

Data File : BF096923.D
Acq On : 20 Jul 2017 23:25
Operator : SJ/JU
Sample : I4317-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Quant Time: Jul 21 03:29:34 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	90904	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	383589	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	165304	20.00	ng	-0.03
63) Phenanthrene-d10	11.07	188	254494	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	147663	20.00	ng	-0.03
86) Perylene-d12	15.07	264	169255	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	749412	123.96	ng	-0.01
7) Phenol-d6	6.23	99	887404	122.31	ng	-0.02
23) Nitrobenzene-d5	7.14	82	538524	86.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	179780	127.41	ng	-0.03
44) 2-Fluorobiphenyl	8.93	172	959587	91.71	ng	-0.03
78) Terphenyl-d14	12.66	244	614530	72.17	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	112928	36.30	ng	# 71
3) Pyridine	2.84	79	225689	34.52	ng	# 62
4) n-Nitrosodimethylamine	2.78	42	155541	42.54	ng	# 77
6) Aniline	6.23	93	282297	31.59	ng	# 54
8) 2-Chlorophenol	6.36	128	268770	41.21	ng	98
9) Benzaldehyde	6.11	77	102936	24.55	ng	98
10) Phenol	6.25	94	349519	42.62	ng	98
11) bis(2-Chloroethyl)ether	6.32	93	251759	40.82	ng	92
12) 1,3-Dichlorobenzene	6.51	146	286457	41.32	ng	99
13) 1,4-Dichlorobenzene	6.59	146	289262	41.20	ng	96
14) 1,2-Dichlorobenzene	6.74	146	264633	41.44	ng	98
15) Benzyl Alcohol	6.72	79	208532	43.90	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.86	45	506971	39.83	ng	96
17) 2-Methylphenol	6.85	107	210917	41.59	ng	94
18) Hexachloroethane	7.08	117	100132	40.22	ng	# 84
19) n-Nitroso-di-n-propylamine	7.00	70	180768	41.36	ng	# 86
20) 3+4-Methylphenols	7.00	107	266685	43.33	ng	# 65
22) Acetophenone	6.99	105	364403	42.50	ng	96
24) Nitrobenzene	7.16	77	264106	41.24	ng	94
25) Isophorone	7.40	82	473309	41.08	ng	# 94
26) 2-Nitrophenol	7.47	139	152231	42.75	ng	91
27) 2,4-Dimethylphenol	7.53	122	243528	41.57	ng	95
28) bis(2-Chloroethoxy)methane	7.62	93	323775	41.59	ng	99
29) 2,4-Dichlorophenol	7.72	162	222293	41.92	ng	96
30) 1,2,4-Trichlorobenzene	7.80	180	215331	42.70	ng	97
31) Naphthalene	7.87	128	768838	42.31	ng	99
32) Benzoic acid	7.64	122	46184	12.33	ng	94
33) 4-Chloroaniline	7.93	127	215396	29.92	ng	97
34) Hexachlorobutadiene	8.00	225	112859	41.93	ng	97
35) Caprolactam	8.30	113	44950	26.45	ng	# 61
36) 4-Chloro-3-methylphenol	8.43	107	232238	40.73	ng	88
37) 2-Methylnaphthalene	8.57	142	525472	45.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	191234	42.80	ng	99
40) Hexachlorocyclopentadiene	8.72	237	111417	67.15	ng	98

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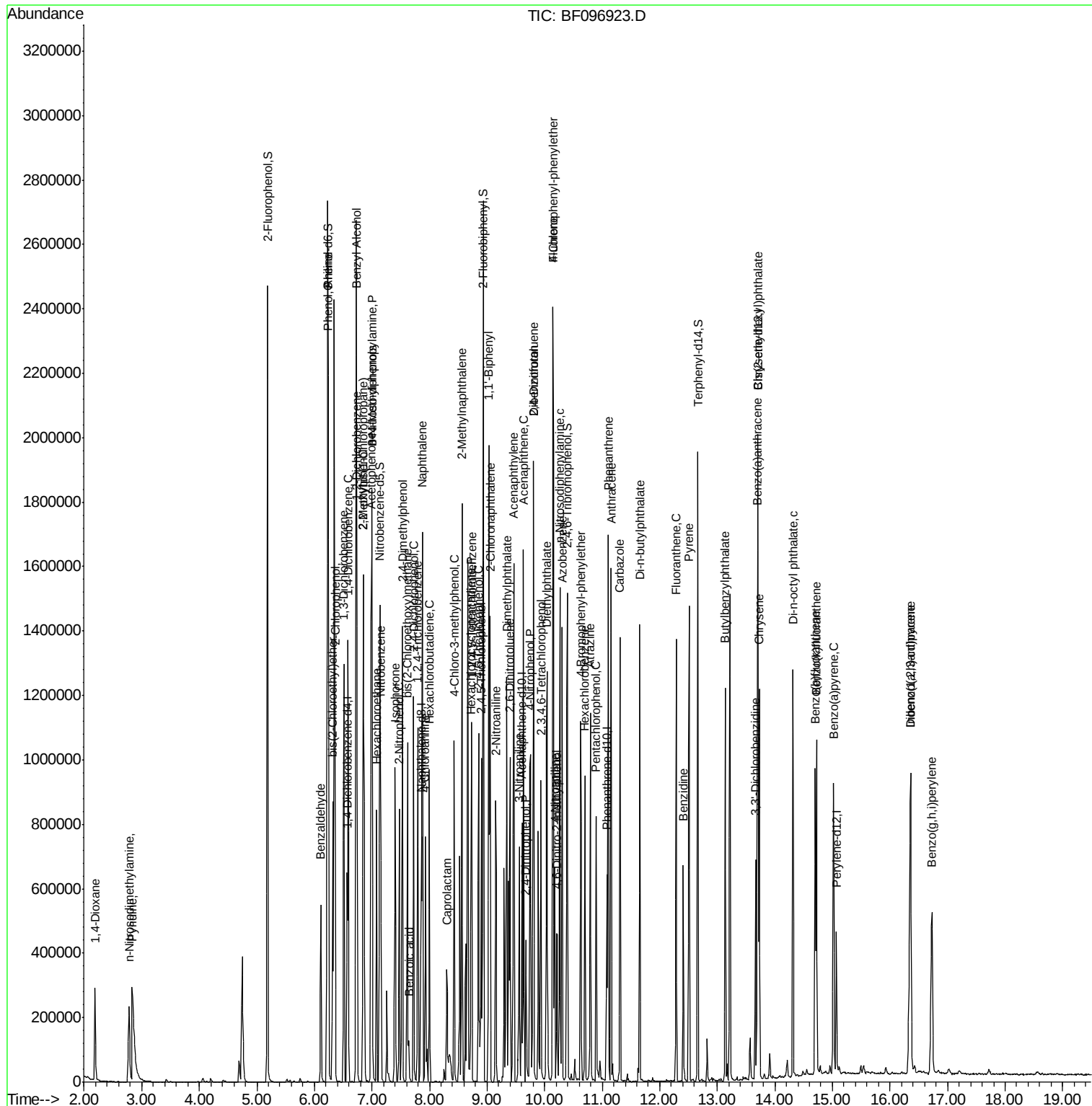
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	136489	41.41	ng	98
43) 2,4,5-Trichlorophenol	8.90	196	139400	41.93	ng	95
45) 1,1'-Biphenyl	9.03	154	591688	41.74	ng	99
46) 2-Chloronaphthalene	9.05	162	452813	43.38	ng	# 92
47) 2-Nitroaniline	9.15	65	154007	42.92	ng	94
48) Acenaphthylene	9.46	152	706420	42.47	ng	99
49) Dimethylphthalate	9.34	163	622364	50.00	ng	99
50) 2,6-Dinitrotoluene	9.40	165	116281	43.13	ng	# 83
51) Acenaphthene	9.64	154	407243	41.45	ng	99
52) 3-Nitroaniline	9.56	138	102166	31.99	ng	92
53) 2,4-Dinitrophenol	9.67	184	55161	44.58	ng	# 76
54) Dibenzofuran	9.81	168	596138	43.29	ng	99
55) 4-Nitrophenol	9.75	139	153199	65.66	ng	# 65
56) 2,4-Dinitrotoluene	9.80	165	138386	39.95	ng	# 67
57) Fluorene	10.15	166	441572	43.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	105999	45.98	ng	97
59) Diethylphthalate	10.04	149	507705	41.90	ng	99
60) 4-Chlorophenyl-phenylether	10.15	204	188998	44.80	ng	95
61) 4-Nitroaniline	10.17	138	122776	40.94	ng	94
62) Azobenzene	10.30	77	468924	43.87	ng	91
64) 4,6-Dinitro-2-methylphenol	10.22	198	60295	37.73	ng	# 76
65) n-Nitrosodiphenylamine	10.27	169	413079	45.41	ng	97
66) 4-Bromophenyl-phenylether	10.63	248	122431	47.12	ng	96
67) Hexachlorobenzene	10.70	284	126327	43.65	ng	# 90
68) Atrazine	10.80	200	119242	46.01	ng	94
69) Pentachlorophenol	10.90	266	97666	69.86	ng	99
70) Phenanthrene	11.10	178	617699	44.64	ng	99
71) Anthracene	11.16	178	627306	44.84	ng	98
72) Carbazole	11.31	167	566289	41.80	ng	98
73) Di-n-butylphthalate	11.65	149	747832	44.32	ng	99
74) Fluoranthene	12.29	202	565397	42.69	ng	97
76) Benzidine	12.41	184	257598	53.25	ng	# 93
77) Pyrene	12.51	202	570366	42.56	ng	98
79) Butylbenzylphthalate	13.14	149	272202	42.75	ng	# 82
80) Benzo(a)anthracene	13.69	228	427847	46.50	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	132135	39.94	ng	# 96
82) Chrysene	13.73	228	414656	45.78	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	333106	42.96	ng	# 98
84) Di-n-octyl phthalate	14.32	149	592874	46.25	ng	95
85) Indeno(1,2,3-cd)pyrene	16.35	276	454370	51.80	ng	99
87) Benzo(b)fluoranthene	14.70	252	428624	41.99	ng	98
88) Benzo(k)fluoranthene	14.73	252	401823	41.57	ng	# 94
89) Benzo(a)pyrene	15.02	252	419138	44.77	ng	99
90) Dibenzo(a,h)anthracene	16.36	278	371445	43.12	ng	99
91) Benzo(g,h,i)perylene	16.73	276	379851	41.17	ng	97

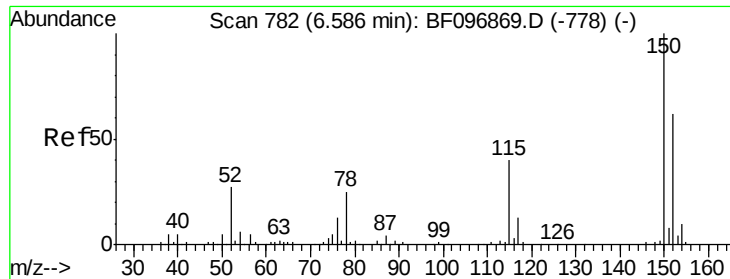
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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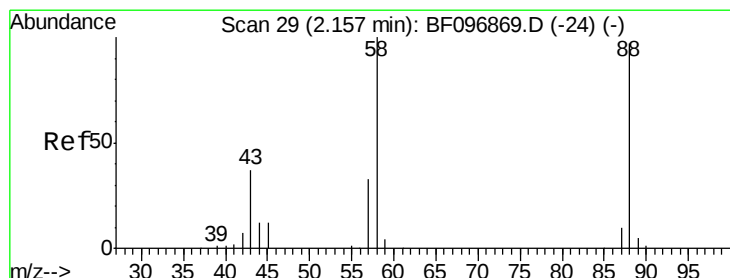
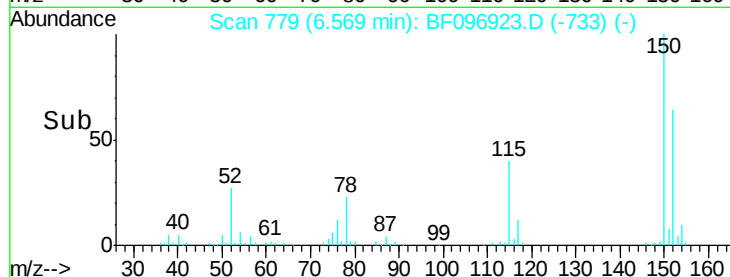
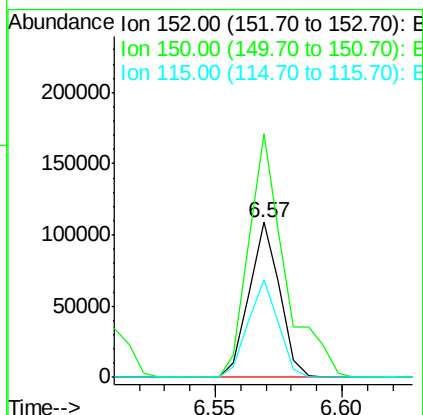
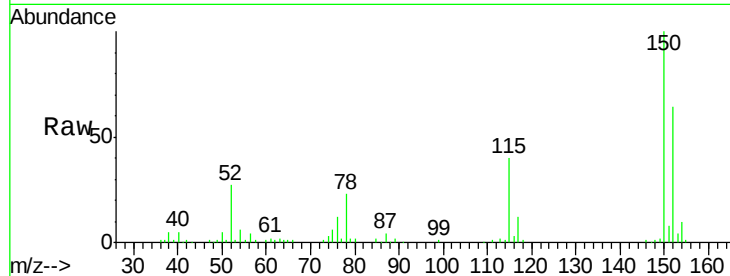




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

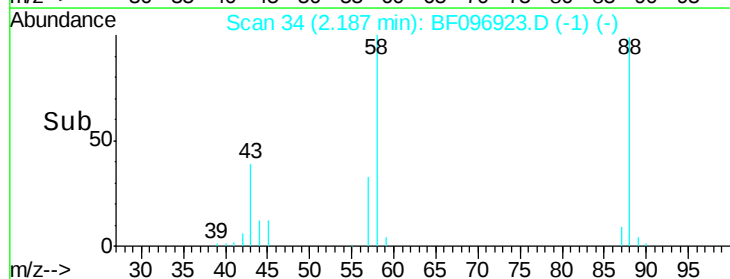
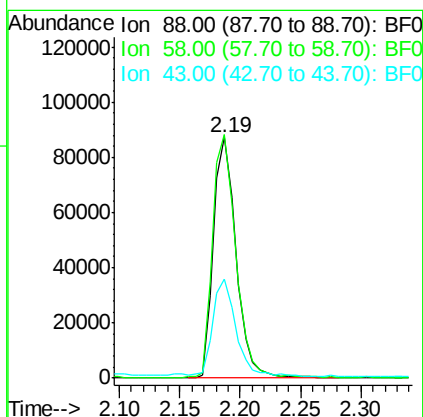
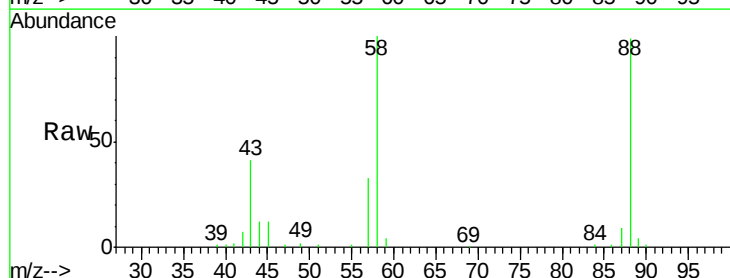
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

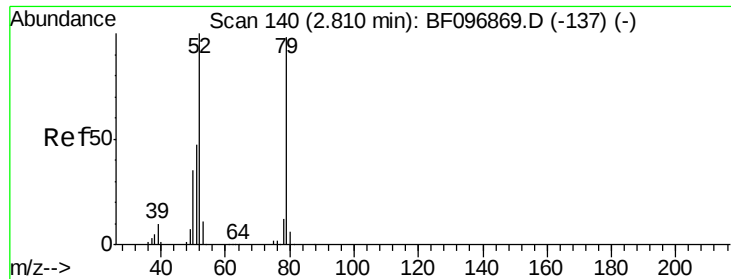
Tgt Ion:152 Resp: 90904
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.2 189.2
 115 63.1 52.2 78.2



#2
 1,4-Dioxane
 Concen: 36.30 ng
 RT: 2.19 min Scan# 34
 Delta R.T. 0.00 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion: 88 Resp: 112928
 Ion Ratio Lower Upper
 88 100
 58 104.3 61.4 92.0#
 43 40.7 23.4 35.0#





#3

Pyridine

Concen: 34.52 ng

RT: 2.84 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

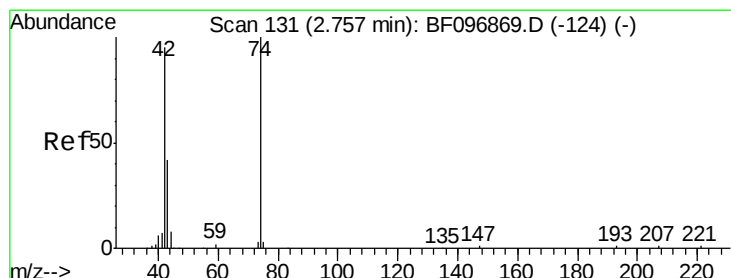
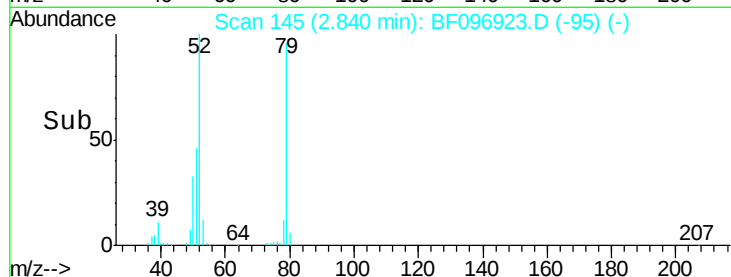
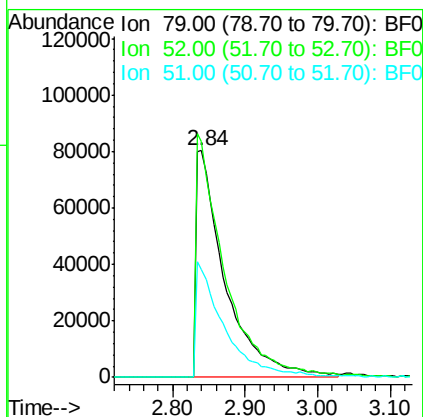
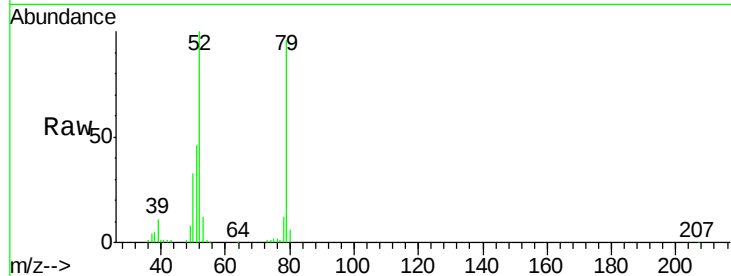
Tgt Ion: 79 Resp: 225689

Ion Ratio Lower Upper

79 100

52 104.3 54.8 82.2#

51 47.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 42.54 ng

RT: 2.78 min Scan# 135

Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

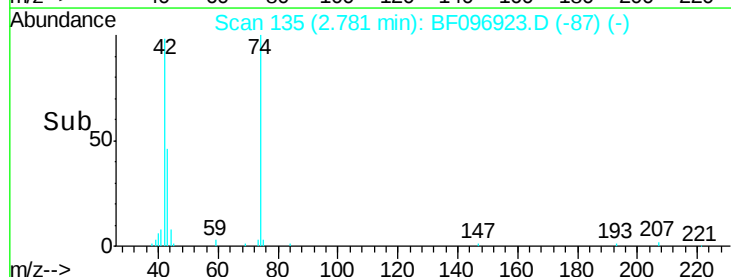
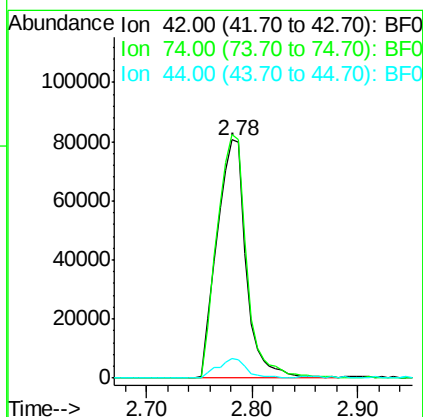
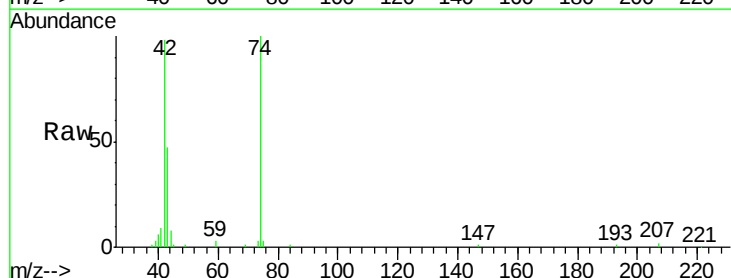
Tgt Ion: 42 Resp: 155541

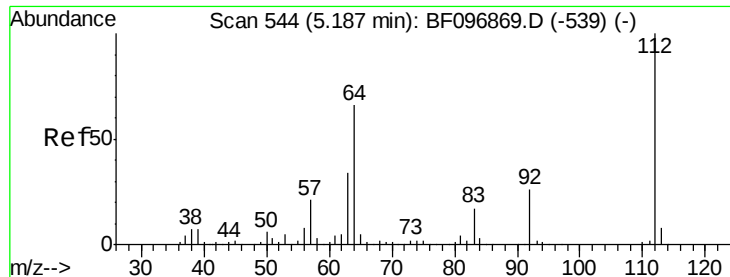
Ion Ratio Lower Upper

42 100

74 102.3 103.9 155.9#

44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 123.96 ng

RT: 5.19 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

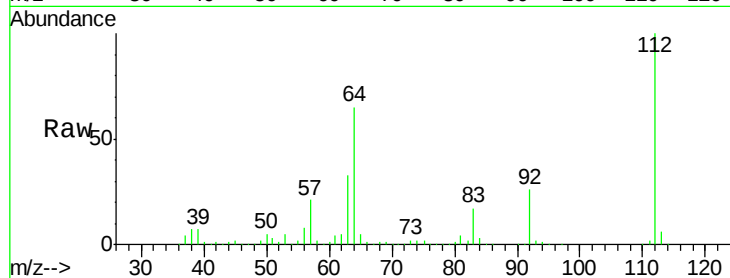
Instrument :

BNA_F

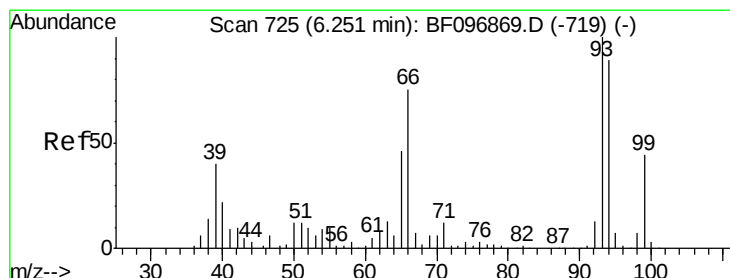
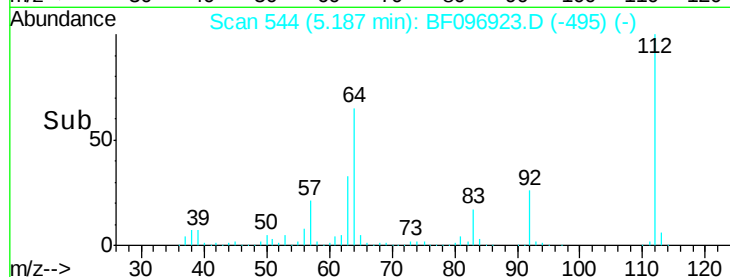
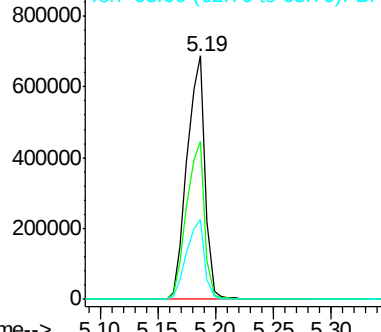
ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tgt Ion:	112	Resp:	749412
Ion Ratio	Lower	Upper	
112	100		
64	64.8	46.0	69.0
63	32.8	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 31.59 ng

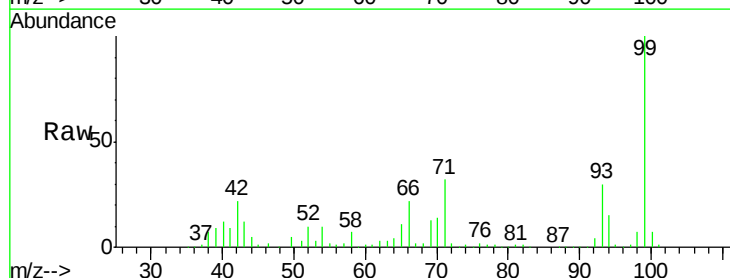
RT: 6.23 min Scan# 722

Delta R.T. -0.03 min

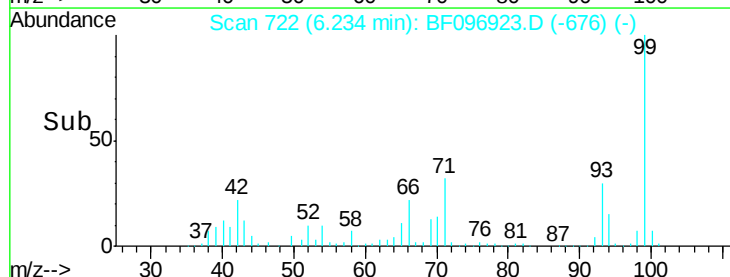
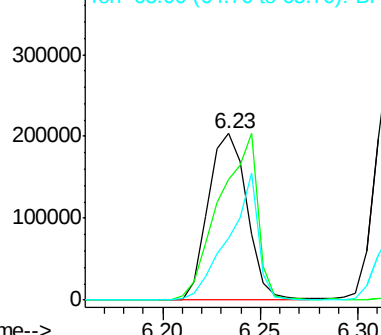
Lab File: BF096923.D

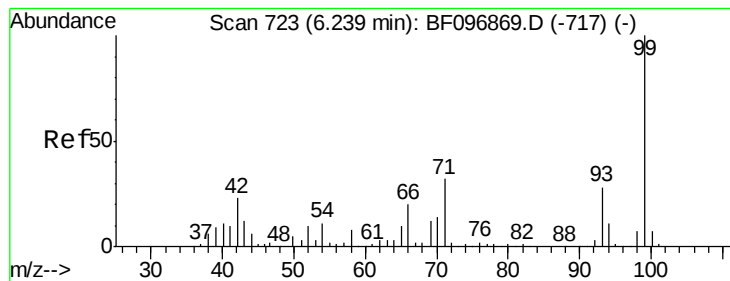
Acq: 20 Jul 2017 23:25

Tgt Ion:	93	Resp:	282297
Ion Ratio	Lower	Upper	
93	100		
66	72.5	32.9	49.3#
65	36.9	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 122.31 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

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BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

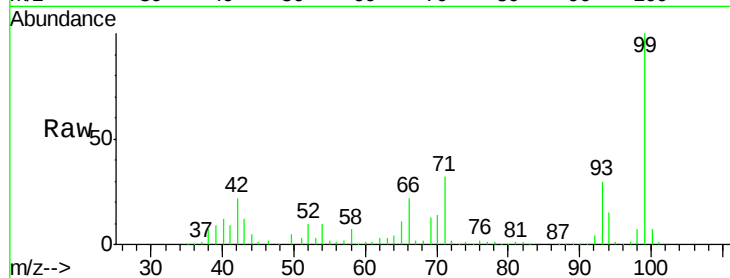
Tgt Ion: 99 Resp: 887404

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

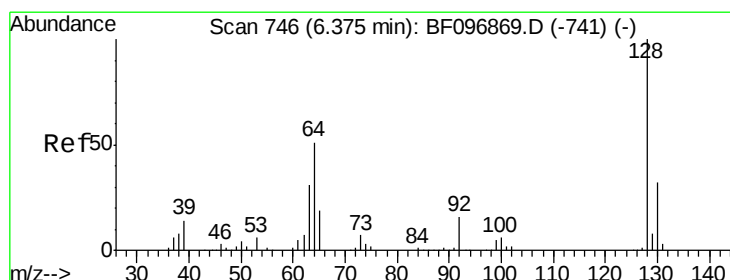
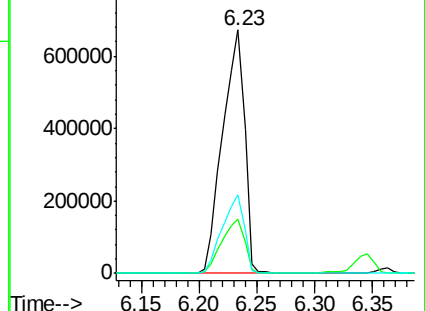
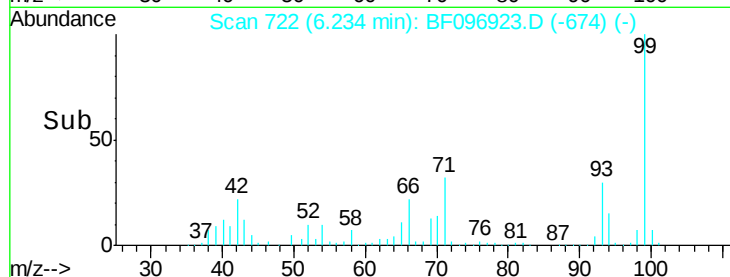
71 32.0 24.5 36.7



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: 41.21 ng

RT: 6.36 min Scan# 744

Delta R.T. -0.02 min

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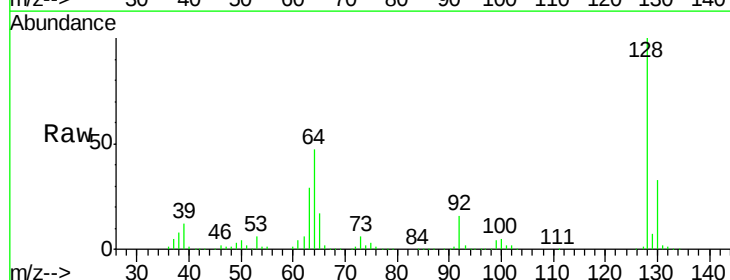
Tgt Ion: 128 Resp: 268770

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

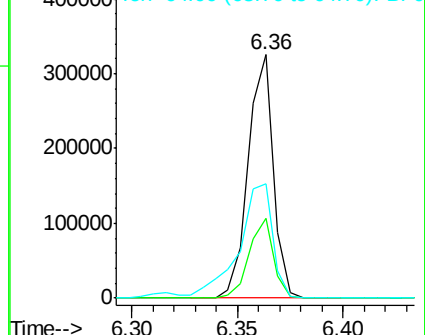
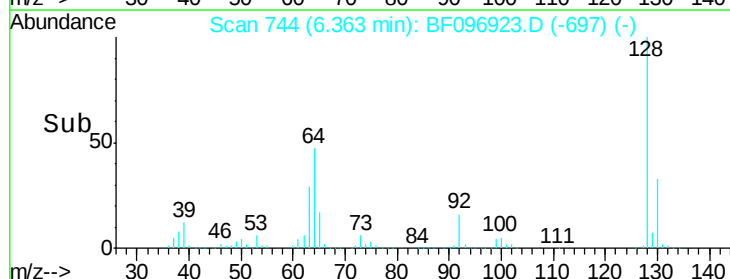
64 46.7 28.4 68.4

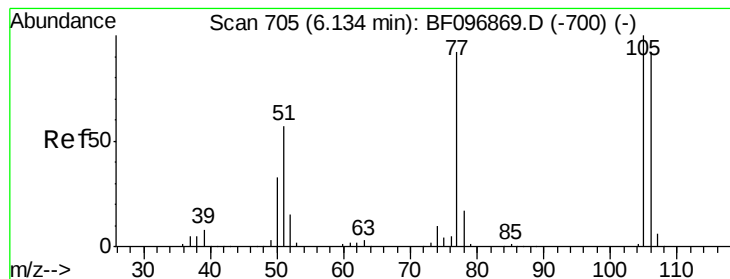


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.55 ng

RT: 6.11 min Scan# 701

Delta R.T. -0.04 min

Lab File: BF096923.D

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ClientSampleId :

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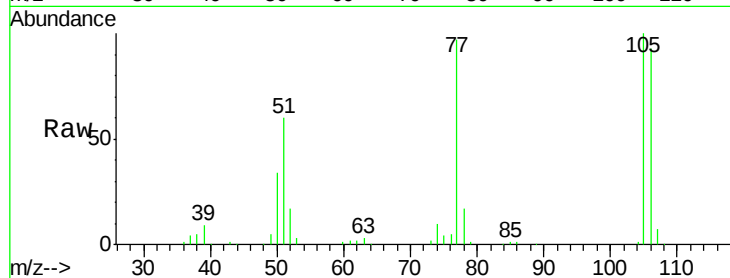
Tgt Ion: 77 Resp: 102936

Ion Ratio Lower Upper

77 100

105 103.5 83.8 123.8

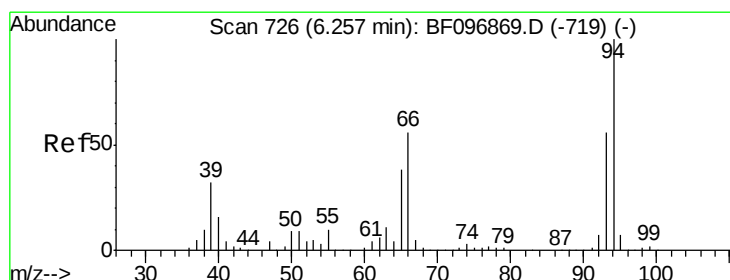
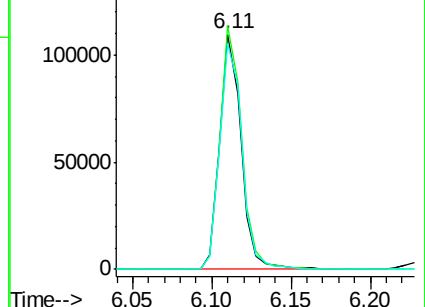
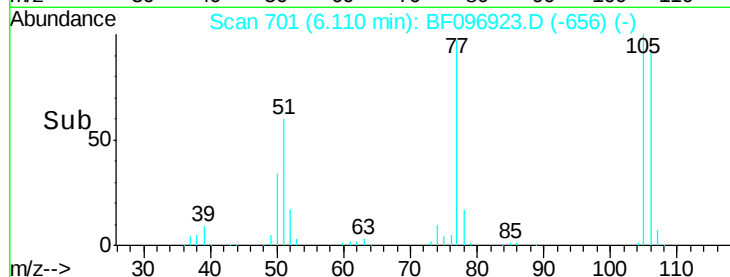
106 95.9 79.1 119.1



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: 42.62 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

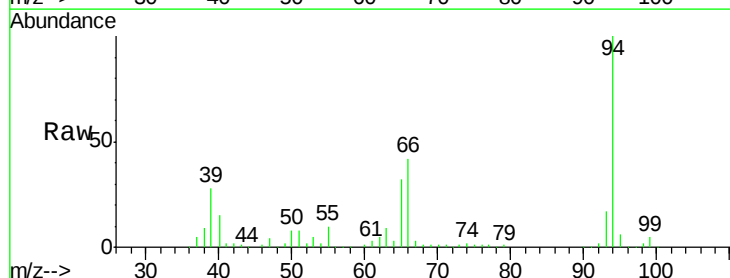
Tgt Ion: 94 Resp: 349519

Ion Ratio Lower Upper

94 100

65 32.2 9.9 49.9

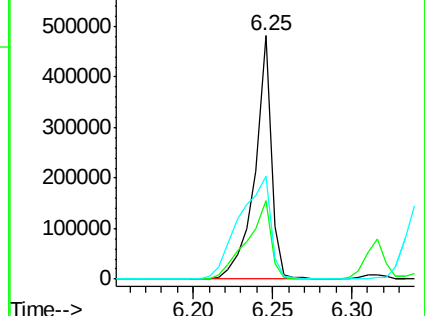
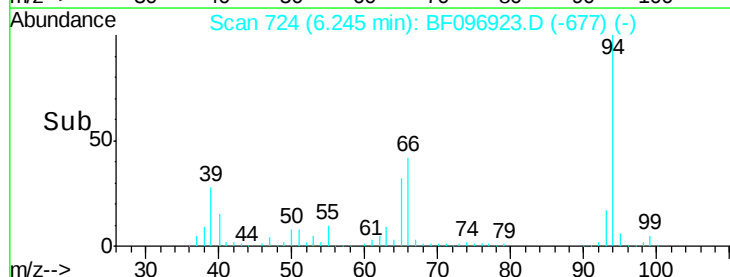
66 42.4 23.1 63.1

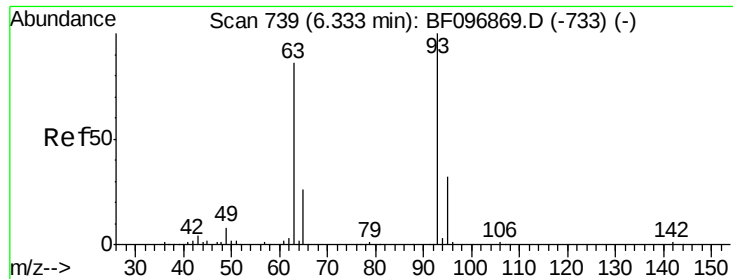


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

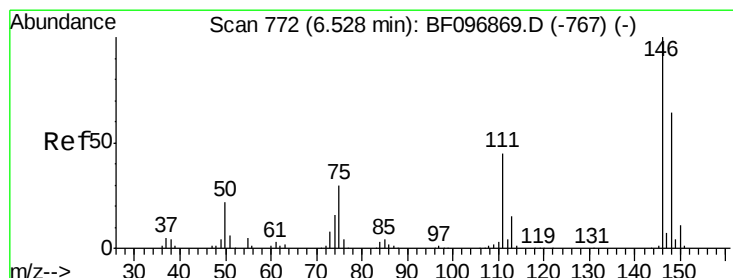
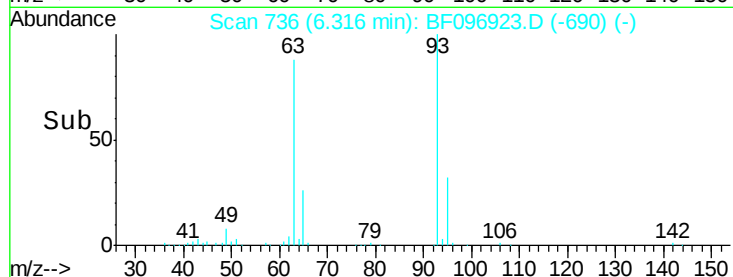
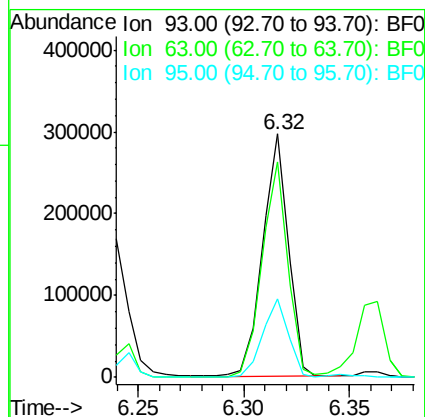
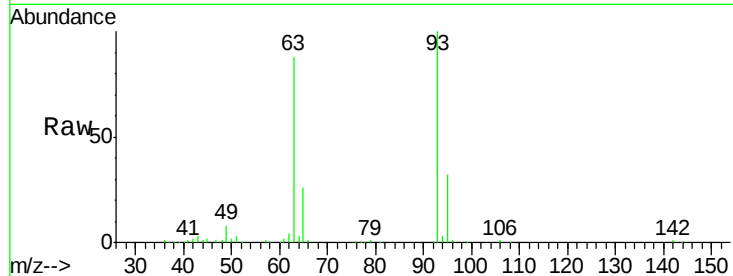




#11
 bis(2-Chloroethyl)ether
 Concen: 40.82 ng
 RT: 6.32 min Scan# 736
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

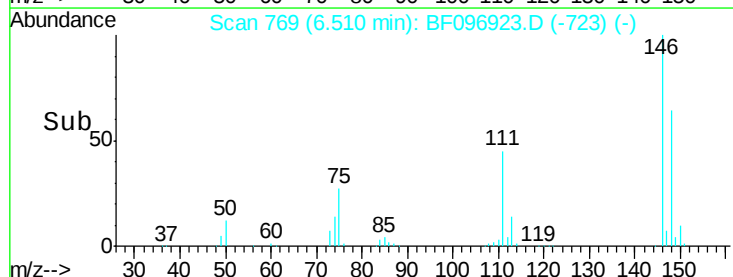
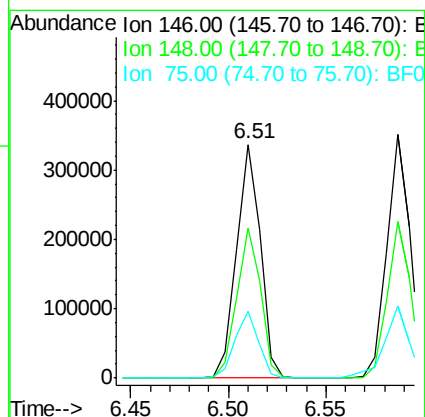
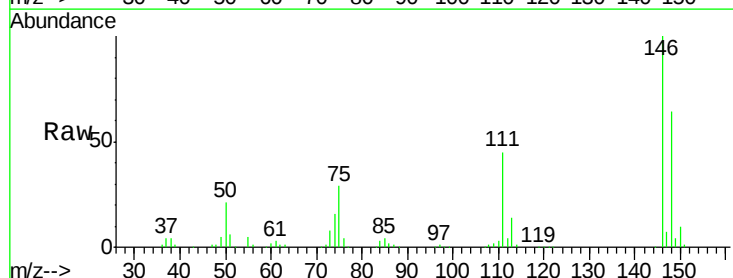
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

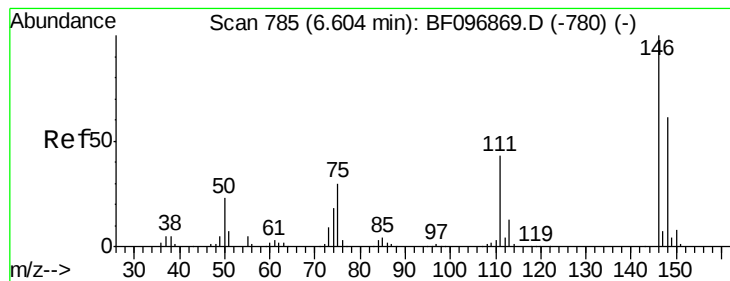
Tgt Ion: 93 Resp: 251759
 Ion Ratio Lower Upper
 93 100
 63 88.3 59.2 99.2
 95 32.2 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 41.32 ng
 RT: 6.51 min Scan# 769
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion: 146 Resp: 286457
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 75 28.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.20 ng

RT: 6.59 min Scan# 782

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

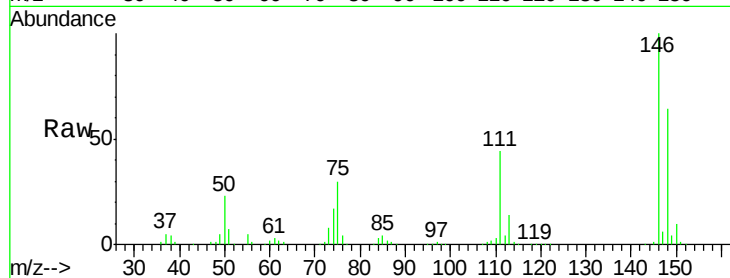
Tgt Ion:146 Resp: 289262

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

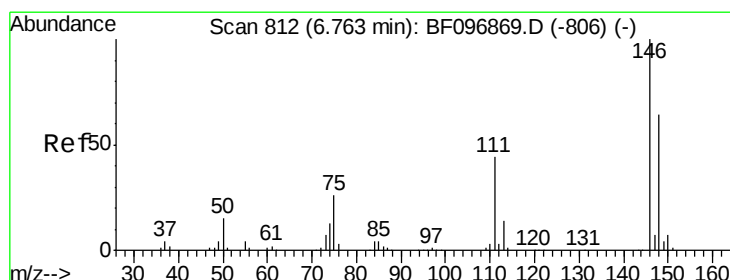
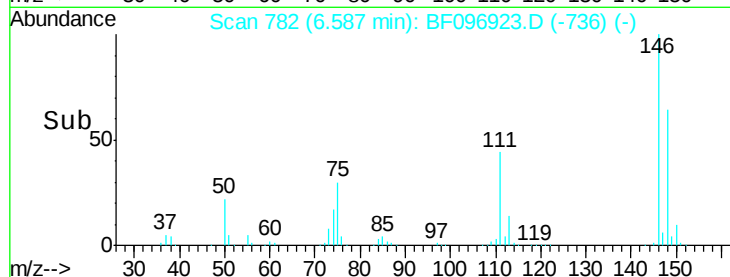
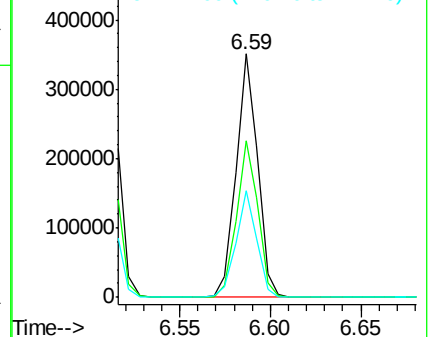
111 43.6 30.3 45.5



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: 41.44 ng

RT: 6.74 min Scan# 808

Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

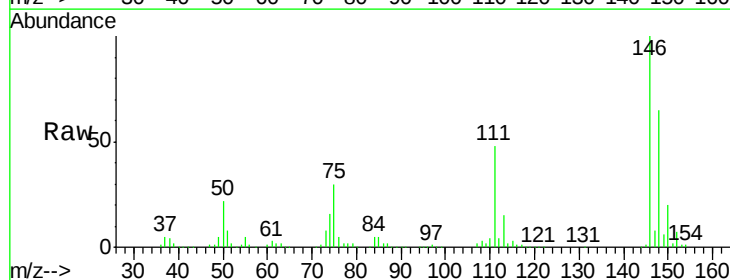
Tgt Ion:146 Resp: 264633

Ion Ratio Lower Upper

146 100

148 65.3 50.4 75.6

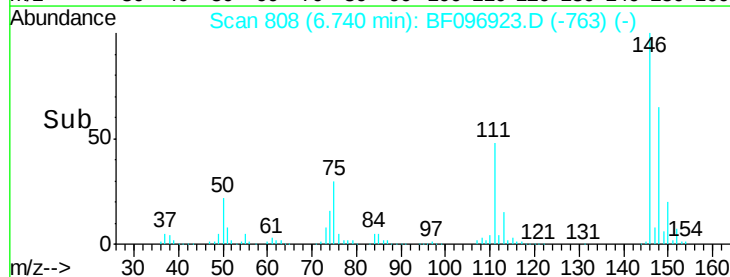
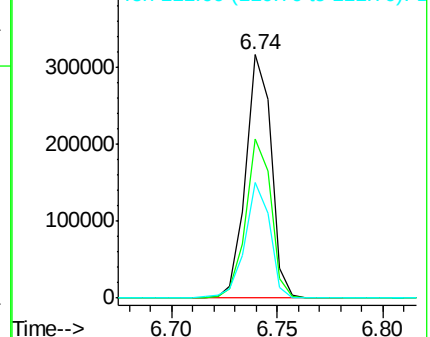
111 47.6 38.2 57.4

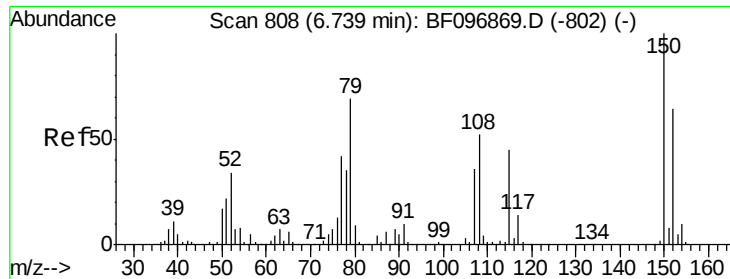


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

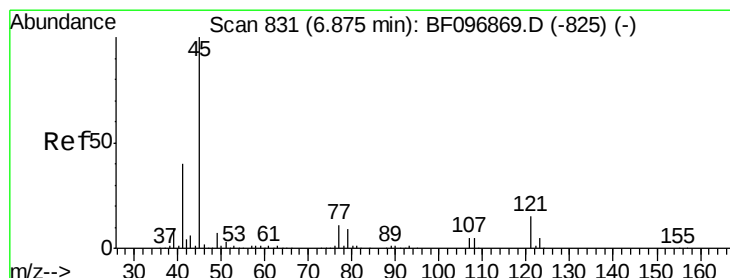
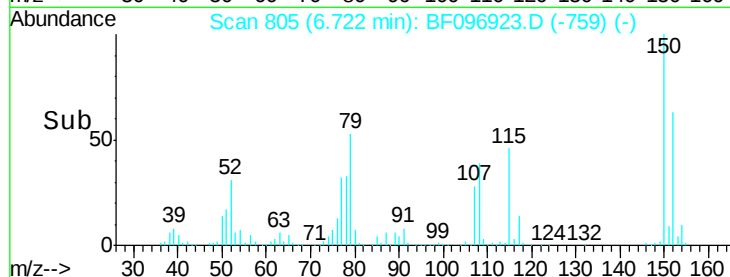
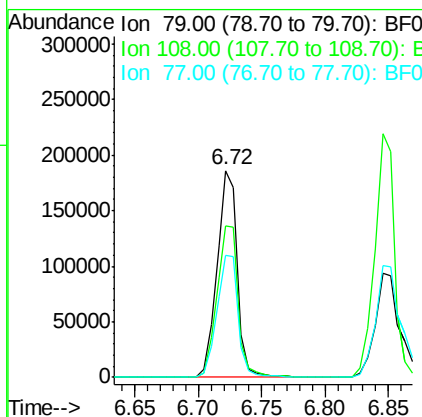
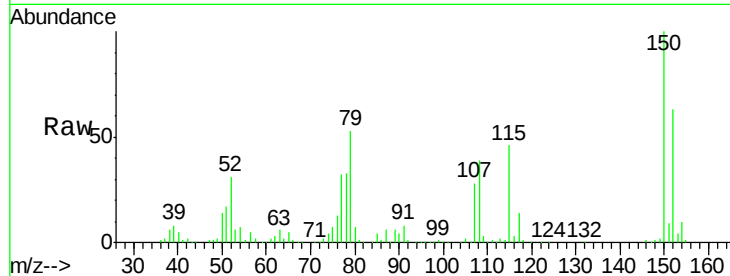




#15
Benzyl Alcohol
Concen: 43.90 ng
RT: 6.72 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

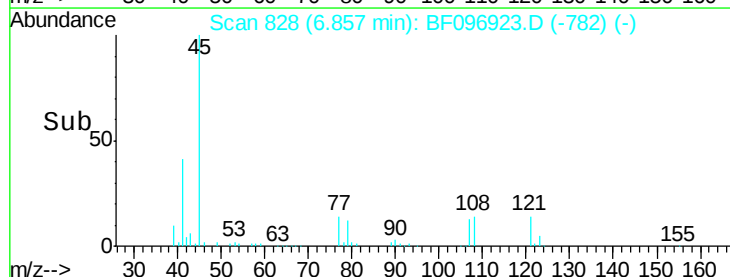
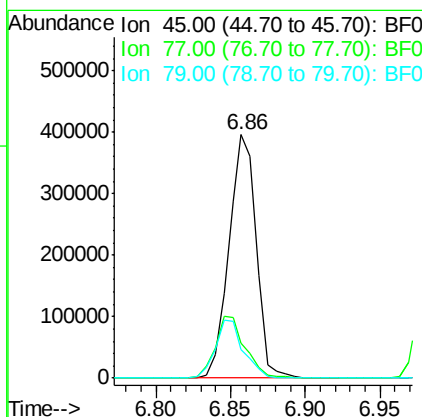
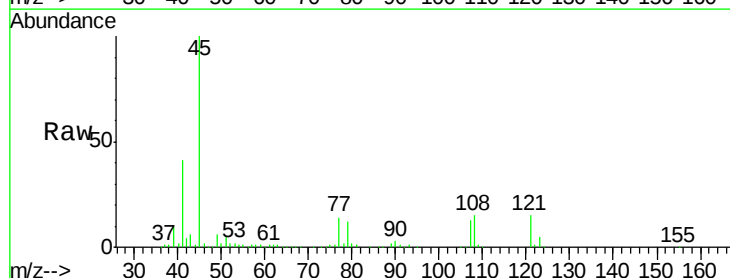
Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

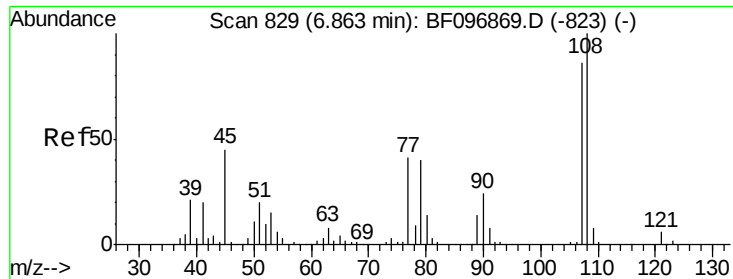
Tgt Ion: 79 Resp: 208532
Ion Ratio Lower Upper
79 100
108 73.3 63.4 95.0
77 59.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.83 ng
RT: 6.86 min Scan# 828
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion: 45 Resp: 506971
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.2
79 12.0 0.0 30.0

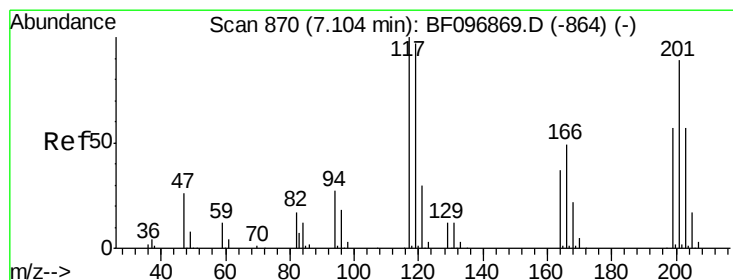
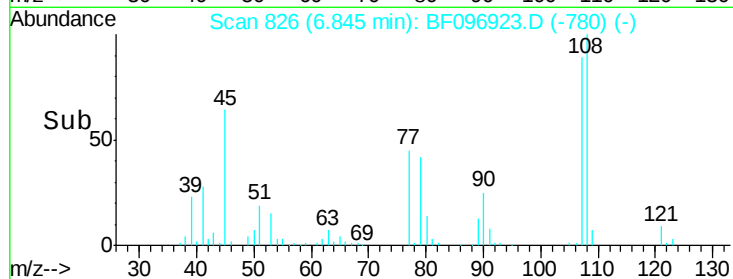
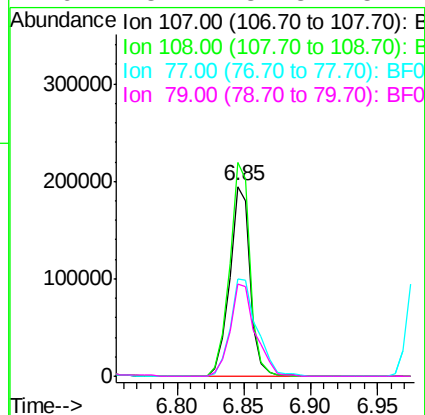
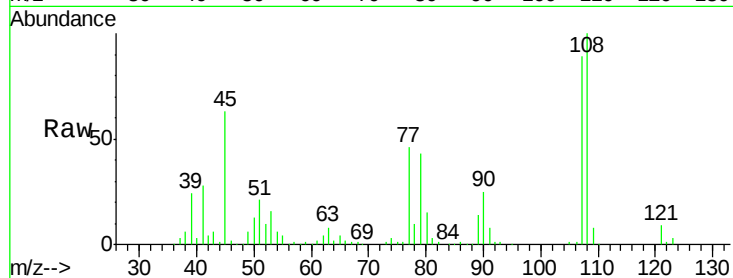




#17
2-Methylphenol
Concen: 41.59 ng
RT: 6.85 min Scan# 826
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

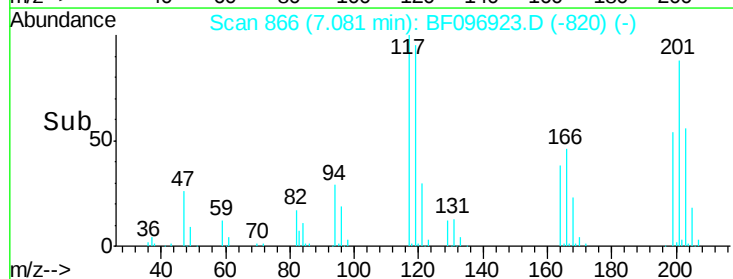
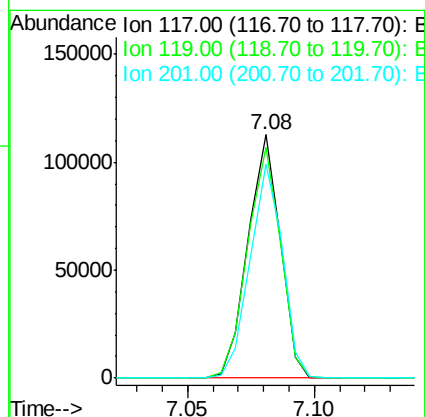
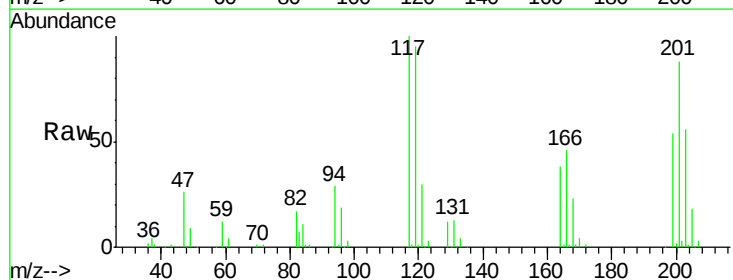
Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

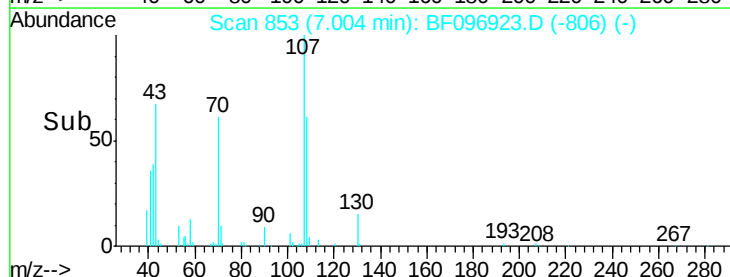
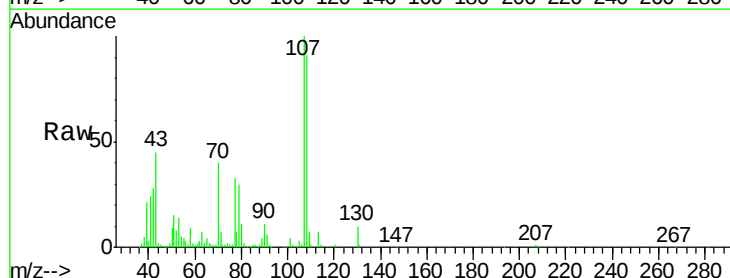
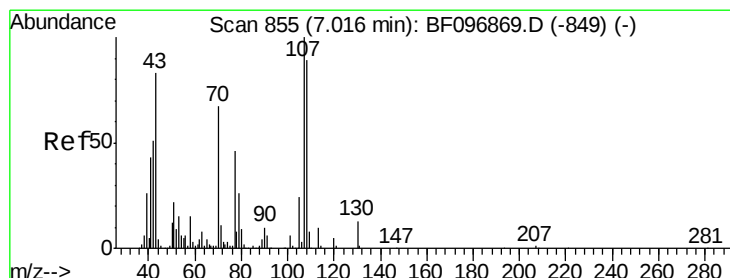
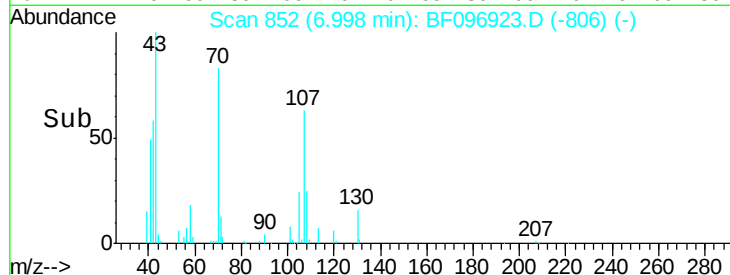
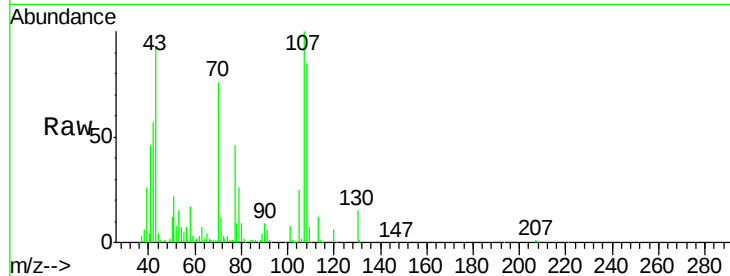
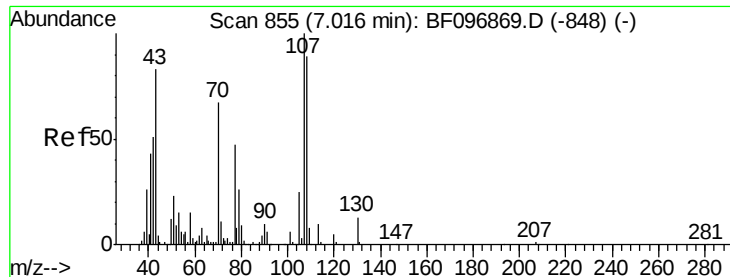
Tgt Ion:107 Resp: 210917
Ion Ratio Lower Upper
107 100
108 112.6 93.4 140.0
77 51.6 35.8 53.6
79 48.4 34.8 52.2



#18
Hexachloroethane
Concen: 40.22 ng
RT: 7.08 min Scan# 866
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion:117 Resp: 100132
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
201 87.8 94.6 141.8#

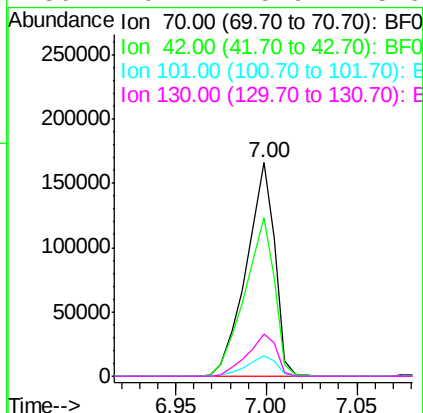




#19
n-Nitroso-di-n-propylamine
Concen: 41.36 ng
RT: 7.00 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

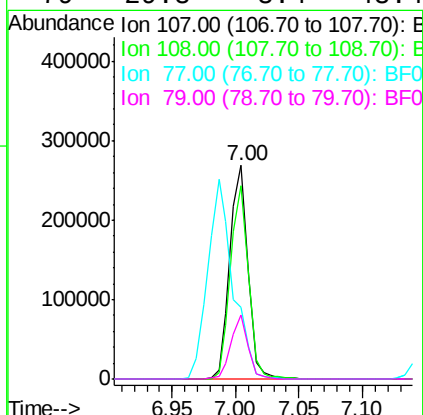
Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

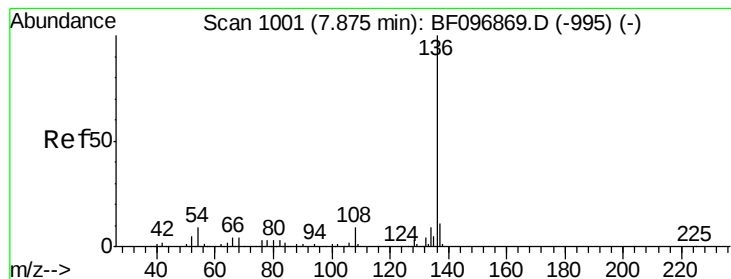
Tgt Ion: 70 Resp: 180768
Ion Ratio Lower Upper
70 100
42 74.5 47.2 70.8#
101 9.9 7.2 10.8
130 19.7 15.9 23.9



#20
3+4-Methylphenols
Concen: 43.33 ng
RT: 7.00 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion: 107 Resp: 266685
Ion Ratio Lower Upper
107 100
108 90.7 71.0 111.0
77 33.4 90.5 130.5#
79 29.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tgt Ion:136 Resp: 383589

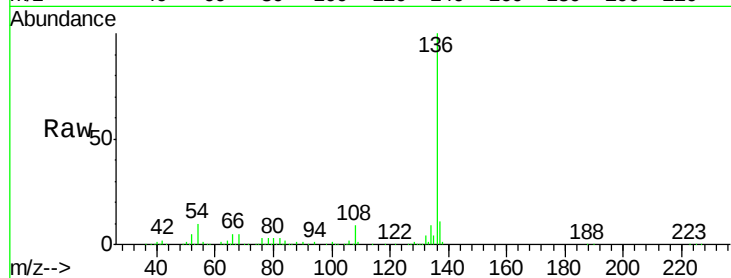
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.6 4.9 7.3#

68 4.6 4.1 6.1

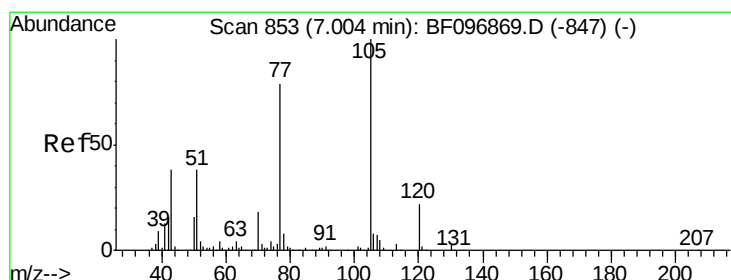
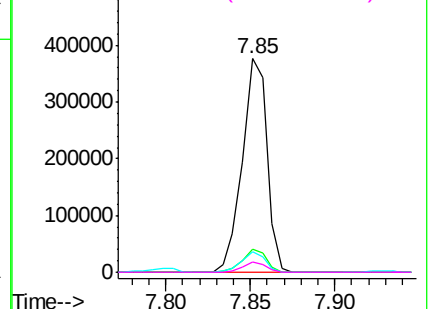
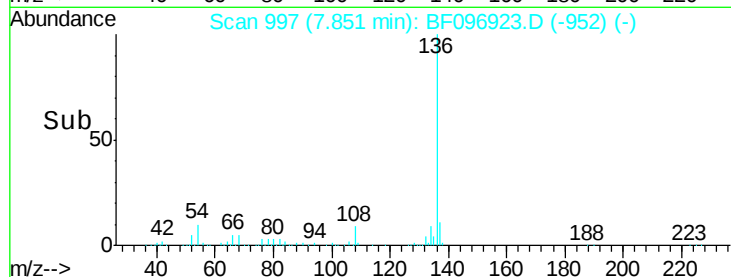


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.50 ng

RT: 6.99 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion:105 Resp: 364403

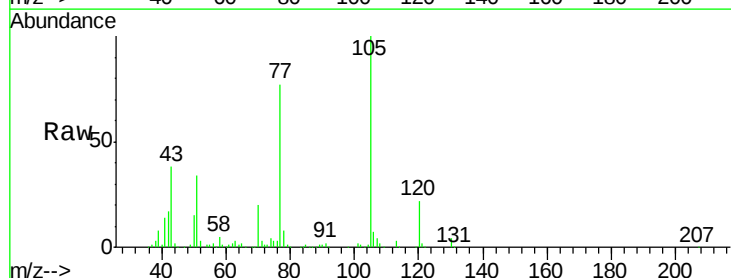
Ion Ratio Lower Upper

105 100

71 3.2 2.8 4.2

51 34.4 30.7 46.1

120 21.7 17.4 26.0

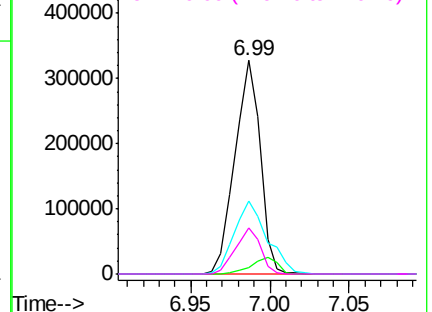
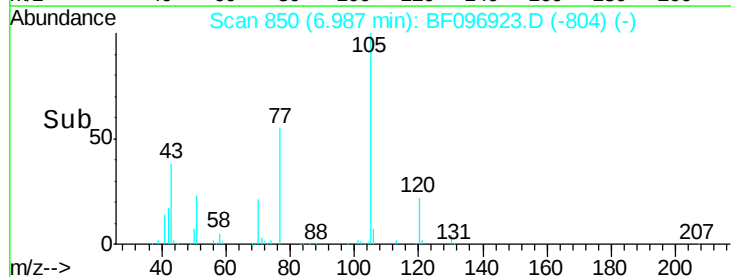


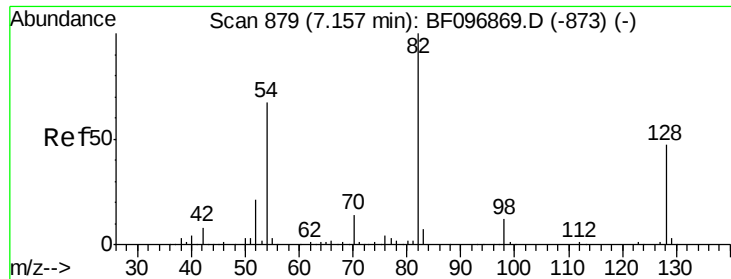
Abundance Ion 105.00 (104.70 to 105.70): E

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

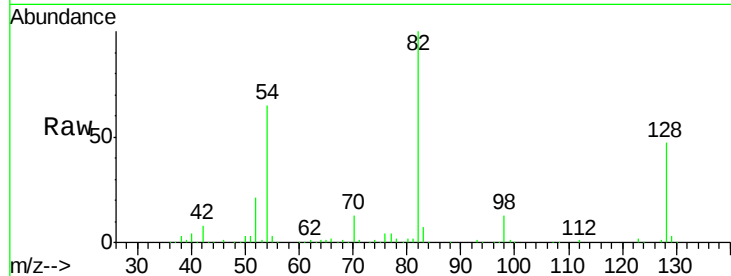




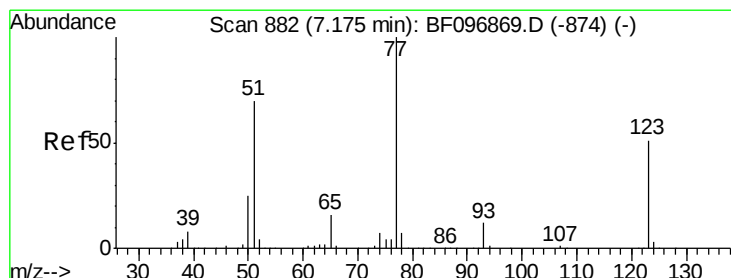
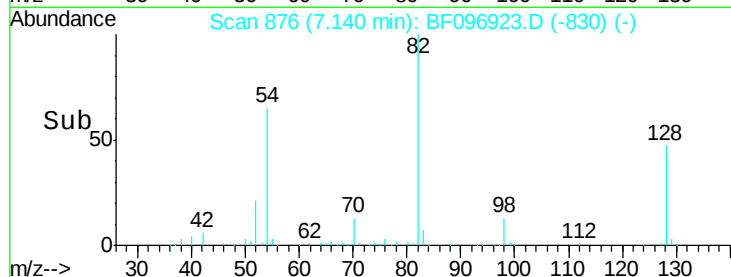
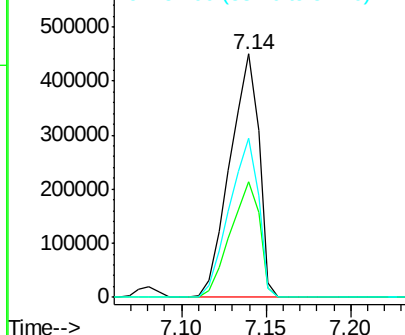
#23
 Nitrobenzene-d5
 Concen: 86.96 ng
 RT: 7.14 min Scan# 876
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tgt Ion: 82 Resp: 538524
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 65.4 42.2 63.2#

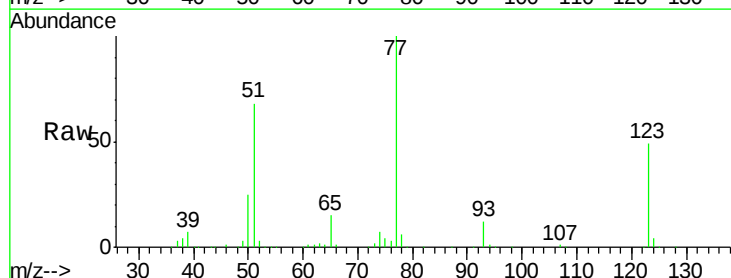


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

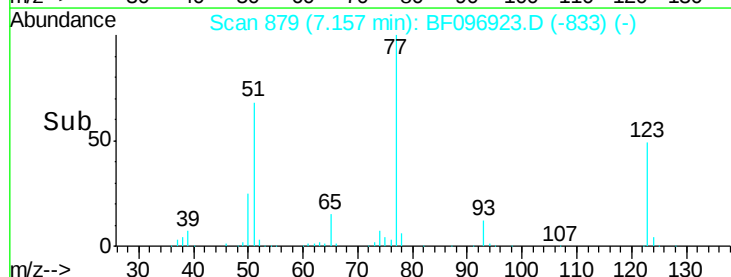
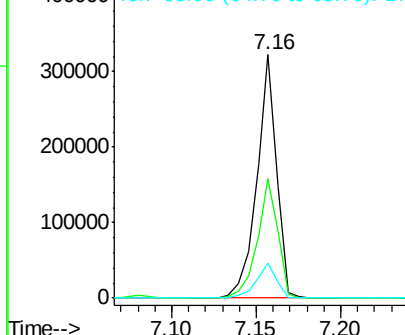


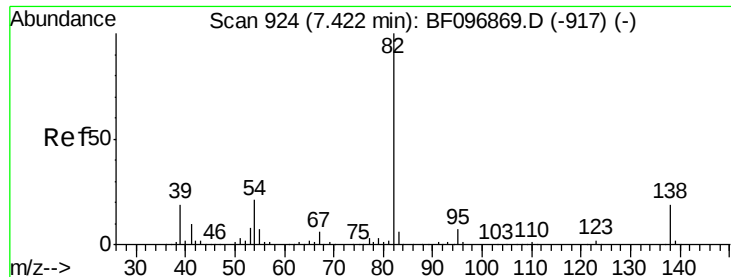
#24
 Nitrobenzene
 Concen: 41.24 ng
 RT: 7.16 min Scan# 879
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion: 77 Resp: 264106
 Ion Ratio Lower Upper
 77 100
 123 48.8 35.8 53.8
 65 14.6 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: 41.08 ng

RT: 7.40 min Scan# 921

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

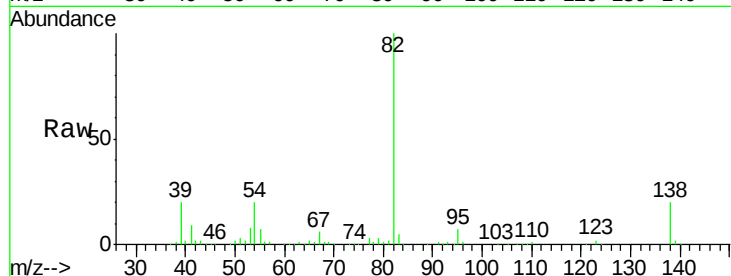
Tgt Ion: 82 Resp: 473309

Ion Ratio Lower Upper

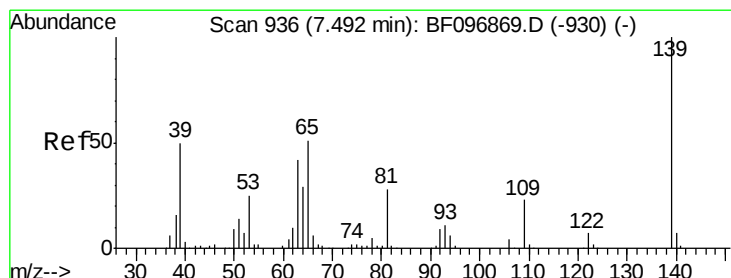
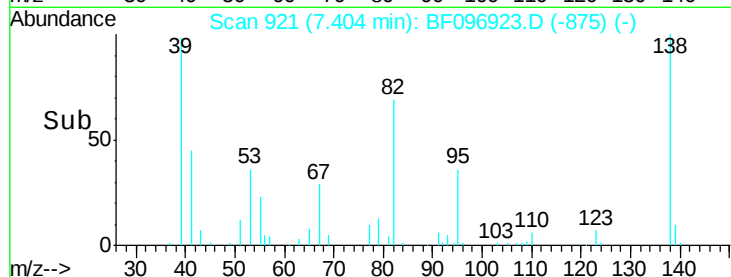
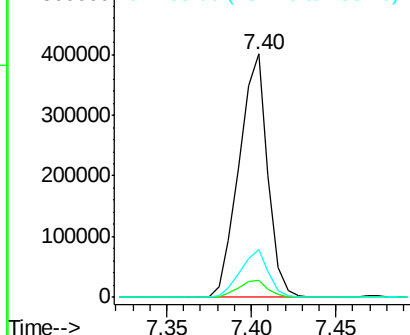
82 100

95 7.1 5.3 7.9

138 19.8 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: 42.75 ng

RT: 7.47 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

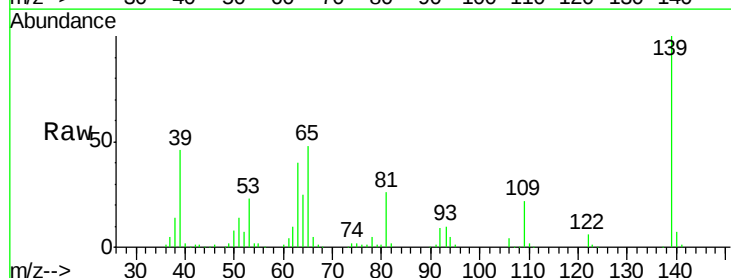
Tgt Ion: 139 Resp: 152231

Ion Ratio Lower Upper

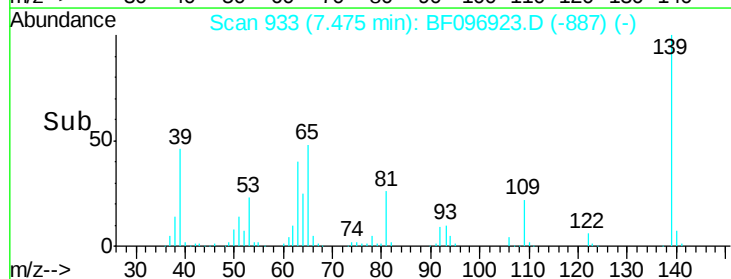
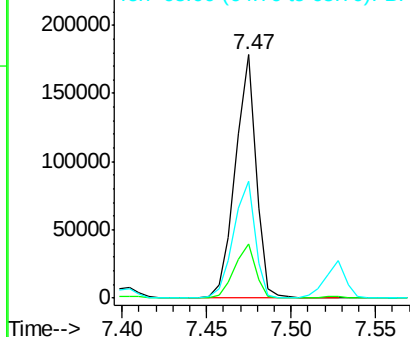
139 100

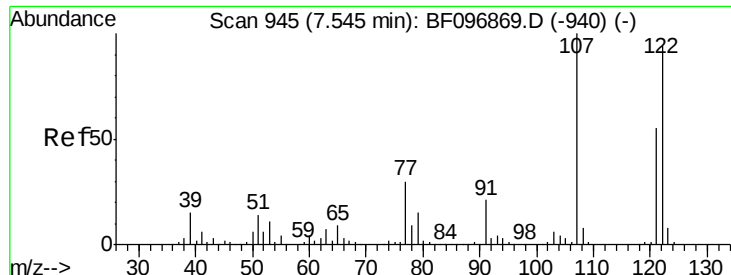
109 22.4 21.0 31.6

65 48.0 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

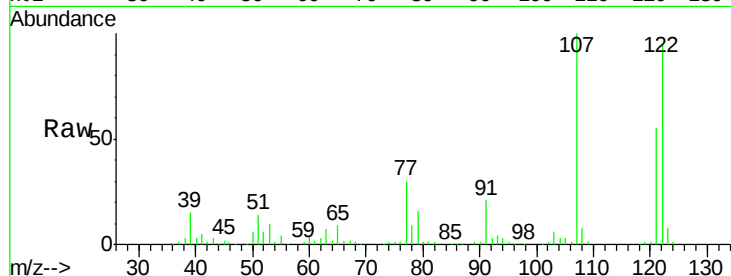




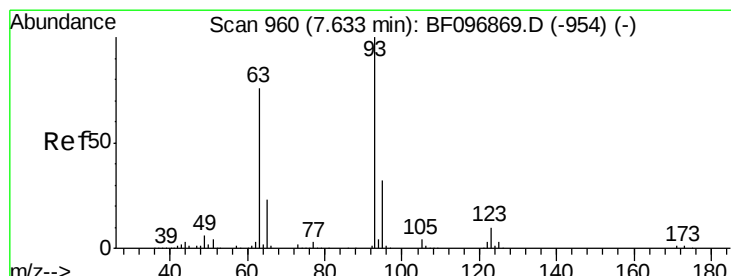
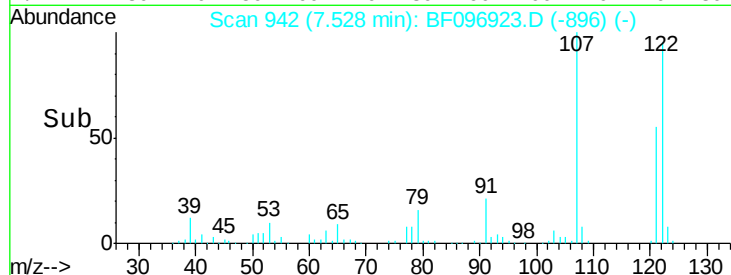
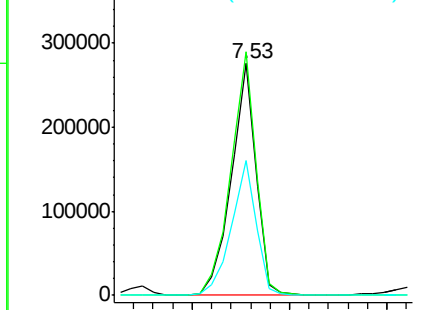
#27
 2,4-Dimethylphenol
 Concen: 41.57 ng
 RT: 7.53 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.2	89.2	133.8
121	58.2	45.2	67.8

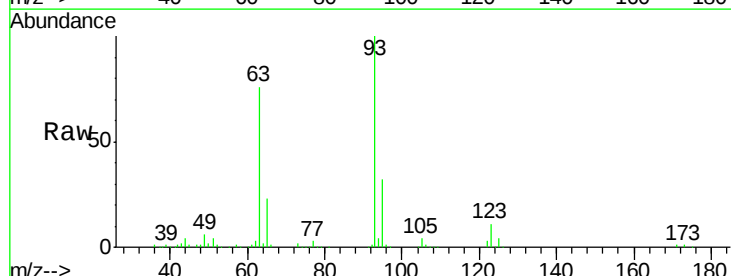


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

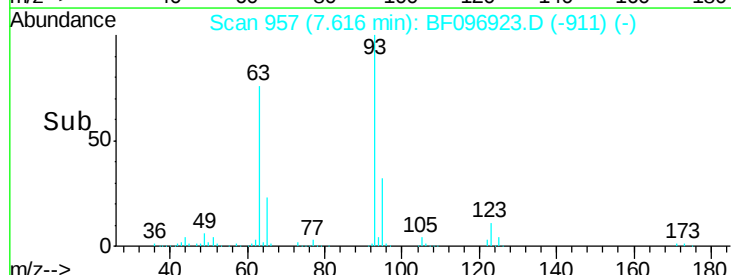
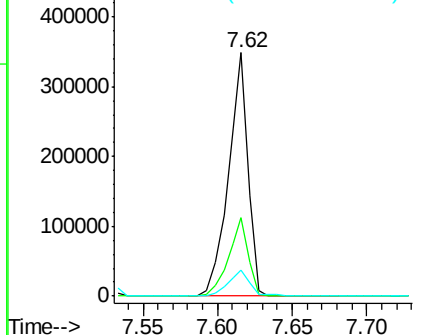


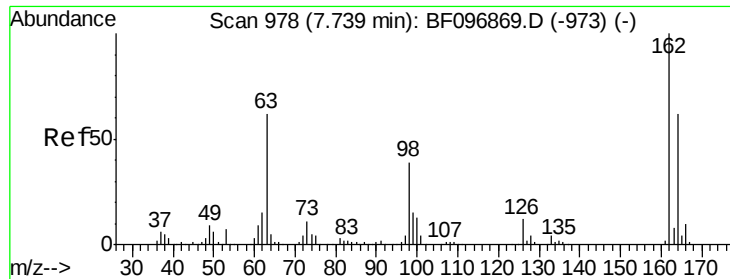
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.59 ng
 RT: 7.62 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	10.9	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

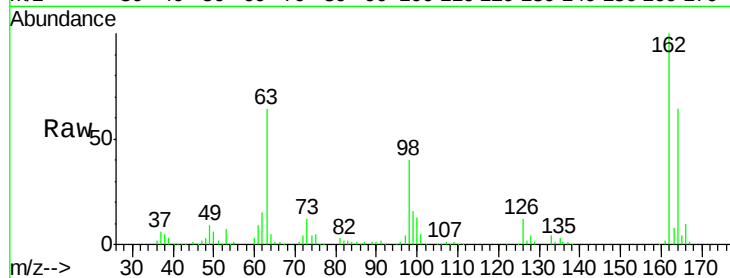




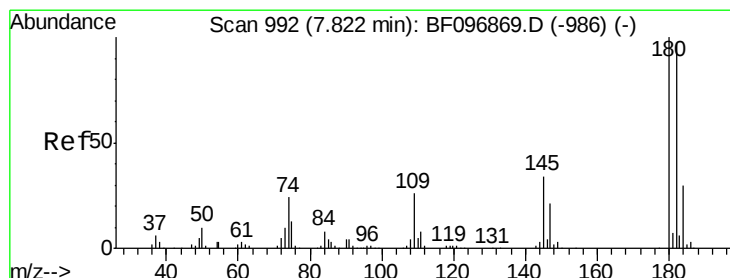
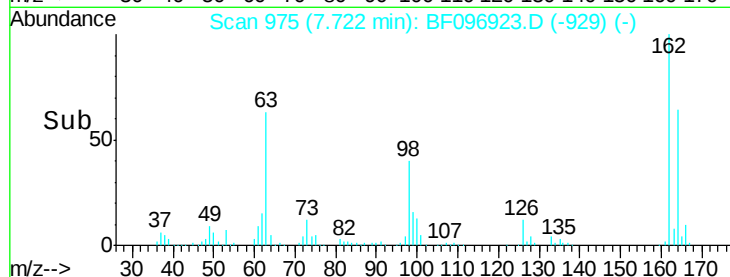
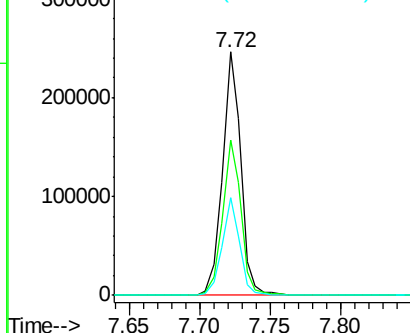
#29
2,4-Dichlorophenol
Concen: 41.92 ng
RT: 7.72 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	40.2	14.8	54.8

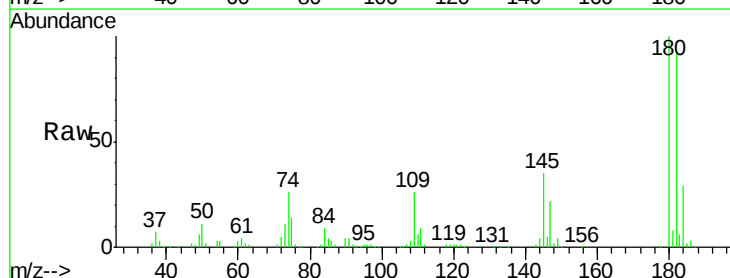


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

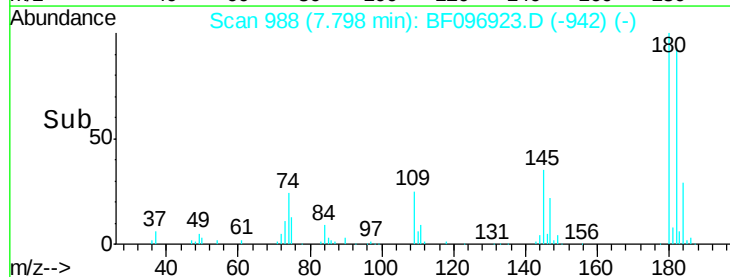
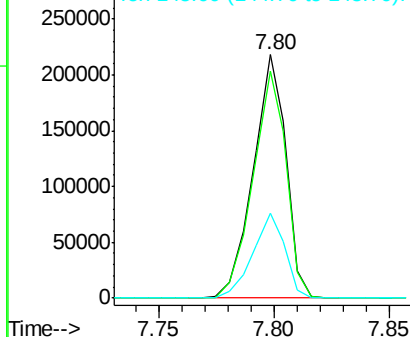


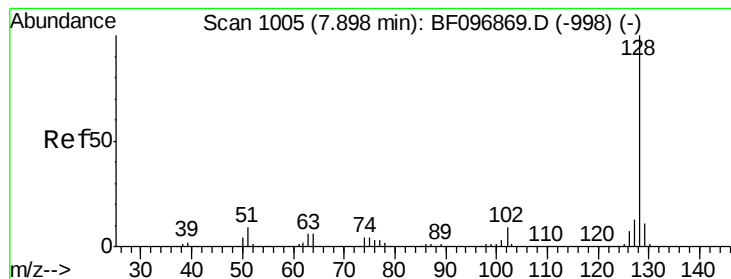
#30
1,2,4-Trichlorobenzene
Concen: 42.70 ng
RT: 7.80 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.8	113.6
145	34.8	25.3	37.9



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





#31

Naphthalene

Concen: 42.31 ng

RT: 7.87 min Scan# 1001

Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

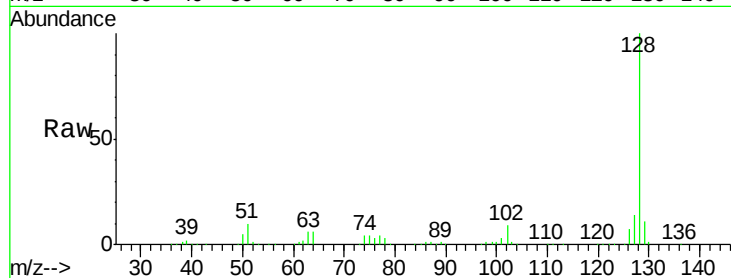
Tgt Ion:128 Resp: 768838

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

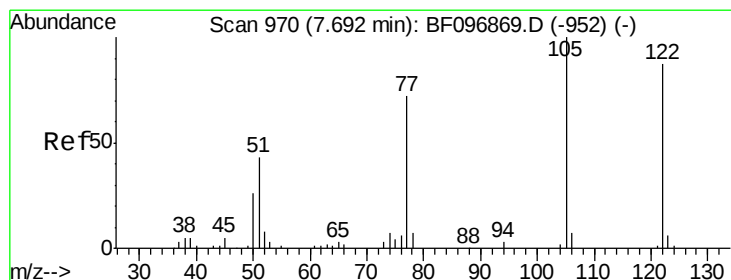
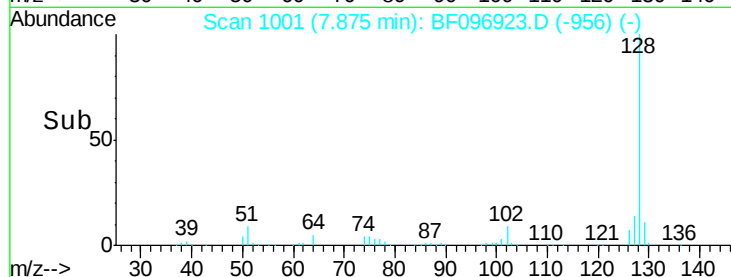
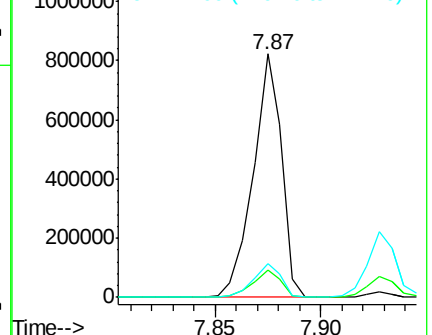
127 13.8 10.8 16.2



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: 12.33 ng

RT: 7.64 min Scan# 961

Delta R.T. -0.07 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

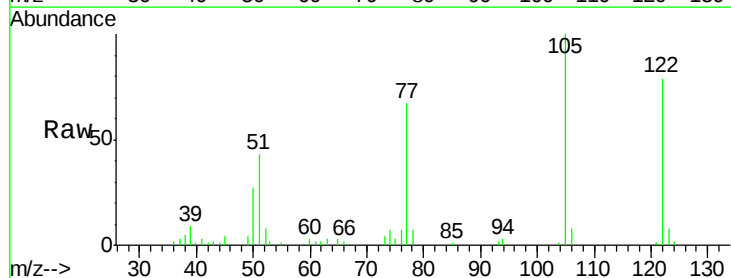
Tgt Ion:122 Resp: 46184

Ion Ratio Lower Upper

122 100

105 126.2 103.3 143.3

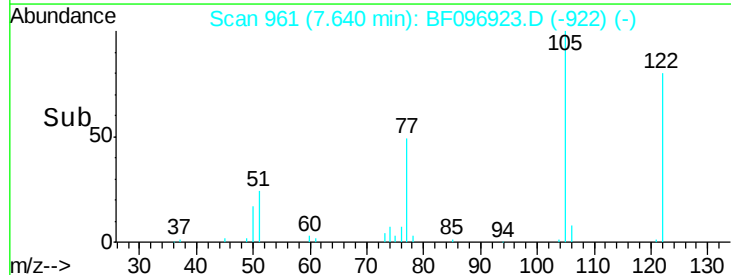
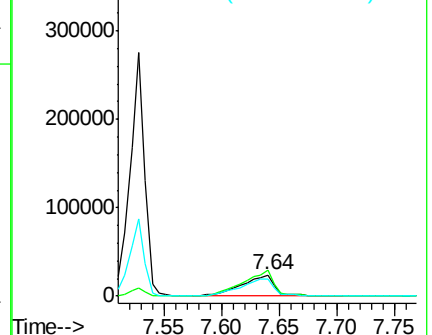
77 84.1 73.7 113.7

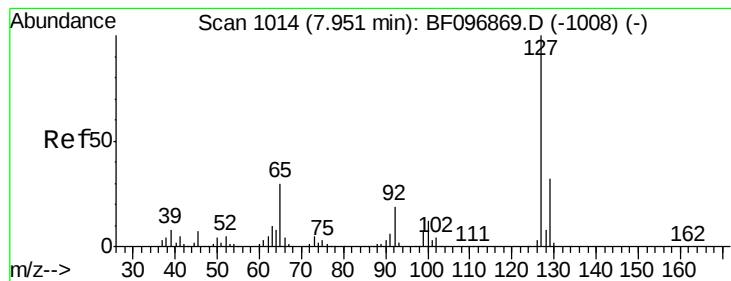


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 29.92 ng

RT: 7.93 min Scan# 1010

Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tgt Ion:127 Resp: 215396

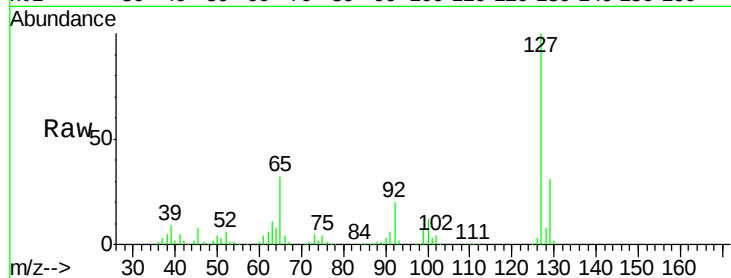
Ion Ratio Lower Upper

127 100

129 31.4 26.2 39.2

65 31.8 27.8 41.8

92 20.3 16.8 25.2

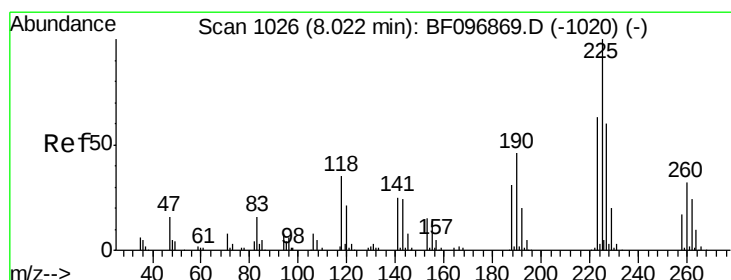
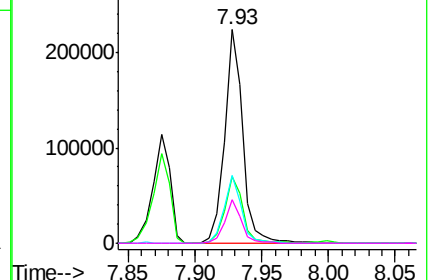
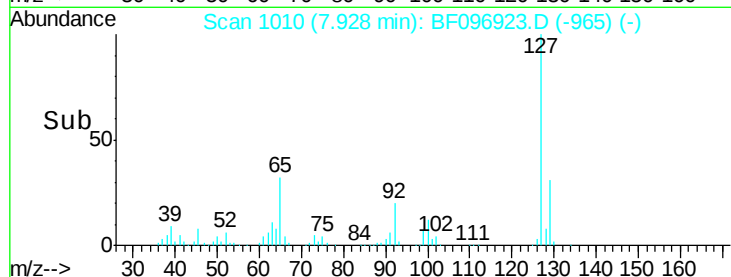


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.93 ng

RT: 8.00 min Scan# 1022

Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

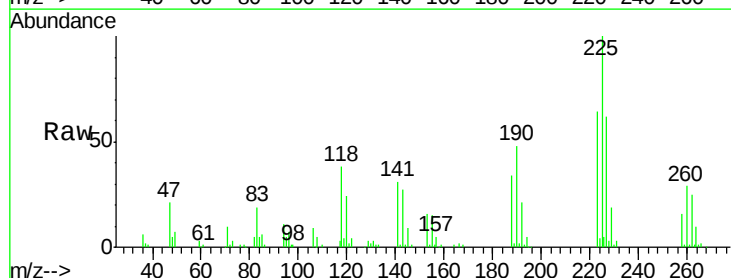
Tgt Ion:225 Resp: 112859

Ion Ratio Lower Upper

225 100

223 63.5 48.8 73.2

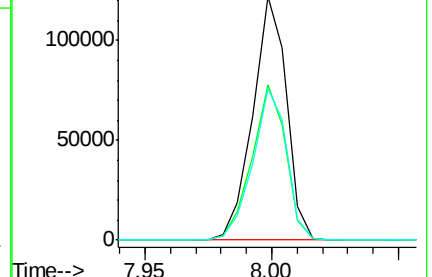
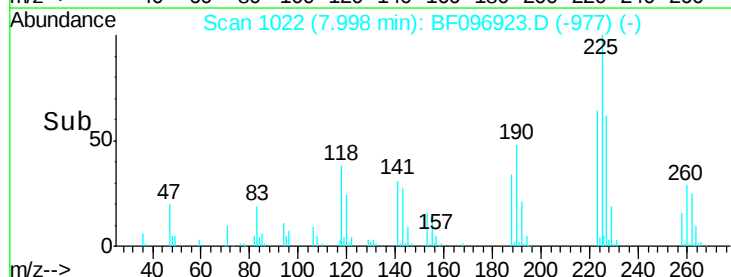
227 62.1 51.1 76.7

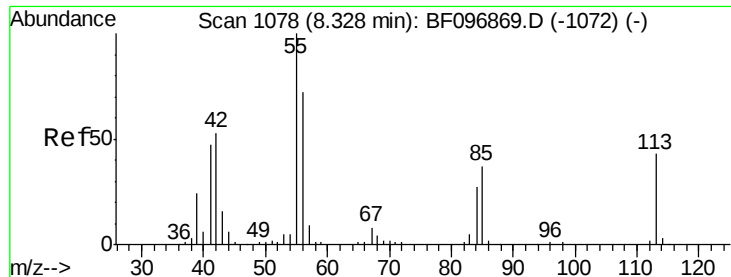


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

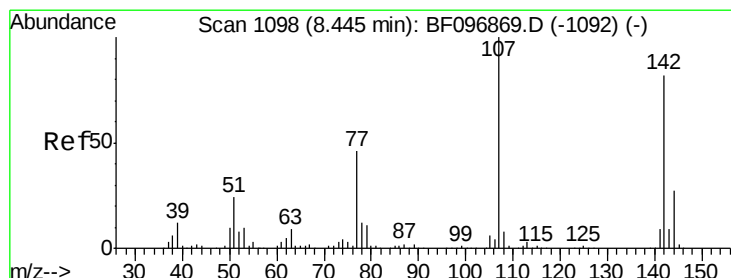
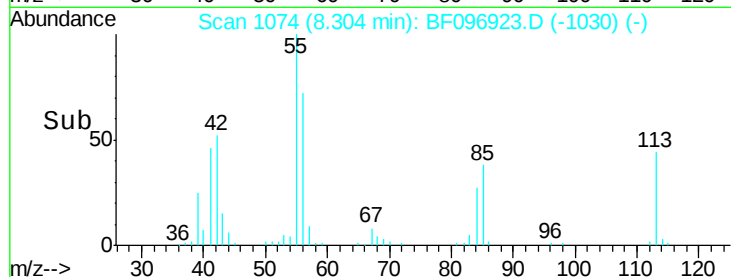
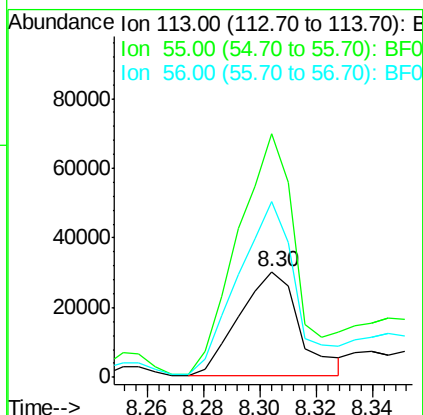
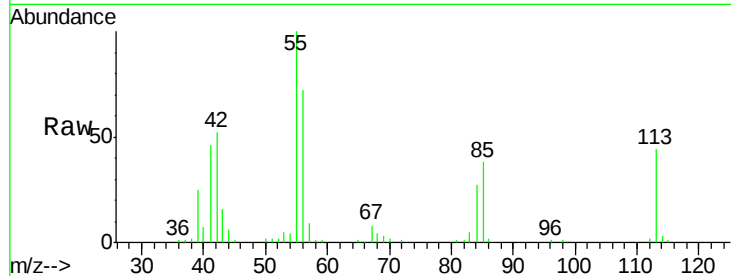




#35
 Caprolactam
 Concen: 26.45 ng
 RT: 8.30 min Scan# 1074
 Delta R.T. -0.04 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

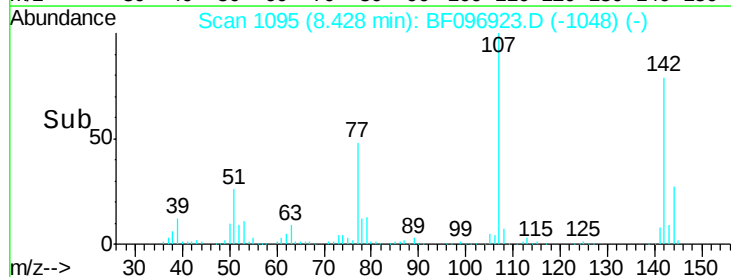
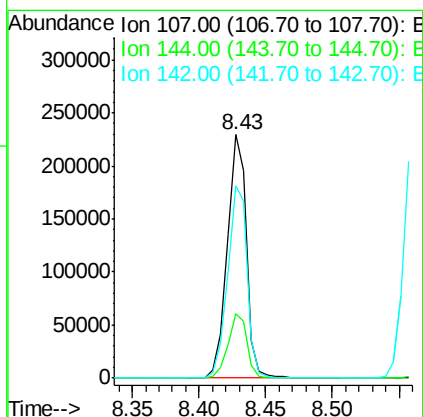
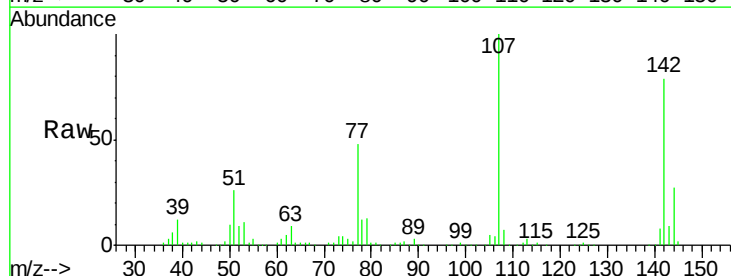
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

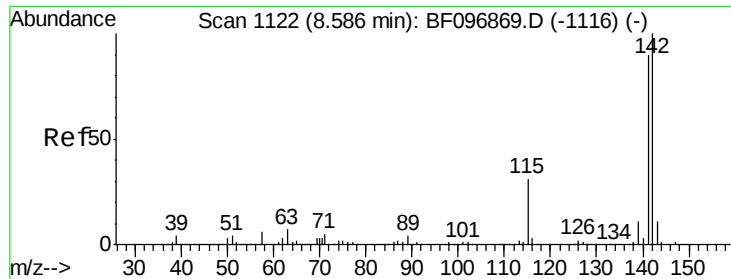
Tgt Ion:113 Resp: 44950
 Ion Ratio Lower Upper
 113 100
 55 229.8 150.2 190.2#
 56 165.5 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.73 ng
 RT: 8.43 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion:107 Resp: 232238
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 79.1 73.4 110.0

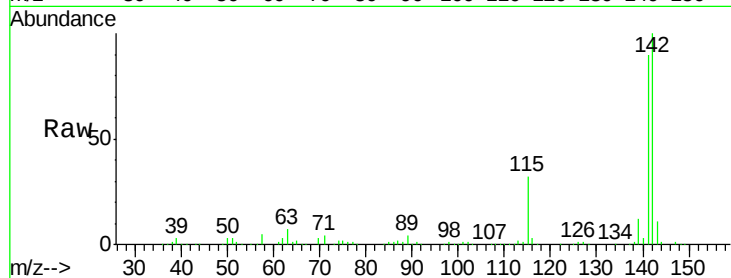




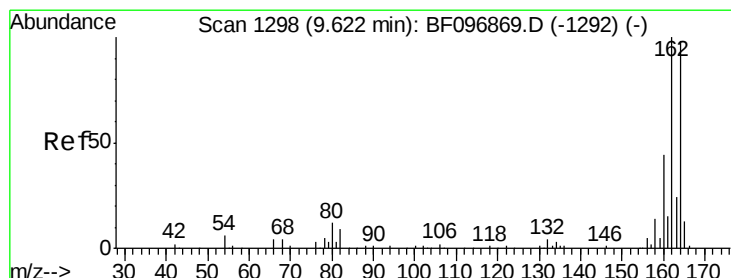
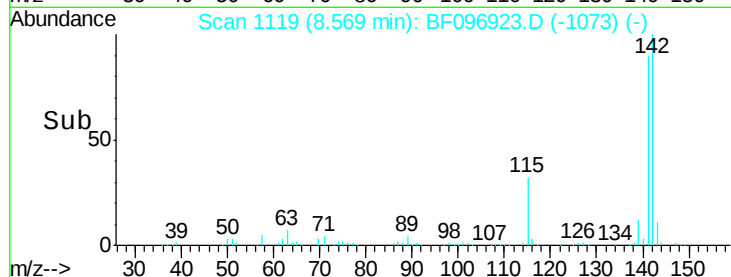
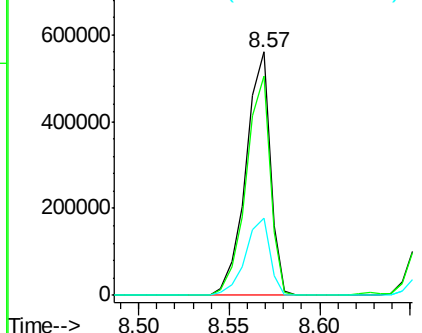
#37
2-Methylnaphthalene
Concen: 45.36 ng
RT: 8.57 min Scan# 1119
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tgt Ion:142 Resp: 525472
Ion Ratio Lower Upper
142 100
141 90.0 71.3 106.9
115 31.5 27.1 40.7

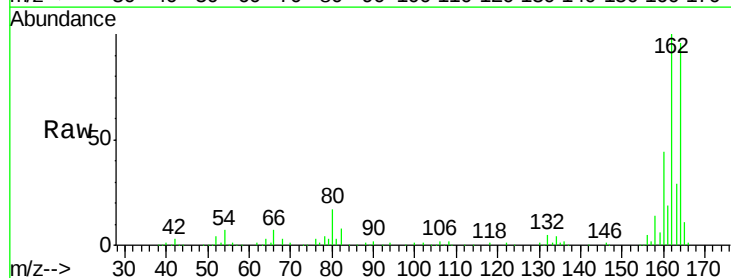


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

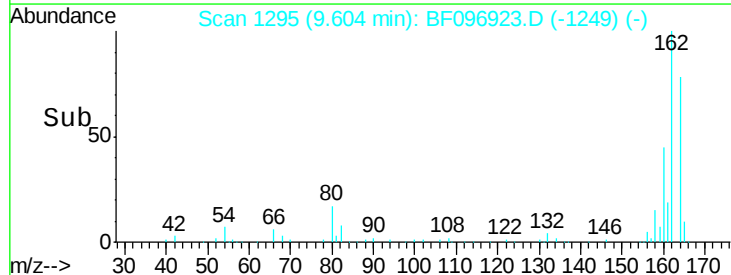
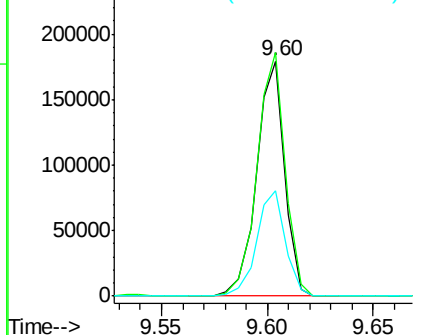


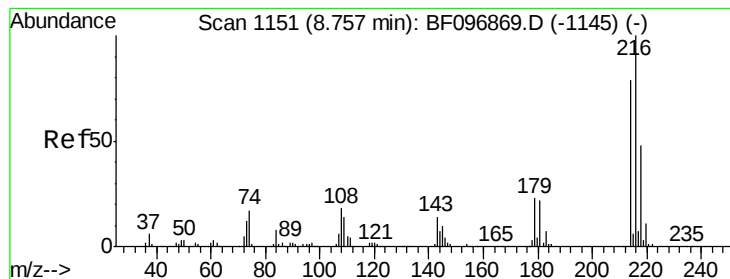
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion:164 Resp: 165304
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 45.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.80 ng

RT: 8.74 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

Tgt Ion:216 Resp: 191234

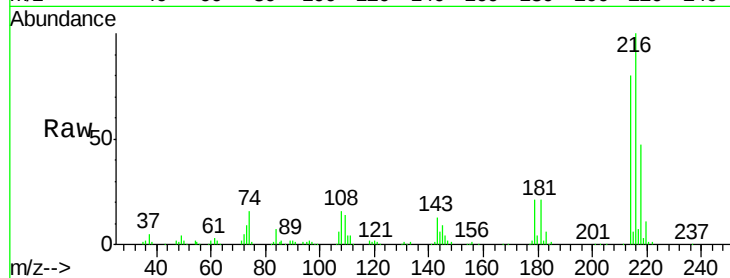
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 22.5 17.9 26.9

108 20.2 16.5 24.7

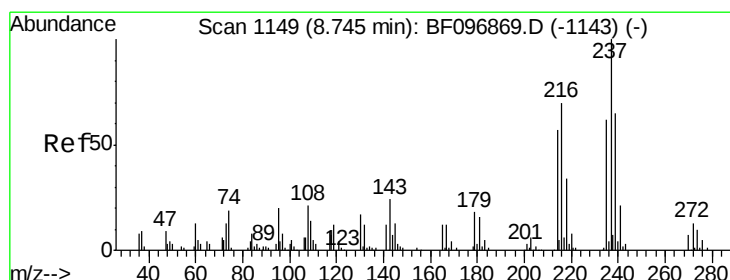
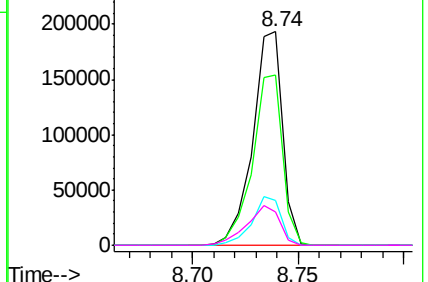
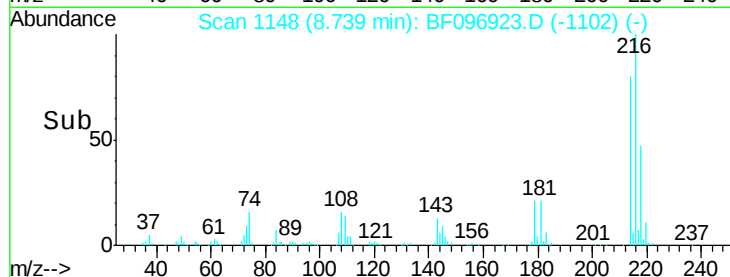


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.15 ng

RT: 8.72 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

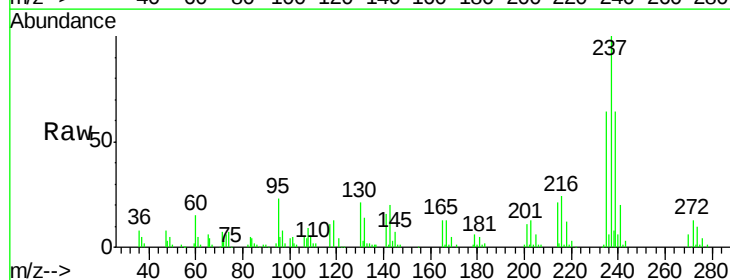
Tgt Ion:237 Resp: 111417

Ion Ratio Lower Upper

237 100

235 63.8 42.6 82.6

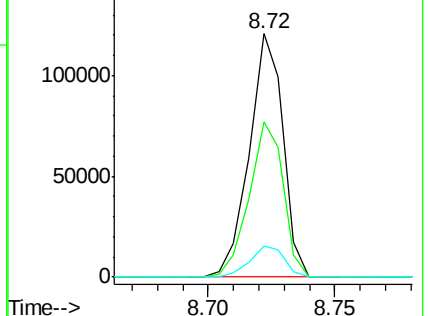
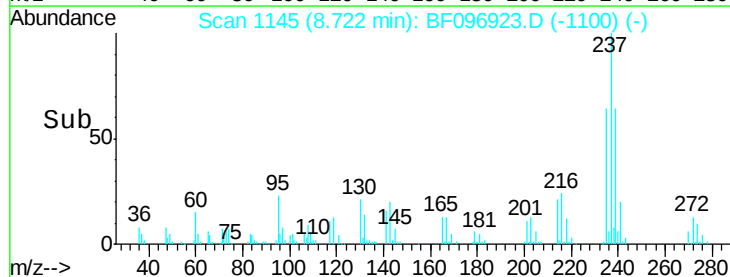
272 12.8 0.0 31.9

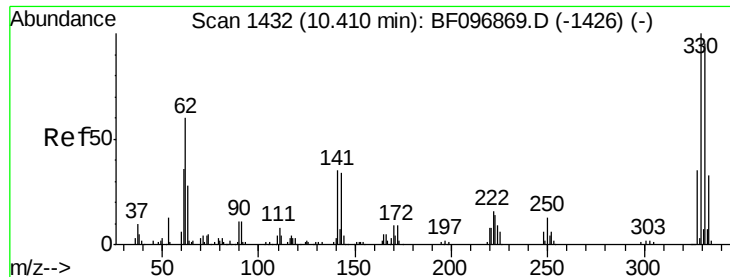


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

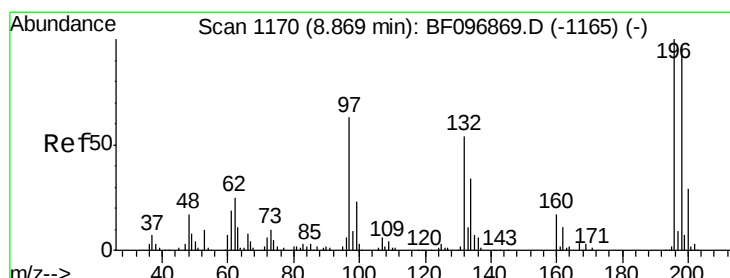
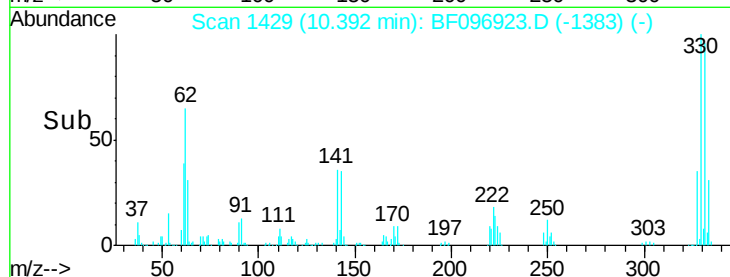
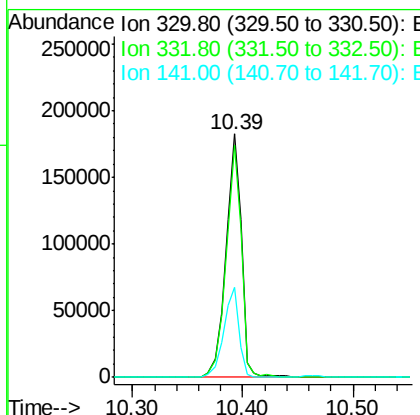
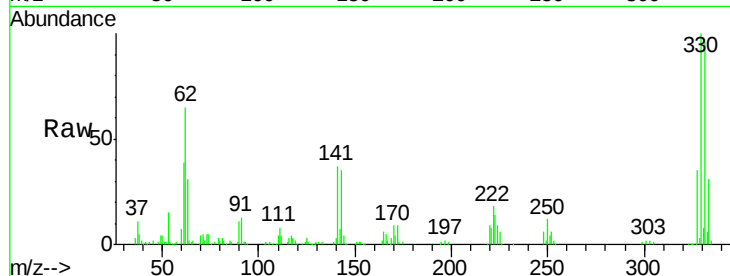




#41
 2,4,6-Tribromophenol
 Concen: 127.41 ng
 RT: 10.39 min Scan# 1429
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

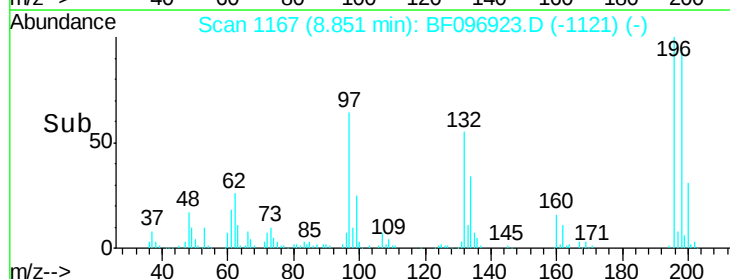
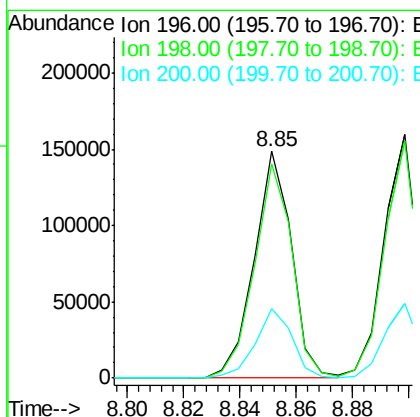
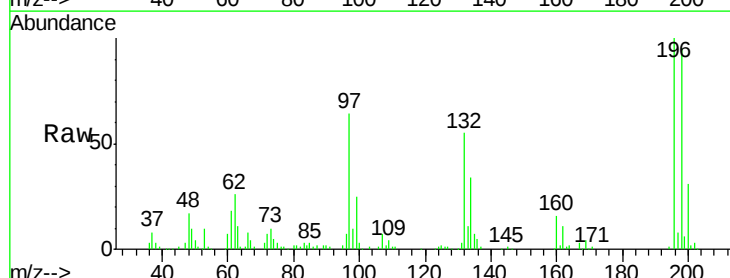
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

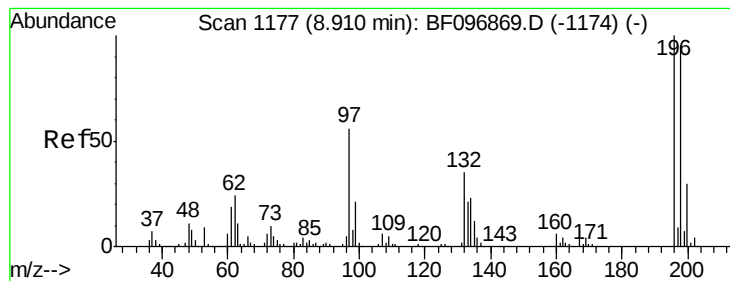
Tgt Ion:330 Resp: 179780
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 36.4 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.41 ng
 RT: 8.85 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion:196 Resp: 136489
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.2 111.4
 200 30.7 24.0 36.0

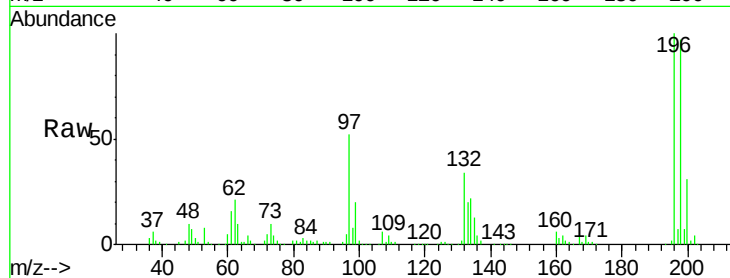




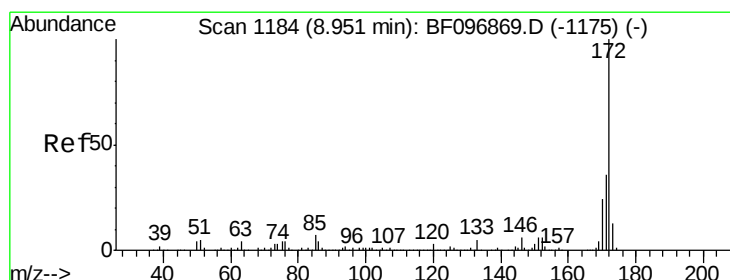
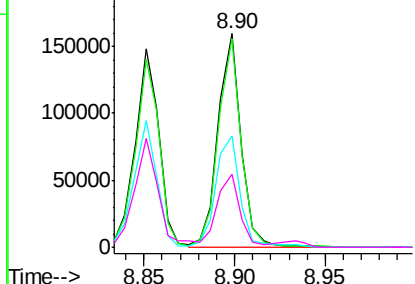
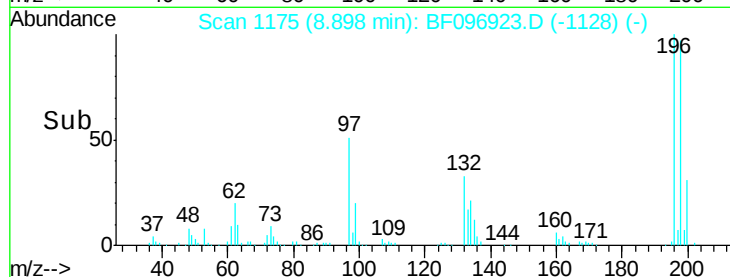
#43
 2,4,5-Trichlorophenol
 Concen: 41.93 ng
 RT: 8.90 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tgt Ion:196 Resp: 139400
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 97 52.1 47.7 71.5
 132 33.9 28.0 42.0

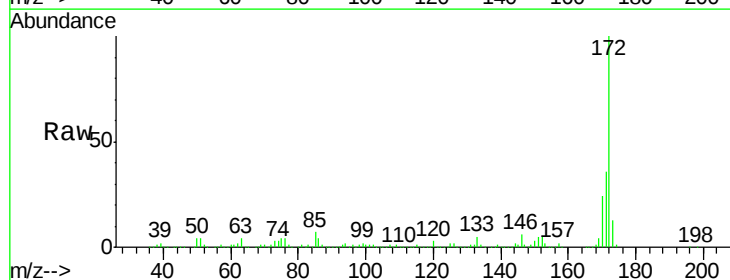


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

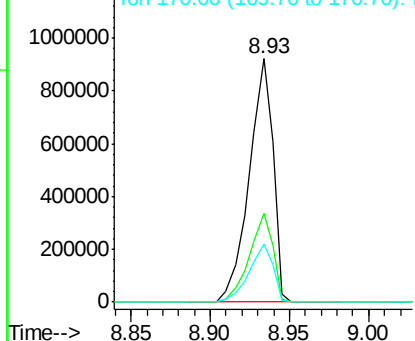
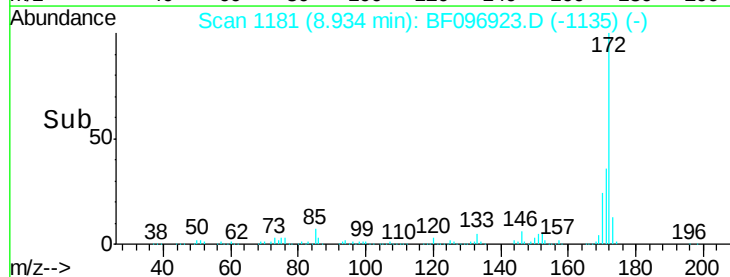


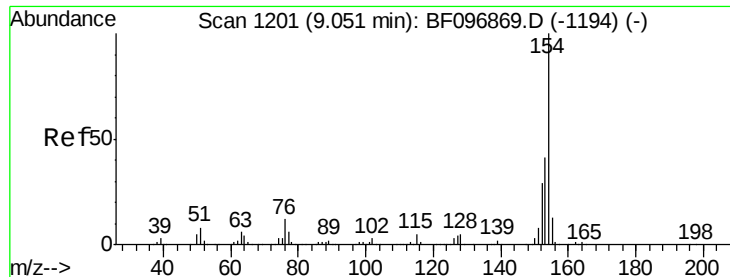
#44
 2-Fluorobiphenyl
 Concen: 91.71 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion:172 Resp: 959587
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.6 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

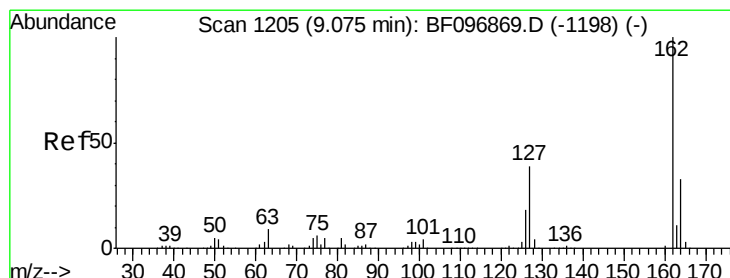
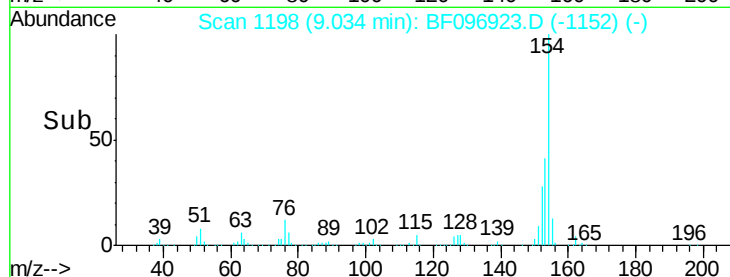
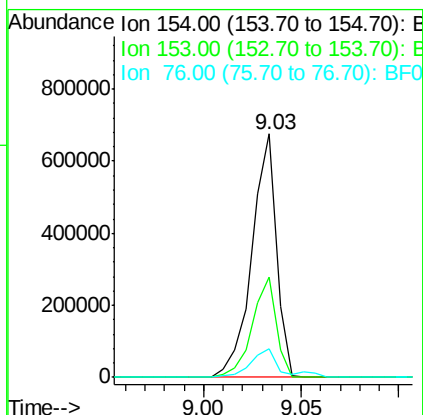
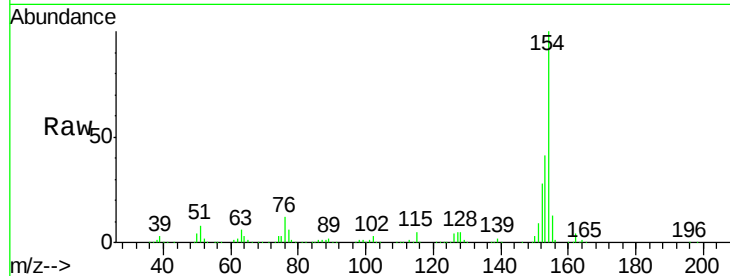




#45
 1,1'-Biphenyl
 Concen: 41.74 ng
 RT: 9.03 min Scan# 1198
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

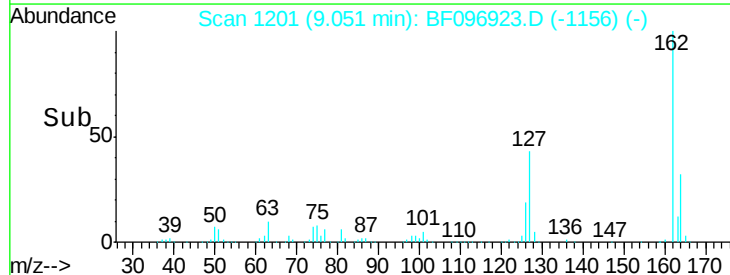
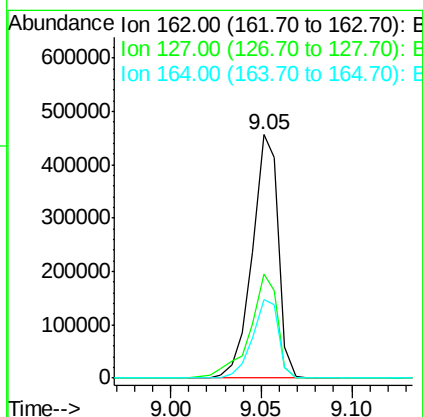
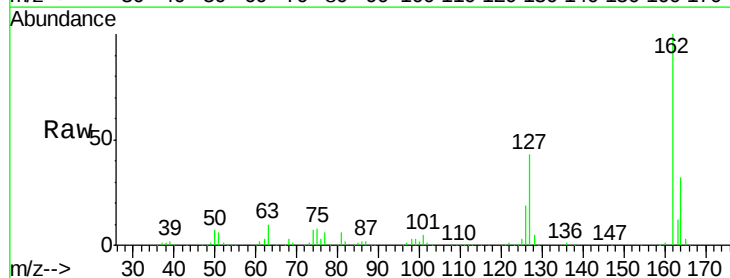
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

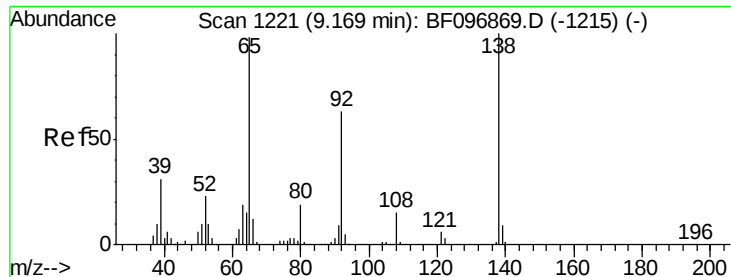
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	11.6	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 43.38 ng
 RT: 9.05 min Scan# 1201
 Delta R.T. -0.04 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	28.3	42.5#
164	32.2	27.0	40.4

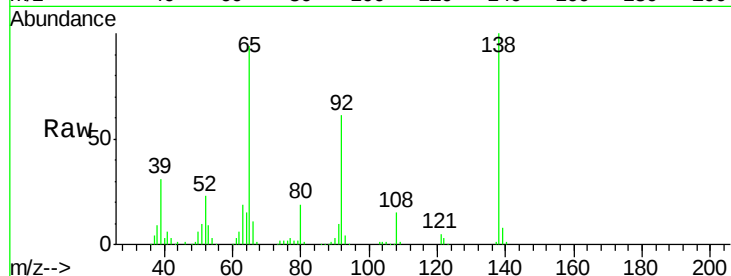




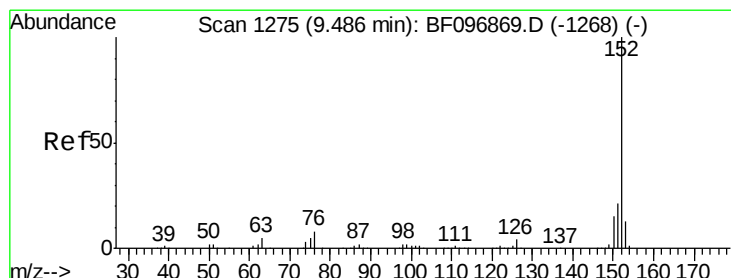
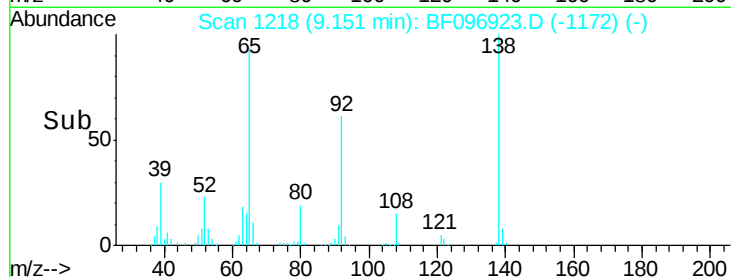
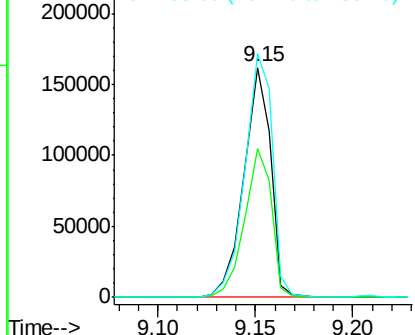
#47
2-Nitroaniline
Concen: 42.92 ng
RT: 9.15 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tgt Ion: 65 Resp: 154007
Ion Ratio Lower Upper
65 100
92 64.7 53.9 80.9
138 106.0 78.8 118.2

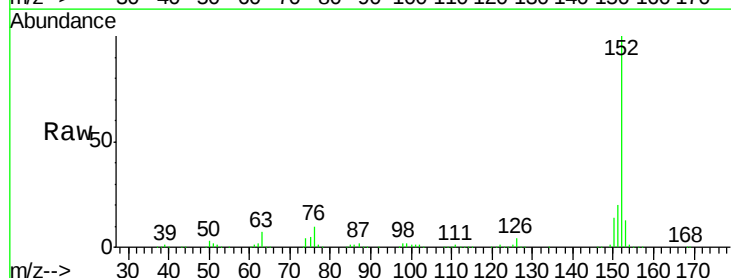


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

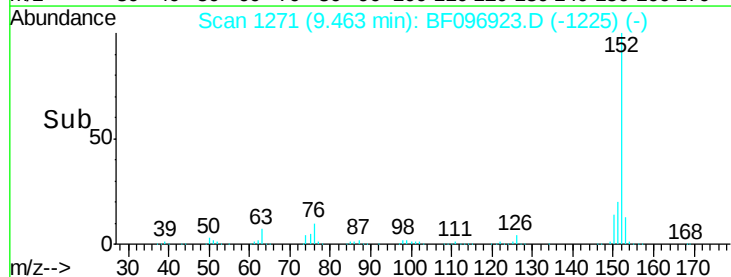
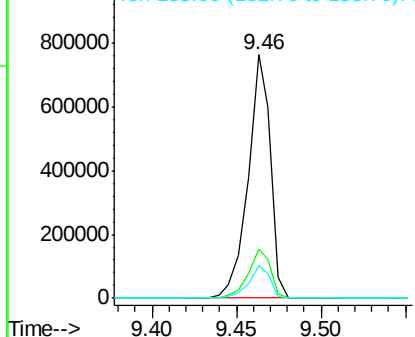


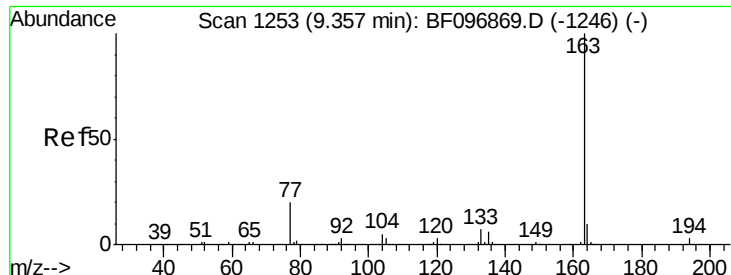
#48
Acenaphthylene
Concen: 42.47 ng
RT: 9.46 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion: 152 Resp: 706420
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.3 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

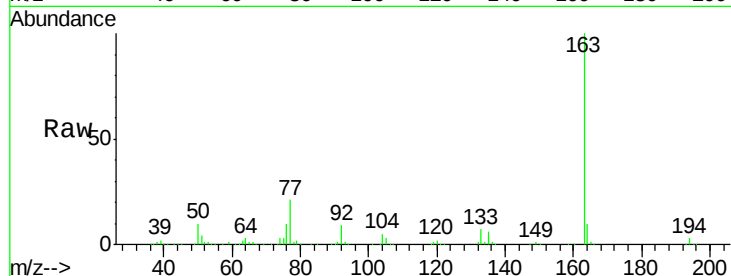




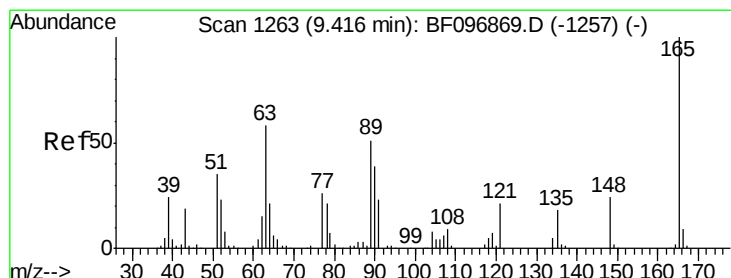
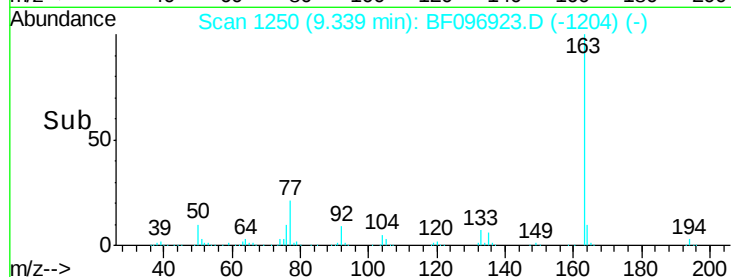
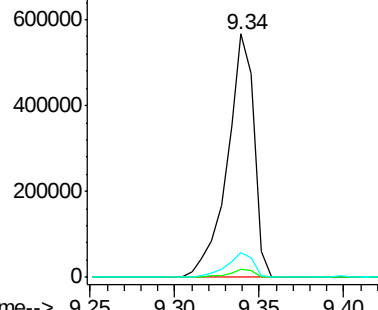
#49
Dimethylphthalate
Concen: 50.00 ng
RT: 9.34 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tgt Ion:163 Resp: 622364
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.4 12.6

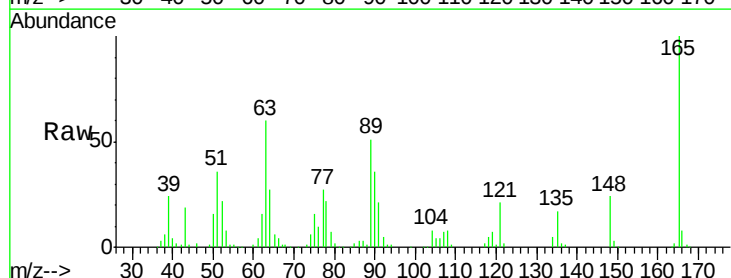


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

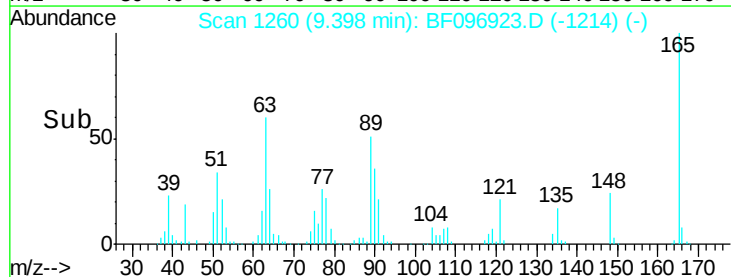
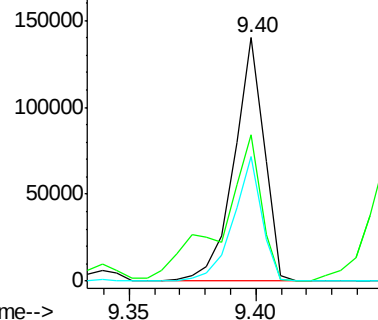


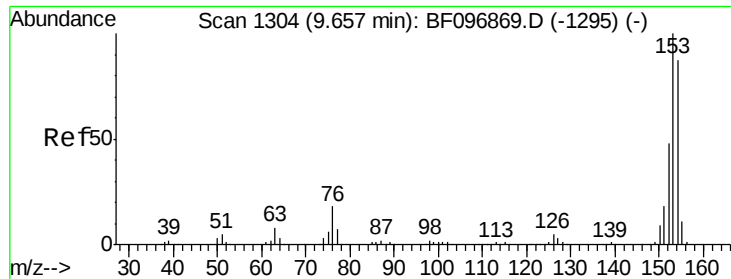
#50
2,6-Dinitrotoluene
Concen: 43.13 ng
RT: 9.40 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion:165 Resp: 116281
Ion Ratio Lower Upper
165 100
63 60.3 34.3 51.5#
89 51.1 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

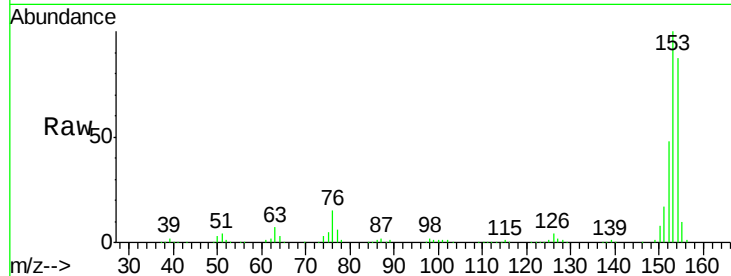




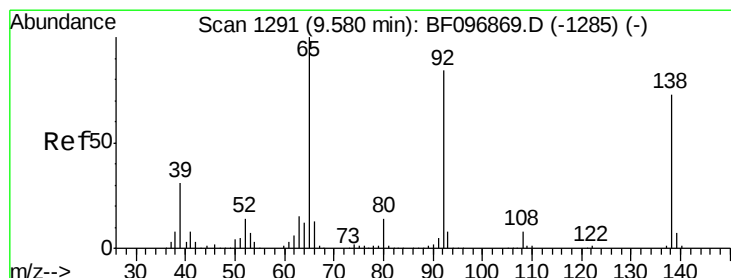
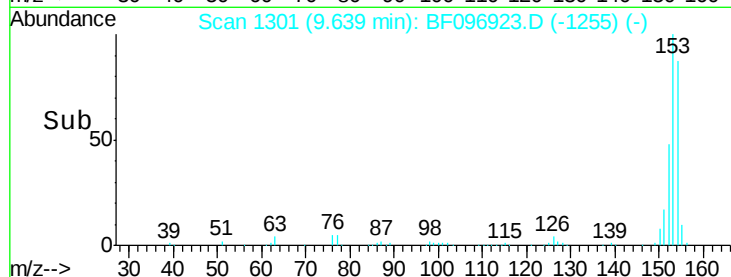
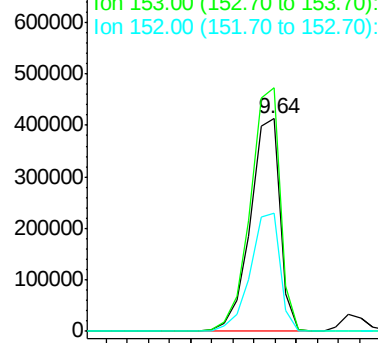
#51
Acenaphthene
Concen: 41.45 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tgt Ion:154 Resp: 407243
Ion Ratio Lower Upper
154 100
153 114.4 90.5 135.7
152 55.2 43.6 65.4

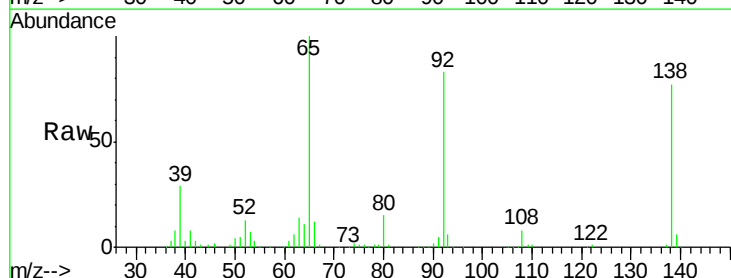


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

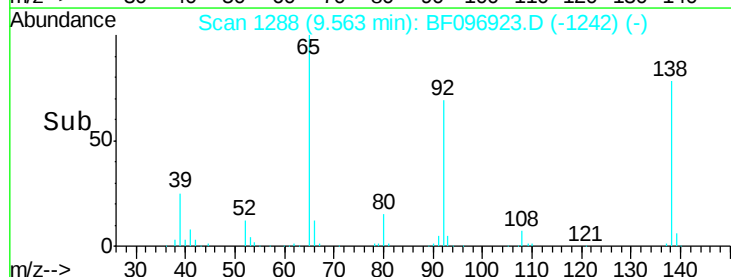
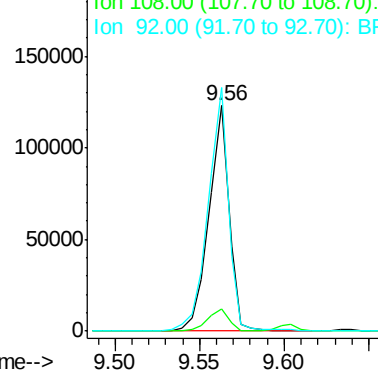


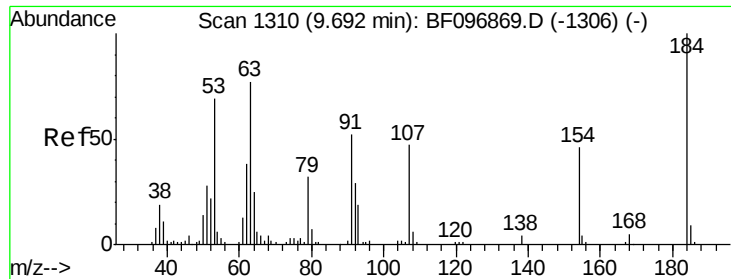
#52
3-Nitroaniline
Concen: 31.99 ng
RT: 9.56 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion:138 Resp: 102166
Ion Ratio Lower Upper
138 100
108 10.1 9.1 13.7
92 108.0 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

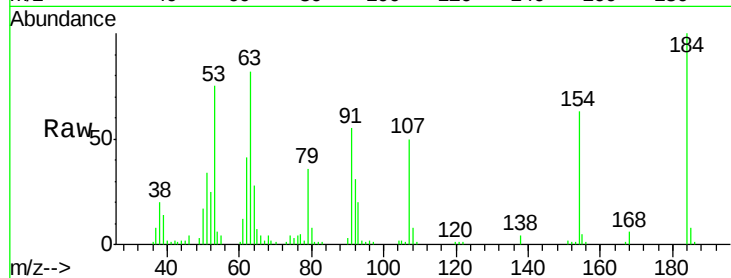




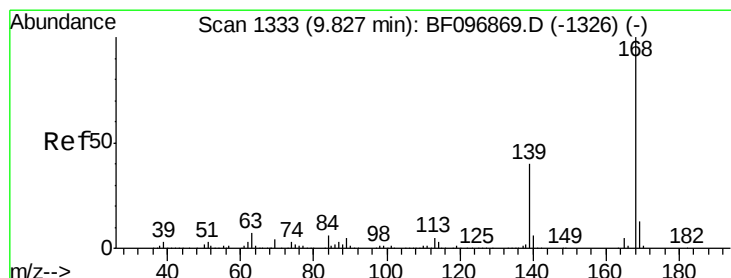
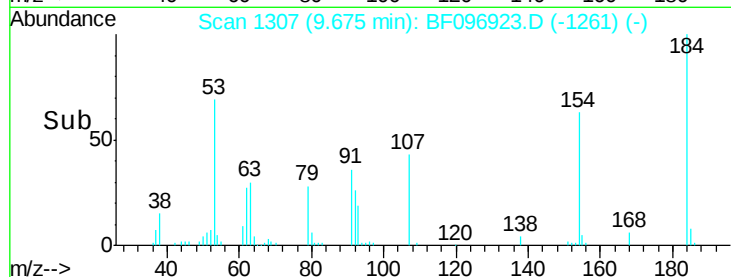
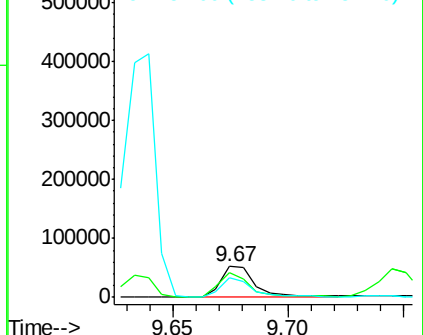
#53
 2,4-Dinitrophenol
 Concen: 44.58 ng
 RT: 9.67 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tgt Ion:184 Resp: 55161
 Ion Ratio Lower Upper
 184 100
 63 82.2 62.7 94.1
 154 62.6 81.1 121.7#

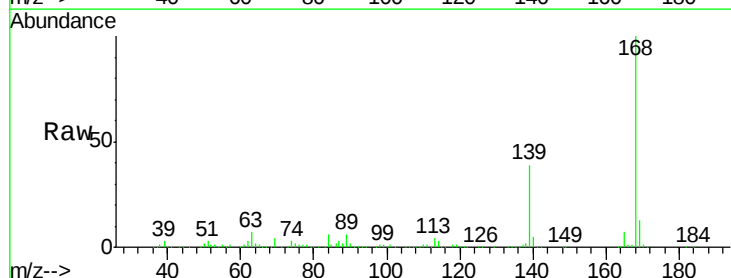


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

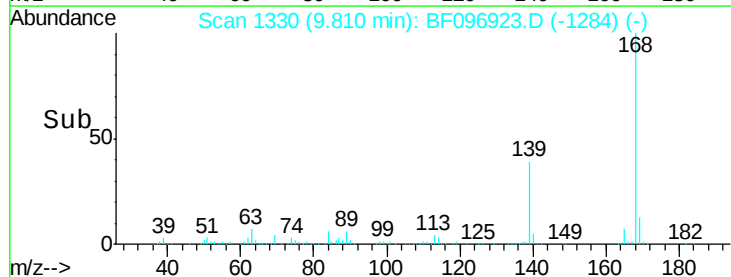
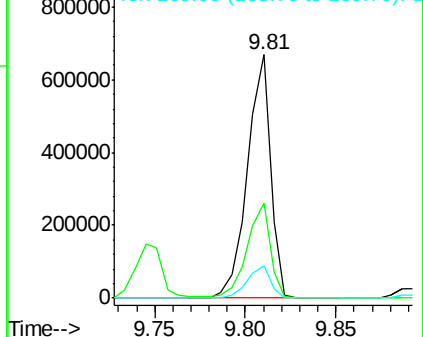


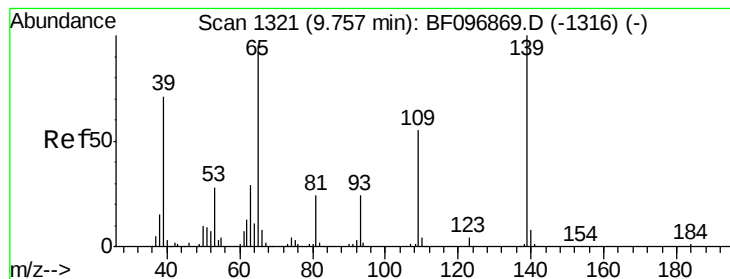
#54
 Dibenzofuran
 Concen: 43.29 ng
 RT: 9.81 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion:168 Resp: 596138
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.1 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: 65.66 ng

RT: 9.75 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

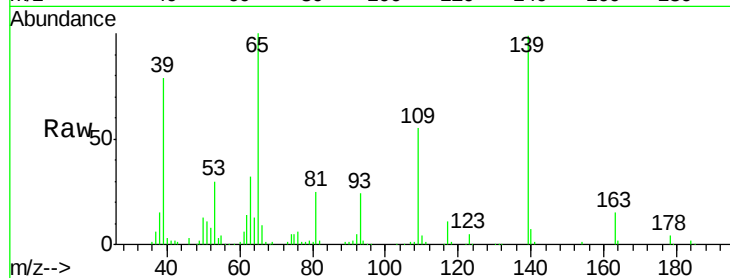
Tgt Ion:139 Resp: 153199

Ion Ratio Lower Upper

139 100

109 55.3 34.1 74.1

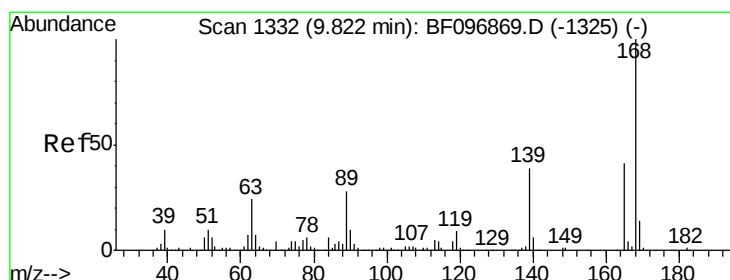
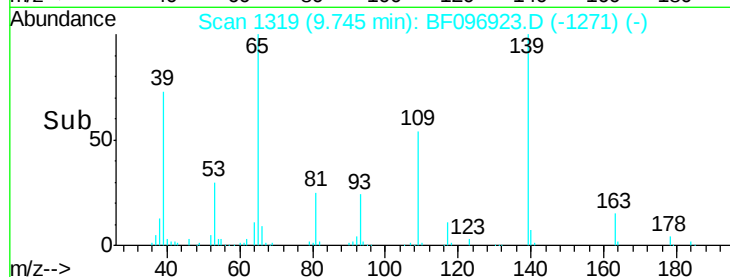
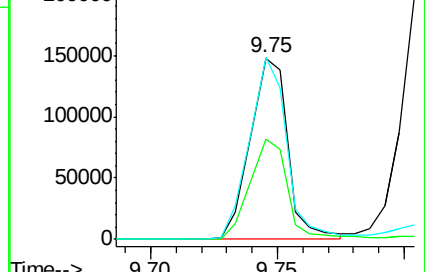
65 100.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.95 ng

RT: 9.80 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion:165 Resp: 138386

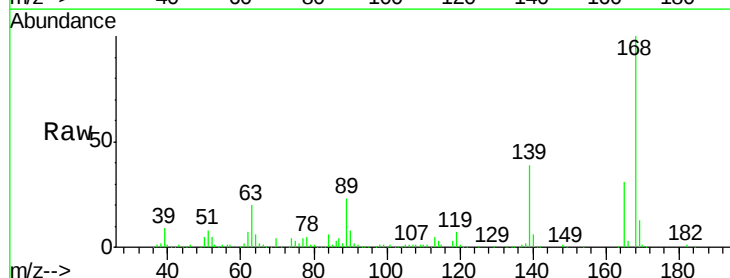
Ion Ratio Lower Upper

165 100

63 63.8 25.4 38.0#

89 72.8 46.4 69.6#

182 2.1 1.8 2.6

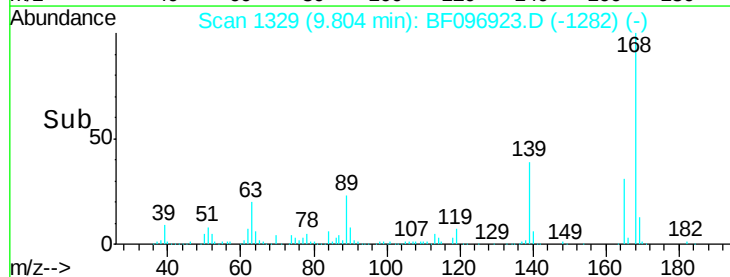
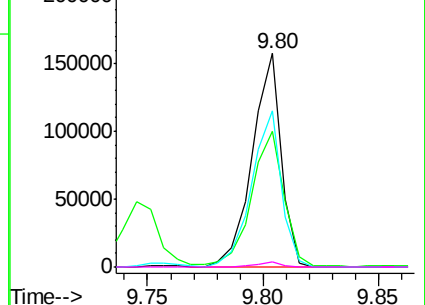


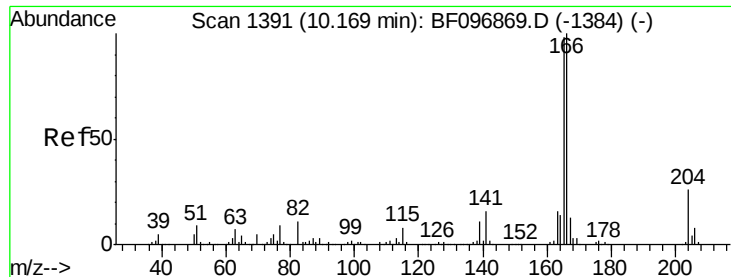
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

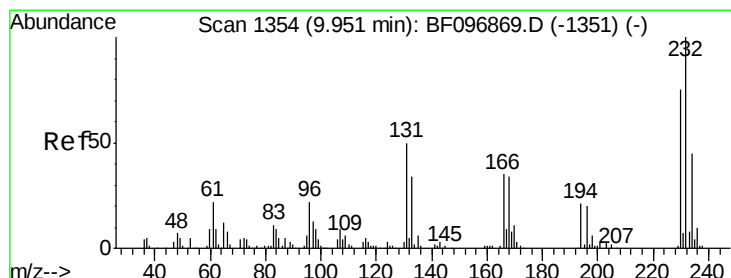
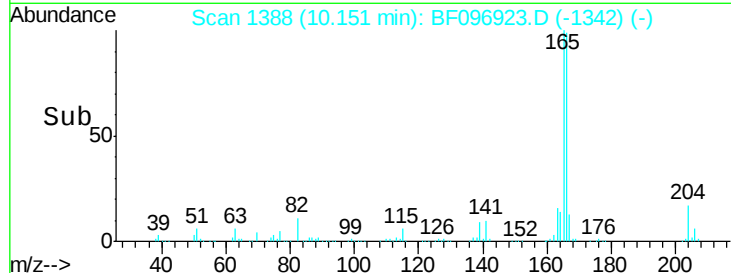
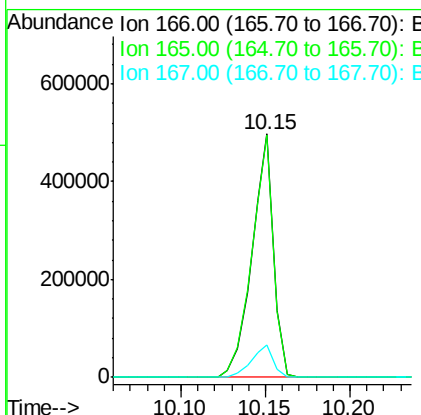
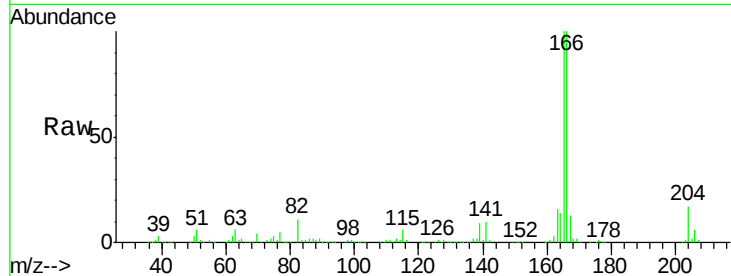




#57
 Fluorene
 Concen: 43.40 ng
 RT: 10.15 min Scan# 1388
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

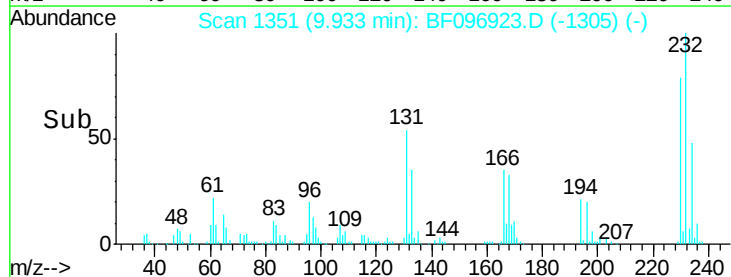
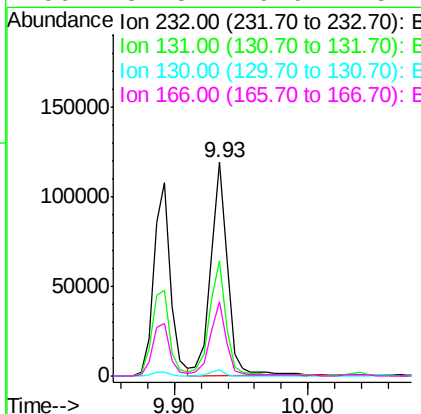
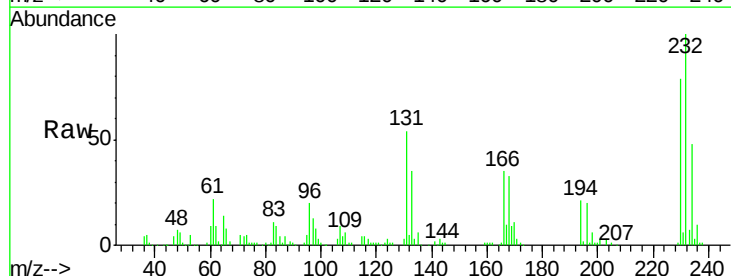
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

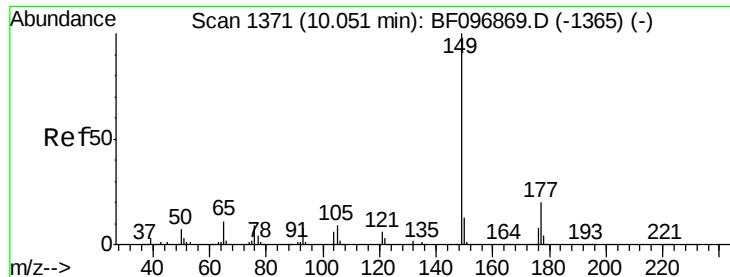
Tgt Ion:166 Resp: 441572
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.98 ng
 RT: 9.93 min Scan# 1351
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion:232 Resp: 105999
 Ion Ratio Lower Upper
 232 100
 131 53.4 44.8 67.2
 130 2.5 2.3 3.5
 166 34.8 29.0 43.4

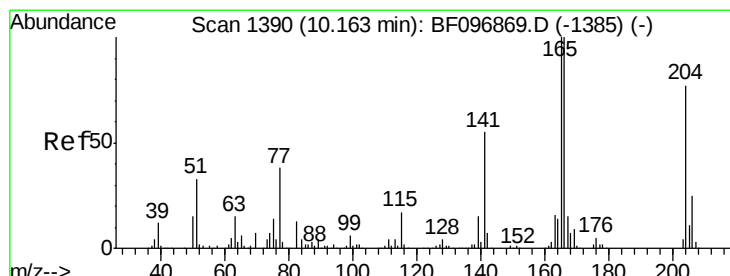
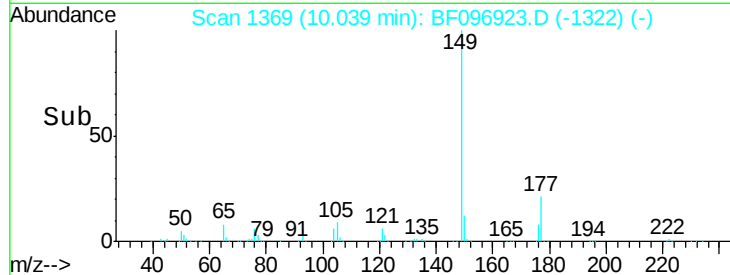
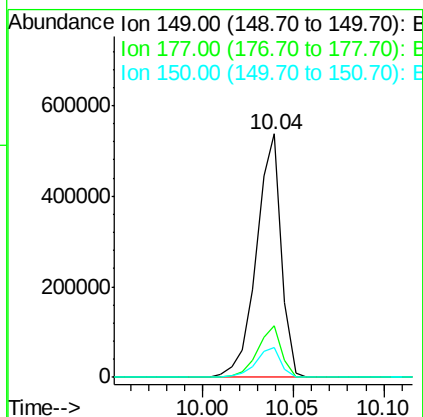
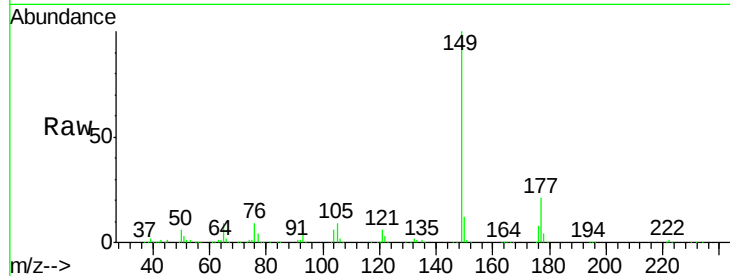




#59
Diethylphthalate
Concen: 41.90 ng
RT: 10.04 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

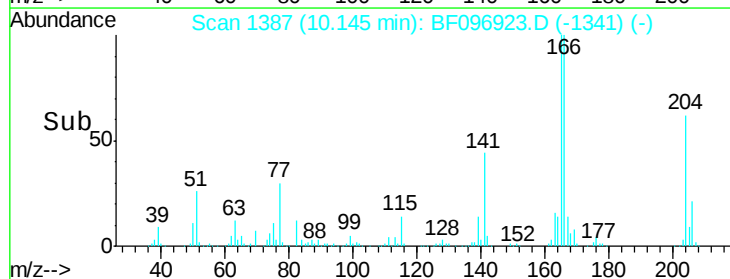
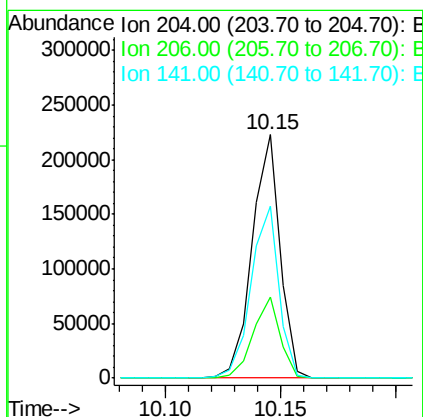
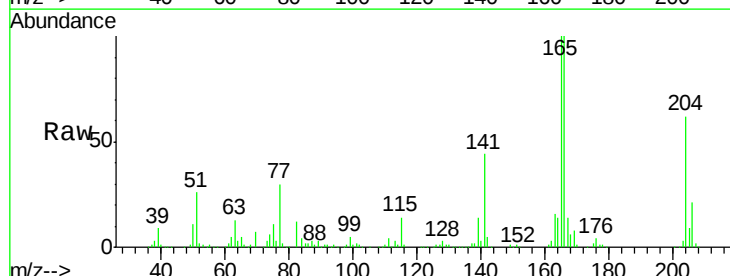
Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

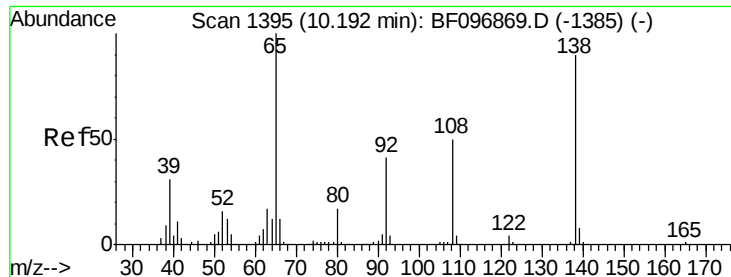
Tgt Ion:149 Resp: 507705
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.80 ng
RT: 10.15 min Scan# 1387
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion:204 Resp: 188998
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 70.6 60.8 91.2

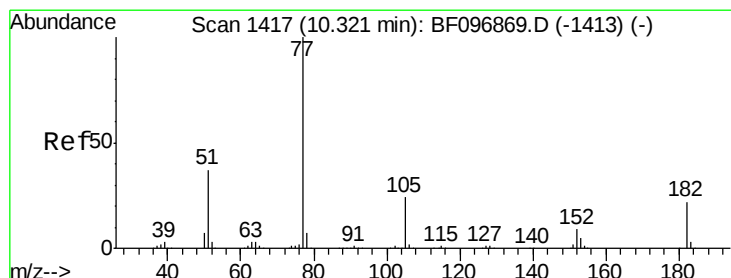
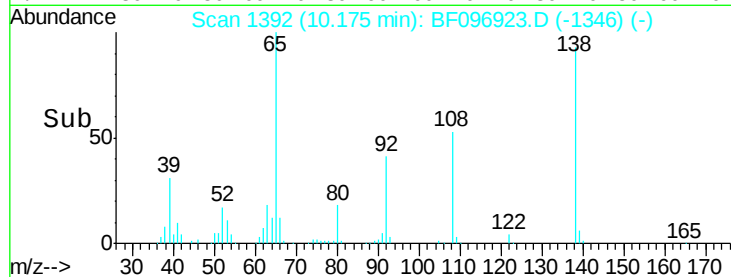
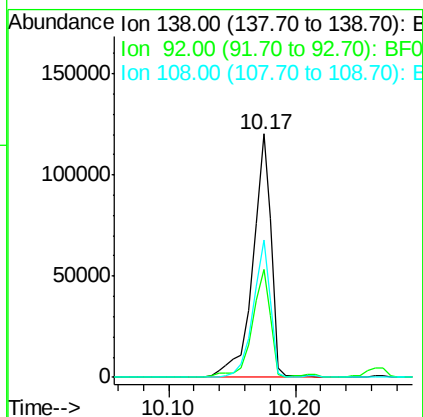
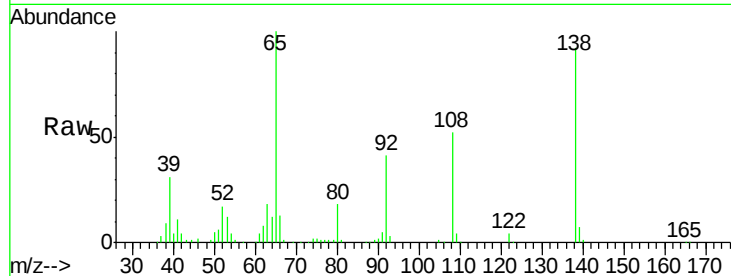




#61
4-Nitroaniline
Concen: 40.94 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

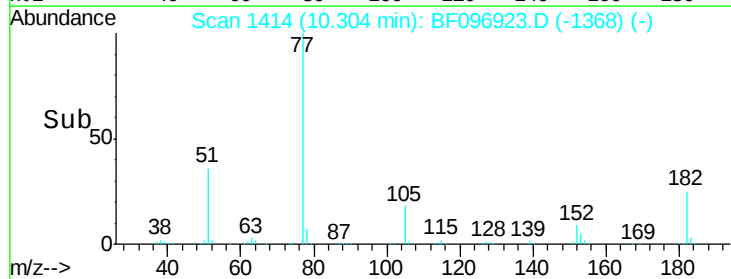
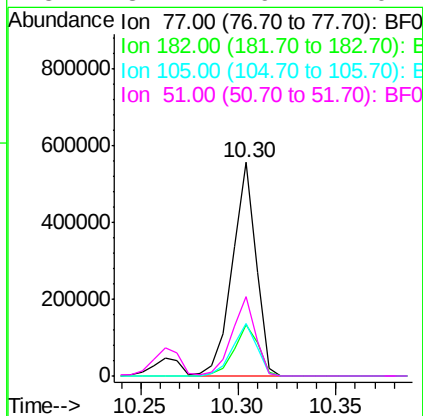
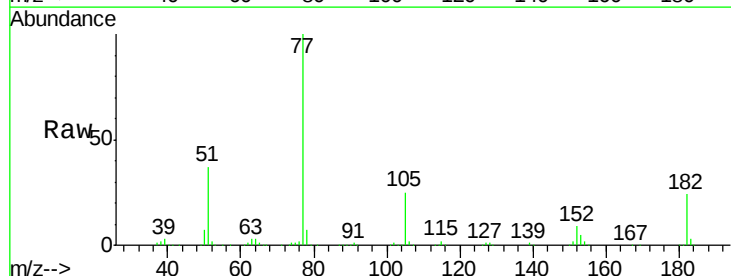
Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

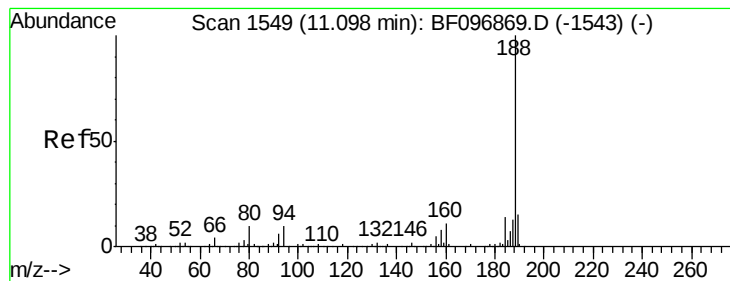
Tgt Ion:138 Resp: 122776
Ion Ratio Lower Upper
138 100
92 44.1 21.8 61.8
108 56.7 42.3 82.3



#62
Azobenzene
Concen: 43.87 ng
RT: 10.30 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion: 77 Resp: 468924
Ion Ratio Lower Upper
77 100
182 23.7 0.1 40.1
105 24.7 3.6 43.6
51 37.1 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

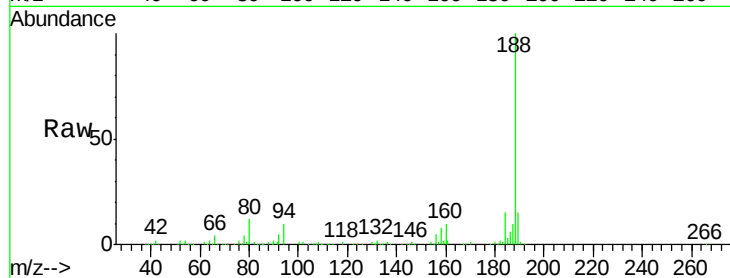
Tgt Ion:188 Resp: 254494

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

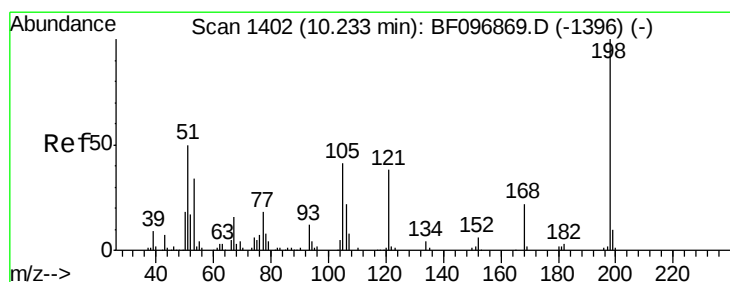
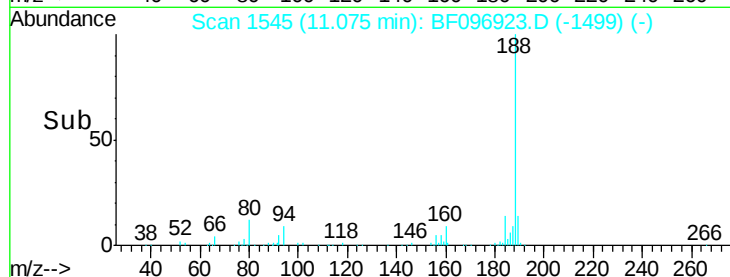
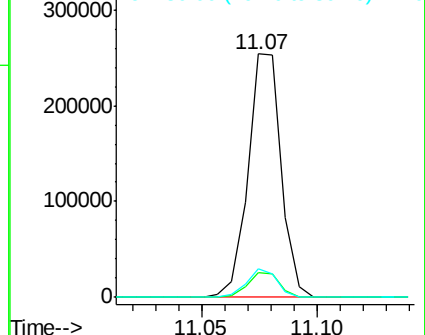
80 11.7 10.2 15.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 37.73 ng

RT: 10.22 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

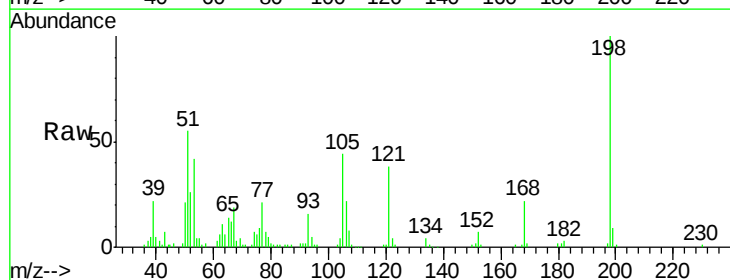
Tgt Ion:198 Resp: 60295

Ion Ratio Lower Upper

198 100

51 55.0 53.2 93.2

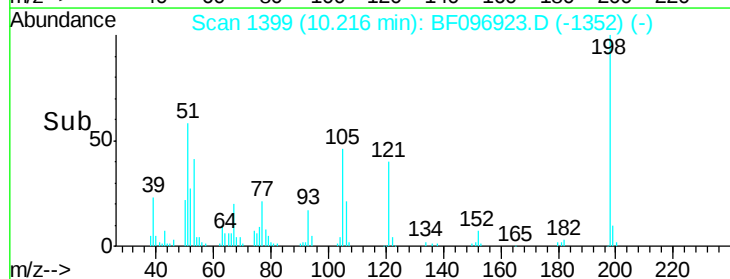
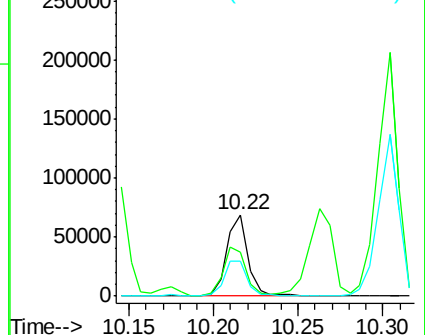
105 43.9 45.8 85.8#

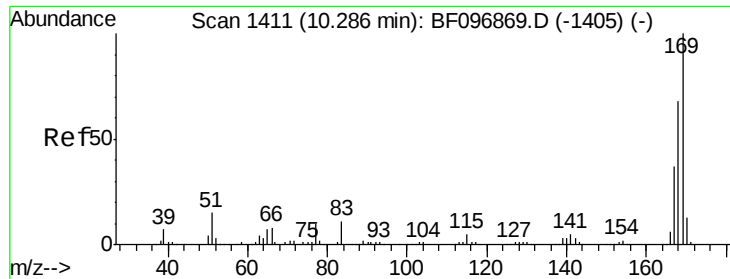


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

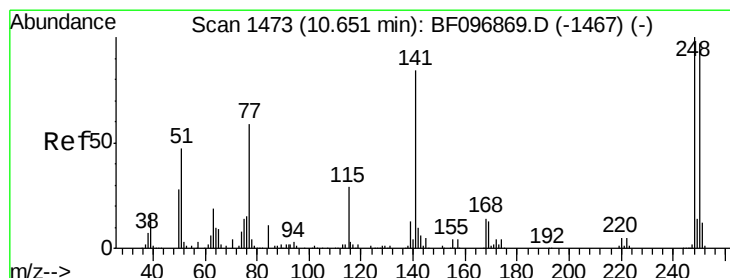
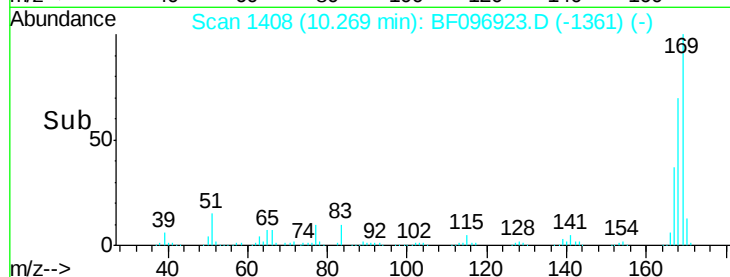
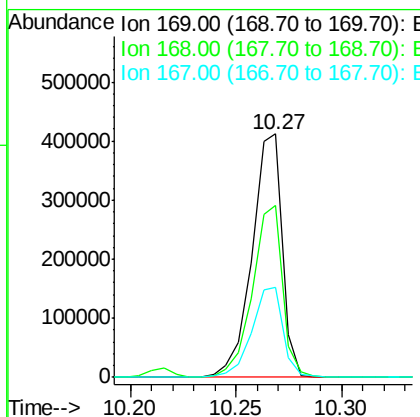
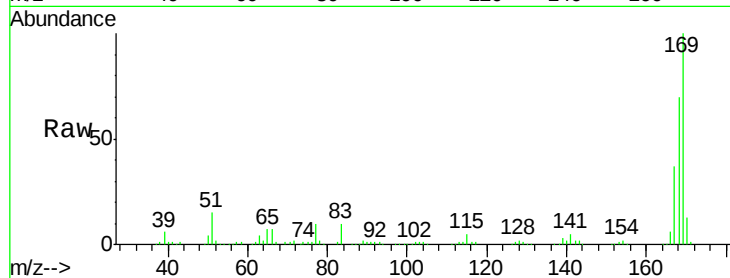




#65
 n-Nitrosodiphenylamine
 Concen: 45.41 ng
 RT: 10.27 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

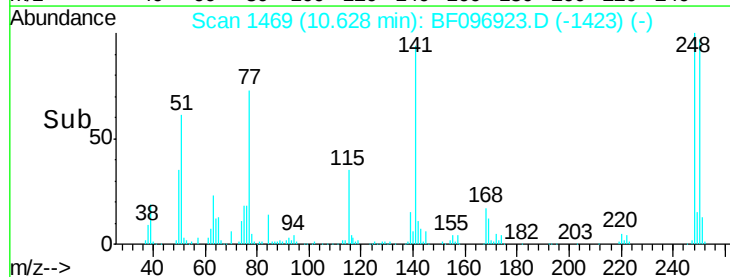
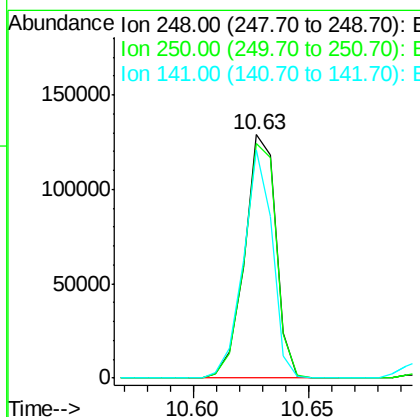
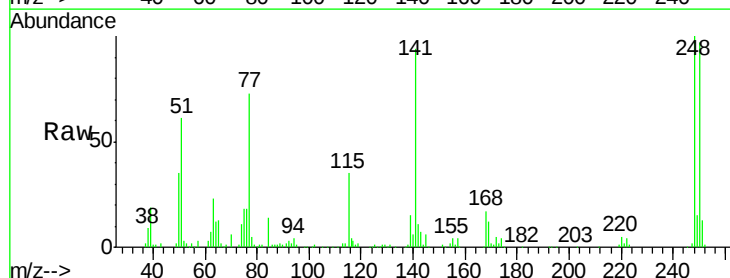
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

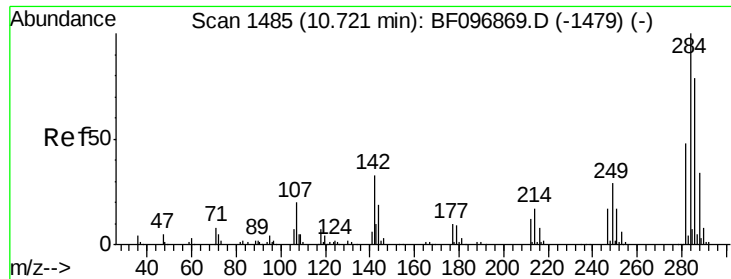
Tgt Ion:169 Resp: 413079
 Ion Ratio Lower Upper
 169 100
 168 70.4 53.2 79.8
 167 36.9 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 47.12 ng
 RT: 10.63 min Scan# 1469
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion:248 Resp: 122431
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.8 115.2
 141 93.8 68.6 103.0

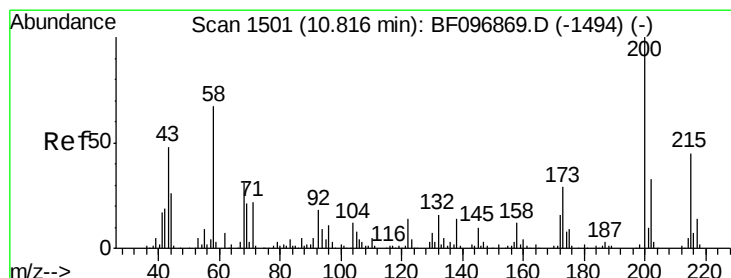
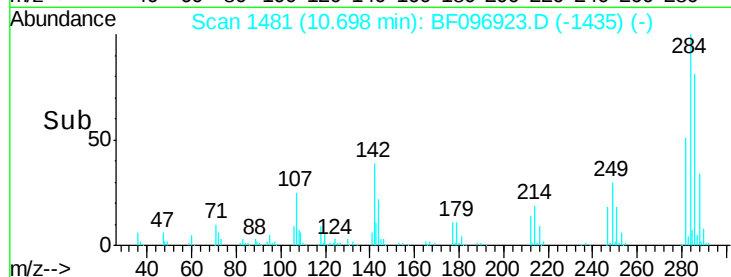
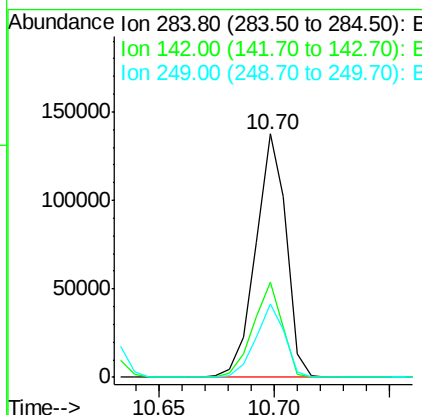
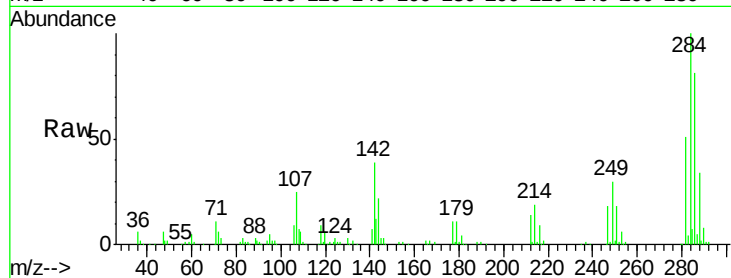




#67
Hexachlorobenzene
Concen: 43.65 ng
RT: 10.70 min Scan# 1481
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

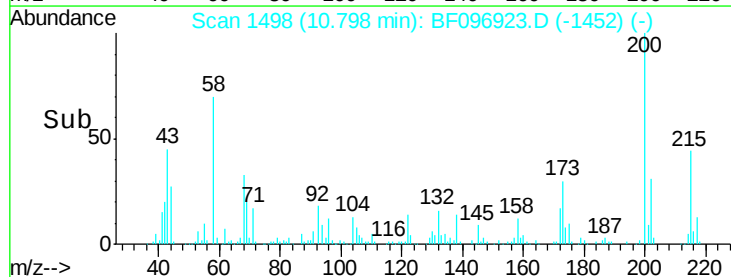
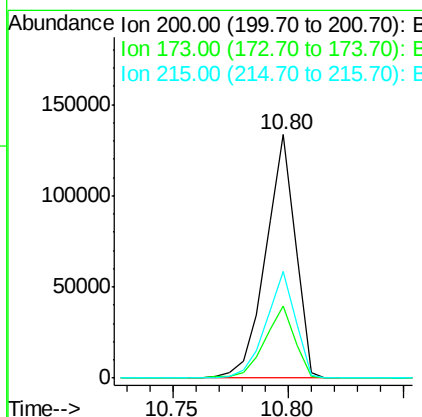
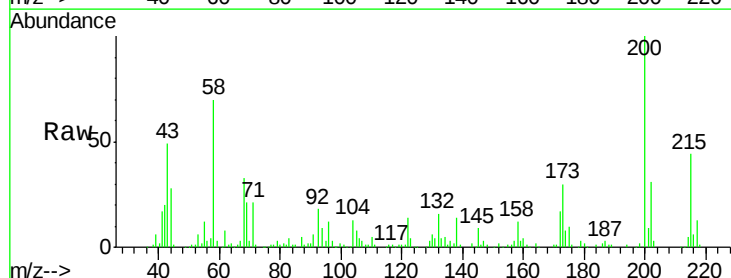
Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

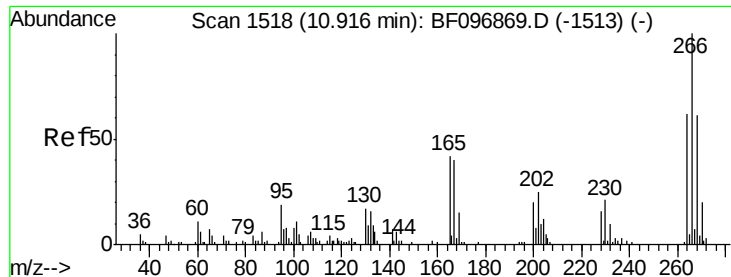
Tgt Ion: 284 Resp: 126327
Ion Ratio Lower Upper
284 100
142 39.3 22.8 34.2#
249 30.3 24.0 36.0



#68
Atrazine
Concen: 46.01 ng
RT: 10.80 min Scan# 1498
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion: 200 Resp: 119242
Ion Ratio Lower Upper
200 100
173 29.6 6.3 46.3
215 43.7 27.2 67.2

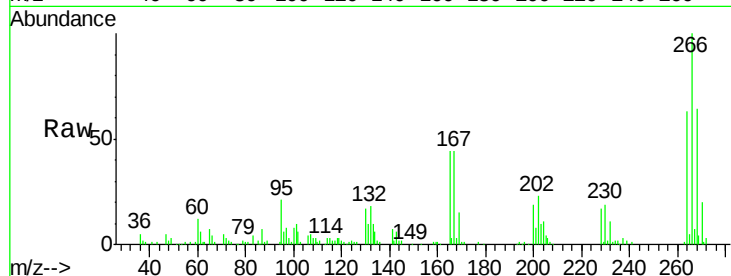




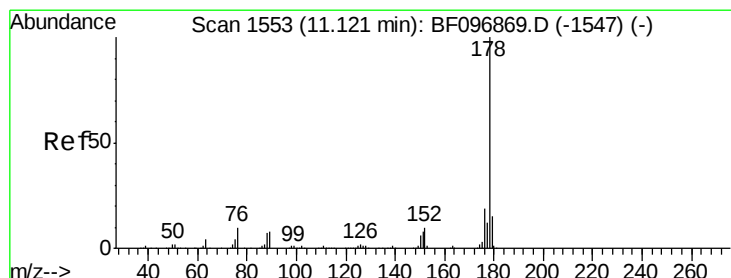
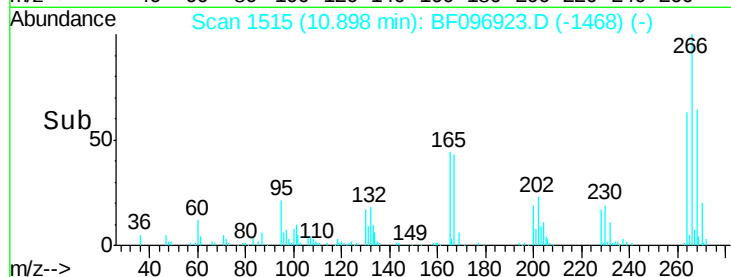
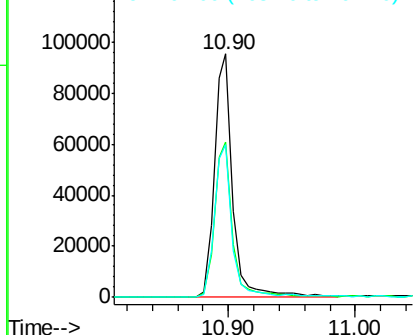
#69
 Pentachlorophenol
 Concen: 69.86 ng
 RT: 10.90 min Scan# 1515
 Delta R.T. -0.02 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

Tgt Ion:266 Resp: 97666
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 62.8 51.7 77.5

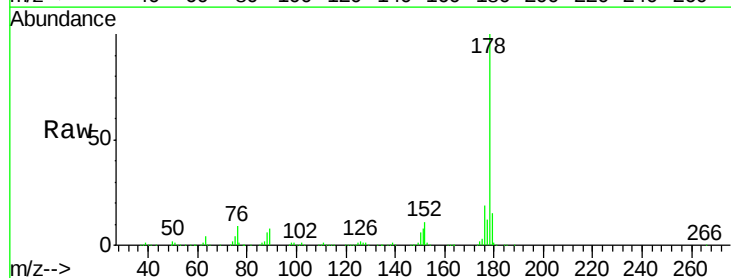


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

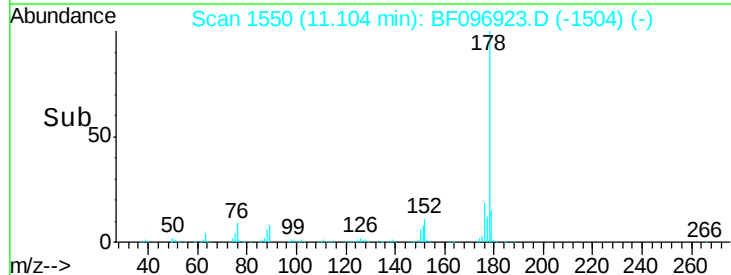
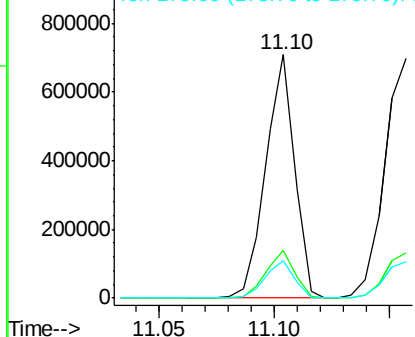


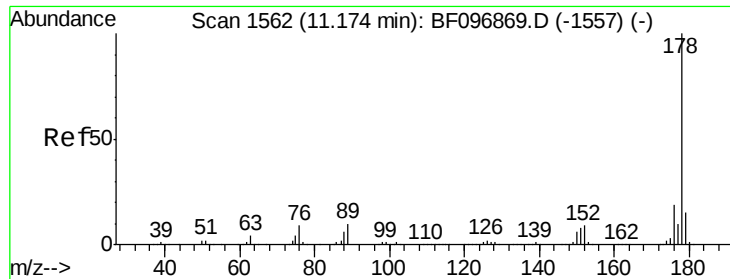
#70
 Phenanthrene
 Concen: 44.64 ng
 RT: 11.10 min Scan# 1550
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion:178 Resp: 617699
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.5 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

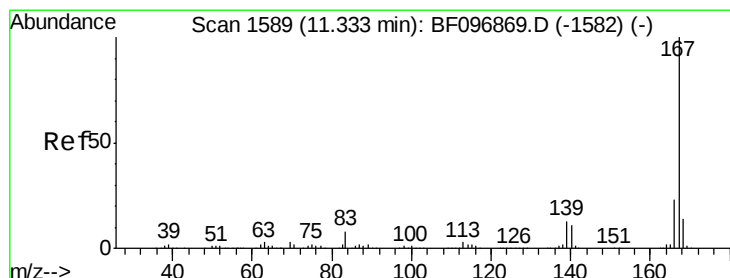
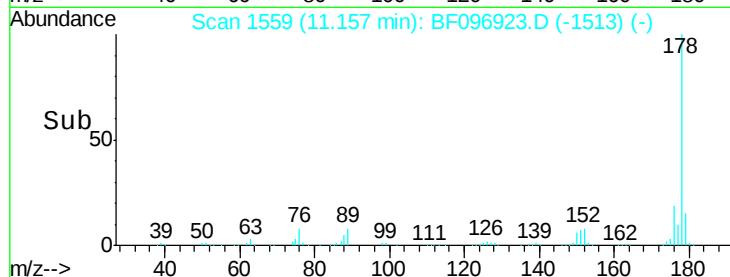
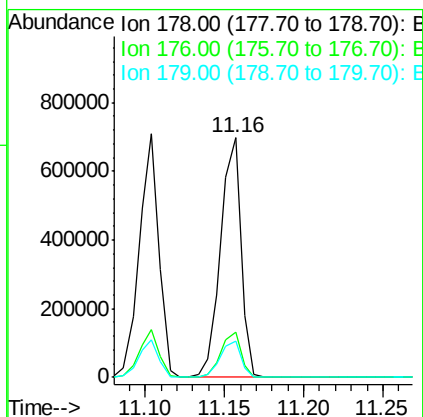
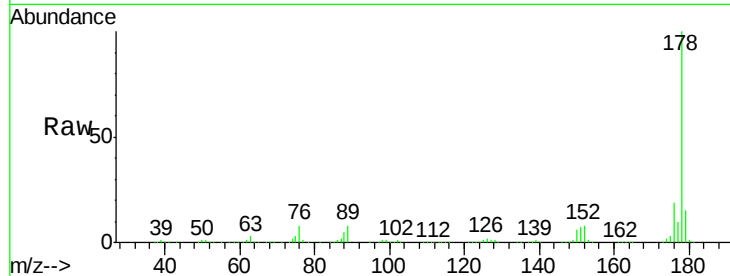




#71
 Anthracene
 Concen: 44.84 ng
 RT: 11.16 min Scan# 1559
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

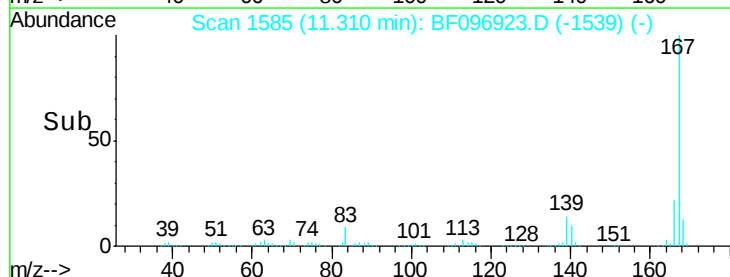
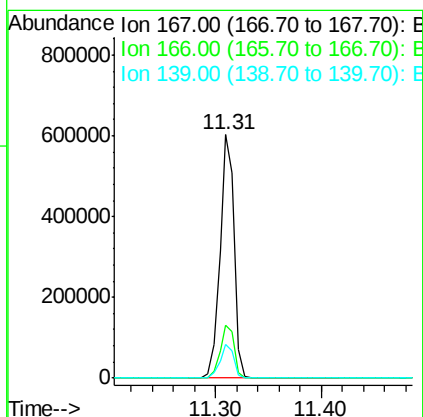
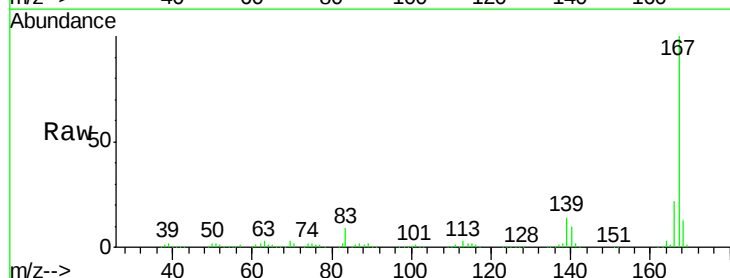
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

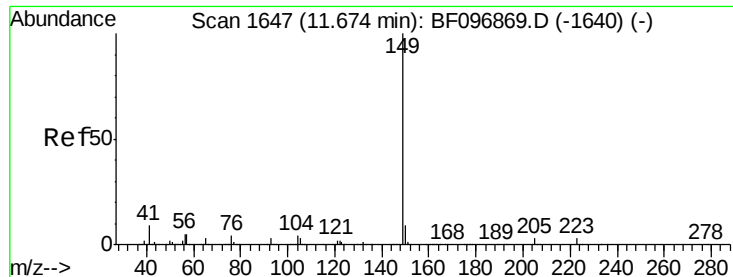
Tgt Ion:178 Resp: 627306
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 41.80 ng
 RT: 11.31 min Scan# 1585
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion:167 Resp: 566289
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.7 11.7 17.5

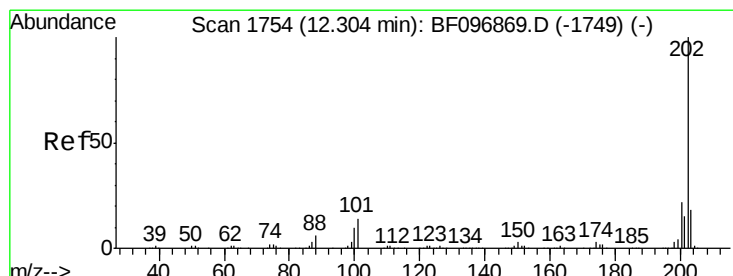
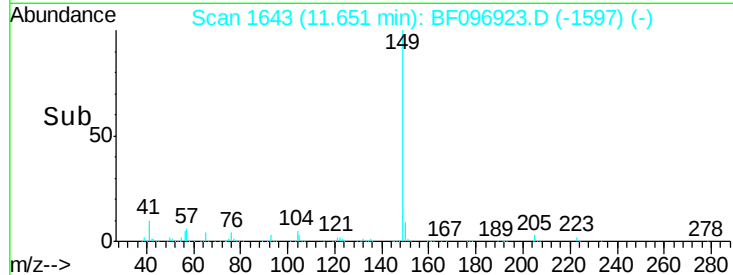
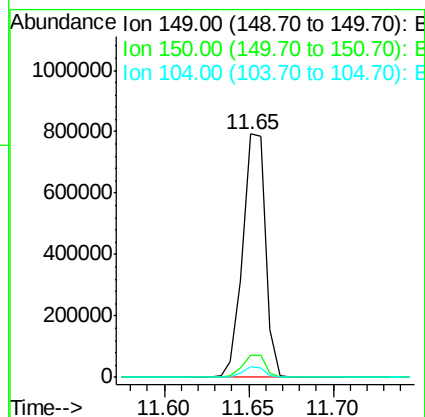
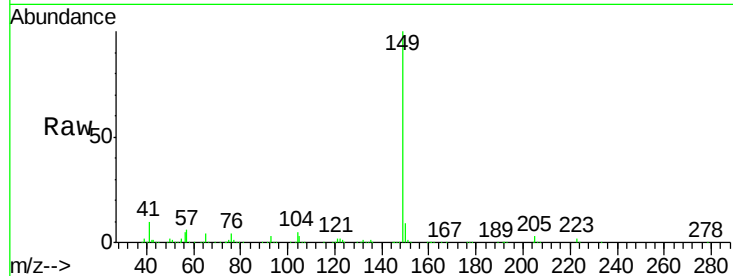




#73
Di-n-butylphthalate
Concen: 44.32 ng
RT: 11.65 min Scan# 1643
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

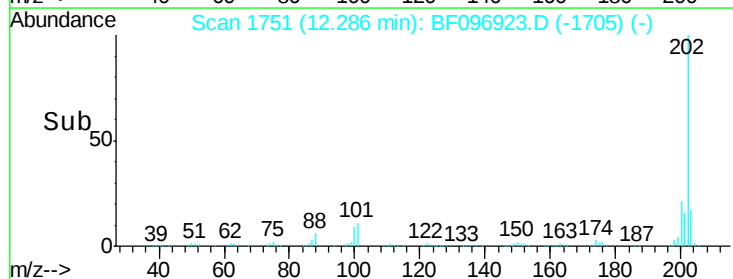
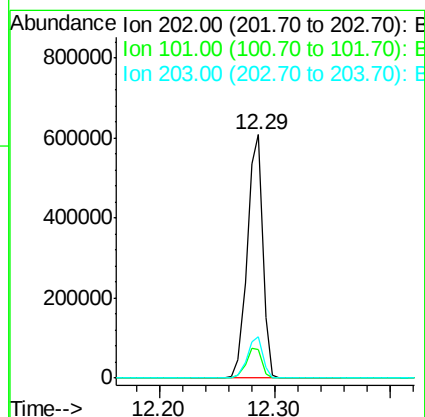
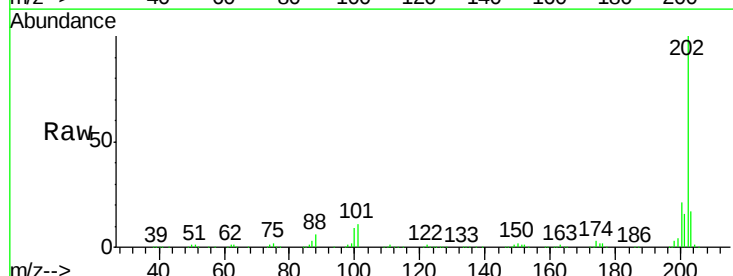
Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

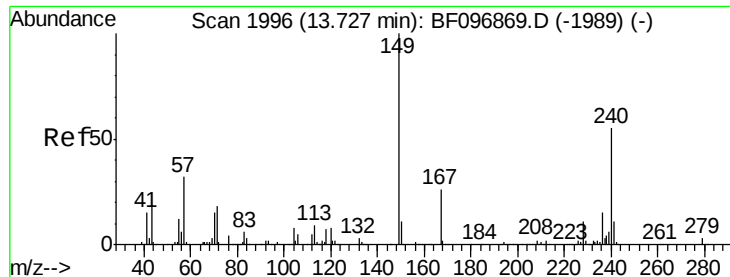
Tgt Ion:149 Resp: 747832
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 42.69 ng
RT: 12.29 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion:202 Resp: 565397
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.2
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1992

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

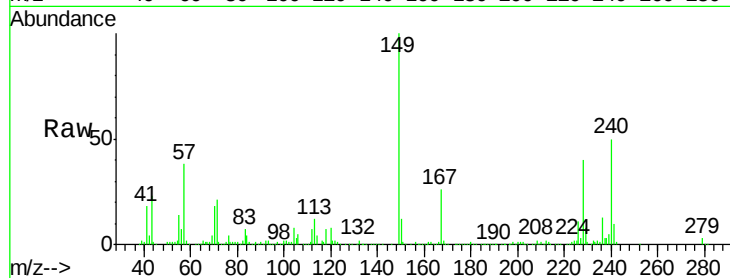
Tgt Ion:240 Resp: 147663

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

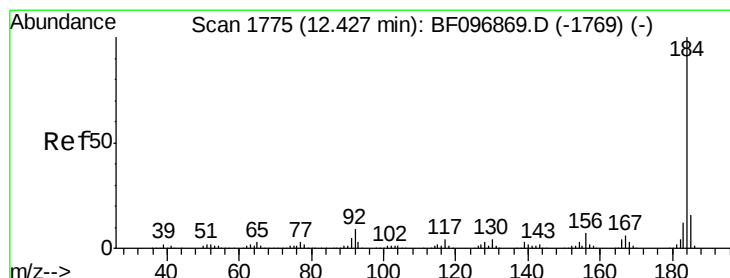
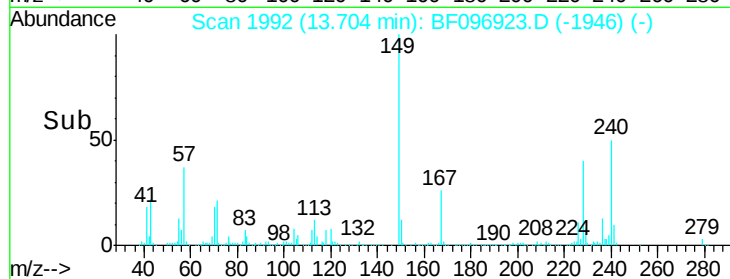
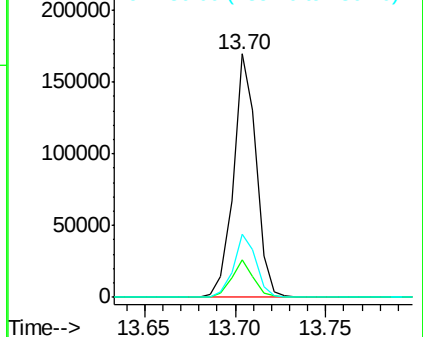
236 26.1 20.5 30.7



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: 53.25 ng

RT: 12.41 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

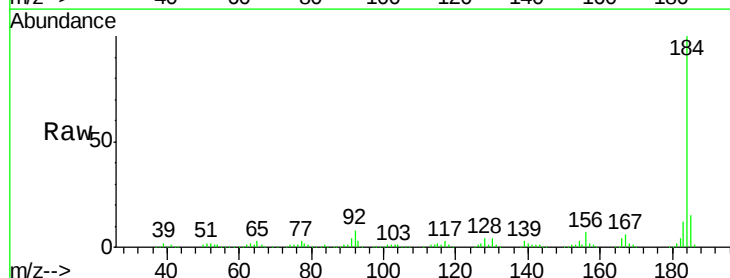
Tgt Ion:184 Resp: 257598

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

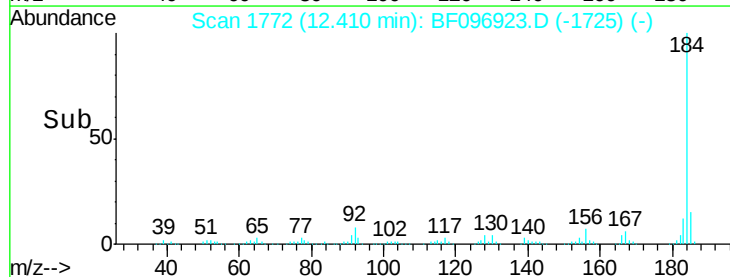
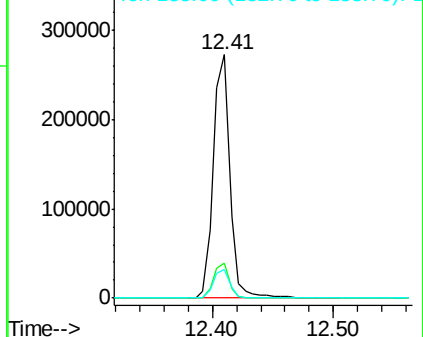
183 11.7 9.8 14.6

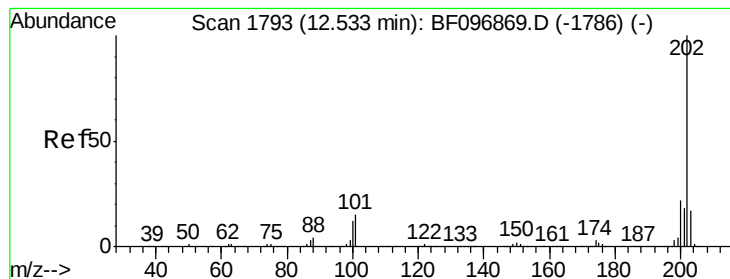


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.56 ng

RT: 12.51 min Scan# 1789

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD

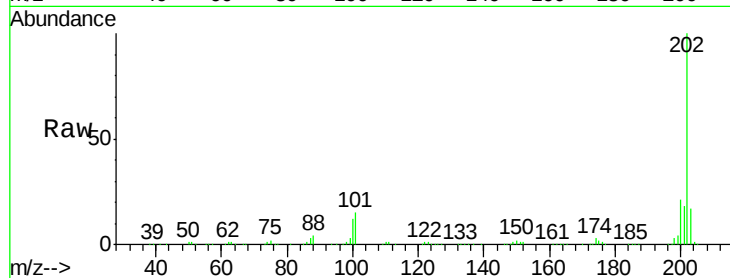
Tgt Ion: 202 Resp: 570366

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

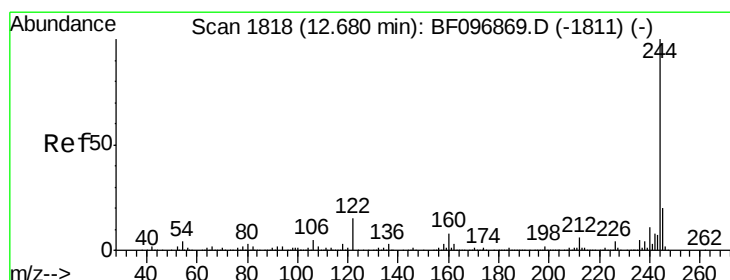
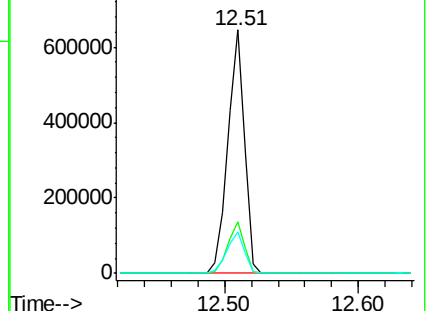
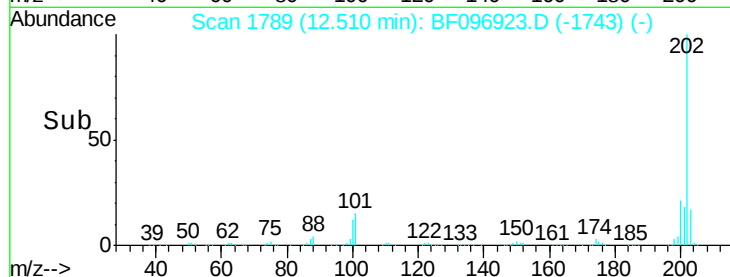
203 17.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.17 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

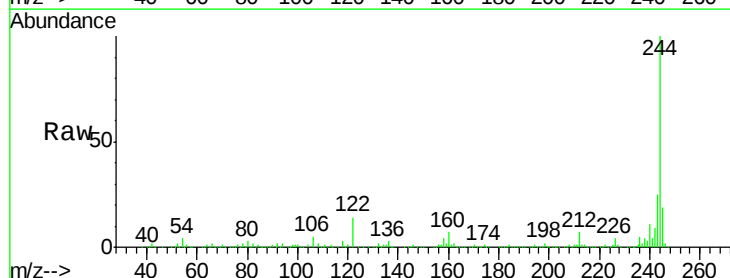
Tgt Ion: 244 Resp: 614530

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

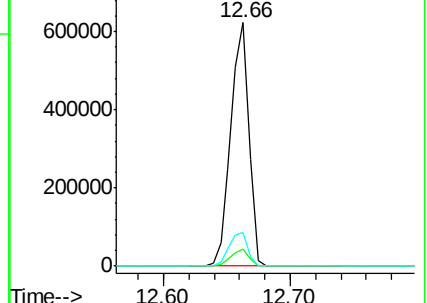
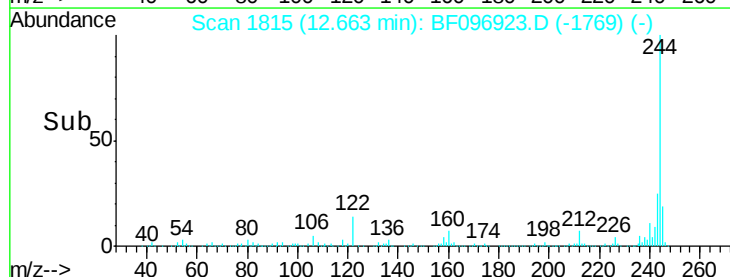
122 14.1 10.3 15.5

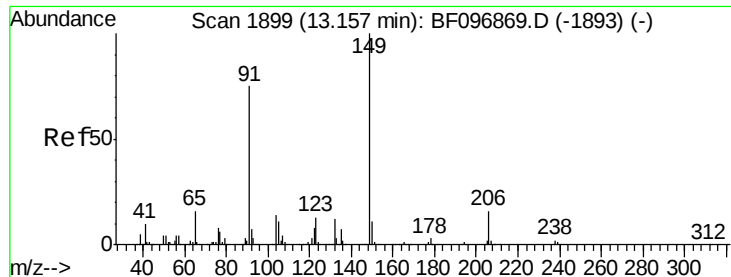


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

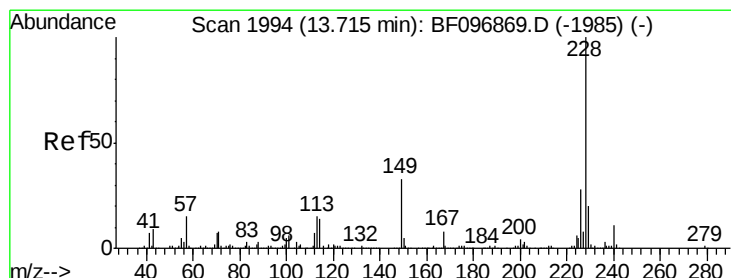
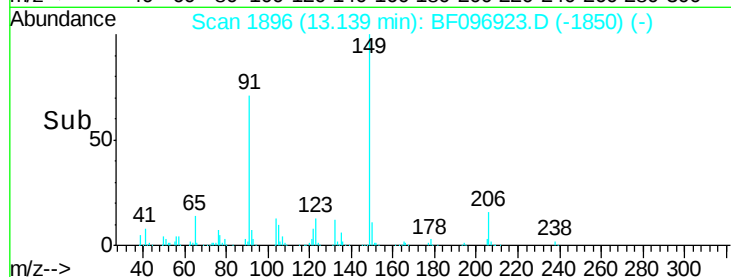
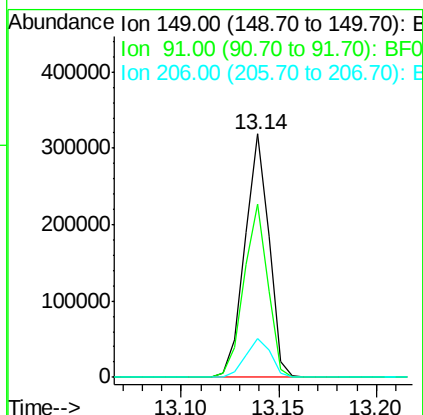
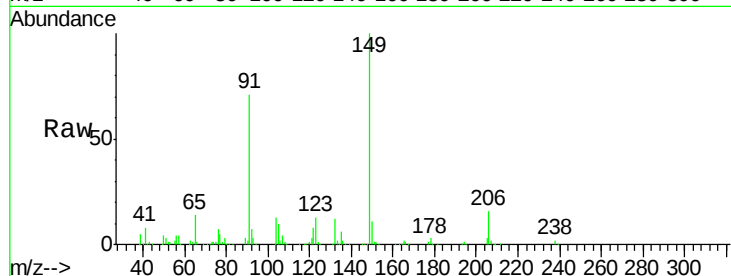




#79
Butylbenzylphthalate
Concen: 42.75 ng
RT: 13.14 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

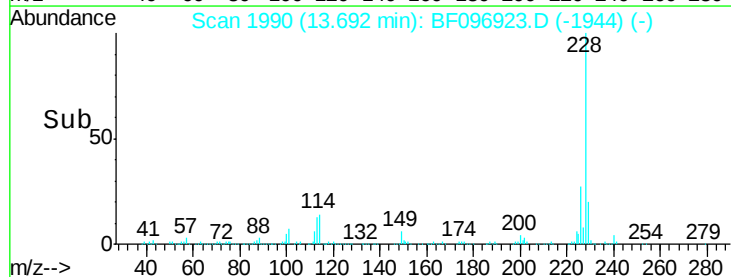
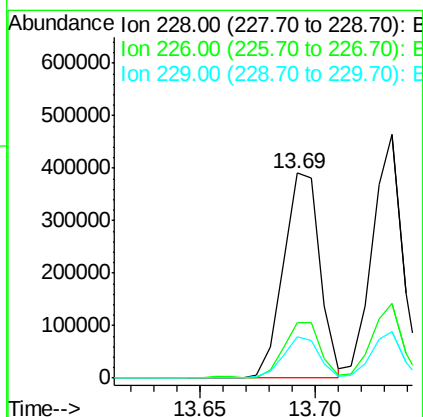
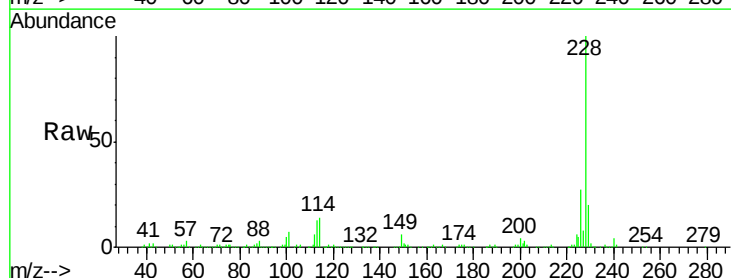
Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

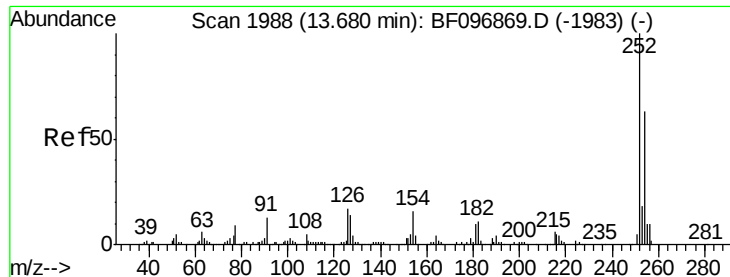
Tgt Ion:149 Resp: 272202
Ion Ratio Lower Upper
149 100
91 71.2 45.0 67.4#
206 16.2 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 46.50 ng
RT: 13.69 min Scan# 1990
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion:228 Resp: 427847
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.1 16.3 24.5

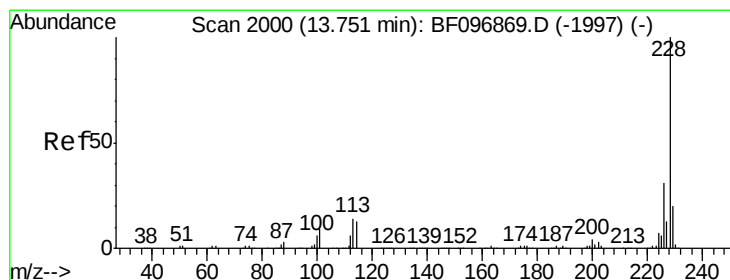
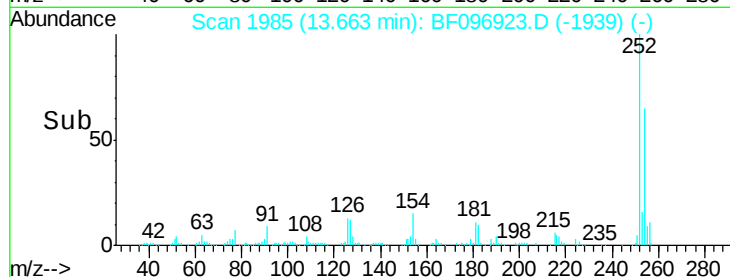
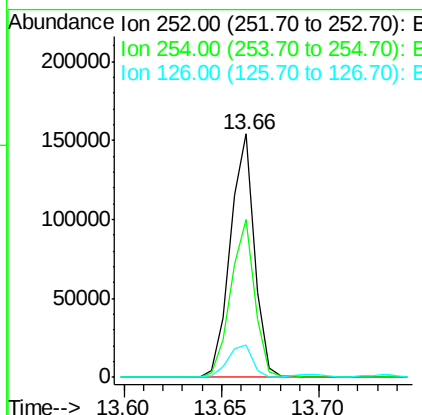
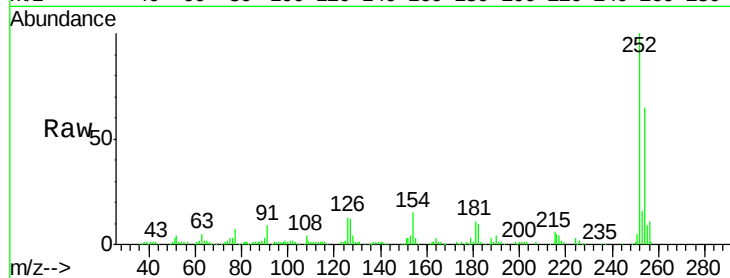




#81
 3,3'-Dichlorobenzidine
 Concen: 39.94 ng
 RT: 13.66 min Scan# 1985
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

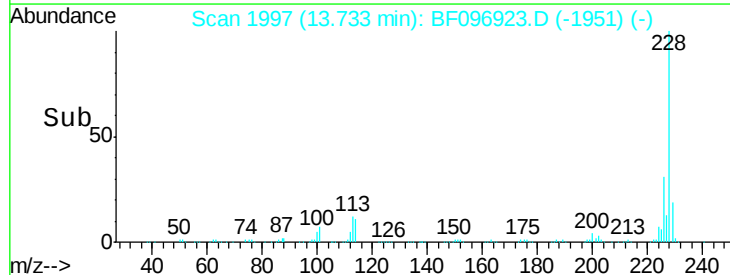
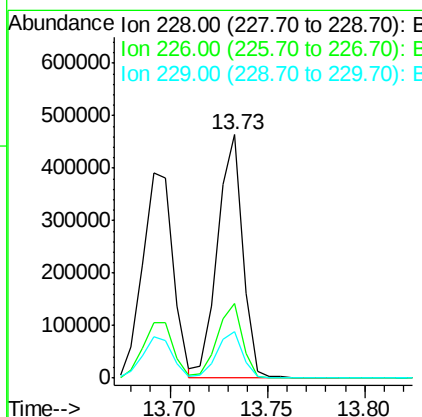
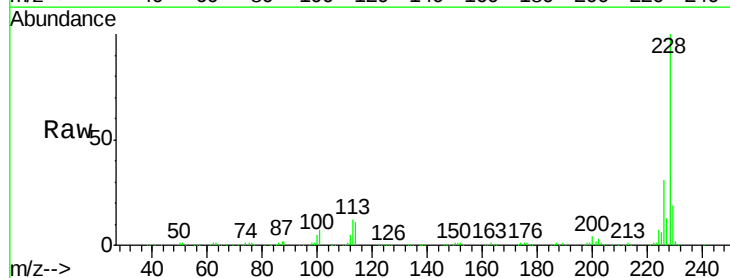
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

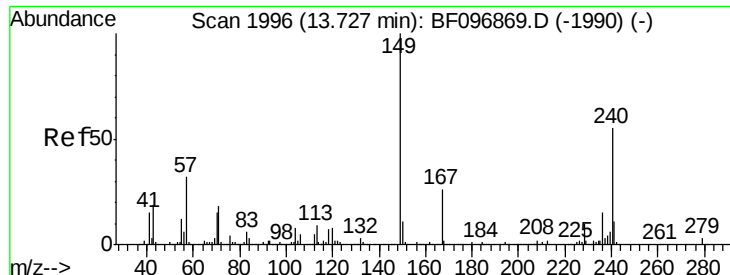
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	13.1	15.8	23.8#



#82
 Chrysene
 Concen: 45.78 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.2	15.8	23.6

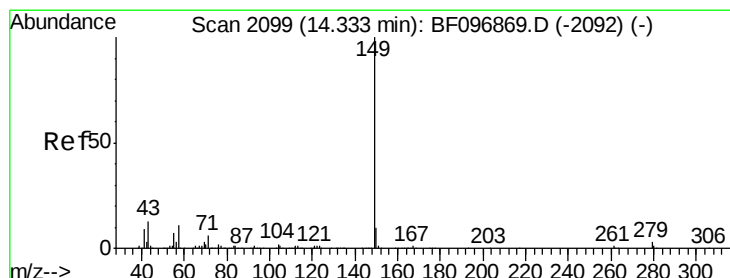
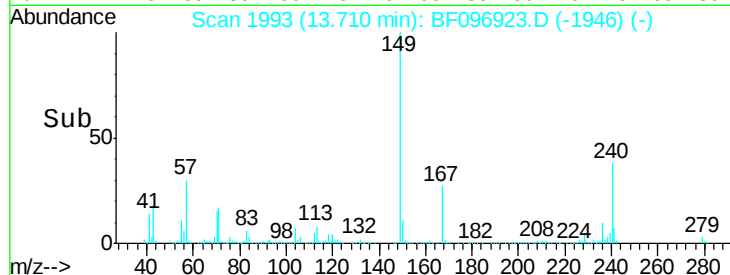
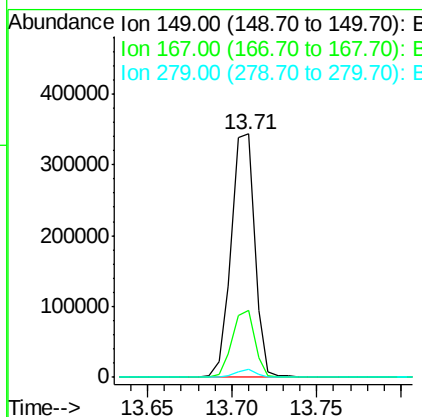
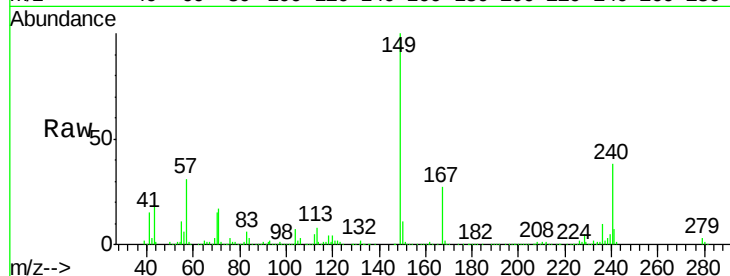




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.96 ng
 RT: 13.71 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

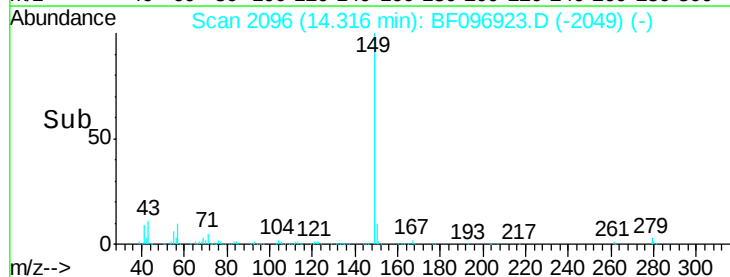
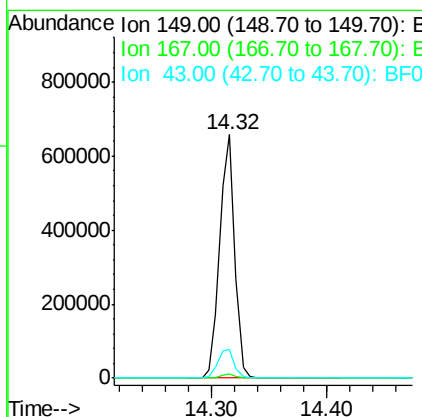
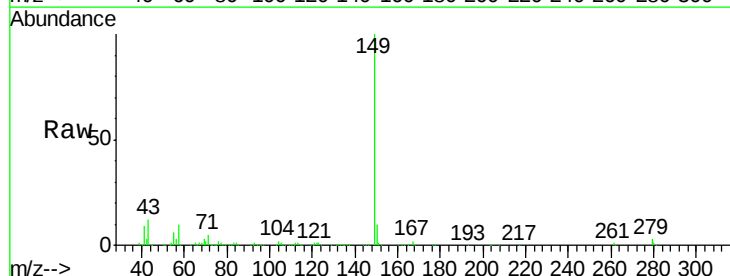
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

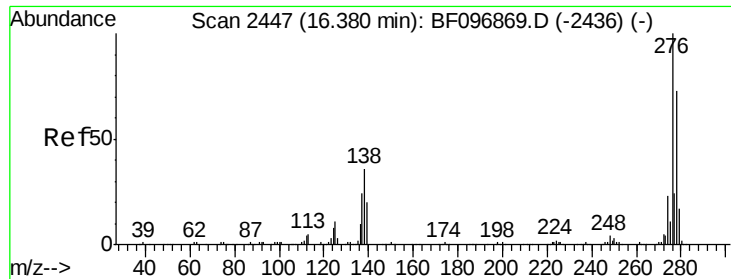
Tgt Ion:149 Resp: 333106
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.25 ng
 RT: 14.32 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion:149 Resp: 592874
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.5 8.5 12.7

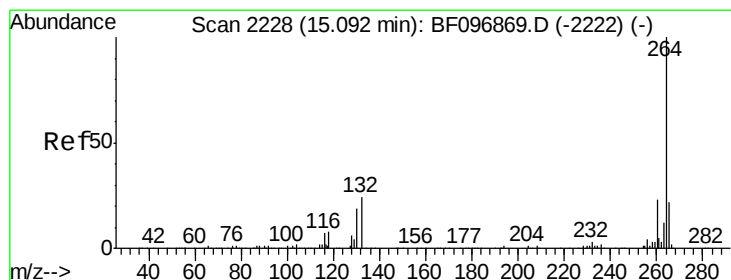
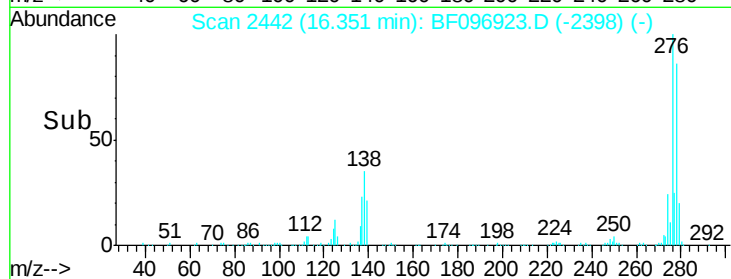
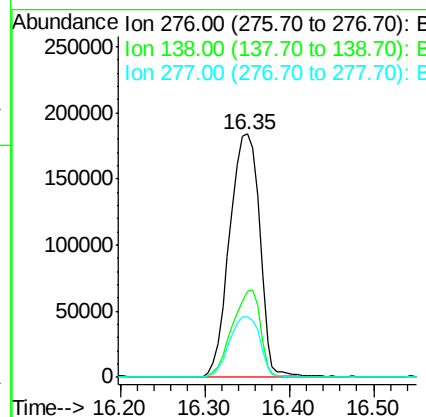
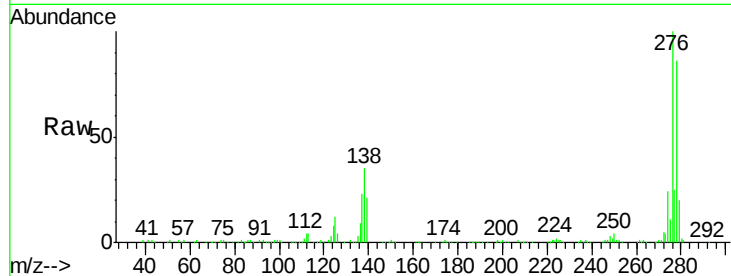




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.80 ng
 RT: 16.35 min Scan# 2442
 Delta R.T. -0.04 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

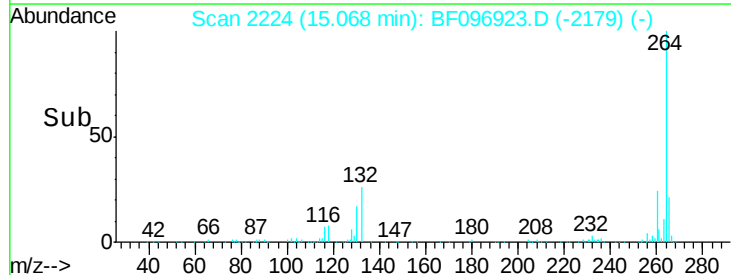
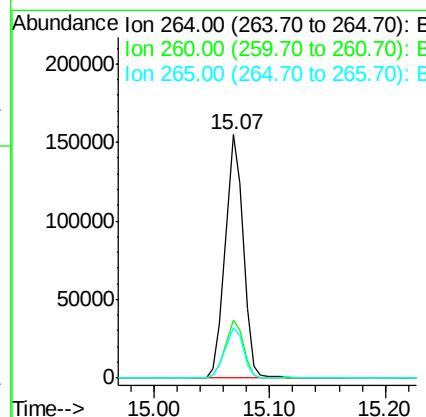
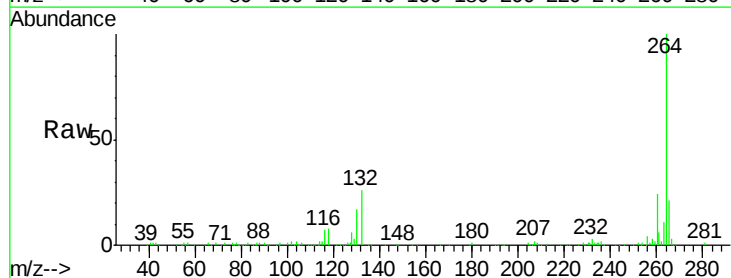
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPMSD

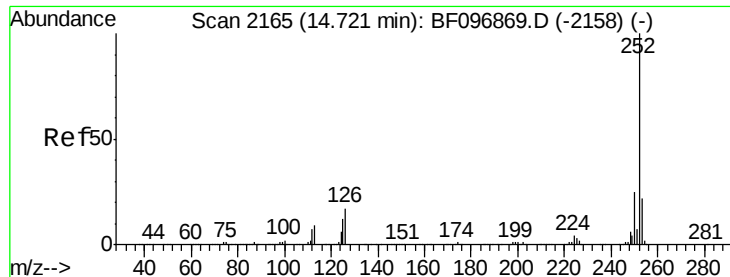
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096923.D
 Acq: 20 Jul 2017 23:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.99 ng

RT: 14.70 min Scan# 2161

Delta R.T. -0.03 min

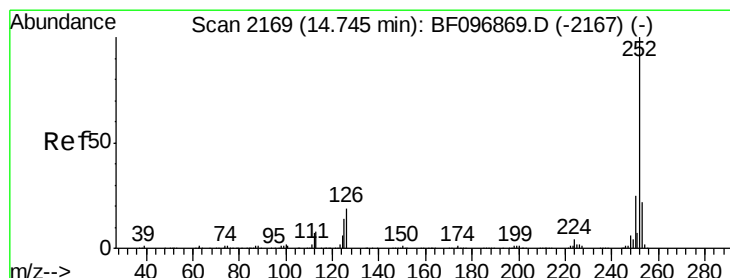
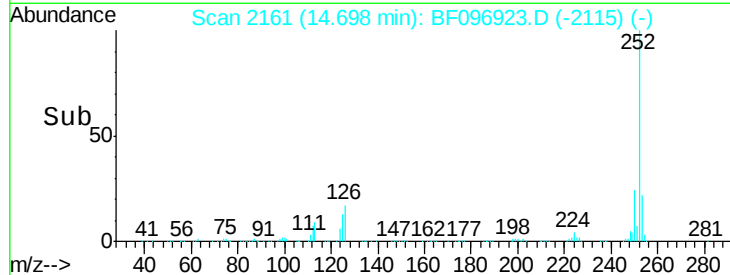
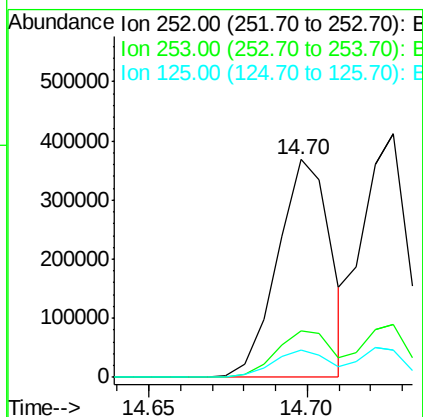
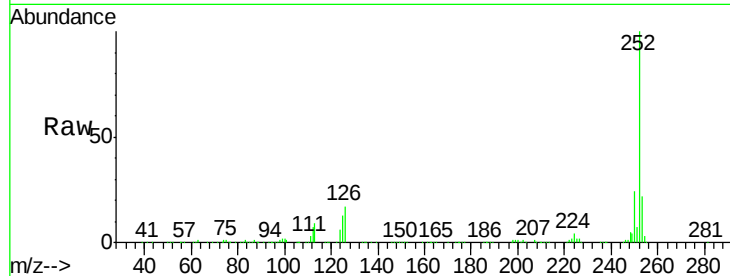
Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Tgt Ion:252 Resp: 428624

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.6	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 41.57 ng

RT: 14.73 min Scan# 2166

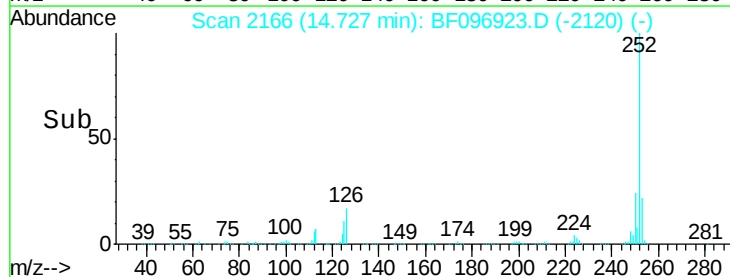
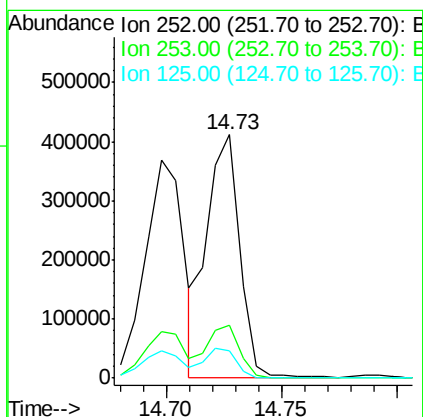
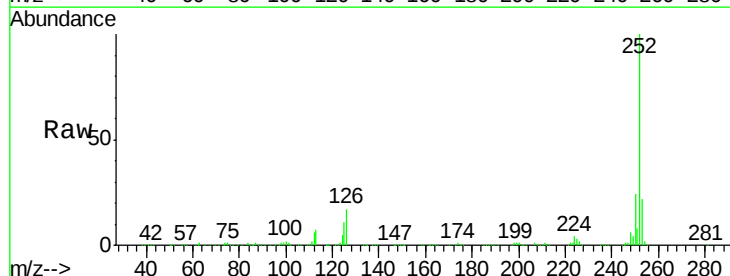
Delta R.T. -0.03 min

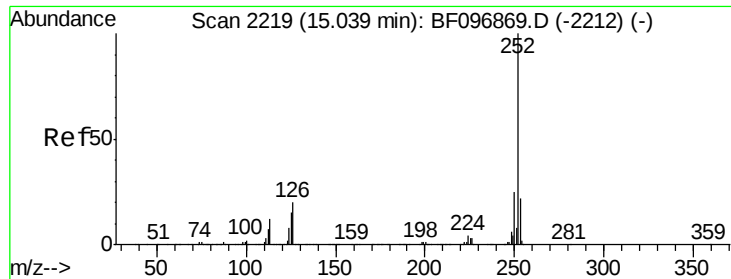
Lab File: BF096923.D

Acq: 20 Jul 2017 23:25

Tgt Ion:252 Resp: 401823

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	11.4	13.1	19.7#

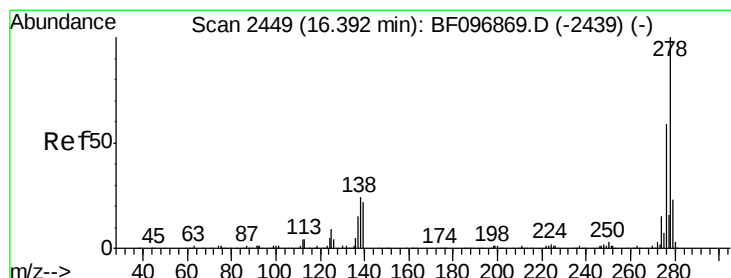
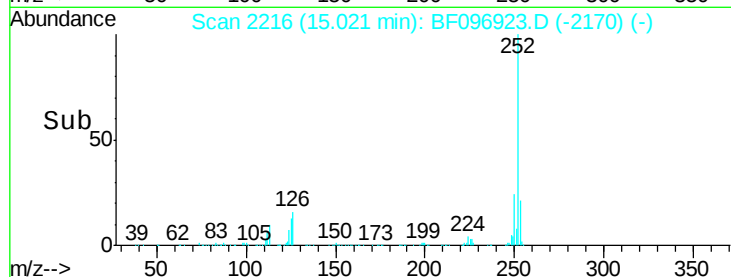
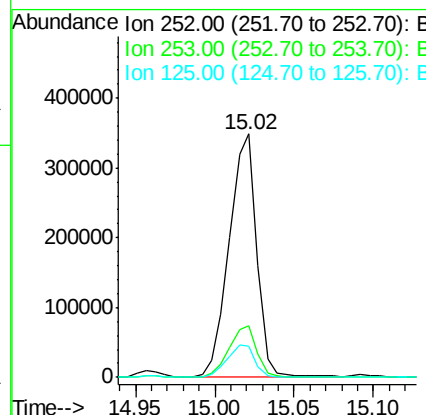
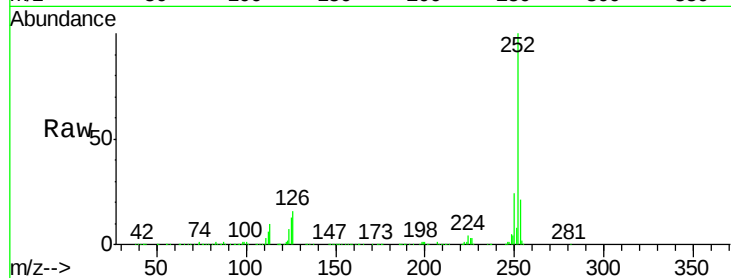




#89
Benzo(a)pyrene
Concen: 44.77 ng
RT: 15.02 min Scan# 2216
Delta R.T. -0.03 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

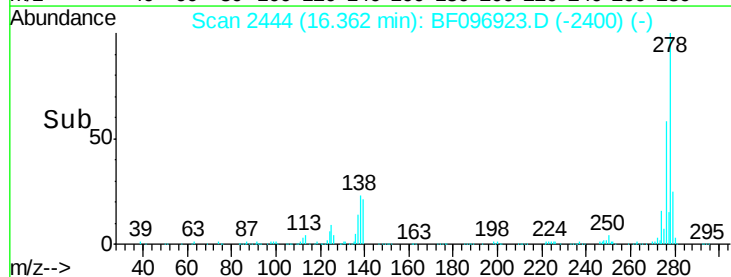
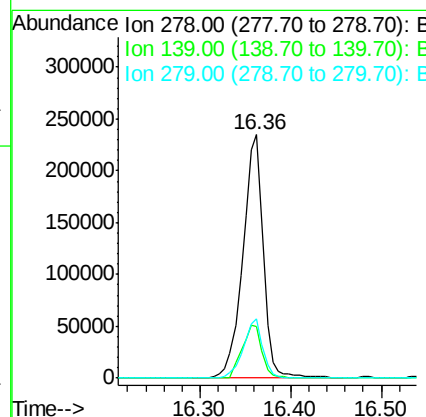
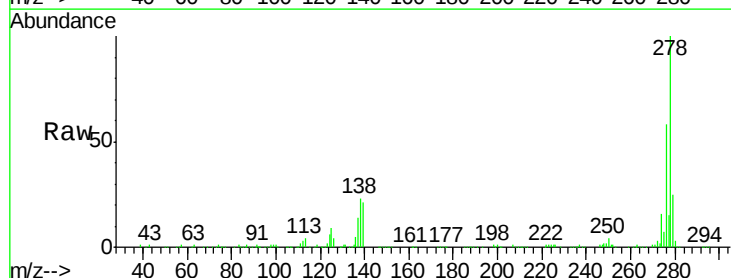
Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

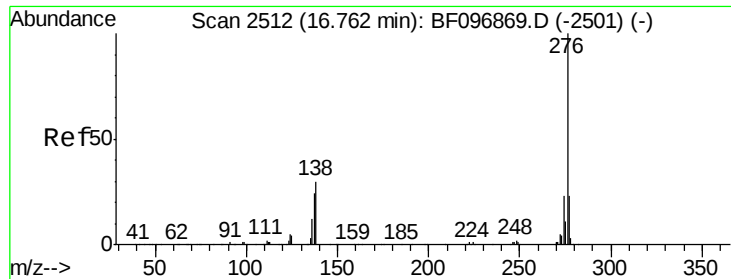
Tgt Ion: 252 Resp: 419138
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 12.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.12 ng
RT: 16.36 min Scan# 2444
Delta R.T. -0.04 min
Lab File: BF096923.D
Acq: 20 Jul 2017 23:25

Tgt Ion: 278 Resp: 371445
Ion Ratio Lower Upper
278 100
139 21.2 16.6 24.8
279 24.5 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 41.17 ng

RT: 16.73 min Scan# 2506

Delta R.T. -0.05 min

Lab File: BF096923.D

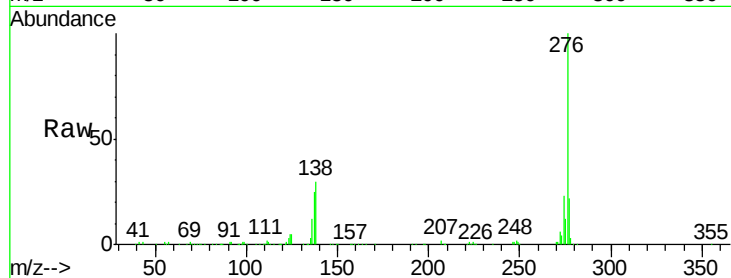
Acq: 20 Jul 2017 23:25

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMPMSD



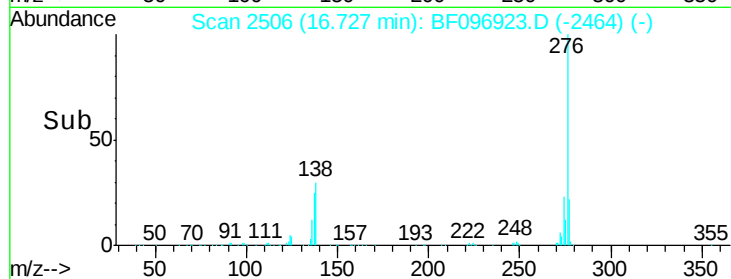
Tgt Ion: 276 Resp: 379851

Ion Ratio Lower Upper

276 100

277 22.2 18.6 28.0

138 29.7 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

