

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096869.D
 Acq On : 19 Jul 2017 14:48
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 18:19:05 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	6.59	152	97134	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	428022	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	180969	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	311770	20.00	ng	0.00
75) Chrysene-d12	13.73	240	239791	20.00	ng	0.00
86) Perylene-d12	15.09	264	224084	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	518998	80.34	ng	-0.01
7) Phenol-d6	6.24	99	588924	75.97	ng	-0.01
23) Nitrobenzene-d5	7.16	82	585321	84.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	128208	83.00	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	925922	80.84	ng	-0.01
78) Terphenyl-d14	12.68	244	935696	67.67	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.16	88	131108	39.442	ng	# 73
3) Pyridine	2.81	79	310240	44.409	ng	# 61
4) n-Nitrosodimethylamine	2.76	42	170831	43.727	ng	# 80
6) Aniline	6.25	93	360542	37.756	ng	# 45
8) 2-Chlorophenol	6.37	128	276645	39.695	ng	# 96
9) Benzaldehyde	6.13	77	163144	36.410	ng	# 97
10) Phenol	6.26	94	336748	38.425	ng	# 82
11) bis(2-Chloroethyl)ether	6.33	93	257126	39.016	ng	# 94
12) 1,3-Dichlorobenzene	6.53	146	294419	39.743	ng	# 98
13) 1,4-Dichlorobenzene	6.60	146	304878	40.638	ng	# 94
14) 1,2-Dichlorobenzene	6.76	146	276428	40.510	ng	# 96
15) Benzyl Alcohol	6.74	79	205127	40.416	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	535983	39.408	ng	# 96
17) 2-Methylphenol	6.86	107	217004	40.041	ng	# 98
18) Hexachloroethane	7.10	117	114309	42.969	ng	# 85
19) n-Nitroso-di-n-propylamine	7.02	70	204119	43.704	ng	# 84
20) 3+4-Methylphenols	7.02	107	293572	44.640	ng	# 70
22) Acetophenone	7.00	105	406441	42.486	ng	# 99
24) Nitrobenzene	7.17	77	304581	42.618	ng	# 91
25) Isophorone	7.42	82	552354	42.969	ng	# 96
26) 2-Nitrophenol	7.49	139	156949	39.495	ng	# 88
27) 2,4-Dimethylphenol	7.55	122	265600	40.627	ng	# 96
28) bis(2-Chloroethoxy)methane	7.63	93	375276	43.202	ng	# 98
29) 2,4-Dichlorophenol	7.74	162	232248	39.246	ng	# 95
30) 1,2,4-Trichlorobenzene	7.82	180	246162	43.750	ng	# 97
31) Naphthalene	7.90	128	838045	41.331	ng	# 99
32) Benzoic acid	7.69	122	175790	42.071	ng	# 90
33) 4-Chloroaniline	7.95	127	341017	42.449	ng	# 95
34) Hexachlorobutadiene	8.02	225	117078	38.979	ng	# 96
35) Caprolactam	8.33	113	79901	42.139	ng	# 57
36) 4-Chloro-3-methylphenol	8.45	107	279013	43.849	ng	# 90
37) 2-Methylnaphthalene	8.59	142	565730	43.764	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	197970	40.468	ng	# 99
40) Hexachlorocyclopentadiene	8.75	237	70673	41.002	ng	# 99

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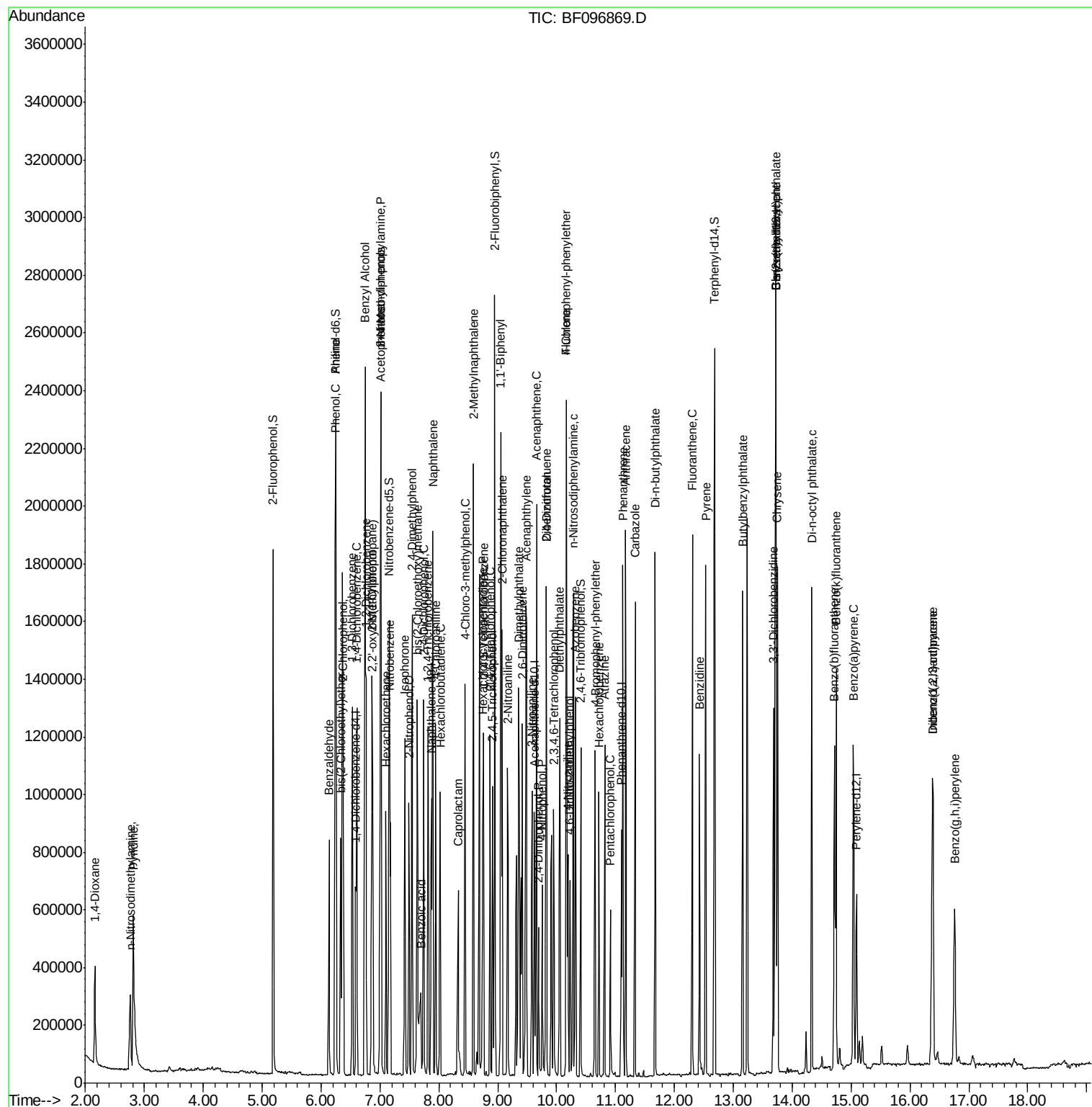
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	145828	40.412	nq	97
43) 2,4,5-Trichlorophenol	8.91	196	149181	40.992	nq	98
45) 1,1'-Biphenyl	9.05	154	642124	41.372	nq	98
46) 2-Chloronaphthalene	9.07	162	480275	42.024	nq	96
47) 2-Nitroaniline	9.17	65	182948	46.570	nq	96
48) Acenaphthylene	9.49	152	751676	41.279	nq	99
49) Dimethylphthalate	9.36	163	608141	44.630	nq	100
50) 2,6-Dinitrotoluene	9.42	165	136011	46.082	nq #	81
51) Acenaphthene	9.66	154	419536	39.001	nq	99
52) 3-Nitroaniline	9.58	138	143186	40.952	nq	98
53) 2,4-Dinitrophenol	9.69	184	58266	43.251	nq #	77
54) Dibenzofuran	9.83	168	580216	38.490	nq	97
55) 4-Nitrophenol	9.76	139	95061	37.214	nq #	68
56) 2,4-Dinitrotoluene	9.82	165	151827	40.032	nq #	74
57) Fluorene	10.17	166	467931	42.007	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	103135	40.862	nq #	96
59) Diethylphthalate	10.05	149	522779	39.410	nq	99
60) 4-Chlorophenyl-phenylether	10.16	204	194977	41.350	nq	96
61) 4-Nitroaniline	10.19	138	142766	43.482	nq	93
62) Azobenzene	10.32	77	458007	39.138	nq	93
64) 4,6-Dinitro-2-methylphenol	10.23	198	86160	44.016	nq #	75
65) n-Nitrosodiphenylamine	10.29	169	432288	38.789	nq	98
66) 4-Bromophenyl-phenylether	10.65	248	125158	39.320	nq	99
67) Hexachlorobenzene	10.72	284	141169	39.820	nq	95
68) Atrazine	10.82	200	122055	38.441	nq	95
69) Pentachlorophenol	10.92	266	64975	37.938	nq	97
70) Phenanthrene	11.12	178	678694	40.036	nq	98
71) Anthracene	11.17	178	692780	40.420	nq	98
72) Carbazole	11.33	167	679105	40.915	nq	98
73) Di-n-butylphthalate	11.67	149	925317	44.764	nq	98
74) Fluoranthene	12.30	202	740414	45.631	nq	98
76) Benzidine	12.43	184	381136	48.517	nq	95
77) Pyrene	12.53	202	788719	36.242	nq	99
79) Butylbenzylphthalate	13.16	149	390333	37.750	nq #	78
80) Benzo(a)anthracene	13.72	228	611315	40.916	nq	98
81) 3,3'-Dichlorobenzidine	13.68	252	245323	45.661	nq	97
82) Chrysene	13.75	228	610125	41.481	nq	100
83) Bis(2-ethylhexyl)phthalate	13.73	149	470133	37.335	nq #	99
84) Di-n-octyl phthalate	14.33	149	802591	38.558	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.38	276	471172	35.080	nq	98
87) Benzo(b)fluoranthene	14.72	252	571059	42.254	nq	99
88) Benzo(k)fluoranthene	14.74	252	469055	36.651	nq	97
89) Benzo(a)pyrene	15.04	252	491789	39.675	nq	98
90) Dibenzo(a,h)anthracene	16.39	278	388838	34.091	nq	98
91) Benzo(g,h,i)perylene	16.76	276	392246	32.115	nq	98

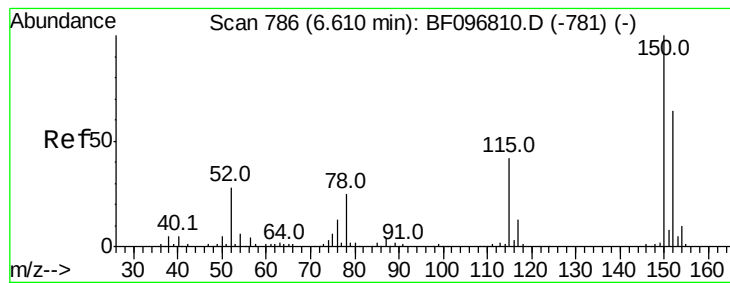
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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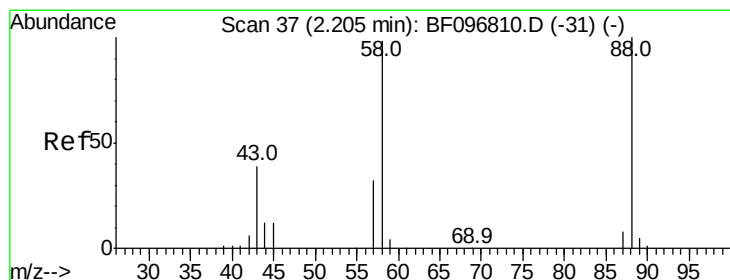
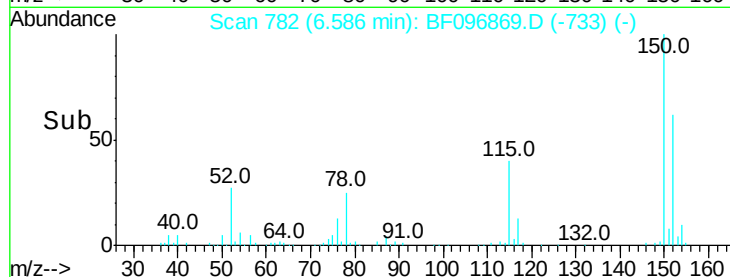
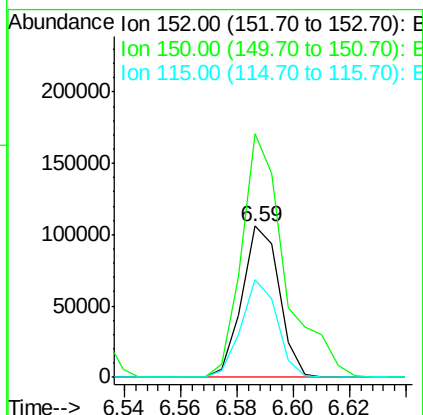
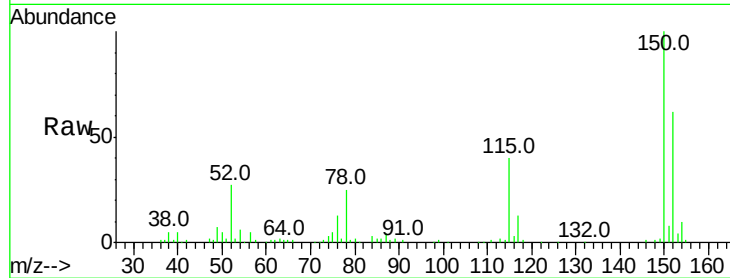


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Instrument :
BNA_F
ClientSampled :

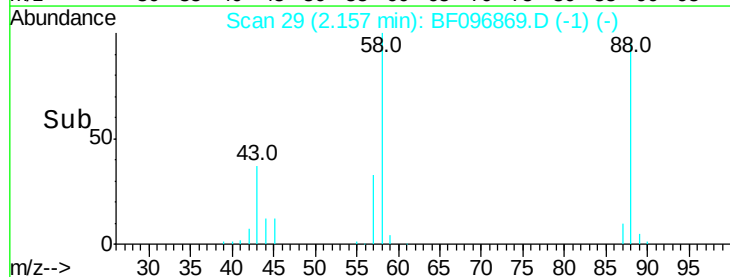
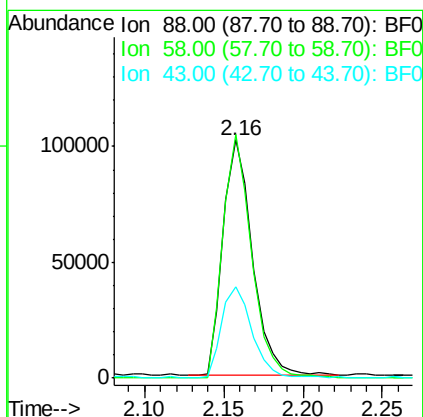
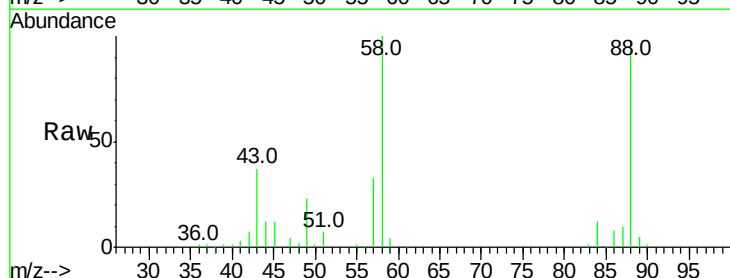
Tot Ion:152 Resp: 97134
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 64.9 52.2 78.2

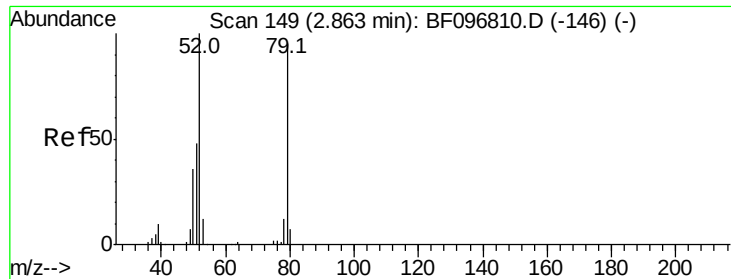


#2

1,4-Dioxane
Concen: 39.442 ng
RT: 2.16 min Scan# 29
Delta R.T. -0.03 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion: 88 Resp: 131108
Ion Ratio Lower Upper
88 100
58 101.1 61.4 92.0#
43 41.2 23.4 35.0#





#3

Pvridine

Concen: 44.409 ng

RT: 2.81 min Scan# 140

Delta R.T. -0.04 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

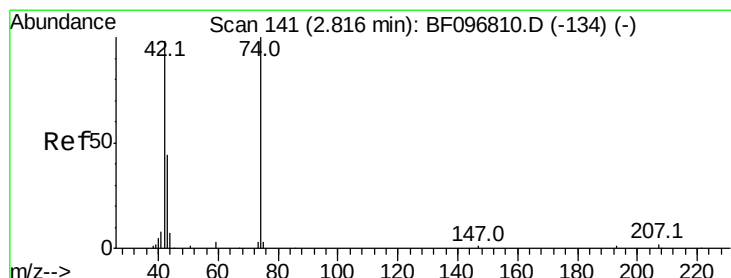
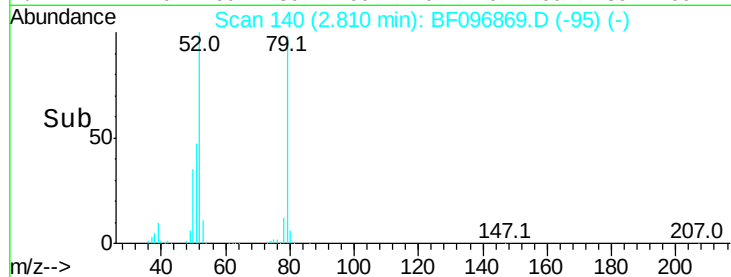
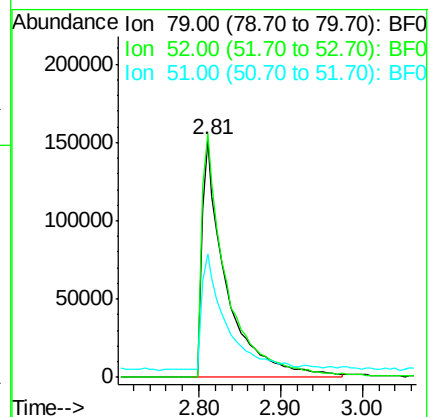
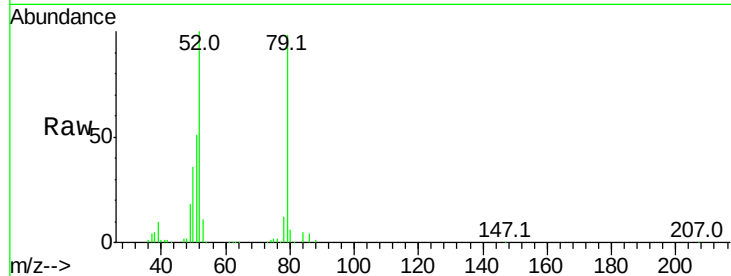
Tot Ion: 79 Resp: 310240

Ion Ratio Lower Upper

79 100

52 102.4 54.8 82.2#

51 51.9 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 43.727 ng

RT: 2.76 min Scan# 131

Delta R.T. -0.04 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

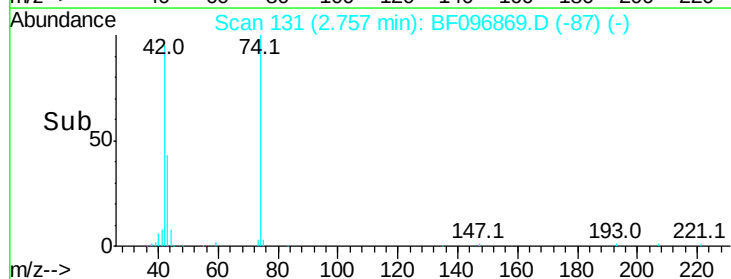
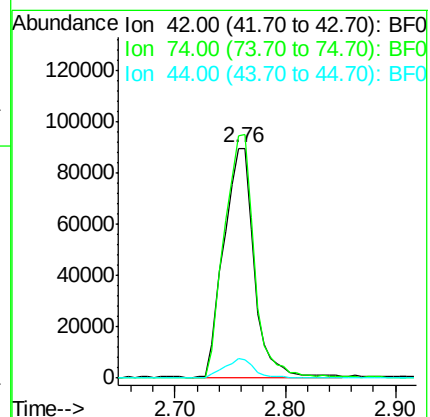
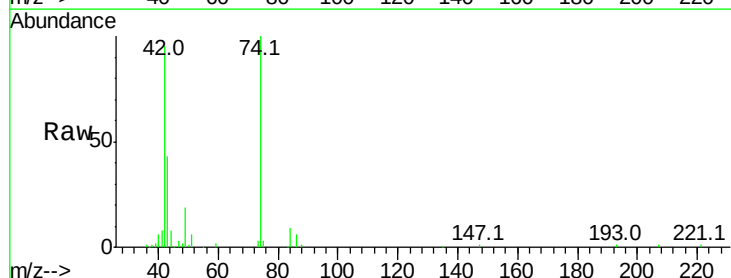
Tgt Ion: 42 Resp: 170831

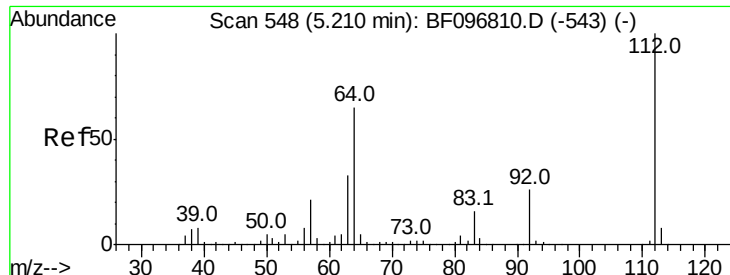
Ion Ratio Lower Upper

42 100

74 105.2 103.9 155.9

44 8.3 5.7 8.5





#5

2-Fluorophenol

Concen: 80.338 ng

RT: 5.19 min Scan# 544

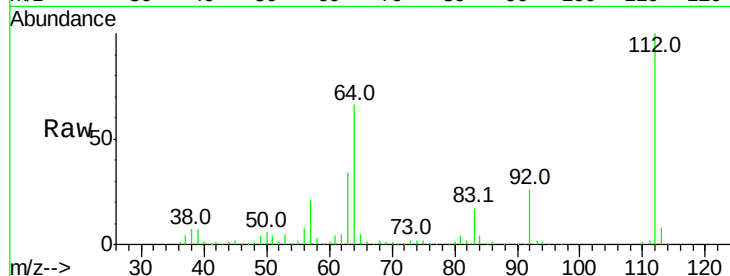
Delta R.T. -0.01 min

Lab File: BF096869.D

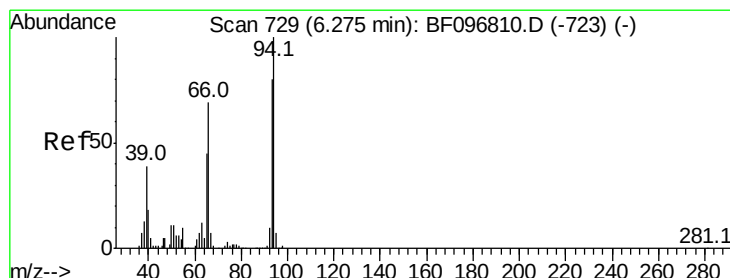
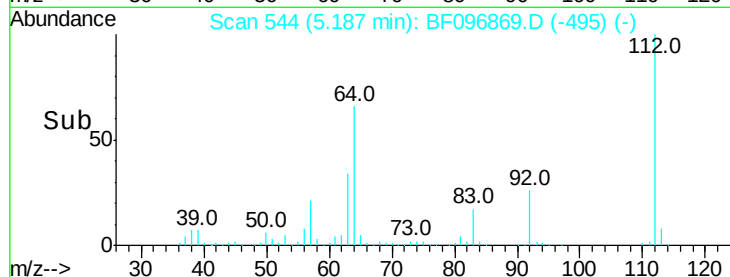
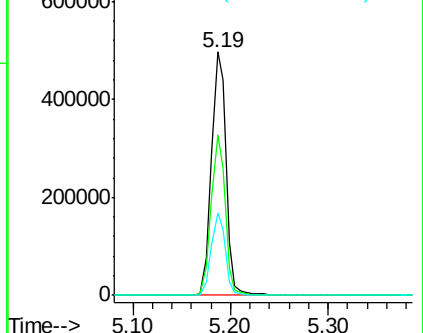
Acq: 19 Jul 2017 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	518998
Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	34.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 37.756 ng

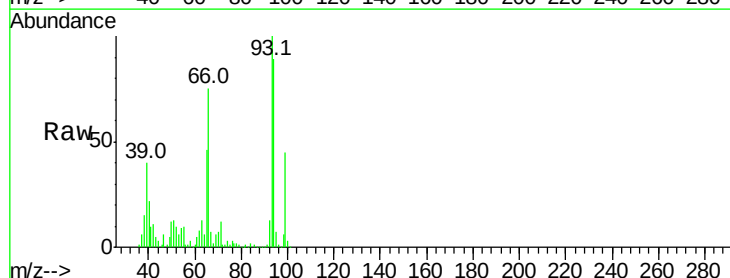
RT: 6.25 min Scan# 725

Delta R.T. -0.01 min

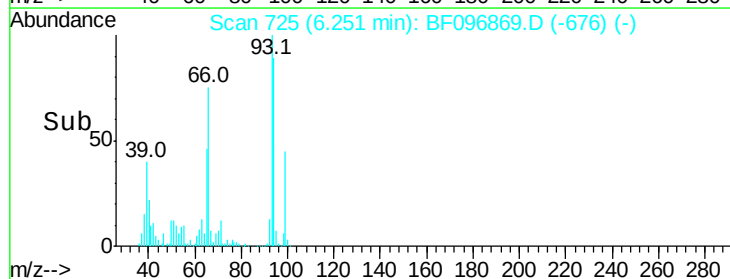
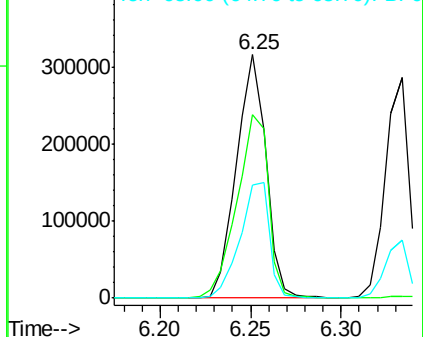
Lab File: BF096869.D

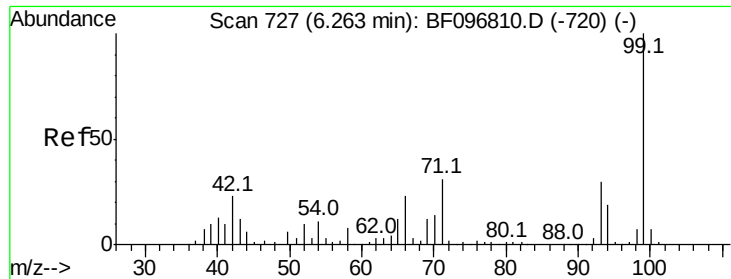
Acq: 19 Jul 2017 14:48

Tgt Ion:	93	Resp:	360542
Ion	Ratio	Lower	Upper
93	100		
66	75.2	32.9	49.3#
65	46.3	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 75.967 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

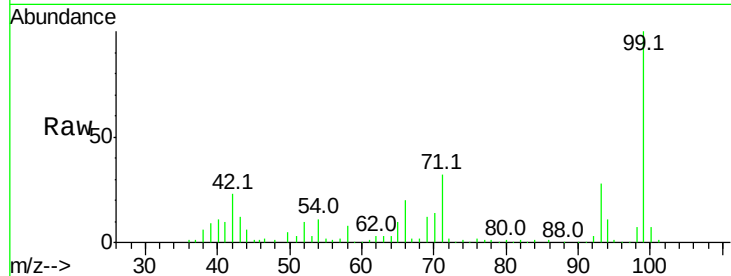
Tot Ion: 99 Resp: 588924

Ion Ratio Lower Upper

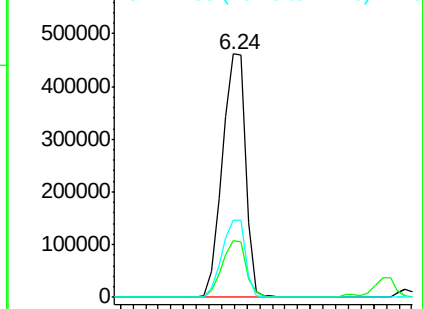
99 100

42 23.4 13.5 20.3#

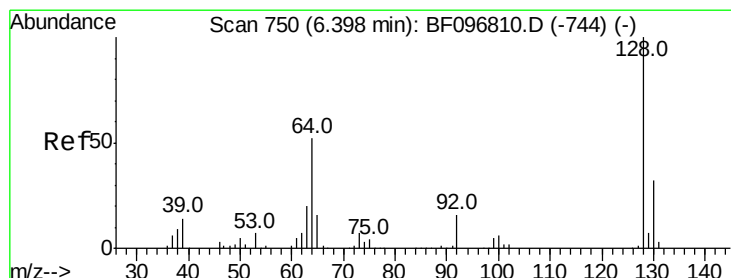
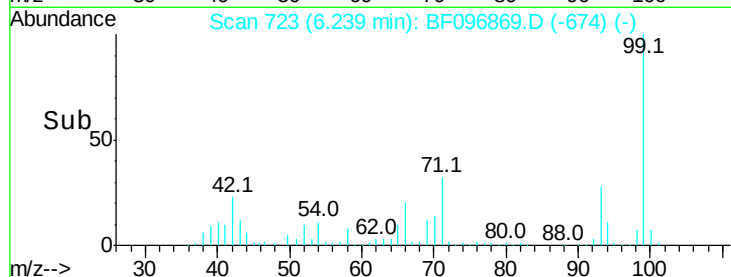
71 31.7 24.5 36.7



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



Time--> 6.15 6.20 6.25 6.30 6.35



#8

2-Chlorophenol

Concen: 39.695 ng

RT: 6.37 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

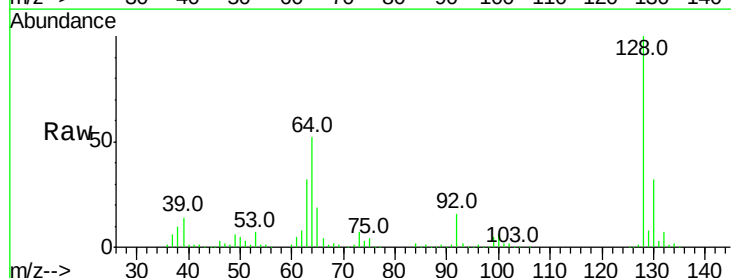
Tgt Ion: 128 Resp: 276645

Ion Ratio Lower Upper

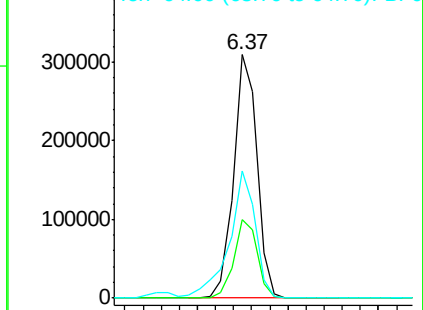
128 100

130 32.0 12.9 52.9

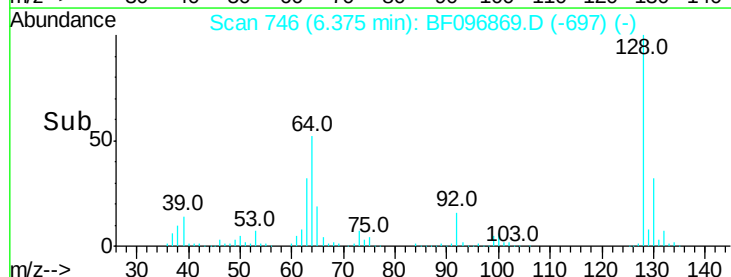
64 52.3 28.4 68.4

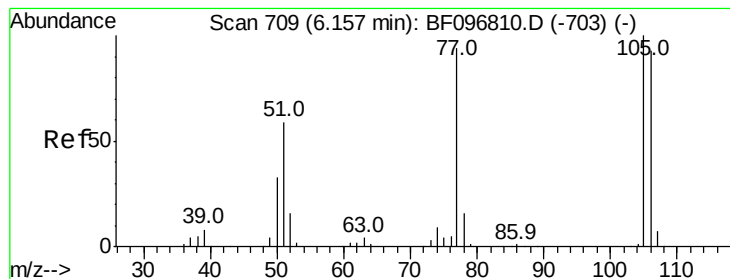


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



Time--> 6.35 6.40 6.45





#9

Benzaldehyde

Concen: 36.410 ng

RT: 6.13 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampled :

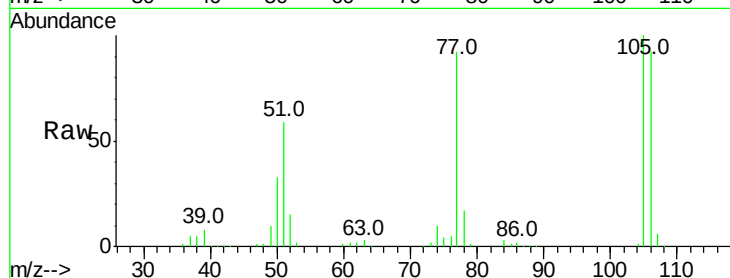
Tot Ion: 77 Resp: 163144

Ion Ratio Lower Upper

77 100

105 108.6 83.8 123.8

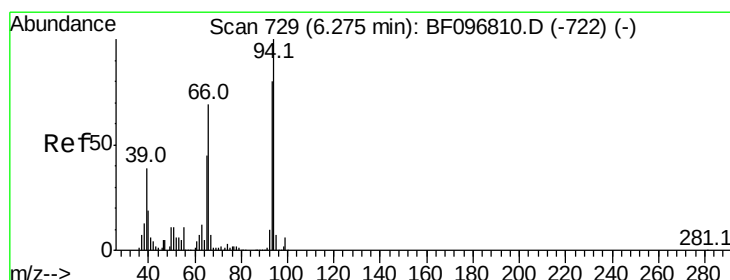
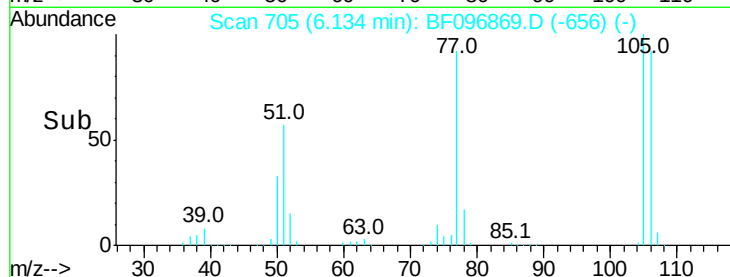
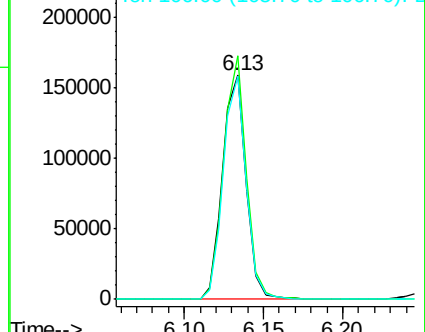
106 99.6 79.1 119.1



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: 38.425 ng

RT: 6.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF096869.D

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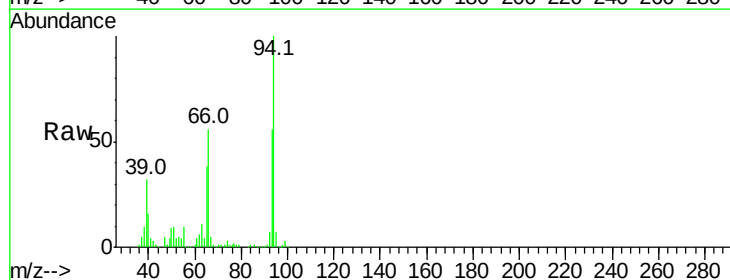
Tgt Ion: 94 Resp: 336748

Ion Ratio Lower Upper

94 100

65 38.1 9.9 49.9

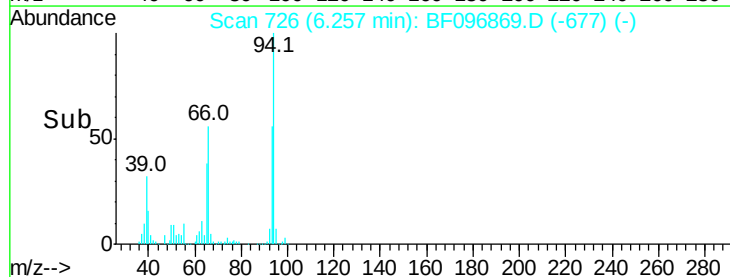
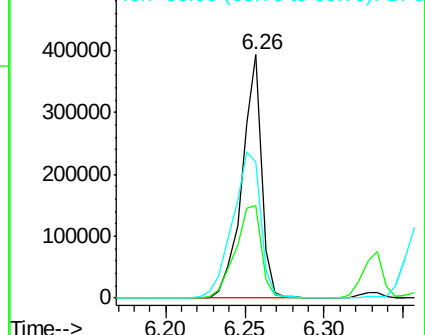
66 55.9 23.1 63.1

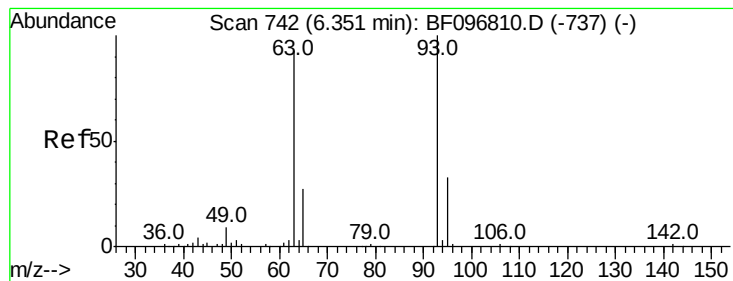


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

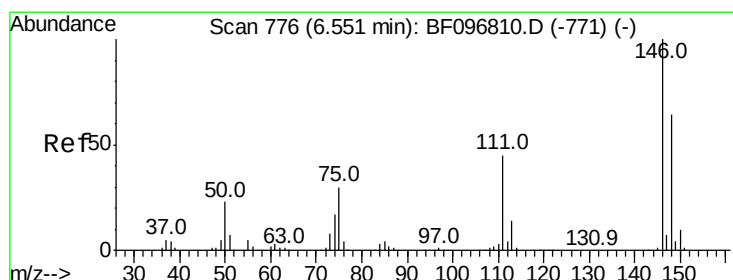
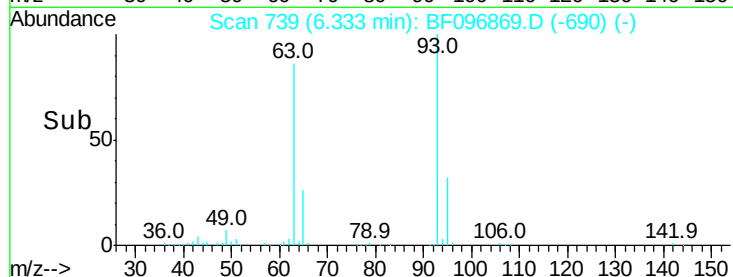
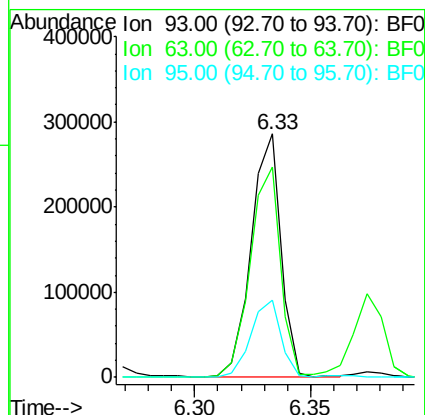
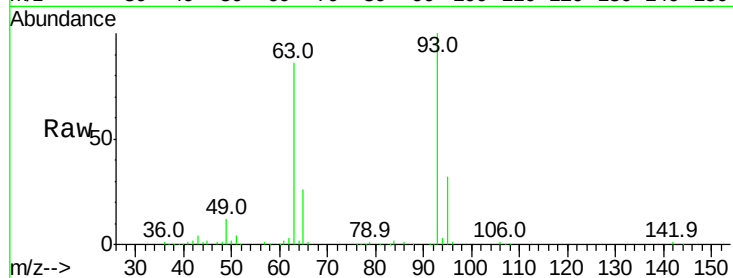




#11
bis(2-Chloroethyl)ether
Concen: 39.016 ng
RT: 6.33 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

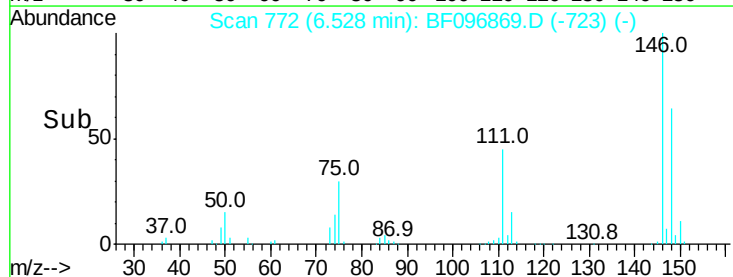
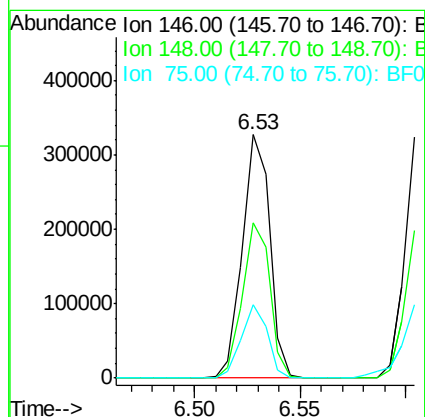
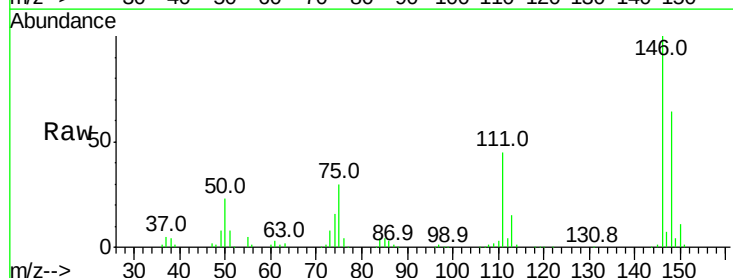
Instrument :
BNA_F
ClientSampleId :

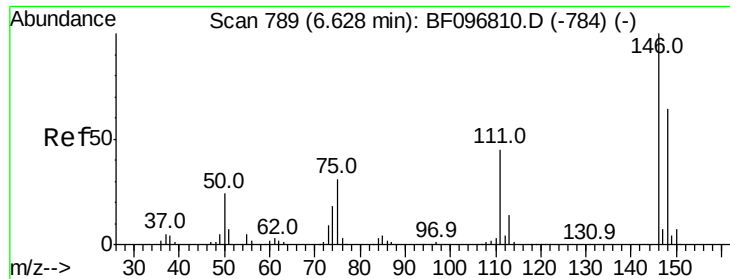
Tot Ion: 93 Resp: 257126
Ion Ratio Lower Upper
93 100
63 86.1 59.2 99.2
95 31.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.743 ng
RT: 6.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion: 146 Resp: 294419
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 30.4 23.1 34.7

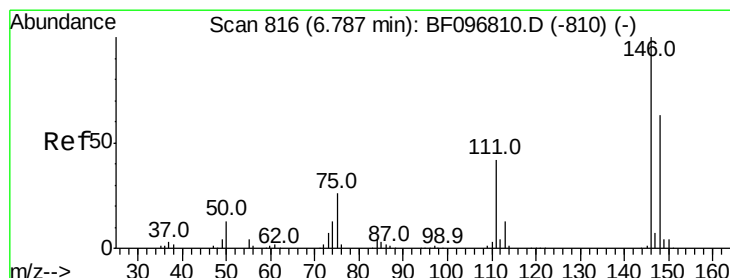
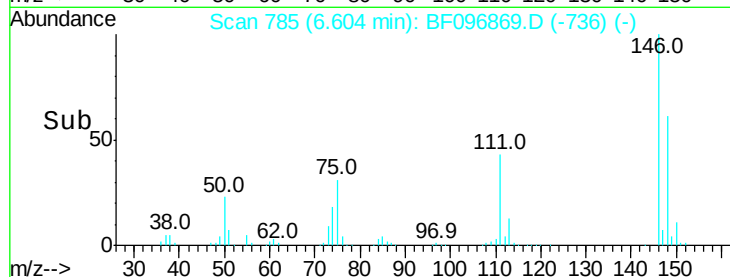
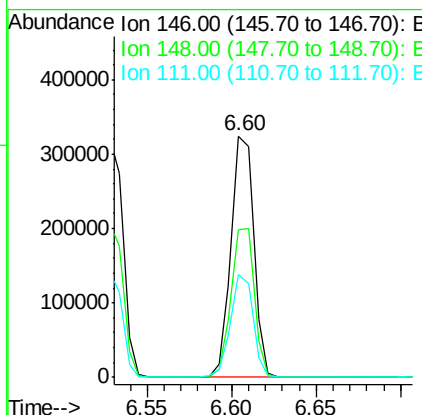
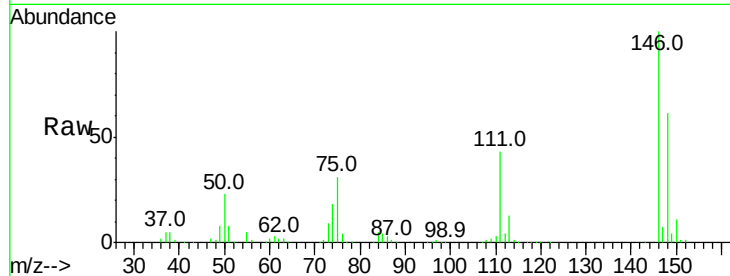




#13
 1,4-Dichlorobenzene
 Concen: 40.638 ng
 RT: 6.60 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

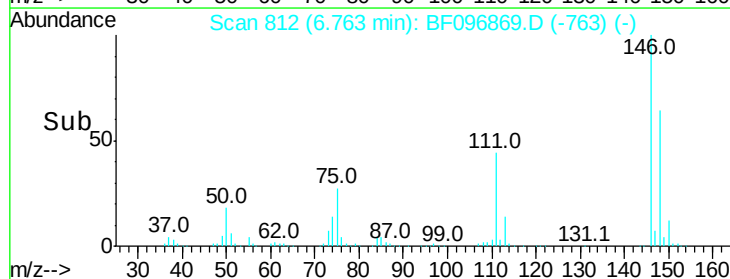
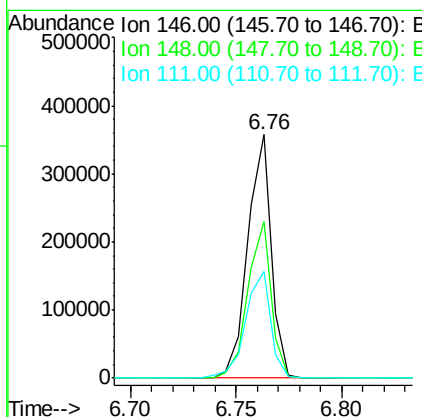
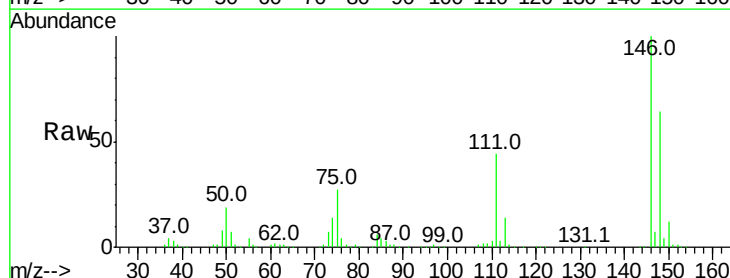
Instrument :
 BNA_F
 ClientSampled :

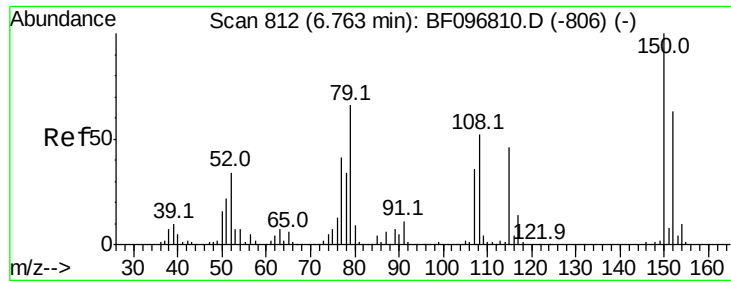
Tot Ion:146 Resp: 304878
 Ion Ratio Lower Upper
 146 100
 148 61.4 52.2 78.2
 111 42.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.510 ng
 RT: 6.76 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Tgt Ion:146 Resp: 276428
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 43.8 38.2 57.4

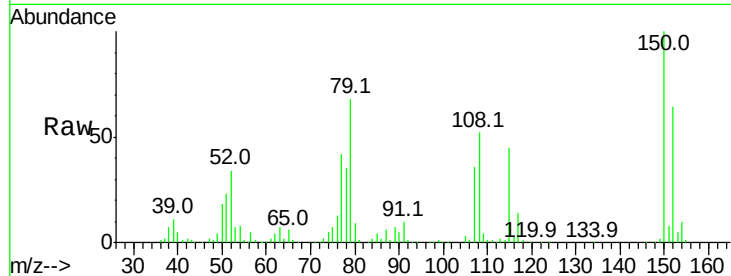




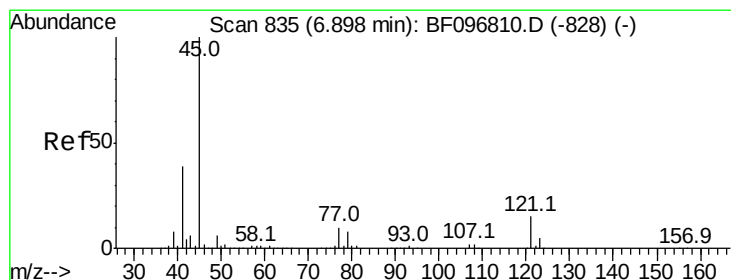
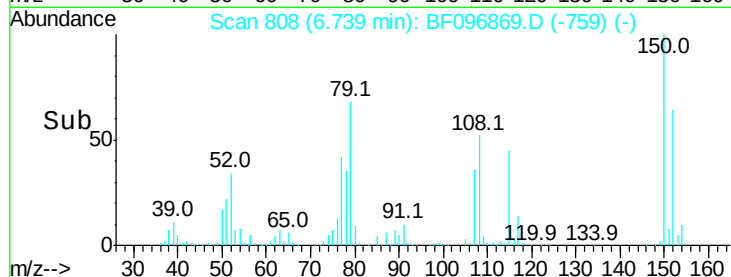
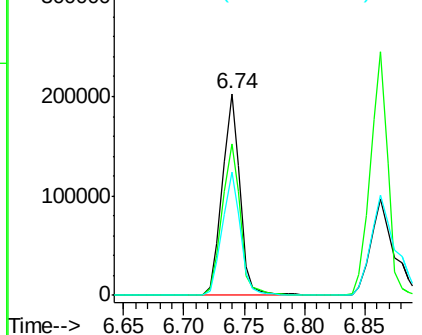
#15
Benzyl Alcohol
Concen: 40.416 ng
RT: 6.74 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 205127
Ion Ratio Lower Upper
79 100
108 75.2 63.4 95.0
77 61.4 49.2 73.8

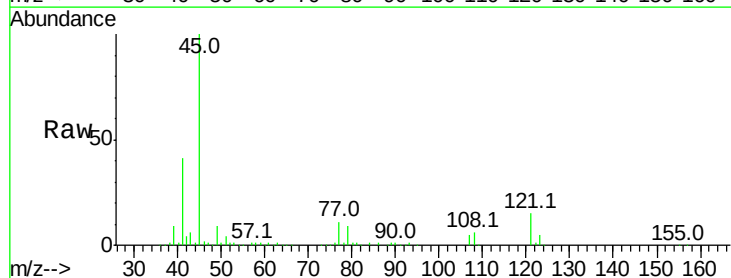


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

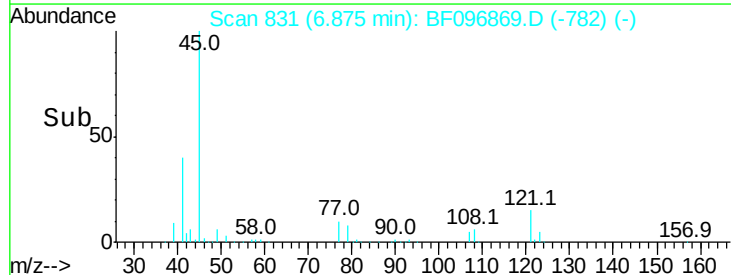
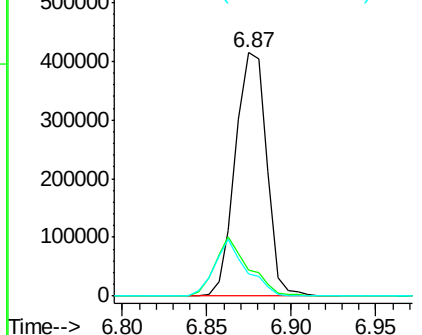


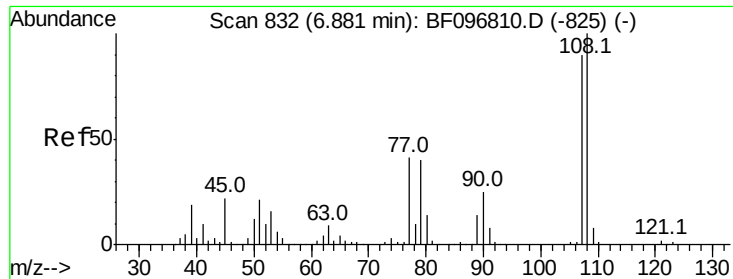
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.408 ng
RT: 6.87 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion: 45 Resp: 535983
Ion Ratio Lower Upper
45 100
77 10.9 0.0 33.2
79 9.0 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

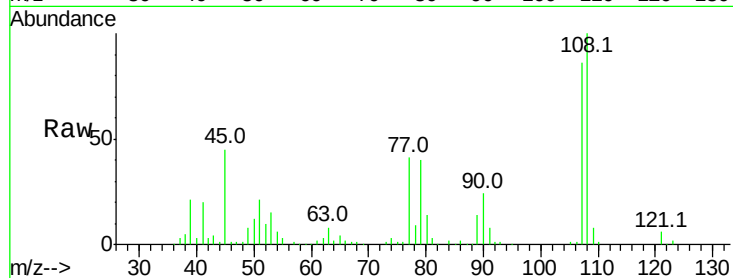




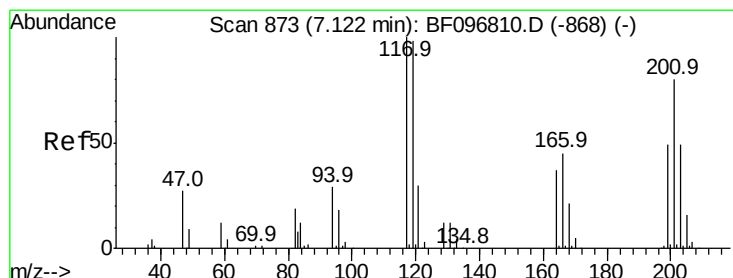
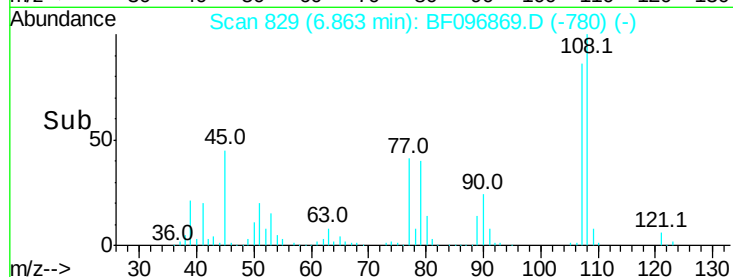
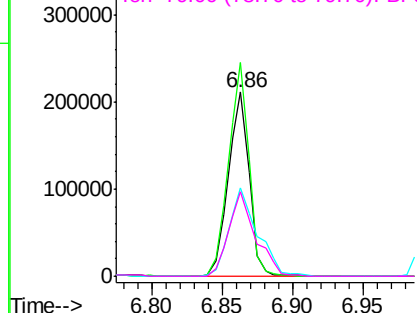
#17
2-Methylphenol
Concen: 40.041 ng
RT: 6.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 217004
Ion Ratio Lower Upper
107 100
108 116.0 93.4 140.0
77 47.9 35.8 53.6
79 46.0 34.8 52.2

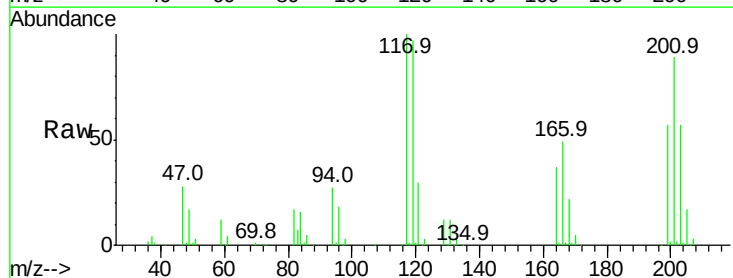


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

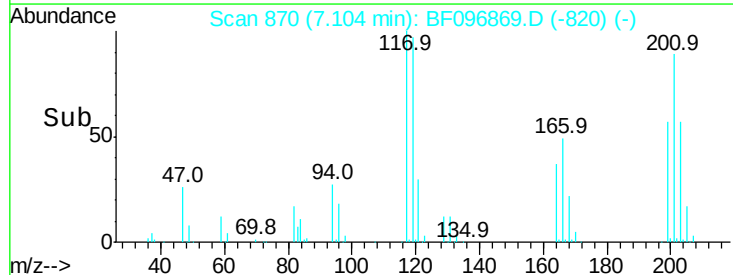
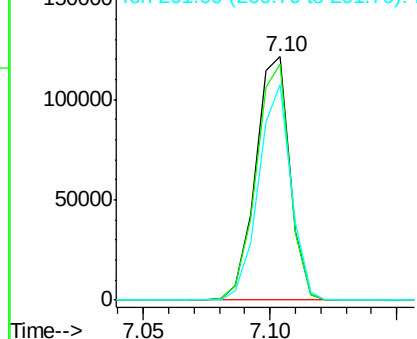


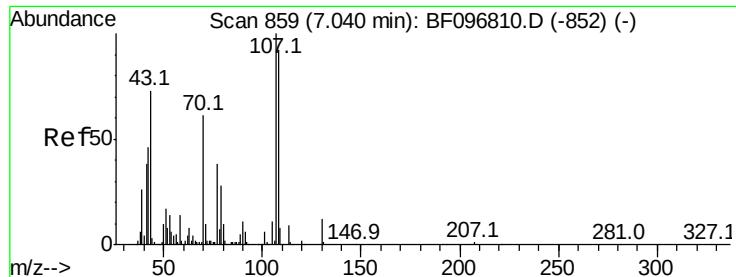
#18
Hexachloroethane
Concen: 42.969 ng
RT: 7.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion:117 Resp: 114309
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.0
201 88.7 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

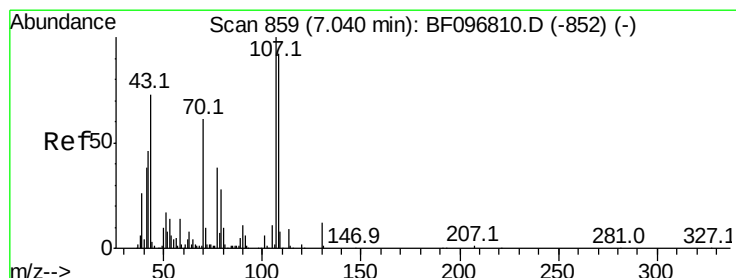
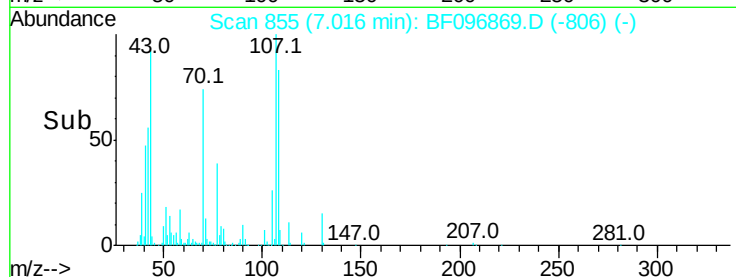
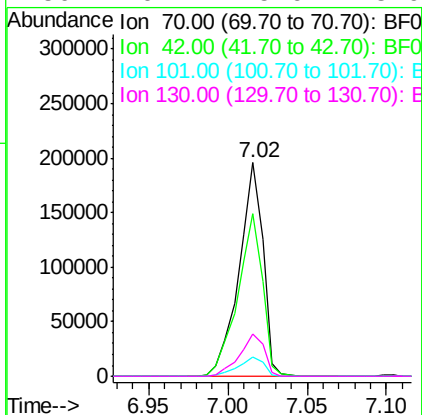
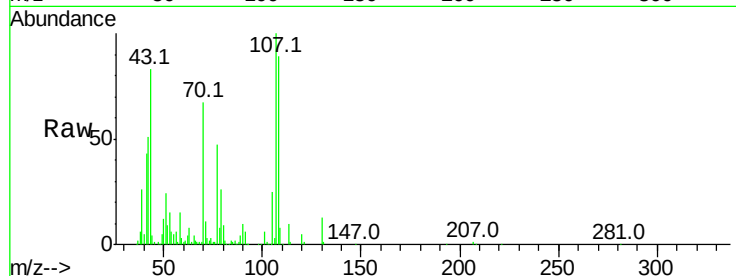




#19
n-Nitroso-di-n-propylamine
Concen: 43.704 ng
RT: 7.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

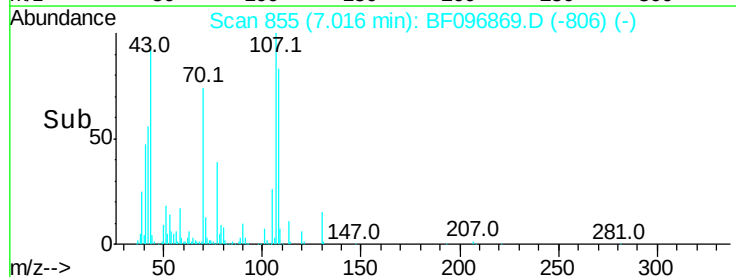
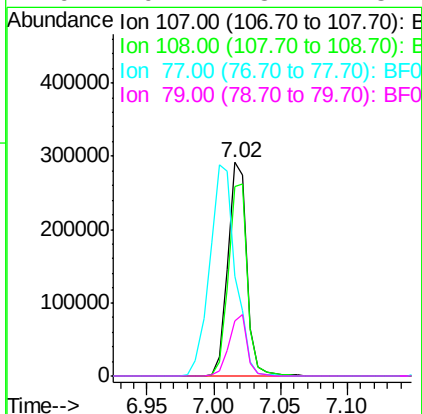
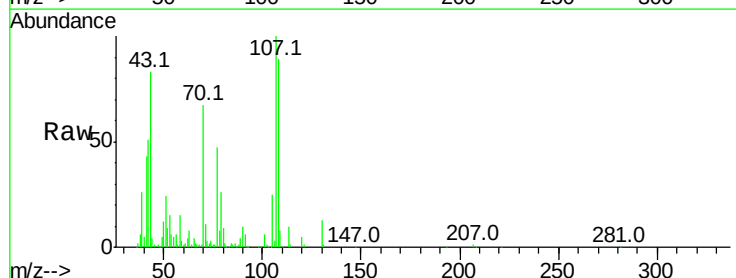
Instrument :
BNA_F
ClientSampleId :

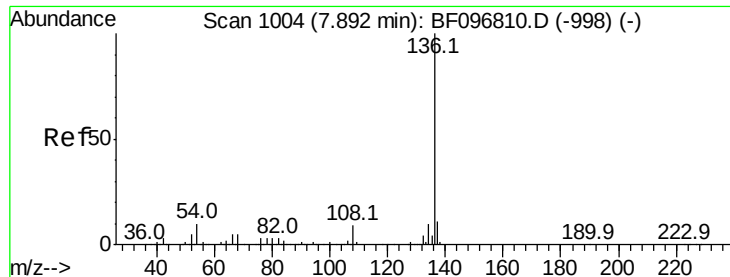
Tot Ion:	70	Resp:	204119
Ion	Ratio	Lower	Upper
70	100		
42	76.3	47.2	70.8#
101	8.9	7.2	10.8
130	19.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 44.640 ng
RT: 7.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion:	107	Resp:	293572
Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.0	111.0
77	46.9	90.5	130.5#
79	26.1	8.4	48.4

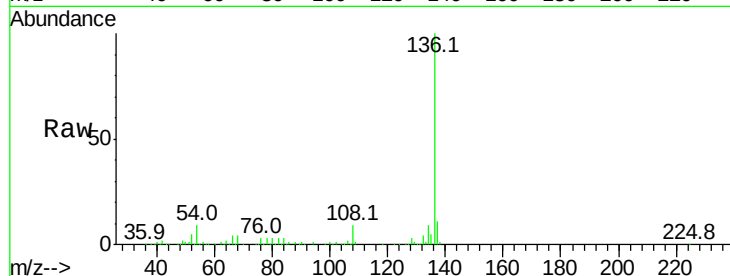




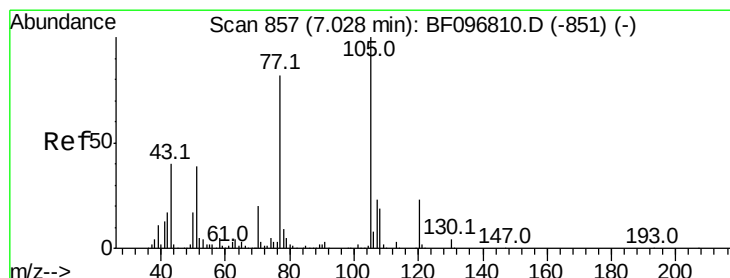
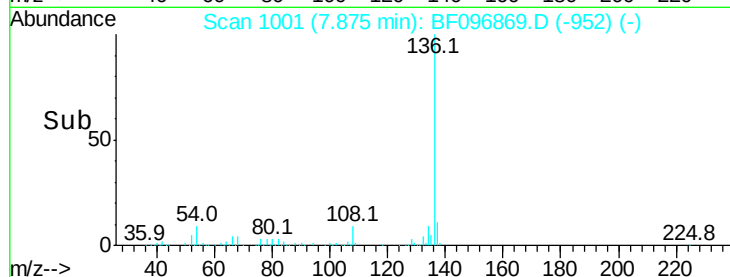
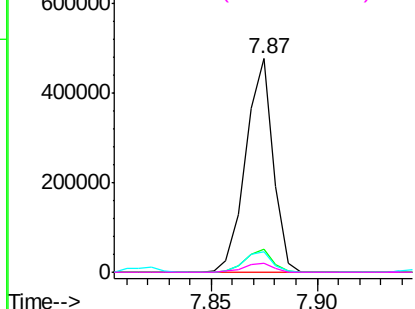
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	428022
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	9.3	4.9 7.3#
68	4.4	4.1 6.1

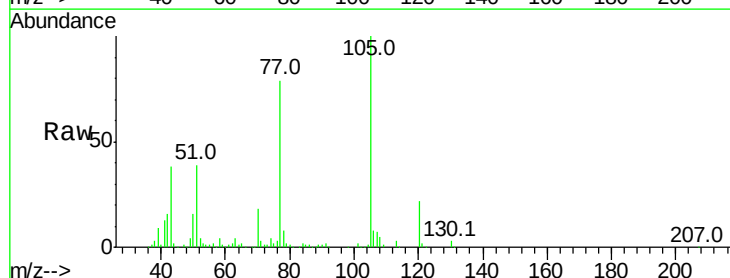


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

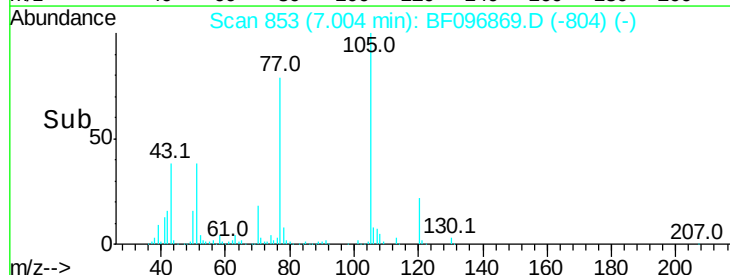
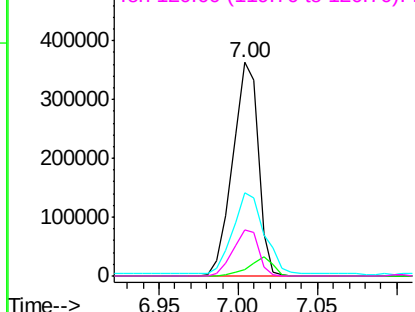


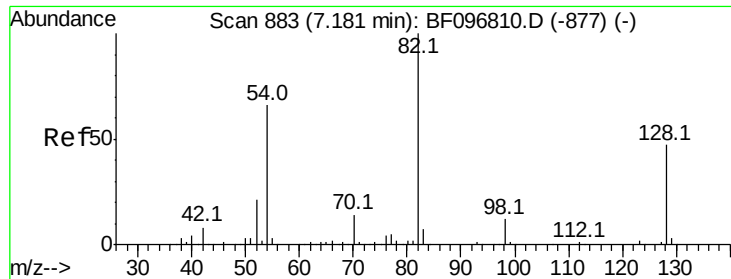
#22
Acetophenone
Concen: 42.486 ng
RT: 7.00 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion:105	Resp:	406441
Ion Ratio	Lower	Upper
105	100	
71	2.8	2.8 4.2#
51	38.9	30.7 46.1
120	21.6	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

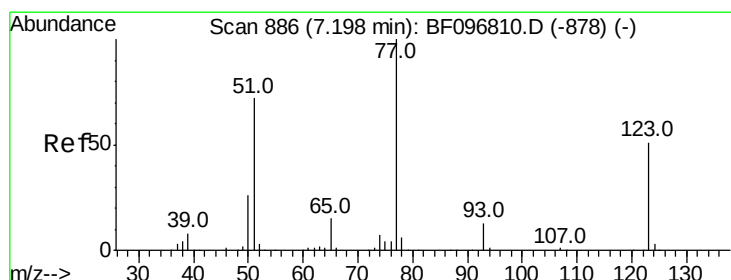
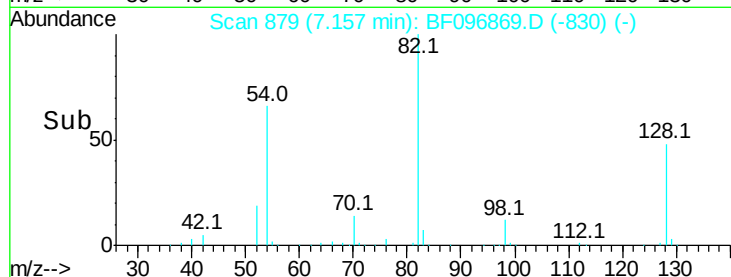
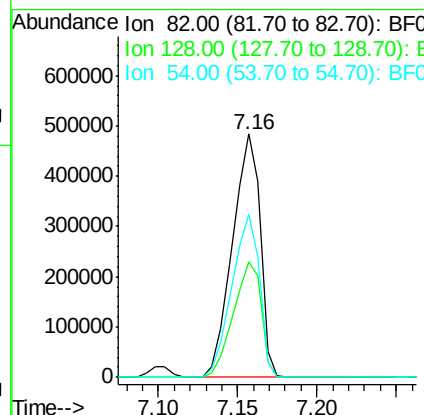
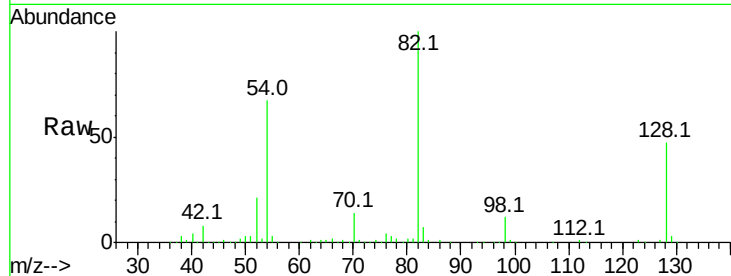




#23
 Nitrobenzene-d5
 Concen: 84.704 ng
 RT: 7.16 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

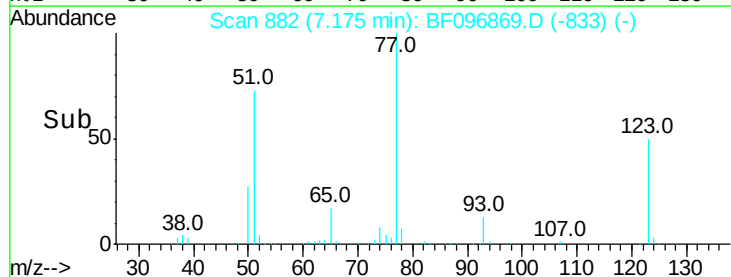
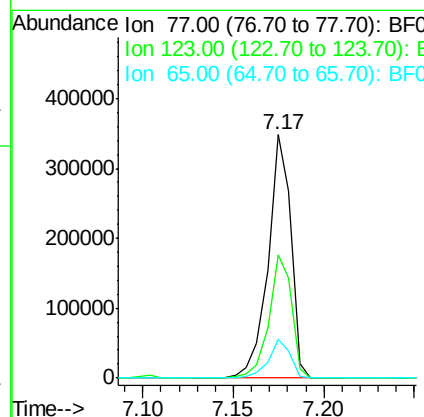
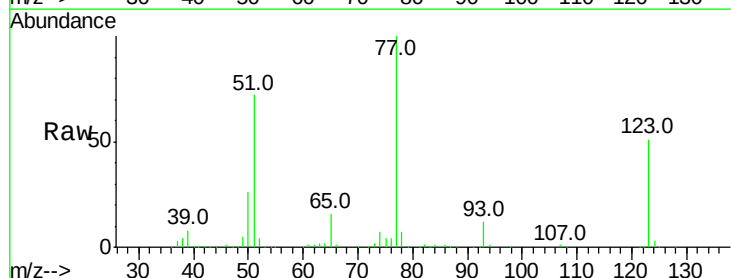
Instrument :
 BNA_F
 ClientSampleId :

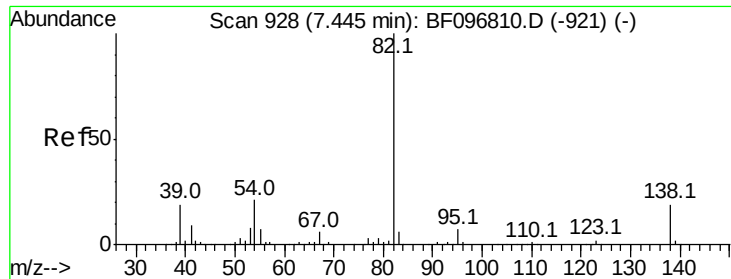
Tot Ion: 82 Resp: 585321
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 66.8 42.2 63.2#



#24
 Nitrobenzene
 Concen: 42.618 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Tgt Ion: 77 Resp: 304581
 Ion Ratio Lower Upper
 77 100
 123 50.7 35.8 53.8
 65 16.0 10.6 15.8#





#25

Isophorone

Concen: 42.969 ng

RT: 7.42 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

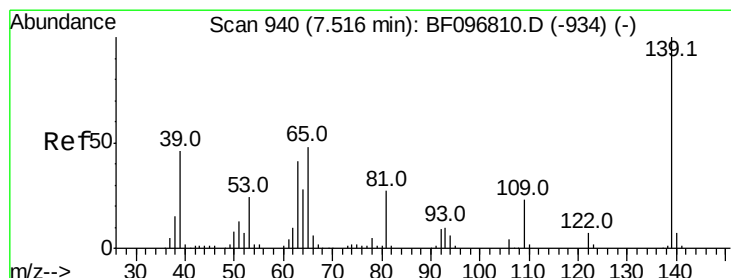
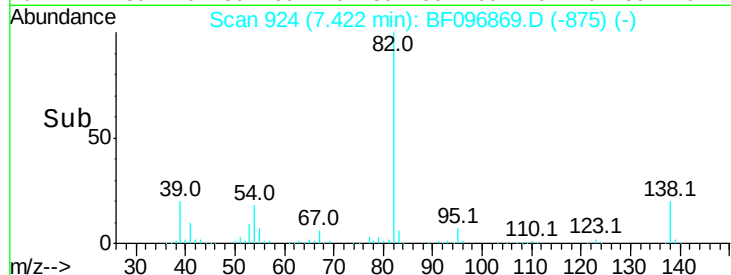
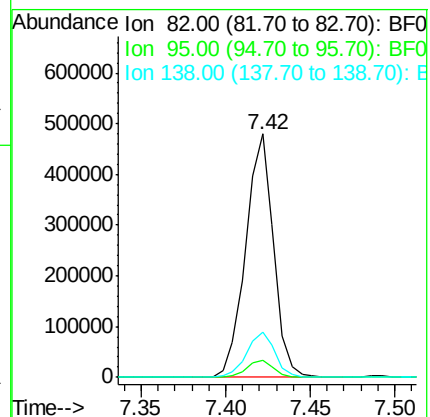
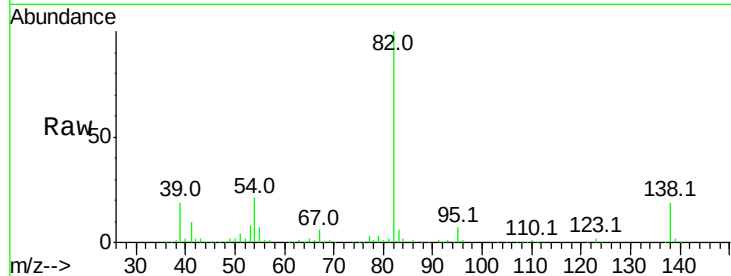
Tot Ion: 82 Resp: 552354

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.8 13.1 19.7



#26

2-Nitrophenol

Concen: 39.495 ng

RT: 7.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

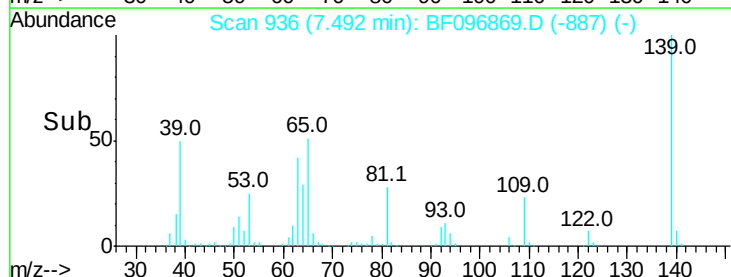
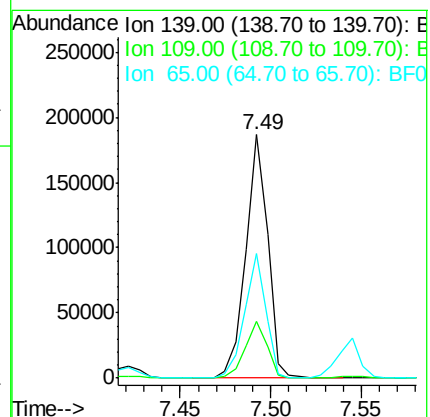
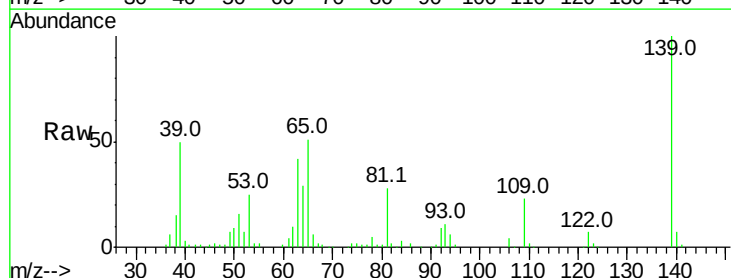
Tgt Ion: 139 Resp: 156949

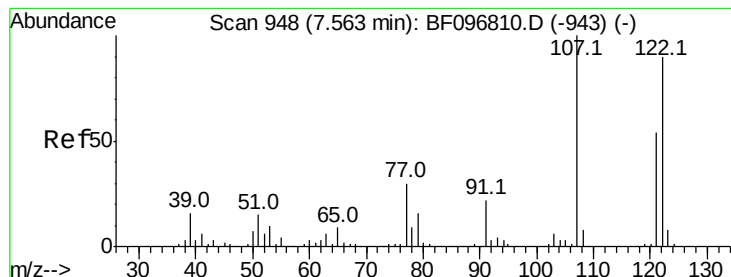
Ion Ratio Lower Upper

139 100

109 23.3 21.0 31.6

65 51.3 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 40.627 ng

RT: 7.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

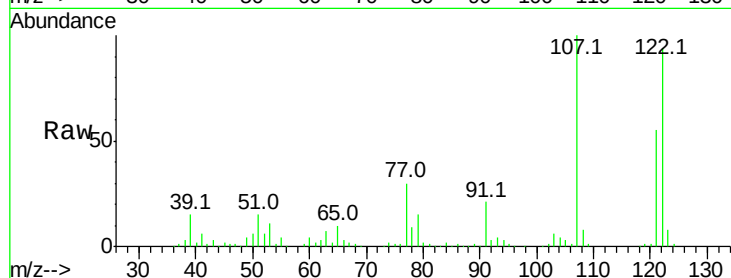
Tot Ion:122 Resp: 265600

Ion Ratio Lower Upper

122 100

107 106.1 89.2 133.8

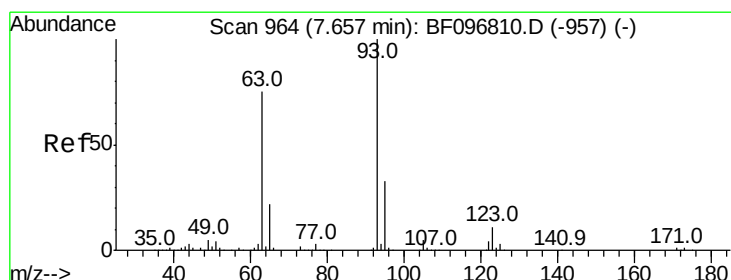
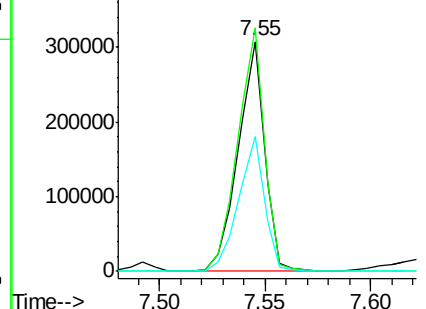
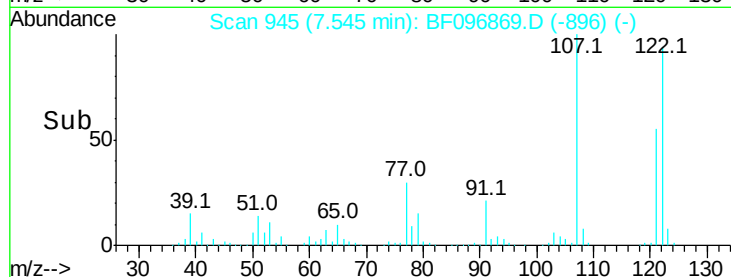
121 58.8 45.2 67.8



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: 43.202 ng

RT: 7.63 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

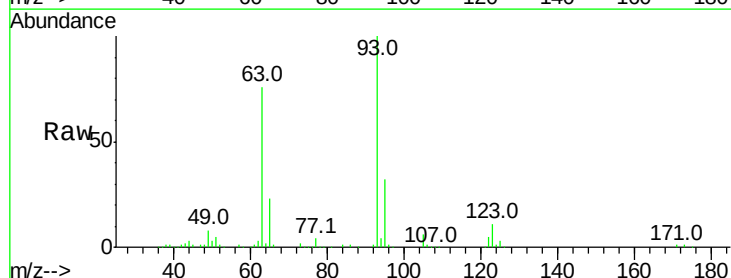
Tgt Ion: 93 Resp: 375276

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

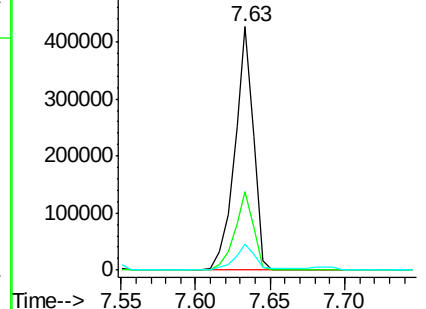
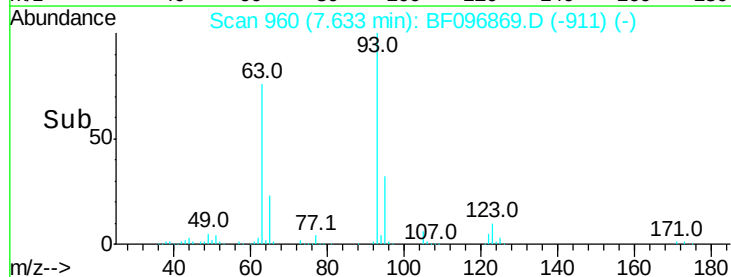
123 10.5 9.0 13.4

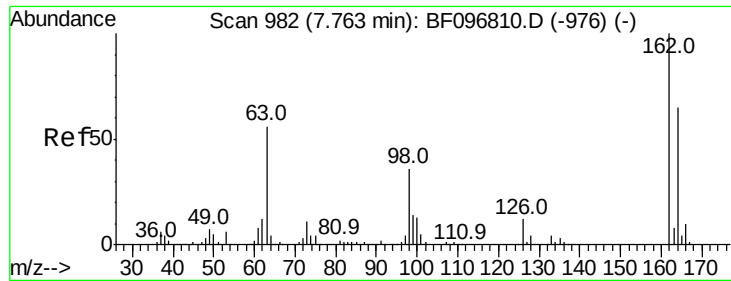


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

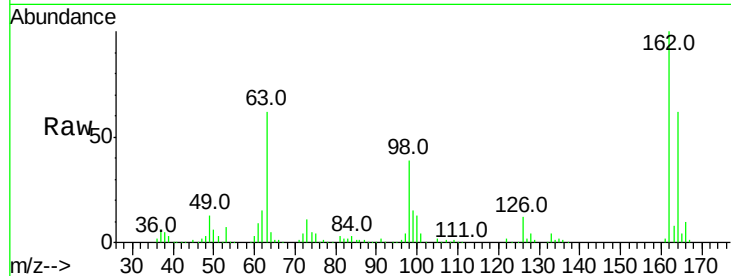




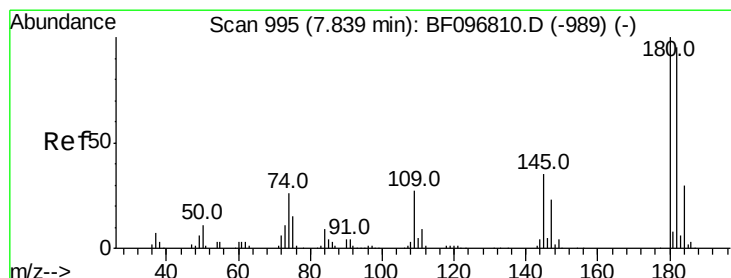
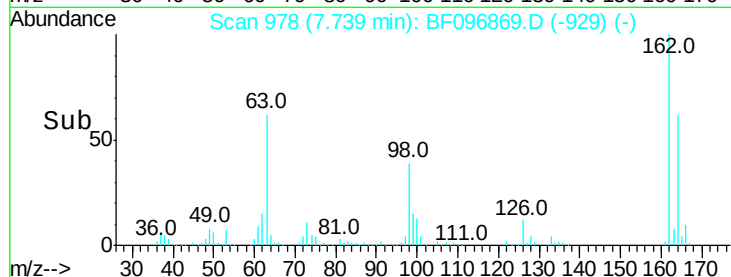
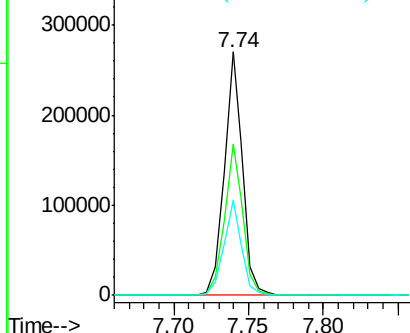
#29
2,4-Dichlorophenol
Concen: 39.246 ng
RT: 7.74 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	44.6	84.6
98	38.9	14.8	54.8

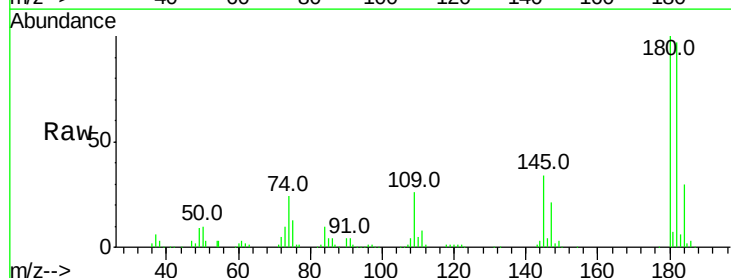


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

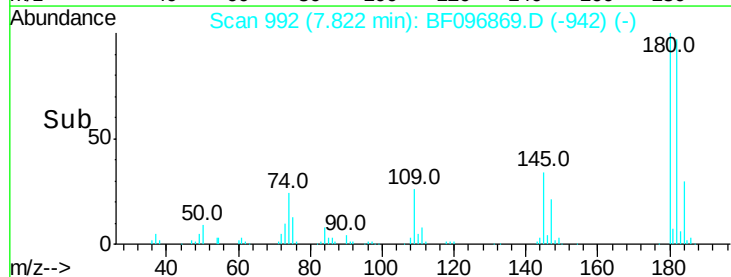
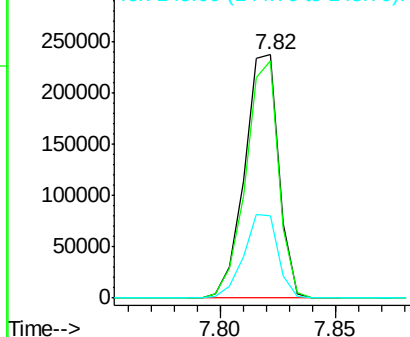


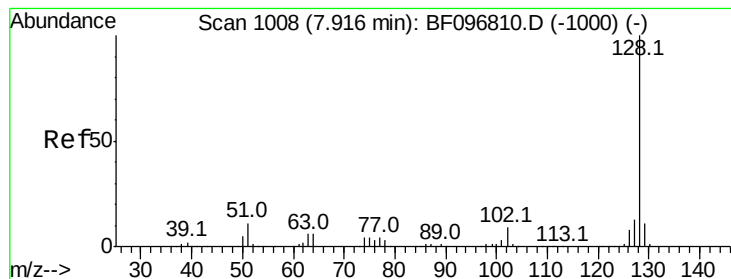
#30
1,2,4-Trichlorobenzene
Concen: 43.750 ng
RT: 7.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.8	113.6
145	33.6	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: 41.331 ng

RT: 7.90 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

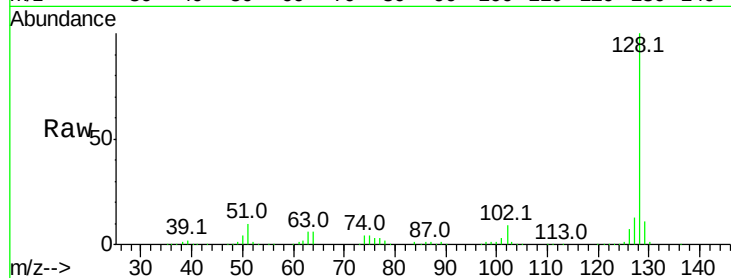
Tot Ion:128 Resp: 838045

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

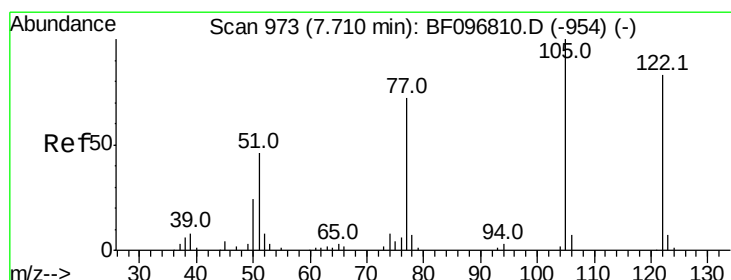
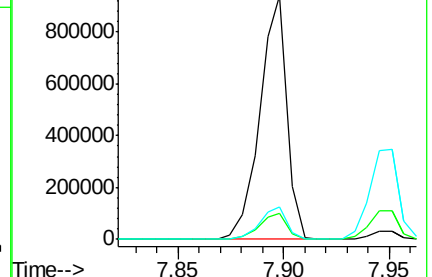
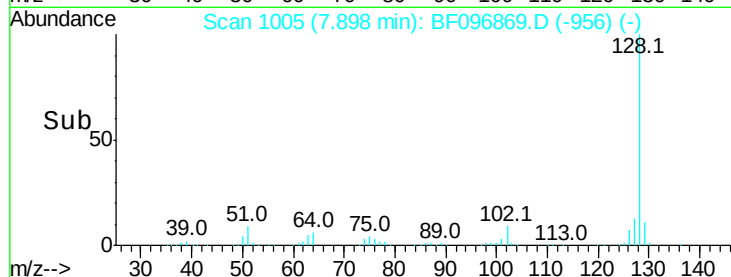
127 13.4 10.8 16.2



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: 42.071 ng

RT: 7.69 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

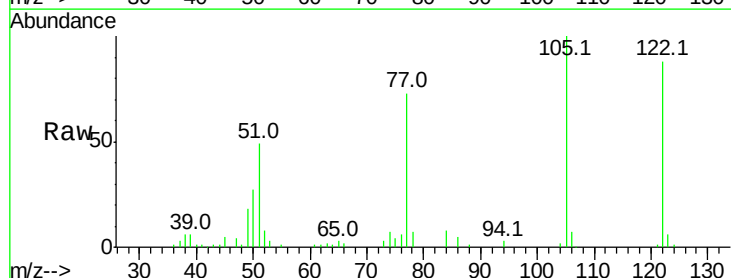
Tgt Ion:122 Resp: 175790

Ion Ratio Lower Upper

122 100

105 113.2 103.3 143.3

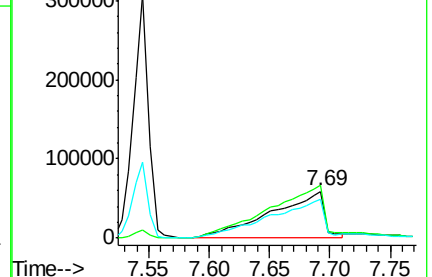
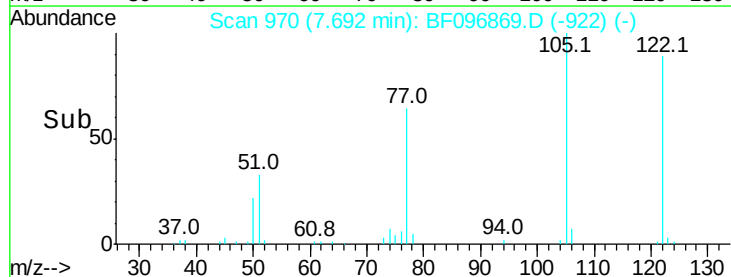
77 82.2 73.7 113.7

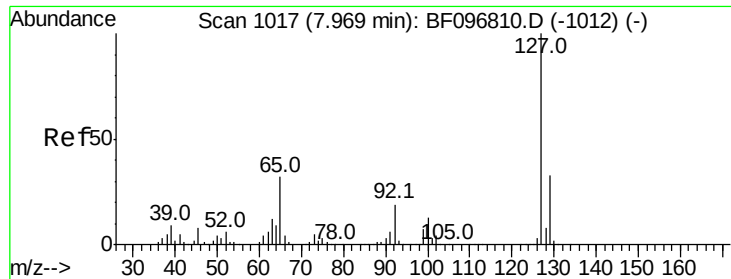


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

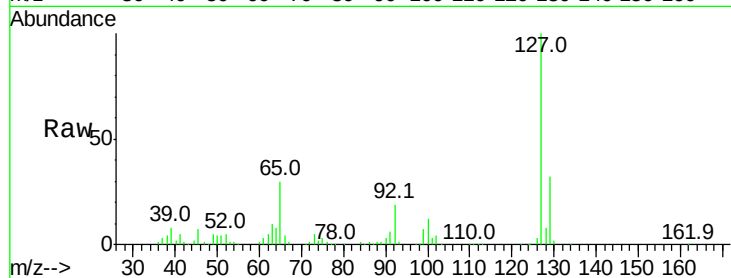




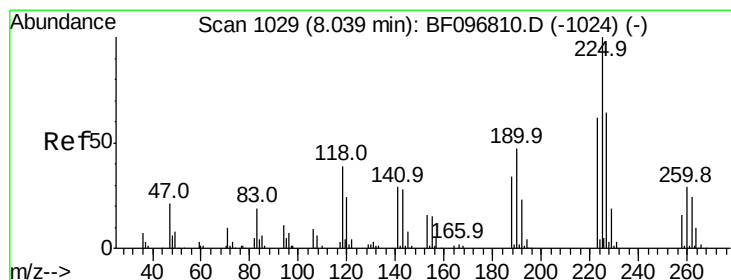
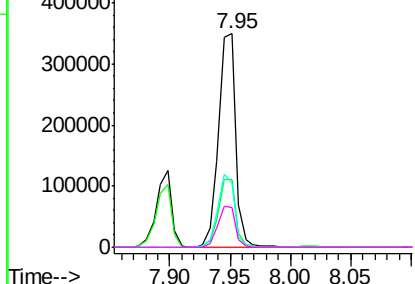
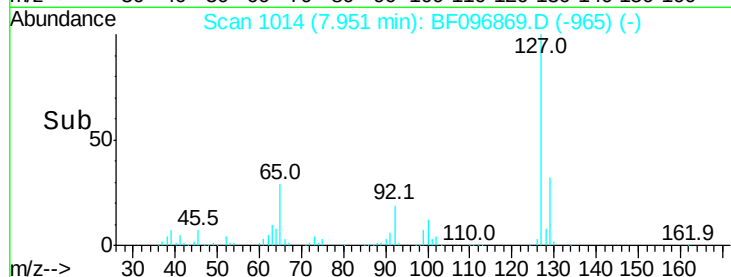
#33
4-Chloroaniline
Concen: 42.449 ng
RT: 7.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	341017
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	29.9	27.8	41.8
92	18.5	16.8	25.2

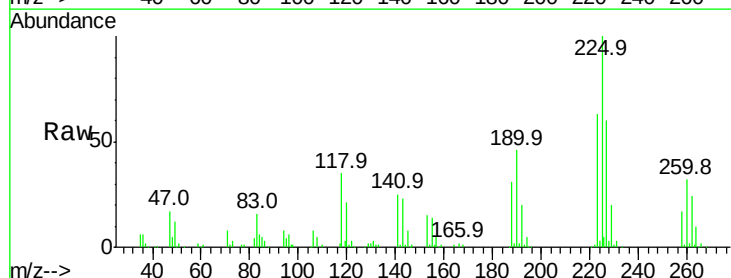


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

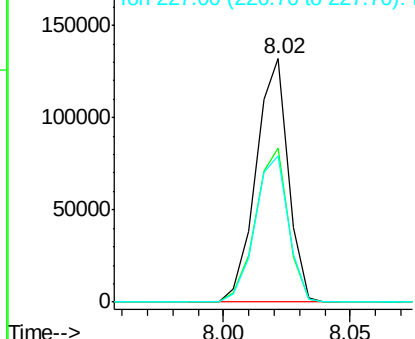
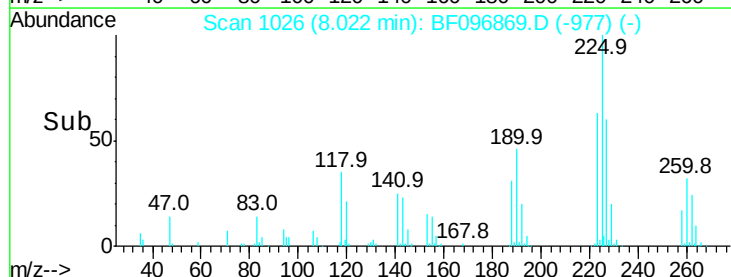


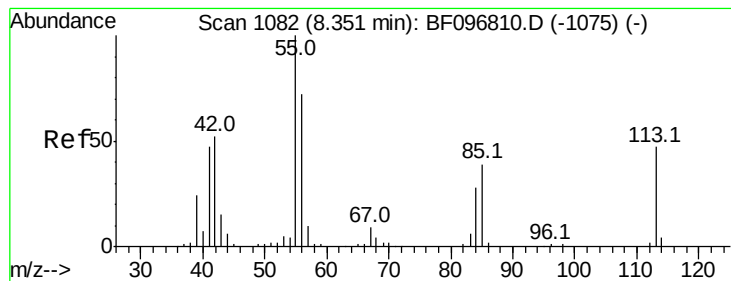
#34
Hexachlorobutadiene
Concen: 38.979 ng
RT: 8.02 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion:	225	Resp:	117078
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	60.1	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: 42.139 ng

RT: 8.33 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

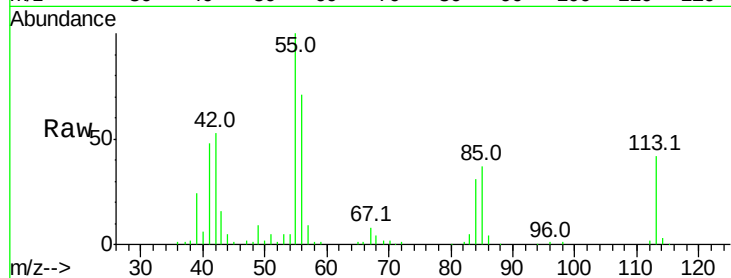
Tot Ion:113 Resp: 79901

Ion Ratio Lower Upper

113 100

55 235.9 150.2 190.2#

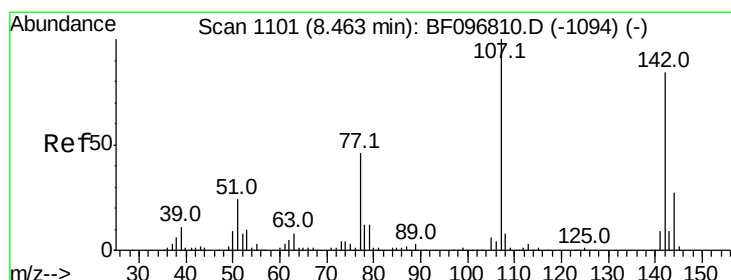
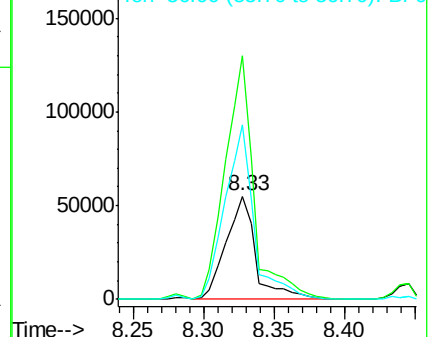
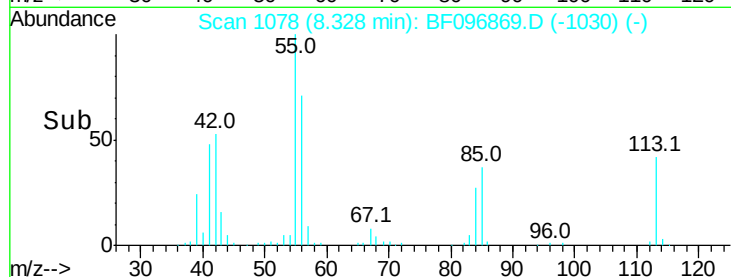
56 168.5 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.849 ng

RT: 8.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

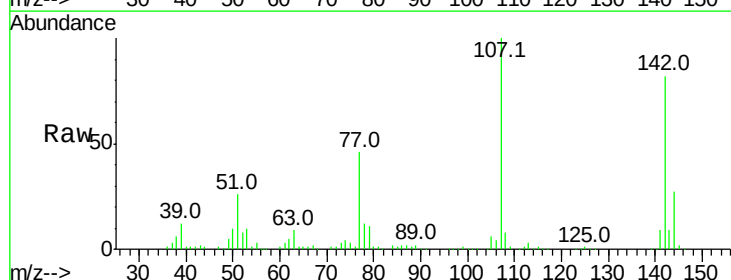
Tgt Ion:107 Resp: 279013

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

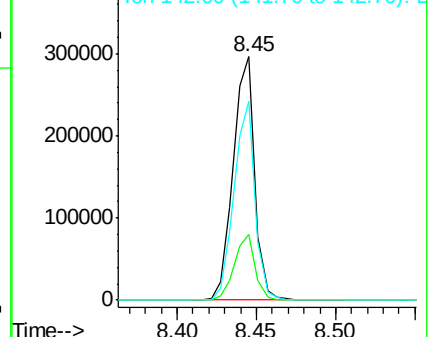
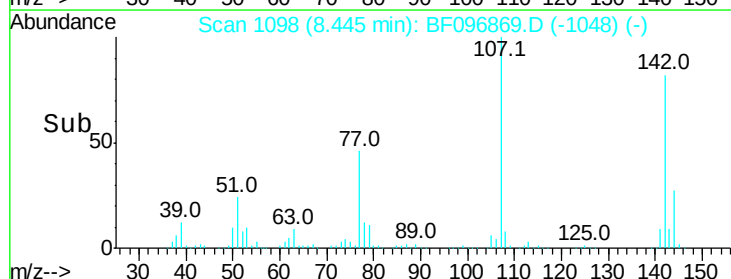
142 81.5 73.4 110.0

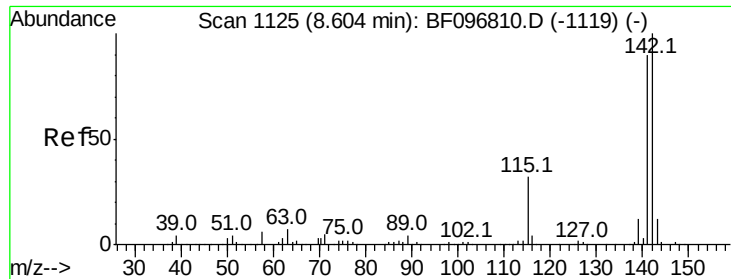


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

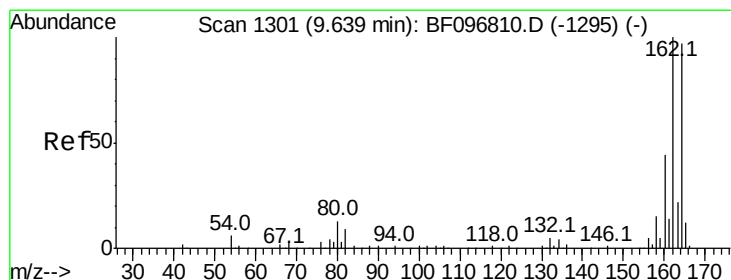
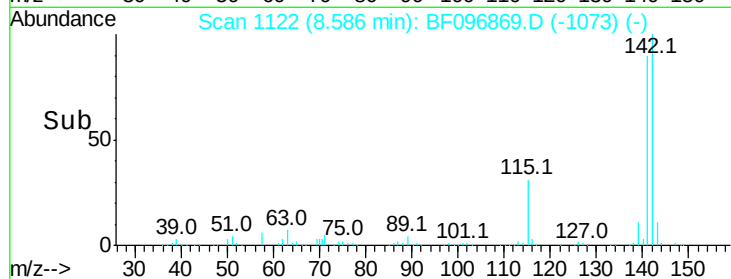
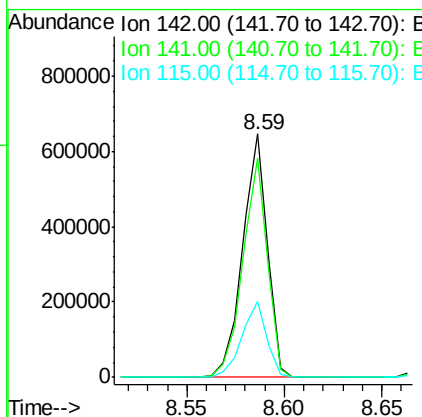
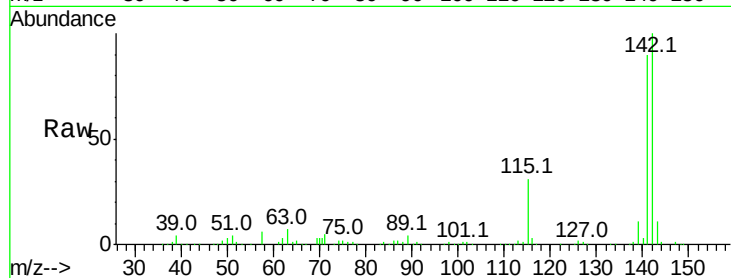




#37
 2-Methylnaphthalene
 Concen: 43.764 ng
 RT: 8.59 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

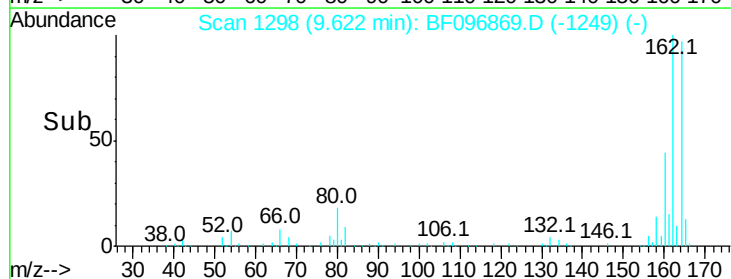
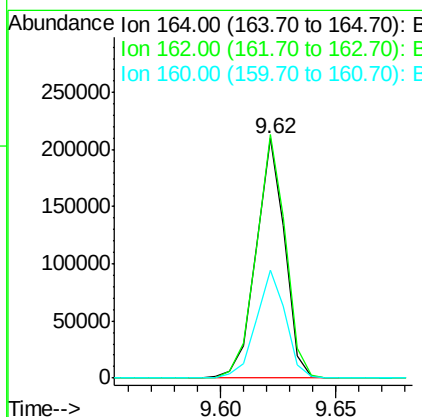
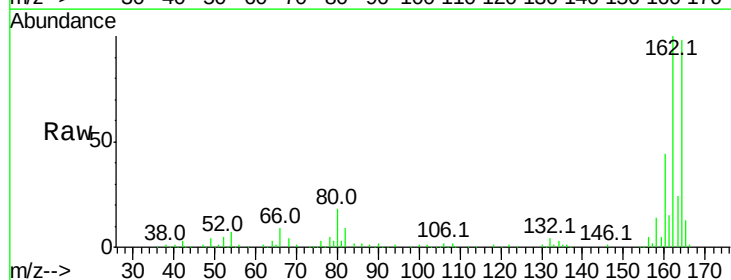
Instrument :
 BNA_F
 ClientSampleId :

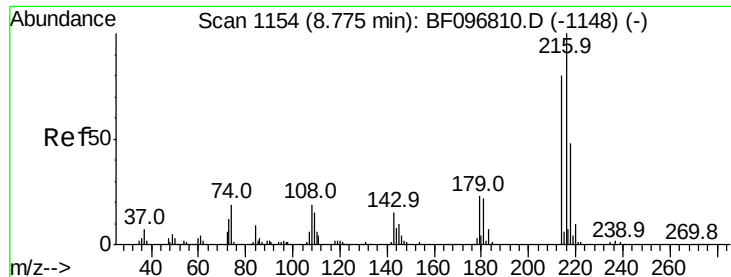
Tot Ion:142 Resp: 565730
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.3 106.9
 115 31.3 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Tgt Ion:164 Resp: 180969
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 45.0 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.468 ng

RT: 8.76 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 197970

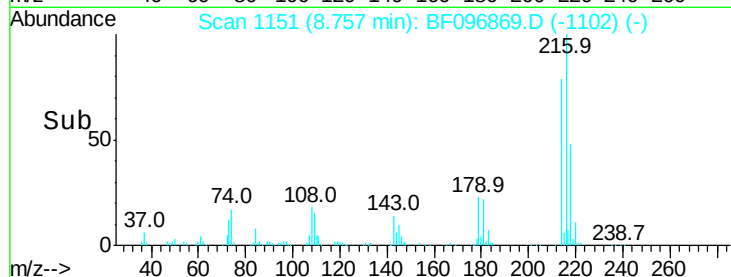
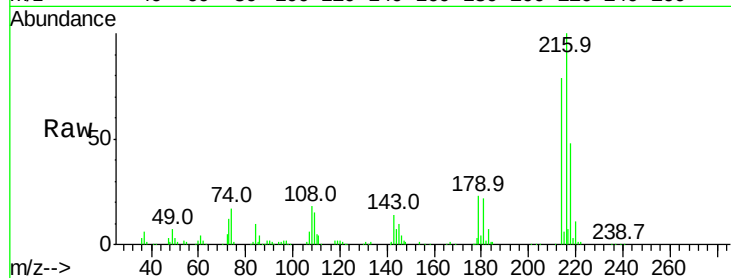
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 23.7 17.9 26.9

108 20.7 16.5 24.7

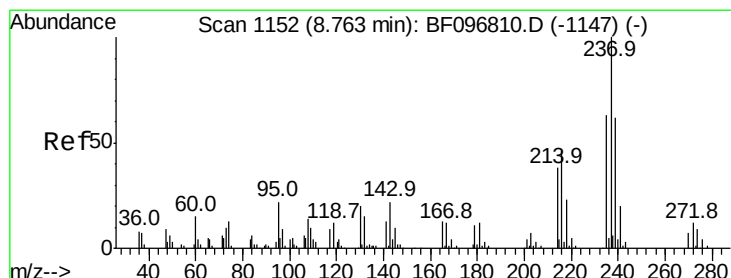
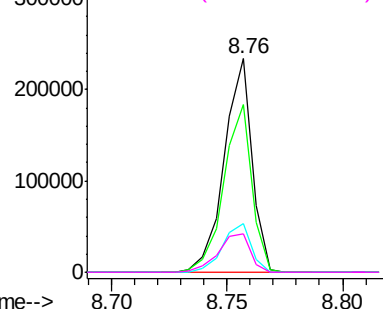


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.002 ng

RT: 8.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

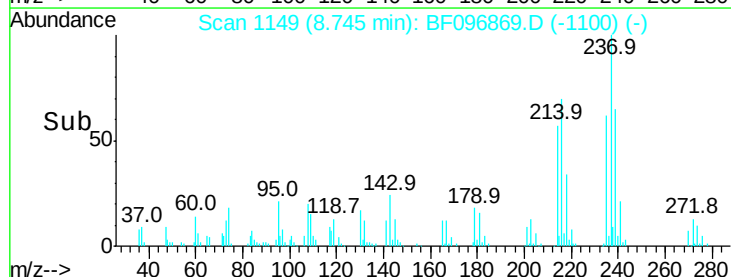
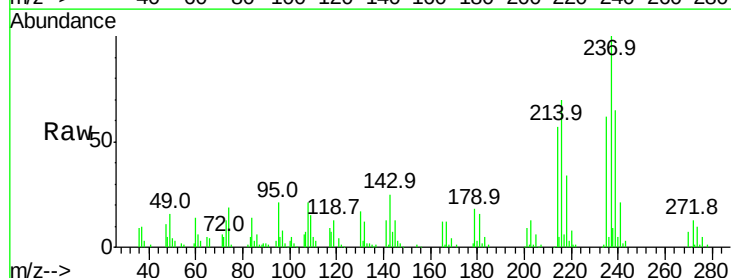
Tgt Ion:237 Resp: 70673

Ion Ratio Lower Upper

237 100

235 61.8 42.6 82.6

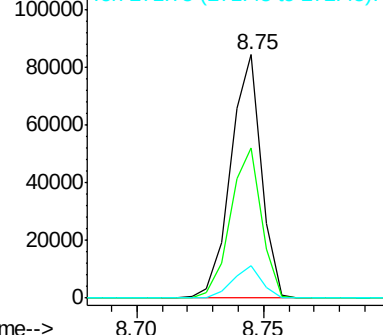
272 13.2 0.0 31.9

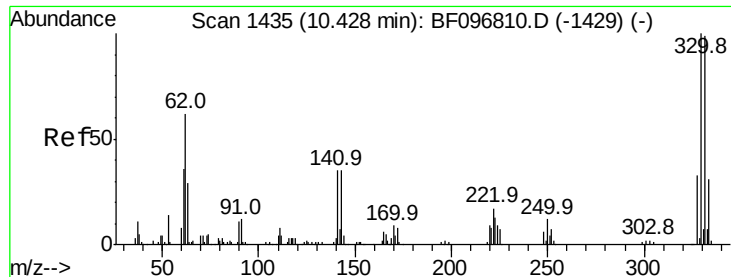


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

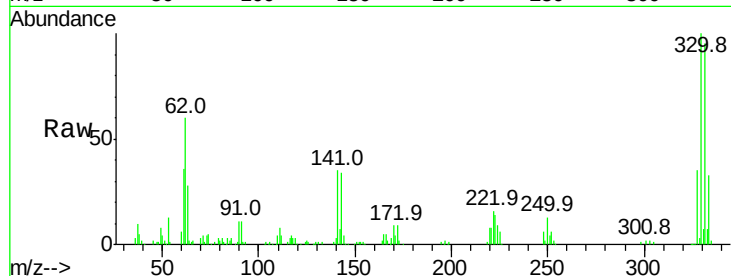




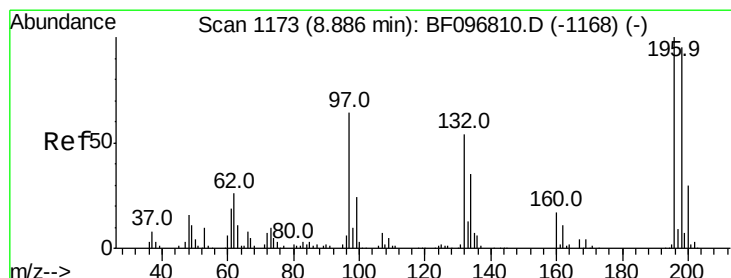
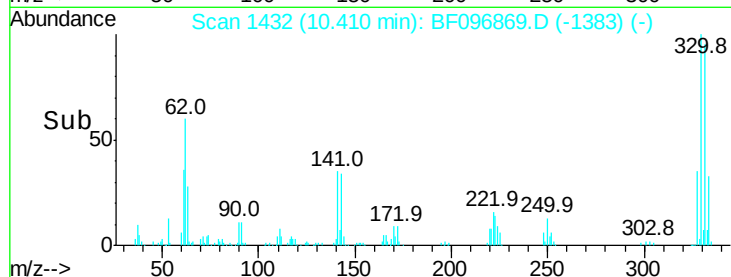
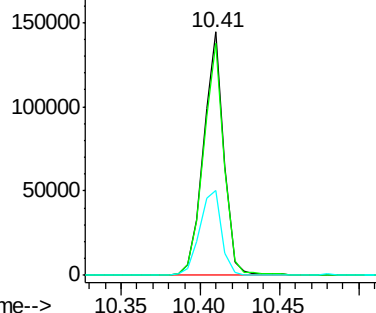
#41
 2,4,6-Tribromophenol
 Concen: 82.997 ng
 RT: 10.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	37.8	31.4	47.2

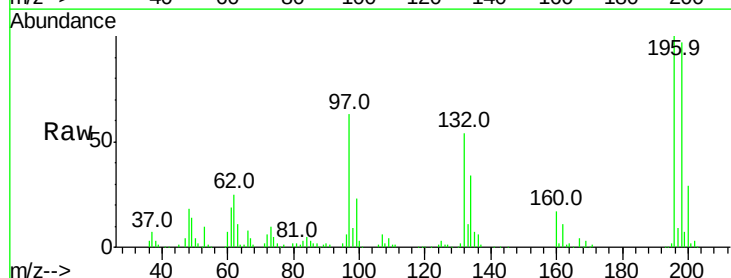


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

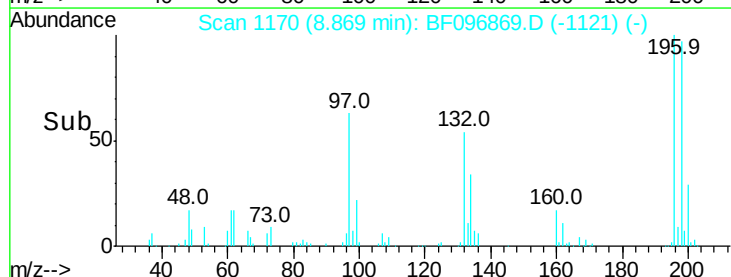
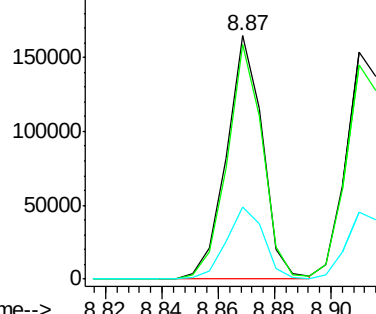


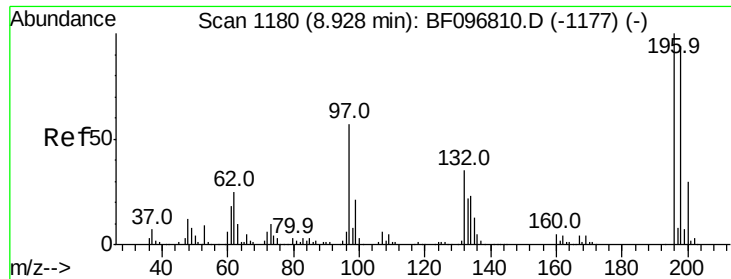
#42
 2,4,6-Trichlorophenol
 Concen: 40.412 ng
 RT: 8.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.2	111.4
200	29.4	24.0	36.0



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

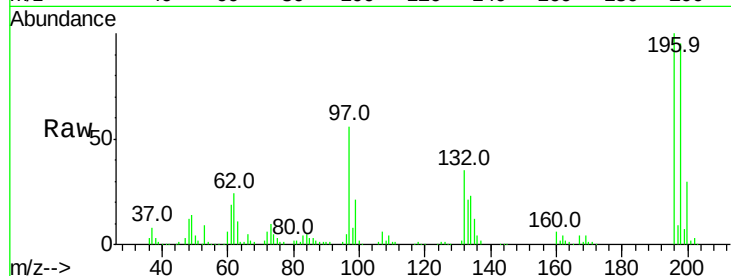




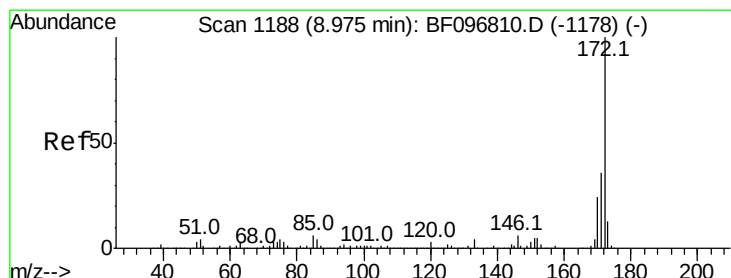
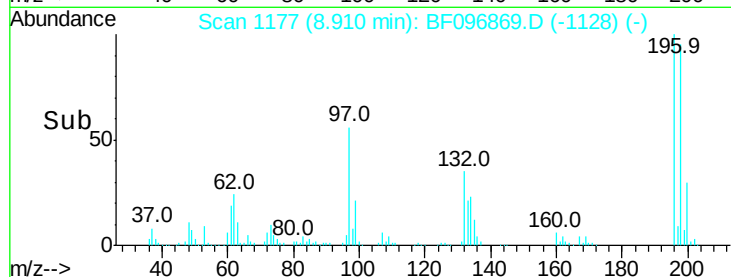
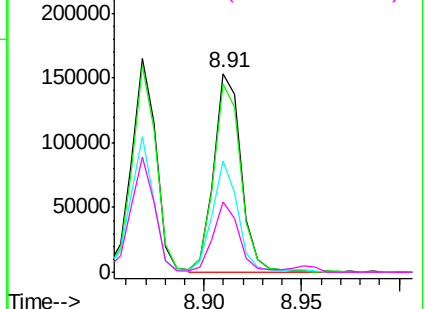
#43
 2,4,5-Trichlorophenol
 Concen: 40.992 ng
 RT: 8.91 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 149181
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 97 56.1 47.7 71.5
 132 35.1 28.0 42.0

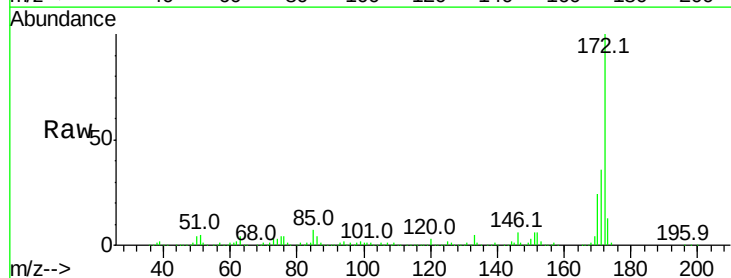


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

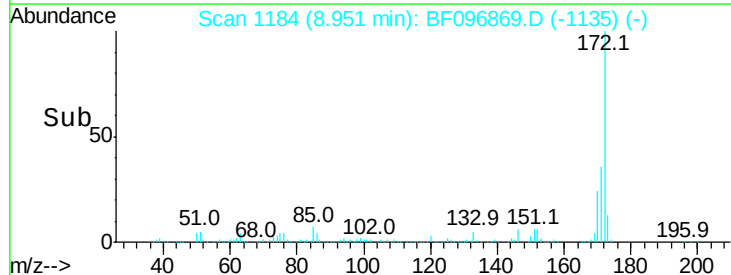
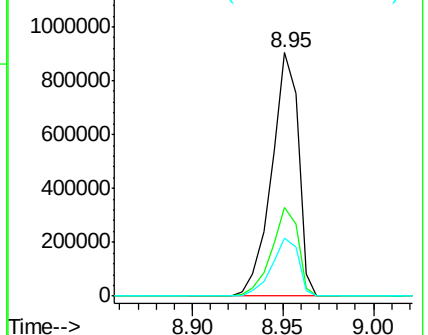


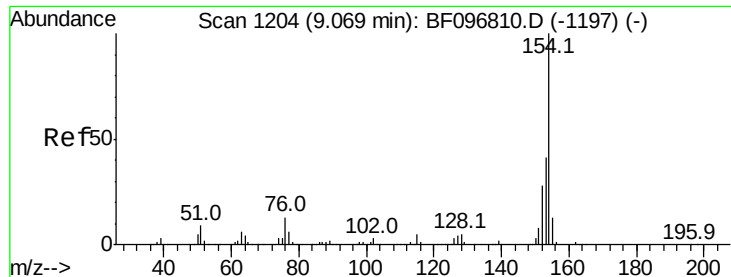
#44
 2-Fluorobiphenyl
 Concen: 80.836 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Tgt Ion:172 Resp: 925922
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.0 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: 41.372 ng

RT: 9.05 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampled :

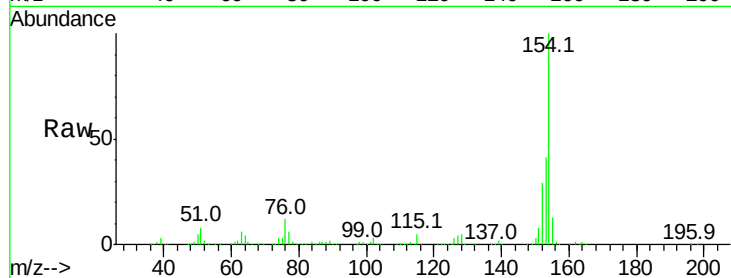
Tot Ion:154 Resp: 642124

Ion Ratio Lower Upper

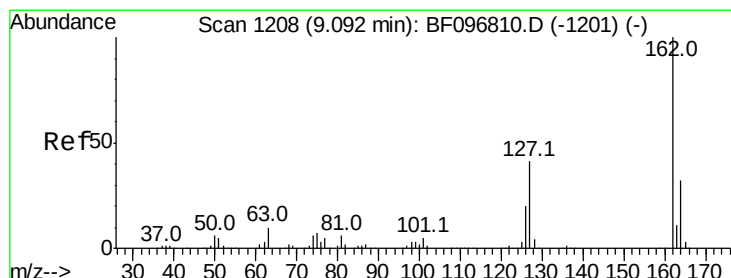
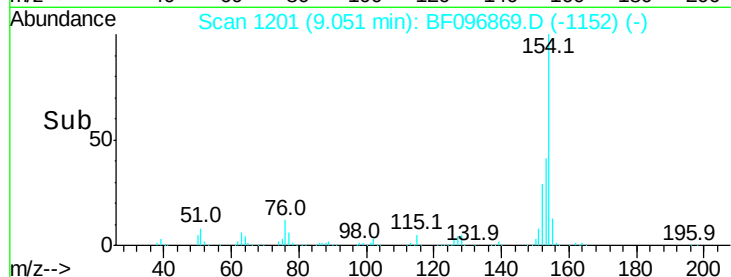
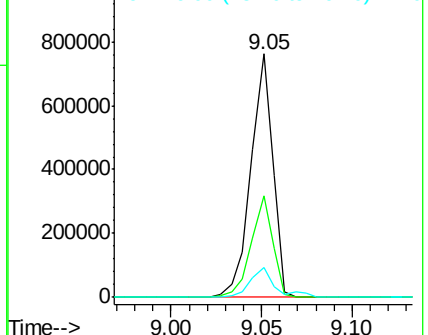
154 100

153 41.4 21.2 61.2

76 12.5 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 42.024 ng

RT: 9.07 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

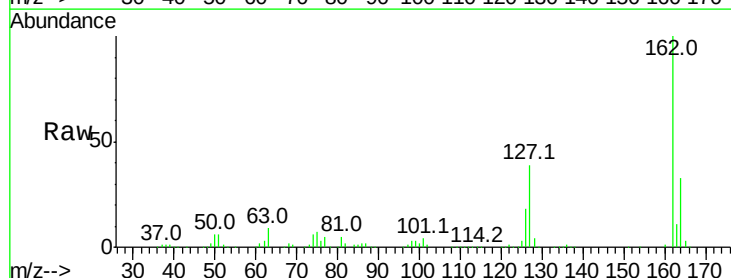
Tgt Ion:162 Resp: 480275

Ion Ratio Lower Upper

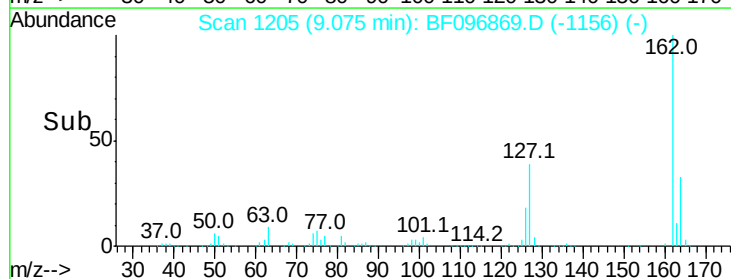
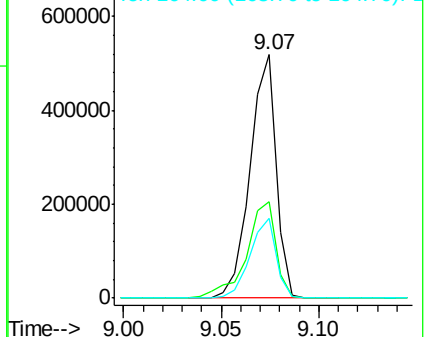
162 100

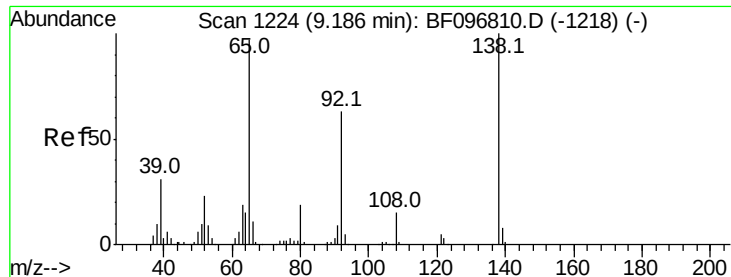
127 39.5 28.3 42.5

164 32.9 27.0 40.4



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





#47

2-Nitroaniline

Concen: 46.570 ng

RT: 9.17 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

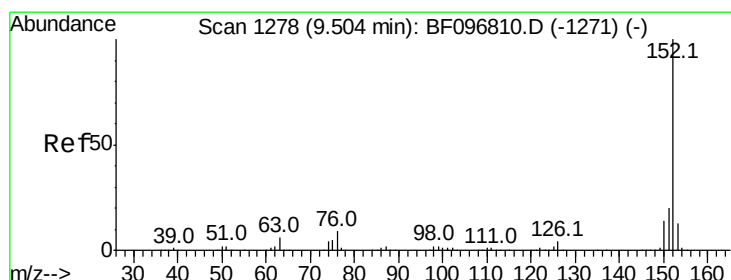
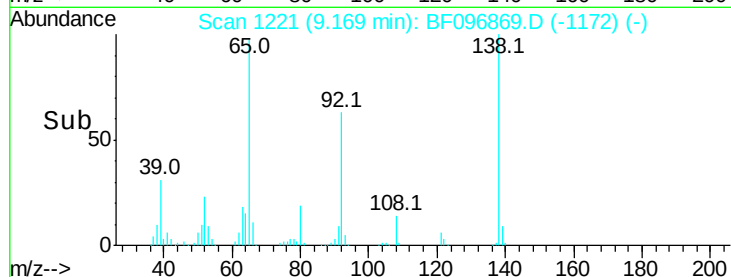
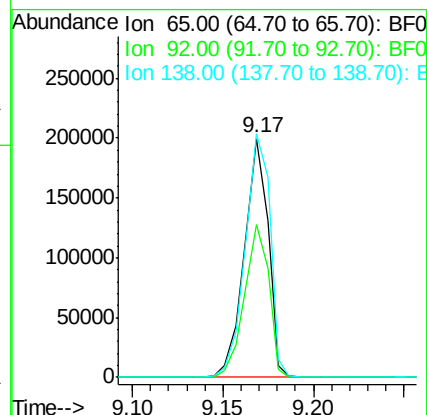
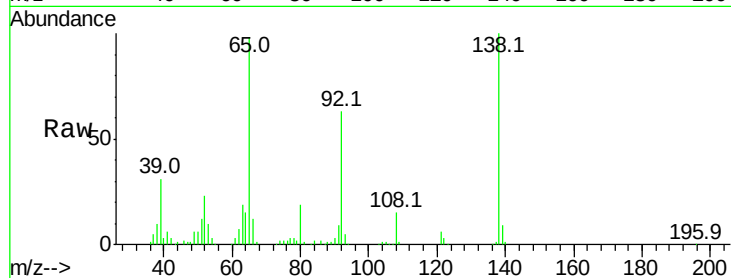
Tot Ion: 65 Resp: 182948

Ion Ratio Lower Upper

65 100

92 63.8 53.9 80.9

138 101.9 78.8 118.2



#48

Acenaphthylene

Concen: 41.279 ng

RT: 9.49 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

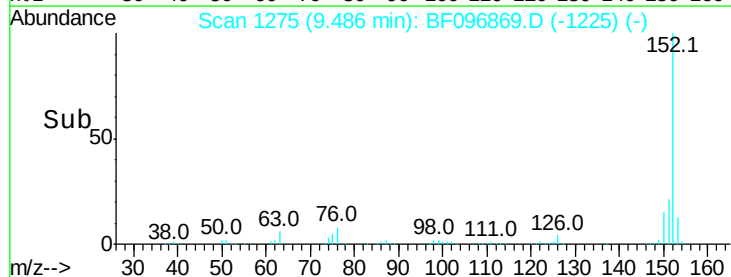
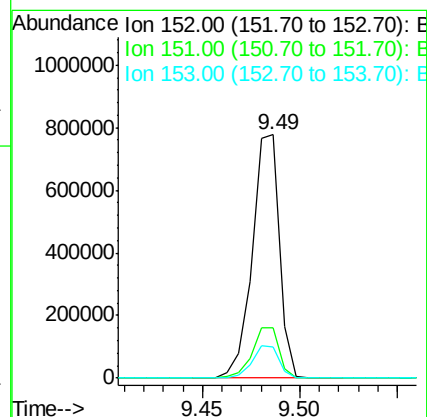
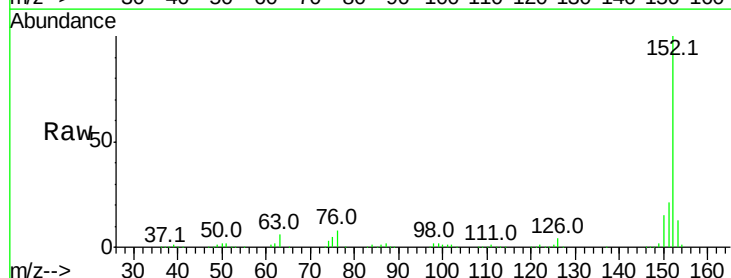
Tgt Ion: 152 Resp: 751676

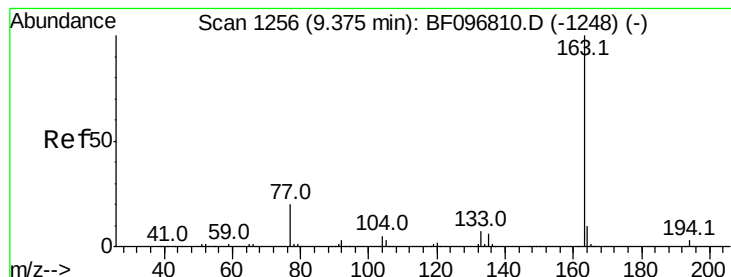
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 44.630 ng

RT: 9.36 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

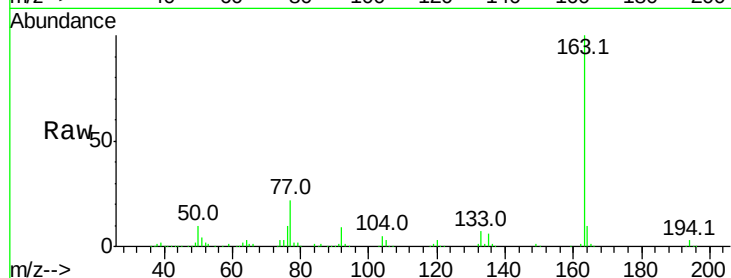
Tot Ion:163 Resp: 608141

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

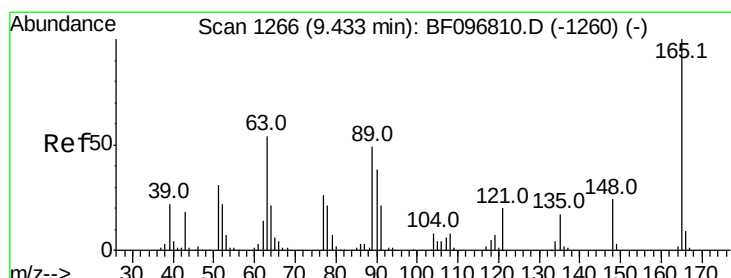
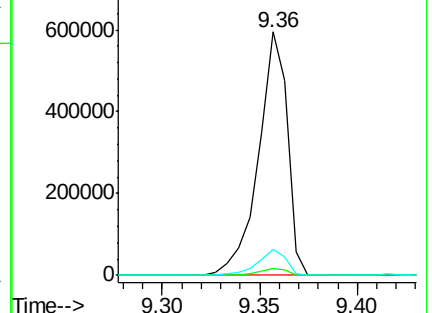
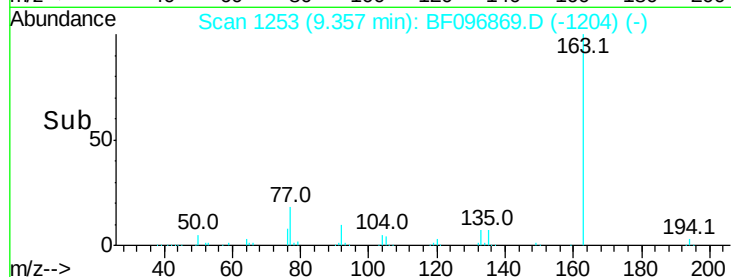
164 10.4 8.4 12.6



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: 46.082 ng

RT: 9.42 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

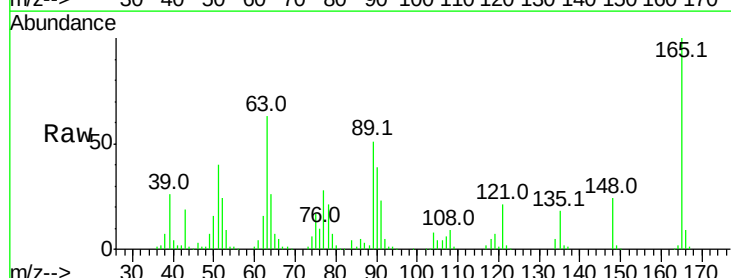
Tgt Ion:165 Resp: 136011

Ion Ratio Lower Upper

165 100

63 63.3 34.3 51.5#

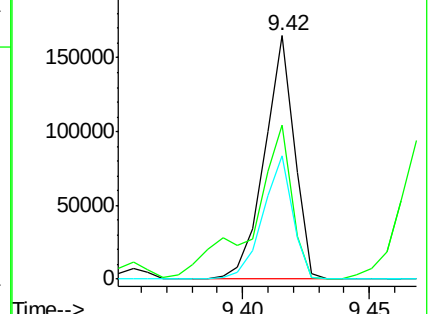
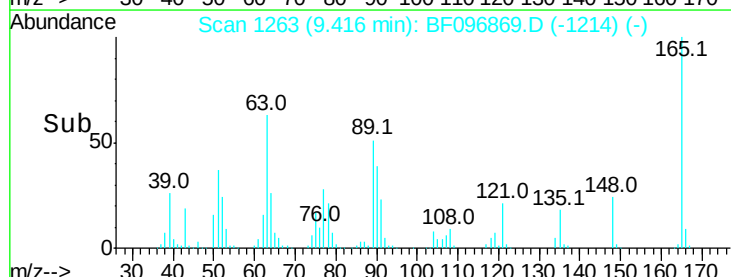
89 50.8 37.1 55.7

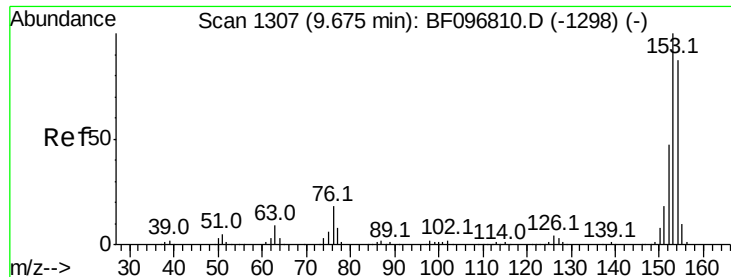


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.001 ng

RT: 9.66 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

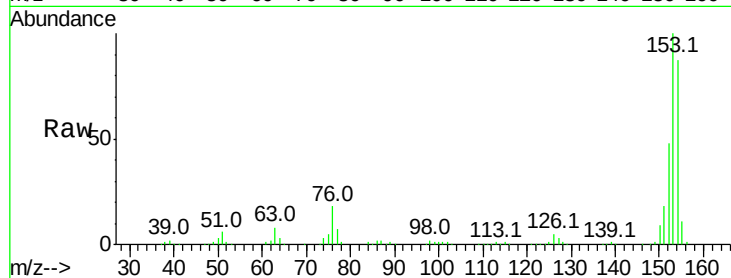
Tot Ion:154 Resp: 419536

Ion Ratio Lower Upper

154 100

153 114.6 90.5 135.7

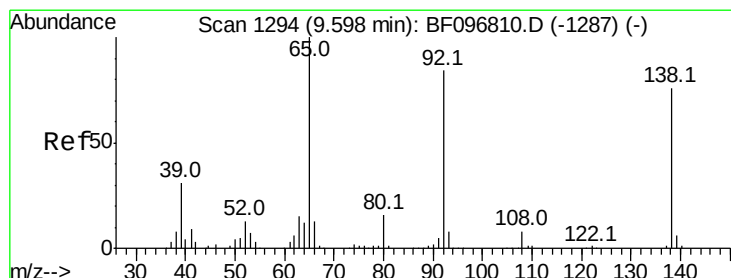
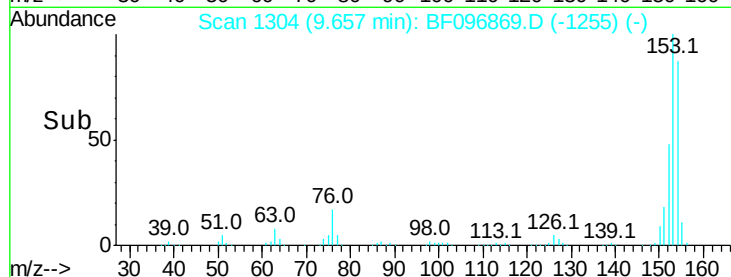
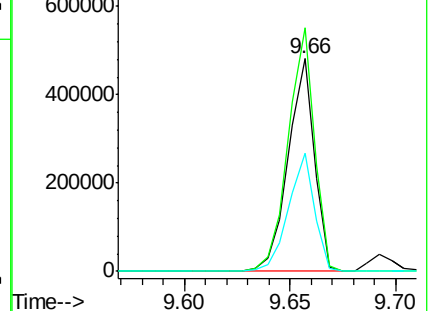
152 55.3 43.6 65.4



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: 40.952 ng

RT: 9.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

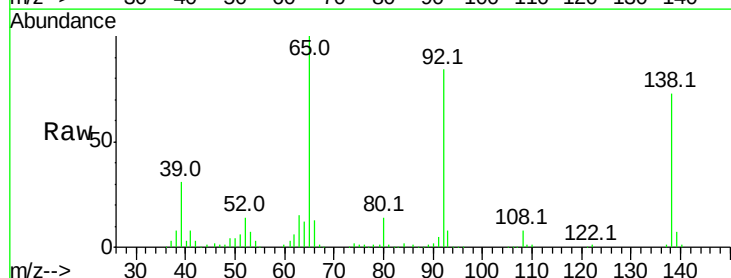
Tgt Ion:138 Resp: 143186

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

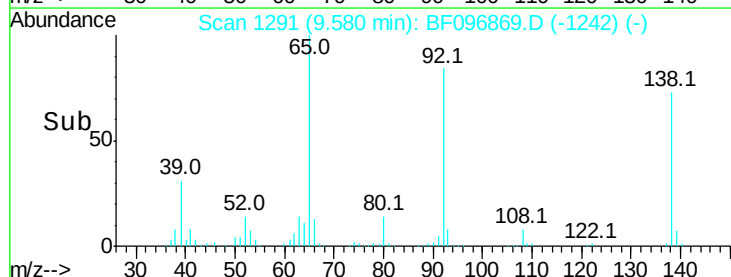
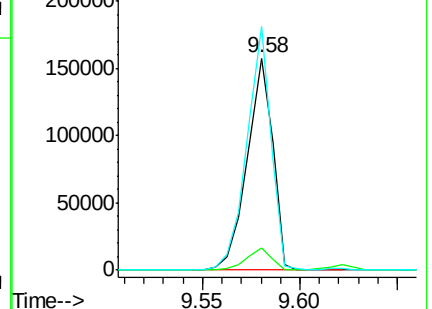
92 114.8 93.8 140.6

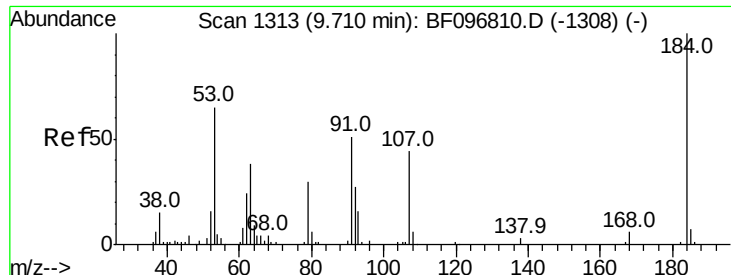


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

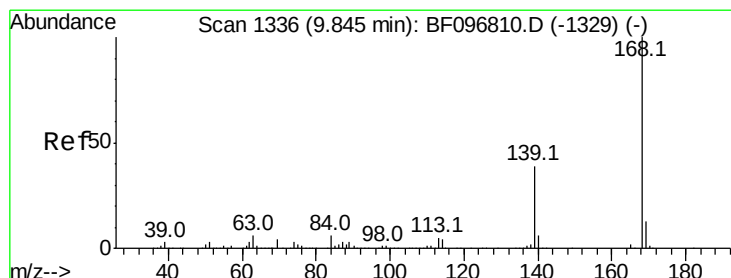
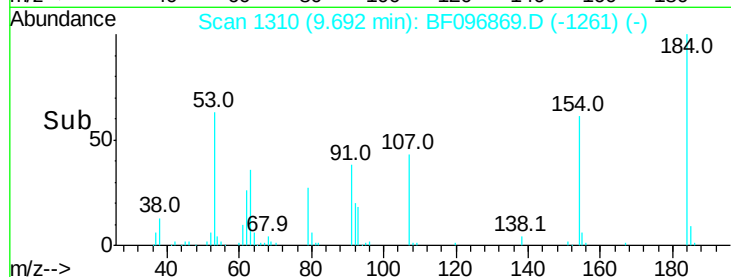
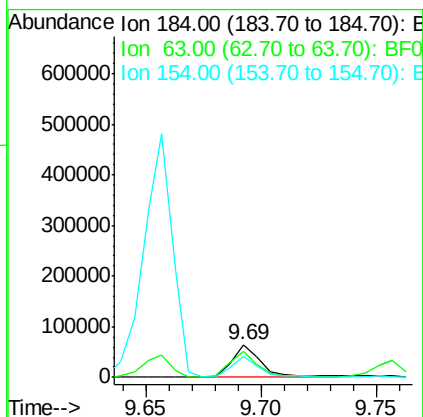
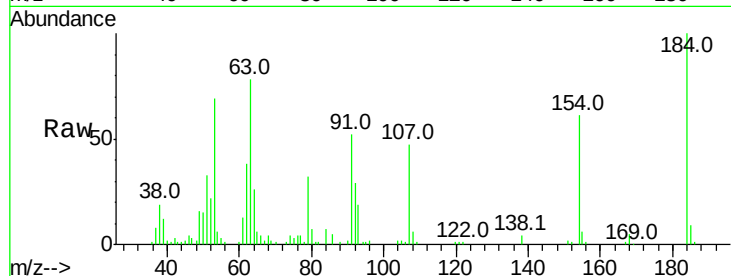




#53
 2,4-Dinitrophenol
 Concen: 43.251 ng
 RT: 9.69 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

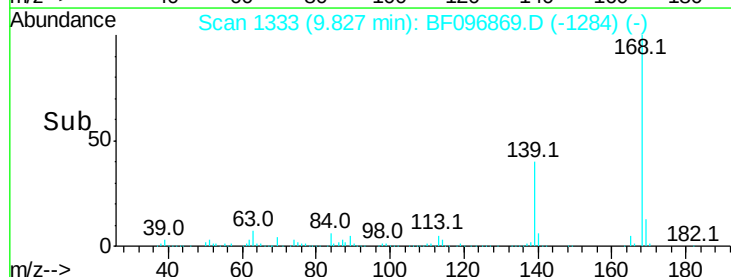
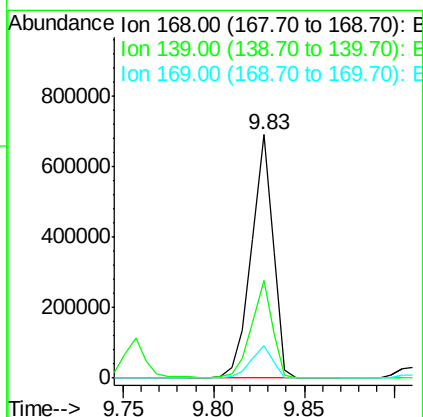
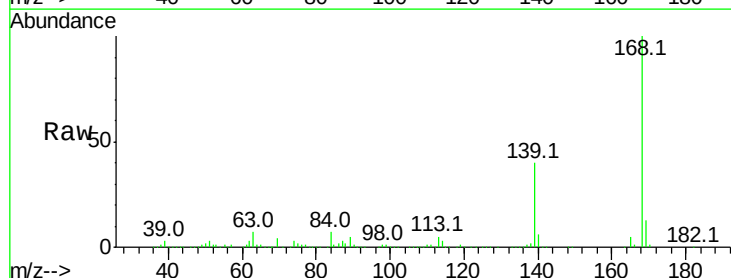
Instrument :
 BNA_F
 ClientSampleId :

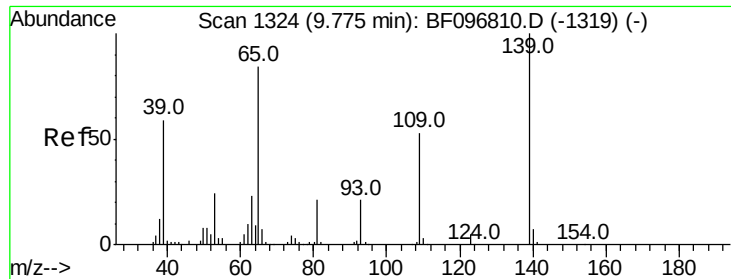
Tot Ion:184 Resp: 58266
 Ion Ratio Lower Upper
 184 100
 63 77.8 62.7 94.1
 154 61.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.490 ng
 RT: 9.83 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Tgt Ion:168 Resp: 580216
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.6 45.8
 169 13.4 10.8 16.2

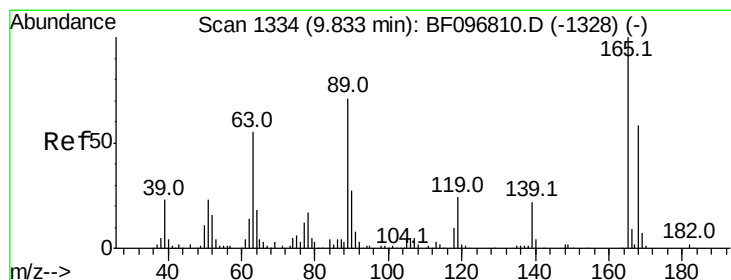
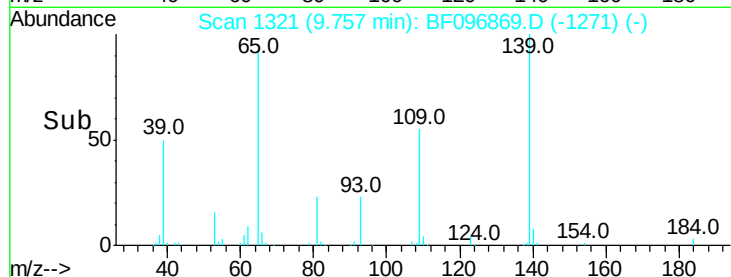
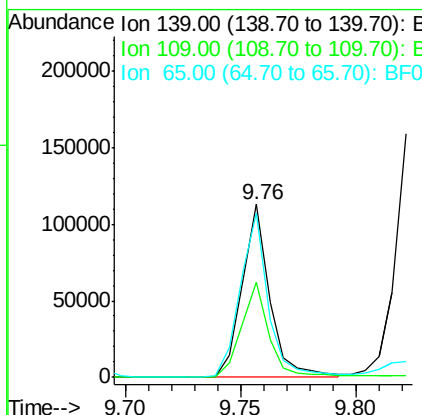
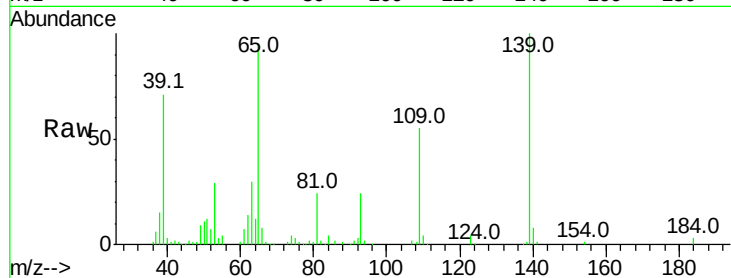




#55
4-Nitrophenol
Concen: 37.214 ng
RT: 9.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

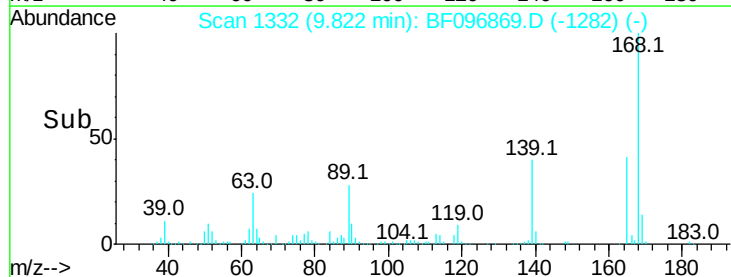
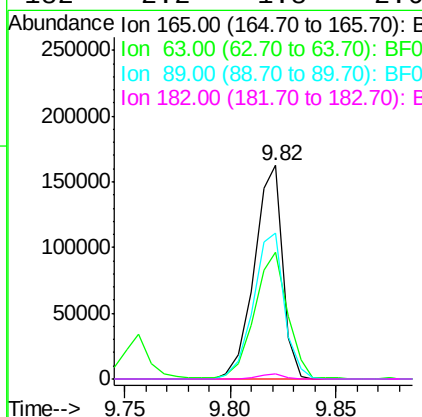
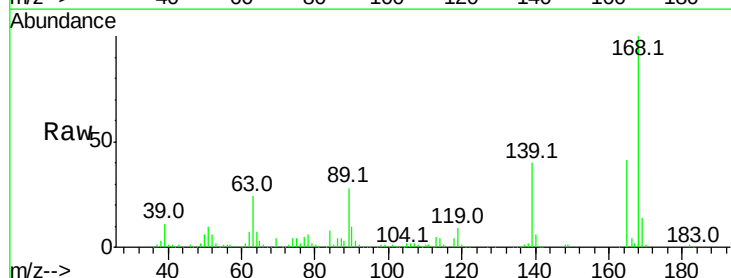
Instrument :
BNA_F
ClientSampleId :

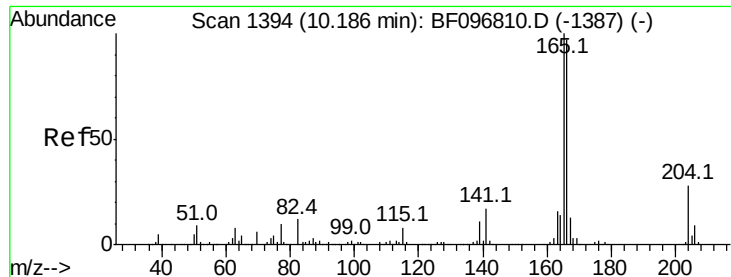
Tot Ion:139 Resp: 95061
Ion Ratio Lower Upper
139 100
109 55.5 34.1 74.1
65 95.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 40.032 ng
RT: 9.82 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion:165 Resp: 151827
Ion Ratio Lower Upper
165 100
63 59.5 25.4 38.0#
89 68.1 46.4 69.6
182 2.2 1.8 2.6





#57

Fluorene

Concen: 42.007 ng

RT: 10.17 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

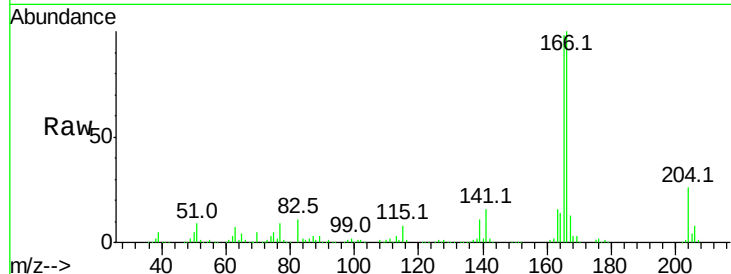
Tot Ion:166 Resp: 467931

Ion Ratio Lower Upper

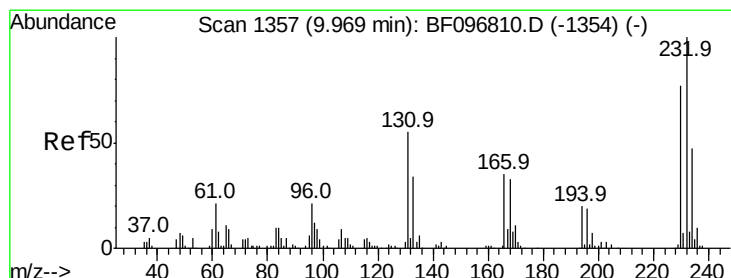
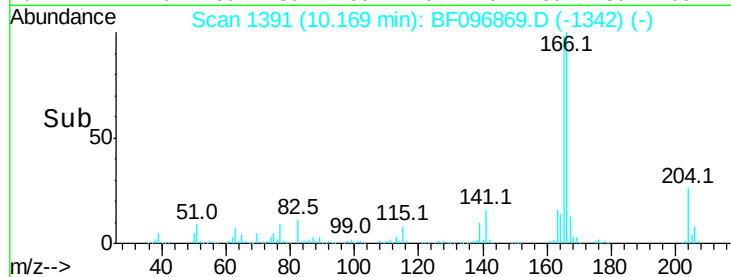
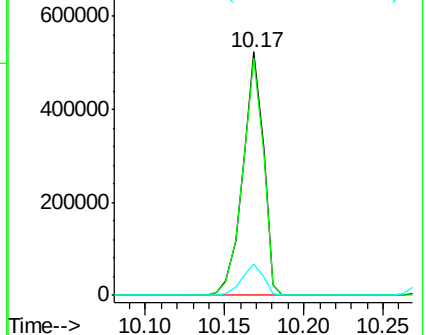
166 100

165 97.7 78.8 118.2

167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.862 ng

RT: 9.95 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Tgt Ion:232 Resp: 103135

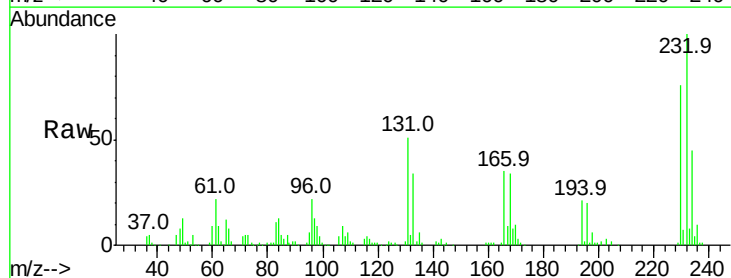
Ion Ratio Lower Upper

232 100

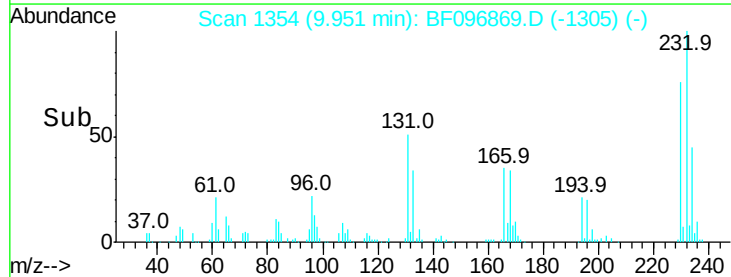
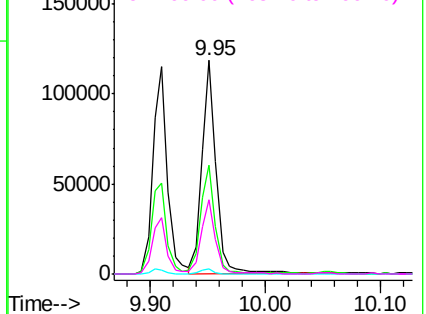
131 51.3 44.8 67.2

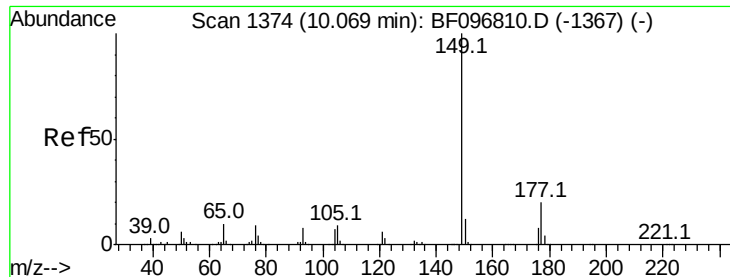
130 2.1 2.3 3.5#

166 35.6 29.0 43.4



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

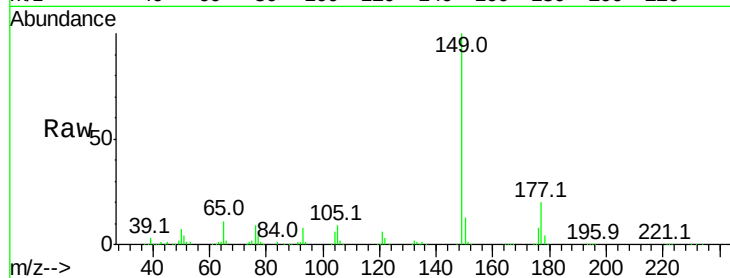




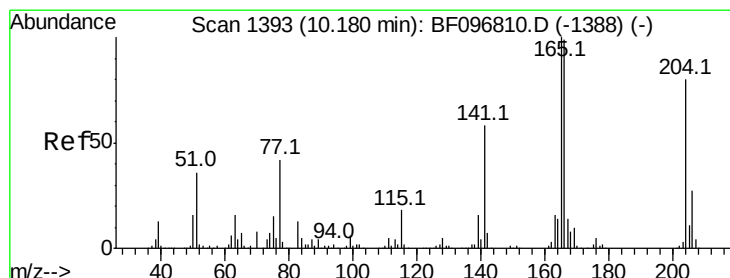
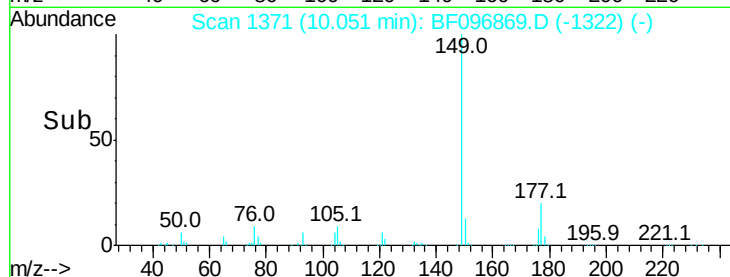
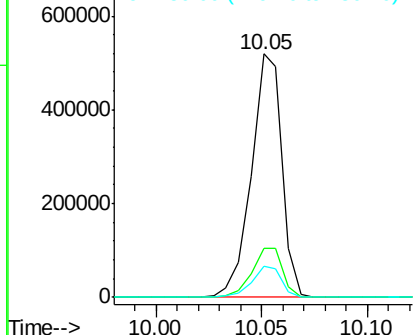
#59
Diethylphthalate
Concen: 39.410 ng
RT: 10.05 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 522779
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 13.0 10.2 15.2

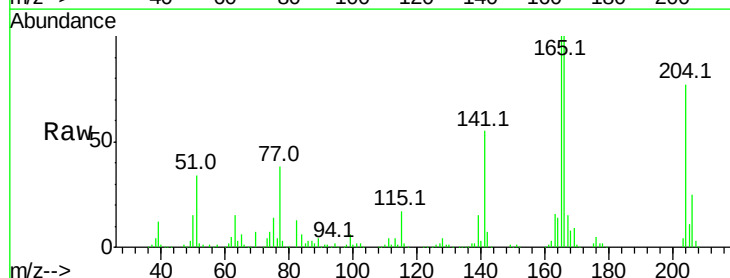


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

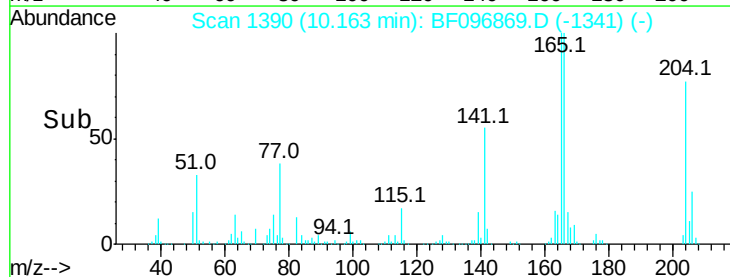
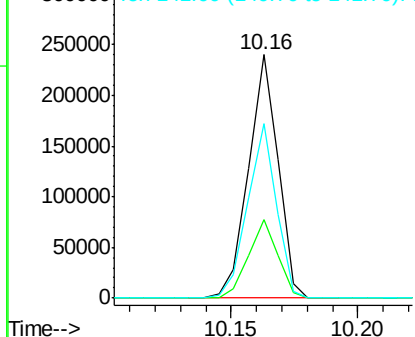


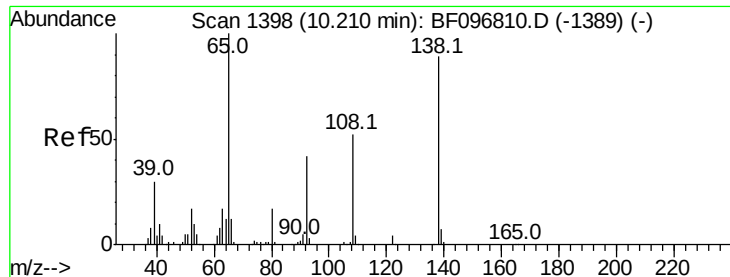
#60
4-Chlorophenyl-phenylether
Concen: 41.350 ng
RT: 10.16 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion:204 Resp: 194977
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 71.4 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

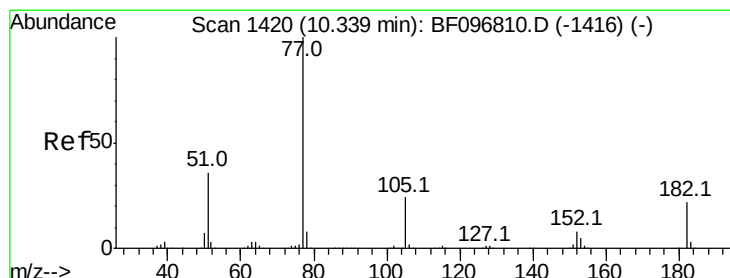
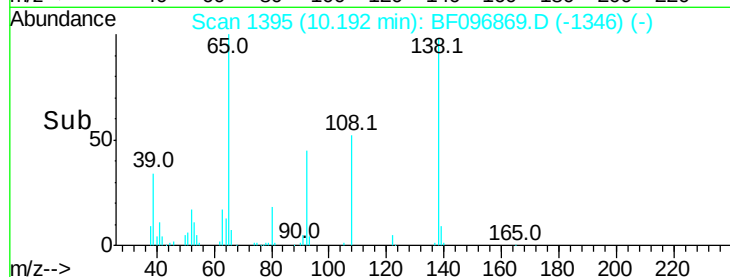
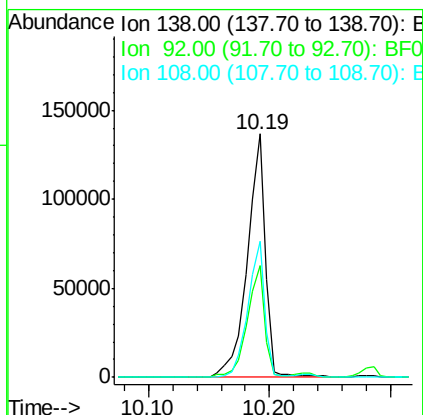
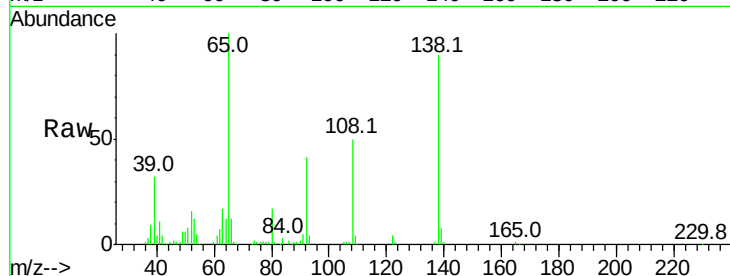




#61
4-Nitroaniline
Concen: 43.482 ng
RT: 10.19 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

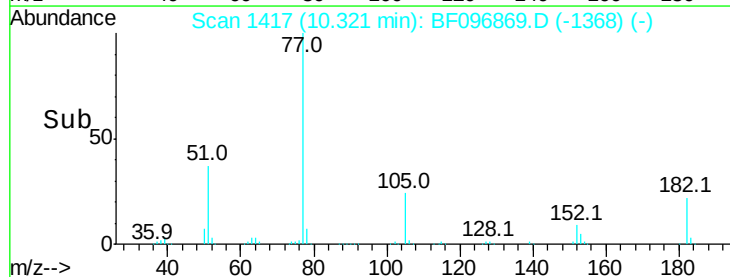
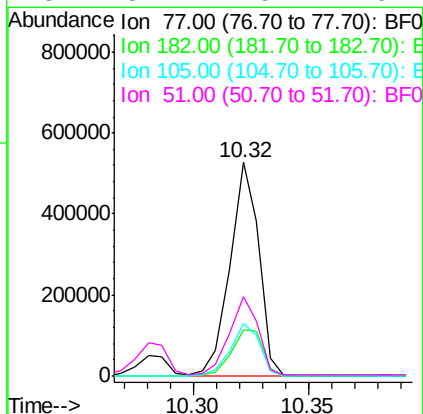
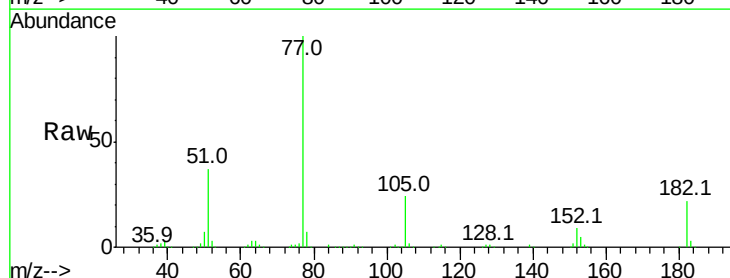
Instrument :
BNA_F
ClientSampled :

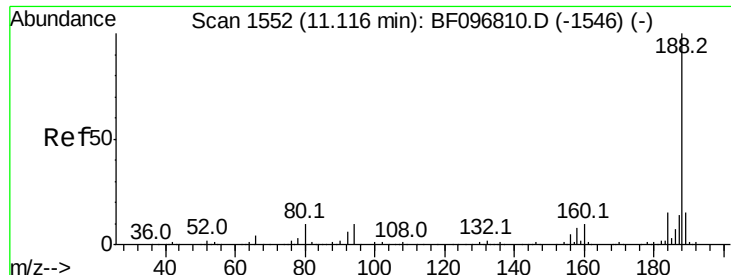
Tot Ion:138 Resp: 142766
Ion Ratio Lower Upper
138 100
92 45.8 21.8 61.8
108 56.0 42.3 82.3



#62
Azobenzene
Concen: 39.138 ng
RT: 10.32 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion: 77 Resp: 458007
Ion Ratio Lower Upper
77 100
182 21.7 0.1 40.1
105 24.3 3.6 43.6
51 37.4 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

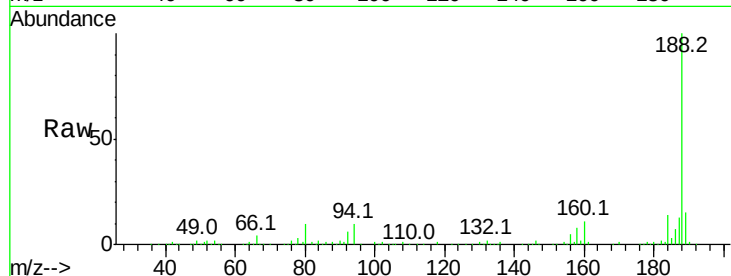
Tot Ion:188 Resp: 311770

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

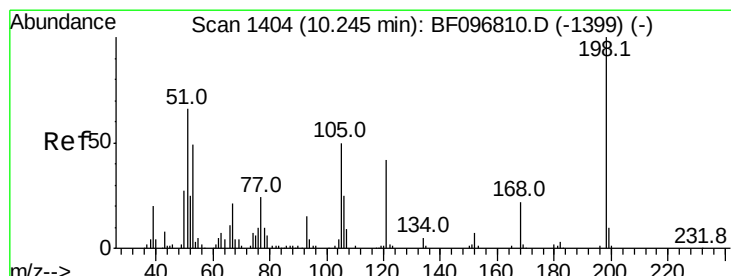
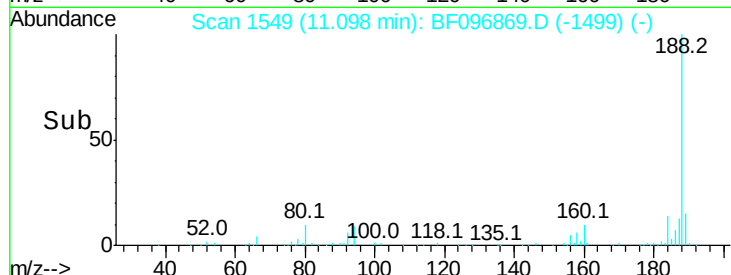
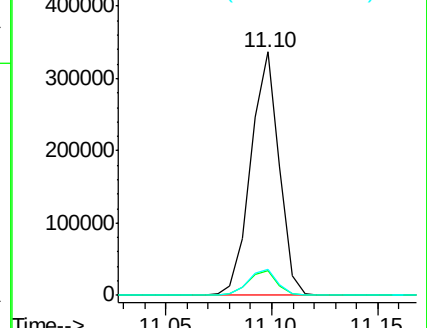
80 10.5 10.2 15.2



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: 44.016 ng

RT: 10.23 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

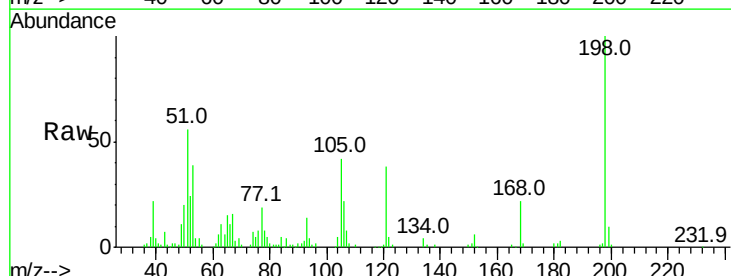
Tgt Ion:198 Resp: 86160

Ion Ratio Lower Upper

198 100

51 55.9 53.2 93.2

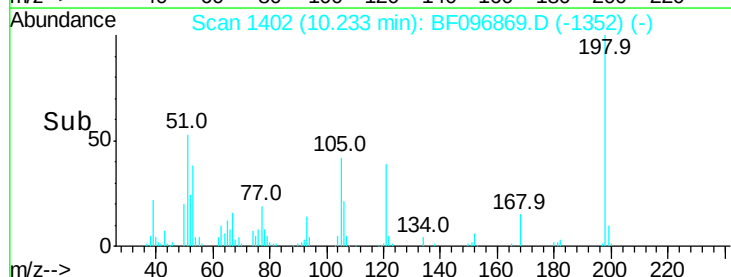
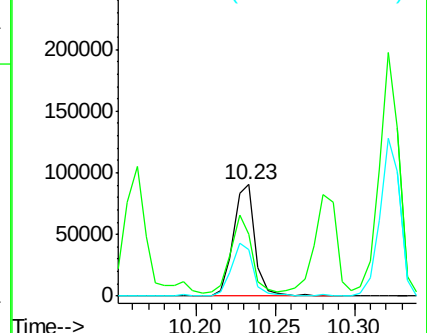
105 41.7 45.8 85.8#

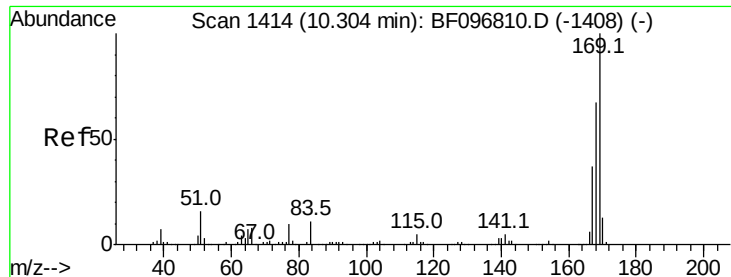


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.789 ng

RT: 10.29 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

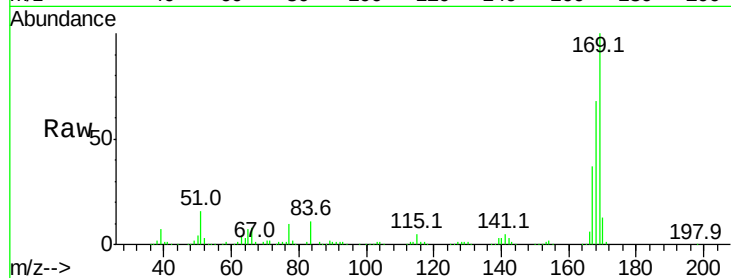
Tot Ion:169 Resp: 432288

Ion Ratio Lower Upper

169 100

168 68.2 53.2 79.8

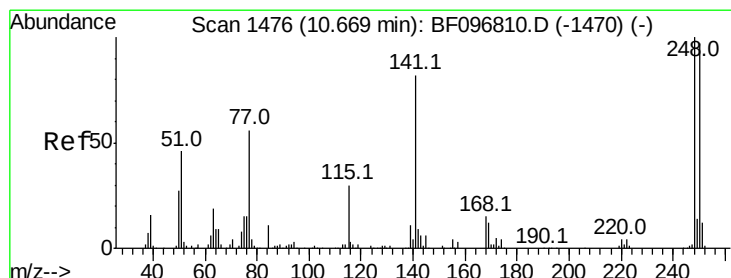
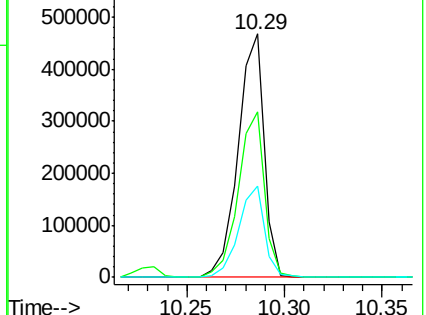
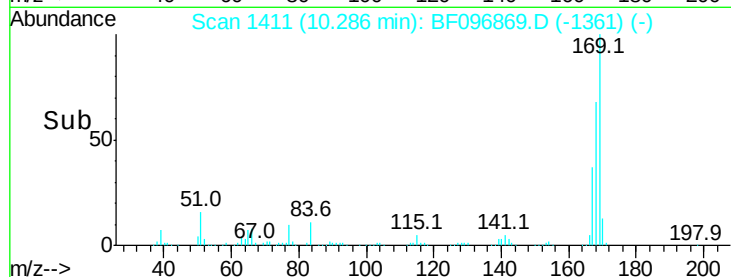
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.320 ng

RT: 10.65 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

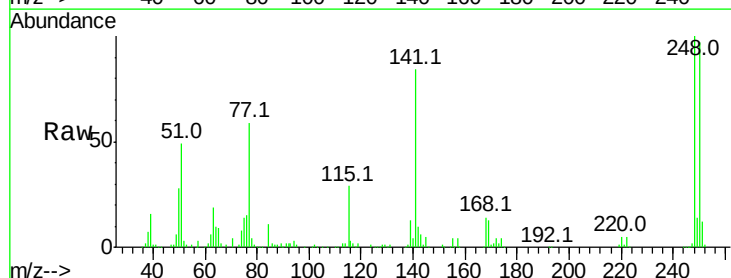
Tgt Ion:248 Resp: 125158

Ion Ratio Lower Upper

248 100

250 96.9 76.8 115.2

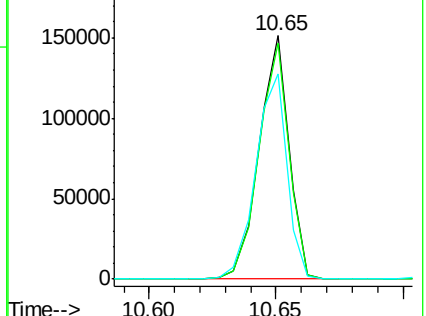
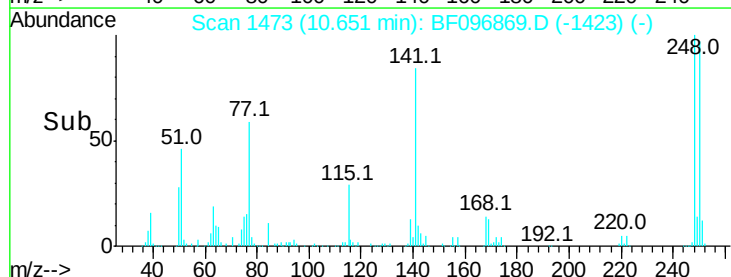
141 84.5 68.6 103.0

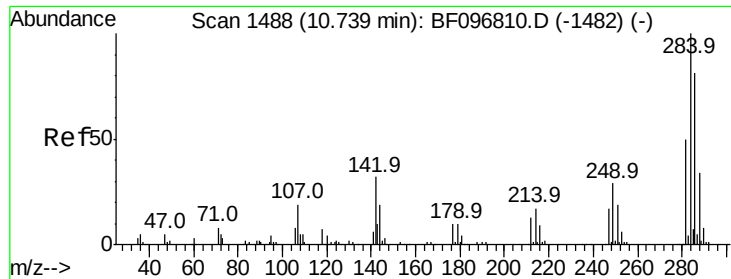


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

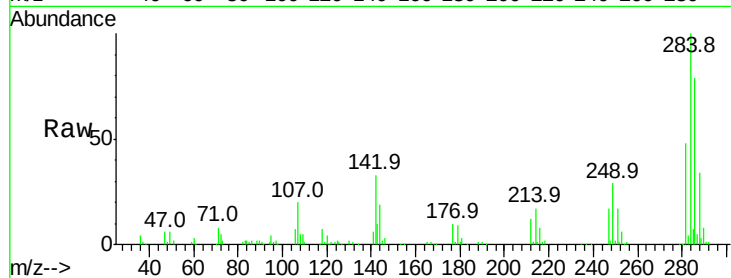




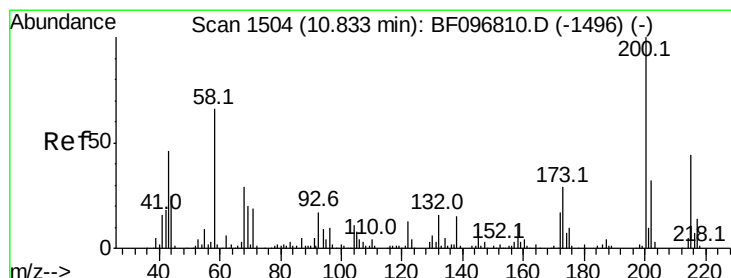
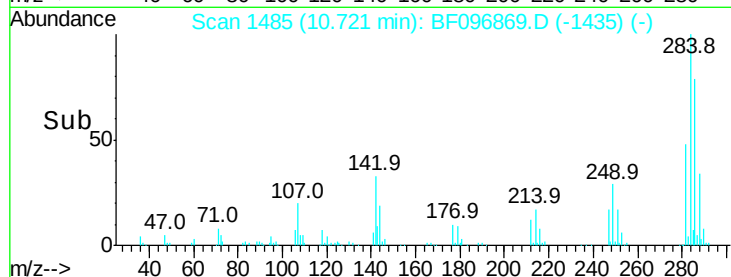
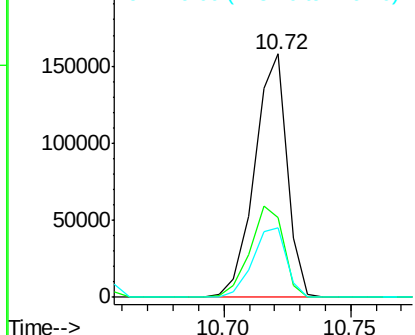
#67
Hexachlorobenzene
Concen: 39.820 ng
RT: 10.72 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 141169
Ion Ratio Lower Upper
284 100
142 32.8 22.8 34.2
249 28.6 24.0 36.0

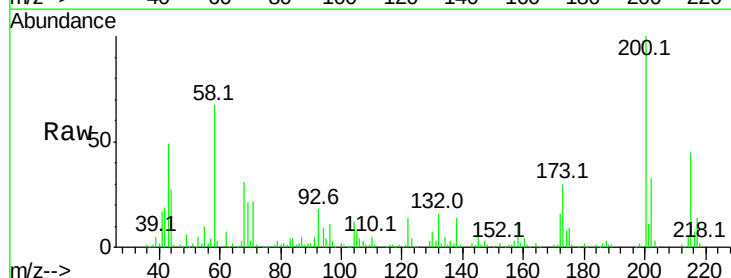


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

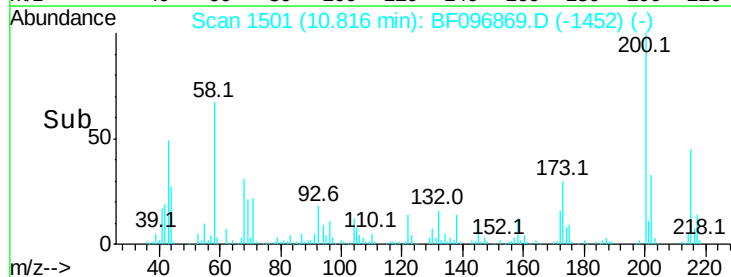
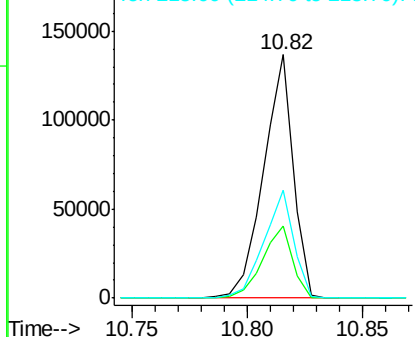


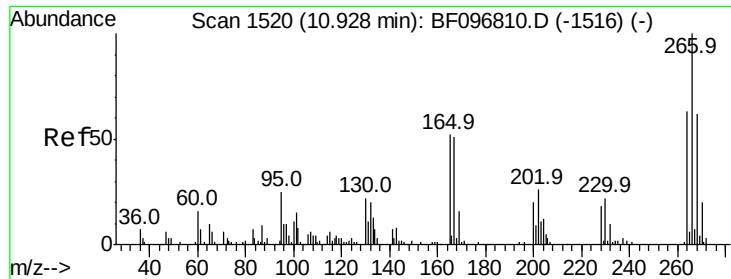
#68
Atrazine
Concen: 38.441 ng
RT: 10.82 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF096869.D
Acq: 19 Jul 2017 14:48

Tgt Ion:200 Resp: 122055
Ion Ratio Lower Upper
200 100
173 29.8 6.3 46.3
215 44.6 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

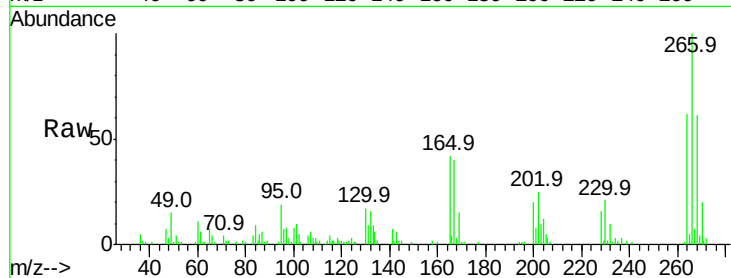




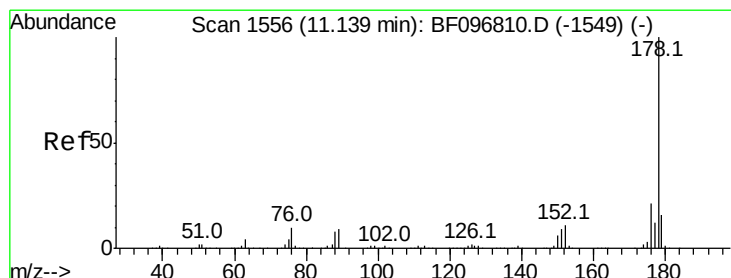
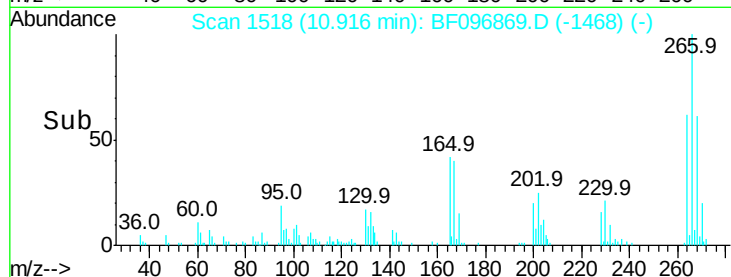
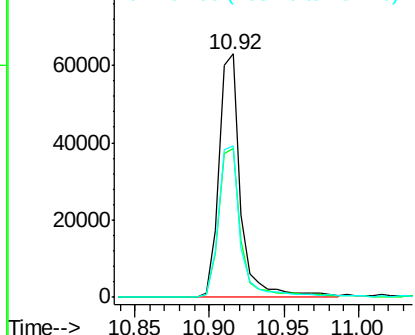
#69
 Pentachlorophenol
 Concen: 37.938 ng
 RT: 10.92 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 64975
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.1 76.7
 264 62.2 51.7 77.5

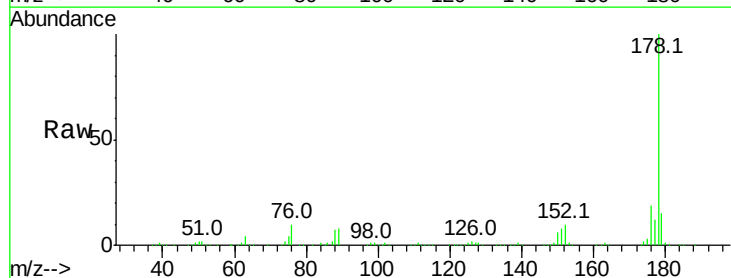


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

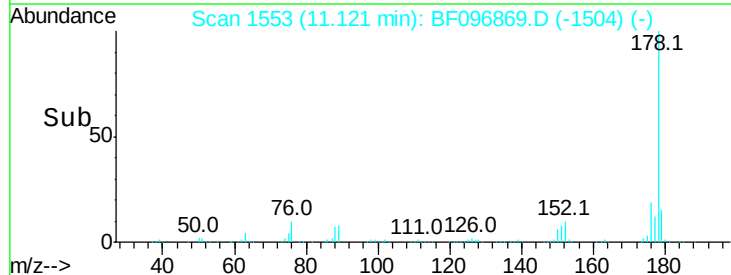
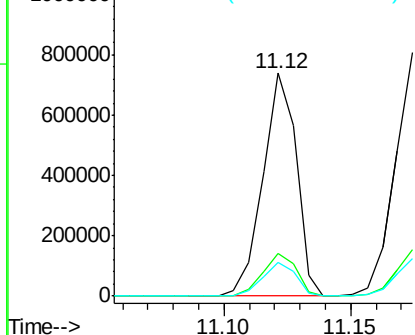


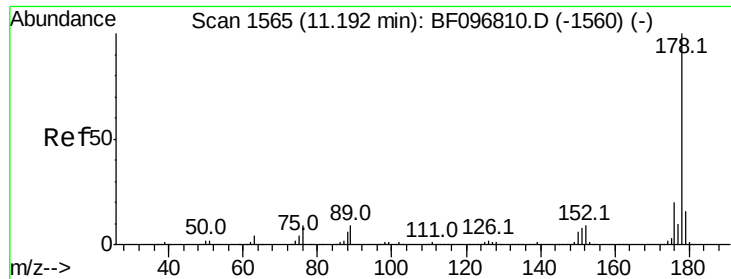
#70
 Phenanthrene
 Concen: 40.036 ng
 RT: 11.12 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Tgt Ion:178 Resp: 678694
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 14.9 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: 40.420 ng

RT: 11.17 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

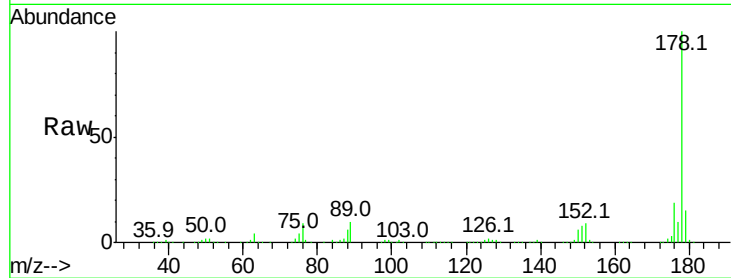
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 692780

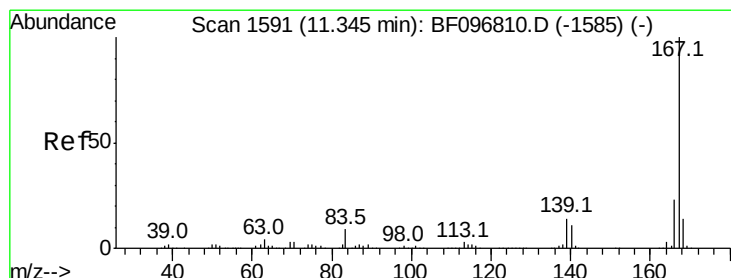
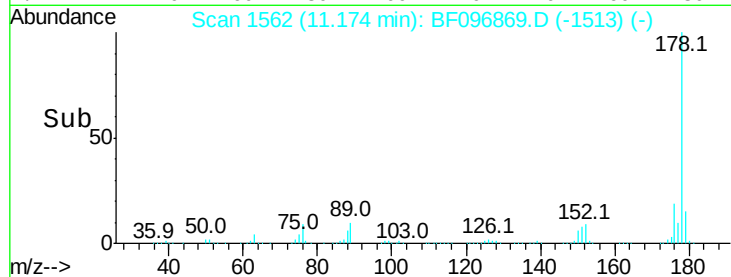
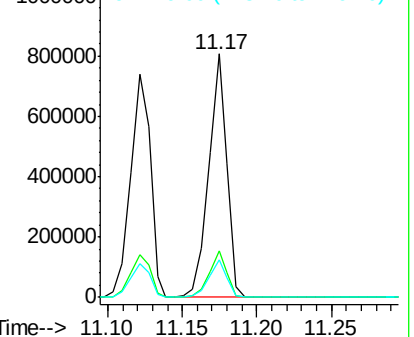
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.4	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.915 ng

RT: 11.33 min Scan# 1589

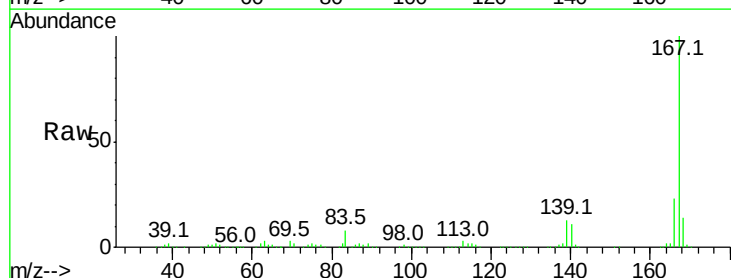
Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Tgt Ion:167 Resp: 679105

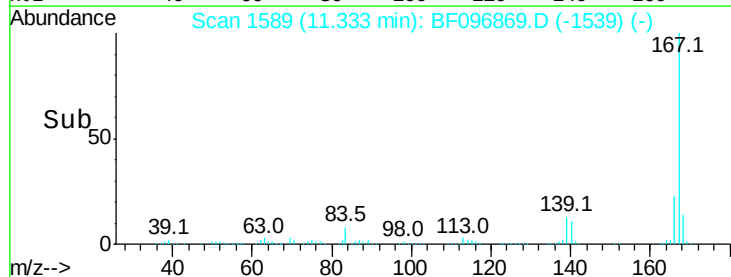
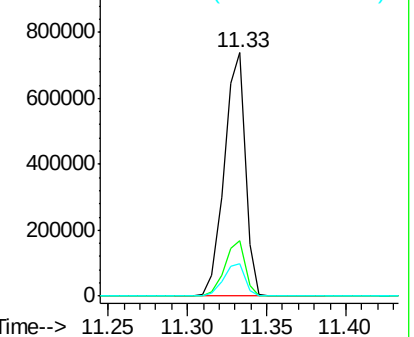
Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.1	27.1
139	13.2	11.7	17.5

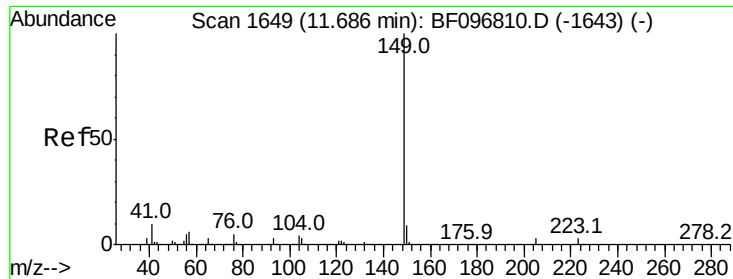


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.764 ng

RT: 11.67 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampled :

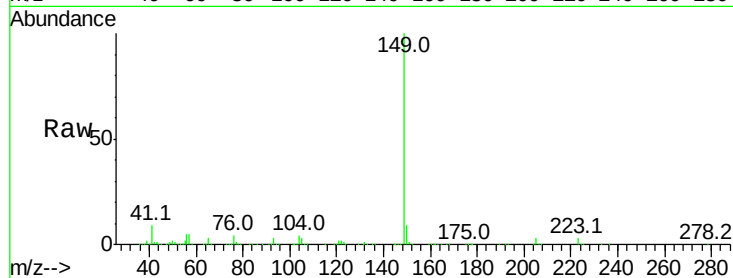
Tot Ion:149 Resp: 925317

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

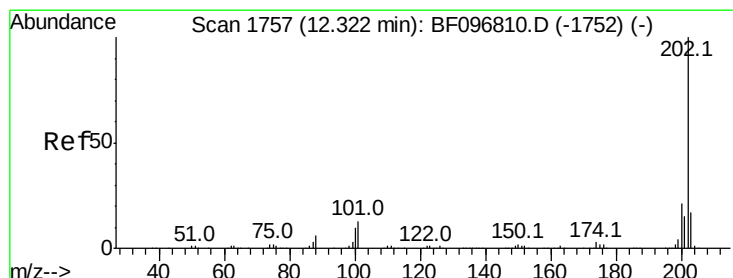
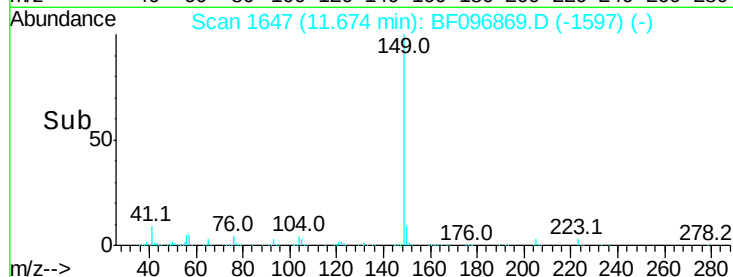
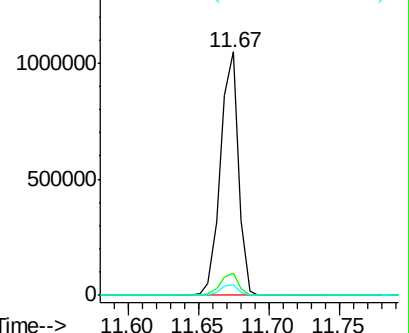
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.631 ng

RT: 12.30 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

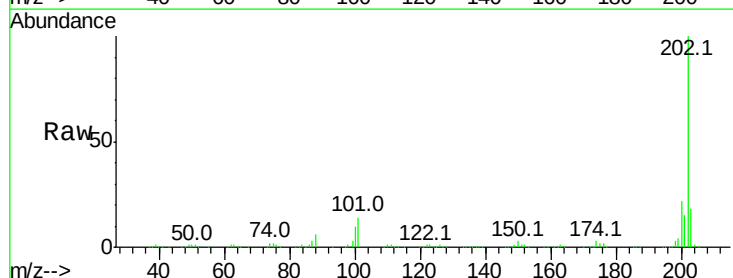
Tgt Ion:202 Resp: 740414

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

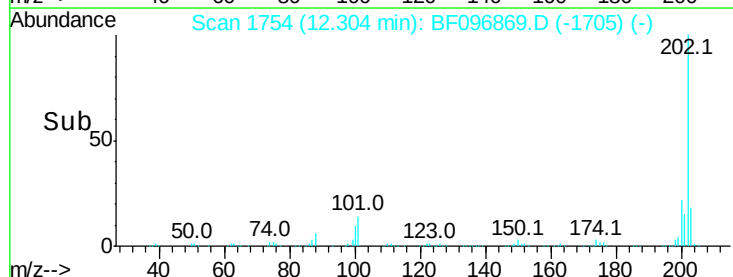
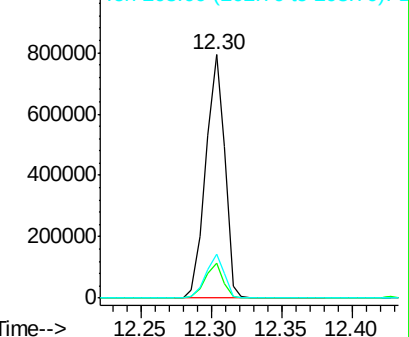
203 17.9 0.0 38.1

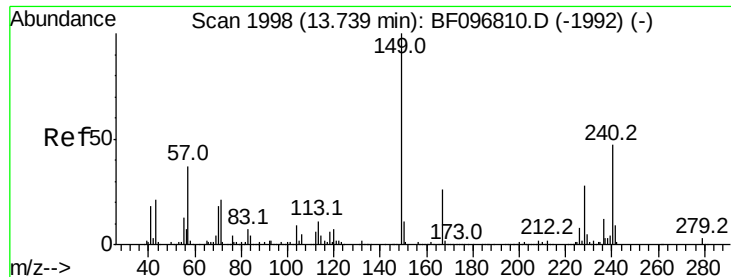


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampled :

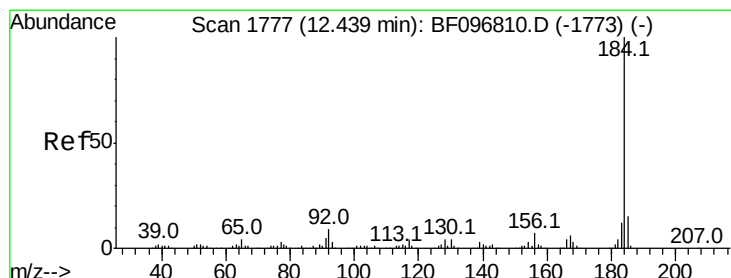
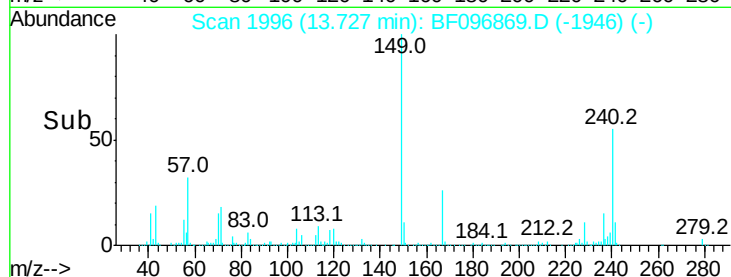
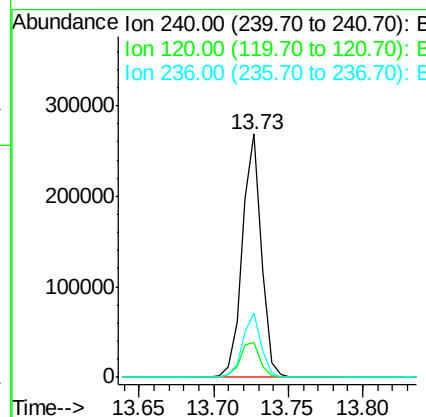
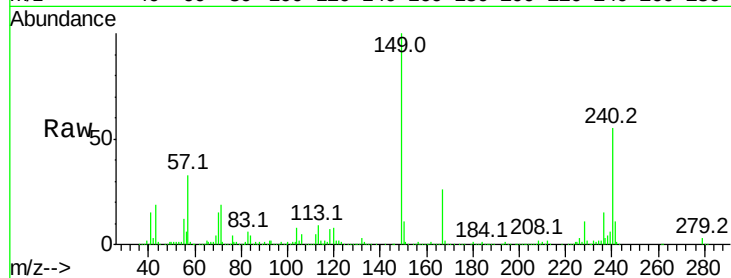
Tot Ion:240 Resp: 239791

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

236 26.6 20.5 30.7



#76

Benzidine

Concen: 48.517 ng

RT: 12.43 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

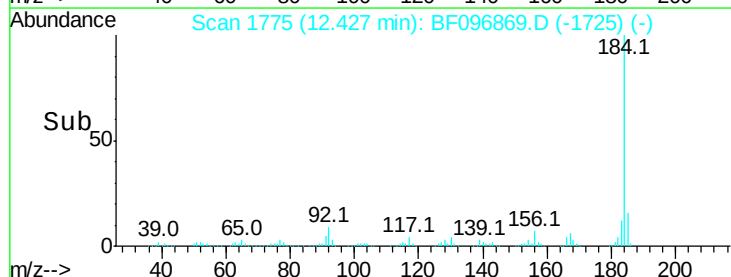
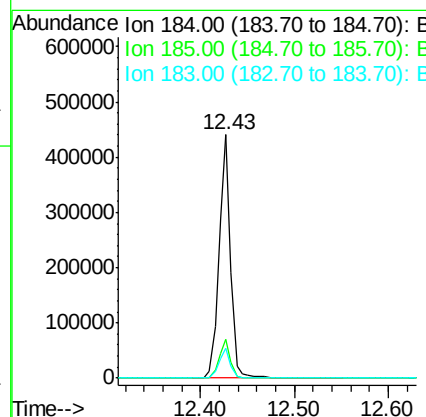
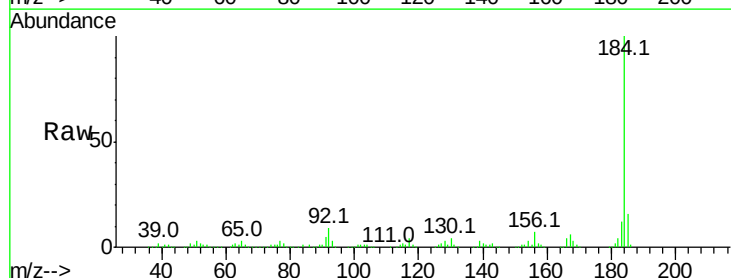
Tgt Ion:184 Resp: 381136

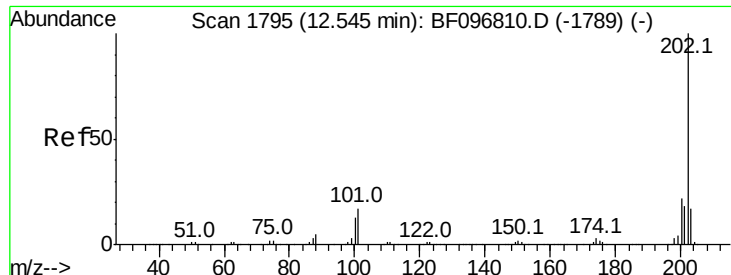
Ion Ratio Lower Upper

184 100

185 16.1 15.5 23.3

183 12.3 9.8 14.6





#77

Pvrene

Concen: 36.242 ng

RT: 12.53 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampled :

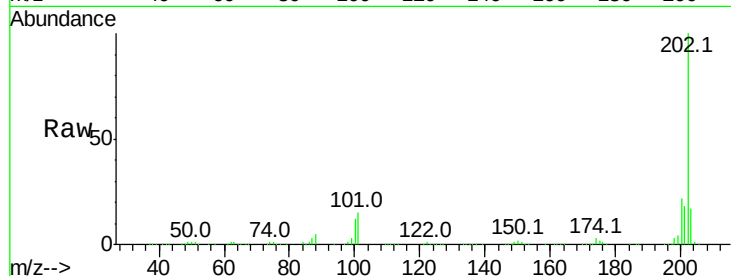
Tot Ion:202 Resp: 788719

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

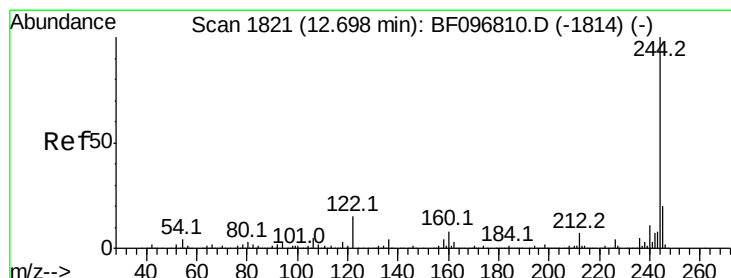
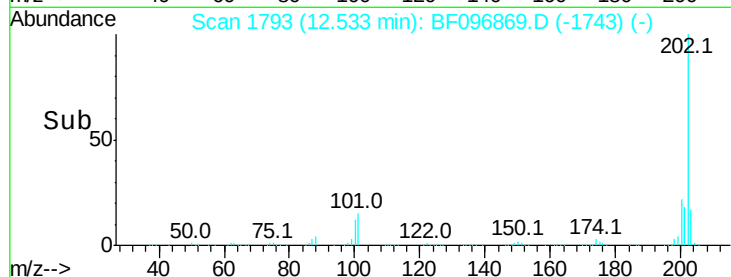
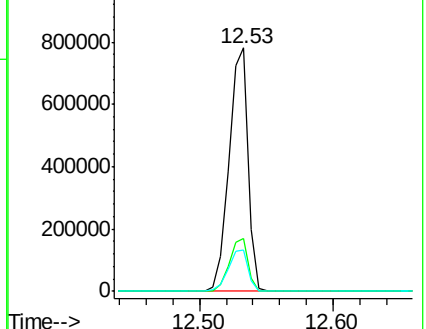
203 17.1 14.4 21.6



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: 67.673 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

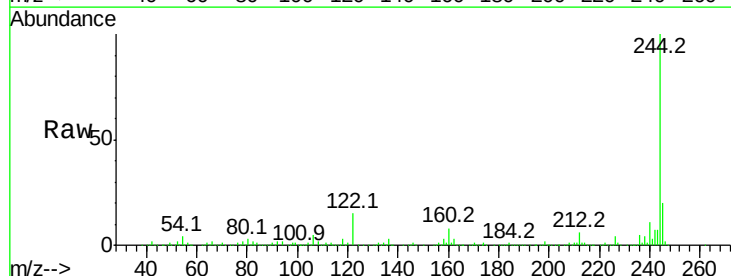
Tgt Ion:244 Resp: 935696

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

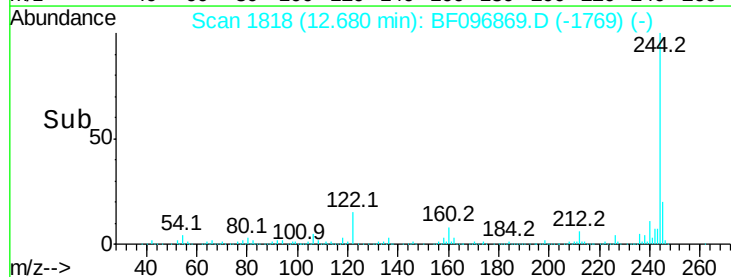
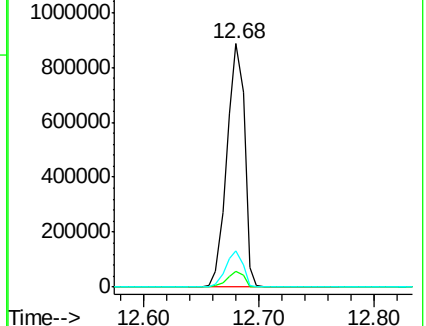
122 14.9 10.3 15.5

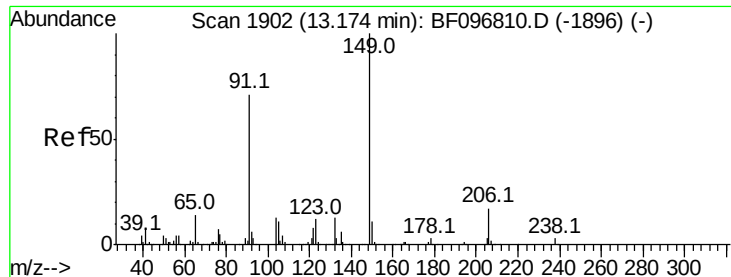


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.750 ng

RT: 13.16 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampled :

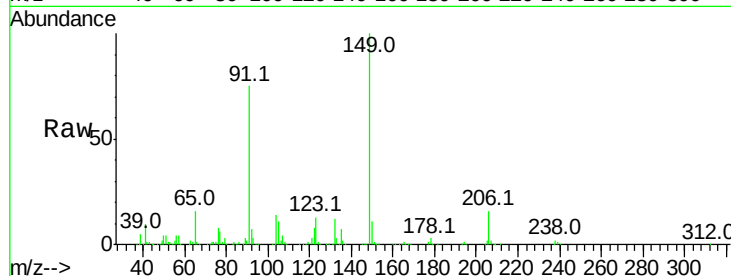
Tot Ion:149 Resp: 390333

Ion Ratio Lower Upper

149 100

91 75.0 45.0 67.4#

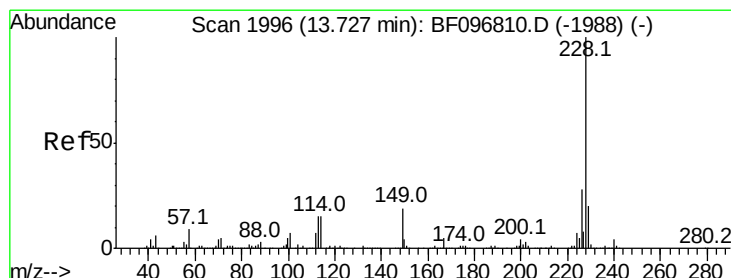
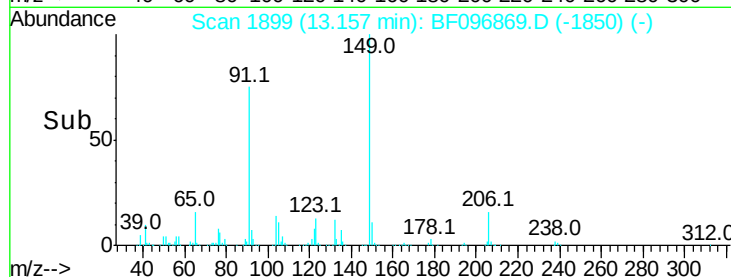
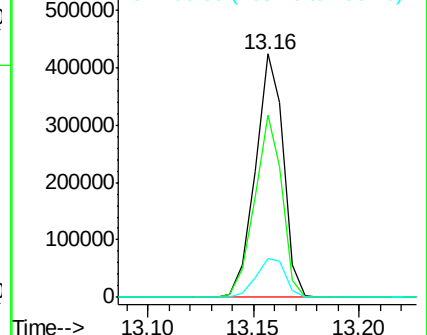
206 15.9 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.916 ng

RT: 13.72 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

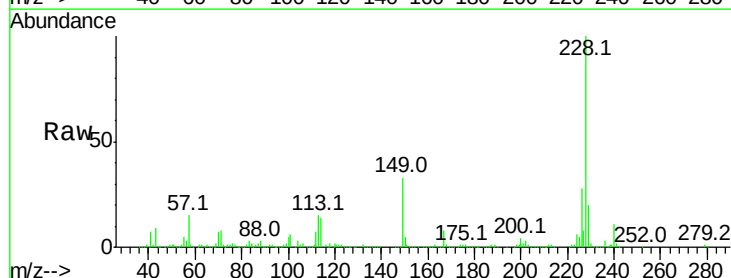
Tgt Ion:228 Resp: 611315

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

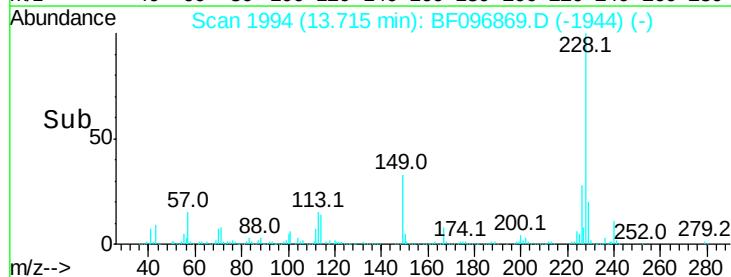
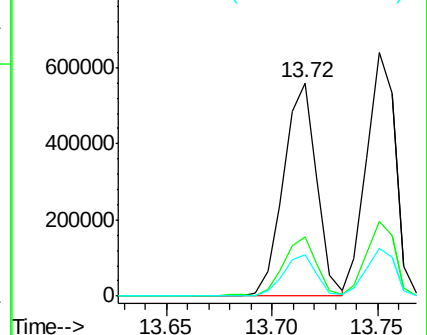
229 19.5 16.3 24.5

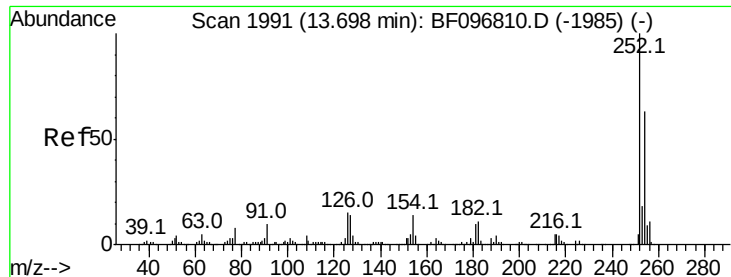


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 45.661 ng

RT: 13.68 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

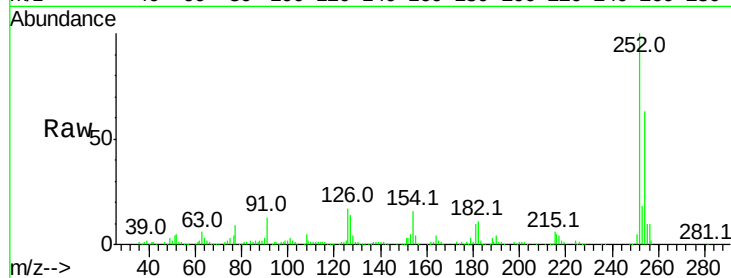
Tot Ion:252 Resp: 245323

Ion Ratio Lower Upper

252 100

254 63.3 51.5 77.3

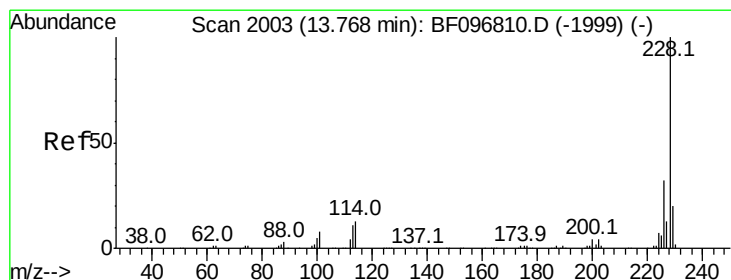
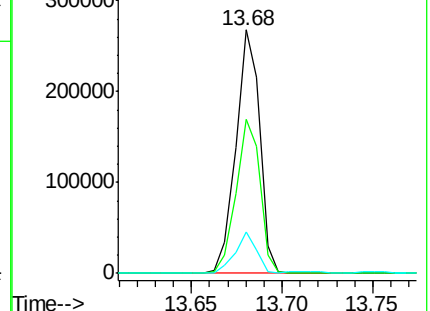
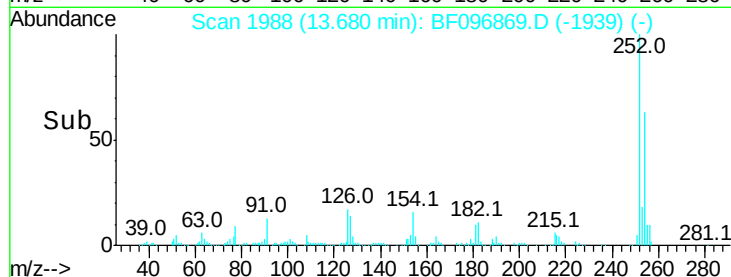
126 16.8 15.8 23.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.481 ng

RT: 13.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

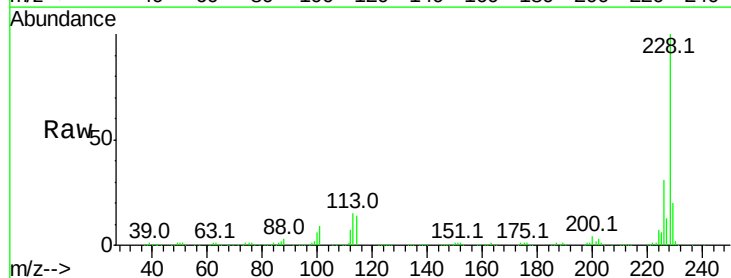
Tgt Ion:228 Resp: 610125

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

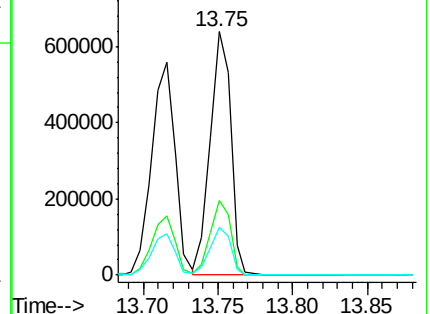
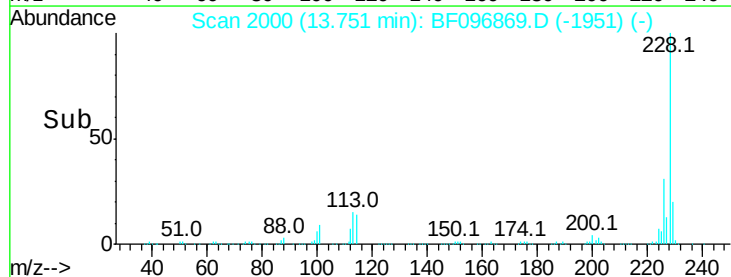
229 19.6 15.8 23.6

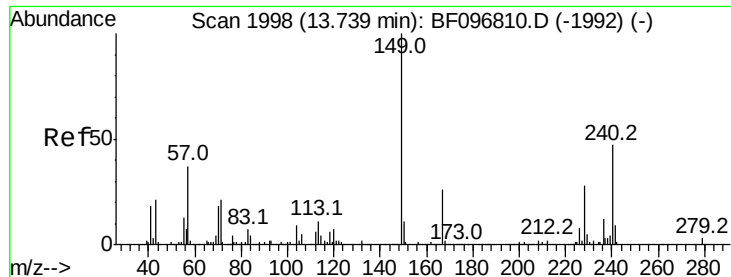


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.335 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

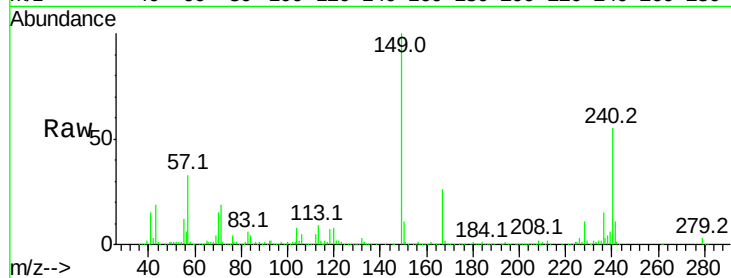
Tot Ion:149 Resp: 470133

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

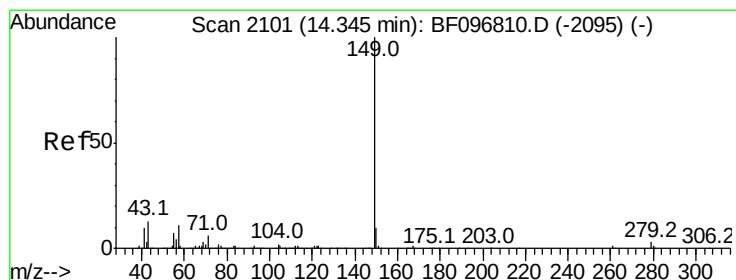
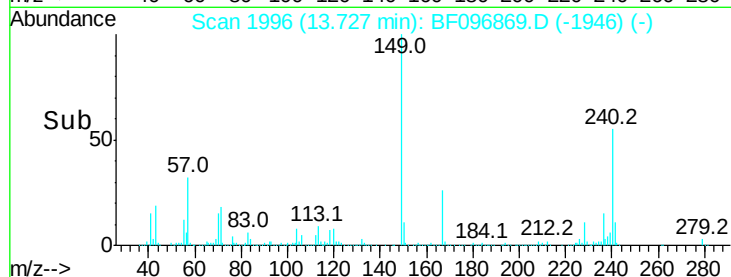
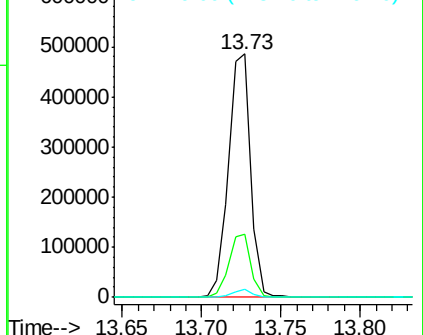
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.558 ng

RT: 14.33 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

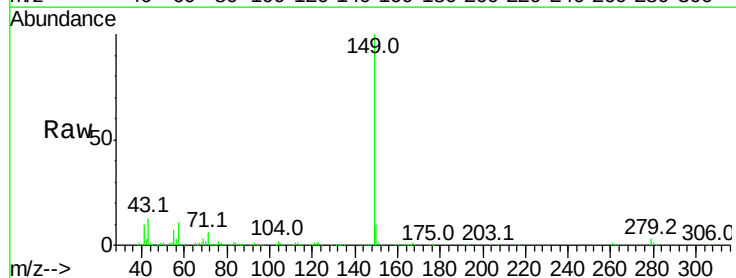
Tgt Ion:149 Resp: 802591

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

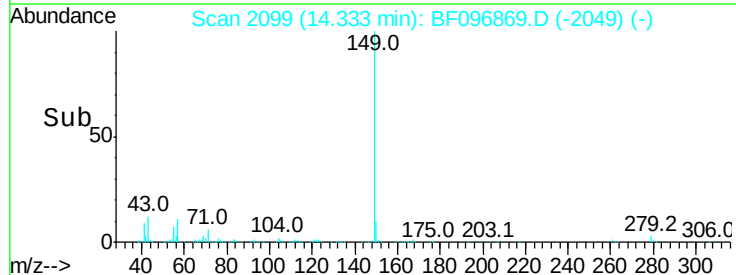
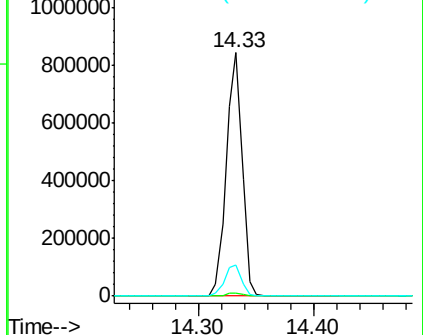
43 13.2 8.5 12.7#

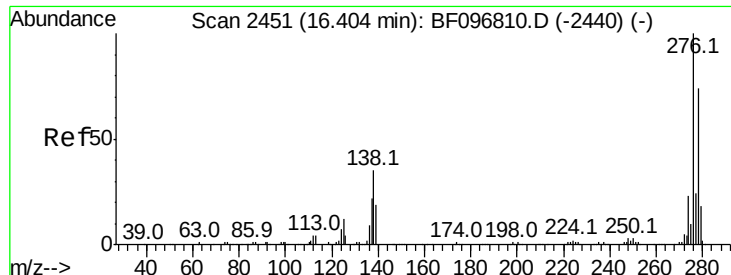


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

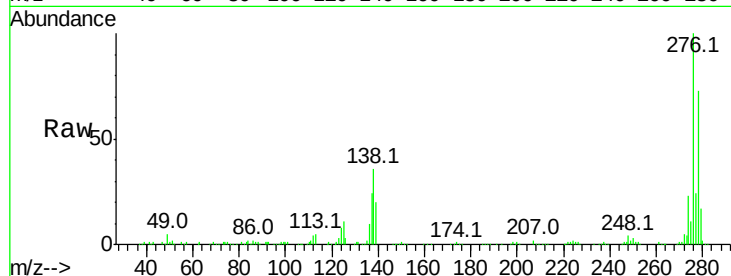




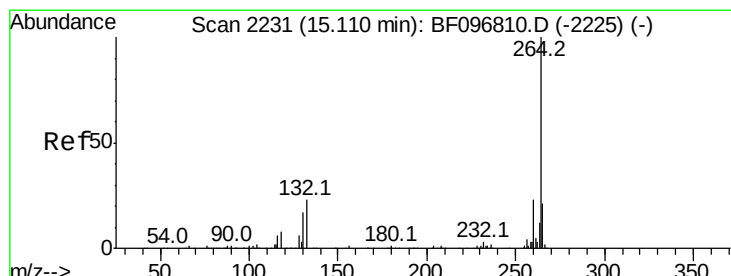
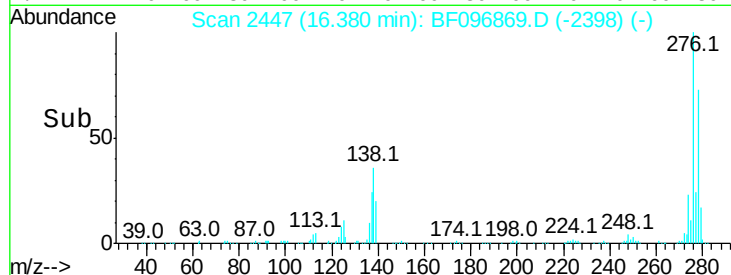
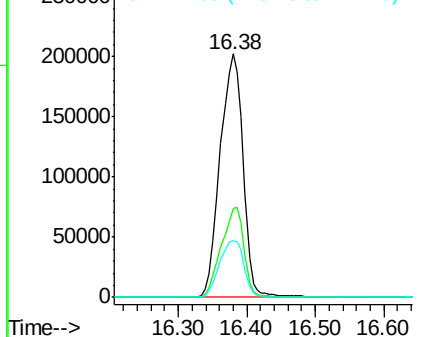
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.080 ng
 RT: 16.38 min Scan# 2447
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 471172
 Ion Ratio Lower Upper
 276 100
 138 36.6 27.8 41.6
 277 24.9 20.2 30.4

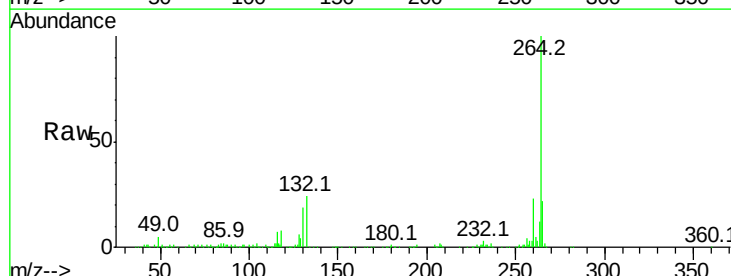


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

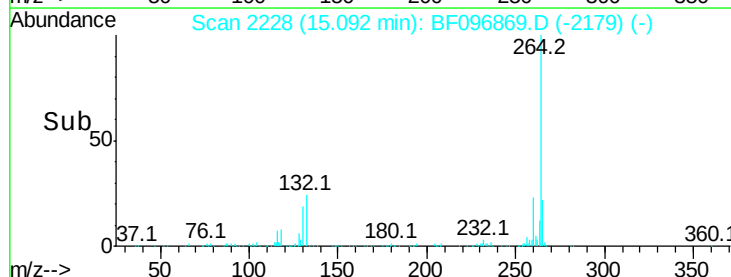
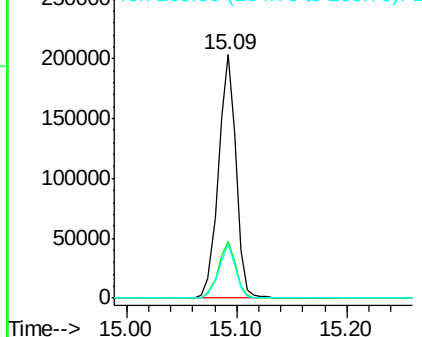


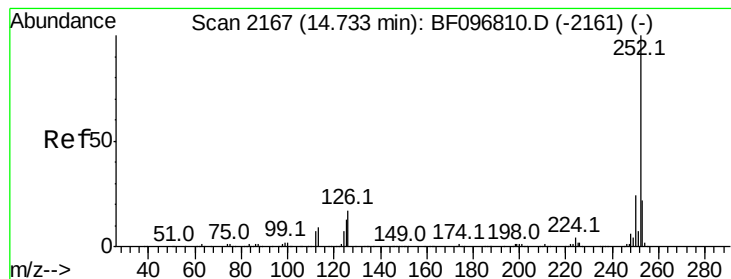
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Tgt Ion:264 Resp: 224084
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.254 ng

RT: 14.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

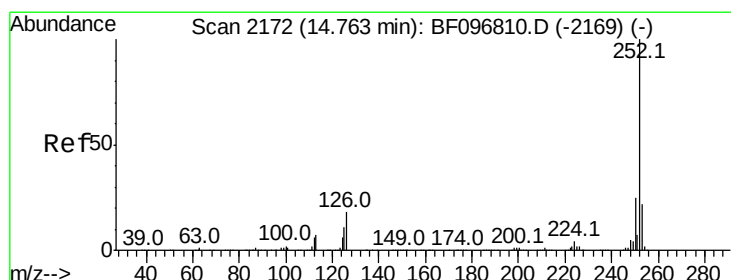
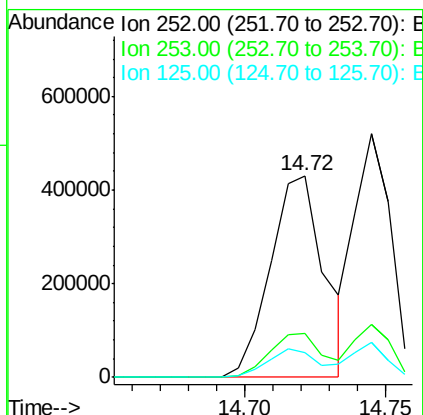
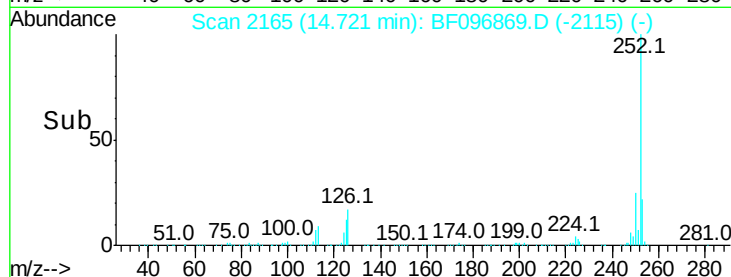
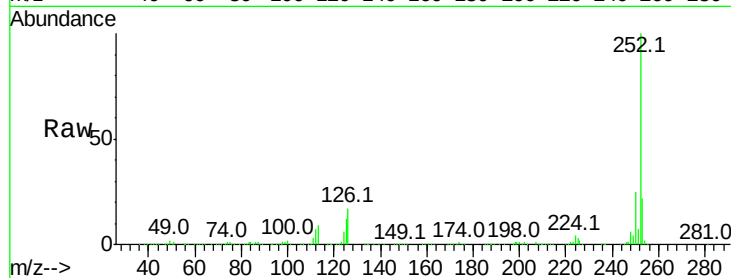
Tot Ion:252 Resp: 571059

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 12.4 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 36.651 ng

RT: 14.74 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

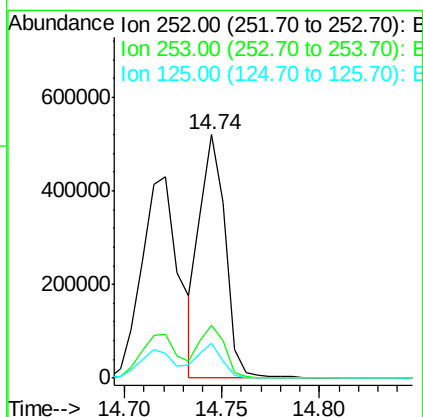
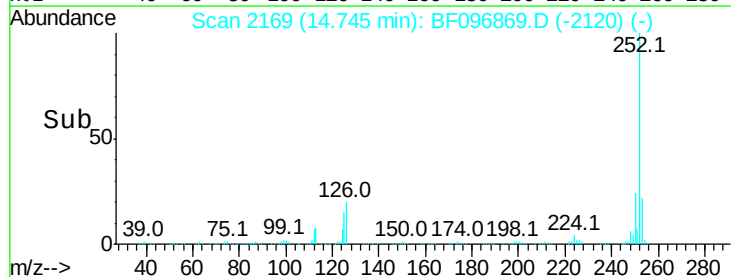
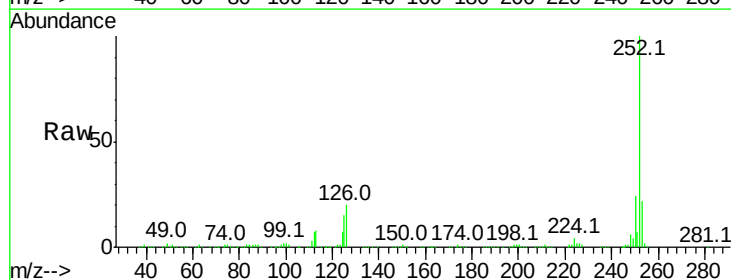
Tgt Ion:252 Resp: 469055

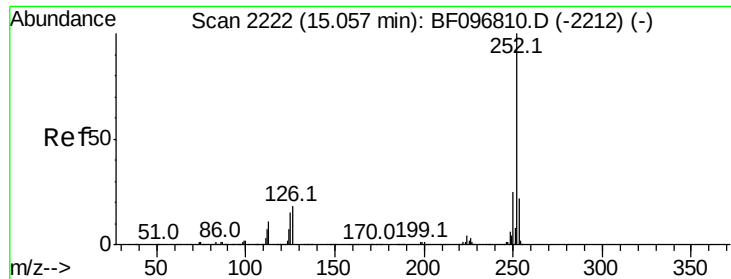
Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

125 14.6 13.1 19.7





#89

Benzo(a)pyrene

Concen: 39.675 ng

RT: 15.04 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

Instrument :

BNA_F

ClientSampleId :

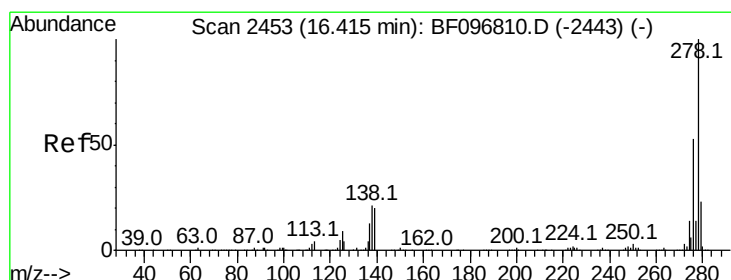
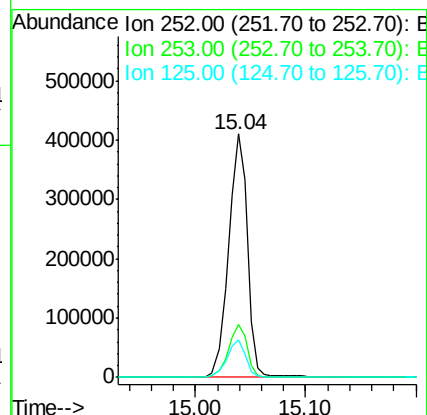
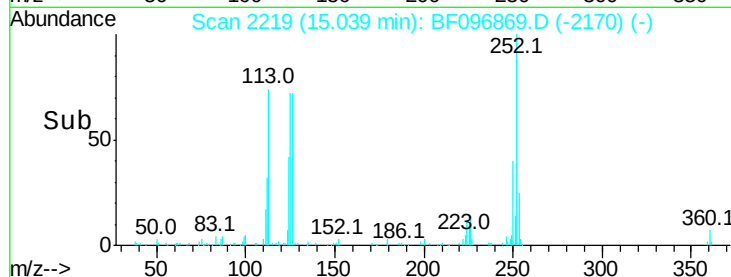
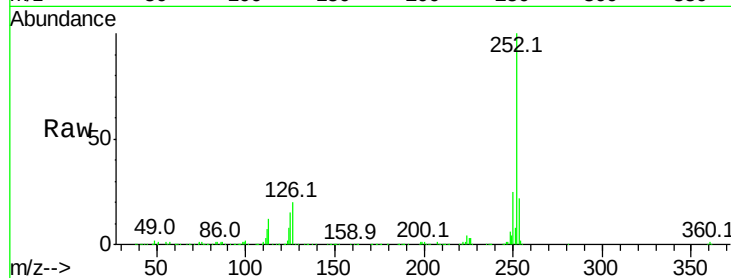
Tot Ion:252 Resp: 491789

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 15.2 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 34.091 ng

RT: 16.39 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BF096869.D

Acq: 19 Jul 2017 14:48

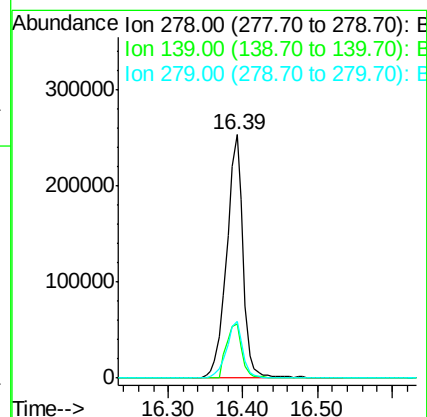
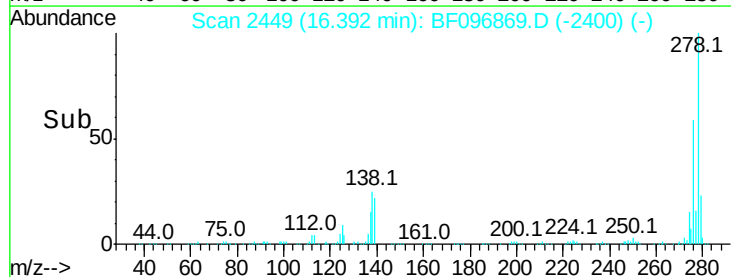
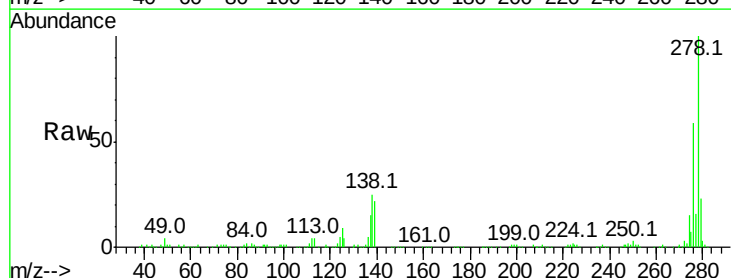
Tgt Ion:278 Resp: 388838

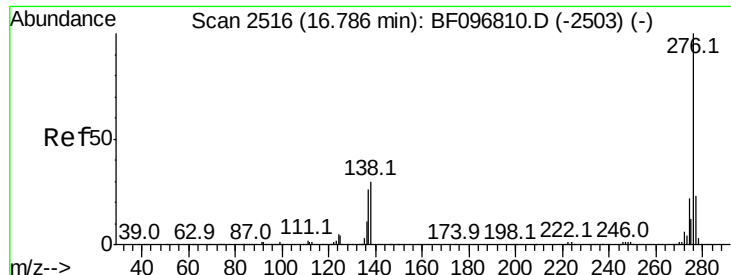
Ion Ratio Lower Upper

278 100

139 22.3 16.6 24.8

279 23.4 19.3 28.9

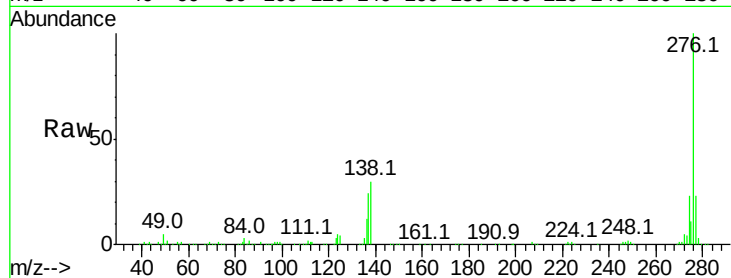




#91
 Benzo(a,h,i)perylene
 Concen: 32.115 ng
 RT: 16.76 min Scan# 2512
 Delta R.T. -0.02 min
 Lab File: BF096869.D
 Acq: 19 Jul 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	30.0	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

