

Data File : BF096906.D
Acq On : 20 Jul 2017 15:24
Operator : SJ/JU
Sample : IDOC-S-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

Quant Time: Jul 21 03:23:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	88443	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	372131	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	169932	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	294726	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	229833	20.00	ng	-0.02
86) Perylene-d12	15.07	264	178199	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	687552	116.89	ng	-0.02
7) Phenol-d6	6.23	99	802119	113.63	ng	-0.02
23) Nitrobenzene-d5	7.14	82	480540	79.99	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	179069	123.45	ng	-0.03
44) 2-Fluorobiphenyl	8.93	172	898010	83.49	ng	-0.03
78) Terphenyl-d14	12.66	244	821986	62.03	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	97911	32.35	ng	# 72
3) Pyridine	2.85	79	225211	35.41	ng	# 62
4) n-Nitrosodimethylamine	2.79	42	146671	41.23	ng	# 78
6) Aniline	6.23	93	244227	28.09	ng	# 30
8) 2-Chlorophenol	6.36	128	249621	39.34	ng	95
9) Benzaldehyde	6.11	77	117552	28.81	ng	99
10) Phenol	6.24	94	297779	37.32	ng	92
11) bis(2-Chloroethyl)ether	6.31	93	229681	38.28	ng	89
12) 1,3-Dichlorobenzene	6.51	146	262415	38.90	ng	99
13) 1,4-Dichlorobenzene	6.59	146	266242	38.98	ng	95
14) 1,2-Dichlorobenzene	6.74	146	246675	39.70	ng	98
15) Benzyl Alcohol	6.72	79	193375	41.84	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	468489	37.83	ng	95
17) 2-Methylphenol	6.85	107	199265	40.38	ng	95
18) Hexachloroethane	7.08	117	95368	39.37	ng	# 84
19) n-Nitroso-di-n-propylamine	6.99	70	164108	38.59	ng	# 83
20) 3+4-Methylphenols	7.00	107	252443	42.16	ng	# 65
22) Acetophenone	6.99	105	332531	39.98	ng	# 98
24) Nitrobenzene	7.16	77	242302	39.00	ng	90
25) Isophorone	7.40	82	435340	38.95	ng	95
26) 2-Nitrophenol	7.47	139	139952	40.51	ng	93
27) 2,4-Dimethylphenol	7.52	122	224555	39.51	ng	98
28) bis(2-Chloroethoxy)methane	7.62	93	293842	38.91	ng	98
29) 2,4-Dichlorophenol	7.72	162	207140	40.26	ng	98
30) 1,2,4-Trichlorobenzene	7.80	180	198587	40.60	ng	97
31) Naphthalene	7.87	128	714670	40.54	ng	100
32) Benzoic acid	7.67	122	132849	36.57	ng	90
33) 4-Chloroaniline	7.93	127	193970	27.77	ng	96
34) Hexachlorobutadiene	8.00	225	102075	39.09	ng	97
35) Caprolactam	8.30	113	39334	23.86	ng	# 77
36) 4-Chloro-3-methylphenol	8.43	107	216650	39.16	ng	89
37) 2-Methylnaphthalene	8.57	142	487042	43.34	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	172311	37.51	ng	99
40) Hexachlorocyclopentadiene	8.72	237	142342	82.24	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	127707	37.69	ng	97
43) 2,4,5-Trichlorophenol	8.89	196	135055	39.52	ng	99
45) 1,1'-Biphenyl	9.03	154	547797	37.59	ng	99
46) 2-Chloronaphthalene	9.05	162	430920	40.15	ng	93
47) 2-Nitroaniline	9.15	65	154076	41.77	ng	94
48) Acenaphthylene	9.46	152	674940	39.47	ng	100
49) Dimethylphthalate	9.34	163	503509	39.35	ng	99
50) 2,6-Dinitrotoluene	9.40	165	114575	41.34	ng	# 90
51) Acenaphthene	9.63	154	391465	38.75	ng	98
52) 3-Nitroaniline	9.56	138	93320	28.42	ng	96
53) 2,4-Dinitrophenol	9.68	184	98565	72.51	ng	# 66
54) Dibenzofuran	9.81	168	580468	41.01	ng	99
55) 4-Nitrophenol	9.75	139	174876	72.91	ng	# 63
56) 2,4-Dinitrotoluene	9.80	165	142461	40.00	ng	# 71
57) Fluorene	10.15	166	440142	42.08	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.93	232	103967	43.87	ng	99
59) Diethylphthalate	10.03	149	491977	39.50	ng	99
60) 4-Chlorophenyl-phenylether	10.15	204	183325	41.42	ng	94
61) 4-Nitroaniline	10.17	138	134950	43.77	ng	91
62) Azobenzene	10.30	77	464524	42.27	ng	92
64) 4,6-Dinitro-2-methylphenol	10.22	198	74439	40.23	ng	# 72
65) n-Nitrosodiphenylamine	10.26	169	416477	39.53	ng	99
66) 4-Bromophenyl-phenylether	10.63	248	120821	40.15	ng	96
67) Hexachlorobenzene	10.70	284	129797	38.73	ng	# 89
68) Atrazine	10.80	200	124858	41.60	ng	95
69) Pentachlorophenol	10.90	266	111343	68.77	ng	96
70) Phenanthrene	11.10	178	674150	42.07	ng	98
71) Anthracene	11.16	178	684577	42.25	ng	98
72) Carbazole	11.31	167	671051	42.77	ng	99
73) Di-n-butylphthalate	11.65	149	779313	39.88	ng	99
74) Fluoranthene	12.29	202	759872	49.54	ng	99
76) Benzidine	12.41	184	311528	41.37	ng	# 91
77) Pyrene	12.51	202	754643	36.18	ng	99
79) Butylbenzylphthalate	13.14	149	378613	38.20	ng	# 78
80) Benzo(a)anthracene	13.70	228	613861	42.87	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	159315	30.94	ng	# 97
82) Chrysene	13.73	228	601012	42.63	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	443033	36.71	ng	# 99
84) Di-n-octyl phthalate	14.32	149	802248	40.21	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.34	276	432255	33.78	ng	99
87) Benzo(b)fluoranthene	14.70	252	494303	45.99	ng	98
88) Benzo(k)fluoranthene	14.70	252	494303	48.57	ng	97
89) Benzo(a)pyrene	15.02	252	413297	41.93	ng	99
90) Dibenzo(a,h)anthracene	16.36	278	348992	38.48	ng	98
91) Benzo(g,h,i)perylene	16.73	276	412550	42.47	ng	99

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

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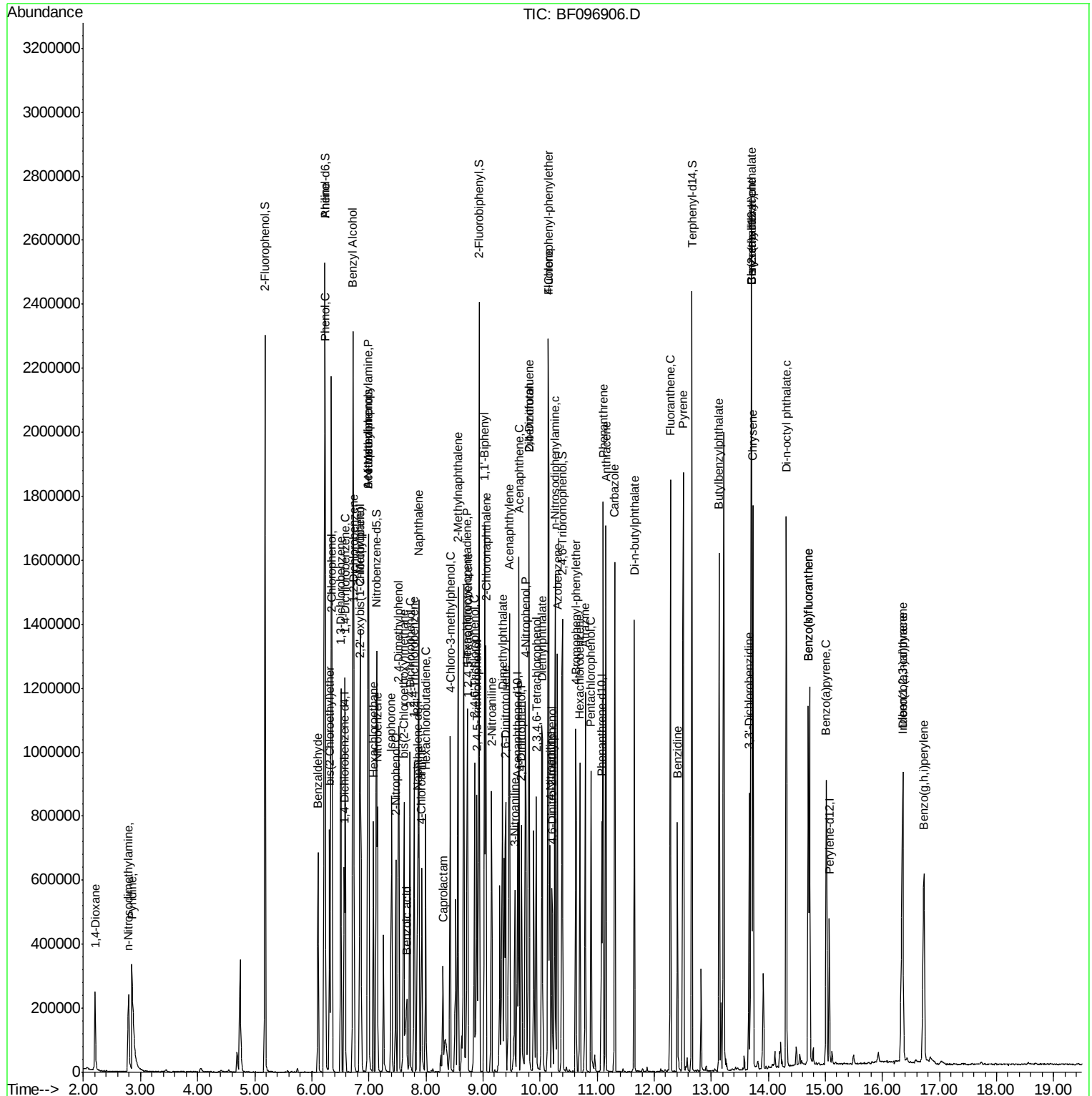
Quant Time: Jul 21 03:23:50 2017

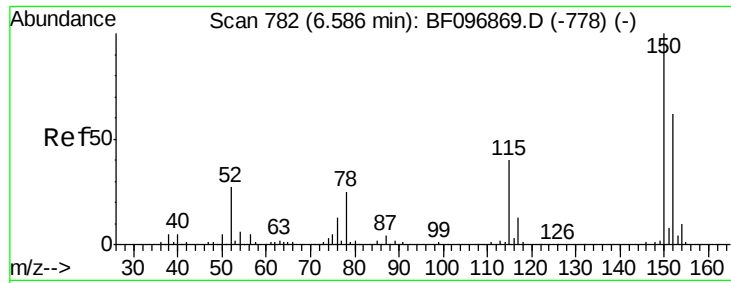
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 779

Delta R.T. -0.03 min

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Acq: 20 Jul 2017 15:24

Instrument :

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ClientSampleId :

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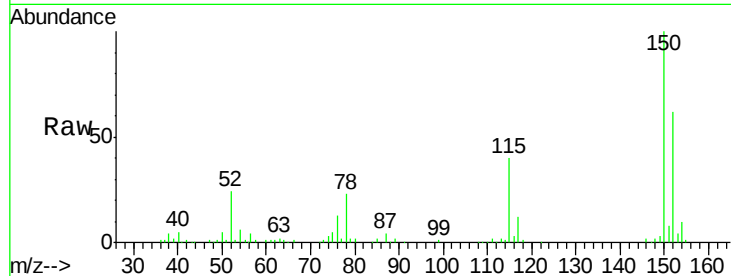
Tgt Ion:152 Resp: 88443

Ion Ratio Lower Upper

152 100

150 161.4 126.2 189.2

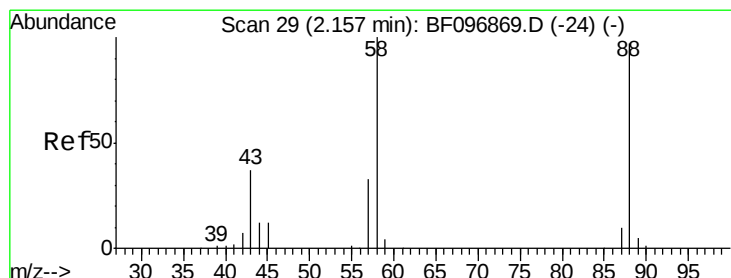
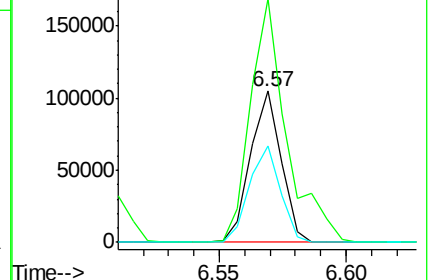
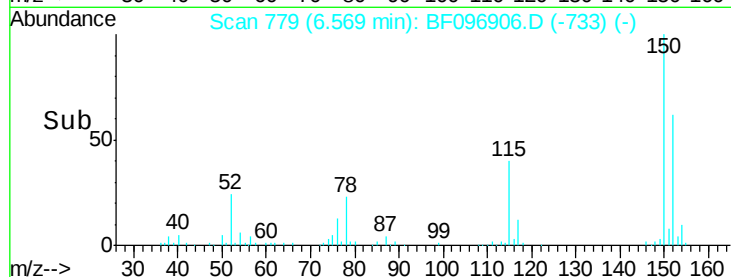
115 64.3 52.2 78.2



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: 32.35 ng

RT: 2.20 min Scan# 37

Delta R.T. 0.02 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

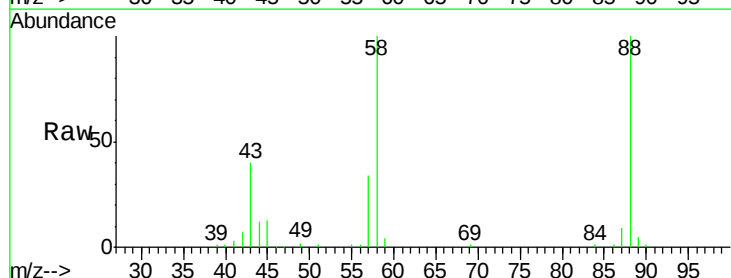
Tgt Ion: 88 Resp: 97911

Ion Ratio Lower Upper

88 100

58 102.4 61.4 92.0#

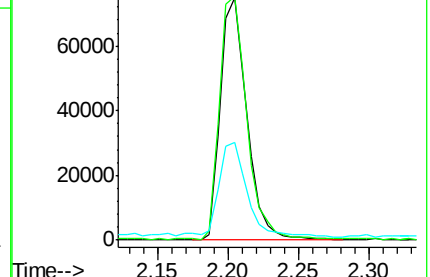
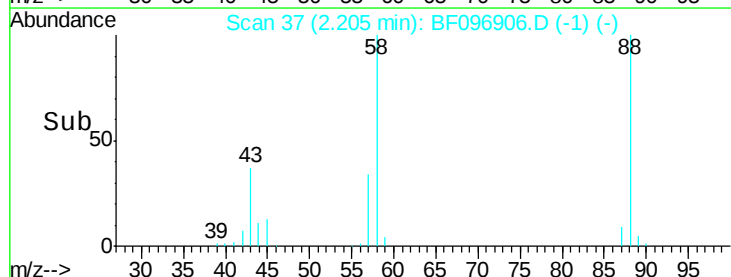
43 41.7 23.4 35.0#

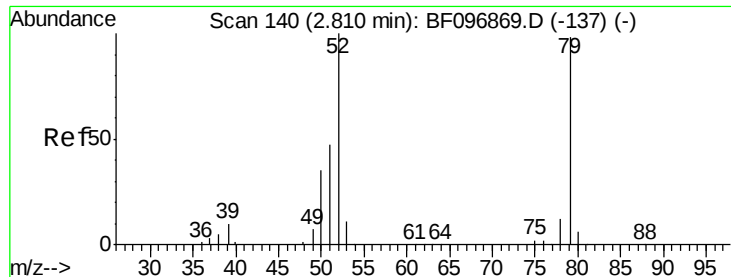


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.41 ng

RT: 2.85 min Scan# 146

Delta R.T. 0.00 min

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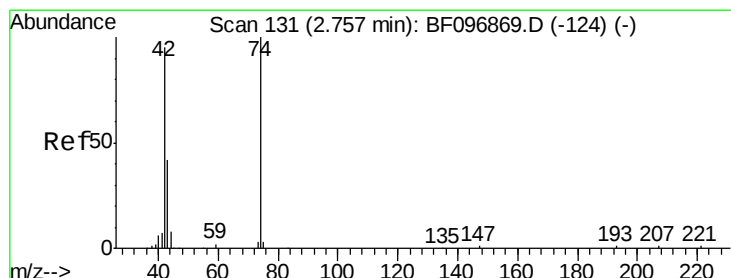
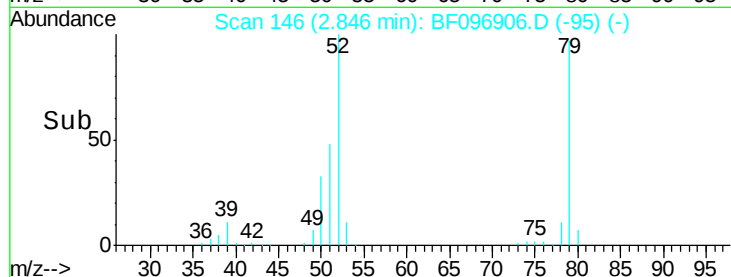
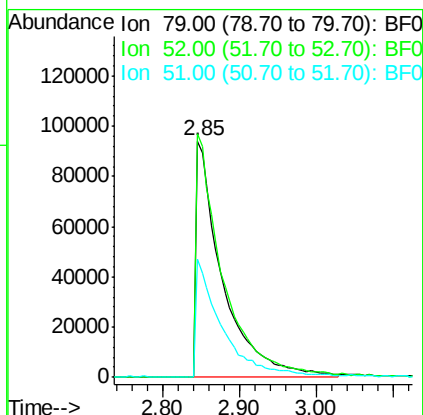
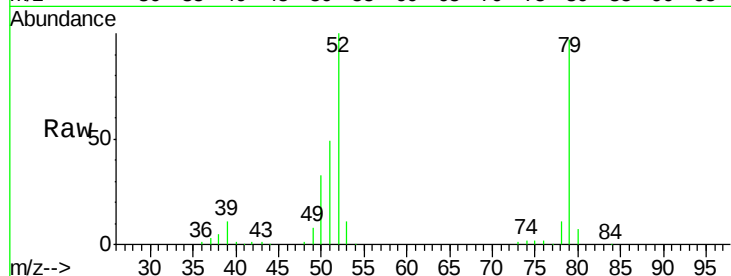
Tgt Ion: 79 Resp: 225211

Ion Ratio Lower Upper

79 100

52 102.9 54.8 82.2#

51 50.0 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.23 ng

RT: 2.79 min Scan# 137

Delta R.T. -0.01 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

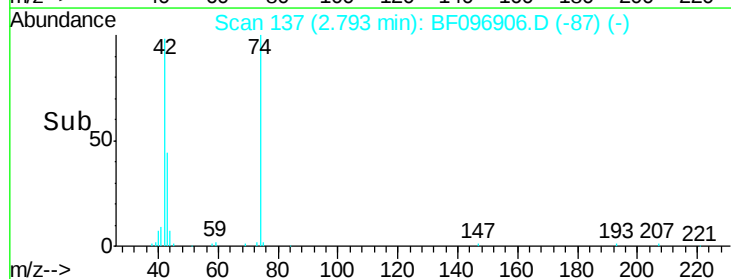
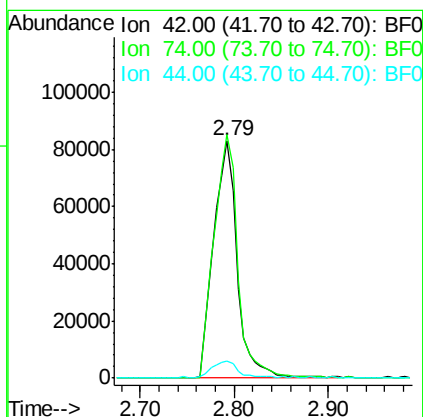
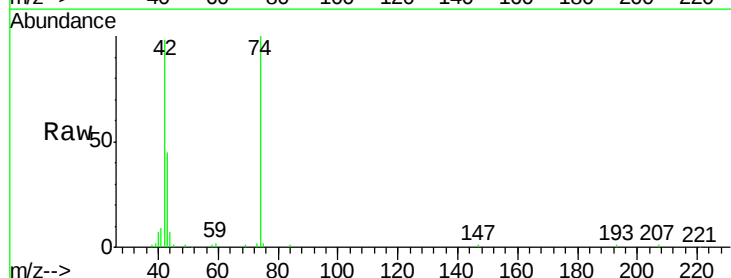
Tgt Ion: 42 Resp: 146671

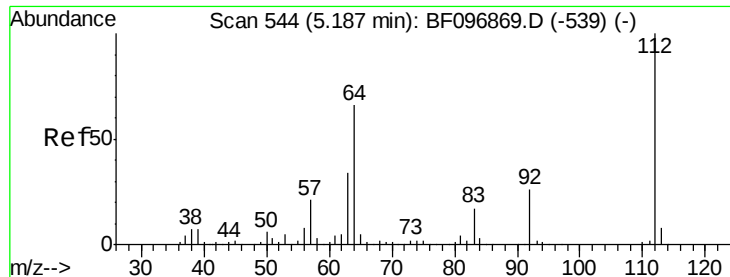
Ion Ratio Lower Upper

42 100

74 102.5 103.9 155.9#

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 116.89 ng

RT: 5.18 min Scan# 543

Delta R.T. -0.02 min

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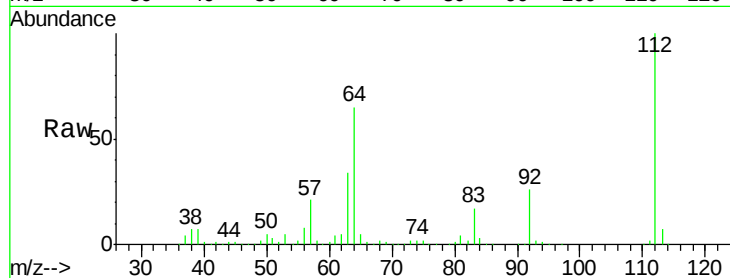
Tgt Ion: 112 Resp: 687552

Ion Ratio Lower Upper

112 100

64 65.5 46.0 69.0

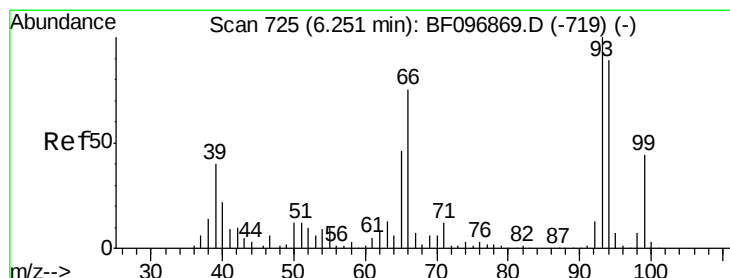
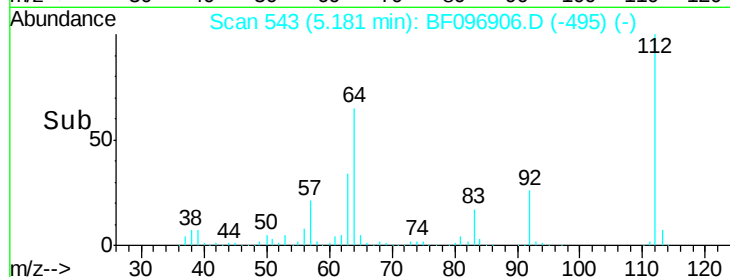
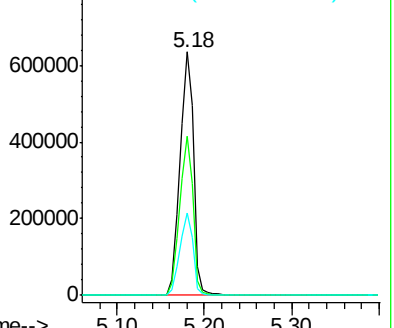
63 33.8 23.4 35.0



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: 28.09 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

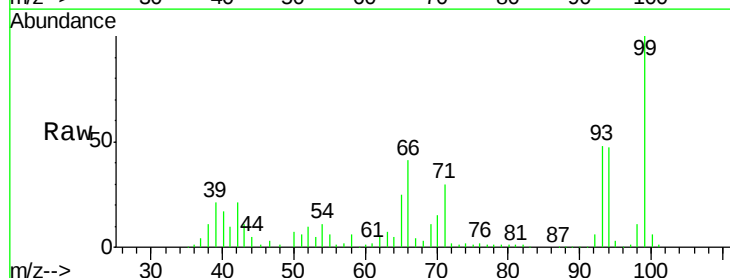
Tgt Ion: 93 Resp: 244227

Ion Ratio Lower Upper

93 100

66 85.3 32.9 49.3#

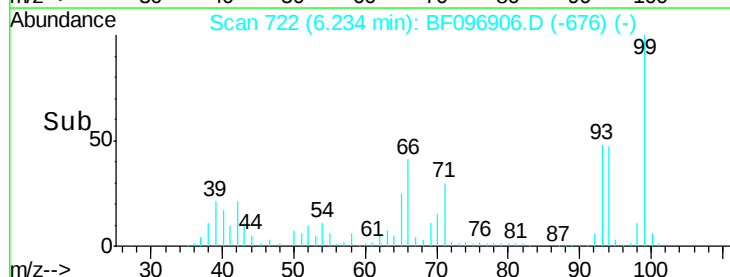
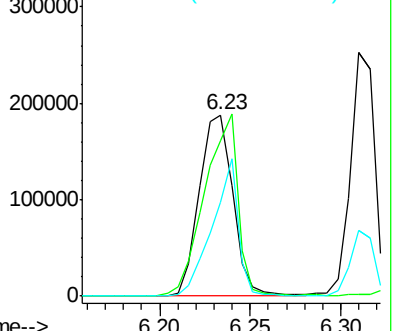
65 51.7 16.0 24.0#

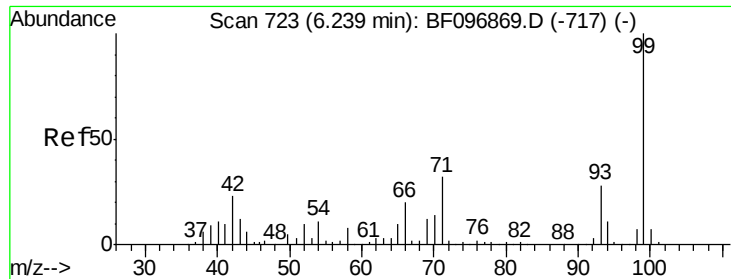


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.63 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096906.D

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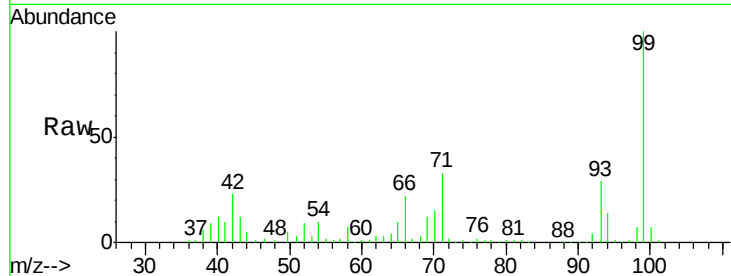
Tgt Ion: 99 Resp: 802119

Ion Ratio Lower Upper

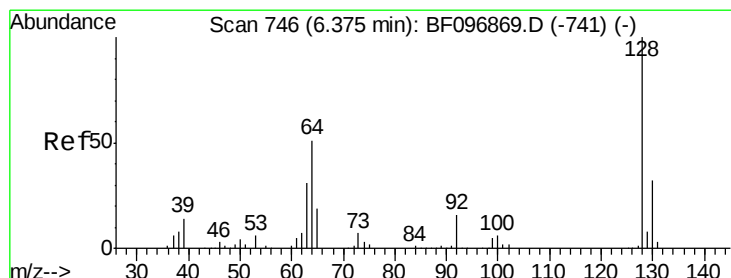
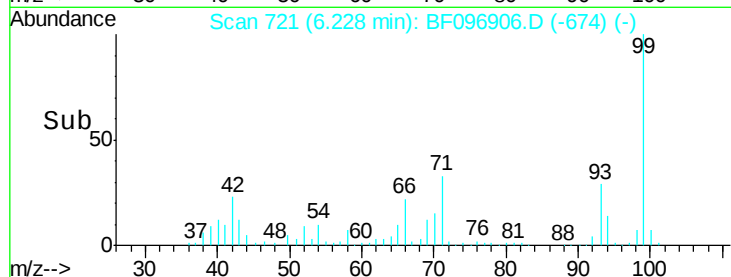
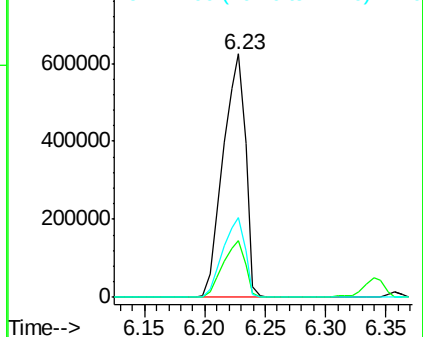
99 100

42 23.2 13.5 20.3#

71 32.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.34 ng

RT: 6.36 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

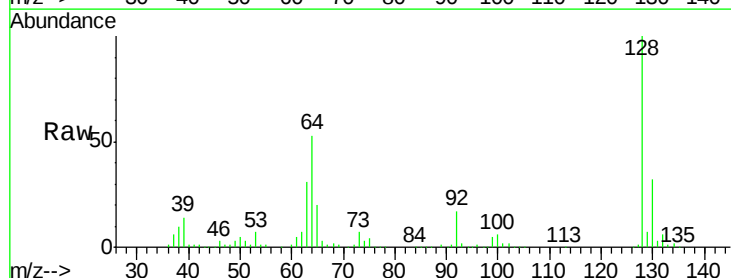
Tgt Ion: 128 Resp: 249621

Ion Ratio Lower Upper

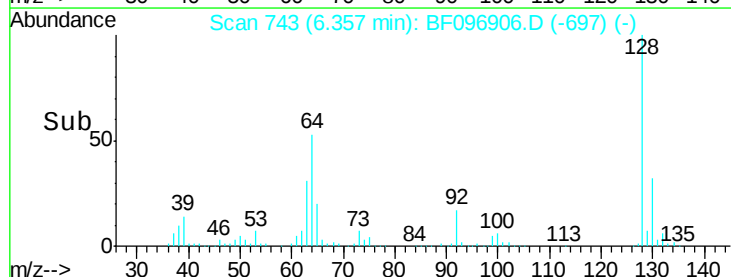
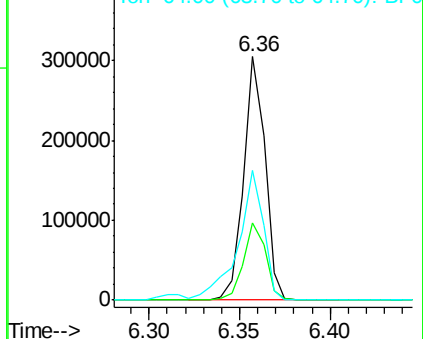
128 100

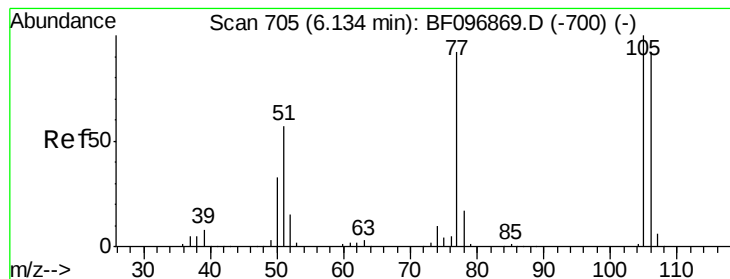
130 31.9 12.9 52.9

64 53.0 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.81 ng

RT: 6.11 min Scan# 701

Delta R.T. -0.04 min

Lab File: BF096906.D

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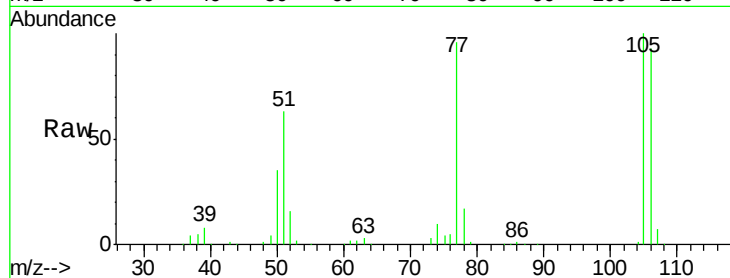
Tgt Ion: 77 Resp: 117552

Ion Ratio Lower Upper

77 100

105 104.6 83.8 123.8

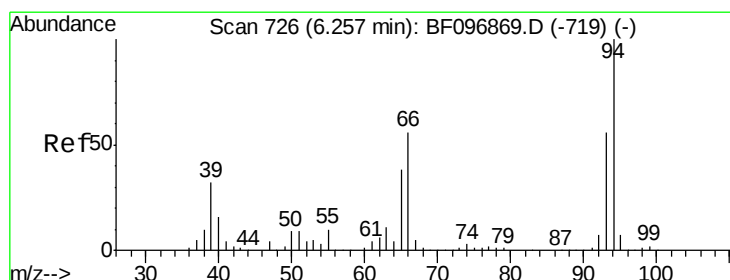
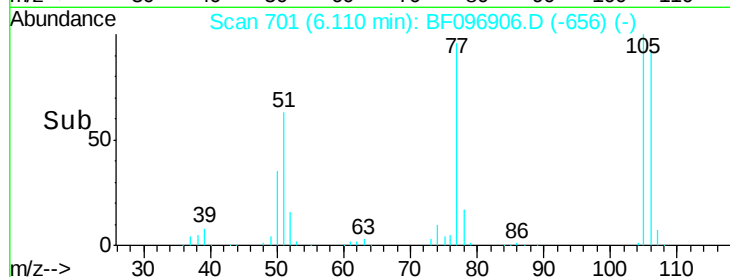
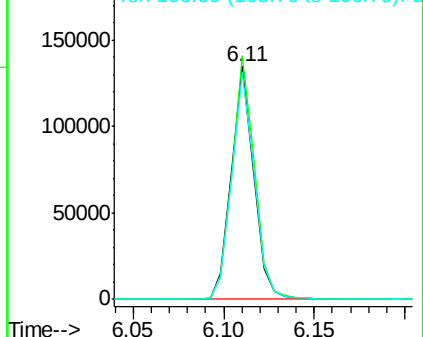
106 97.7 79.1 119.1



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: 37.32 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

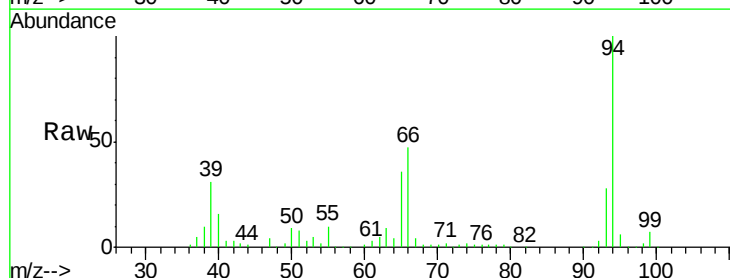
Tgt Ion: 94 Resp: 297779

Ion Ratio Lower Upper

94 100

65 35.6 9.9 49.9

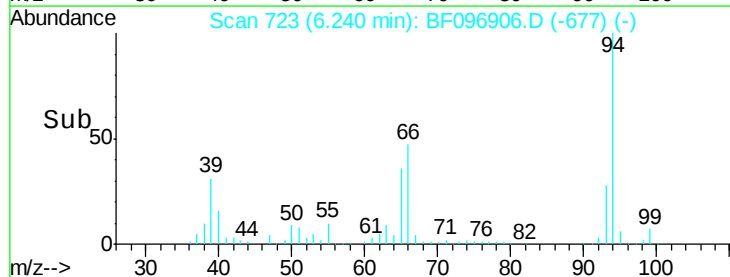
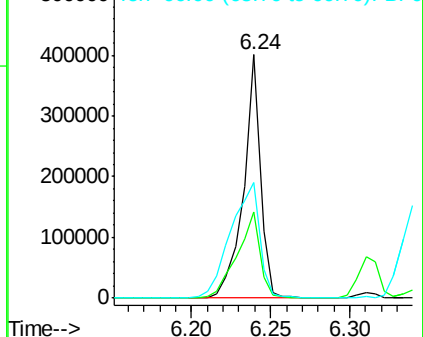
66 47.3 23.1 63.1

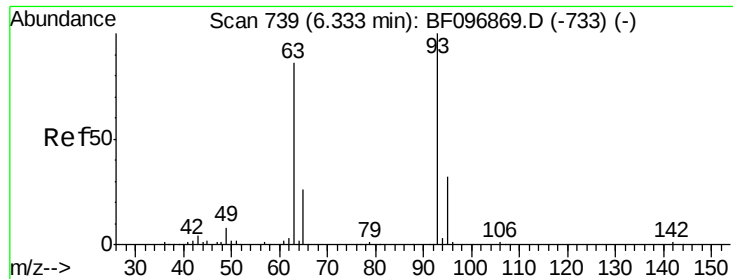


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

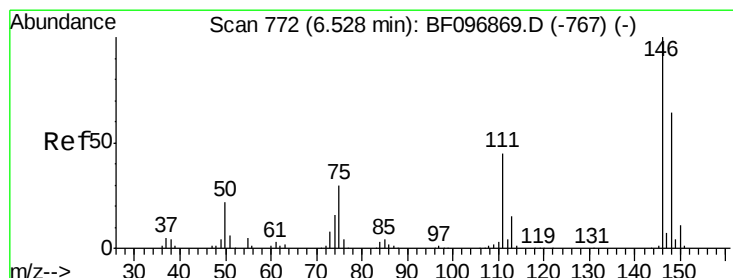
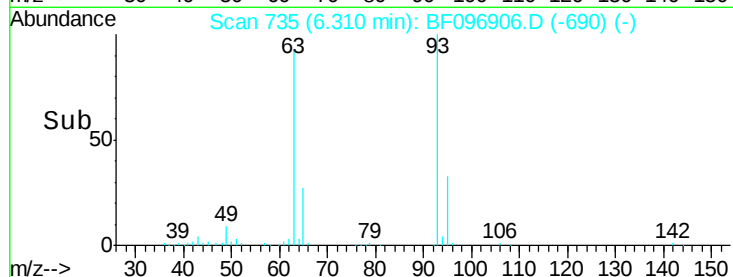
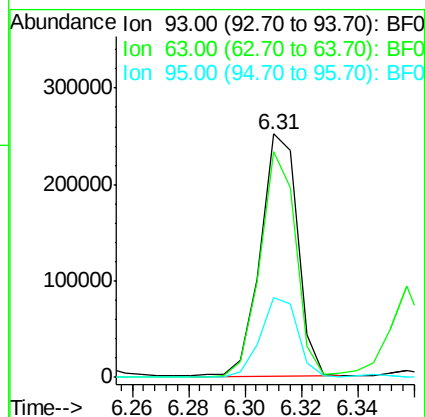
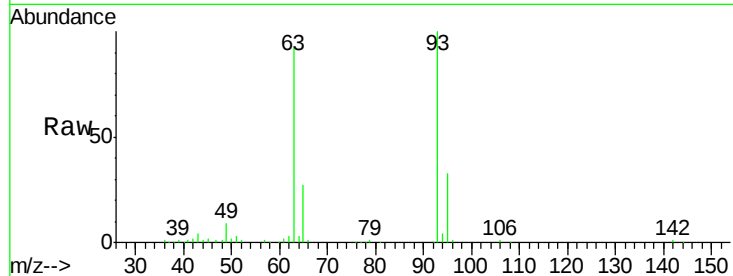




#11
bis(2-Chloroethyl)ether
Concen: 38.28 ng
RT: 6.31 min Scan# 735
Delta R.T. -0.04 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

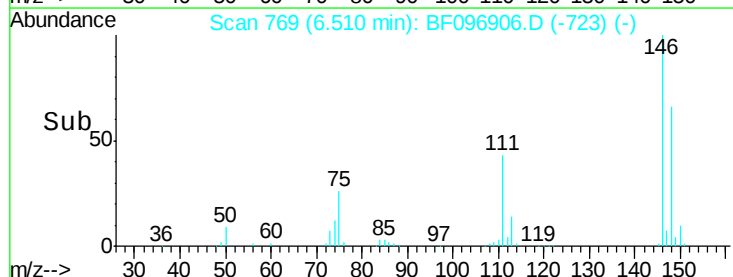
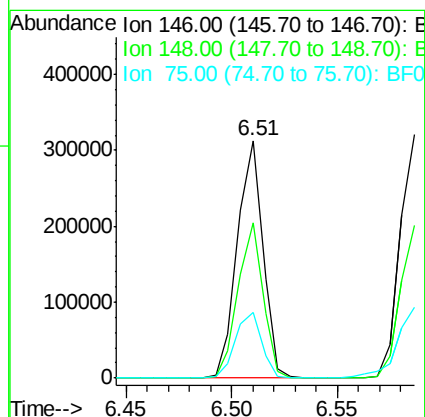
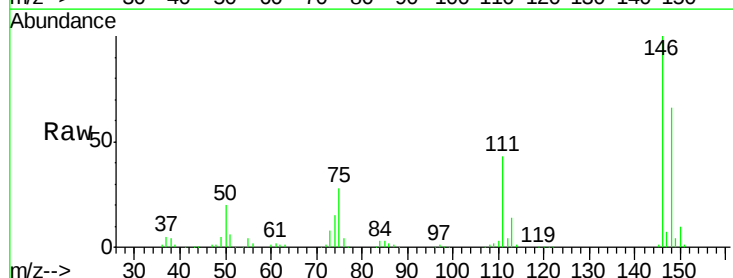
Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

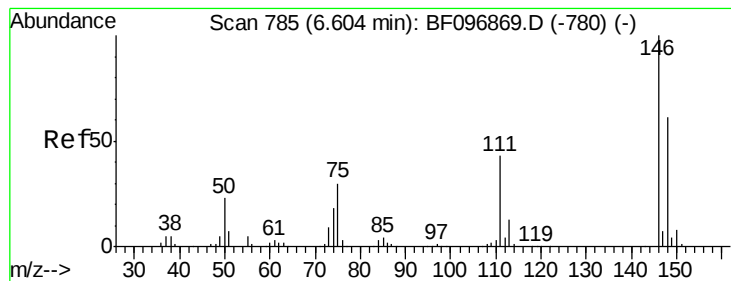
Tgt Ion: 93 Resp: 229681
Ion Ratio Lower Upper
93 100
63 92.5 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.90 ng
RT: 6.51 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion: 146 Resp: 262415
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.6
75 27.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.98 ng

RT: 6.59 min Scan# 782

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

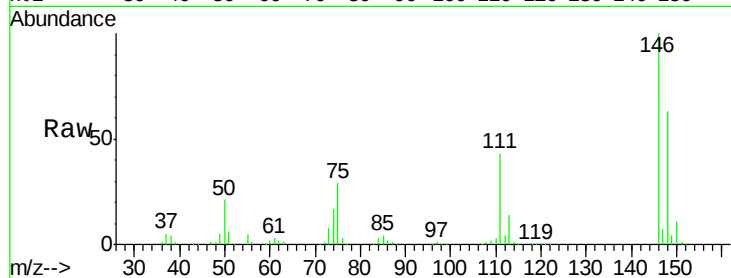
Tgt Ion:146 Resp: 266242

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.2

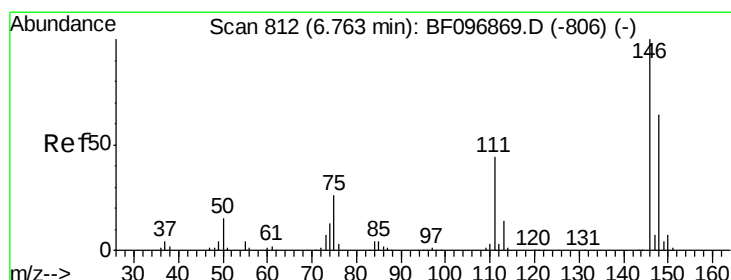
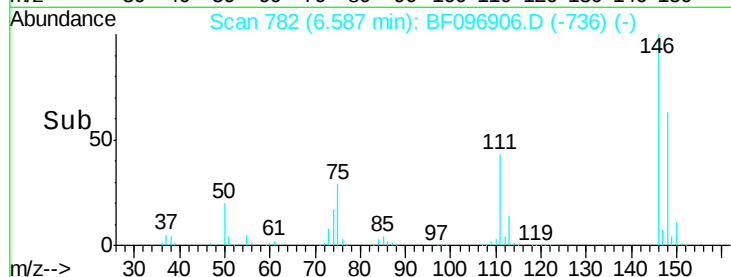
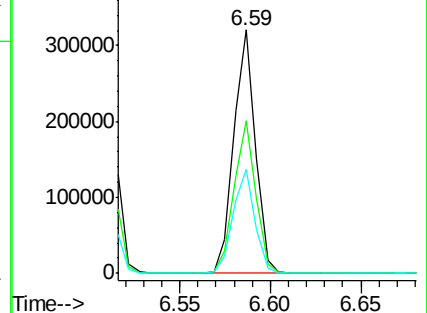
111 42.6 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.70 ng

RT: 6.74 min Scan# 808

Delta R.T. -0.04 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

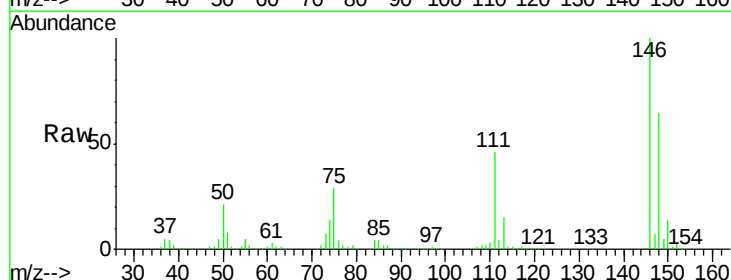
Tgt Ion:146 Resp: 246675

Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

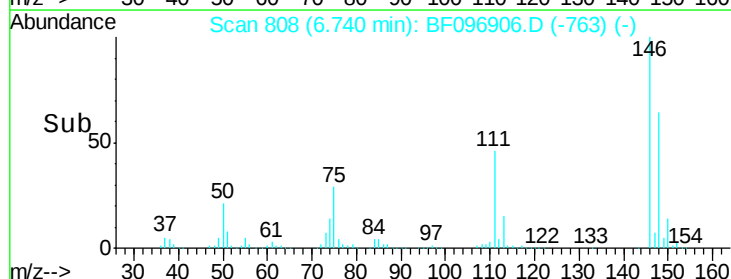
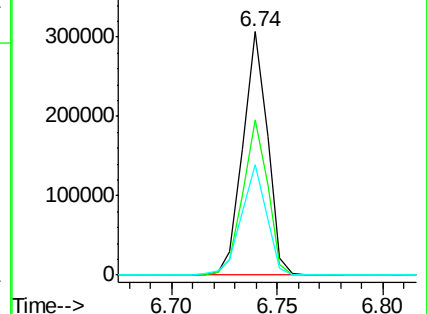
111 45.6 38.2 57.4

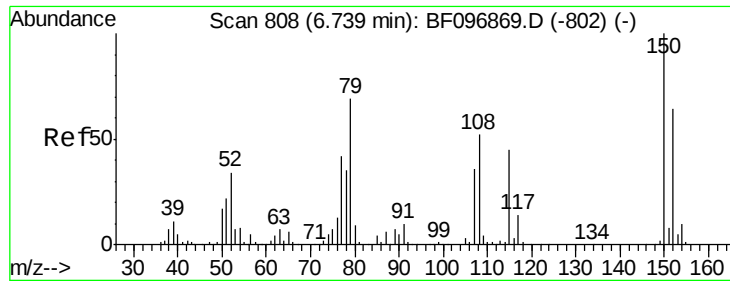


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

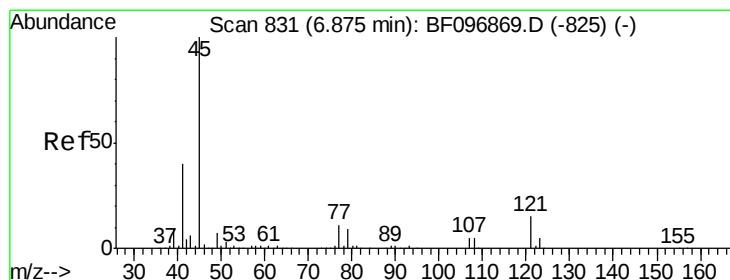
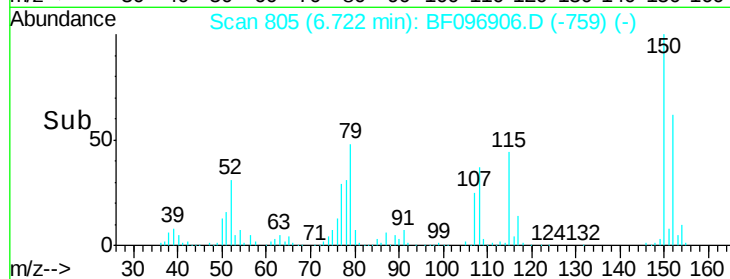
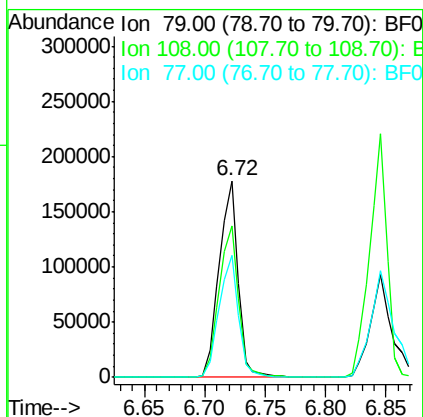
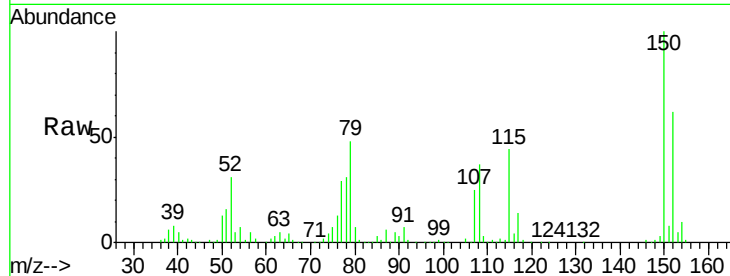




#15
Benzyl Alcohol
Concen: 41.84 ng
RT: 6.72 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

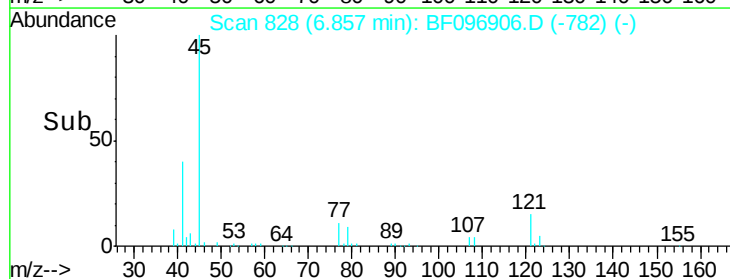
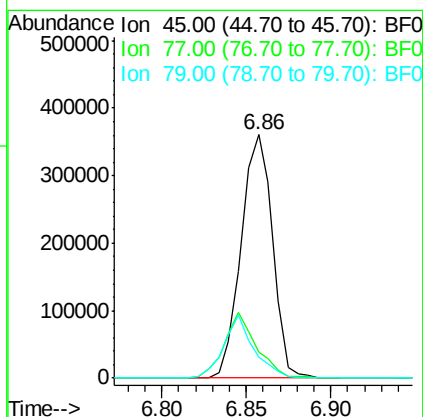
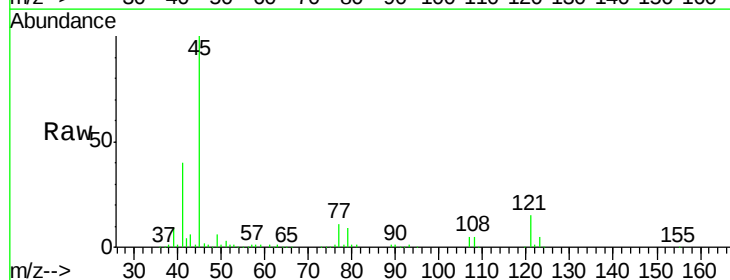
Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

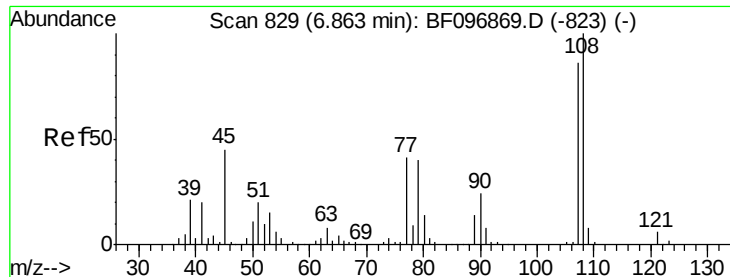
Tgt Ion: 79 Resp: 193375
Ion Ratio Lower Upper
79 100
108 76.8 63.4 95.0
77 61.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.83 ng
RT: 6.86 min Scan# 828
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion: 45 Resp: 468489
Ion Ratio Lower Upper
45 100
77 10.9 0.0 33.2
79 8.6 0.0 30.0

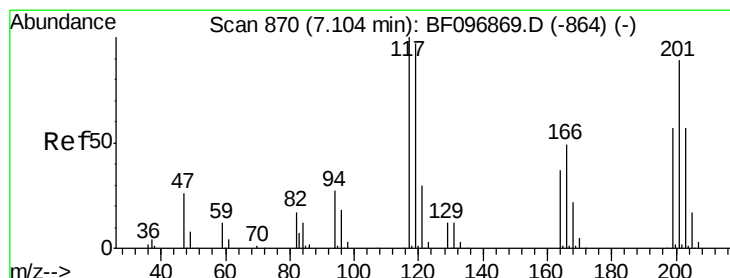
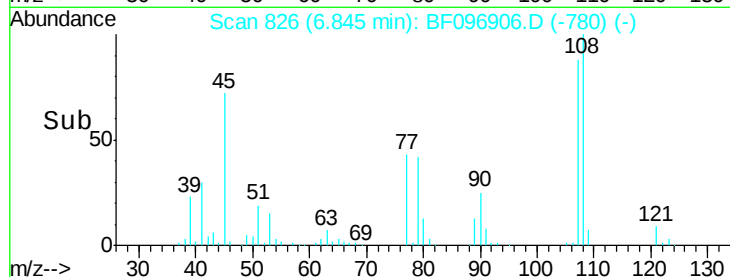
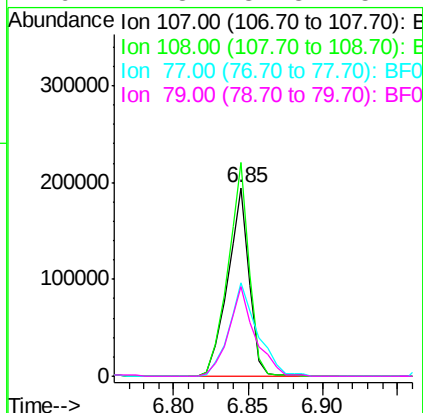
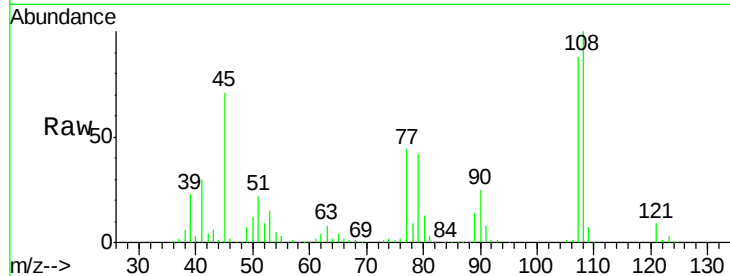




#17
2-Methylphenol
Concen: 40.38 ng
RT: 6.85 min Scan# 826
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

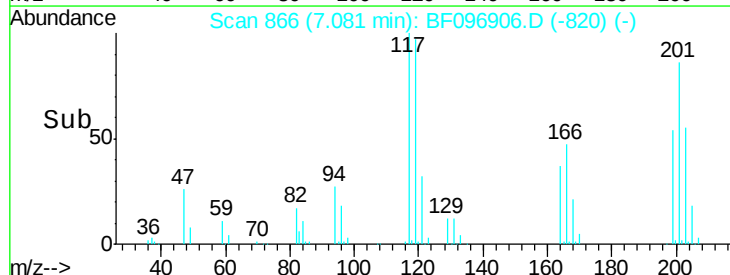
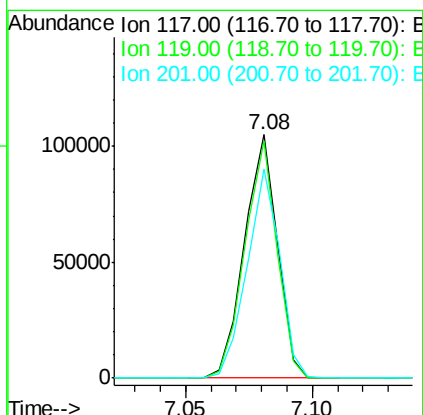
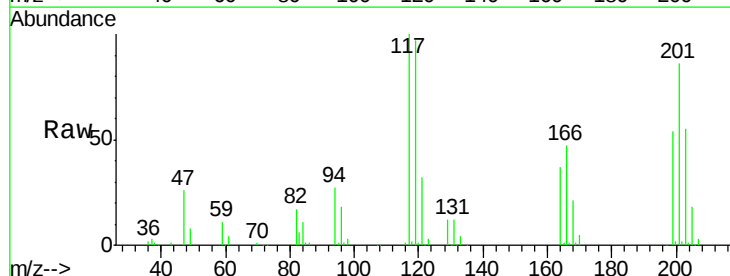
Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

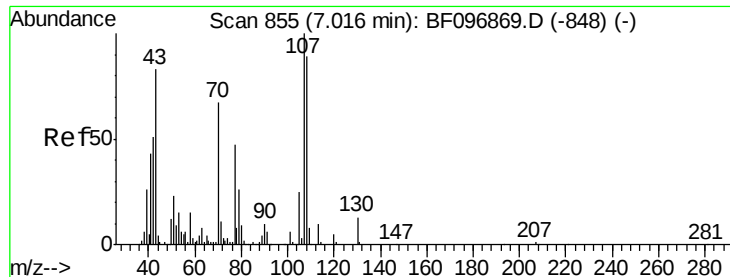
Tgt Ion:	107	Resp:	199265
Ion	Ratio	Lower	Upper
107	100		
108	113.3	93.4	140.0
77	49.9	35.8	53.6
79	47.8	34.8	52.2



#18
Hexachloroethane
Concen: 39.37 ng
RT: 7.08 min Scan# 866
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion:	117	Resp:	95368
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
201	85.9	94.6	141.8#

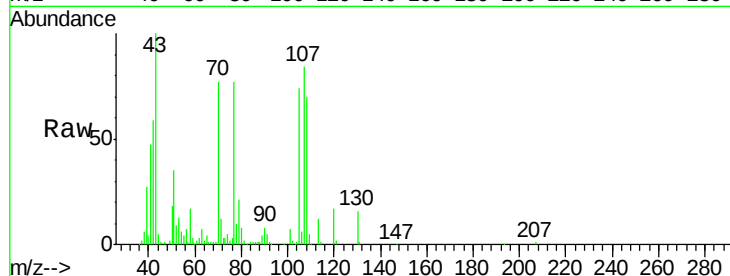




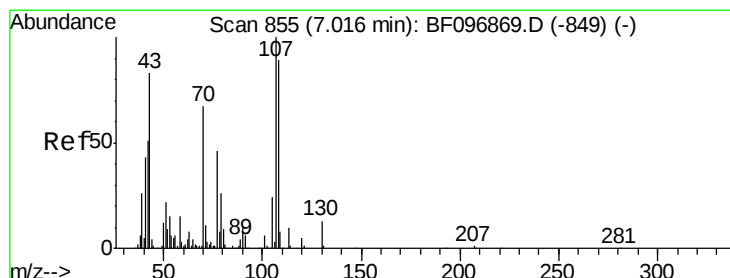
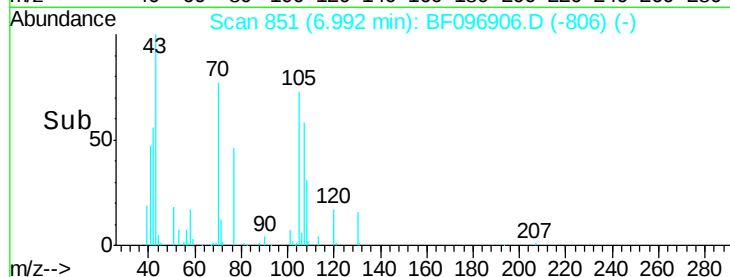
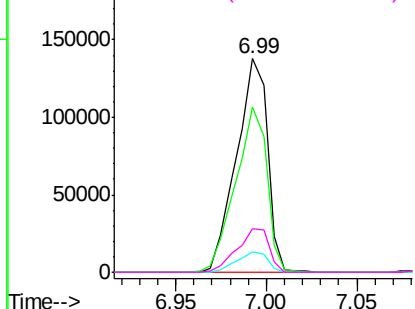
#19
n-Nitroso-di-n-propylamine
Concen: 38.59 ng
RT: 6.99 min Scan# 851
Delta R.T. -0.04 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

Tgt Ion:	70	Resp:	164108
Ion	Ratio	Lower	Upper
70	100		
42	77.1	47.2	70.8#
101	9.3	7.2	10.8
130	20.3	15.9	23.9

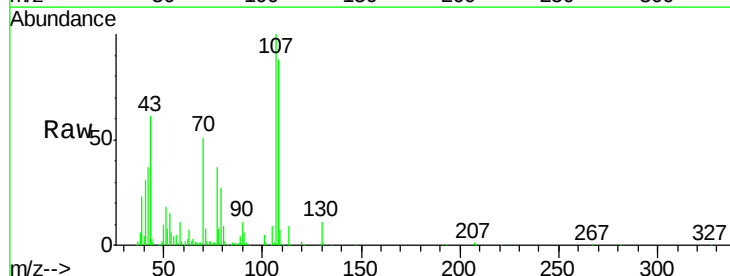


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

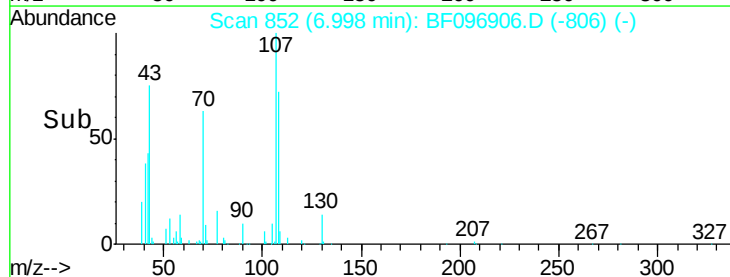
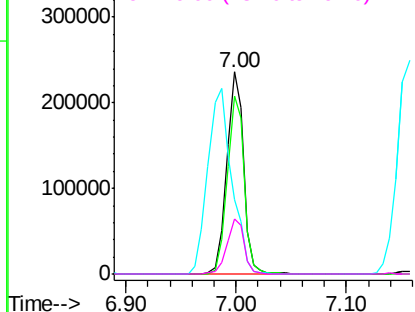


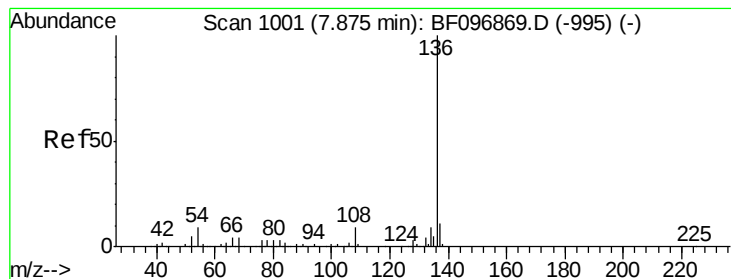
#20
3+4-Methylphenols
Concen: 42.16 ng
RT: 7.00 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion:	107	Resp:	252443
Ion	Ratio	Lower	Upper
107	100		
108	88.0	71.0	111.0
77	36.6	90.5	130.5#
79	27.0	8.4	48.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

Tgt Ion:136 Resp: 372131

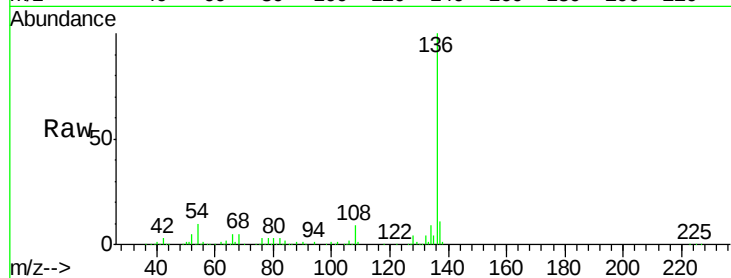
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.3 4.9 7.3#

68 4.6 4.1 6.1

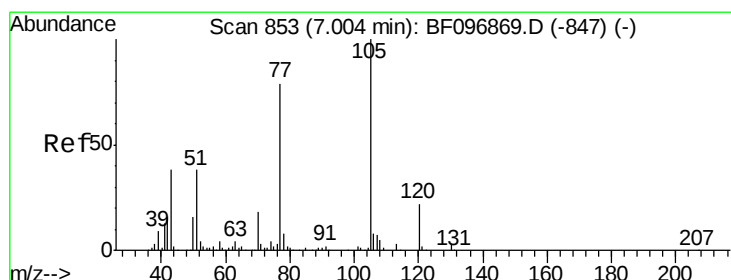
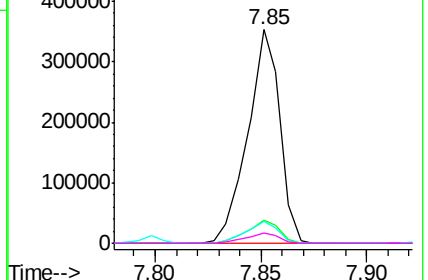
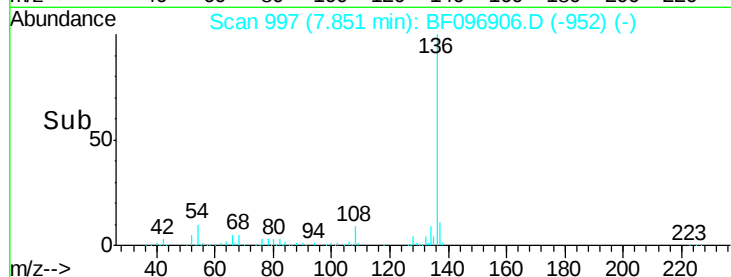


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.98 ng

RT: 6.99 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Tgt Ion:105 Resp: 332531

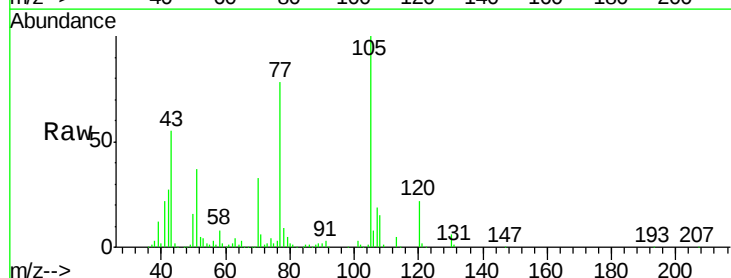
Ion Ratio Lower Upper

105 100

71 6.0 2.8 4.2#

51 36.7 30.7 46.1

120 22.1 17.4 26.0

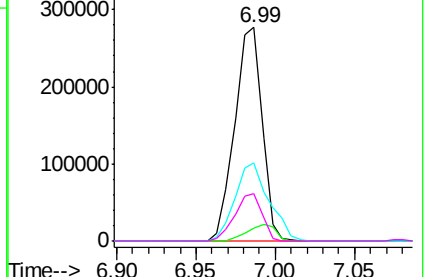
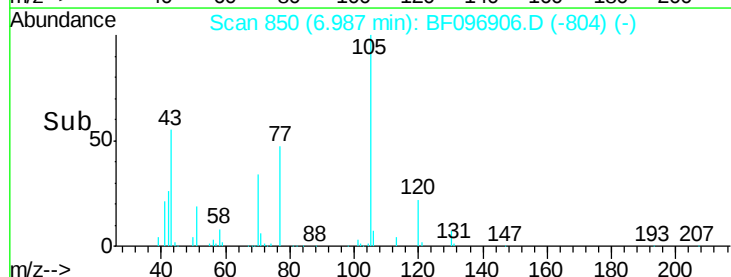


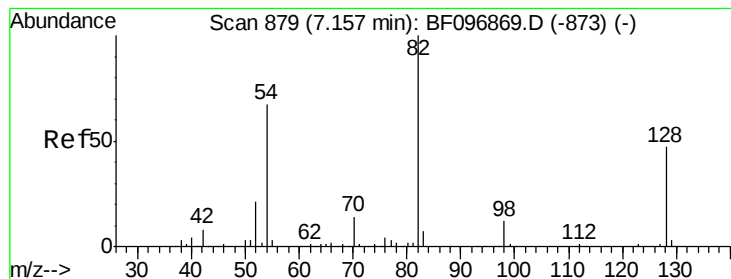
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.99 ng

RT: 7.14 min Scan# 876

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

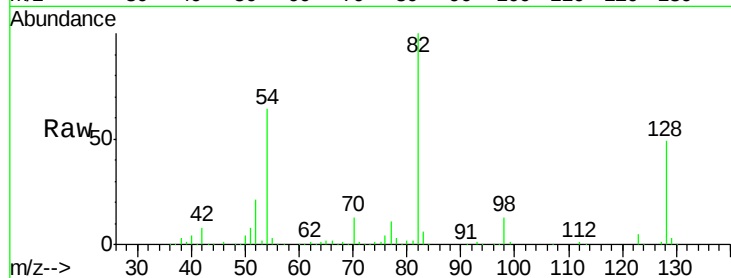
Tgt Ion: 82 Resp: 480540

Ion Ratio Lower Upper

82 100

128 49.4 34.0 51.0

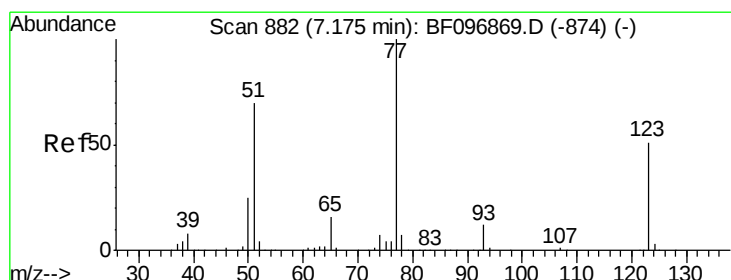
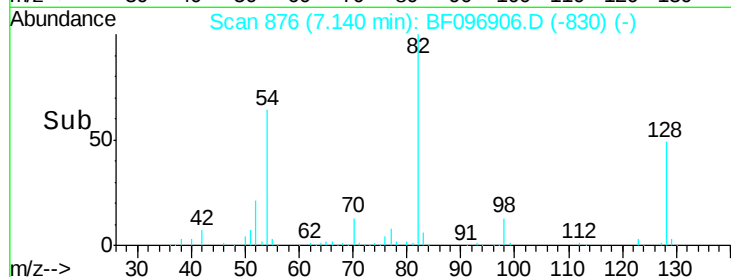
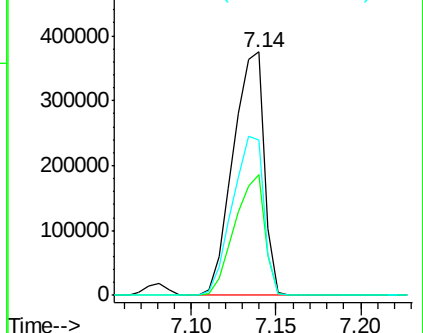
54 63.5 42.2 63.2#



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: 39.00 ng

RT: 7.16 min Scan# 879

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

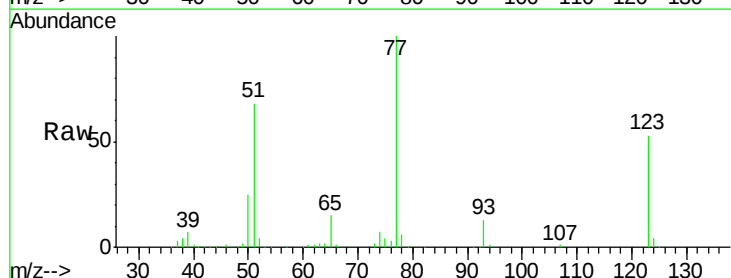
Tgt Ion: 77 Resp: 242302

Ion Ratio Lower Upper

77 100

123 52.9 35.8 53.8

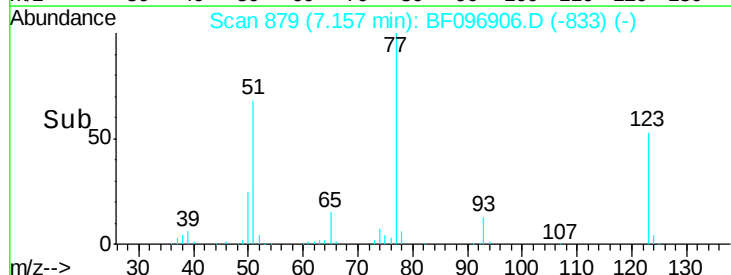
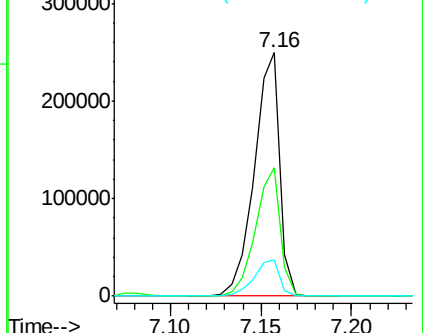
65 14.8 10.6 15.8

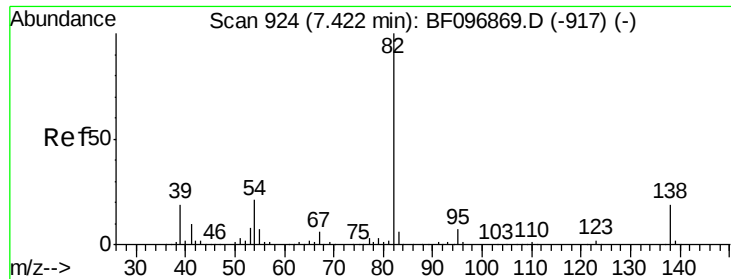


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.95 ng

RT: 7.40 min Scan# 920

Delta R.T. -0.04 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

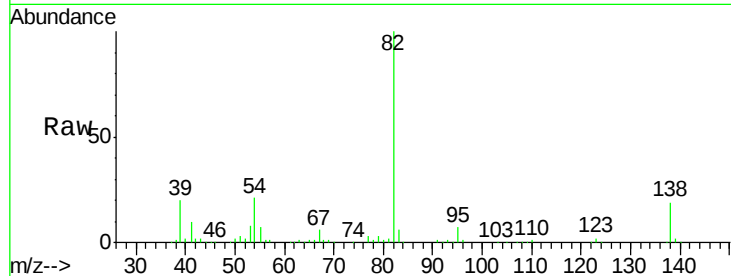
Tgt Ion: 82 Resp: 435340

Ion Ratio Lower Upper

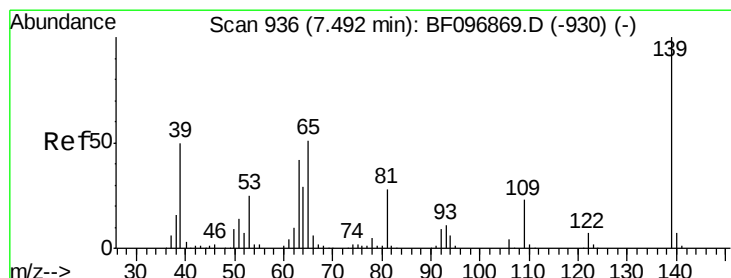
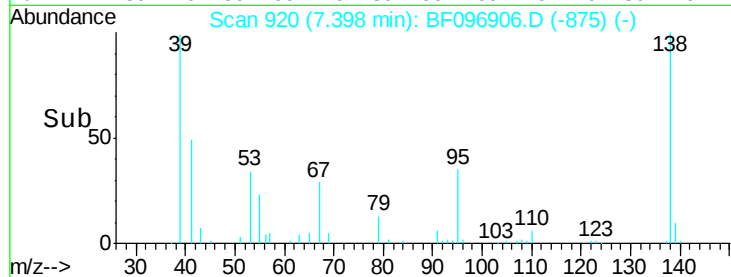
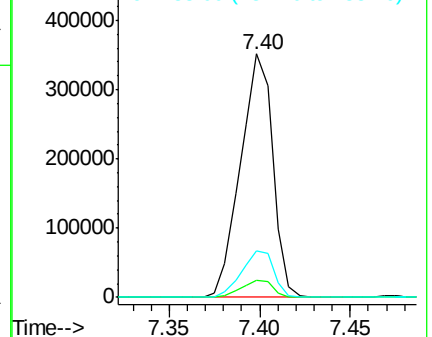
82 100

95 6.9 5.3 7.9

138 19.4 13.1 19.7



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: 40.51 ng

RT: 7.47 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

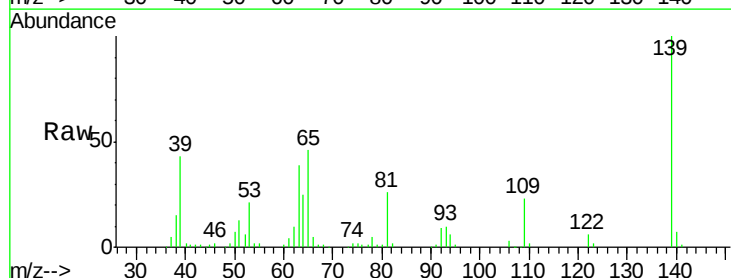
Tgt Ion: 139 Resp: 139952

Ion Ratio Lower Upper

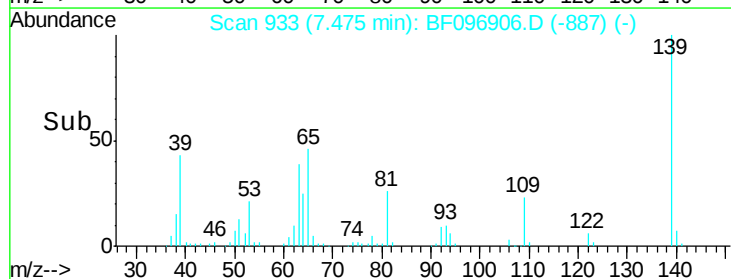
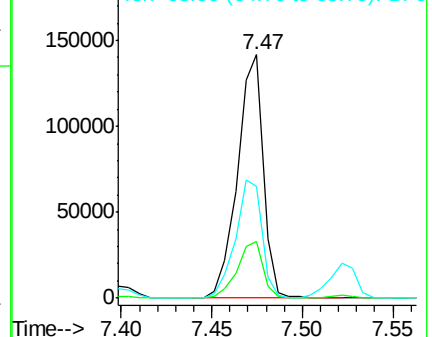
139 100

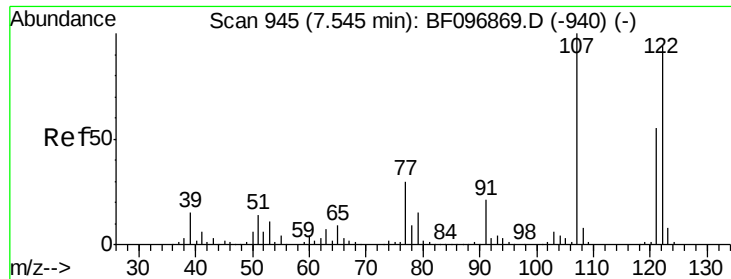
109 23.2 21.0 31.6

65 46.2 33.0 49.6



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

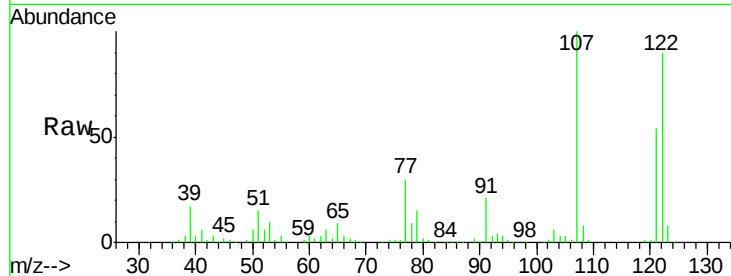




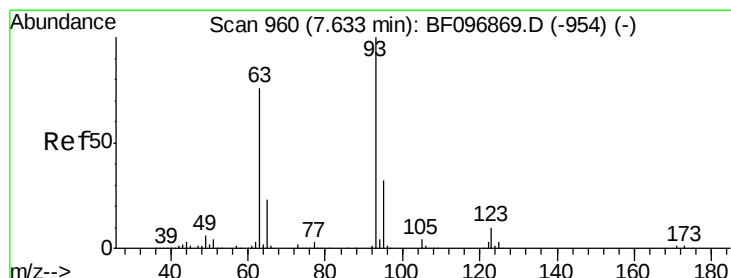
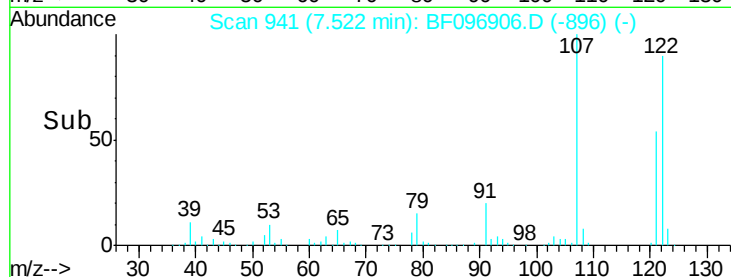
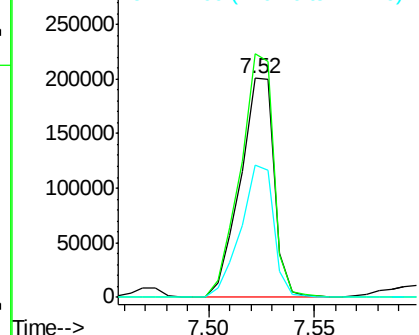
#27
 2,4-Dimethylphenol
 Concen: 39.51 ng
 RT: 7.52 min Scan# 941
 Delta R.T. -0.04 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.2	89.2	133.8
121	60.3	45.2	67.8

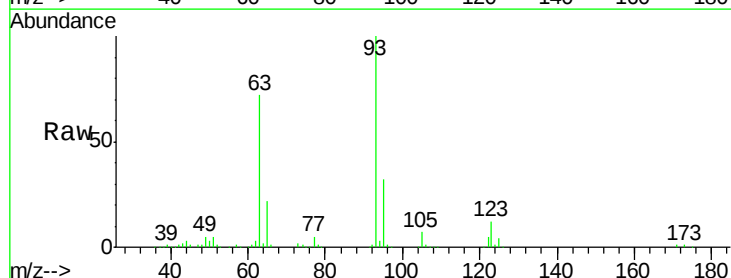


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

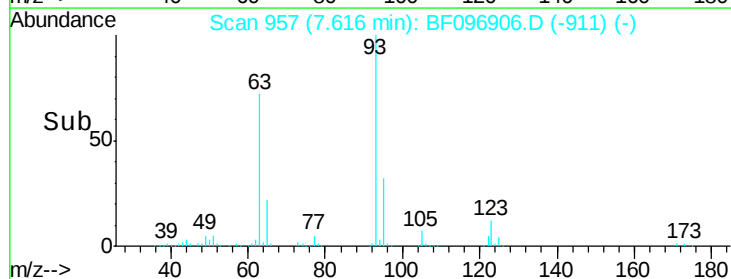
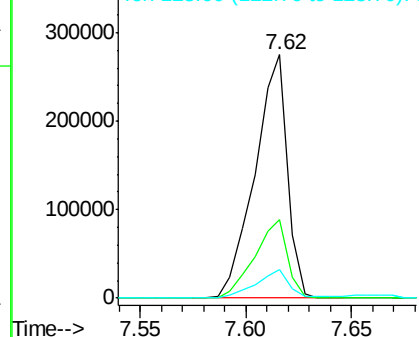


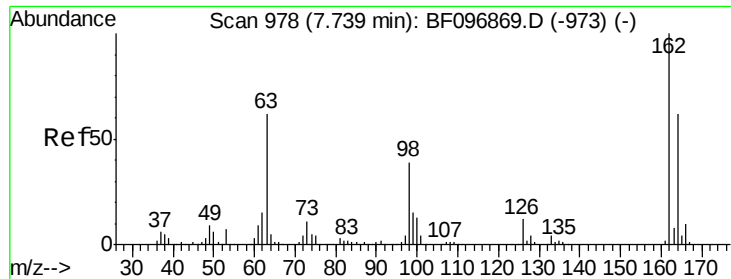
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.91 ng
 RT: 7.62 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	11.8	9.0	13.4



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

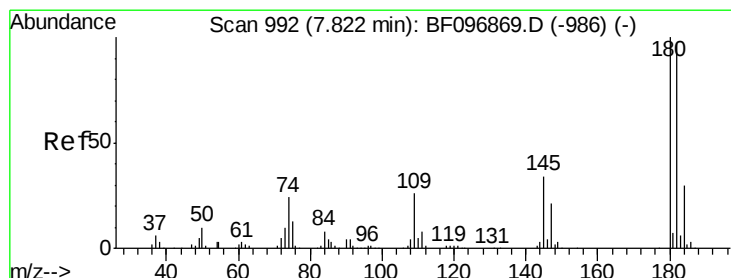
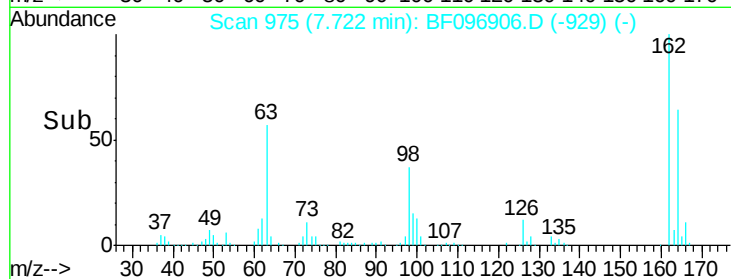
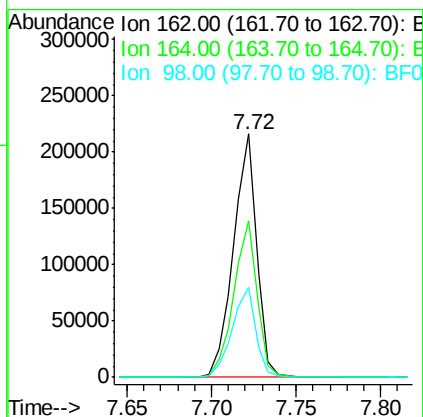
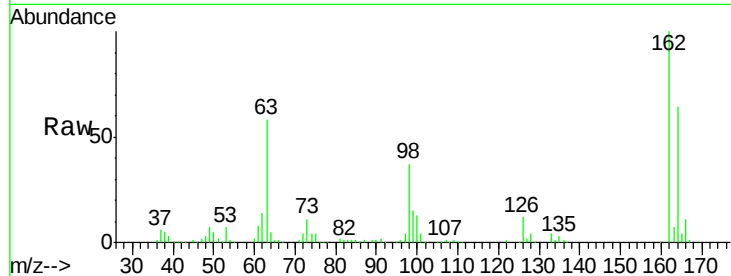




#29
 2,4-Dichlorophenol
 Concen: 40.26 ng
 RT: 7.72 min Scan# 975
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

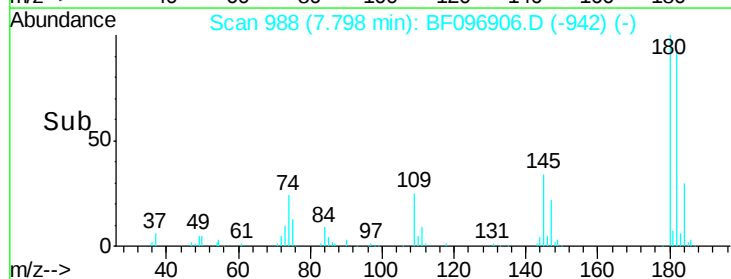
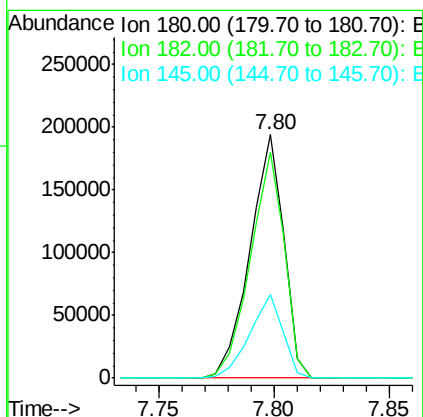
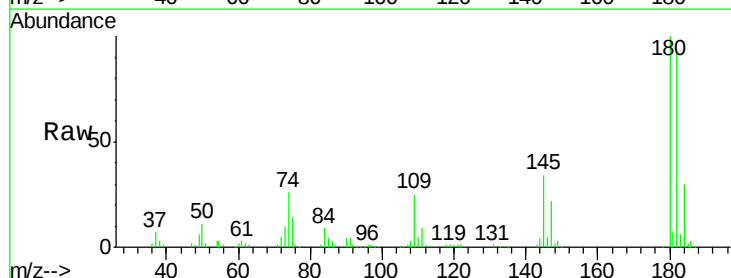
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

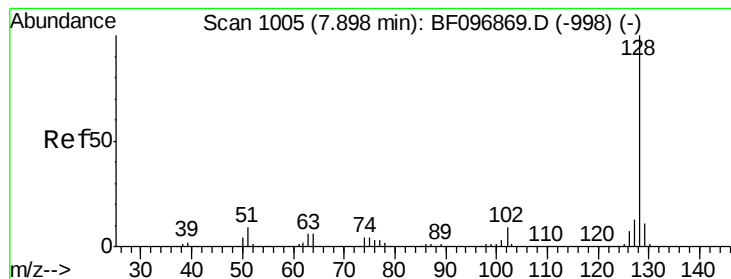
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	37.0	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.60 ng
 RT: 7.80 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.8	113.6
145	34.4	25.3	37.9





#31

Naphthalene

Concen: 40.54 ng

RT: 7.87 min Scan# 1001

Delta R.T. -0.04 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

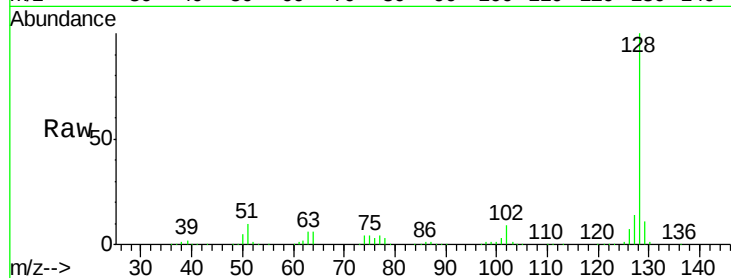
Tgt Ion:128 Resp: 714670

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

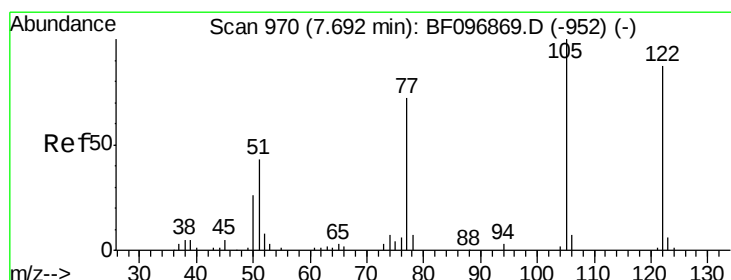
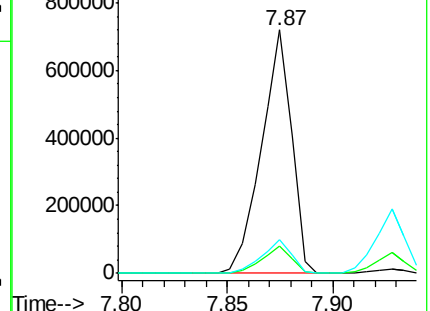
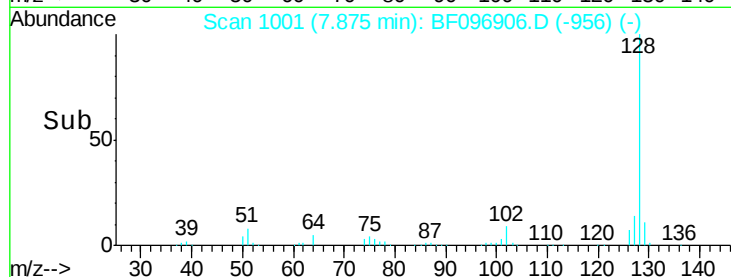
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.57 ng

RT: 7.67 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

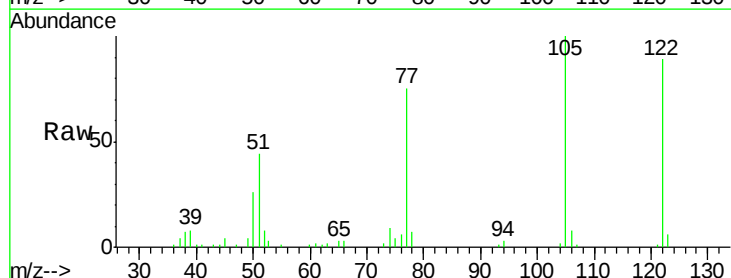
Tgt Ion:122 Resp: 132849

Ion Ratio Lower Upper

122 100

105 111.9 103.3 143.3

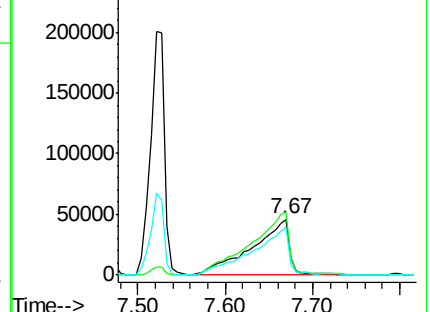
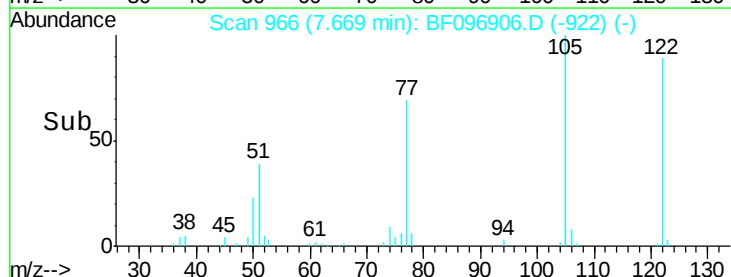
77 84.2 73.7 113.7

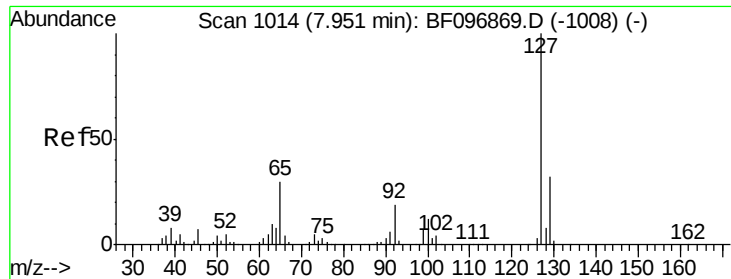


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

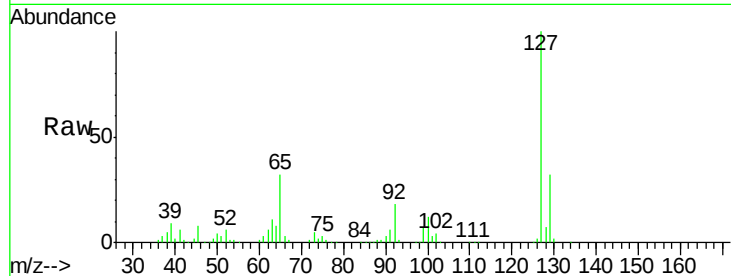




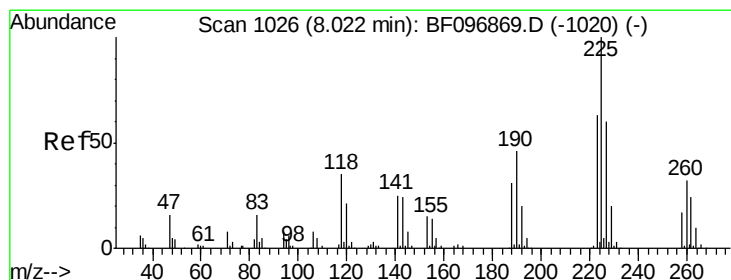
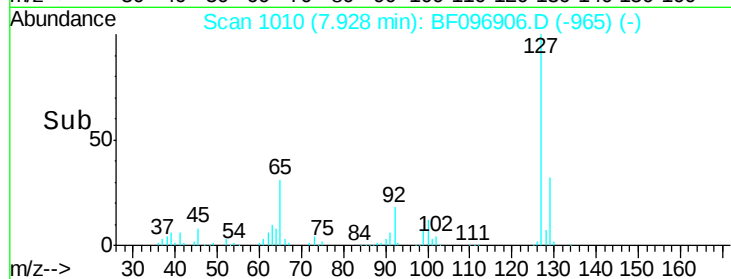
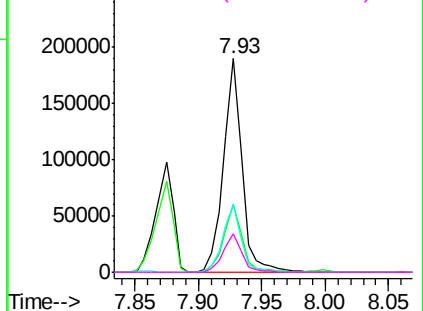
#33
4-Chloroaniline
Concen: 27.77 ng
RT: 7.93 min Scan# 1010
Delta R.T. -0.04 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

Tgt Ion:	127	Resp:	193970
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	31.7	27.8	41.8
92	18.0	16.8	25.2

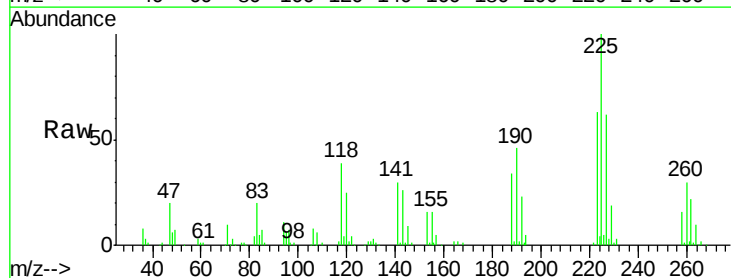


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

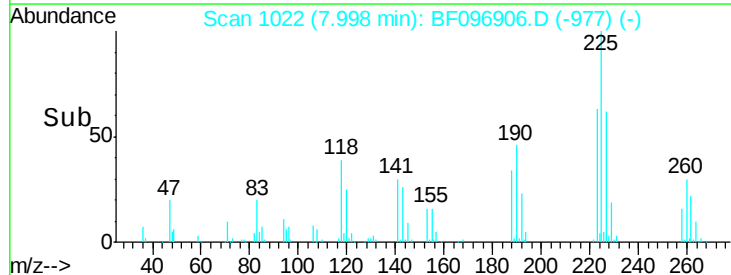
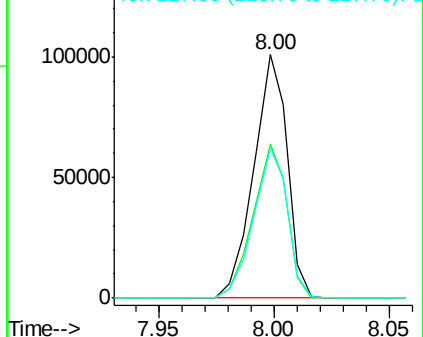


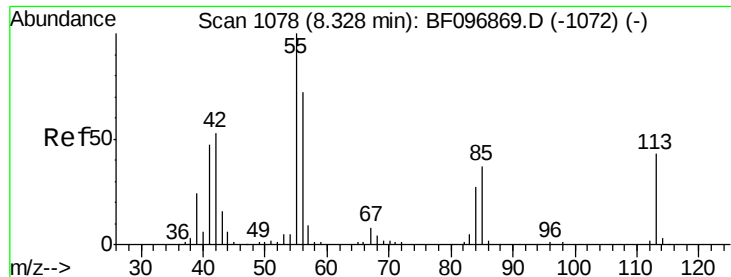
#34
Hexachlorobutadiene
Concen: 39.09 ng
RT: 8.00 min Scan# 1022
Delta R.T. -0.04 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion:	225	Resp:	102075
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	61.8	51.1	76.7



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

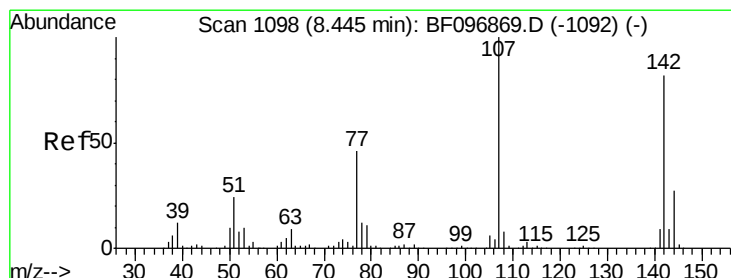
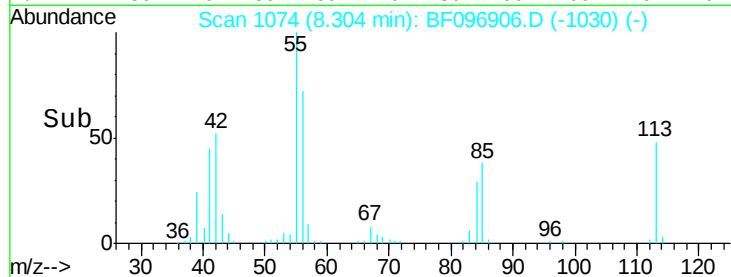
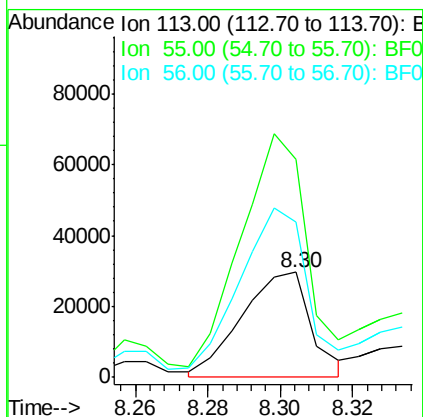
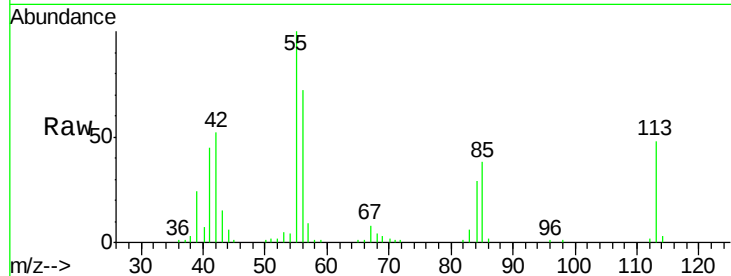




#35
 Caprolactam
 Concen: 23.86 ng
 RT: 8.30 min Scan# 1074
 Delta R.T. -0.04 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

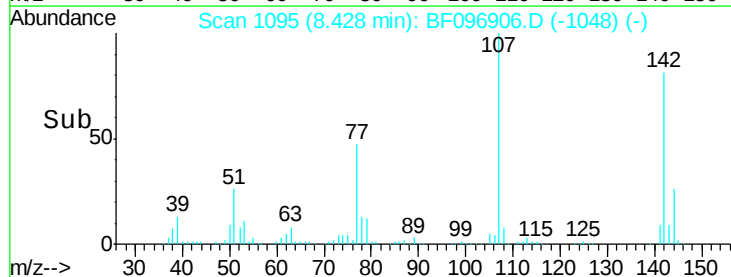
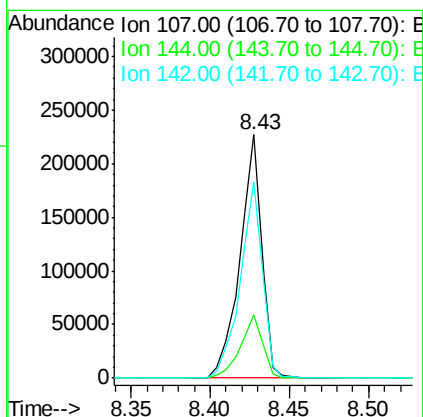
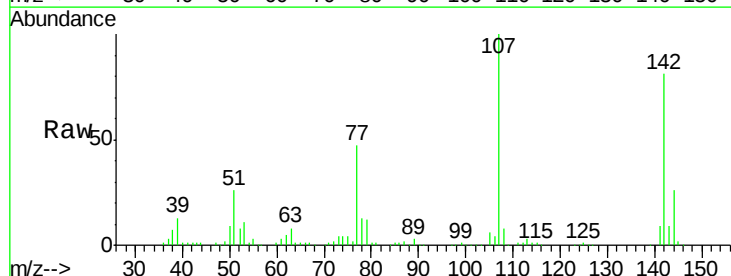
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

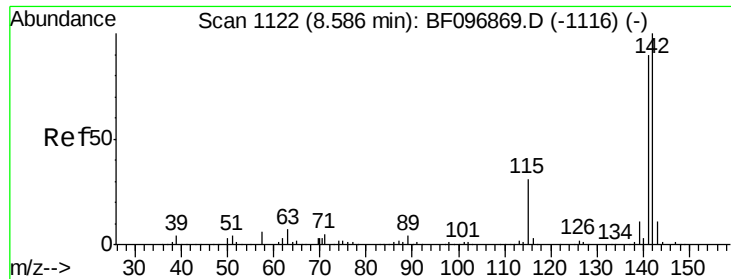
Tgt Ion:113 Resp: 39334
 Ion Ratio Lower Upper
 113 100
 55 207.8 150.2 190.2#
 56 148.6 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.16 ng
 RT: 8.43 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:107 Resp: 216650
 Ion Ratio Lower Upper
 107 100
 144 26.0 24.2 36.4
 142 80.6 73.4 110.0

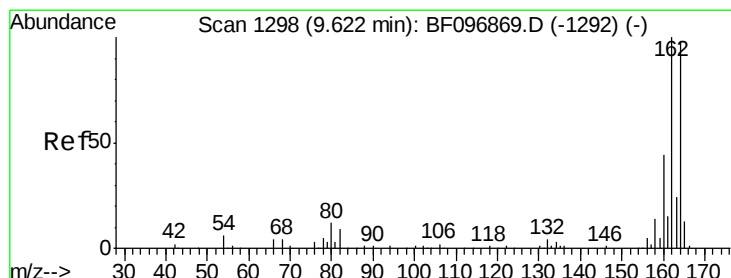
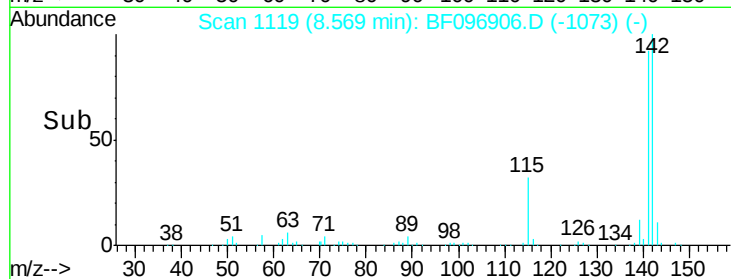
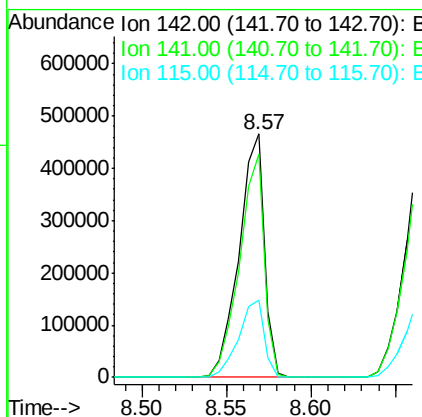
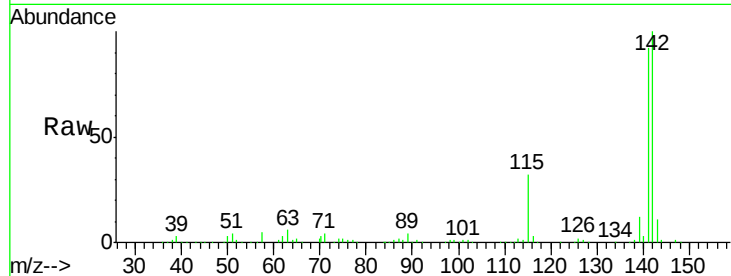




#37
 2-Methylnaphthalene
 Concen: 43.34 ng
 RT: 8.57 min Scan# 1119
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

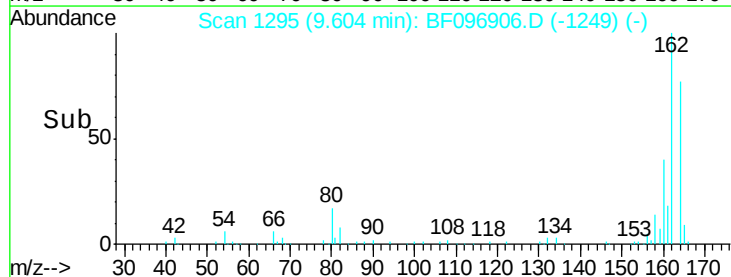
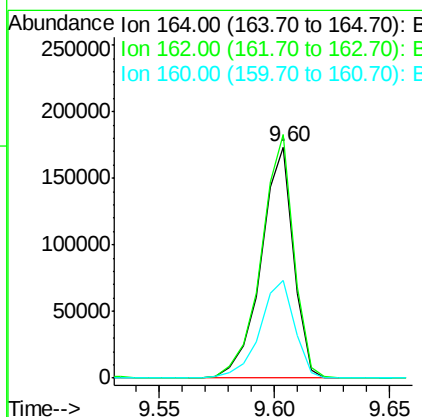
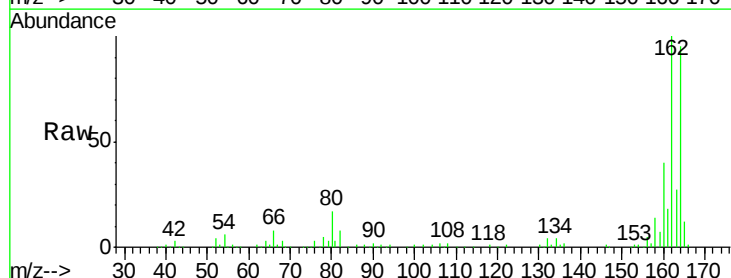
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

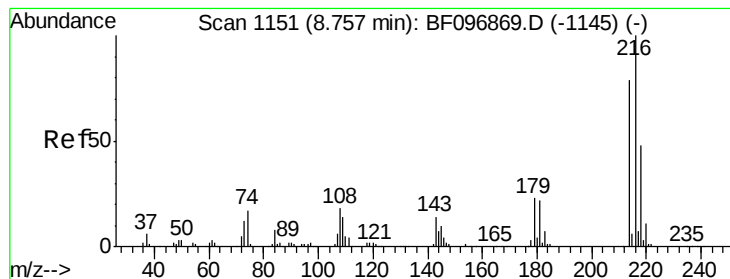
Tgt Ion:142 Resp: 487042
 Ion Ratio Lower Upper
 142 100
 141 91.9 71.3 106.9
 115 31.6 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1295
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:164 Resp: 169932
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 42.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.51 ng

RT: 8.74 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

Tgt Ion:216 Resp: 172311

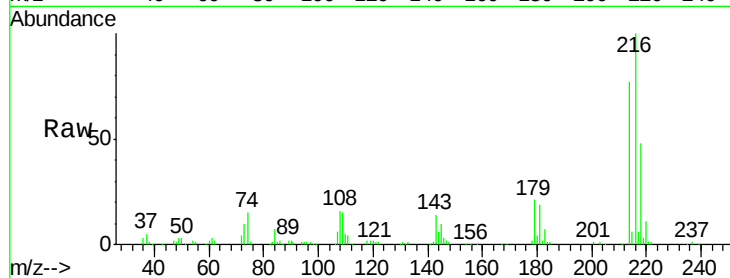
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 23.3 17.9 26.9

108 21.3 16.5 24.7

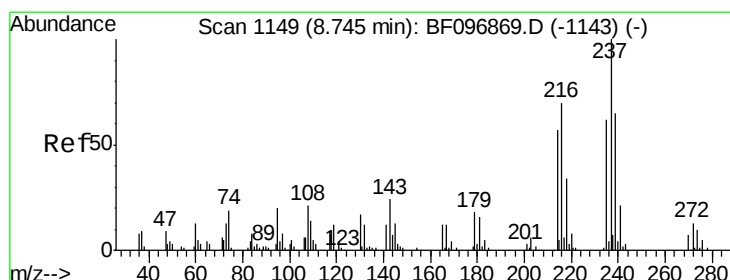
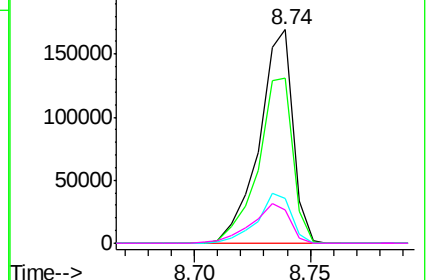
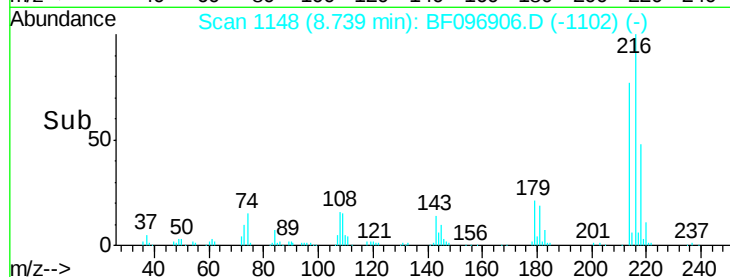


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.24 ng

RT: 8.72 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

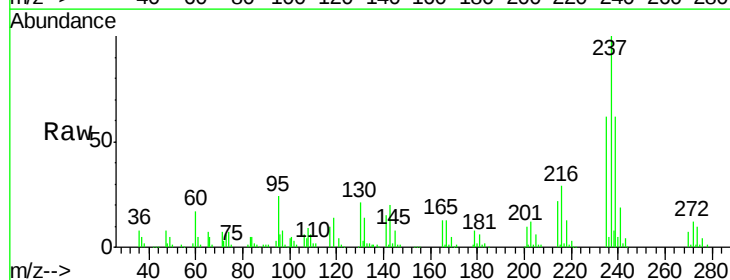
Tgt Ion:237 Resp: 142342

Ion Ratio Lower Upper

237 100

235 62.3 42.6 82.6

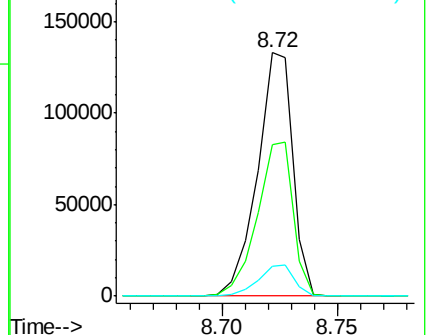
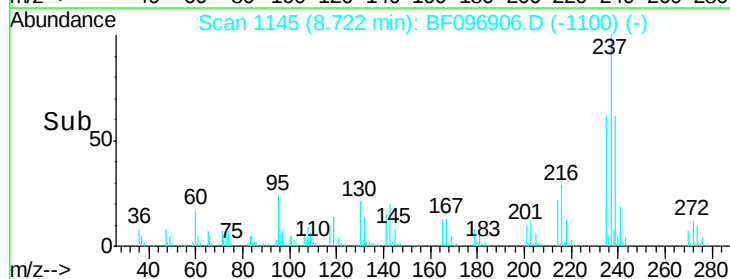
272 12.1 0.0 31.9

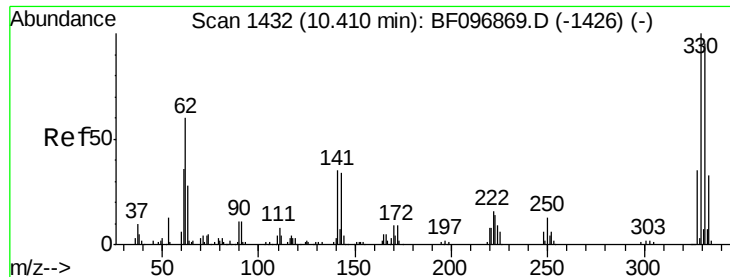


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

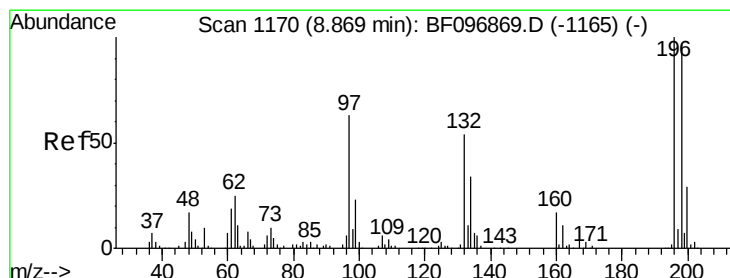
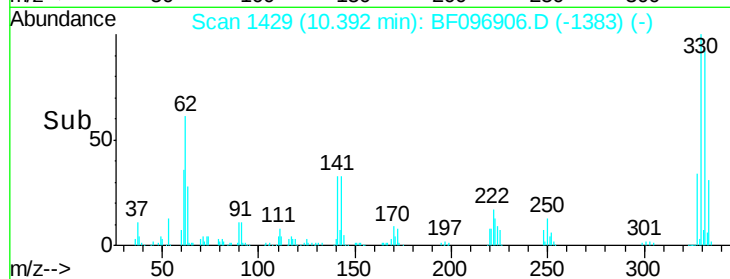
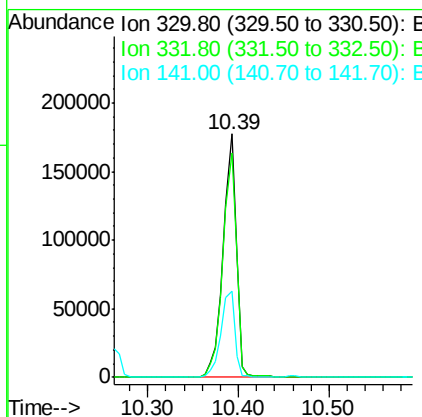
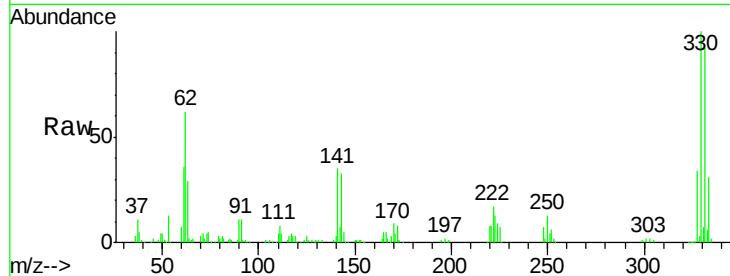




#41
 2,4,6-Tribromophenol
 Concen: 123.45 ng
 RT: 10.39 min Scan# 1429
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

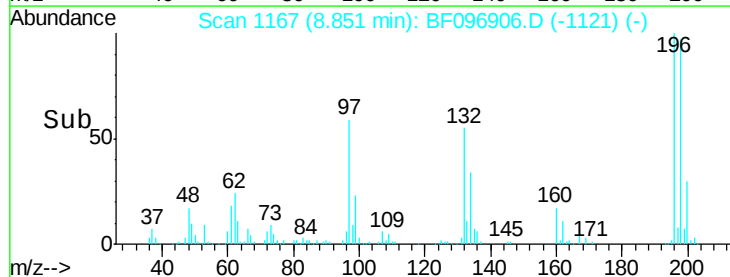
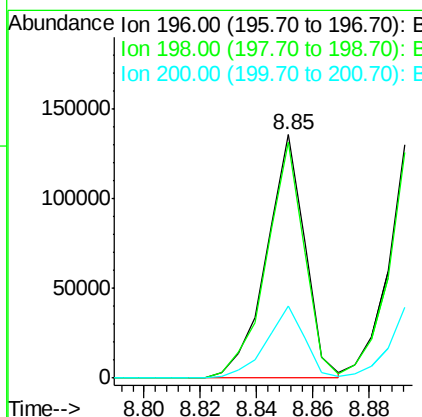
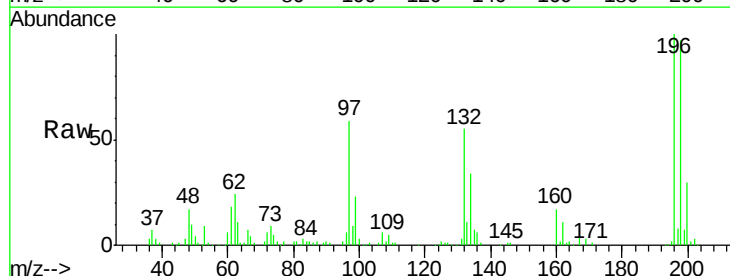
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

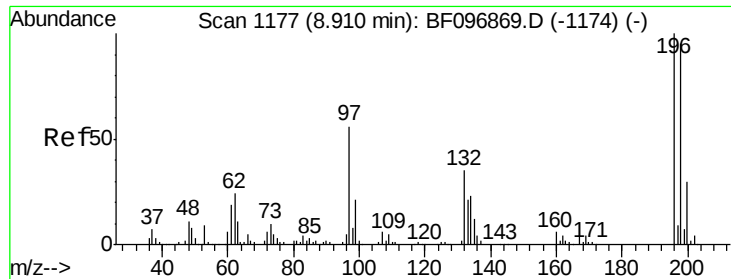
Tgt Ion:330 Resp: 179069
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 37.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.69 ng
 RT: 8.85 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:196 Resp: 127707
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.2 111.4
 200 29.8 24.0 36.0

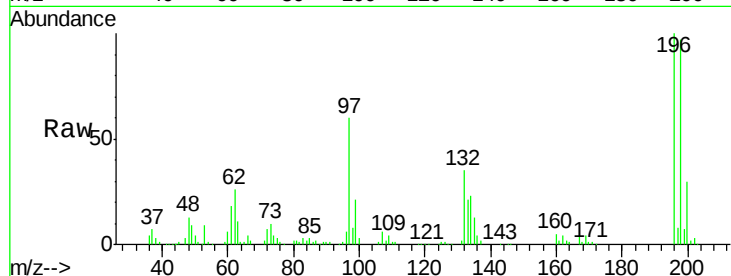




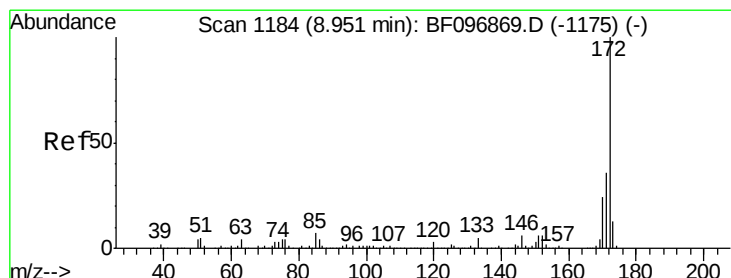
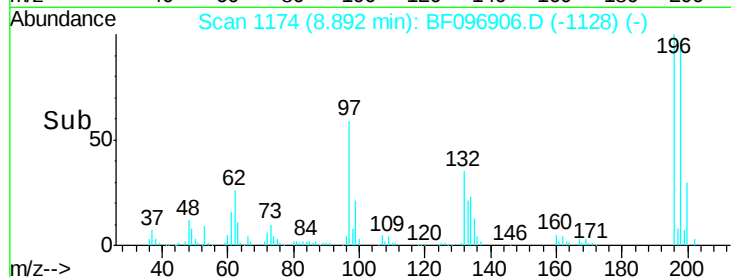
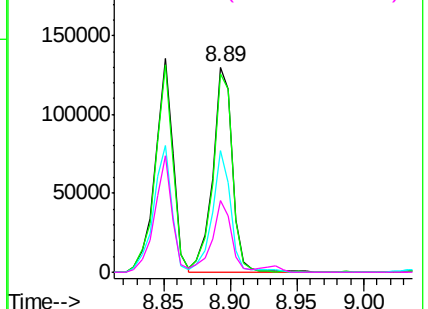
#43
 2,4,5-Trichlorophenol
 Concen: 39.52 ng
 RT: 8.89 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

Tgt Ion:196 Resp: 135055
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 97 59.7 47.7 71.5
 132 35.0 28.0 42.0

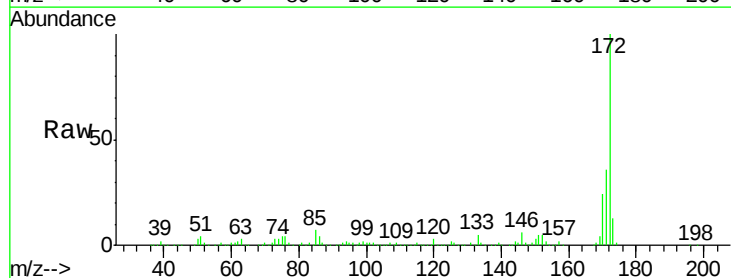


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

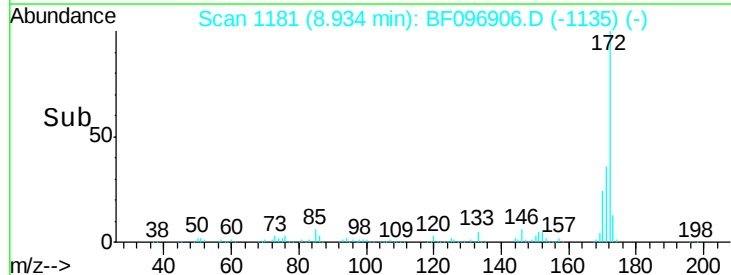
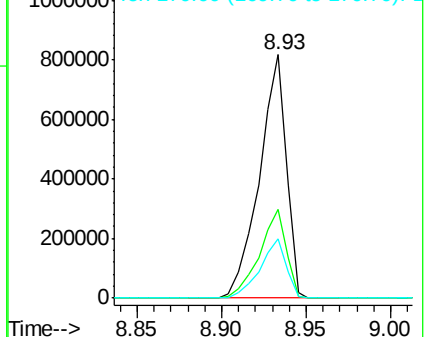


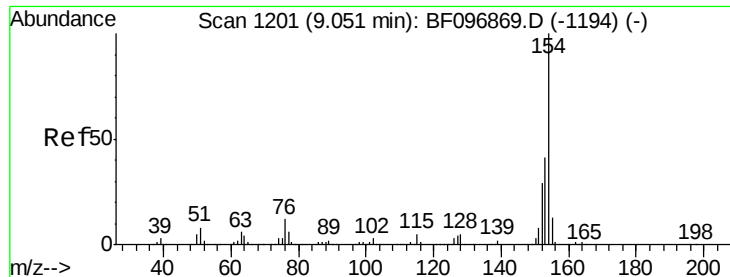
#44
 2-Fluorobiphenyl
 Concen: 83.49 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:172 Resp: 898010
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.5 19.8 29.8



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

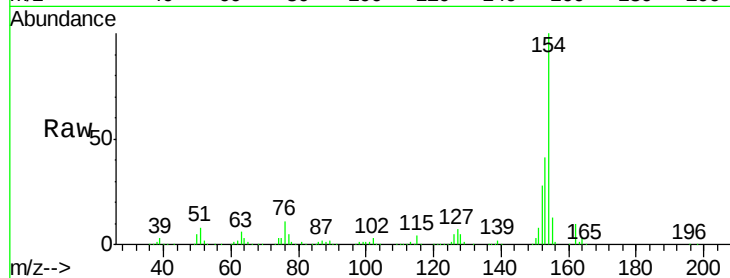




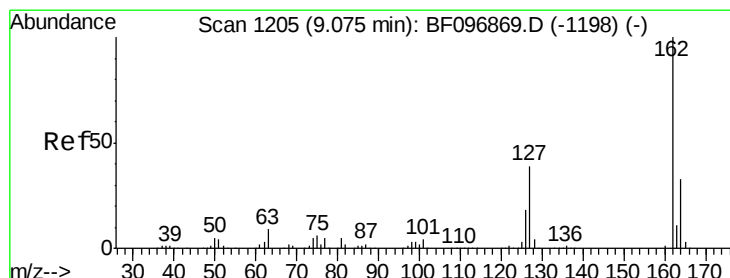
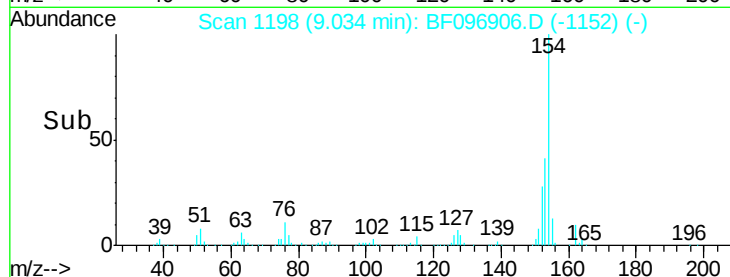
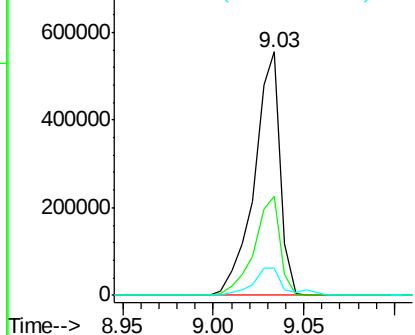
#45
 1,1'-Biphenyl
 Concen: 37.59 ng
 RT: 9.03 min Scan# 1198
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

Tgt Ion:154 Resp: 547797
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.2 61.2
 76 11.0 0.0 29.9

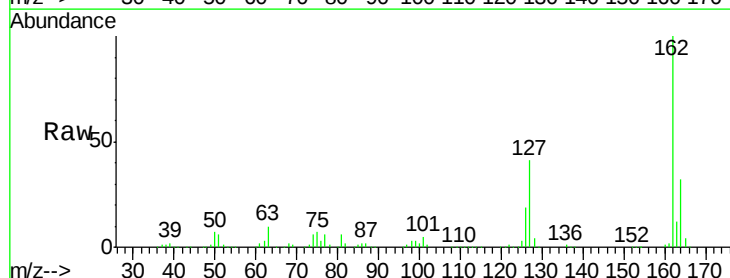


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

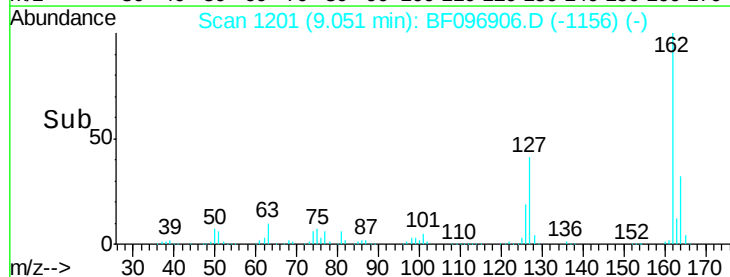
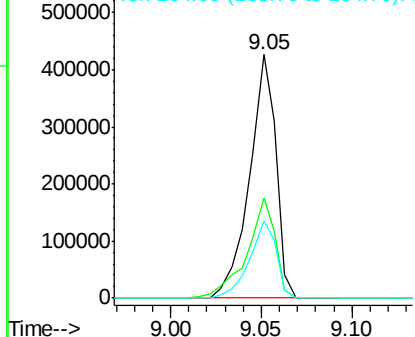


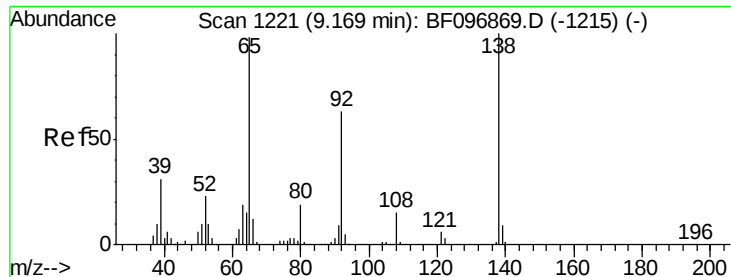
#46
 2-Chloronaphthalene
 Concen: 40.15 ng
 RT: 9.05 min Scan# 1201
 Delta R.T. -0.04 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:162 Resp: 430920
 Ion Ratio Lower Upper
 162 100
 127 41.4 28.3 42.5
 164 31.8 27.0 40.4



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

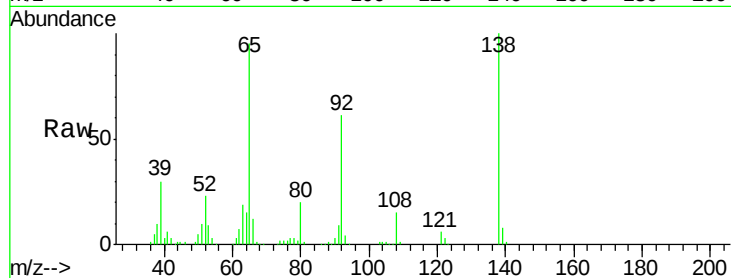




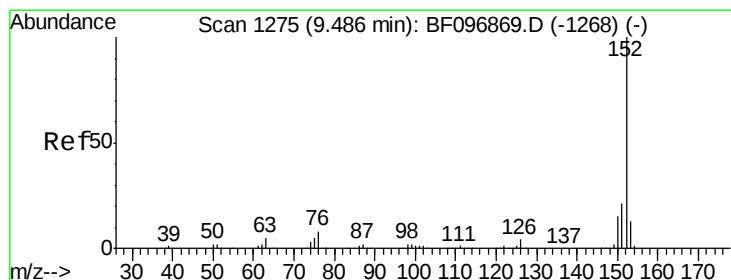
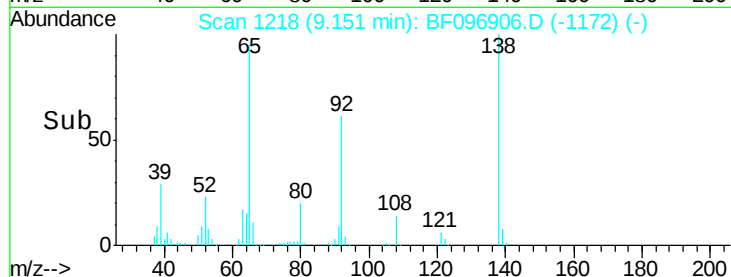
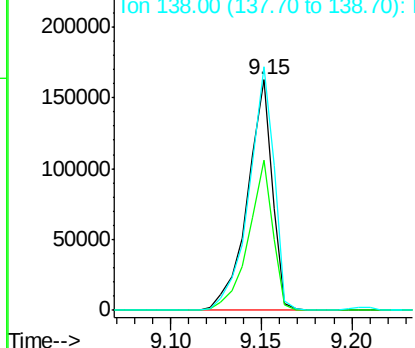
#47
2-Nitroaniline
Concen: 41.77 ng
RT: 9.15 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

Tgt Ion: 65 Resp: 154076
Ion Ratio Lower Upper
65 100
92 64.8 53.9 80.9
138 105.5 78.8 118.2

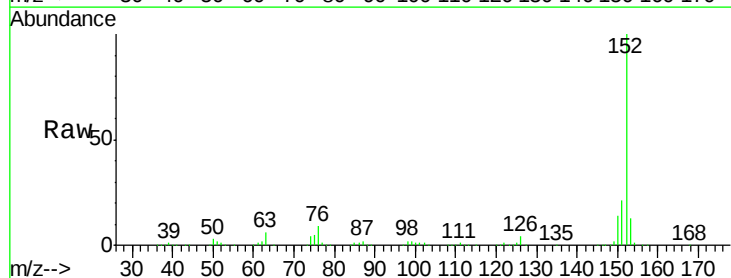


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

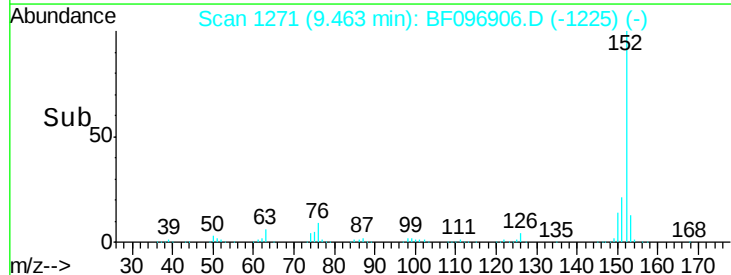
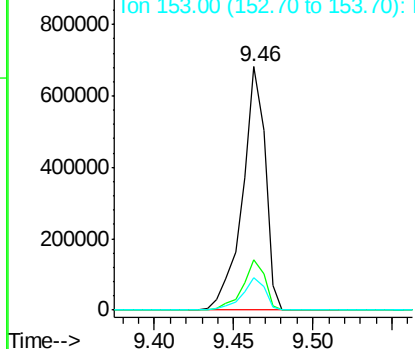


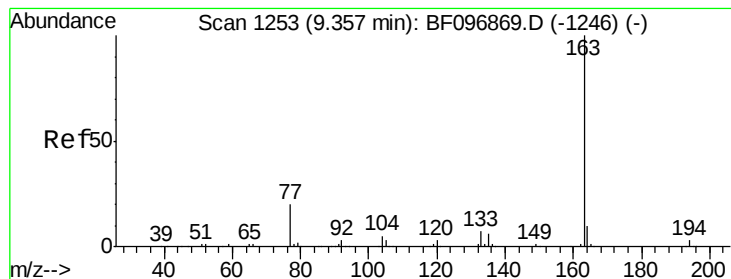
#48
Acenaphthylene
Concen: 39.47 ng
RT: 9.46 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion: 152 Resp: 674940
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.5 10.8 16.2



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





#49

Dimethylphthalate

Concen: 39.35 ng

RT: 9.34 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

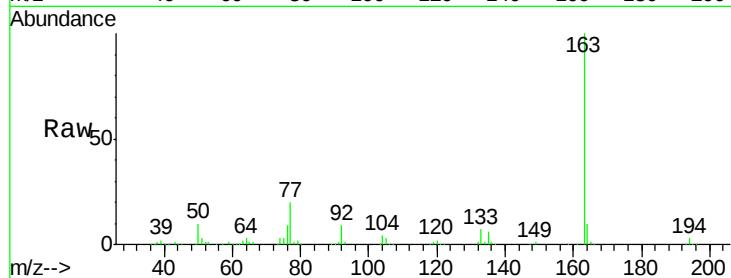
Tgt Ion:163 Resp: 503509

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

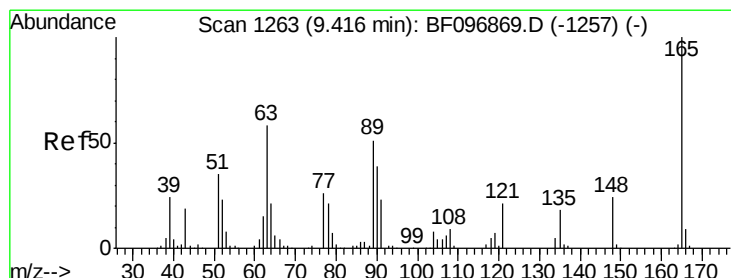
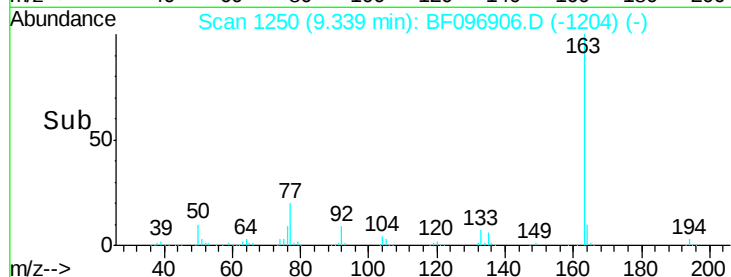
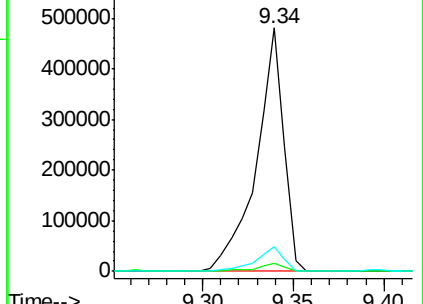
164 10.3 8.4 12.6



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: 41.34 ng

RT: 9.40 min Scan# 1260

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

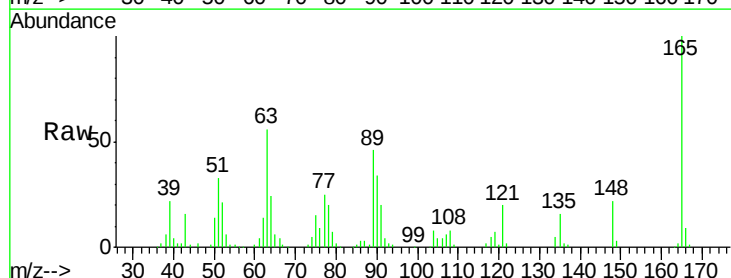
Tgt Ion:165 Resp: 114575

Ion Ratio Lower Upper

165 100

63 55.6 34.3 51.5#

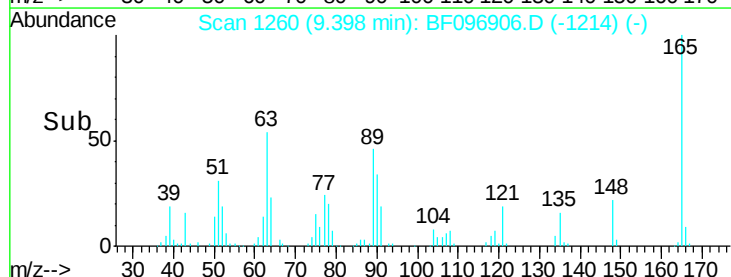
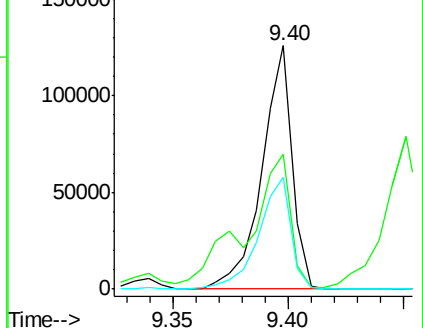
89 45.7 37.1 55.7

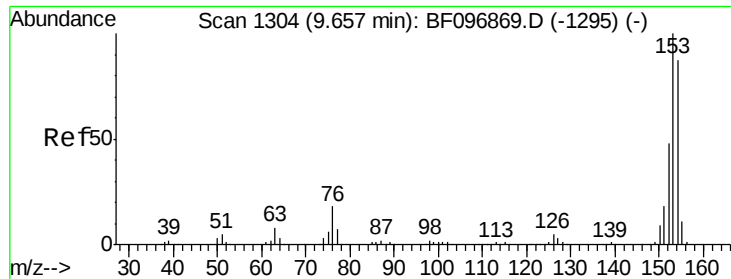


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.75 ng

RT: 9.63 min Scan# 1300

Delta R.T. -0.04 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

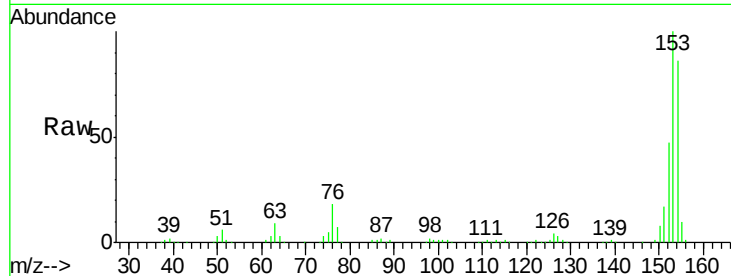
Tgt Ion:154 Resp: 391465

Ion Ratio Lower Upper

154 100

153 115.8 90.5 135.7

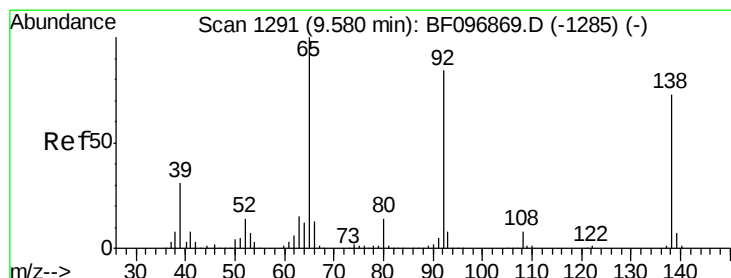
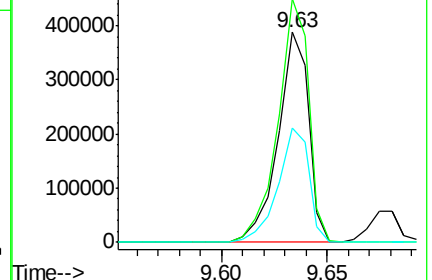
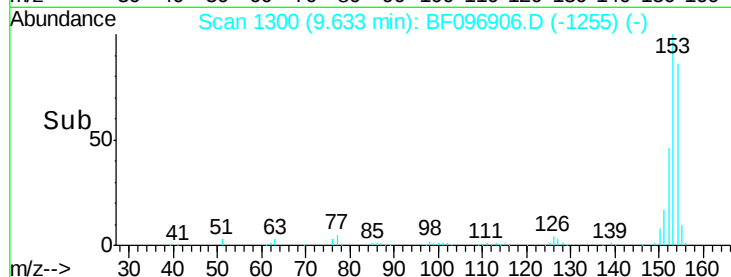
152 54.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.42 ng

RT: 9.56 min Scan# 1287

Delta R.T. -0.04 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

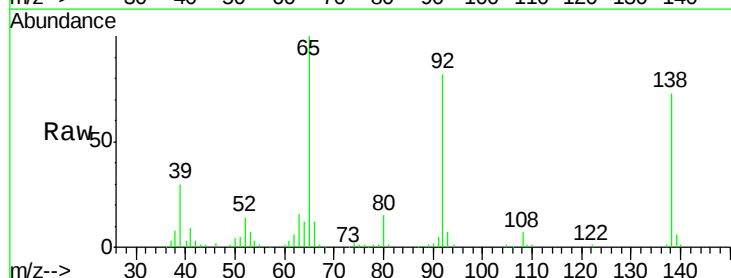
Tgt Ion:138 Resp: 93320

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

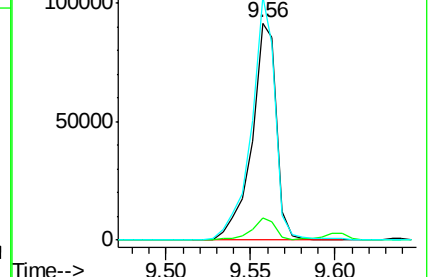
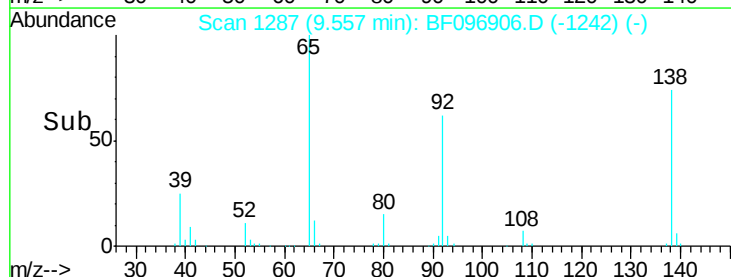
92 112.3 93.8 140.6

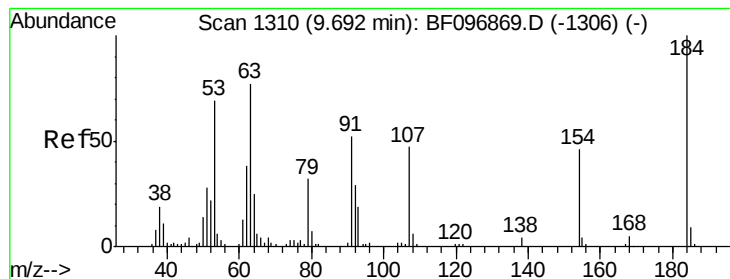


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 72.51 ng

RT: 9.68 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampled :

IDOC-S-03

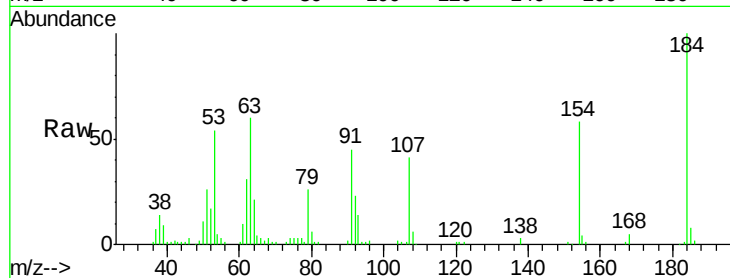
Tgt Ion:184 Resp: 98565

Ion Ratio Lower Upper

184 100

63 60.2 62.7 94.1#

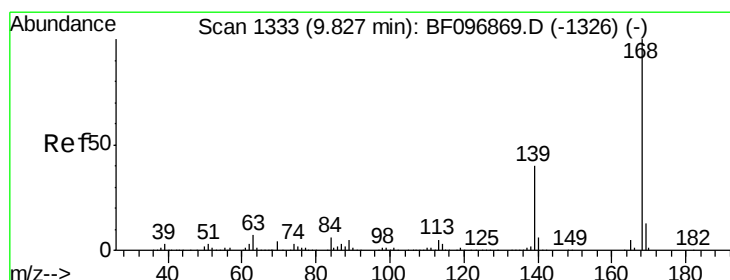
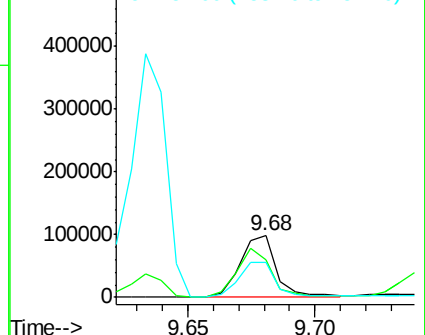
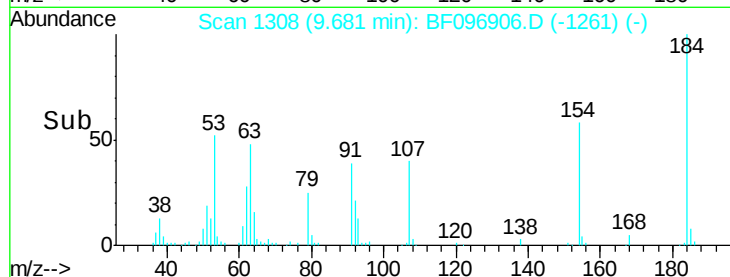
154 57.7 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.01 ng

RT: 9.81 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

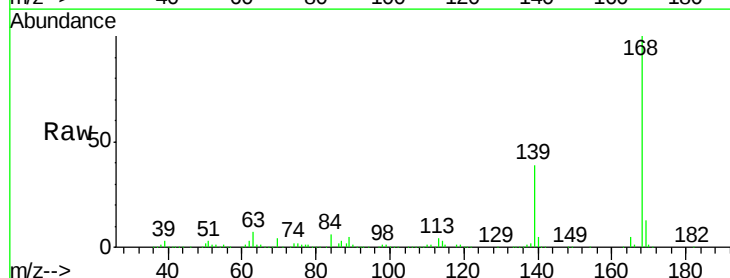
Tgt Ion:168 Resp: 580468

Ion Ratio Lower Upper

168 100

139 38.8 30.6 45.8

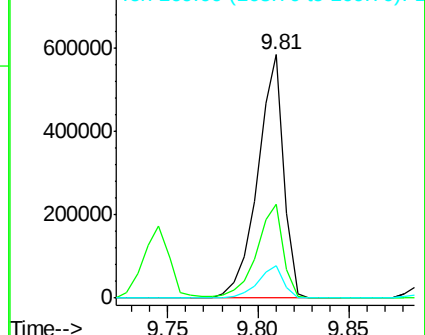
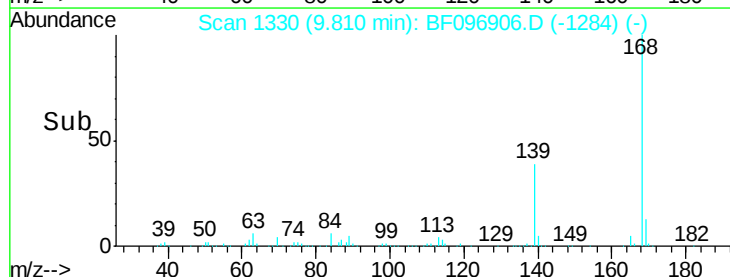
169 13.3 10.8 16.2

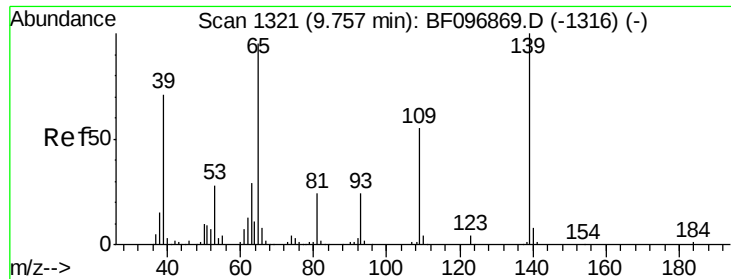


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

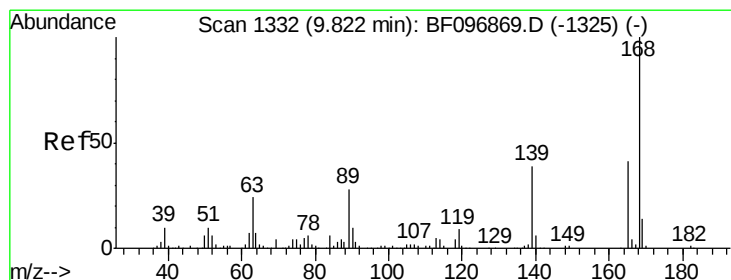
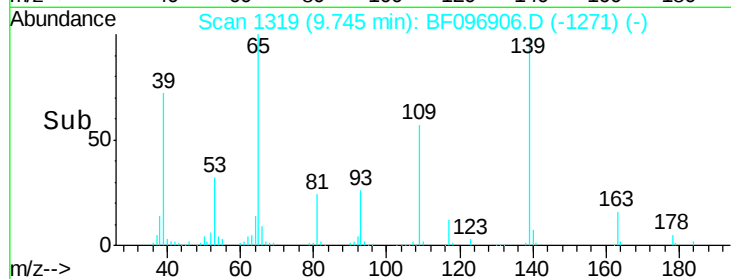
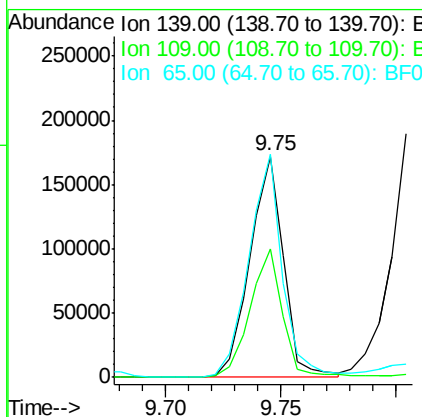
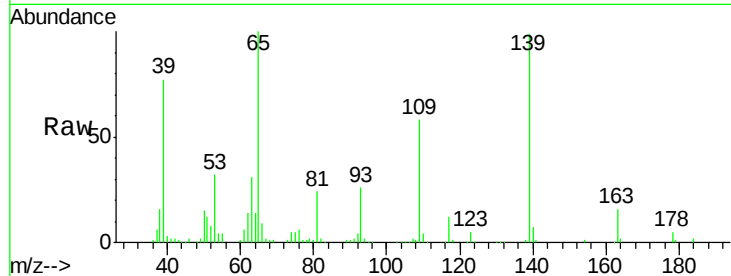




#55
4-Nitrophenol
Concen: 72.91 ng
RT: 9.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

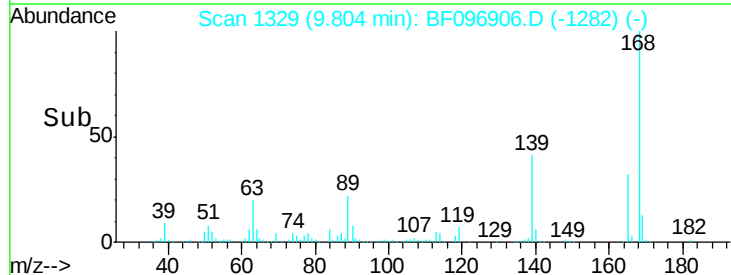
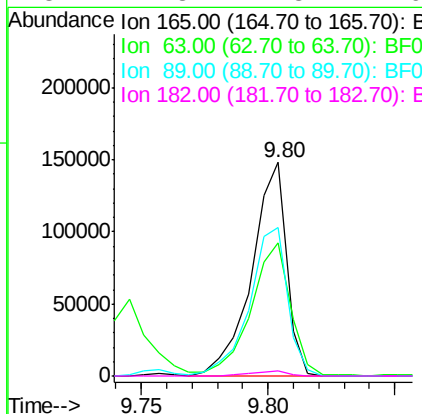
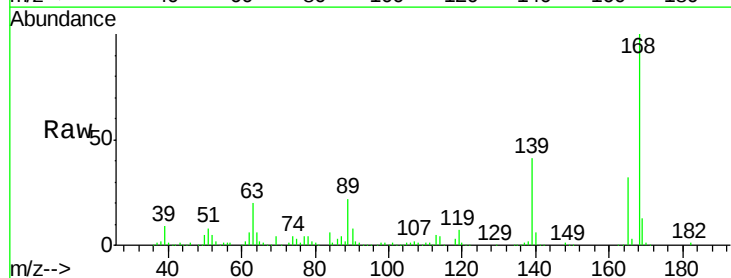
Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

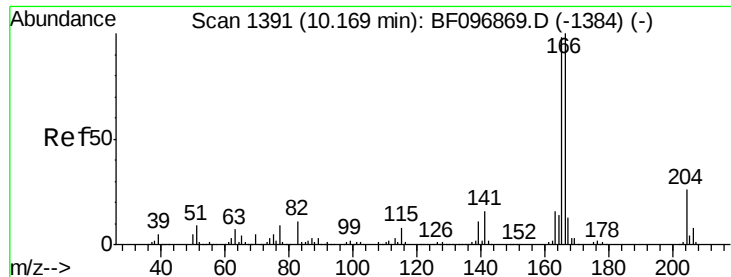
Tgt Ion:139 Resp: 174876
Ion Ratio Lower Upper
139 100
109 58.3 34.1 74.1
65 100.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 40.00 ng
RT: 9.80 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion:165 Resp: 142461
Ion Ratio Lower Upper
165 100
63 62.4 25.4 38.0#
89 69.6 46.4 69.6#
182 2.3 1.8 2.6

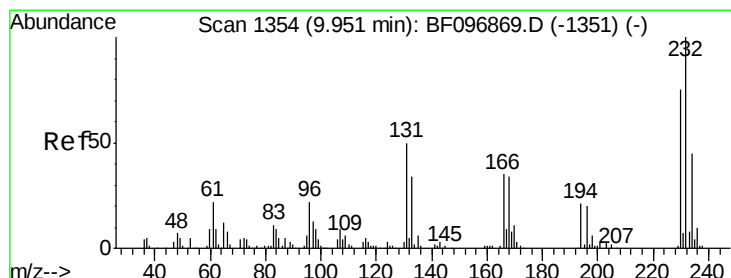
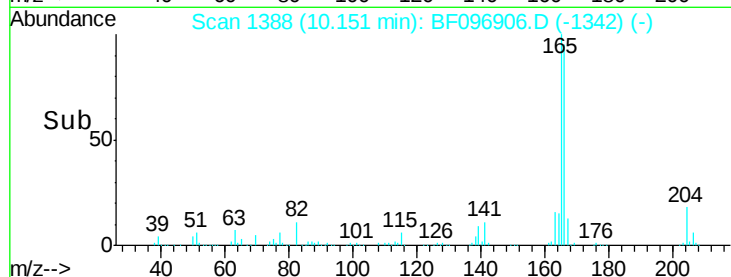
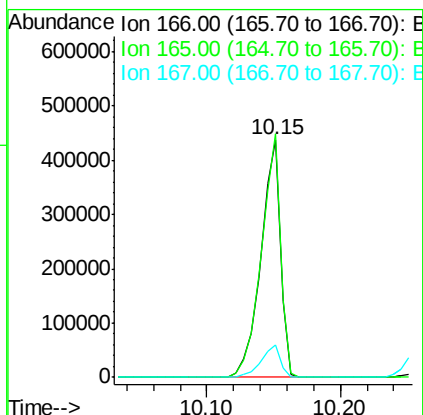
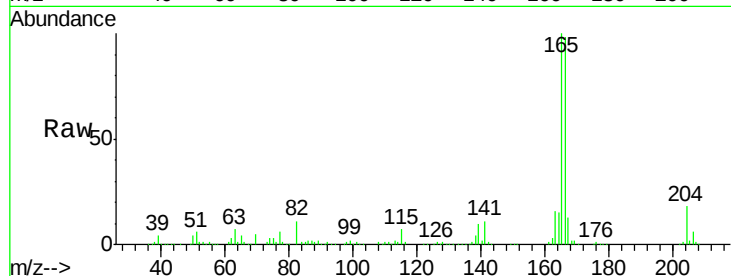




#57
 Fluorene
 Concen: 42.08 ng
 RT: 10.15 min Scan# 1388
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

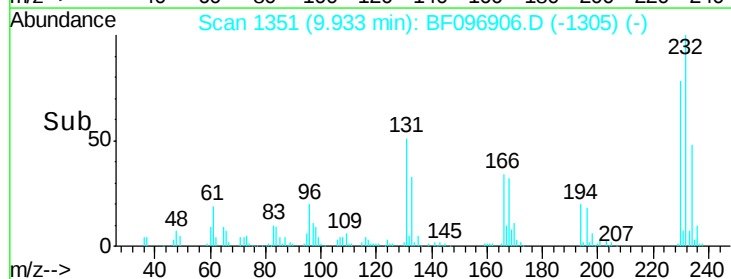
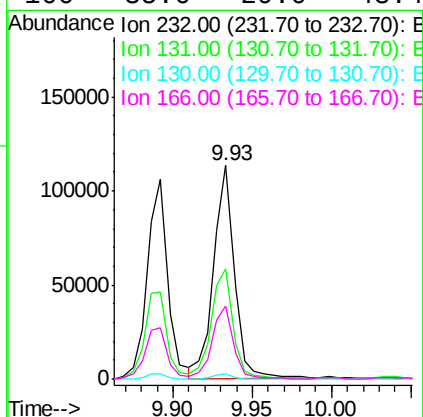
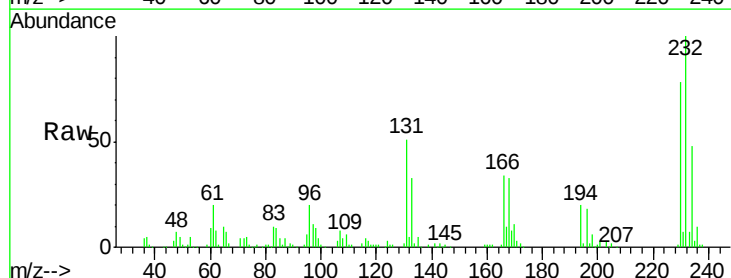
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

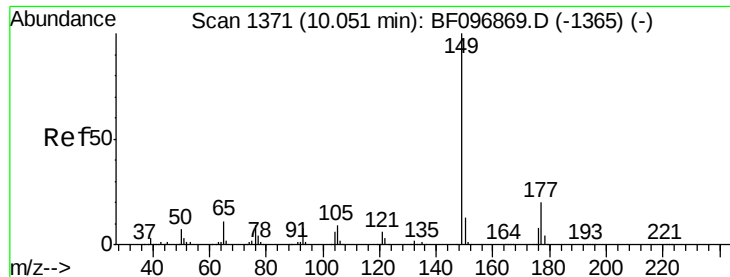
Tgt Ion:166 Resp: 440142
 Ion Ratio Lower Upper
 166 100
 165 102.5 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.87 ng
 RT: 9.93 min Scan# 1351
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:232 Resp: 103967
 Ion Ratio Lower Upper
 232 100
 131 54.9 44.8 67.2
 130 2.4 2.3 3.5
 166 35.6 29.0 43.4





#59

Diethylphthalate

Concen: 39.50 ng

RT: 10.03 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

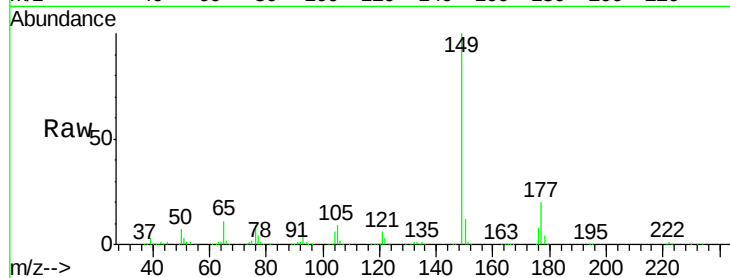
Tgt Ion:149 Resp: 491977

Ion Ratio Lower Upper

149 100

177 20.2 16.7 25.1

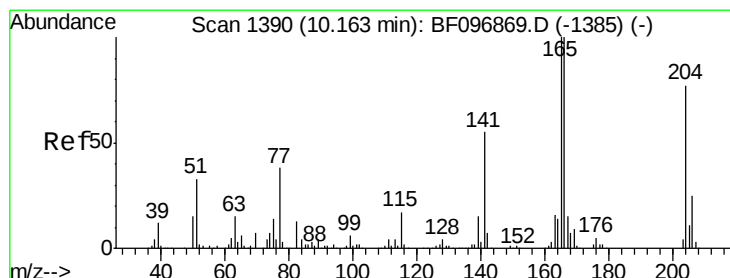
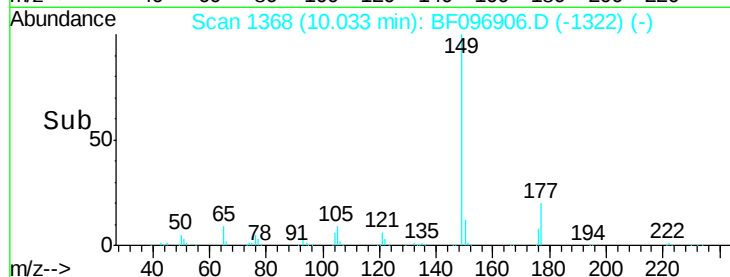
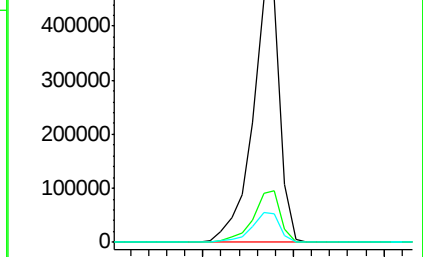
150 12.4 10.2 15.2



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: 41.42 ng

RT: 10.15 min Scan# 1387

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

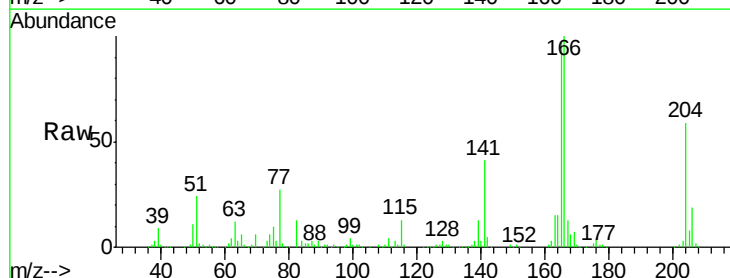
Tgt Ion:204 Resp: 183325

Ion Ratio Lower Upper

204 100

206 32.2 26.2 39.2

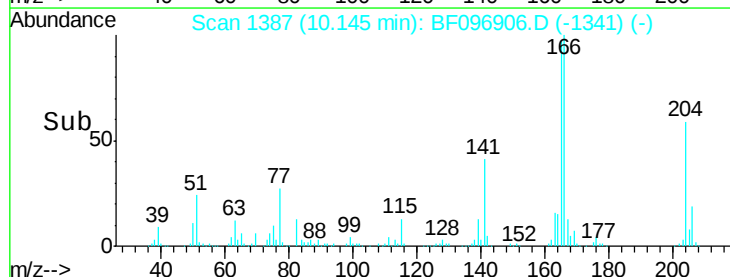
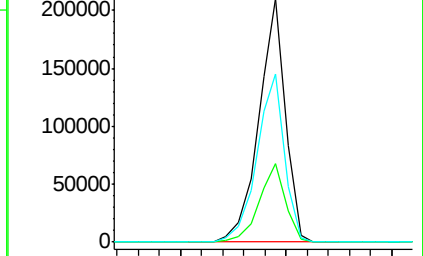
141 68.9 60.8 91.2

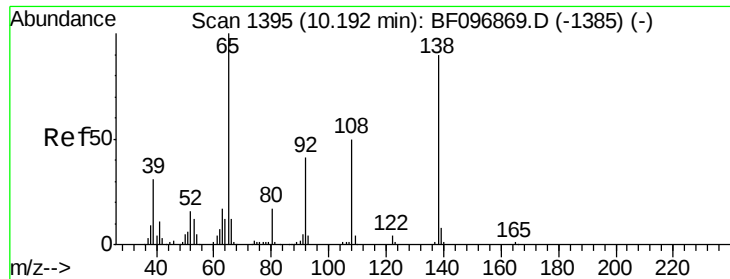


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

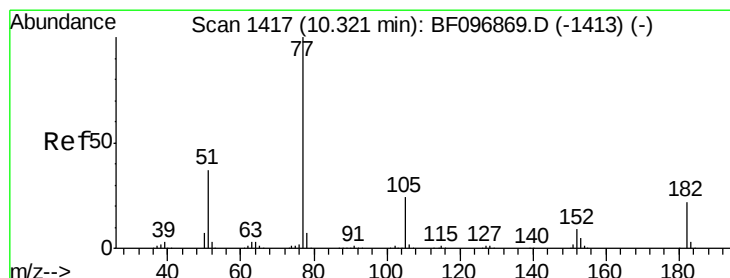
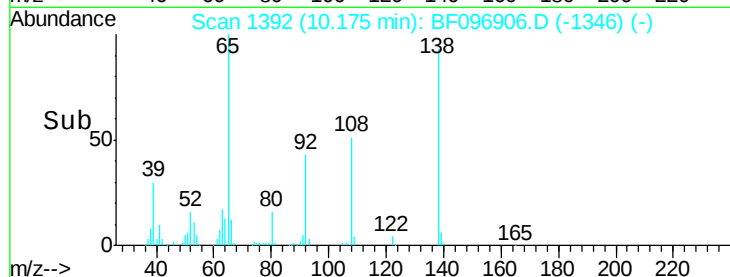
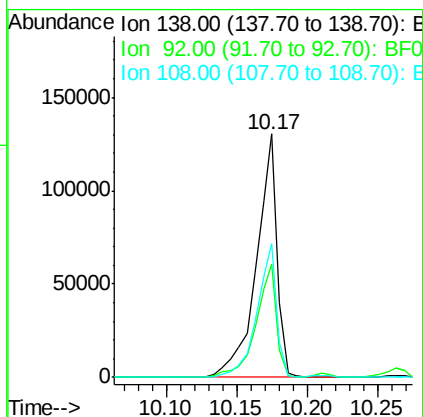
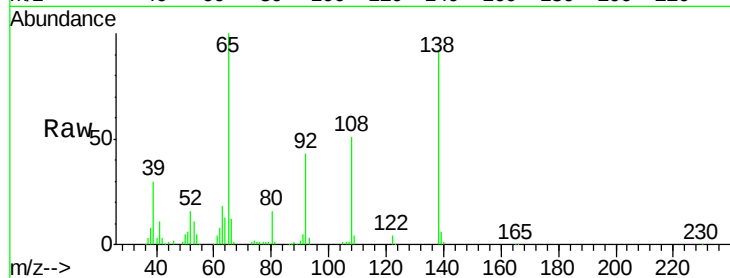




#61
4-Nitroaniline
Concen: 43.77 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

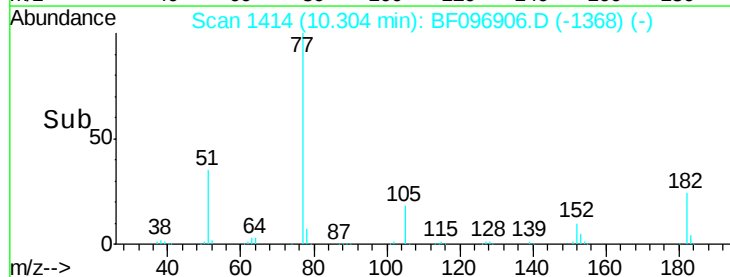
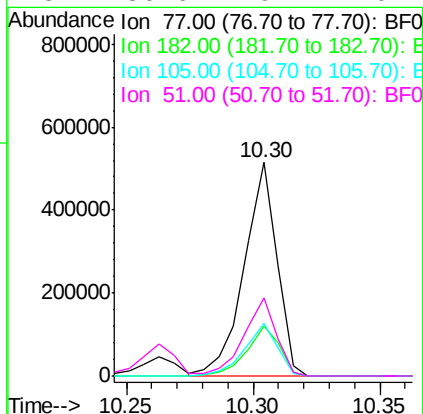
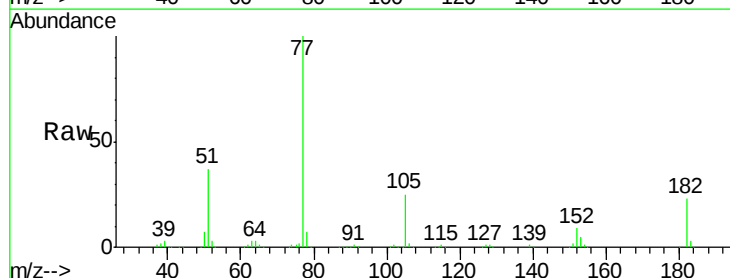
Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

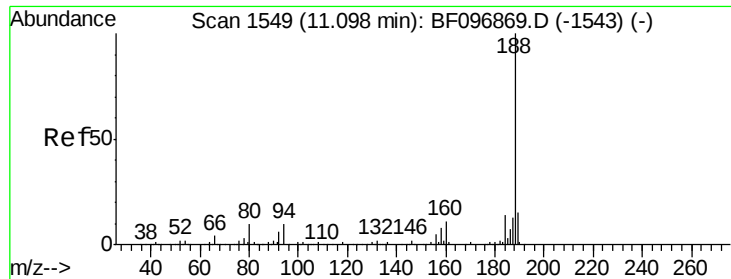
Tgt Ion:138 Resp: 134950
Ion Ratio Lower Upper
138 100
92 46.2 21.8 61.8
108 54.9 42.3 82.3



#62
Azobenzene
Concen: 42.27 ng
RT: 10.30 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion: 77 Resp: 464524
Ion Ratio Lower Upper
77 100
182 23.2 0.1 40.1
105 24.6 3.6 43.6
51 36.6 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

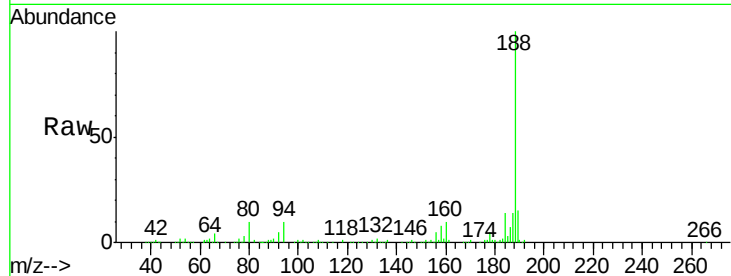
Tgt Ion:188 Resp: 294726

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

80 9.6 10.2 15.2#



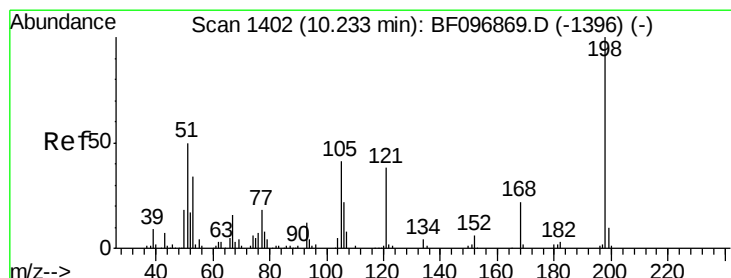
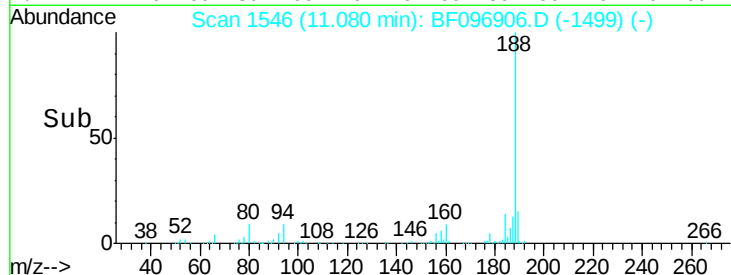
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.08

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 40.23 ng

RT: 10.22 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

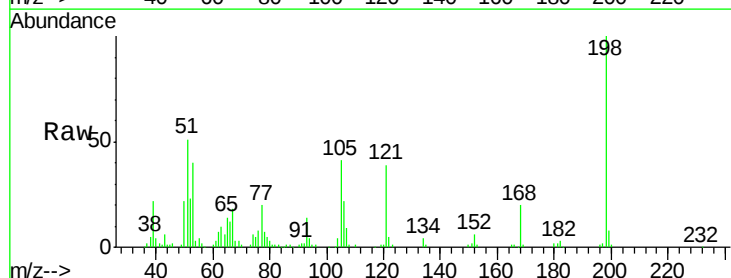
Tgt Ion:198 Resp: 74439

Ion Ratio Lower Upper

198 100

51 51.4 53.2 93.2#

105 41.4 45.8 85.8#



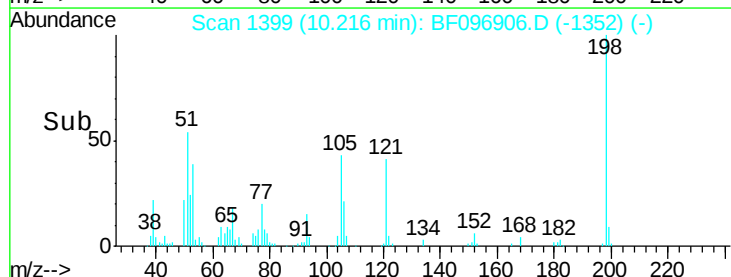
Abundance Ion 198.00 (197.70 to 198.70): E

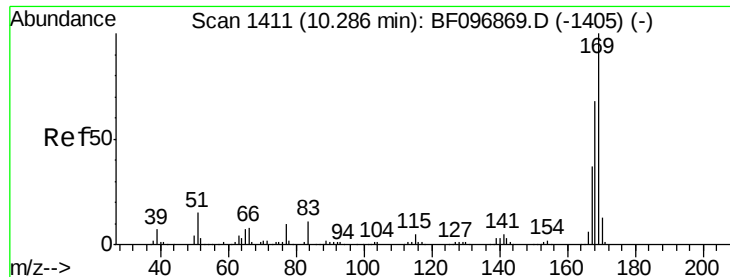
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.22

Time-->

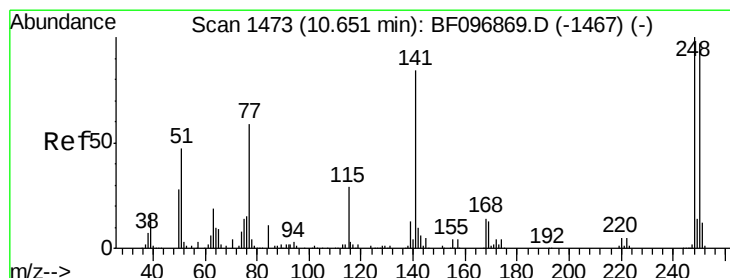
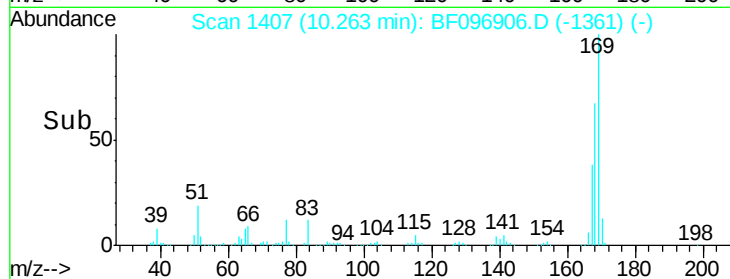
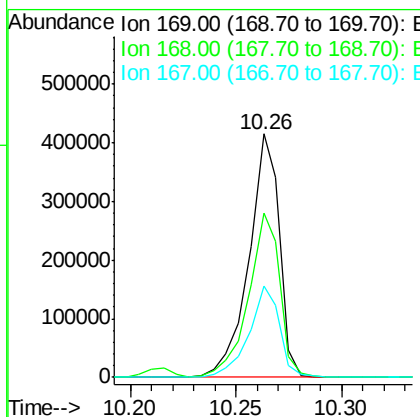
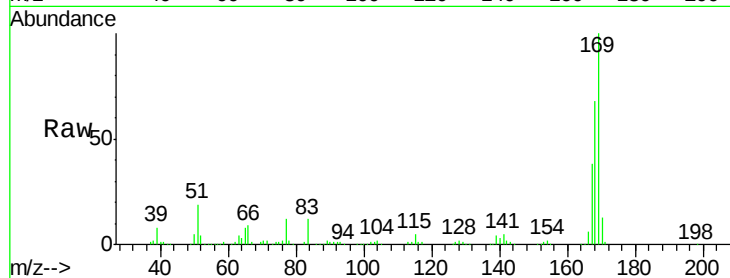




#65
 n-Nitrosodiphenylamine
 Concen: 39.53 ng
 RT: 10.26 min Scan# 1407
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

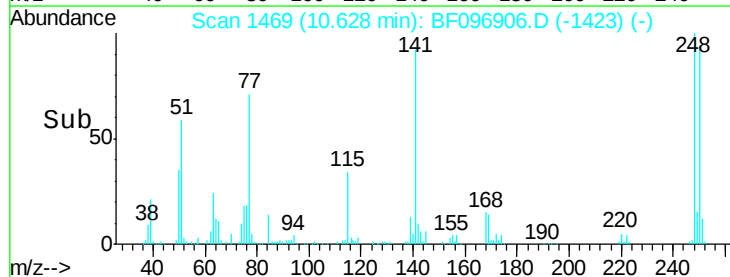
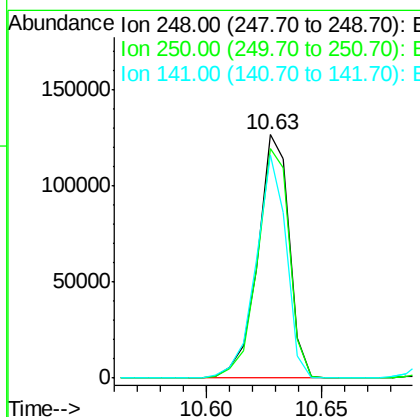
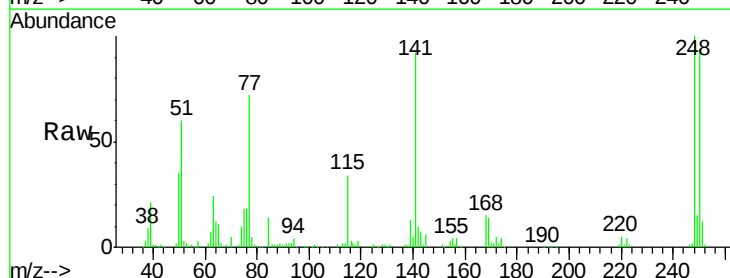
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

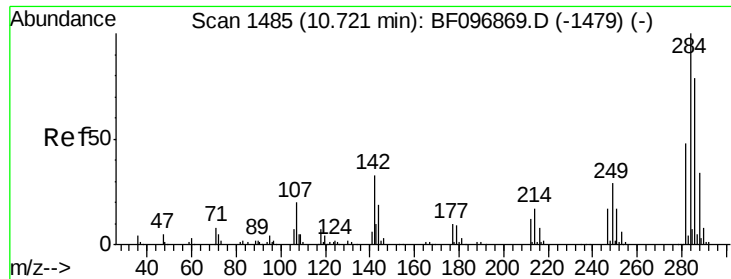
Tgt Ion:169 Resp: 416477
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.2 79.8
 167 37.6 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.15 ng
 RT: 10.63 min Scan# 1469
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:248 Resp: 120821
 Ion Ratio Lower Upper
 248 100
 250 94.1 76.8 115.2
 141 91.6 68.6 103.0

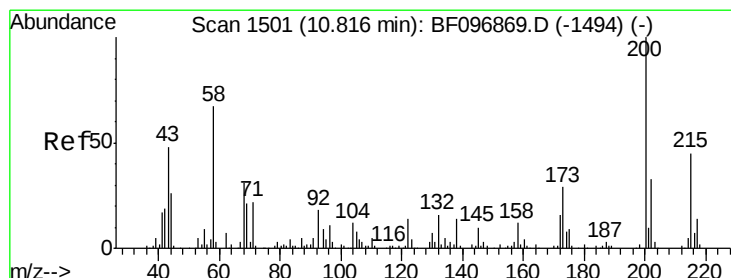
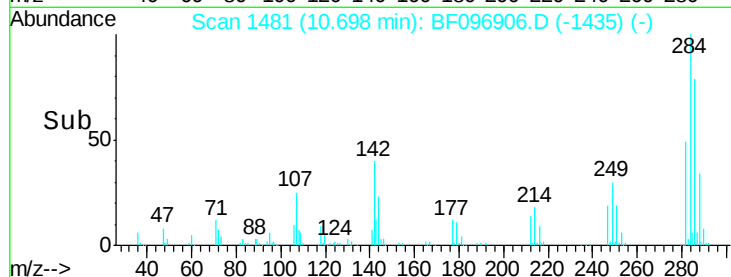
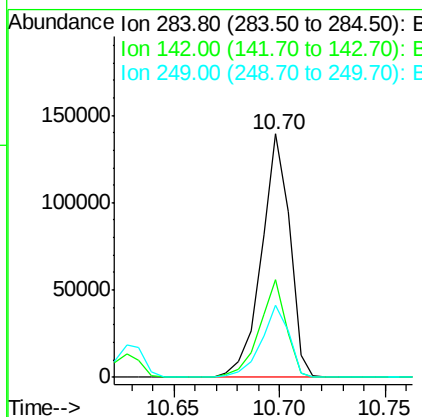
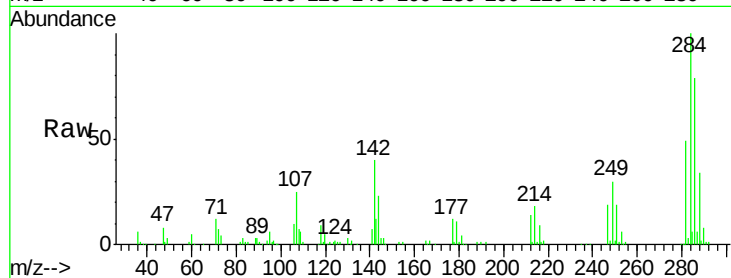




#67
Hexachlorobenzene
Concen: 38.73 ng
RT: 10.70 min Scan# 1481
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

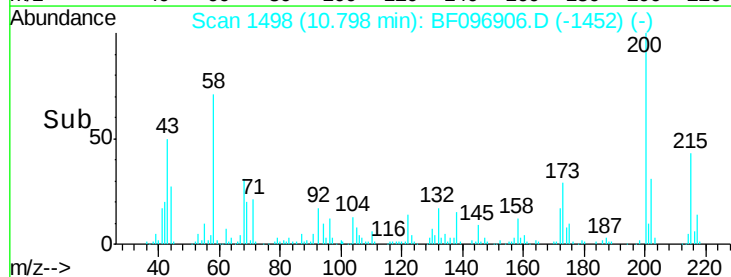
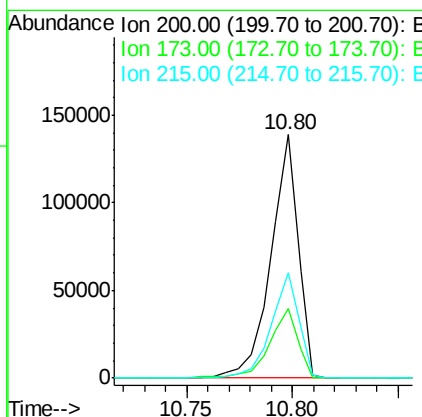
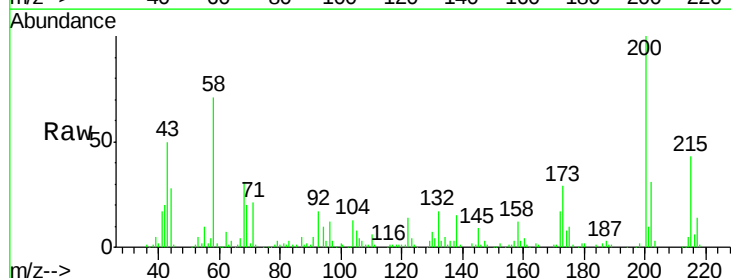
Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

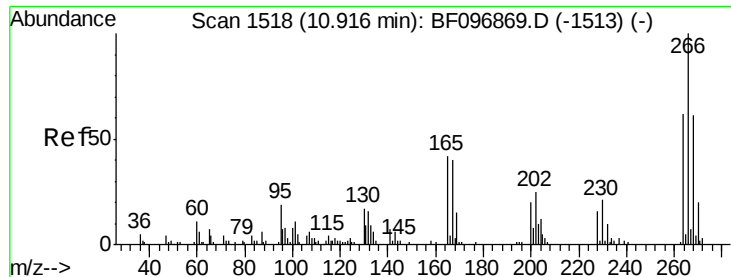
Tgt Ion:284 Resp: 129797
Ion Ratio Lower Upper
284 100
142 40.2 22.8 34.2#
249 29.8 24.0 36.0



#68
Atrazine
Concen: 41.60 ng
RT: 10.80 min Scan# 1498
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion:200 Resp: 124858
Ion Ratio Lower Upper
200 100
173 28.6 6.3 46.3
215 43.4 27.2 67.2

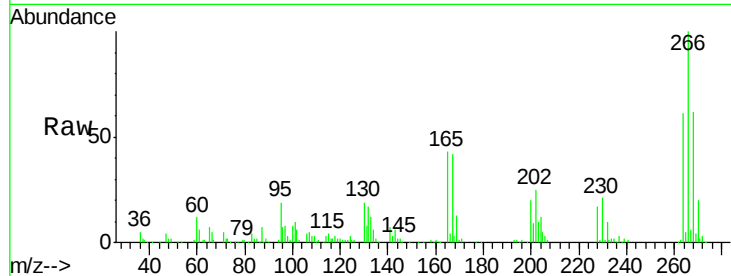




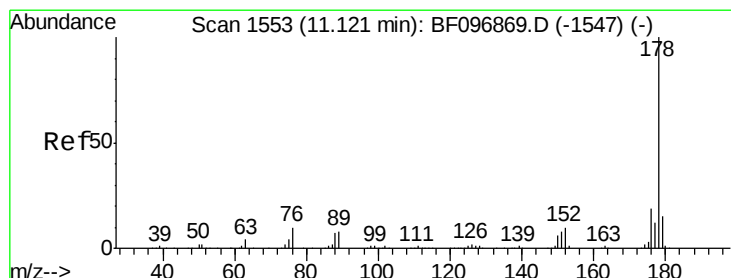
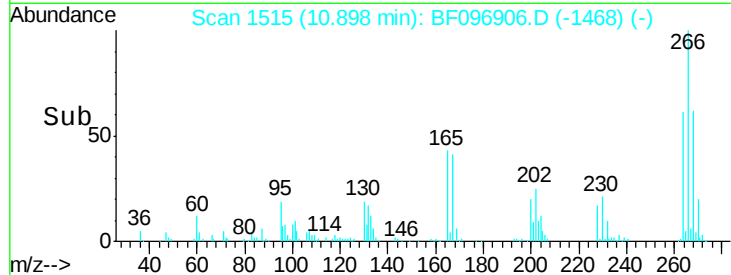
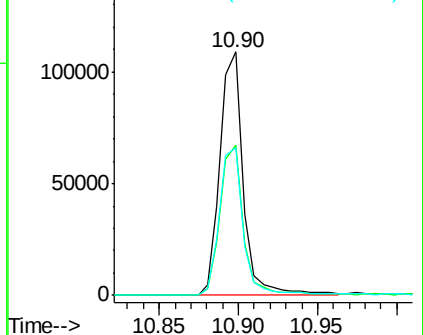
#69
 Pentachlorophenol
 Concen: 68.77 ng
 RT: 10.90 min Scan# 1515
 Delta R.T. -0.02 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

Tgt Ion:266 Resp: 111343
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.1 76.7
 264 60.6 51.7 77.5

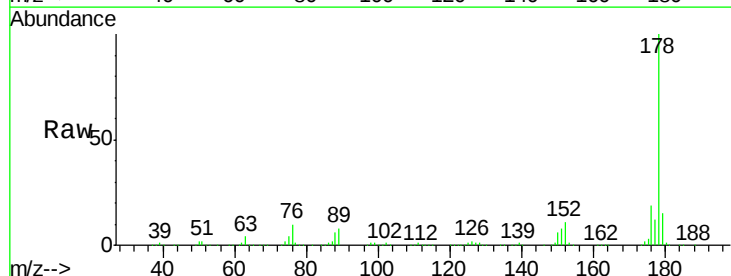


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

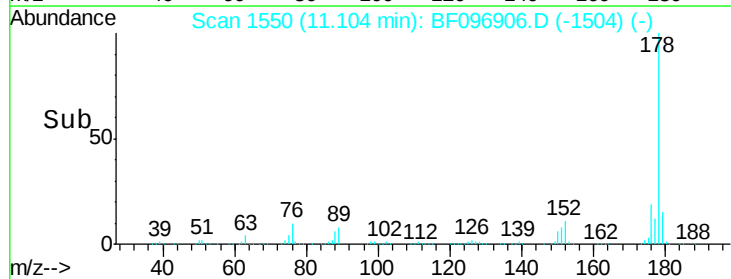
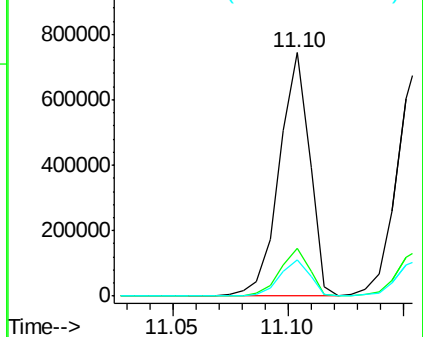


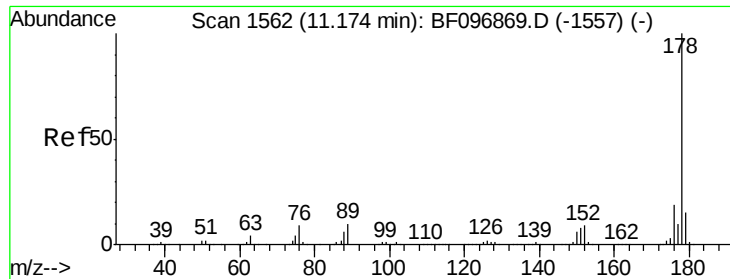
#70
 Phenanthrene
 Concen: 42.07 ng
 RT: 11.10 min Scan# 1550
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:178 Resp: 674150
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.1 12.6 19.0



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

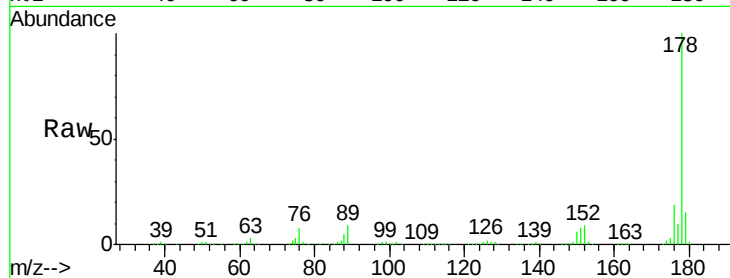




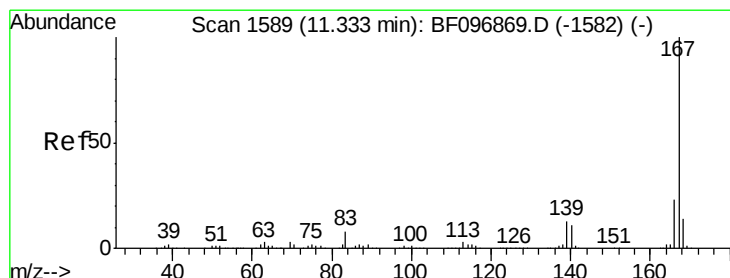
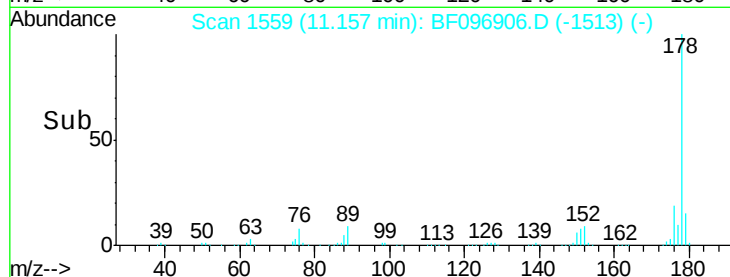
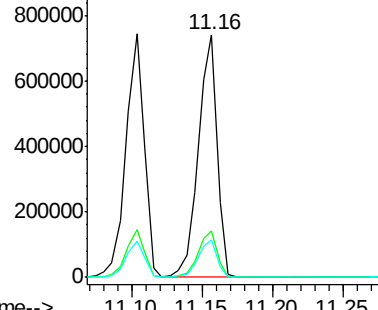
#71
 Anthracene
 Concen: 42.25 ng
 RT: 11.16 min Scan# 1559
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

Tgt Ion:178 Resp: 684577
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.3 12.7 19.1

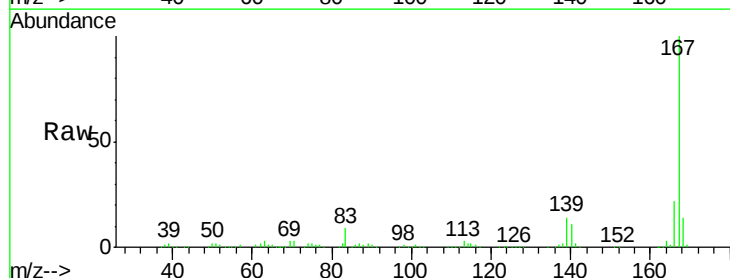


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

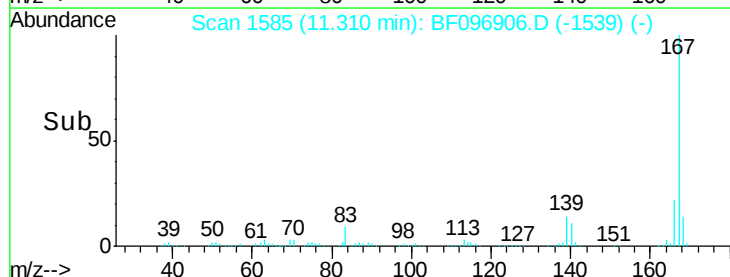
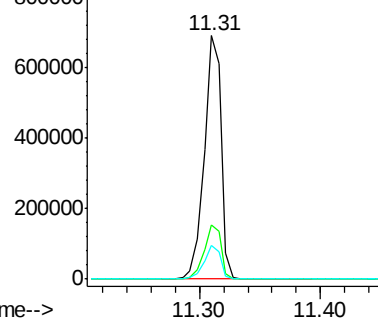


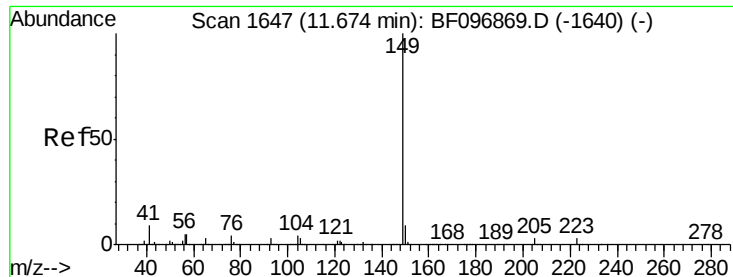
#72
 Carbazole
 Concen: 42.77 ng
 RT: 11.31 min Scan# 1585
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:167 Resp: 671051
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.9 11.7 17.5



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: 39.88 ng

RT: 11.65 min Scan# 1643

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

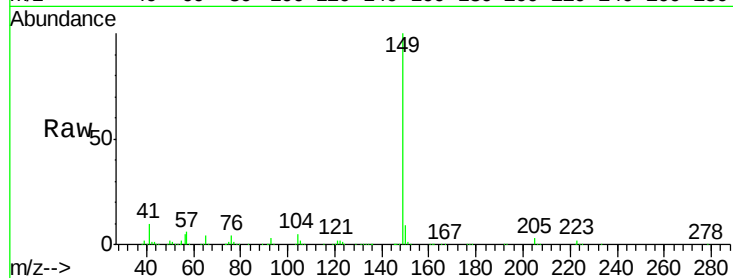
Tgt Ion:149 Resp: 779313

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

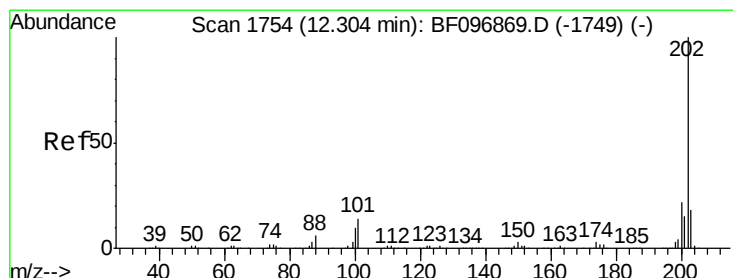
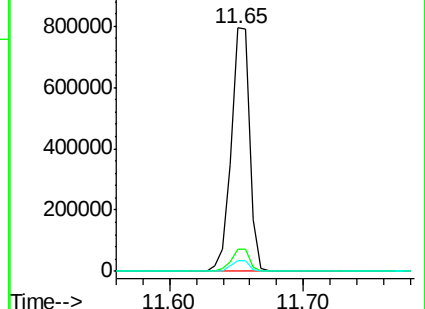
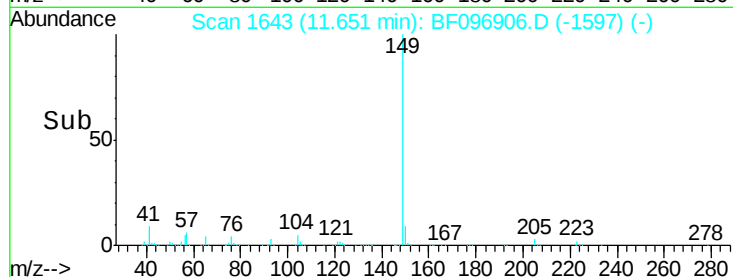
104 4.6 4.0 6.0



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: 49.54 ng

RT: 12.29 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

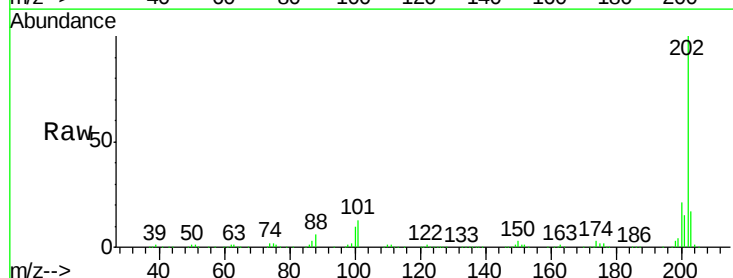
Tgt Ion:202 Resp: 759872

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

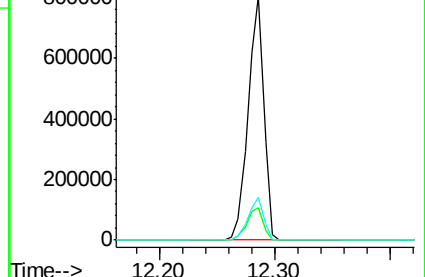
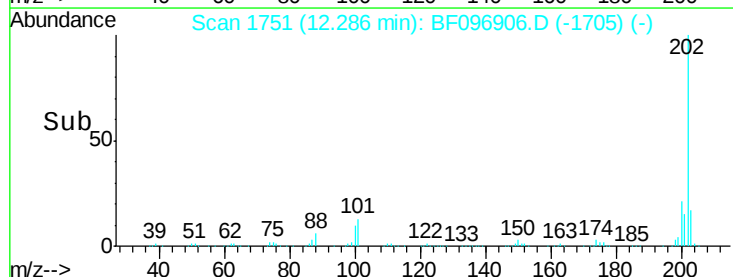
203 17.3 0.0 38.1

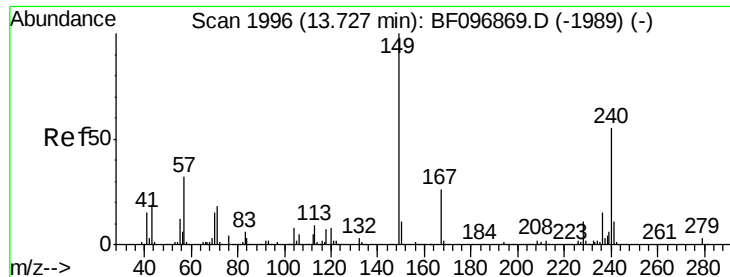


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

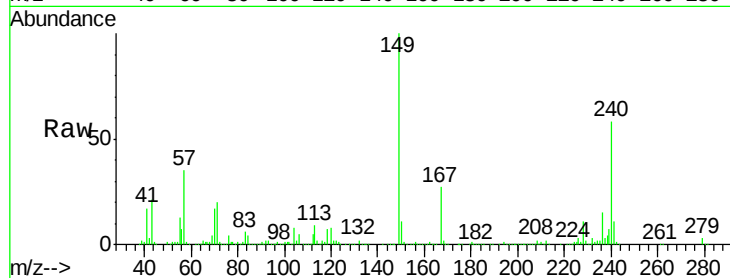
Tgt Ion:240 Resp: 229833

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

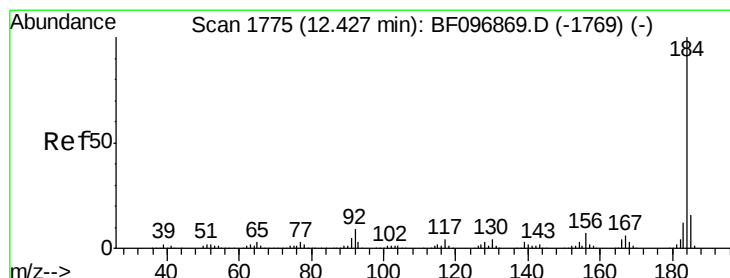
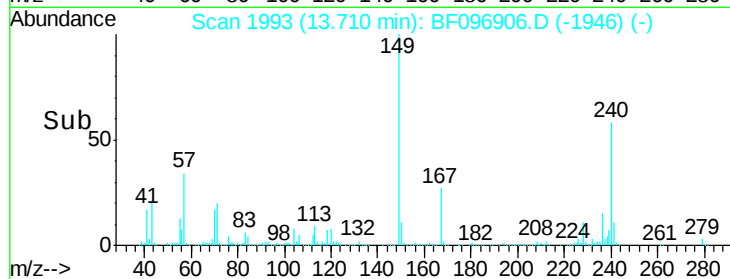
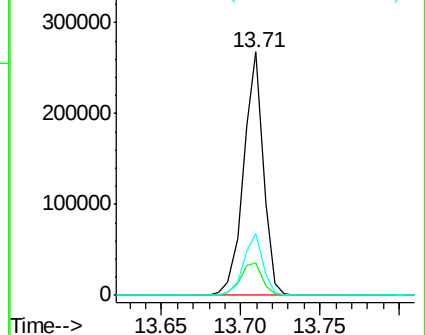
236 25.2 20.5 30.7



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: 41.37 ng

RT: 12.41 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

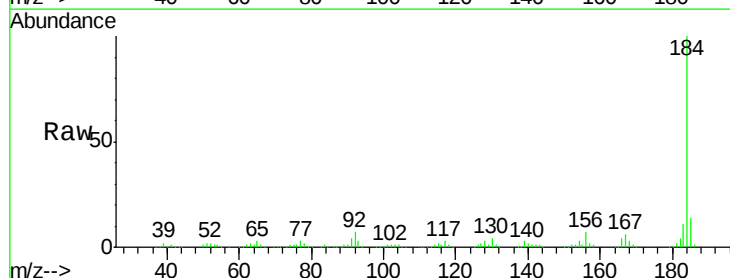
Tgt Ion:184 Resp: 311528

Ion Ratio Lower Upper

184 100

185 13.5 15.5 23.3#

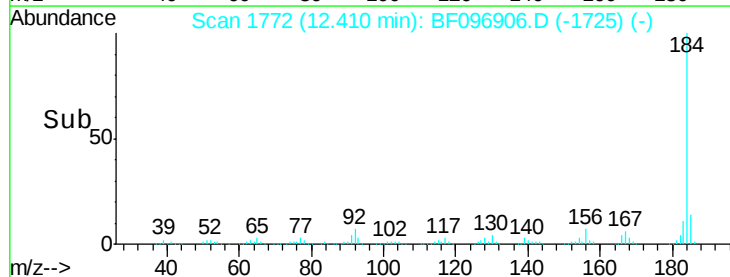
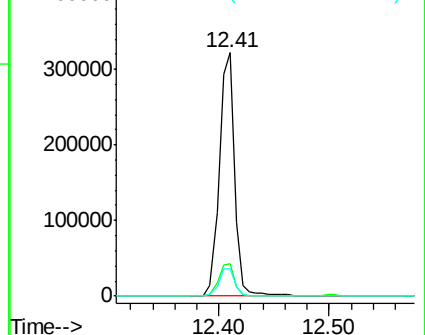
183 11.4 9.8 14.6

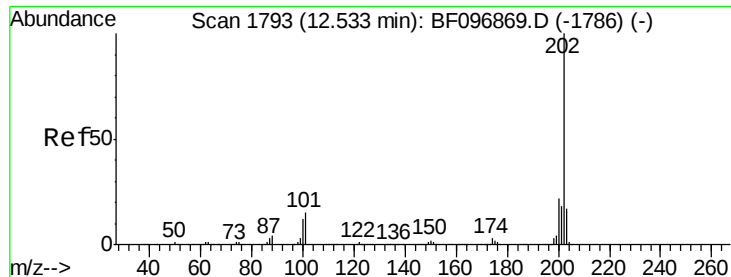


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

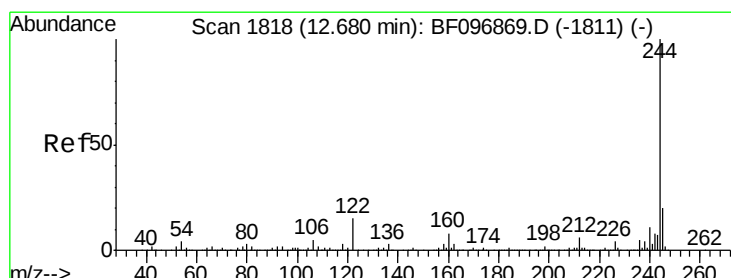
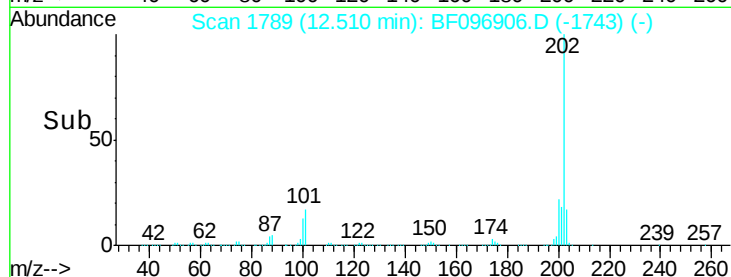
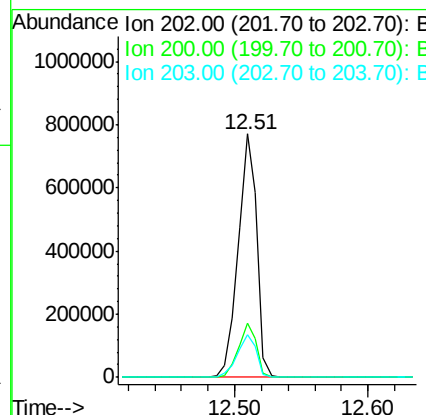
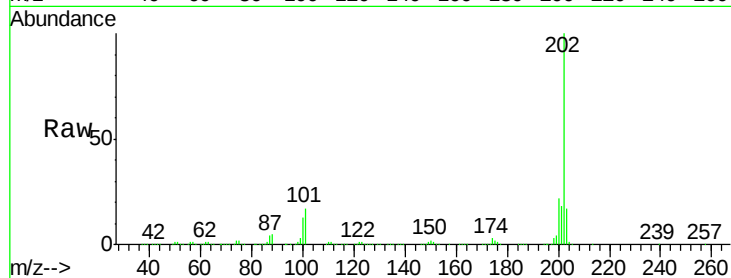




#77
 Pyrene
 Concen: 36.18 ng
 RT: 12.51 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

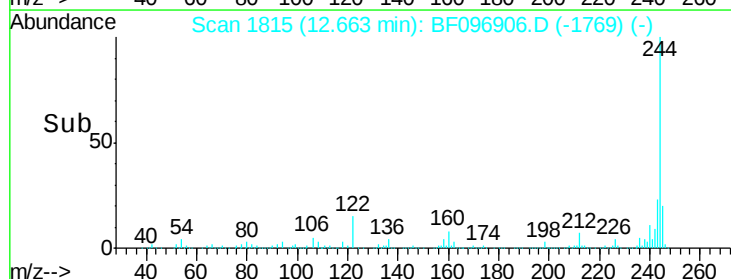
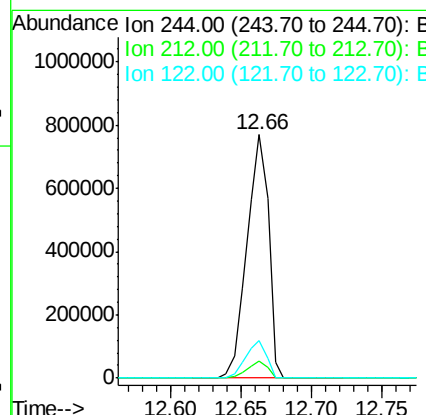
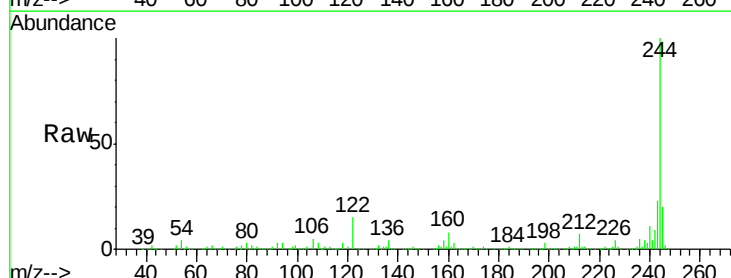
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

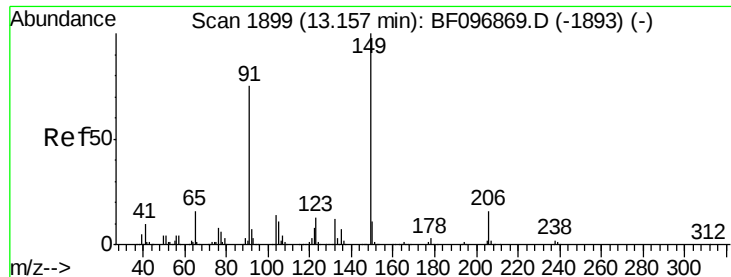
Tgt Ion: 202 Resp: 754643
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.6 26.4
 203 17.4 14.4 21.6



#78
 Terphenyl-d14
 Concen: 62.03 ng
 RT: 12.66 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion: 244 Resp: 821986
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.2 10.3 15.5

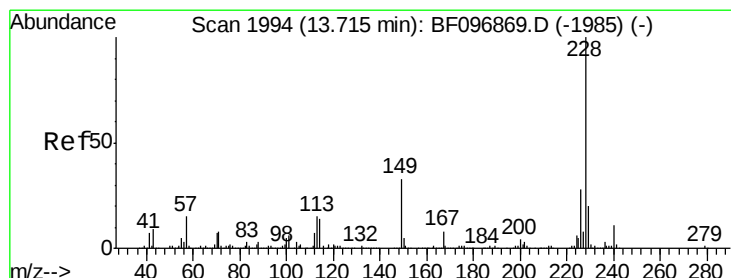
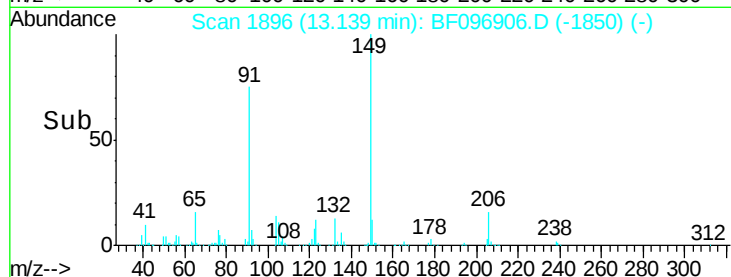
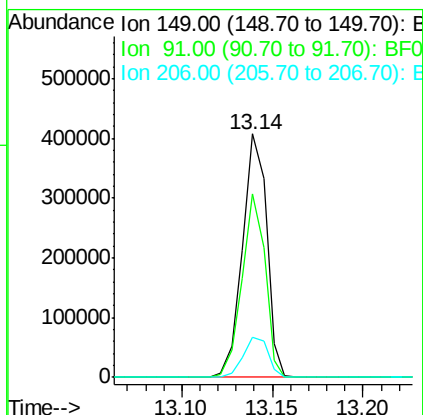
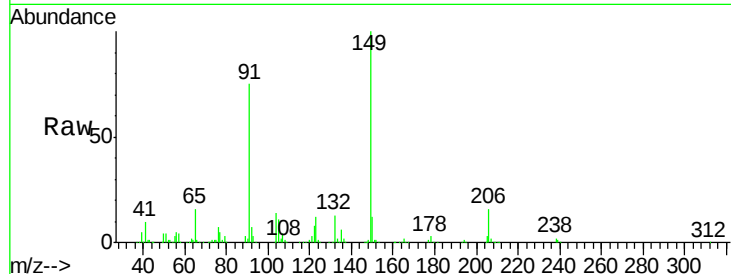




#79
Butylbenzylphthalate
Concen: 38.20 ng
RT: 13.14 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

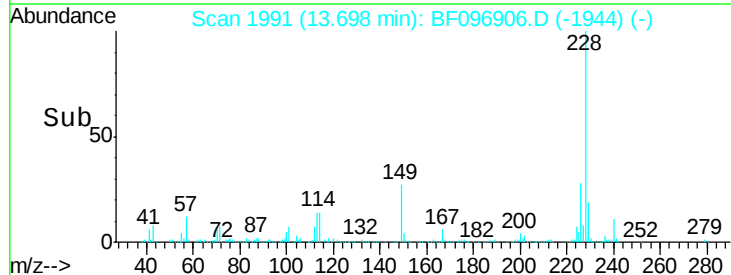
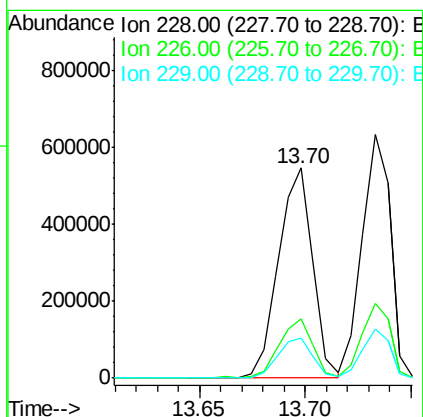
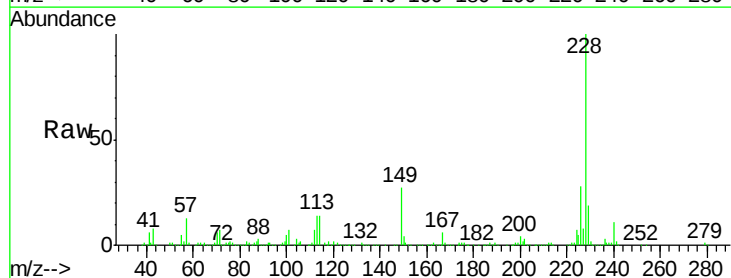
Instrument :
BNA_F
ClientSampled :
IDOC-S-03

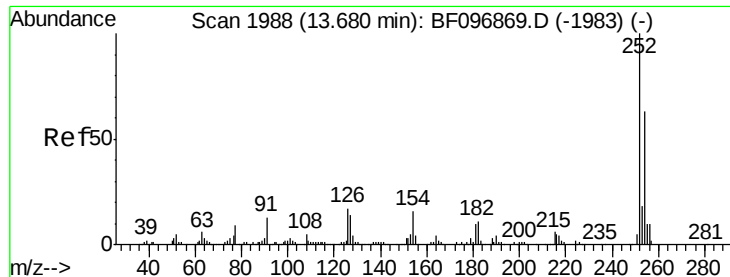
Tgt Ion:149 Resp: 378613
Ion Ratio Lower Upper
149 100
91 75.4 45.0 67.4#
206 16.2 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 42.87 ng
RT: 13.70 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion:228 Resp: 613861
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 19.3 16.3 24.5

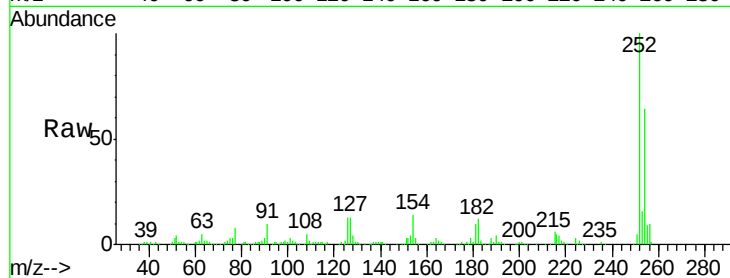




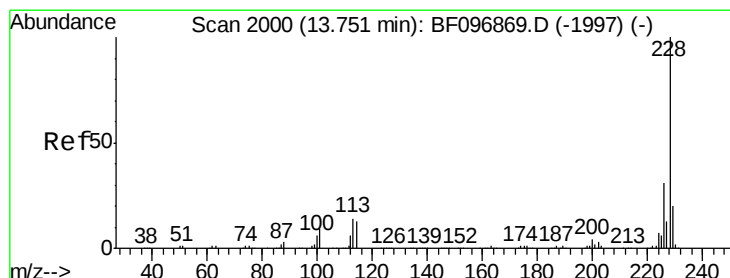
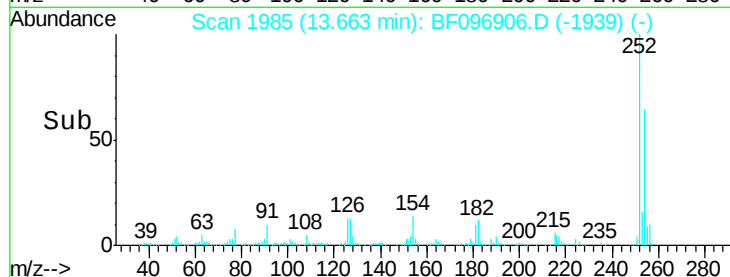
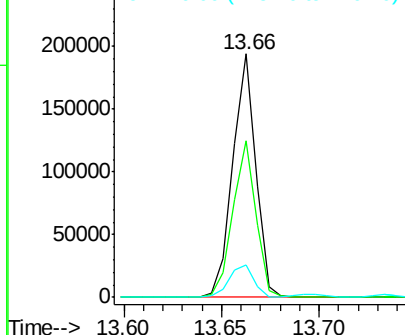
#81
 3,3'-Dichlorobenzidine
 Concen: 30.94 ng
 RT: 13.66 min Scan# 1985
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleID :
 IDOC-S-03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	13.4	15.8	23.8#

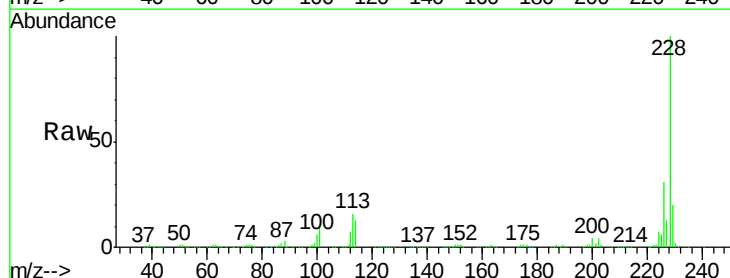


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

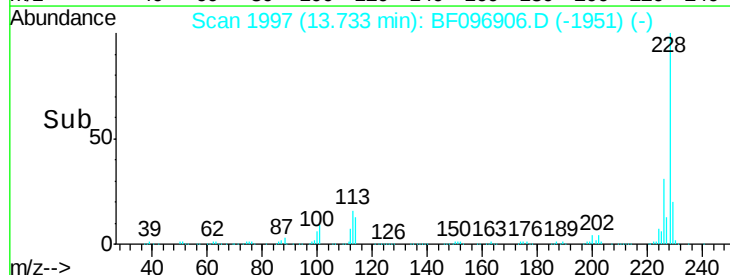
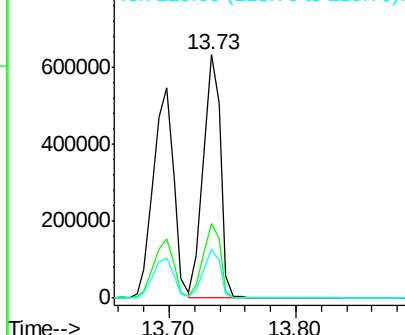


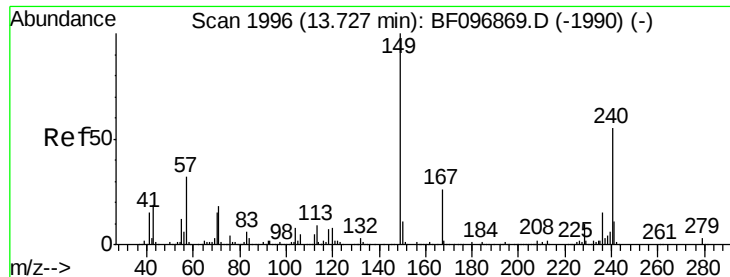
#82
 Chrysene
 Concen: 42.63 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.9	15.8	23.6



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

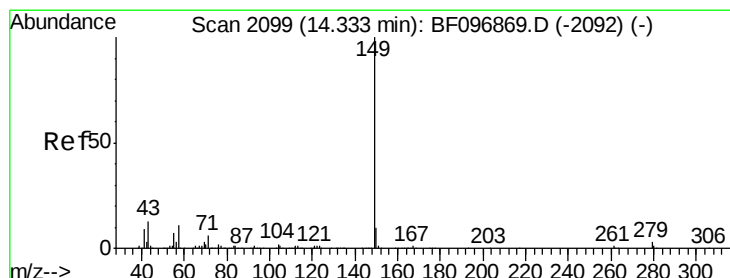
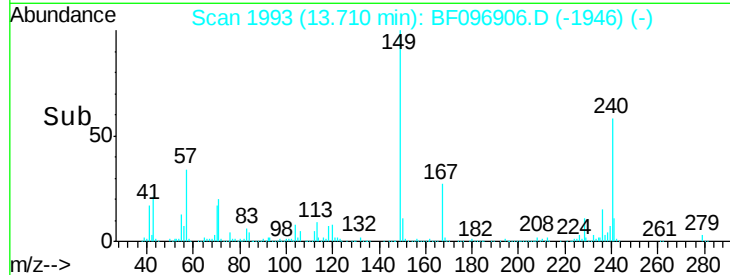
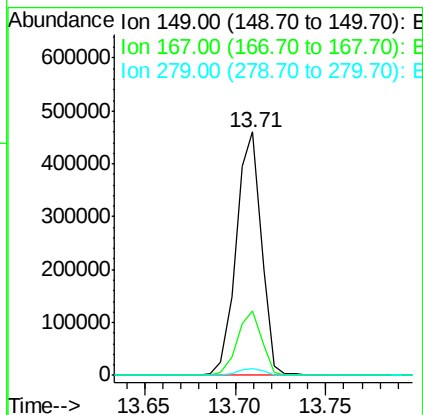
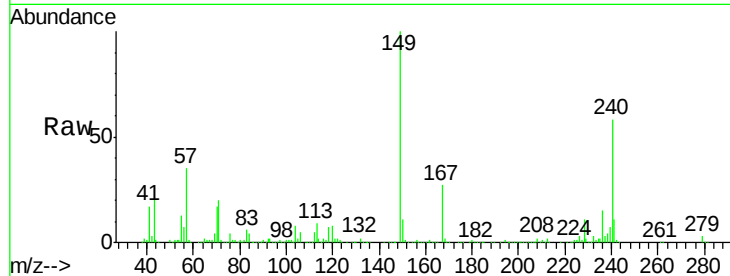




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.71 ng
 RT: 13.71 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

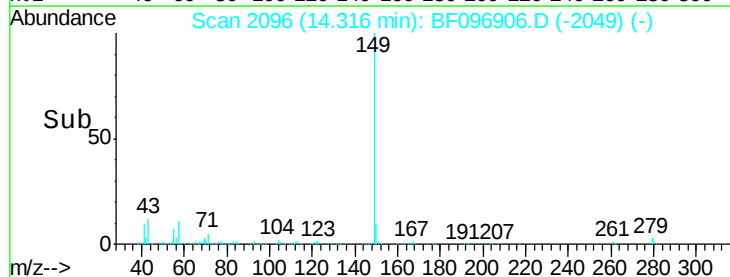
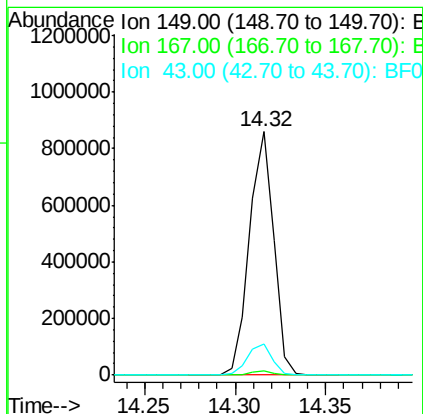
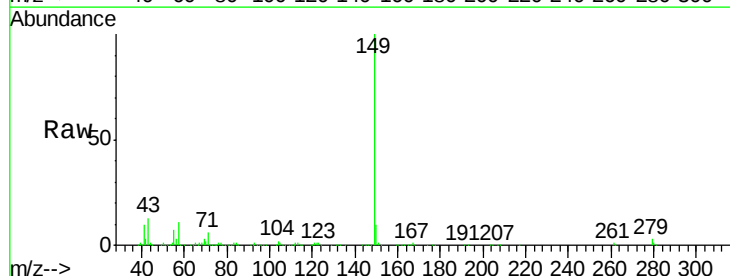
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

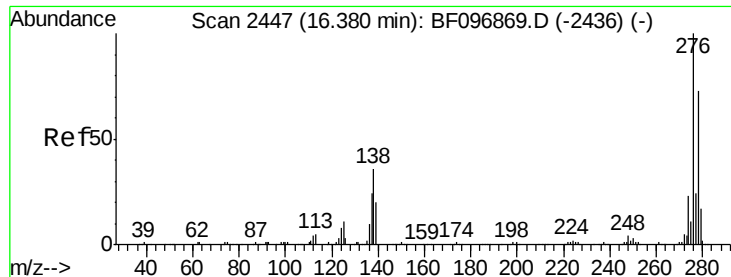
Tgt Ion:149 Resp: 443033
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 40.21 ng
 RT: 14.32 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:149 Resp: 802248
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.9 8.5 12.7#

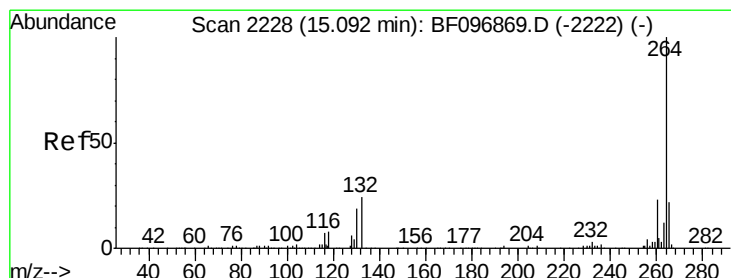
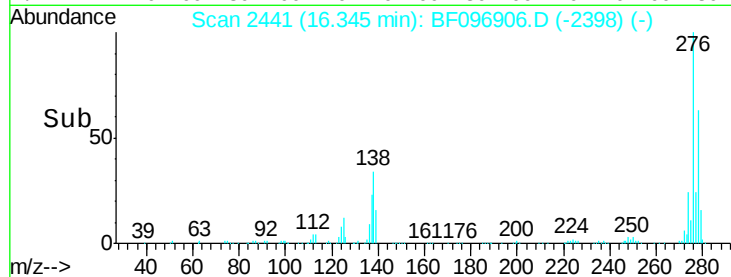
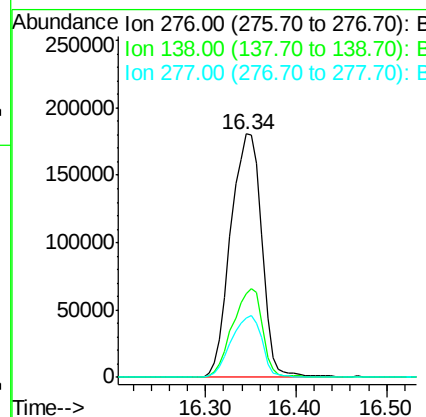
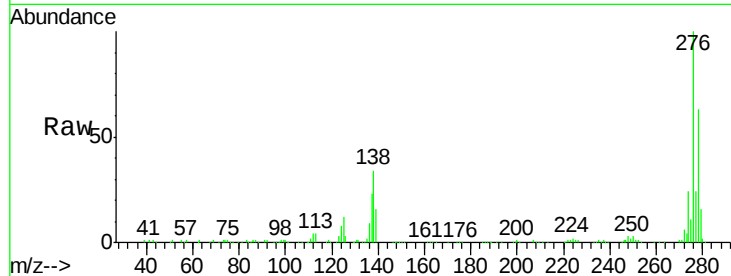




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.78 ng
 RT: 16.34 min Scan# 2441
 Delta R.T. -0.05 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

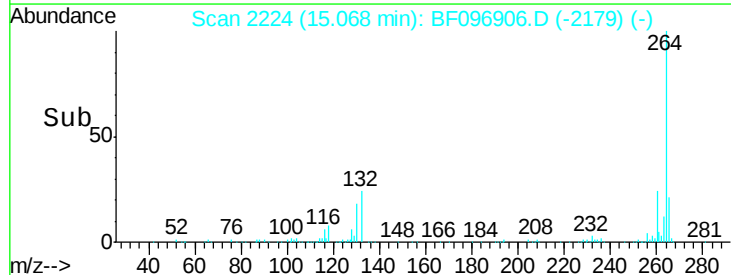
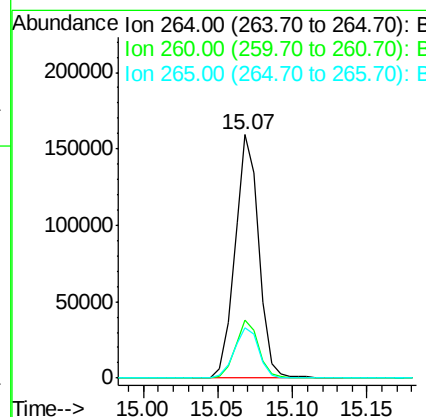
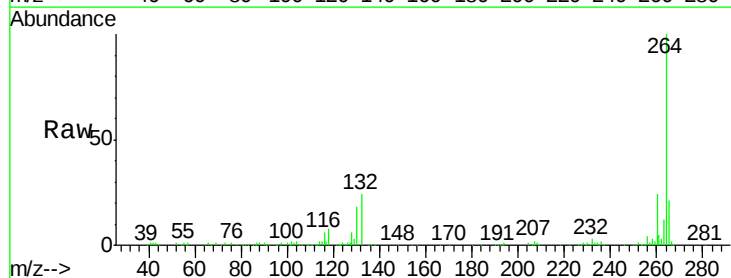
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-03

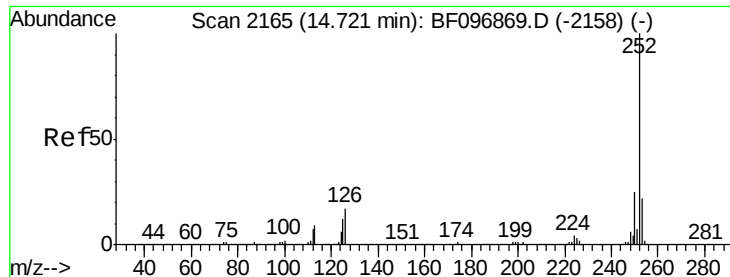
Tgt Ion:	276	Resp:	432255
Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096906.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:	264	Resp:	178199
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.8	17.2	25.8

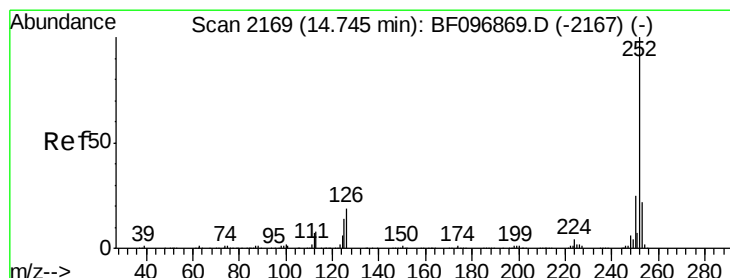
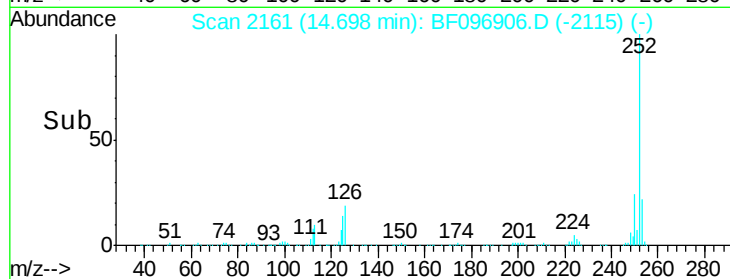
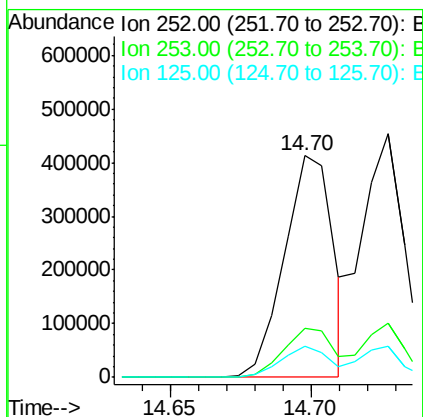
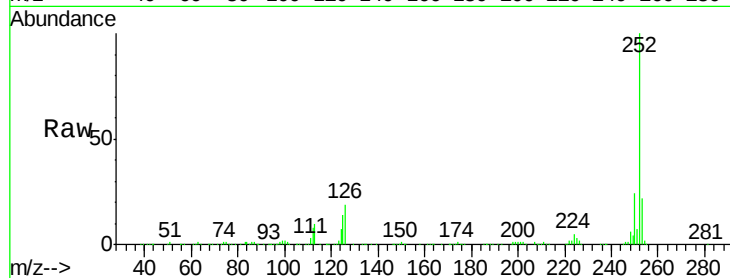




#87
Benzo(b)fluoranthene
Concen: 45.99 ng
RT: 14.70 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

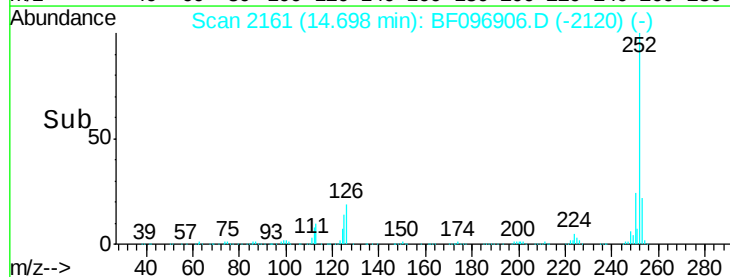
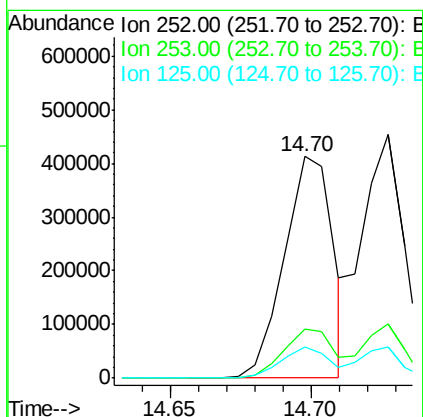
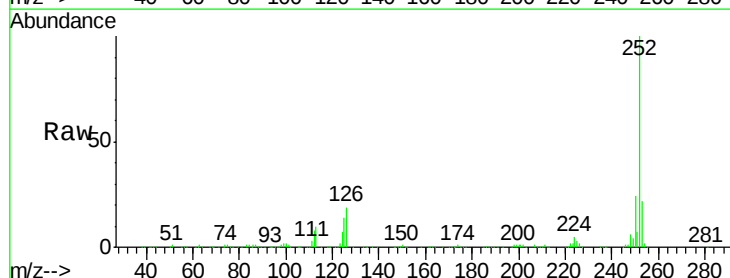
Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

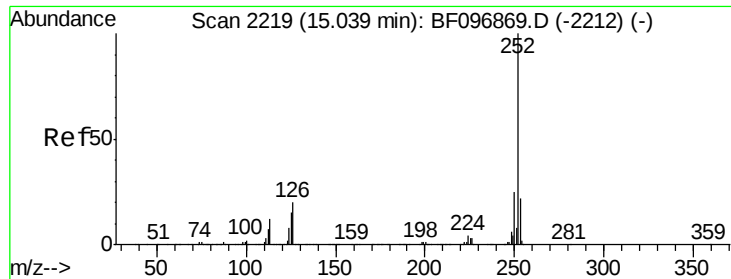
Tgt Ion:252 Resp: 494303
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 14.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 48.57 ng
RT: 14.70 min Scan# 2161
Delta R.T. -0.06 min
Lab File: BF096906.D
Acq: 20 Jul 2017 15:24

Tgt Ion:252 Resp: 494303
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 14.1 13.1 19.7





#89

Benzo(a)pyrene

Concen: 41.93 ng

RT: 15.02 min Scan# 2216

Delta R.T. -0.03 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

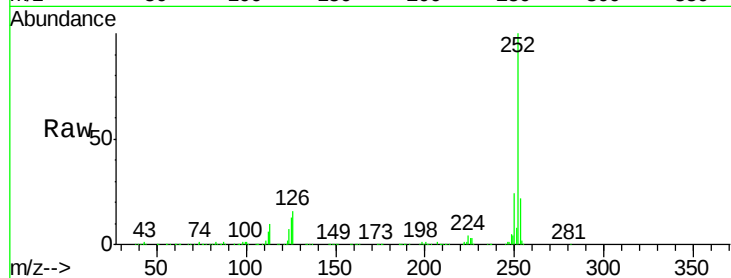
Tgt Ion:252 Resp: 413297

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

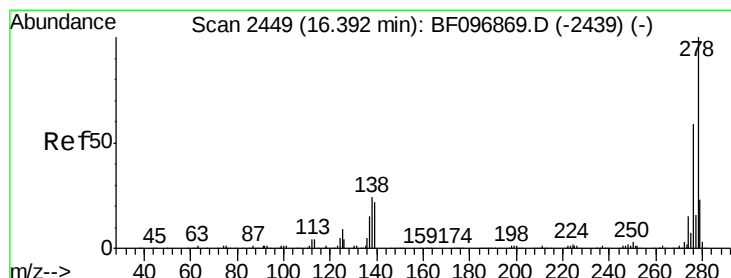
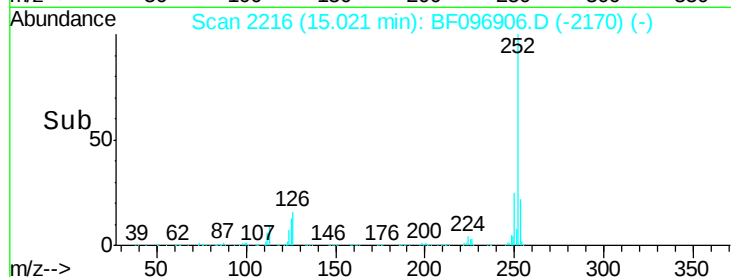
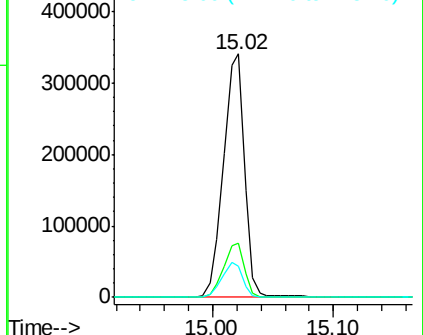
125 13.0 11.0 16.4



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: 38.48 ng

RT: 16.36 min Scan# 2443

Delta R.T. -0.05 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

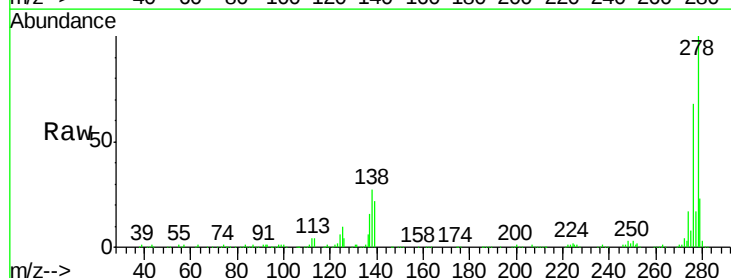
Tgt Ion:278 Resp: 348992

Ion Ratio Lower Upper

278 100

139 21.6 16.6 24.8

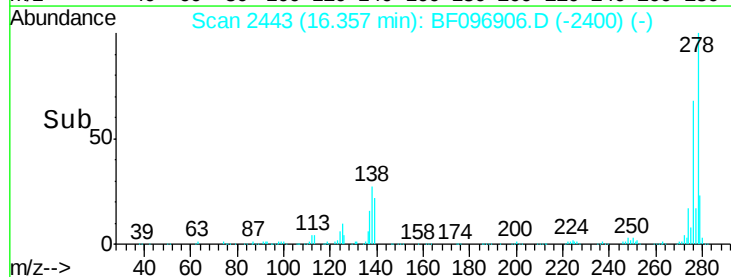
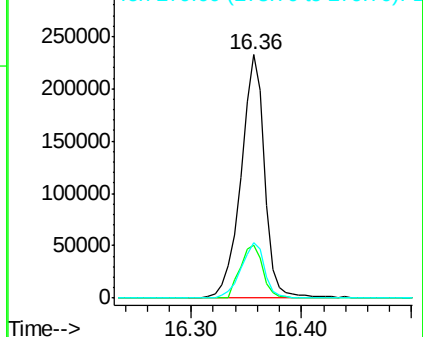
279 23.0 19.3 28.9

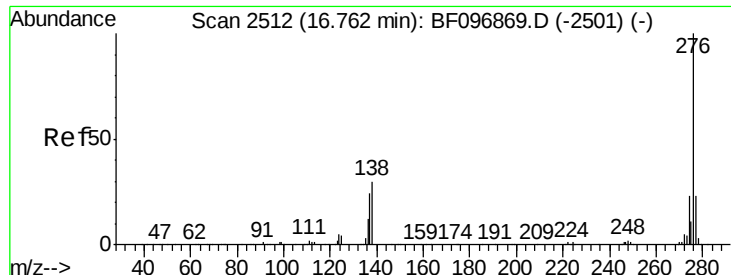


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.47 ng

RT: 16.73 min Scan# 2506

Delta R.T. -0.05 min

Lab File: BF096906.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

IDOC-S-03

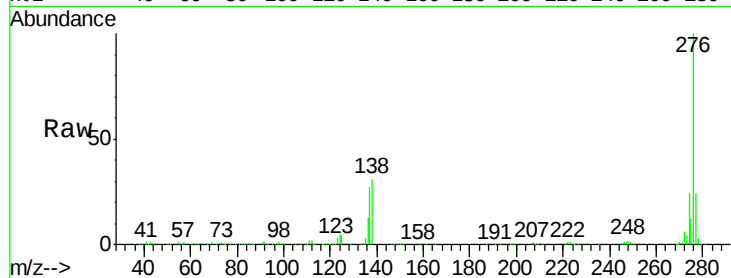
Tgt Ion: 276 Resp: 412550

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 30.9 25.4 38.0



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

