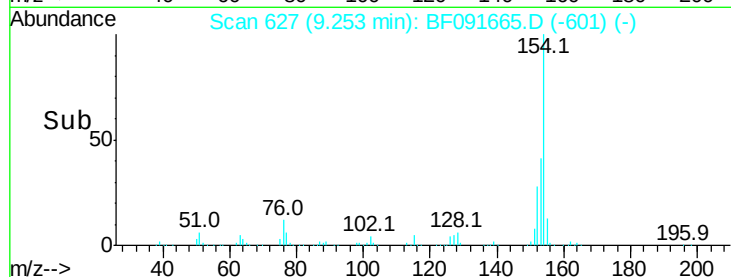
76 11.7 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.31 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

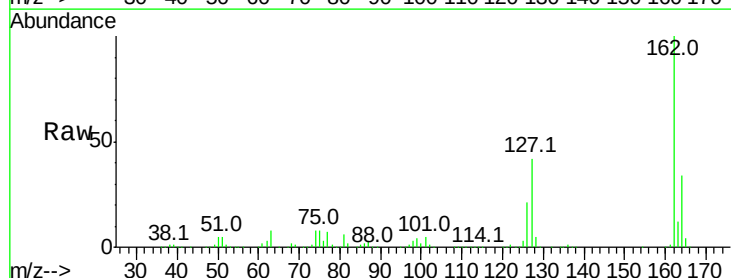
Tgt Ion:162 Resp: 905301

Ion Ratio Lower Upper

162 100

127 41.7 34.3 51.5

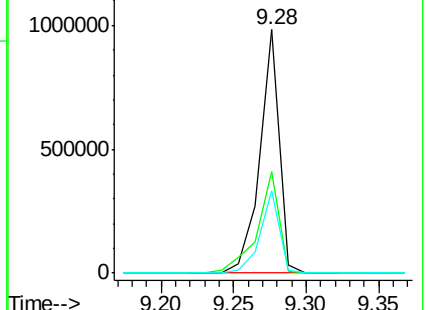
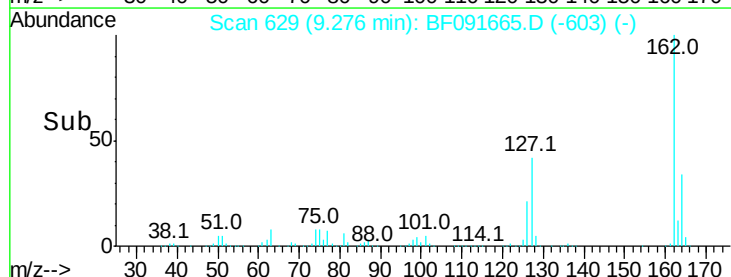
164 34.0 26.6 40.0

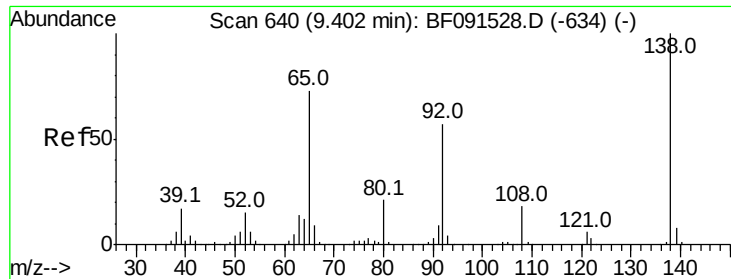


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

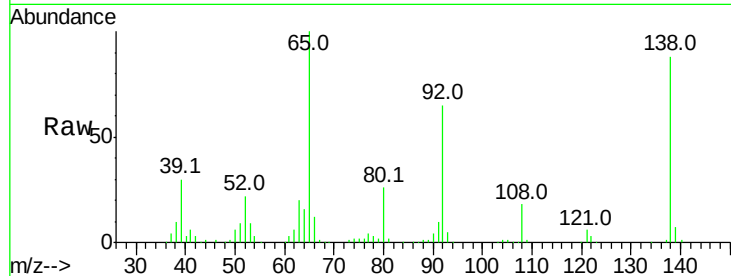




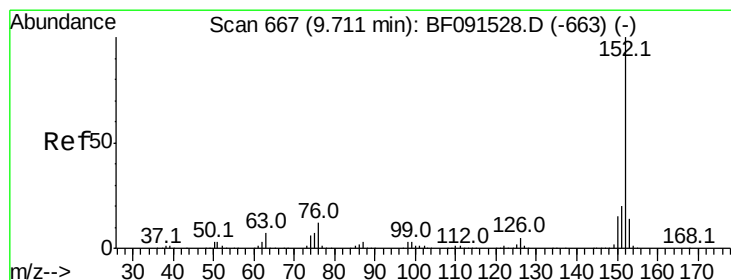
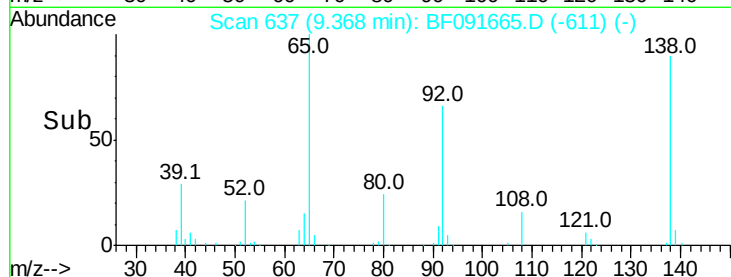
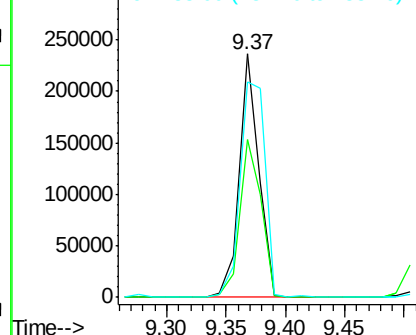
#47
2-Nitroaniline
Concen: 41.20 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 270801
Ion Ratio Lower Upper
65 100
92 64.7 53.6 80.4
138 88.4 91.0 136.6#

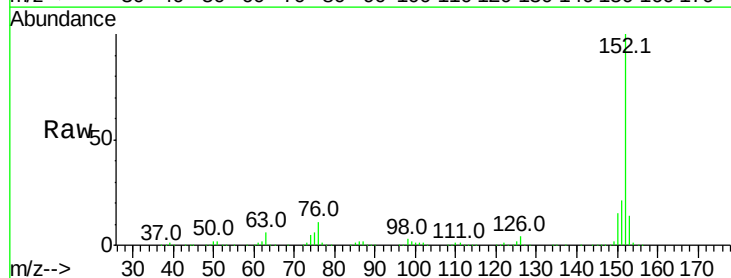


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

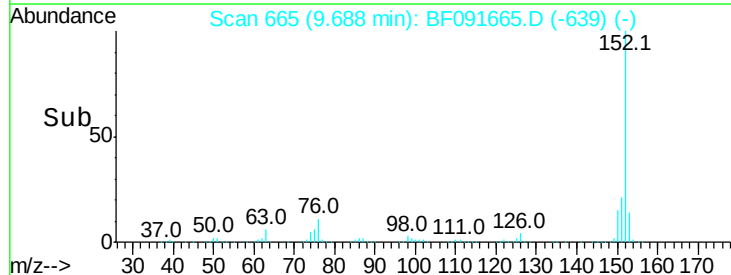
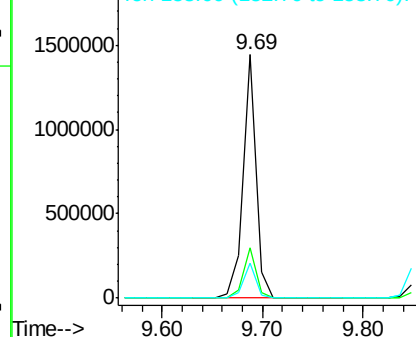


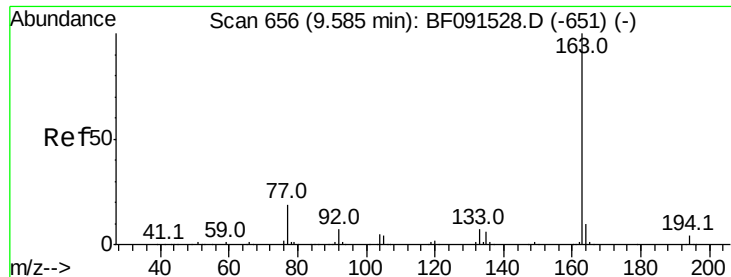
#48
Acenaphthylene
Concen: 43.49 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion:152 Resp: 1295865
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 14.1 10.7 16.1



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

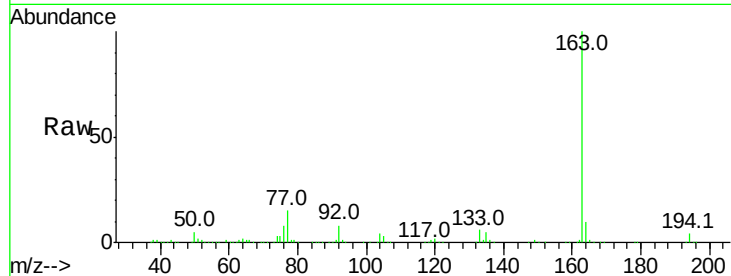




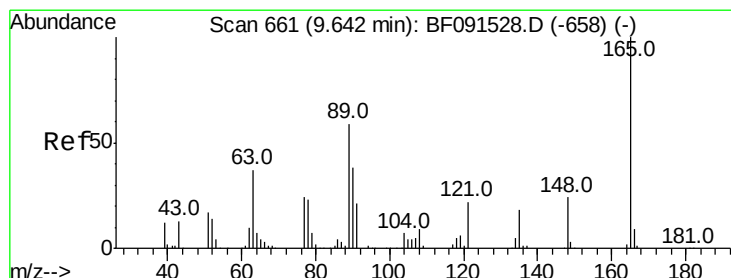
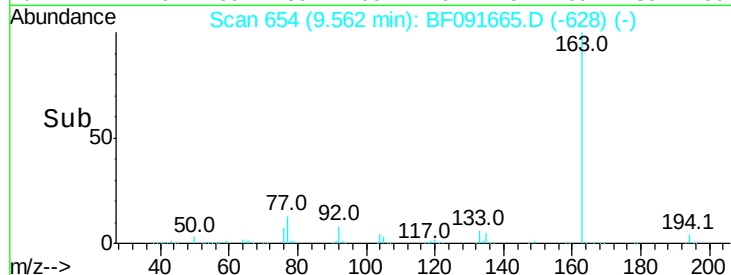
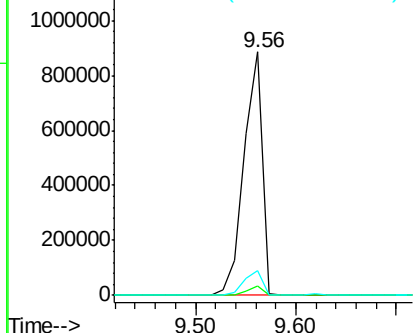
#49
Dimethylphthalate
Concen: 50.69 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1118511
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.9 7.8 11.8

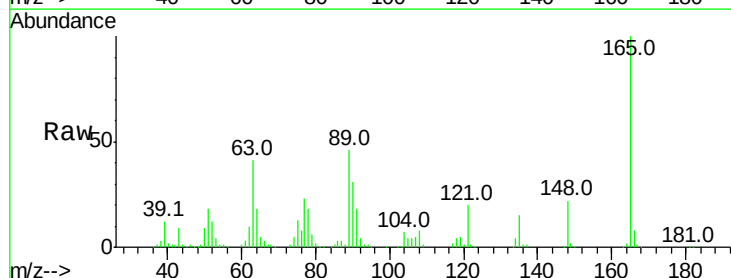


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

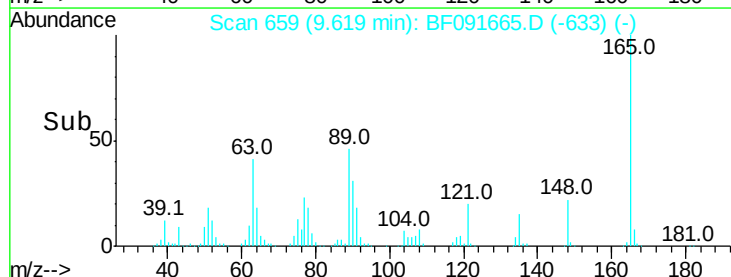
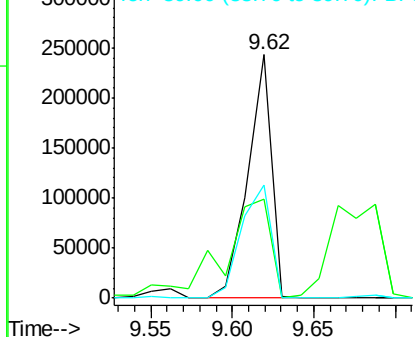


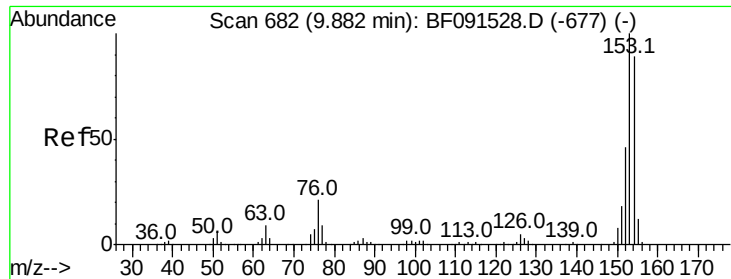
#50
2,6-Dinitrotoluene
Concen: 50.68 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion:165 Resp: 245443
Ion Ratio Lower Upper
165 100
63 40.8 59.4 89.0#
89 46.4 50.8 76.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.97 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

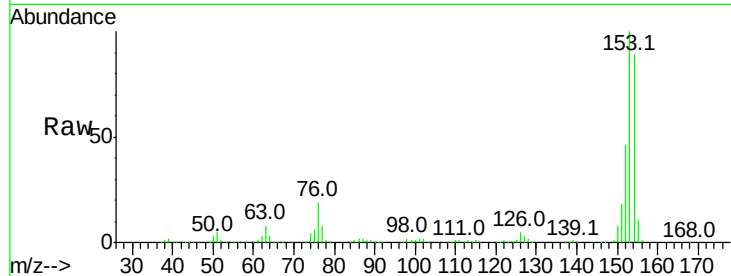
Tot Ion:154 Resp: 868616

Ion Ratio Lower Upper

154 100

153 111.7 91.0 136.6

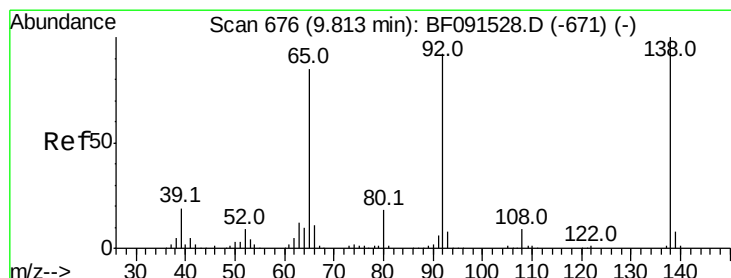
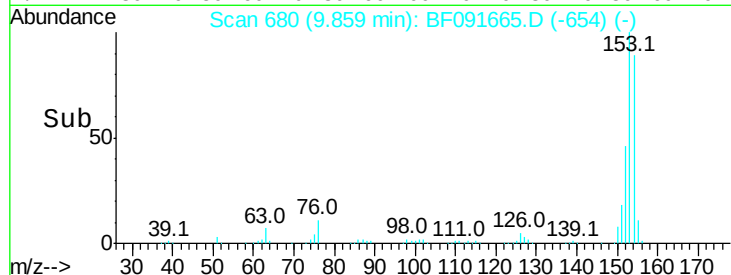
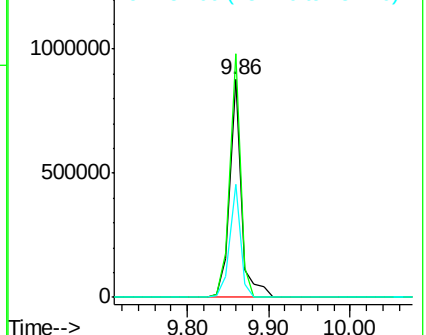
152 51.9 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.08 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

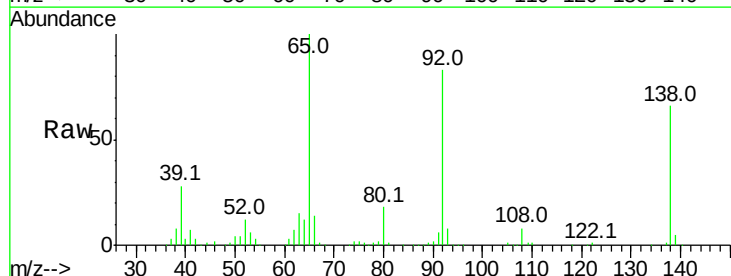
Tgt Ion:138 Resp: 159765

Ion Ratio Lower Upper

138 100

108 11.4 8.1 12.1

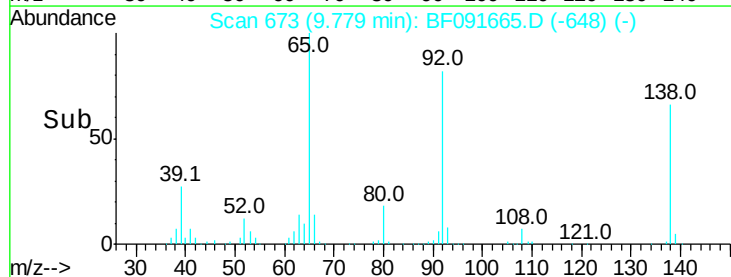
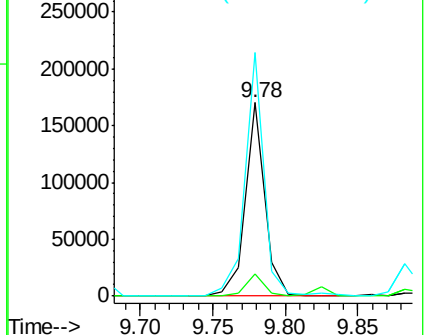
92 126.0 92.5 138.7

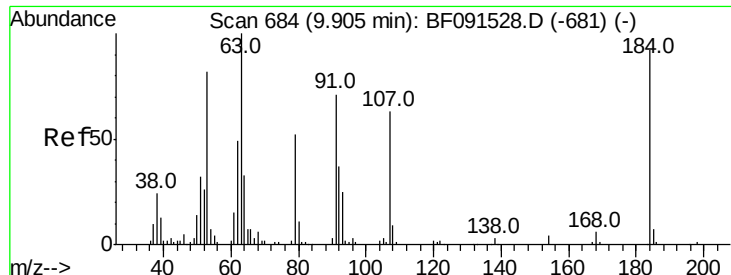


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

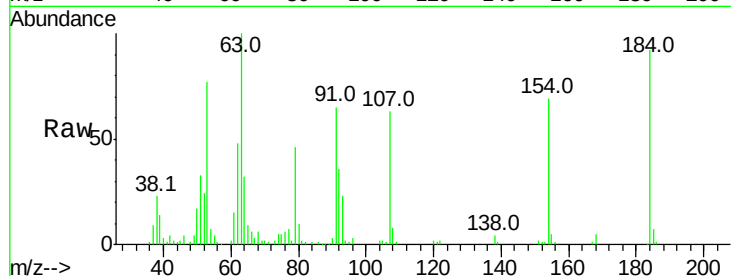




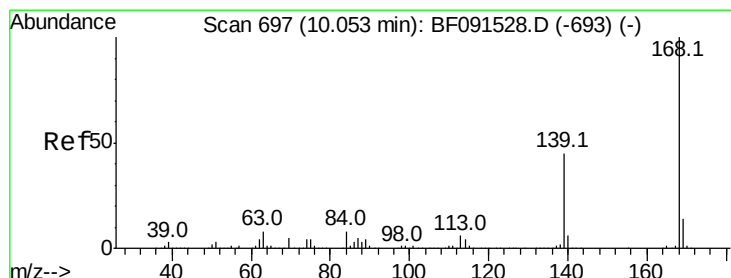
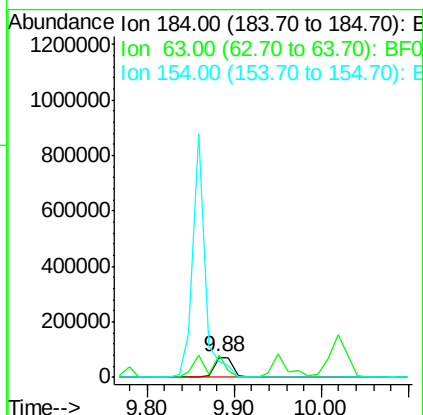
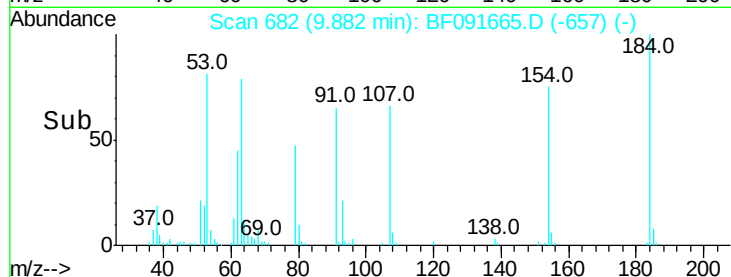
#53
2,4-Dinitrophenol
Concen: 48.19 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 112052
Ion Ratio Lower Upper
184 100
63 109.0 58.3 87.5#
154 75.3 48.6 73.0#

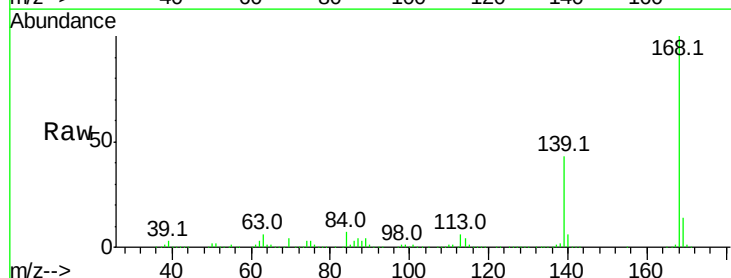


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

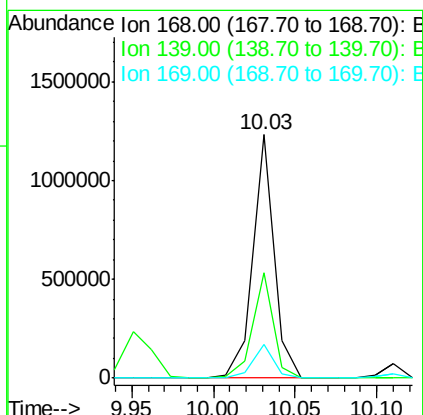
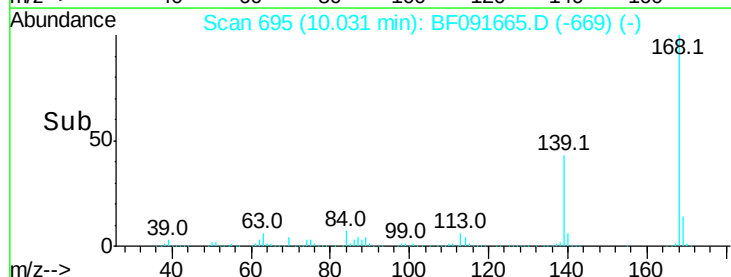


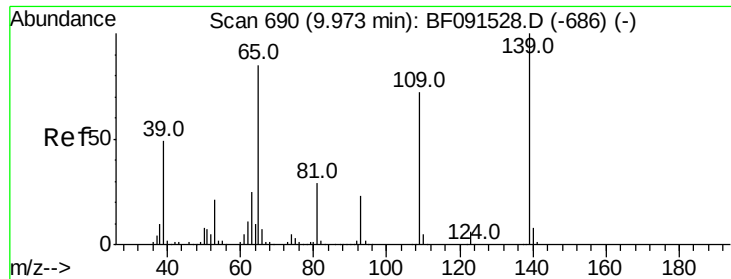
#54
Dibenzofuran
Concen: 43.64 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion:168 Resp: 1117442
Ion Ratio Lower Upper
168 100
139 43.2 33.4 50.2
169 14.0 11.1 16.7



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





#55

4-Nitrophenol

Concen: 70.23 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

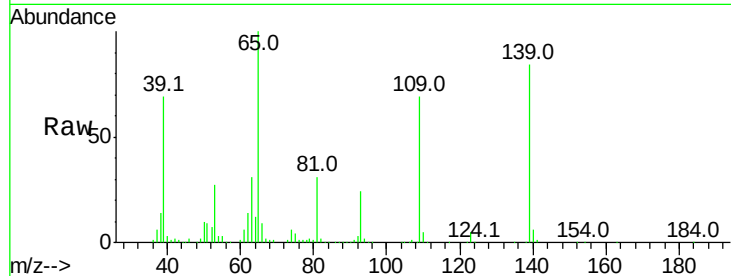
Tot Ion:139 Resp: 297269

Ion Ratio Lower Upper

139 100

109 82.1 54.9 94.9

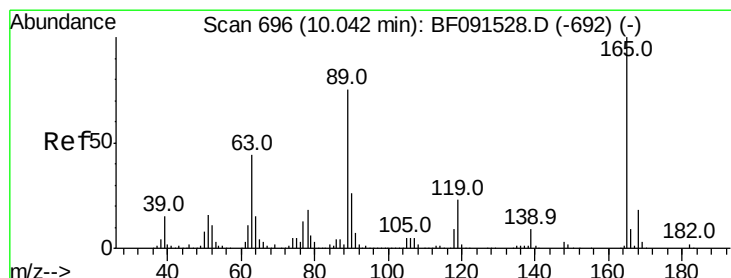
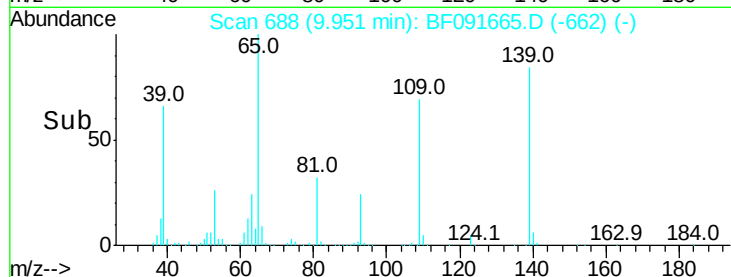
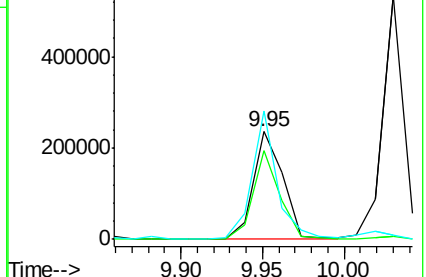
65 119.3 102.2 142.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.68 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:165 Resp: 307655

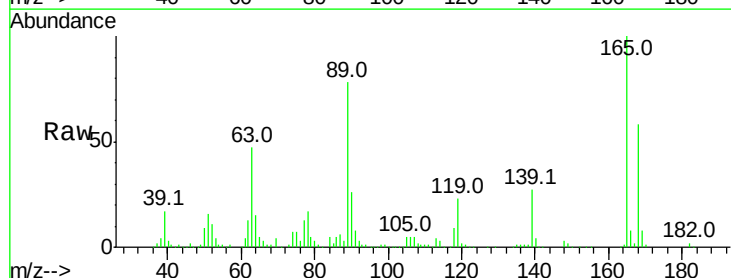
Ion Ratio Lower Upper

165 100

63 47.0 29.0 43.4#

89 77.7 43.1 64.7#

182 2.1 1.9 2.9

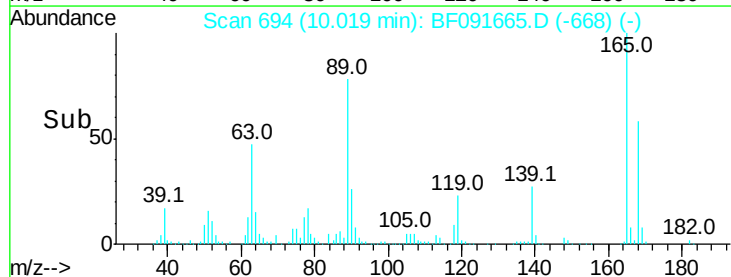
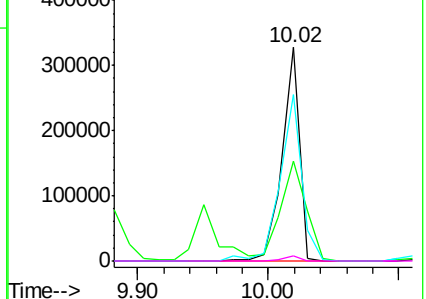


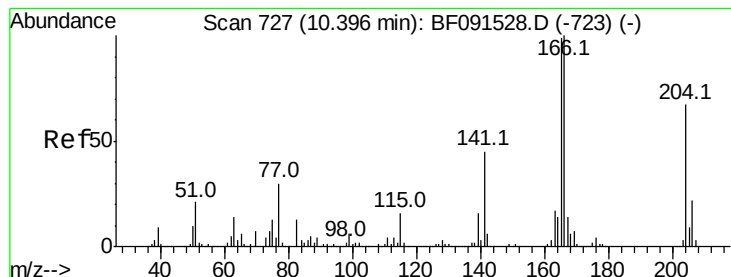
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.07 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

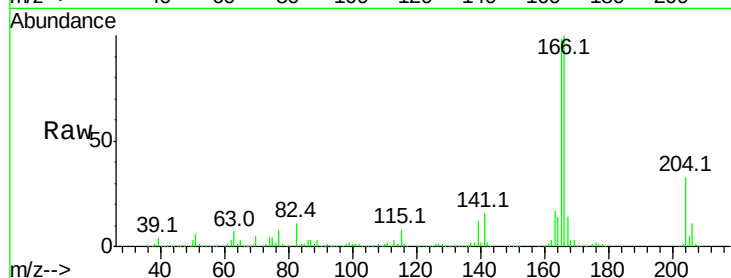
Tot Ion:166 Resp: 873369

Ion Ratio Lower Upper

166 100

165 97.9 80.0 120.0

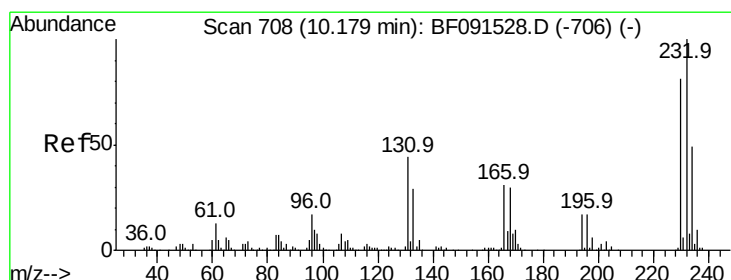
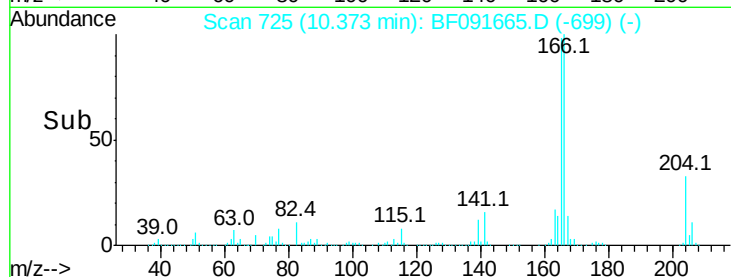
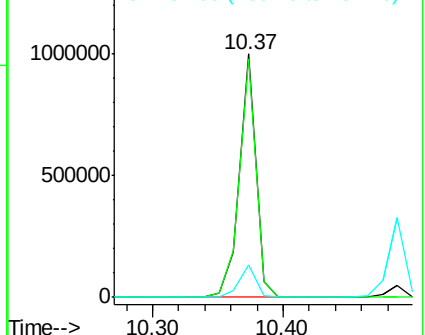
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.19 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:232 Resp: 228227

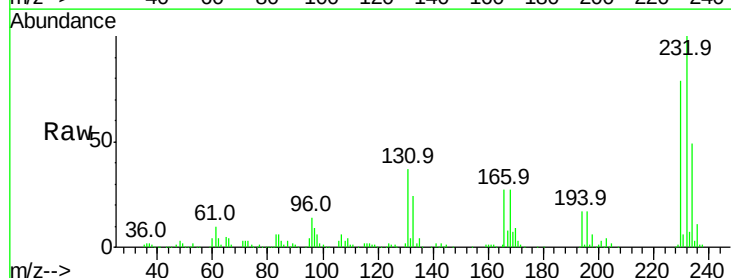
Ion Ratio Lower Upper

232 100

131 49.0 38.4 57.6

130 2.5 1.8 2.8

166 31.3 23.9 35.9

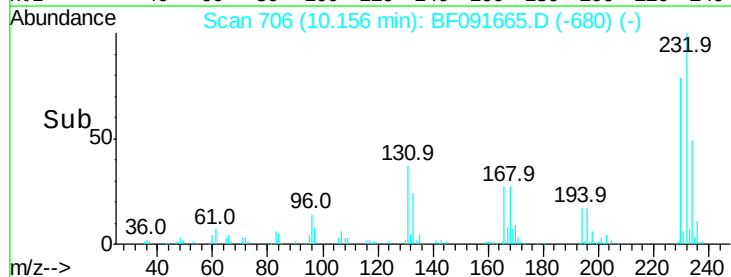
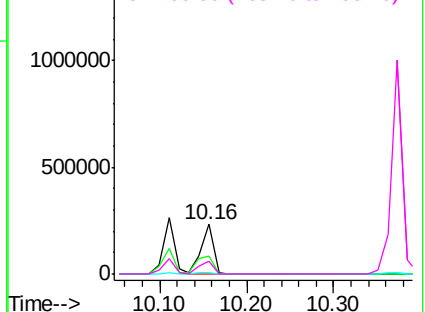


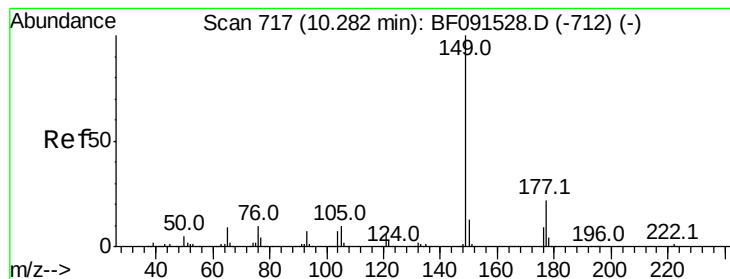
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.31 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

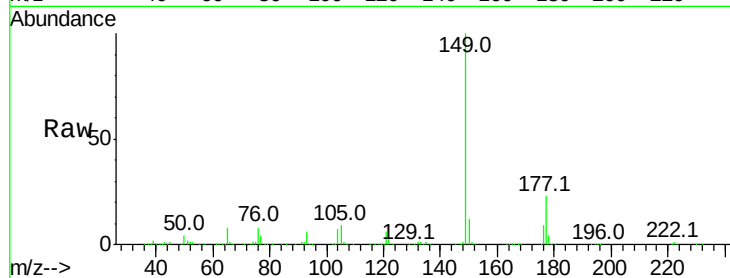
Tot Ion:149 Resp: 1090326

Ion Ratio Lower Upper

149 100

177 23.3 15.7 23.5

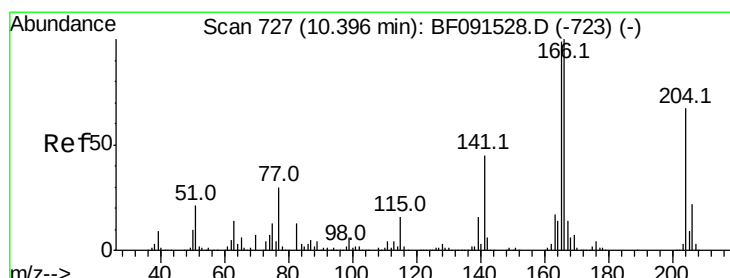
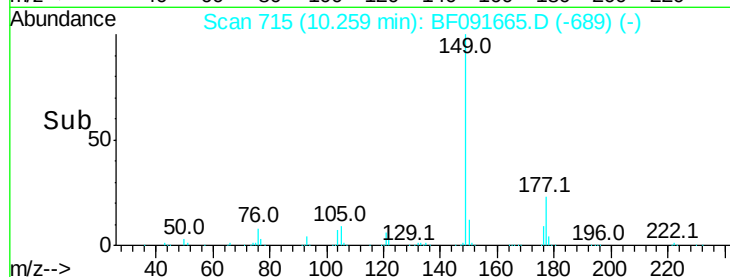
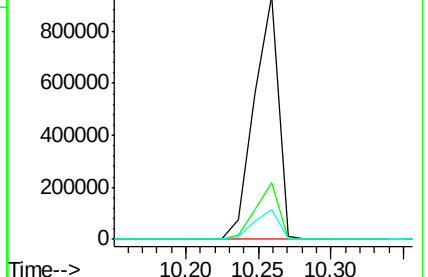
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.96 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

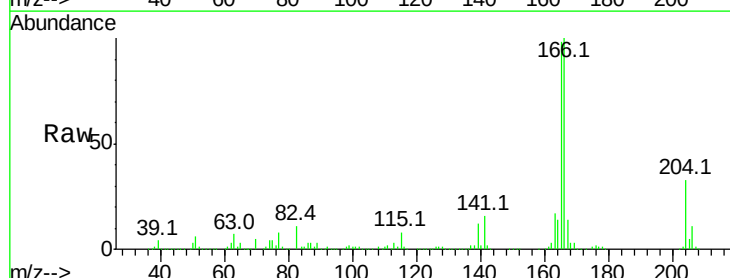
Tgt Ion:204 Resp: 404756

Ion Ratio Lower Upper

204 100

206 33.0 26.1 39.1

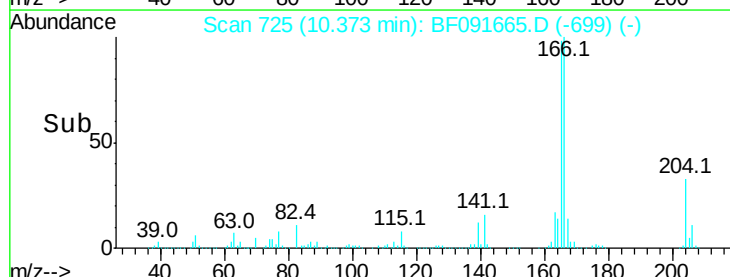
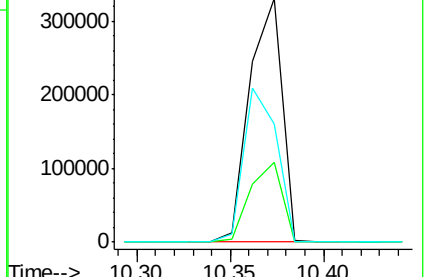
141 48.4 40.6 61.0

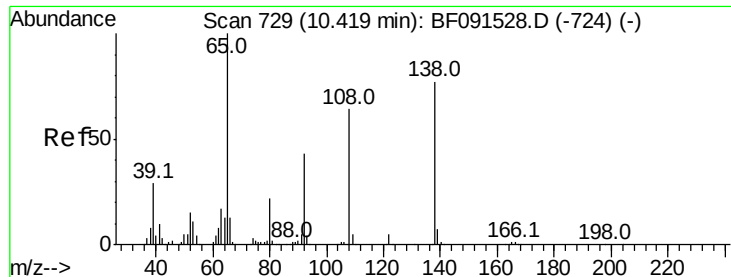


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

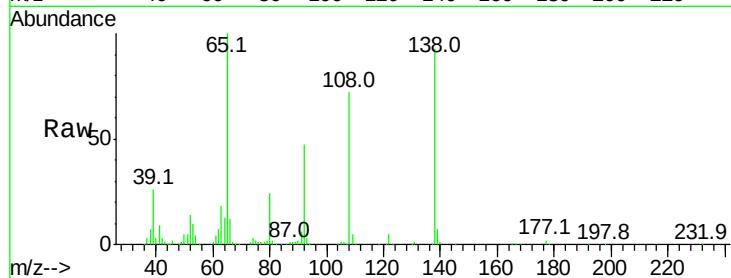




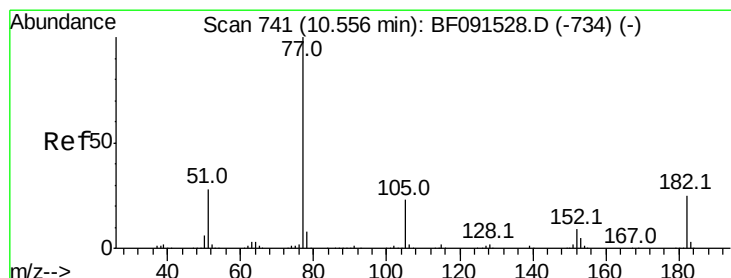
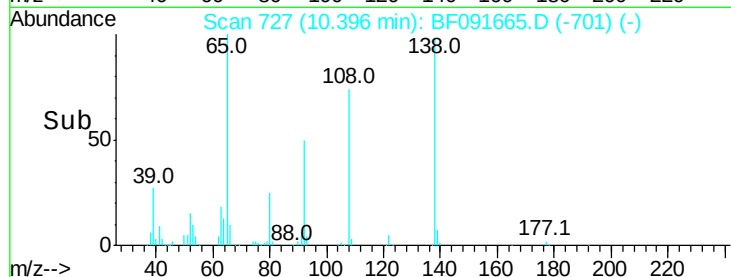
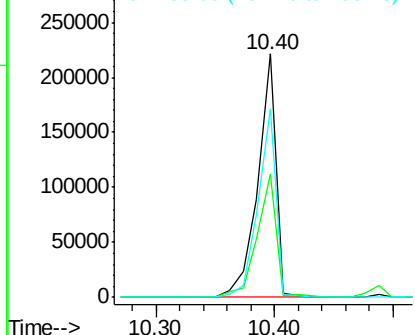
#61
4-Nitroaniline
Concen: 42.14 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 238242
Ion Ratio Lower Upper
138 100
92 50.7 26.9 66.9
108 77.3 49.1 89.1

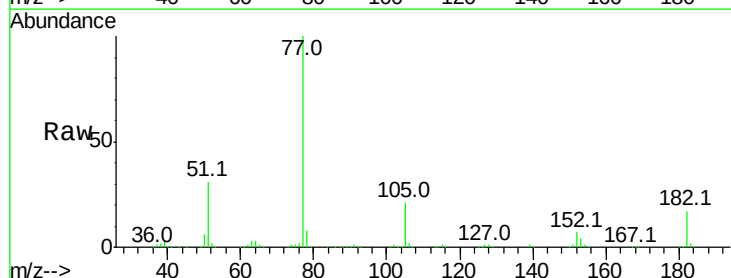


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

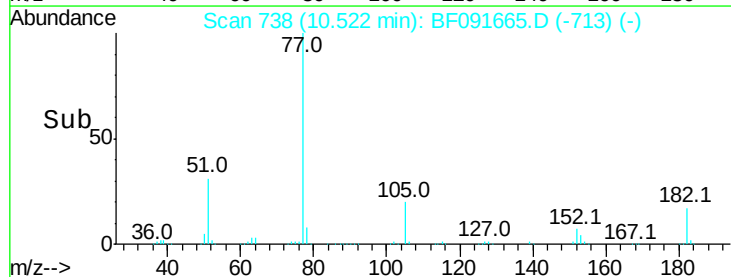
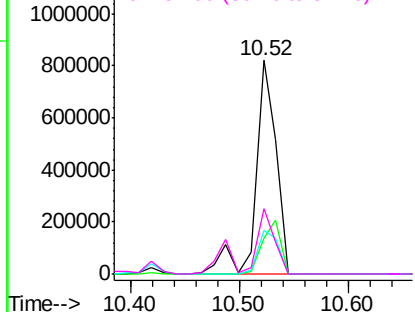


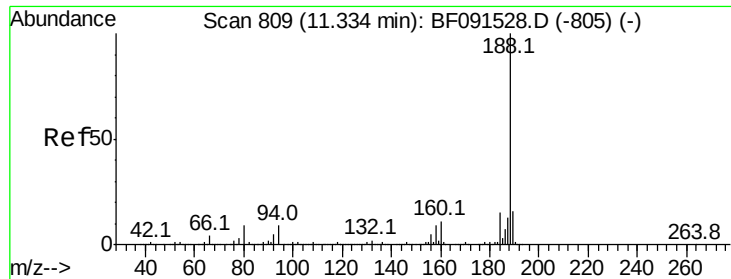
#62
Azobenzene
Concen: 44.91 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion: 77 Resp: 1081493
Ion Ratio Lower Upper
77 100
182 16.8 12.5 52.5
105 20.7 3.7 43.7
51 30.7 11.9 51.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

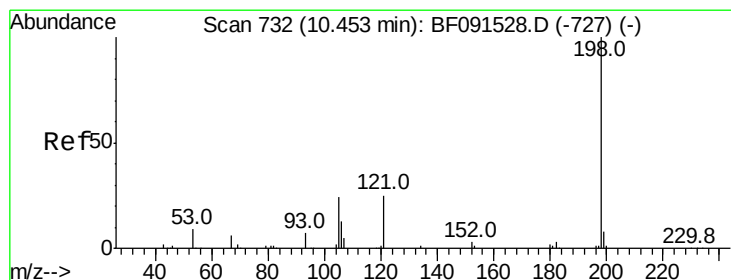
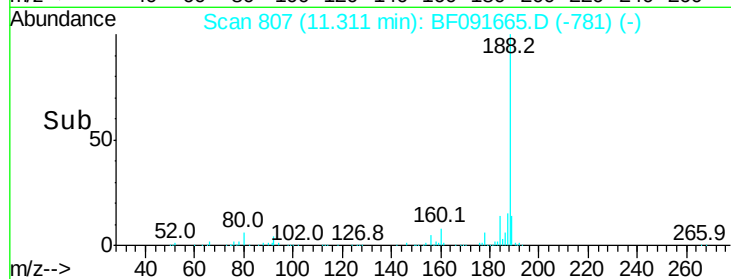
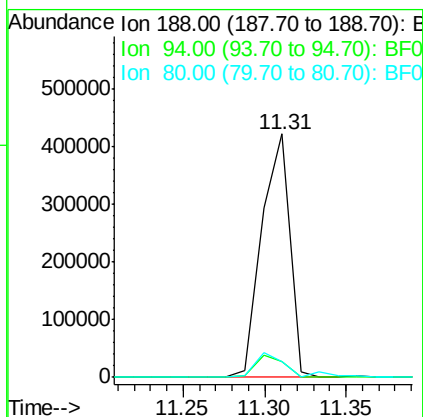
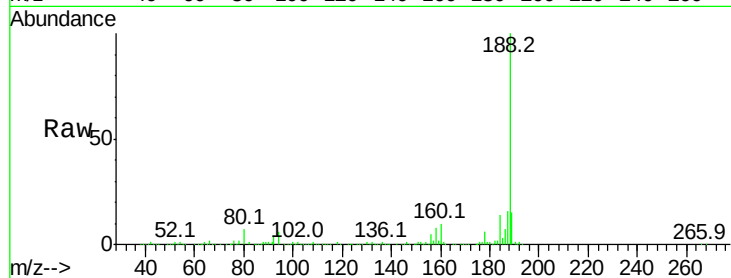




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

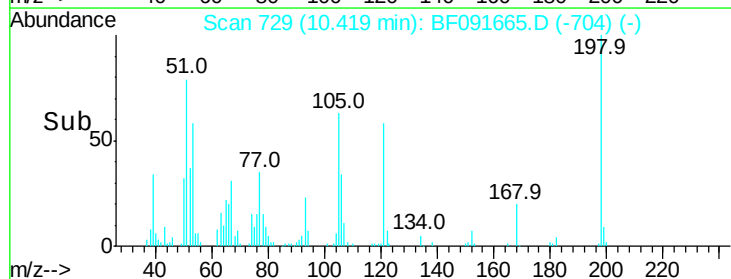
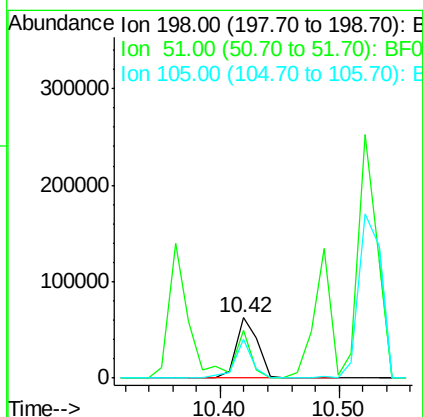
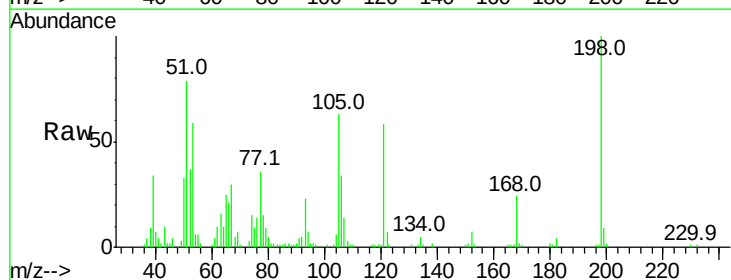
Instrument :
BNA_F
ClientSampleId :

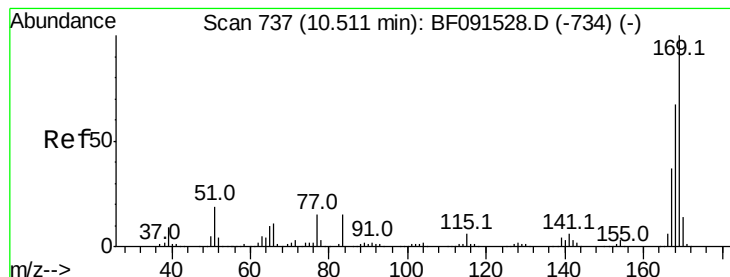
Tot Ion:188 Resp: 505941
Ion Ratio Lower Upper
188 100
94 6.3 9.2 13.8#
80 6.7 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 26.91 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion:198 Resp: 78442
Ion Ratio Lower Upper
198 100
51 79.5 77.1 117.1
105 63.4 44.8 84.8

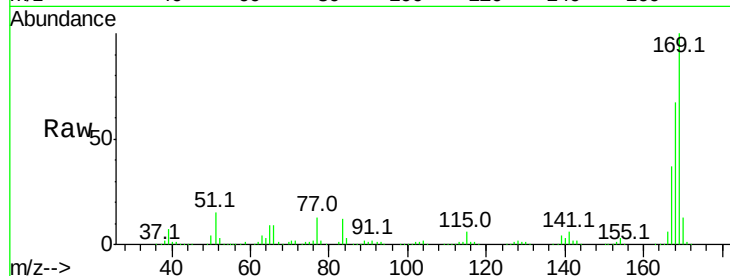




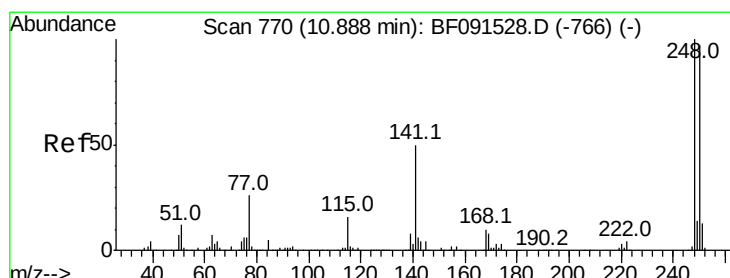
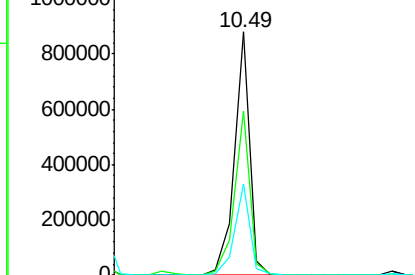
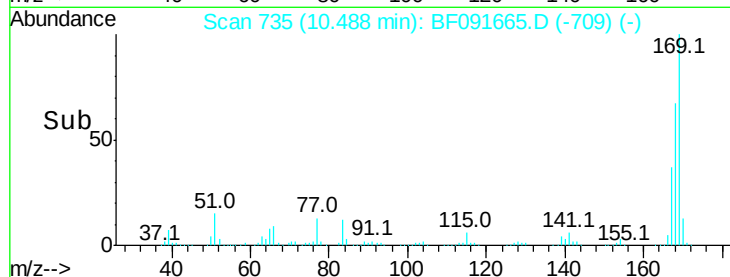
#65
 n-Nitrosodiphenylamine
 Concen: 52.10 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.8	80.8
167	37.3	29.8	44.8

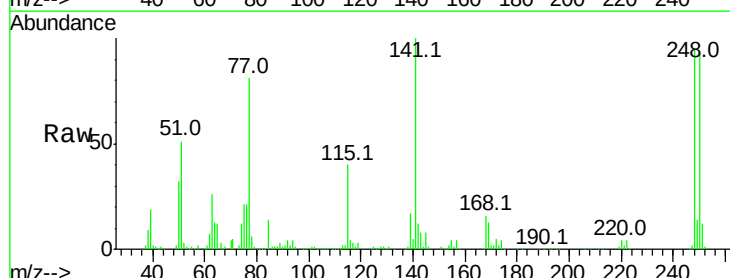


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

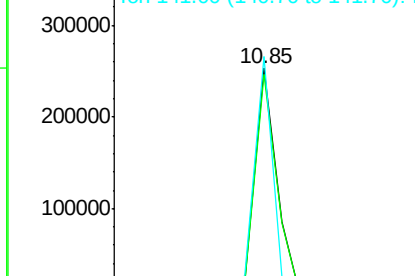
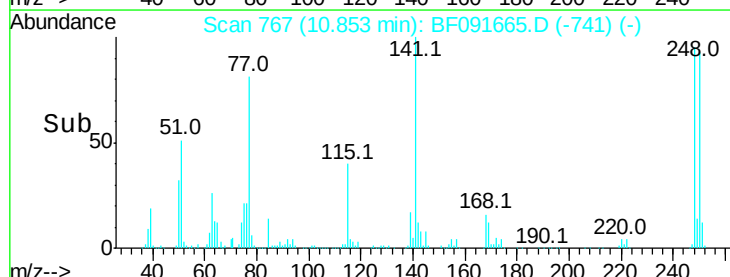


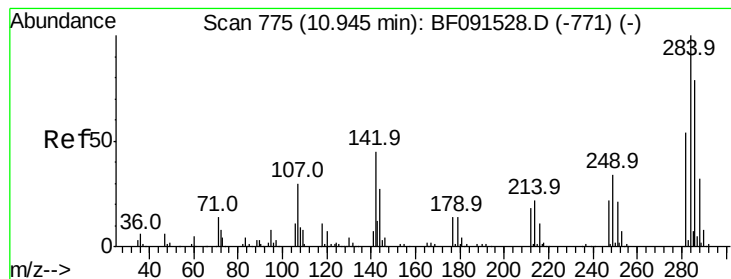
#66
 4-Bromophenyl-phenylether
 Concen: 47.63 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.2	117.4
141	105.1	71.9	107.9



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





#67

Hexachlorobenzene

Concen: 49.48 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

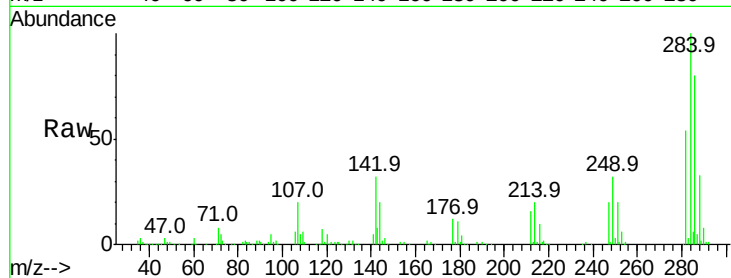
Tot Ion:284 Resp: 266877

Ion Ratio Lower Upper

284 100

142 32.2 17.9 26.9#

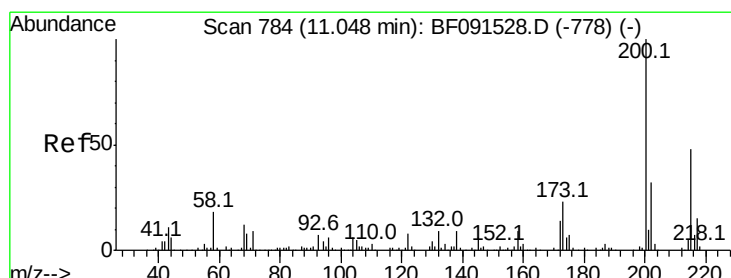
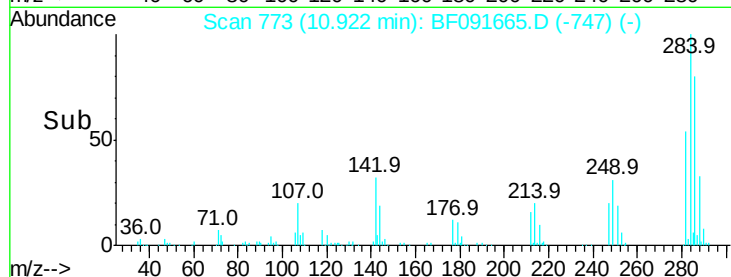
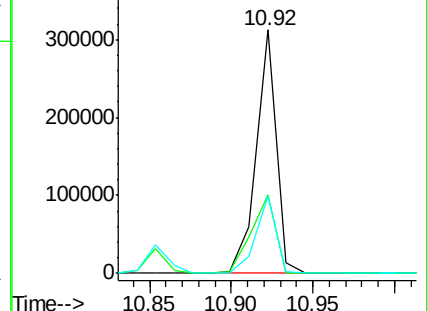
249 31.8 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.44 ng

RT: 11.01 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

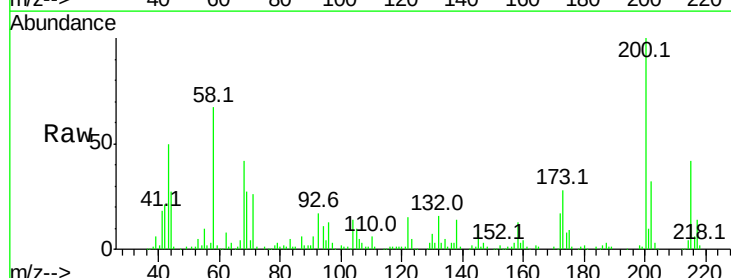
Tgt Ion:200 Resp: 167056

Ion Ratio Lower Upper

200 100

173 28.2 7.8 47.8

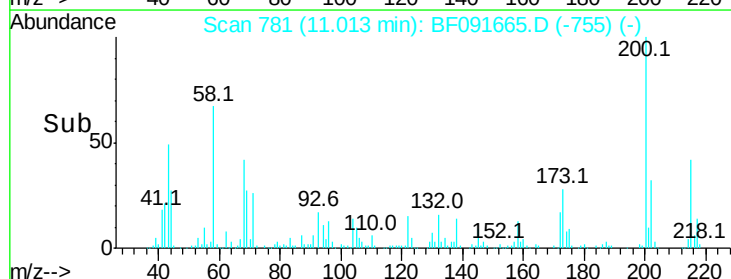
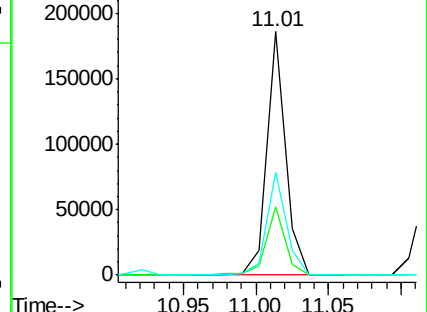
215 42.0 24.3 64.3

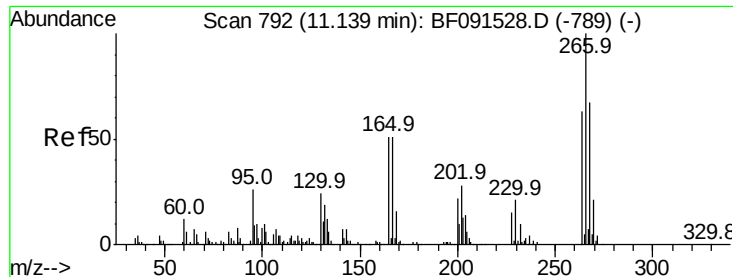


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

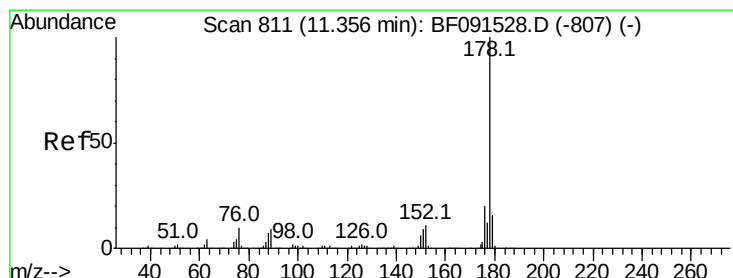
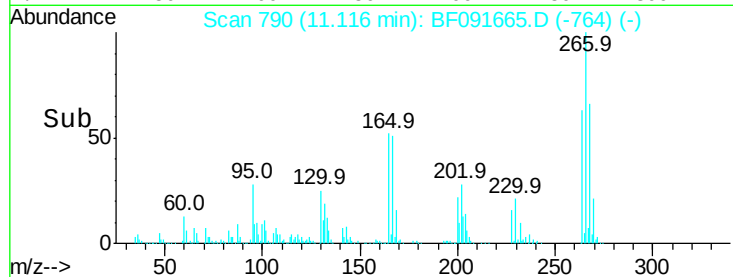
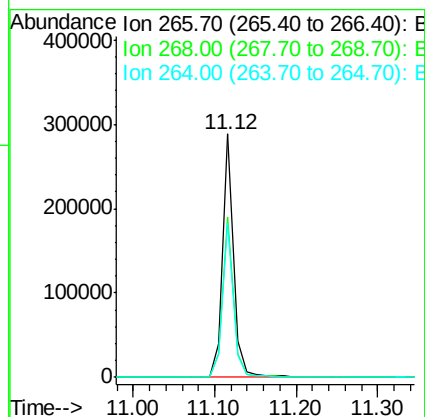
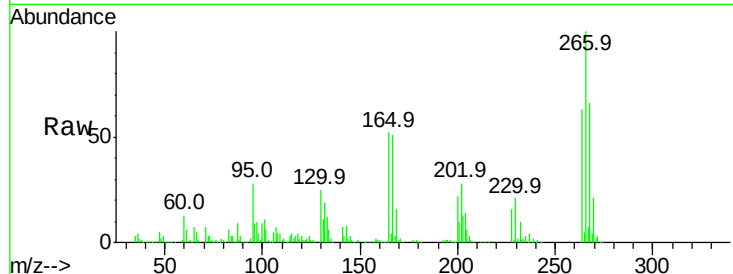




#69
 Pentachlorophenol
 Concen: 88.95 ng
 RT: 11.12 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

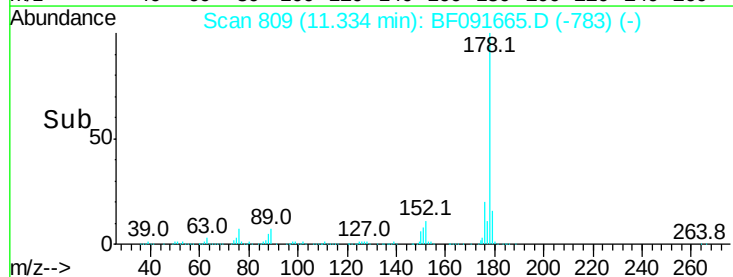
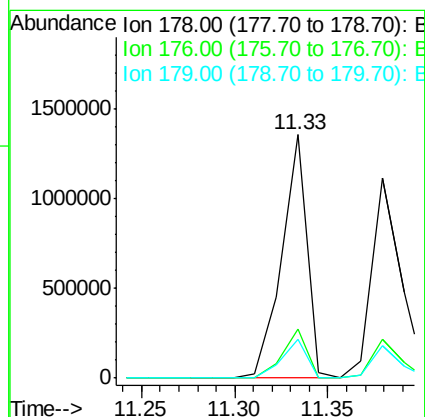
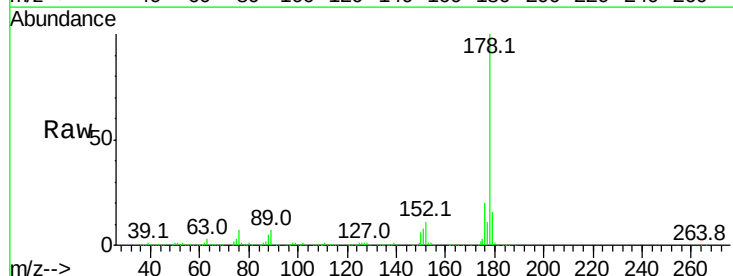
Instrument :
 BNA_F
 ClientSampleId :

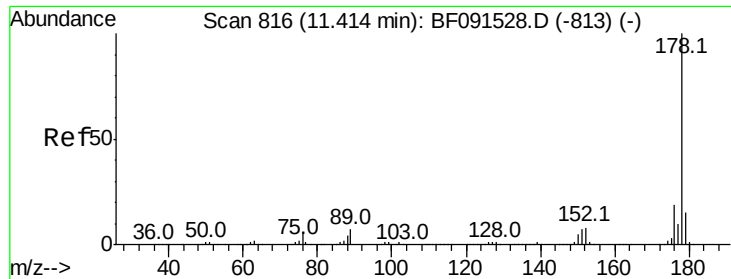
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.3	75.5
264	63.2	48.2	72.2



#70
 Phenanthrene
 Concen: 50.94 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	15.8	12.6	18.8

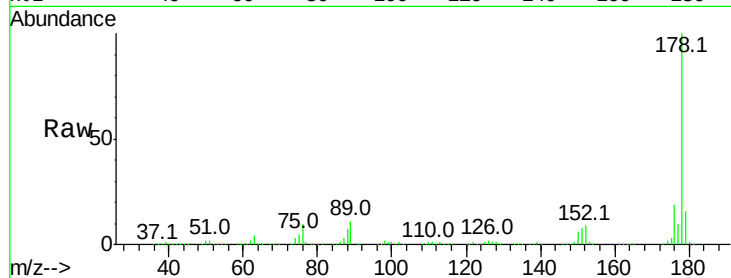




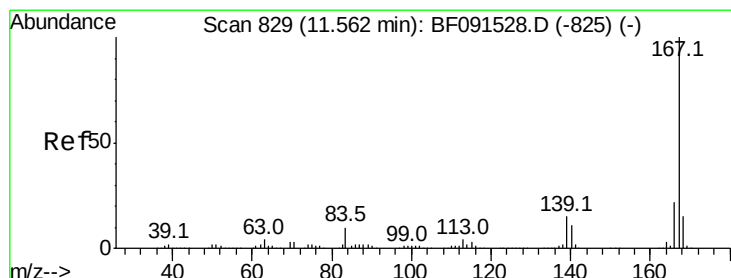
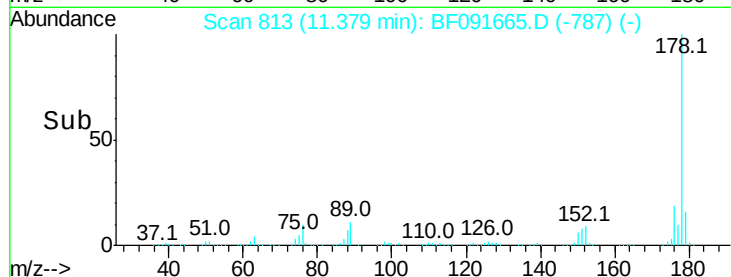
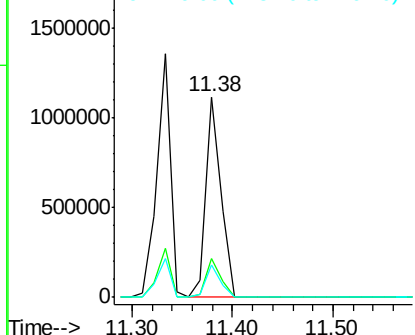
#71
 Anthracene
 Concen: 43.28 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1169573
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.1 12.7 19.1

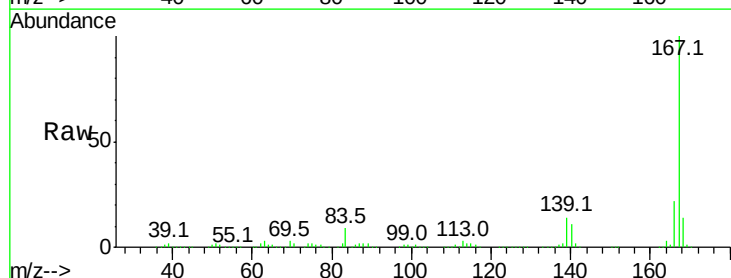


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

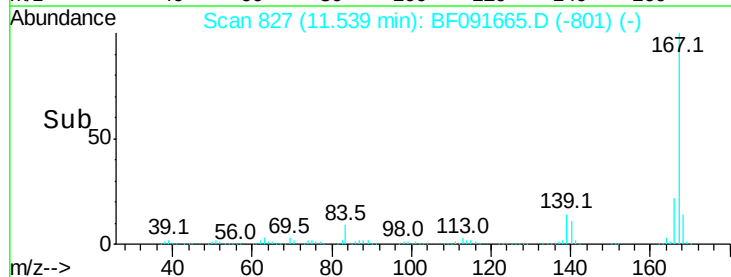
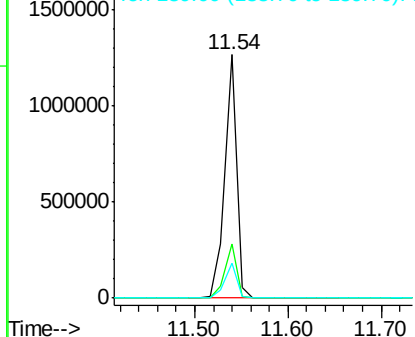


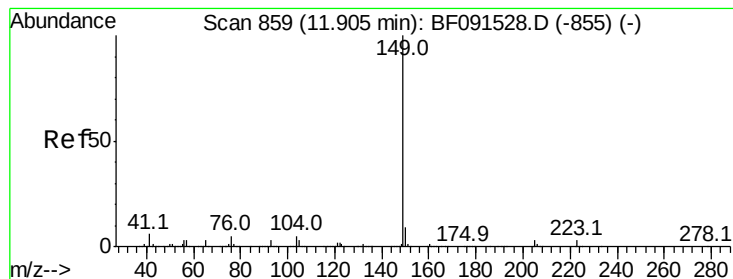
#72
 Carbazole
 Concen: 46.96 ng
 RT: 11.54 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion:167 Resp: 1112430
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 14.3 11.5 17.3



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





#73

Di-n-butylphthalate

Concen: 51.62 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

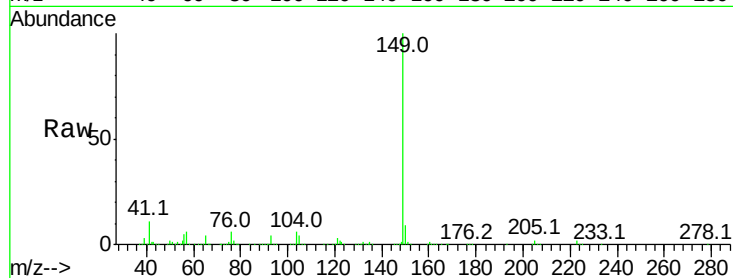
Tot Ion:149 Resp: 1424559

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

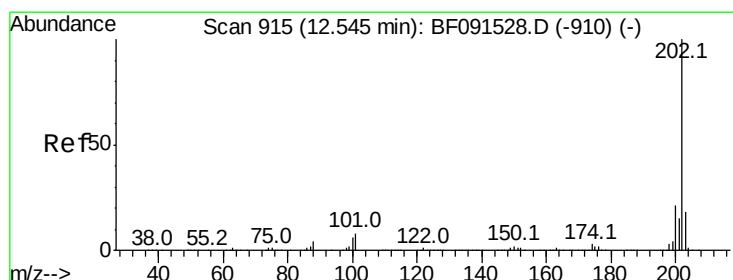
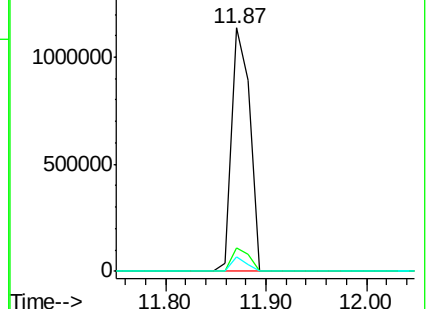
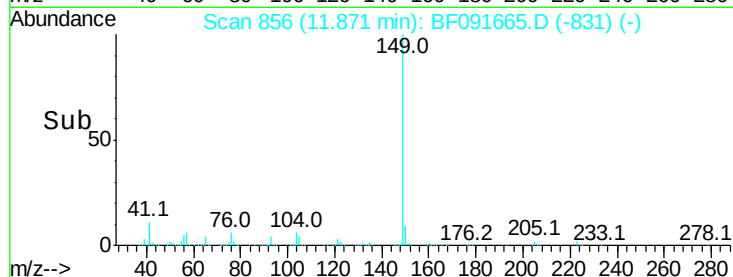
104 6.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.09 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

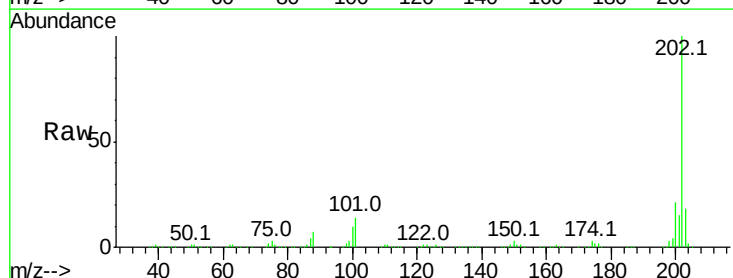
Tgt Ion:202 Resp: 1156711

Ion Ratio Lower Upper

202 100

101 13.6 0.0 29.5

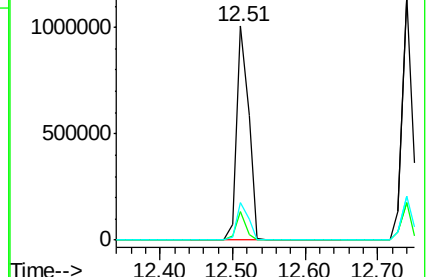
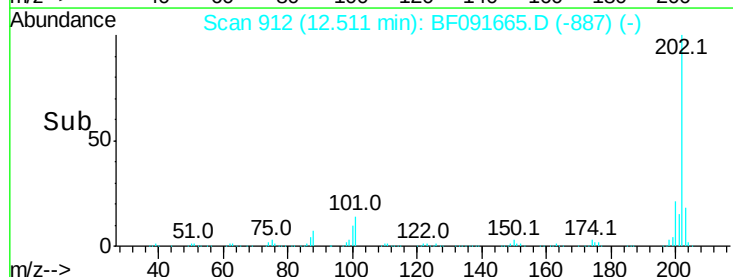
203 17.8 0.0 37.8

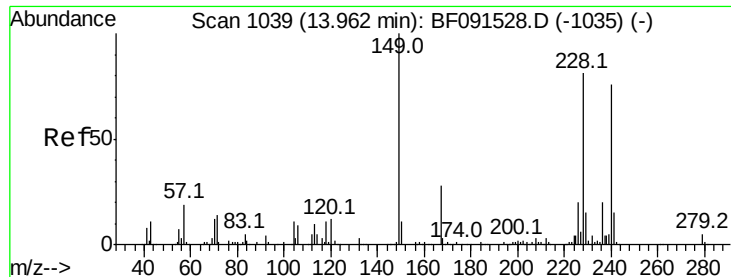


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

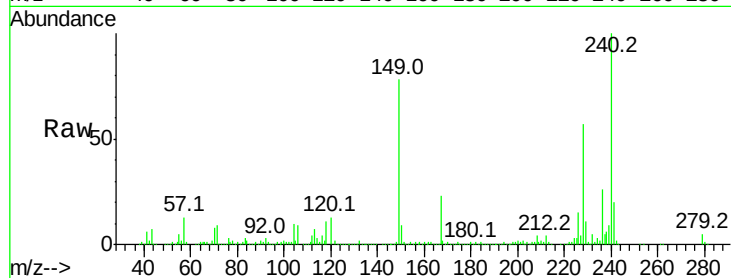
Tot Ion:240 Resp: 401758

Ion Ratio Lower Upper

240 100

120 12.6 12.1 18.1

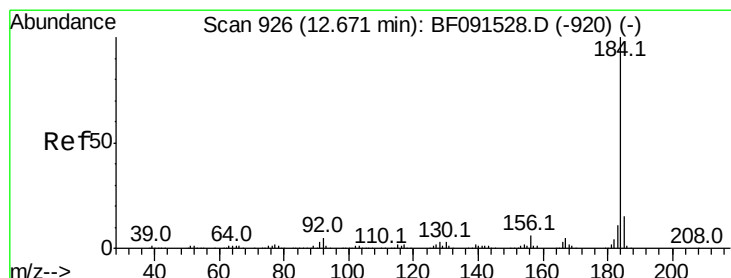
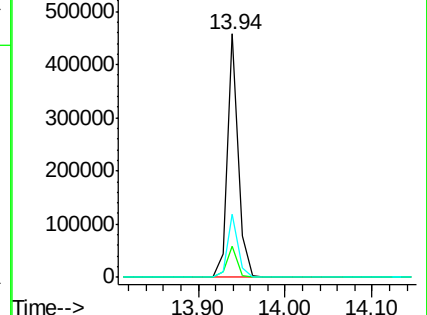
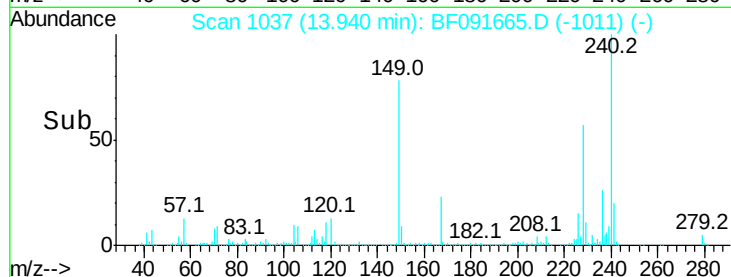
236 26.1 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.81 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

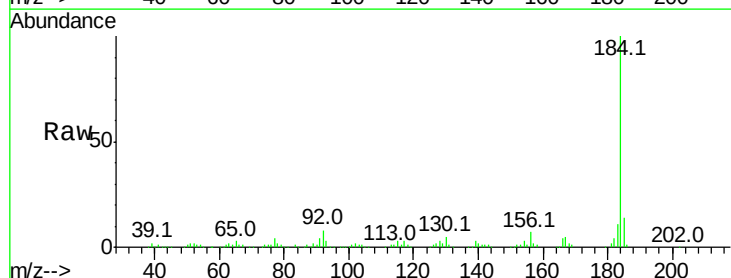
Tgt Ion:184 Resp: 233657

Ion Ratio Lower Upper

184 100

185 14.1 13.1 19.7

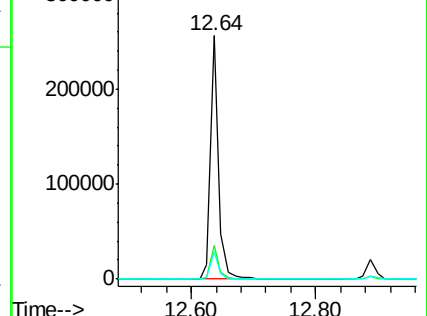
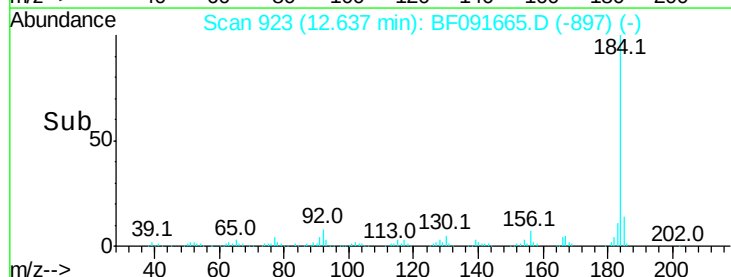
183 11.0 8.9 13.3

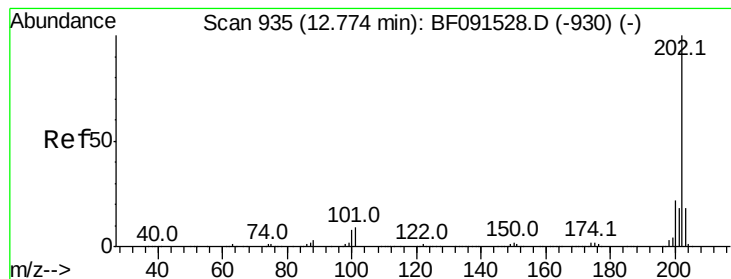


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.70 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampled :

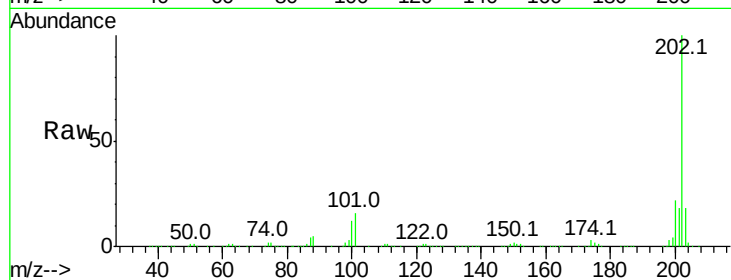
Tot Ion:202 Resp: 1137761

Ion Ratio Lower Upper

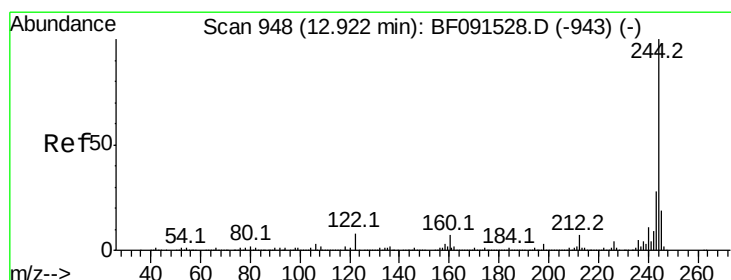
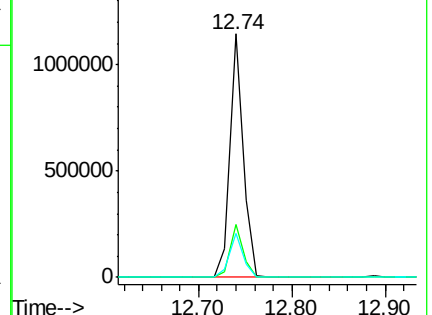
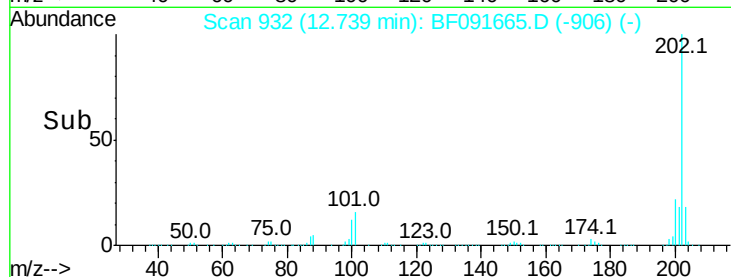
202 100

200 21.8 17.6 26.4

203 18.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.82 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

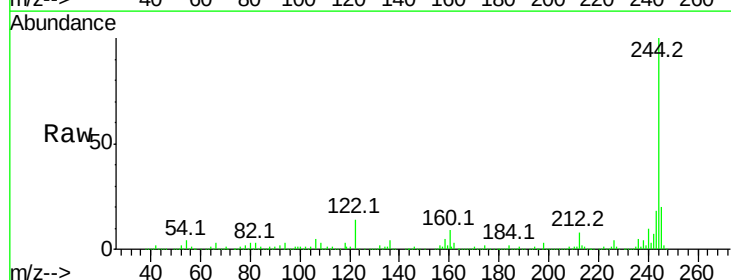
Tgt Ion:244 Resp: 1431001

Ion Ratio Lower Upper

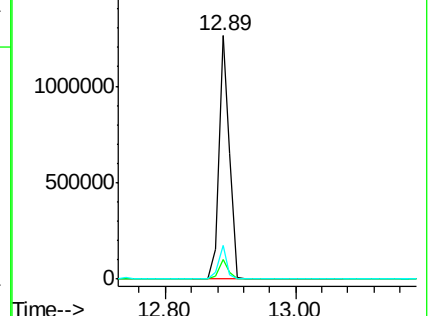
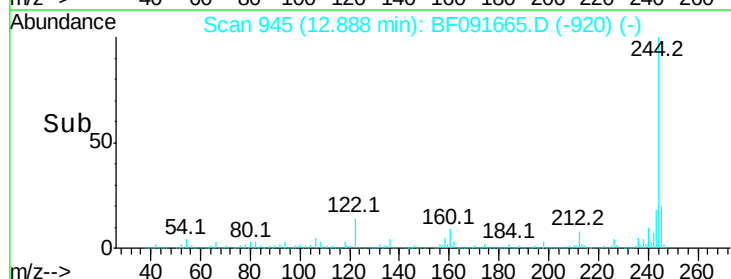
244 100

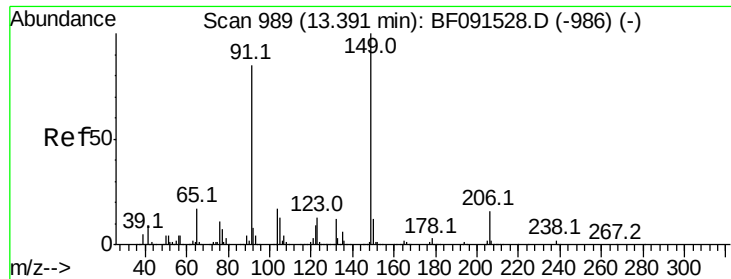
212 7.8 6.5 9.7

122 14.0 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

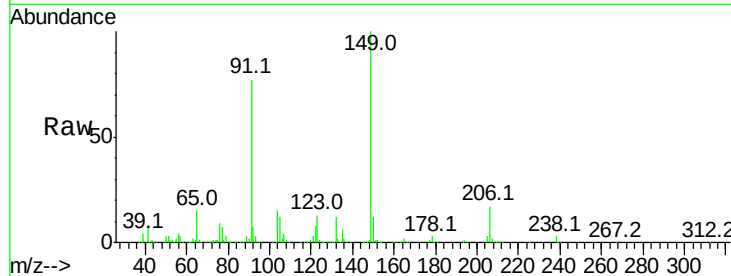




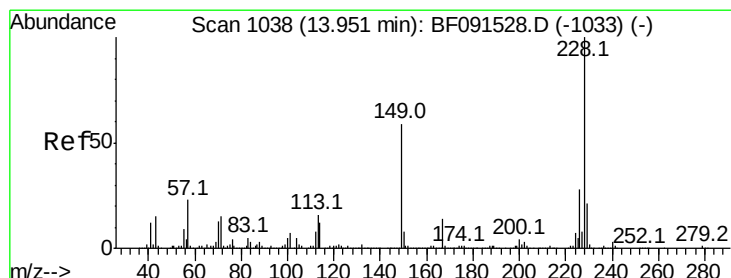
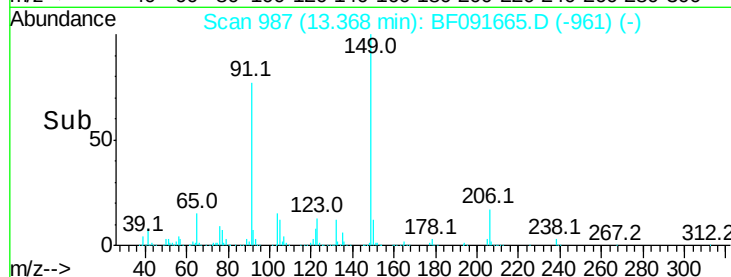
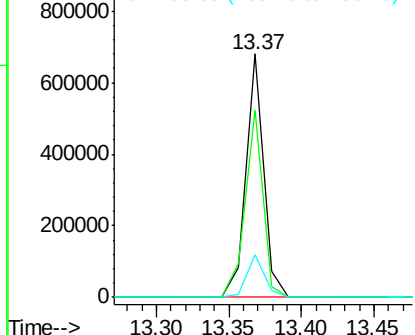
#79
 Butylbenzylphthalate
 Concen: 46.40 ng
 RT: 13.37 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 576492
 Ion Ratio Lower Upper
 149 100
 91 77.1 57.4 86.2
 206 17.5 15.4 23.2

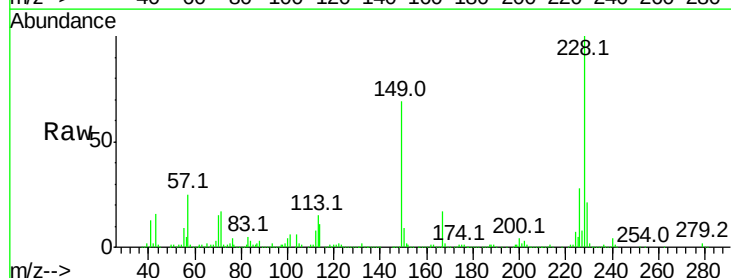


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

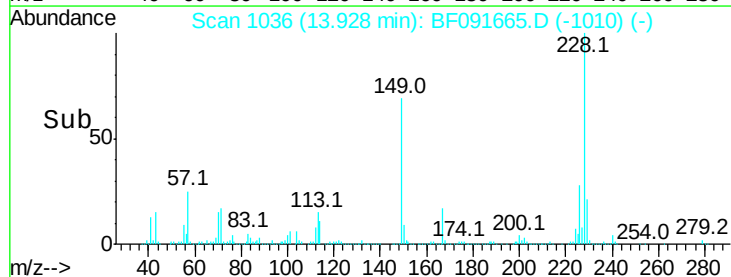
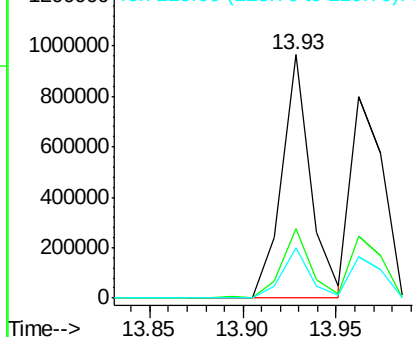


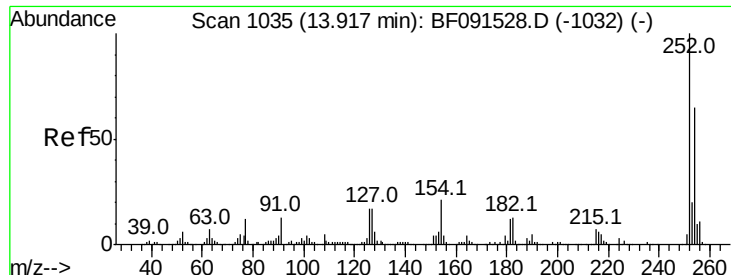
#80
 Benzo(a)anthracene
 Concen: 44.82 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion:228 Resp: 1045754
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.5 33.7
 229 20.7 16.4 24.6



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

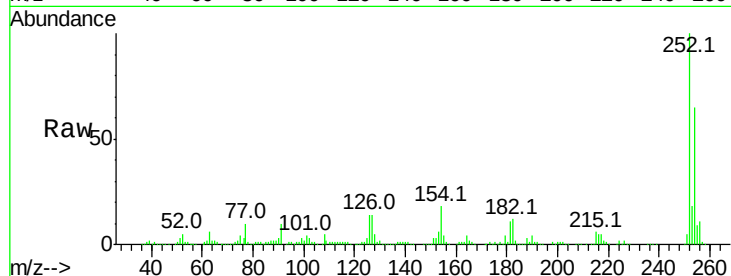




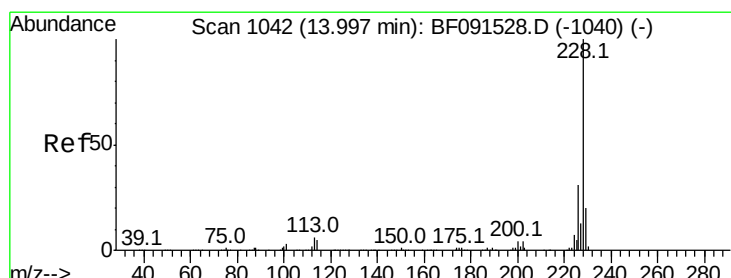
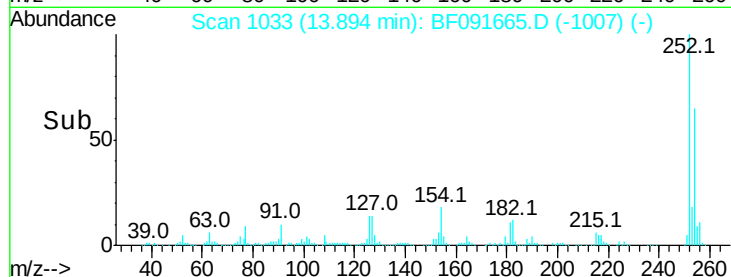
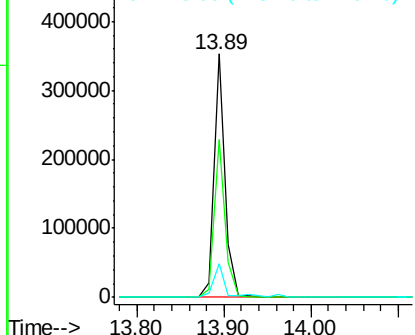
#81
 3,3'-Dichlorobenzidine
 Concen: 37.51 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 314275
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.1 78.1
 126 13.8 7.5 11.3#

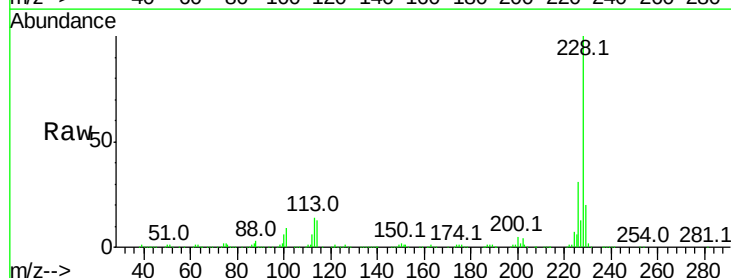


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

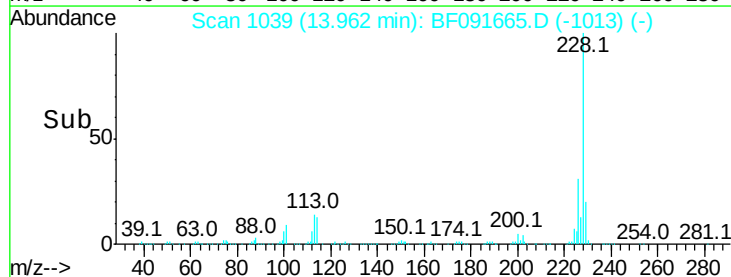
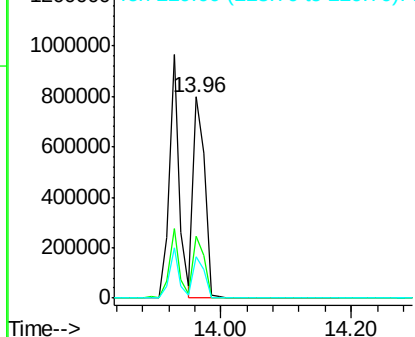


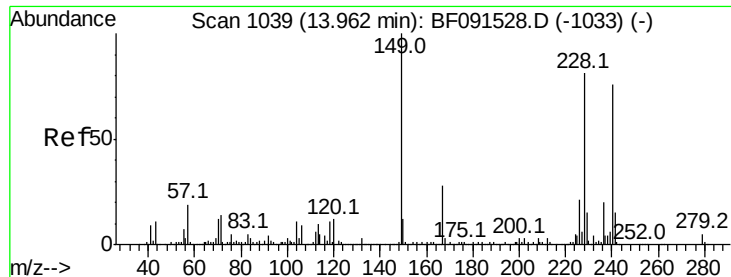
#82
 Chrysene
 Concen: 39.49 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion:228 Resp: 963978
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.4
 229 20.4 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.37 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

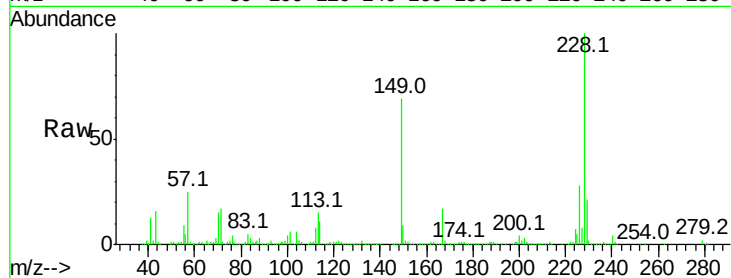
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 739210

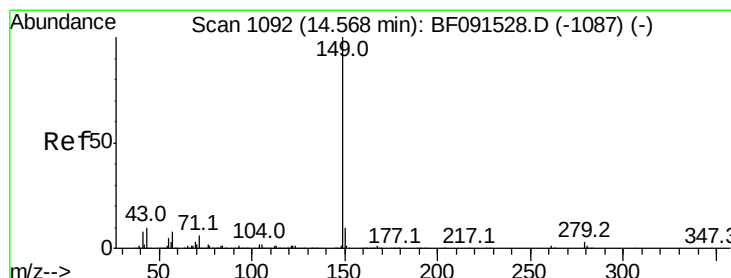
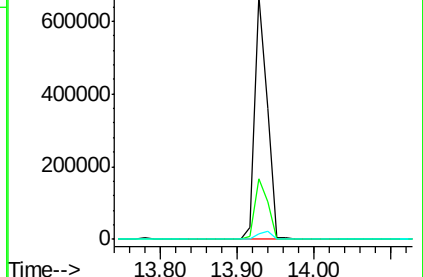
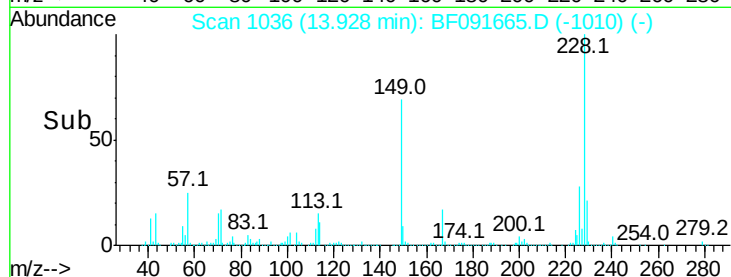
Ion	Ratio	Lower	Upper
149	100		
167	24.7	19.6	29.4
279	2.2	1.9	2.9



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: 53.12 ng

RT: 14.55 min Scan# 1090

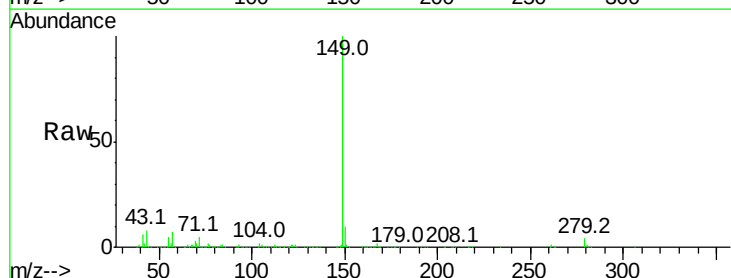
Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Tgt Ion:149 Resp: 1437178

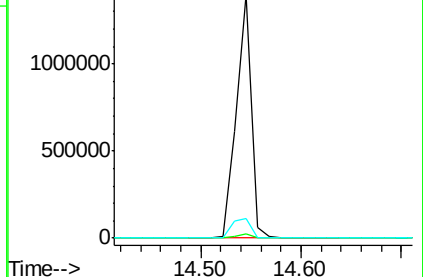
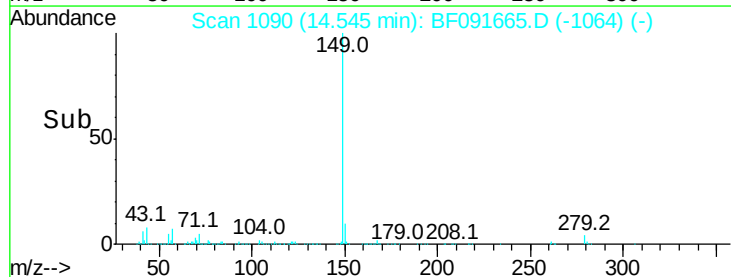
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.4	11.9	17.9#

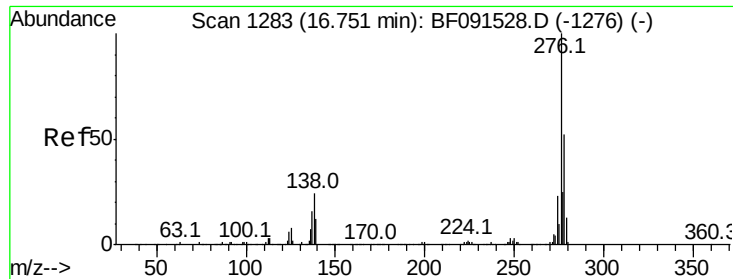


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

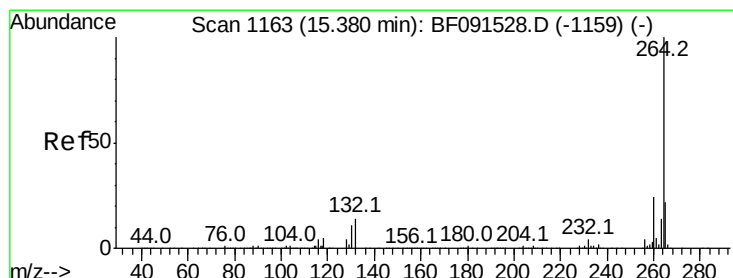
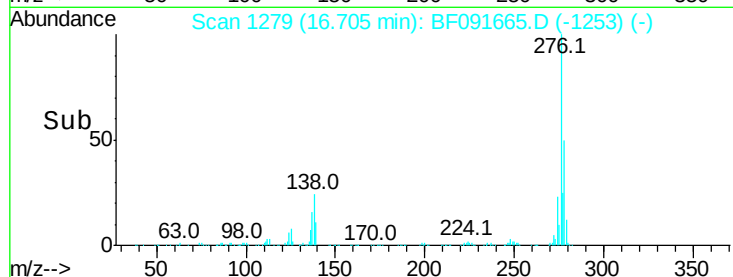
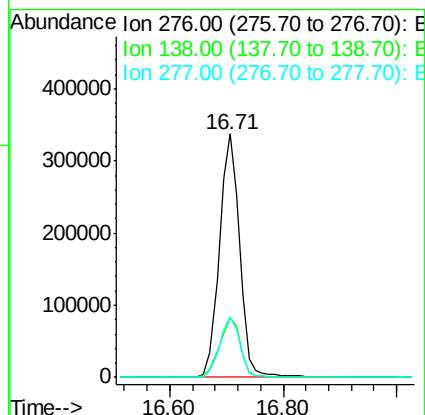
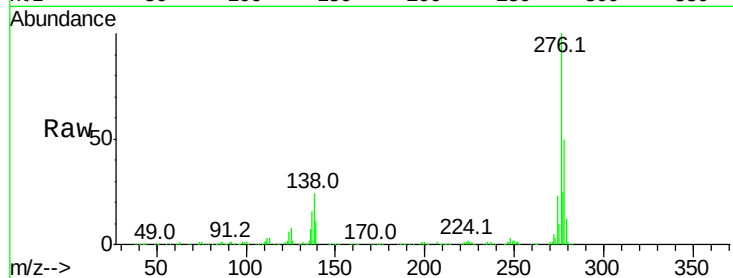




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.93 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

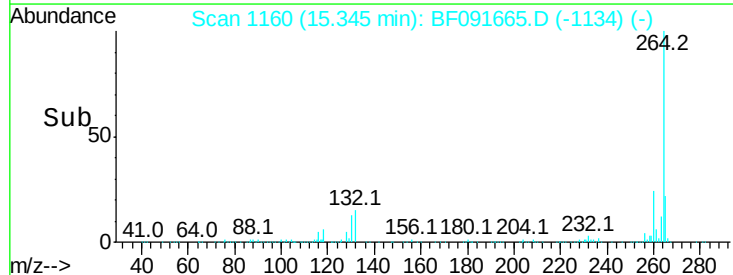
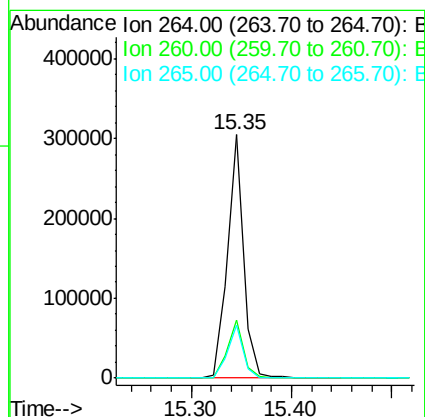
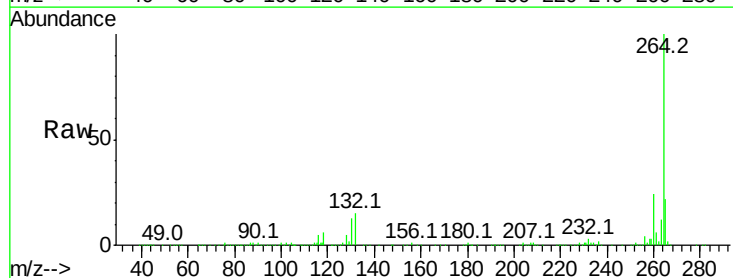
Instrument :
 BNA_F
 ClientSampleId :

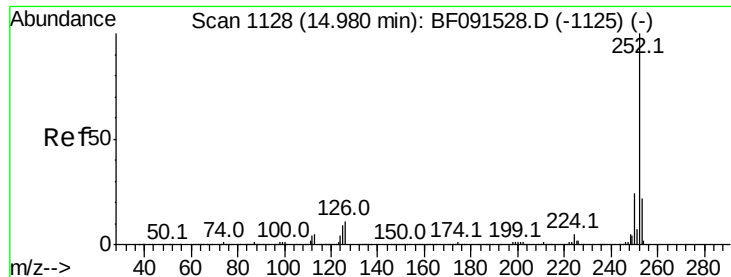
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.0	31.4
277	25.2	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF091665.D
 Acq: 16 Dec 2016 9:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.8	17.0	25.6

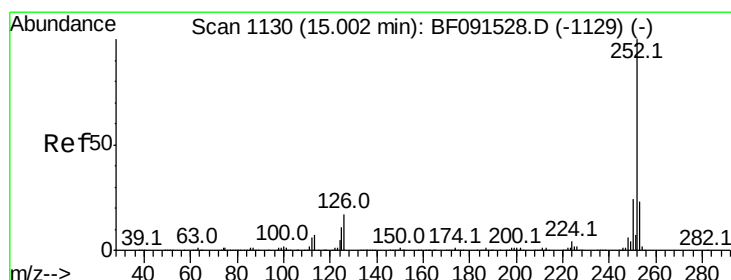
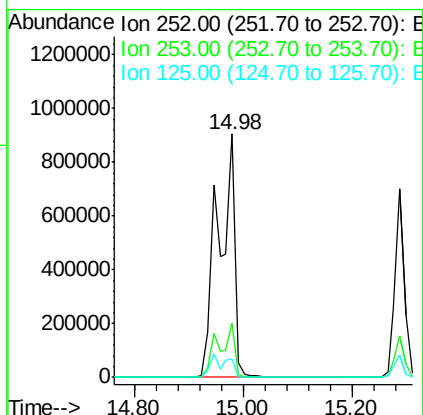
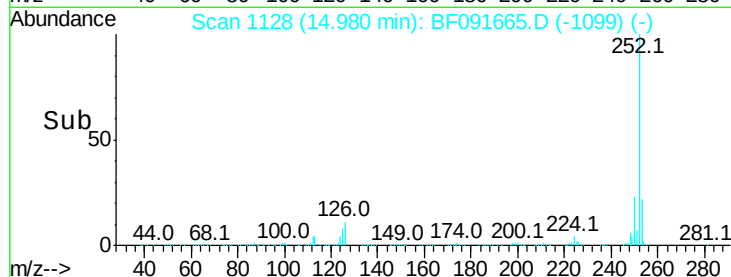
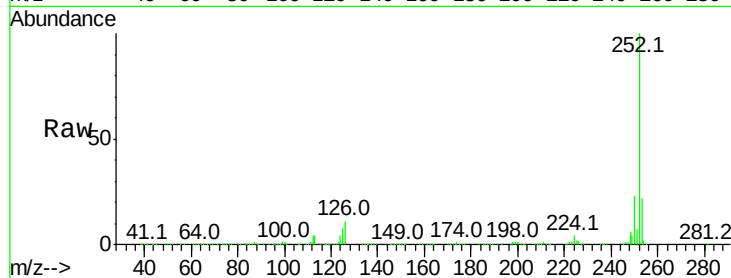




#87
Benzo(b)fluoranthene
Concen: 94.67 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.03 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

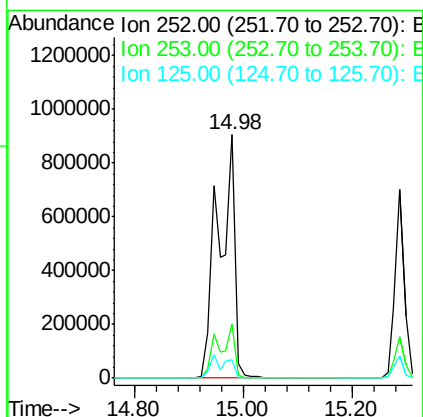
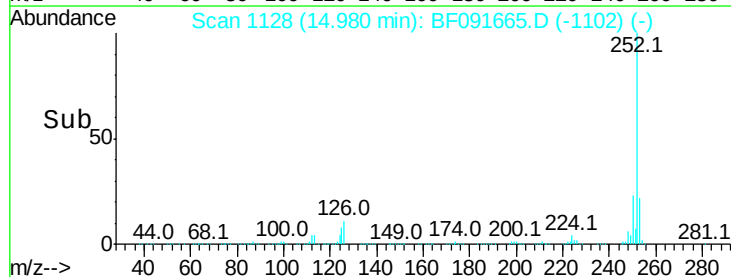
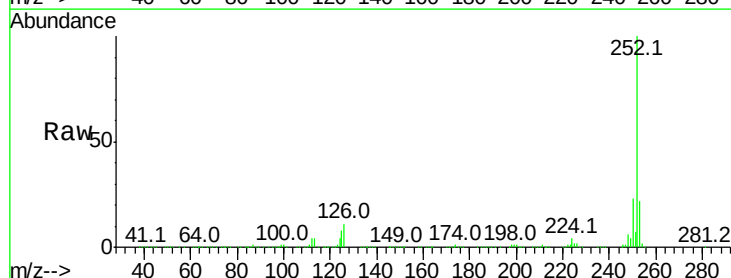
Instrument :
BNA_F
ClientSampled :

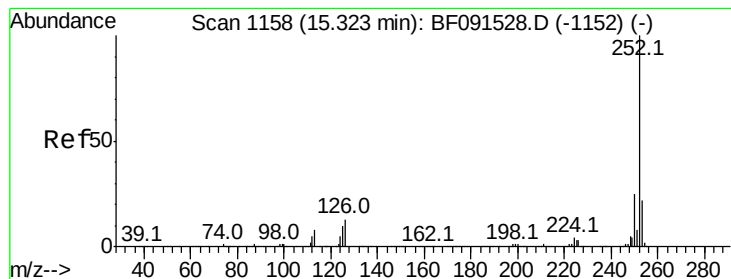
Tot Ion:252 Resp: 1918829
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 7.5 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 107.67 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF091665.D
Acq: 16 Dec 2016 9:46

Tgt Ion:252 Resp: 1918829
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 7.5 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 46.86 ng

RT: 15.29 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :

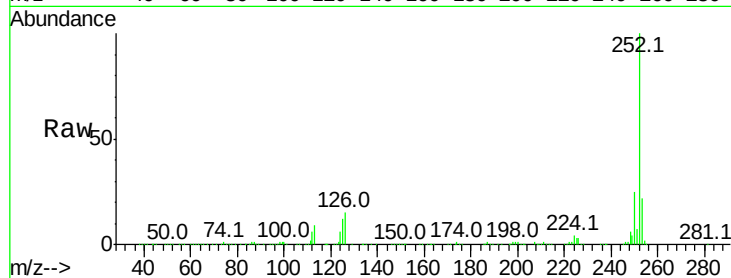
Tot Ion:252 Resp: 855660

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

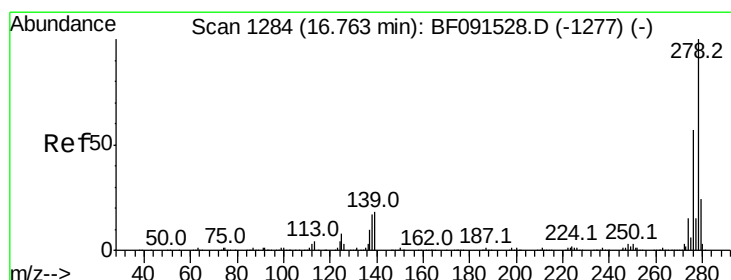
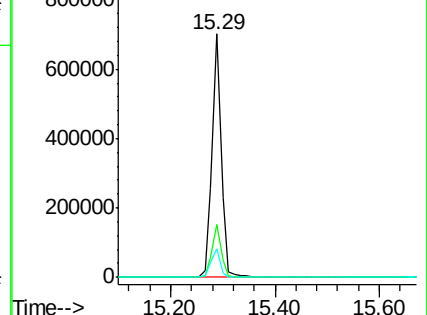
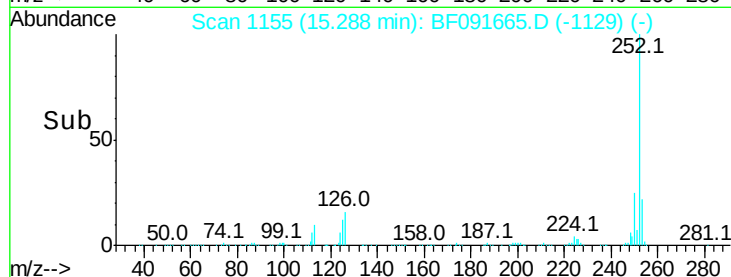
125 11.6 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.42 ng

RT: 16.72 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

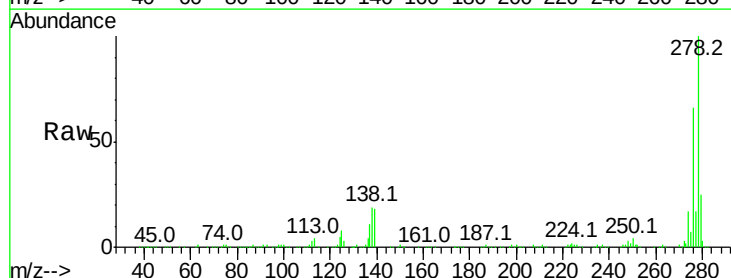
Tgt Ion:278 Resp: 693800

Ion Ratio Lower Upper

278 100

139 17.5 15.1 22.7

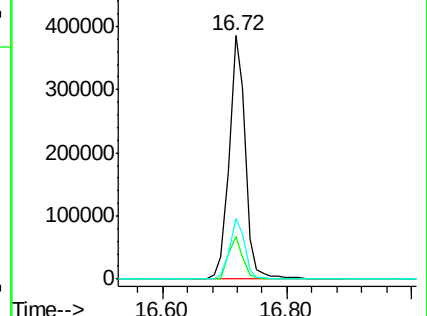
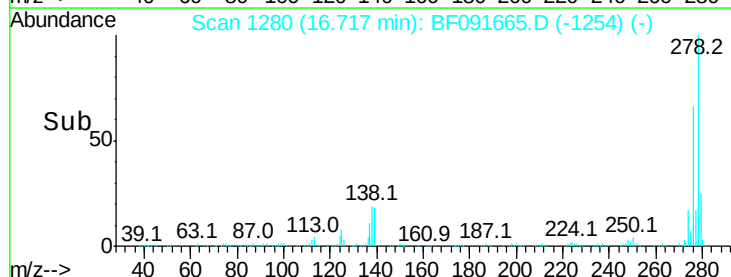
279 24.7 19.0 28.6

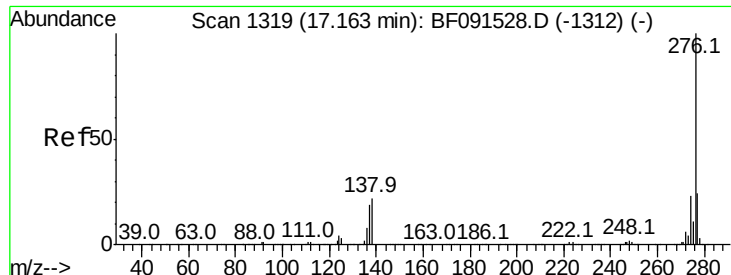


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.80 ng

RT: 17.12 min Scan# 1315

Delta R.T. 0.00 min

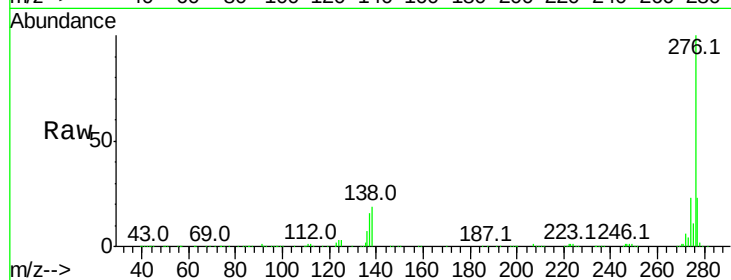
Lab File: BF091665.D

Acq: 16 Dec 2016 9:46

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 679238

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 18.7 15.4 23.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

