

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096661.D
 Acq On : 12 Jul 2017 00:03
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 12 01:15:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113798	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	479508	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	212756	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	350563	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	207403	20.00	ng	-0.02
86) Perylene-d12	15.22	264	184810	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	566048	73.42	ng	-0.02
7) Phenol-d6	6.33	99	729472	76.96	ng	-0.02
23) Nitrobenzene-d5	7.25	82	624756	78.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	134012	80.64	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1012785	81.39	ng	-0.02
78) Terphenyl-d14	12.78	244	883151	90.99	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	129158	35.328	ng	# 76
3) Pyridine	2.99	79	337945	33.690	ng	# 61
4) n-Nitrosodimethylamine	2.94	42	175649	35.477	ng	# 86
6) Aniline	6.35	93	456113	37.232	ng	# 54
8) 2-Chlorophenol	6.47	128	324406	39.456	ng	# 99
9) Benzaldehyde	6.23	77	201981	34.049	ng	# 97
10) Phenol	6.34	94	404666	37.475	ng	# 73
11) bis(2-Chloroethyl)ether	6.43	93	307598	36.860	ng	# 94
12) 1,3-Dichlorobenzene	6.63	146	343776	39.877	ng	# 99
13) 1,4-Dichlorobenzene	6.70	146	346612	40.226	ng	# 96
14) 1,2-Dichlorobenzene	6.86	146	315677	39.901	ng	# 99
15) Benzyl Alcohol	6.83	79	247929	39.130	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	649355	38.277	ng	# 91
17) 2-Methylphenol	6.95	107	253717	38.721	ng	# 96
18) Hexachloroethane	7.20	117	115152	36.862	ng	# 79
19) n-Nitroso-di-n-propylamine	7.11	70	206825	36.627	ng	# 84
20) 3+4-Methylphenols	7.10	107	301014	41.187	ng	# 88
22) Acetophenone	7.10	105	410102	39.142	ng	# 93
24) Nitrobenzene	7.27	77	320355	38.268	ng	# 93
25) Isophorone	7.51	82	580828	37.541	ng	# 97
26) 2-Nitrophenol	7.59	139	172441	38.918	ng	# 87
27) 2,4-Dimethylphenol	7.63	122	289993	38.438	ng	# 95
28) bis(2-Chloroethoxy)methane	7.72	93	389213	38.108	ng	# 98
29) 2,4-Dichlorophenol	7.83	162	262306	40.297	ng	# 99
30) 1,2,4-Trichlorobenzene	7.92	180	236616	38.535	ng	# 99
31) Naphthalene	7.99	128	902648	39.875	ng	# 99
32) Benzoic acid	7.76	122	173713	27.416	ng	# 96
33) 4-Chloroaniline	8.04	127	379309	40.340	ng	# 98
34) Hexachlorobutadiene	8.12	225	129343	41.070	ng	# 99
35) Caprolactam	8.42	113	88070	39.236	ng	# 70
36) 4-Chloro-3-methylphenol	8.53	107	289477	40.191	ng	# 88
37) 2-Methylnaphthalene	8.68	142	568365	39.443	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	221586	40.112	ng	# 99
40) Hexachlorocyclopentadiene	8.84	237	55048	20.494	ng	# 96

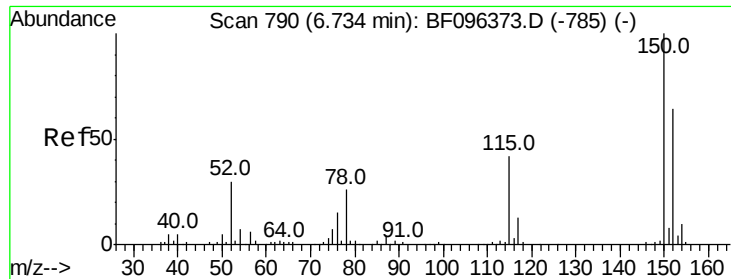
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	165349	37.836	nq	97
43) 2,4,5-Trichlorophenol	9.00	196	168778	39.061	nq	95
45) 1,1'-Biphenyl	9.15	154	721526	39.581	nq	98
46) 2-Chloronaphthalene	9.17	162	535525	39.420	nq	94
47) 2-Nitroaniline	9.26	65	197713	39.997	nq	95
48) Acenaphthylene	9.58	152	852705	39.612	nq	99
49) Dimethylphthalate	9.45	163	628649	39.582	nq	99
50) 2,6-Dinitrotoluene	9.51	165	138343	39.390	nq #	89
51) Acenaphthene	9.76	154	487340	36.728	nq	99
52) 3-Nitroaniline	9.67	138	178946	40.850	nq	90
53) 2,4-Dinitrophenol	9.78	184	43925	23.547	nq #	72
54) Dibenzofuran	9.93	168	697770	39.830	nq	98
55) 4-Nitrophenol	9.84	139	126753	34.910	nq #	69
56) 2,4-Dinitrotoluene	9.91	165	181689	40.850	nq #	79
57) Fluorene	10.27	166	516848	41.773	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.05	232	118655	39.691	nq	98
59) Diethylphthalate	10.15	149	604741	40.284	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	217828	40.464	nq	92
61) 4-Nitroaniline	10.29	138	170653	42.843	nq	90
62) Azobenzene	10.42	77	499307	34.397	nq	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	71019	29.375	nq	80
65) n-Nitrosodiphenylamine	10.38	169	477188	38.796	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	131586	38.559	nq	91
67) Hexachlorobenzene	10.82	284	149187	39.936	nq #	85
68) Atrazine	10.91	200	142640	40.591	nq	94
69) Pentachlorophenol	11.01	266	83244	37.598	nq	96
70) Phenanthrene	11.22	178	745214	39.324	nq	98
71) Anthracene	11.27	178	766741	39.704	nq	99
72) Carbazole	11.43	167	751742	38.708	nq	98
73) Di-n-butylphthalate	11.77	149	940302	39.974	nq	98
74) Fluoranthene	12.40	202	687611	37.008	nq	98
76) Benzidine	12.53	184	360226	36.197	nq	95
77) Pyrene	12.63	202	723123	43.437	nq	99
79) Butylbenzylphthalate	13.26	149	374129	44.395	nq #	82
80) Benzo(a)anthracene	13.82	228	488054	40.636	nq	99
81) 3,3'-Dichlorobenzidine	13.78	252	194968	39.523	nq #	94
82) Chrysene	13.86	228	516090	41.033	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	447206	47.540	nq	99
84) Di-n-octyl phthalate	14.43	149	786006	42.431	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	469654	47.306	nq	97
87) Benzo(b)fluoranthene	14.83	252	469488	40.543	nq	99
88) Benzo(k)fluoranthene	14.86	252	431552	41.661	nq	97
89) Benzo(a)pyrene	15.17	252	404765	39.150	nq	99
90) Dibenzo(a,h)anthracene	16.58	278	382837	47.069	nq #	95
91) Benzo(g,h,i)perylene	16.97	276	400461	47.515	nq	100

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

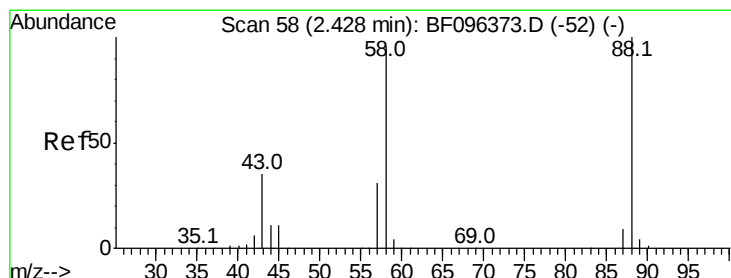
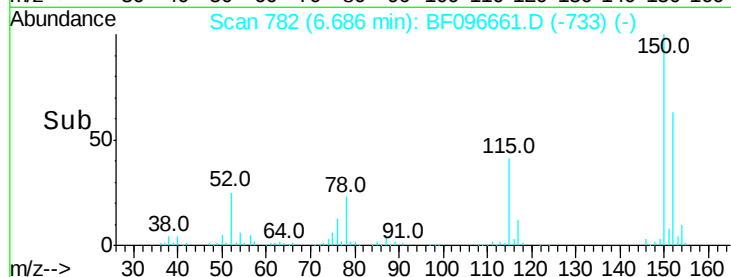
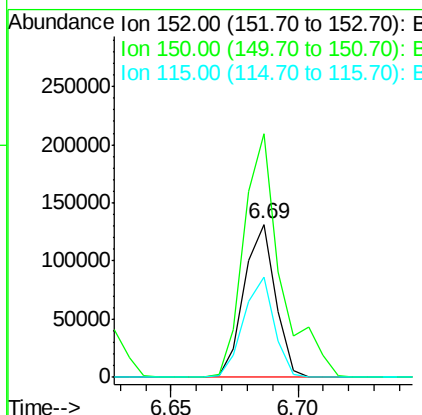
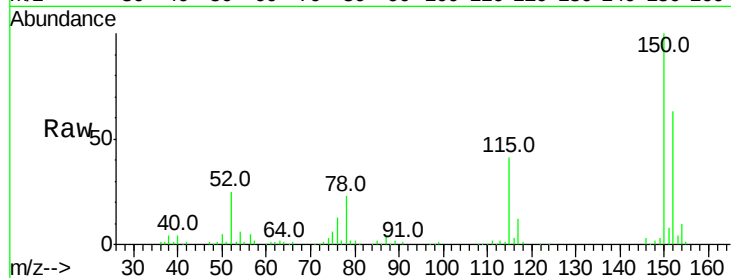


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

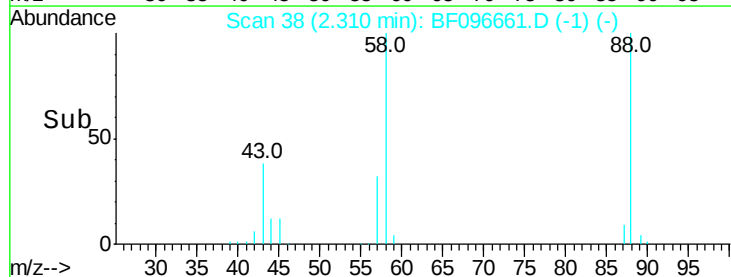
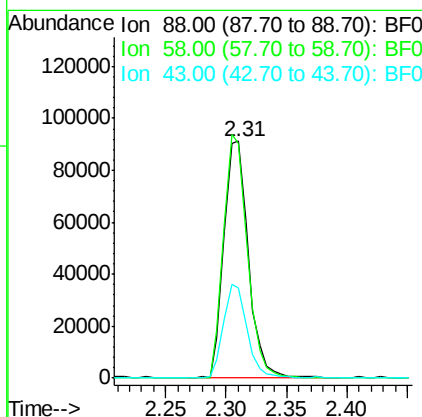
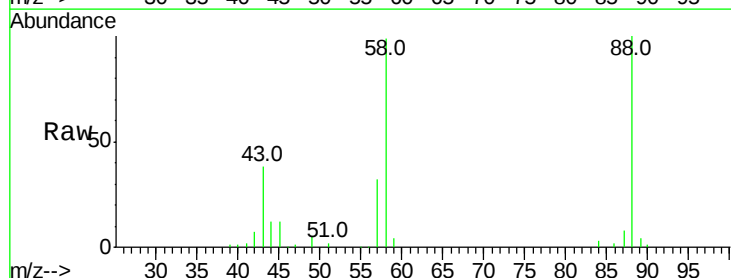
Tot Ion:152 Resp: 113798
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 65.4 52.2 78.2

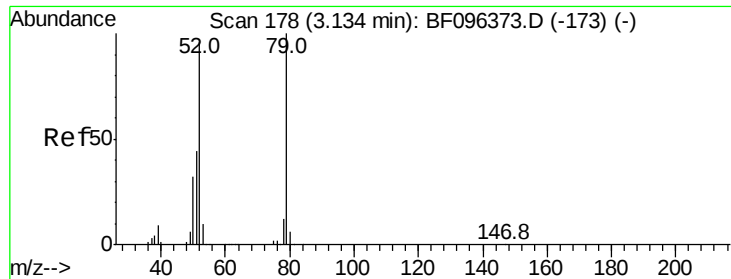


#2

1,4-Dioxane
Concen: 35.328 ng
RT: 2.31 min Scan# 38
Delta R.T. -0.05 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion: 88 Resp: 129158
Ion Ratio Lower Upper
88 100
58 99.3 61.4 92.0#
43 38.1 23.4 35.0#





#3

Pvridine

Concen: 33.690 ng

RT: 2.99 min Scan# 154

Delta R.T. -0.06 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

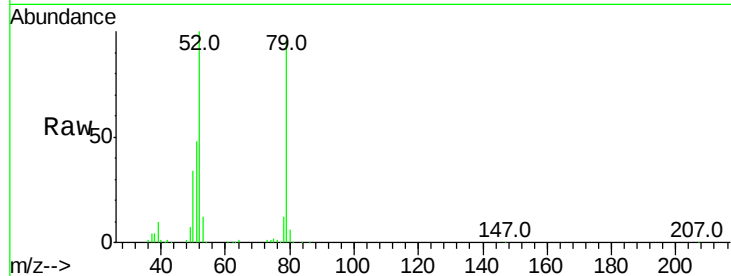
Tot Ion: 79 Resp: 337945

Ion Ratio Lower Upper

79 100

52 103.9 54.8 82.2#

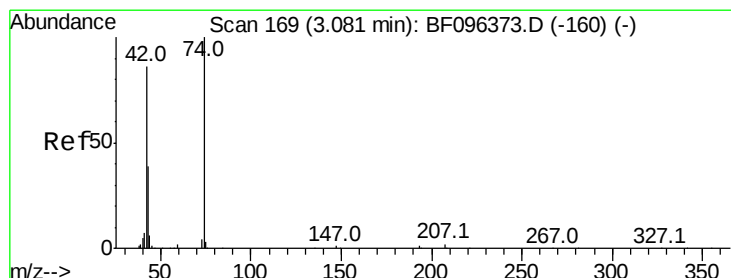
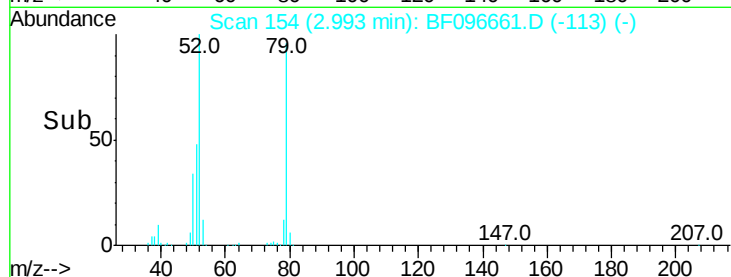
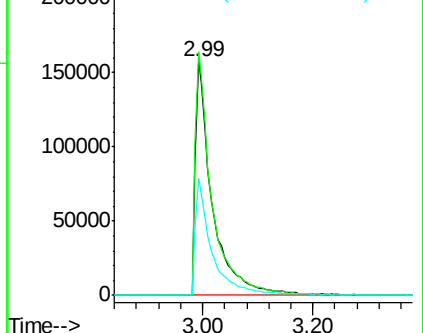
51 49.8 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.477 ng

RT: 2.94 min Scan# 145

Delta R.T. -0.06 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

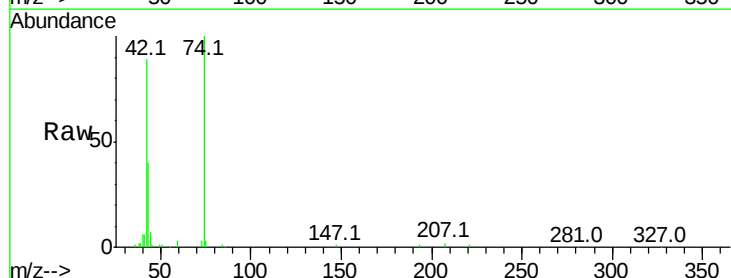
Tgt Ion: 42 Resp: 175649

Ion Ratio Lower Upper

42 100

74 112.3 103.9 155.9

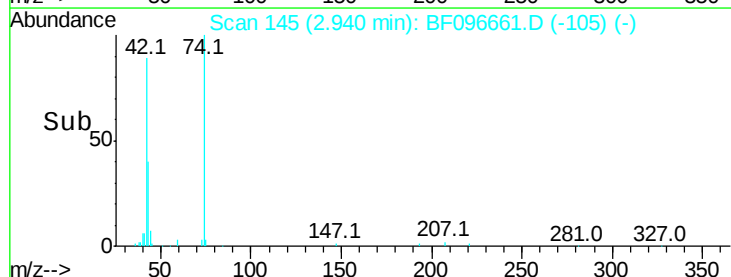
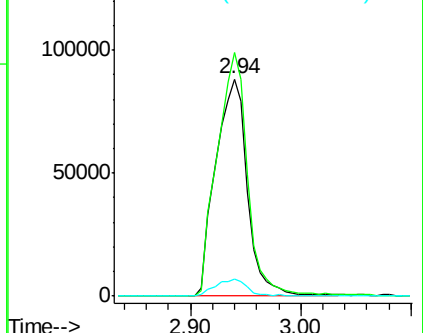
44 8.2 5.7 8.5

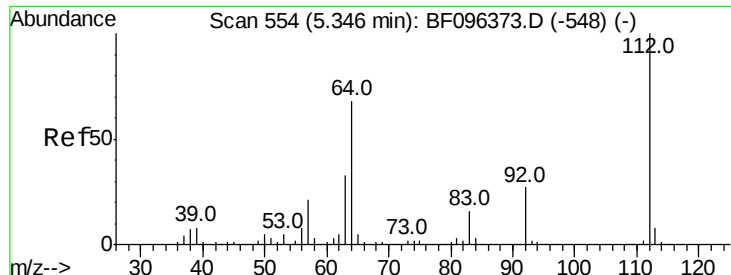


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

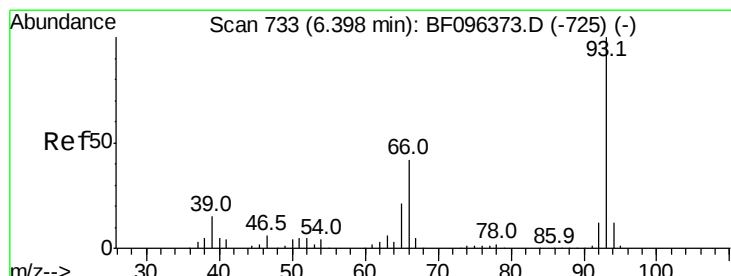
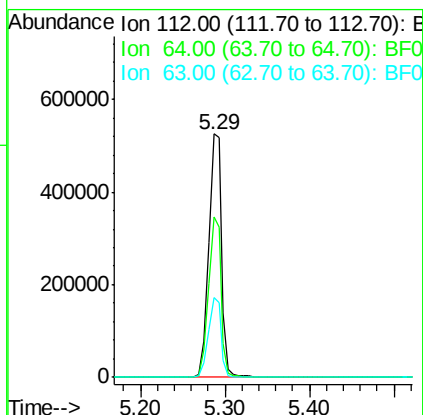
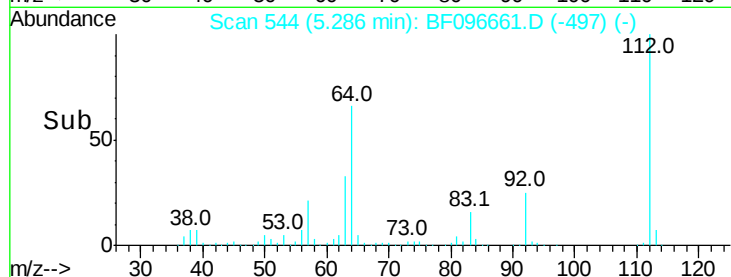
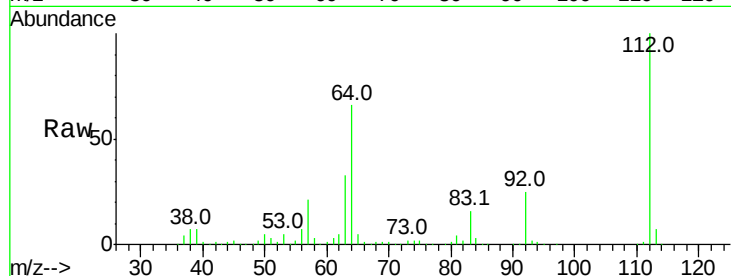




#5
 2-Fluorophenol
 Concen: 73.417 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

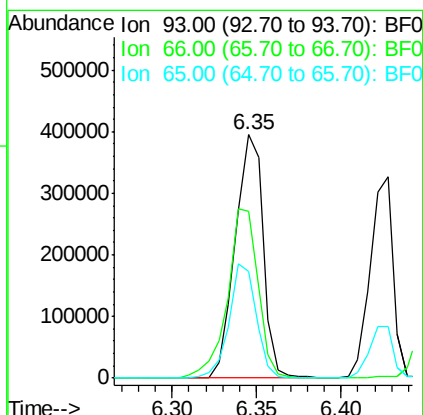
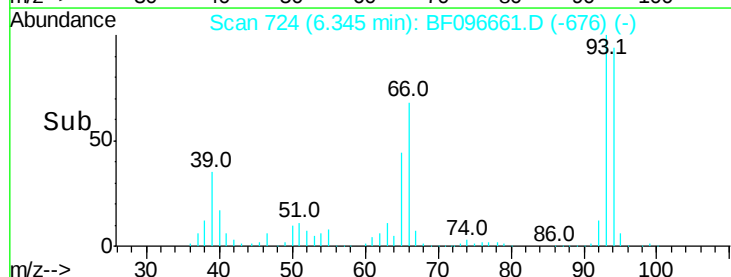
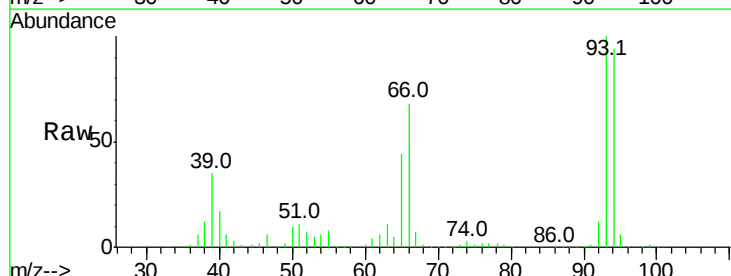
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

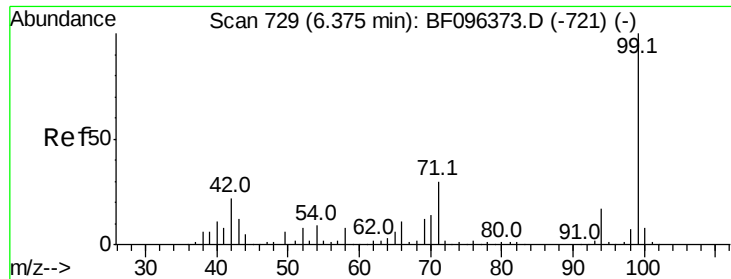
Tot Ion:	112	Resp:	566048
Ion	Ratio	Lower	Upper
112	100		
64	65.7	46.0	69.0
63	32.6	23.4	35.0



#6
 Aniline
 Concen: 37.232 ng
 RT: 6.35 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion:	93	Resp:	456113
Ion	Ratio	Lower	Upper
93	100		
66	68.3	32.9	49.3#
65	44.1	16.0	24.0#





#7

Phenol-d6

Concen: 76.961 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

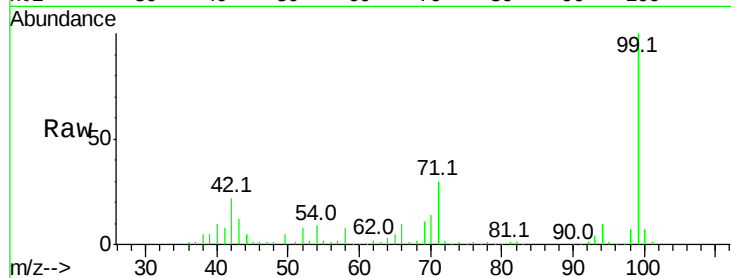
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 729472

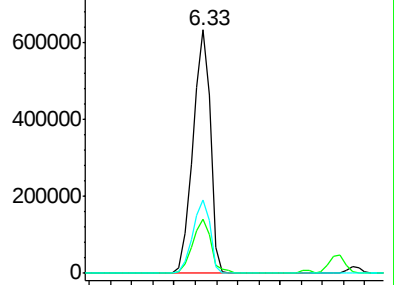
Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	30.2	24.5	36.7



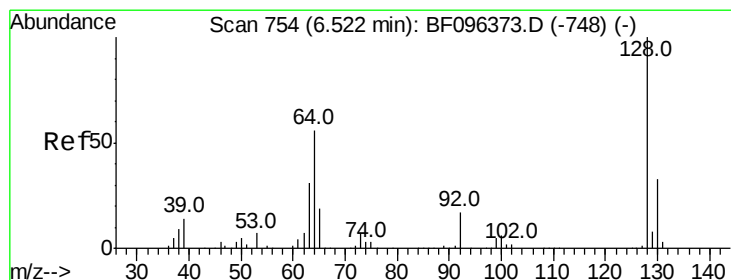
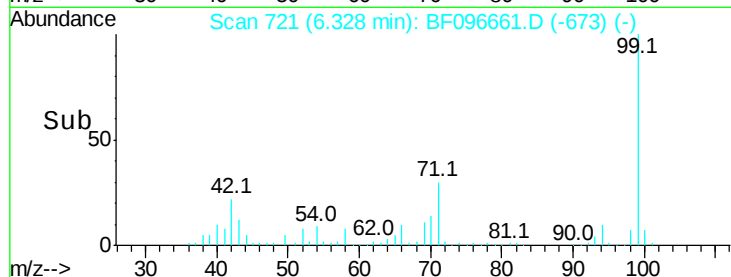
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 39.456 ng

RT: 6.47 min Scan# 746

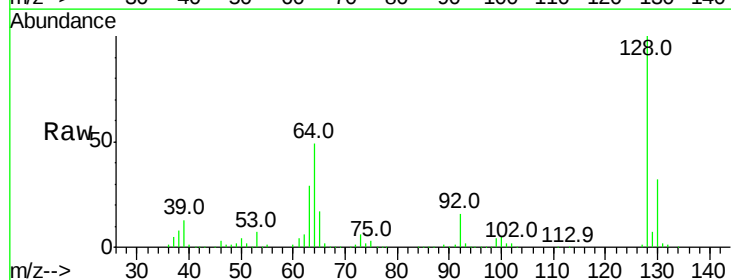
Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Tgt Ion: 128 Resp: 324406

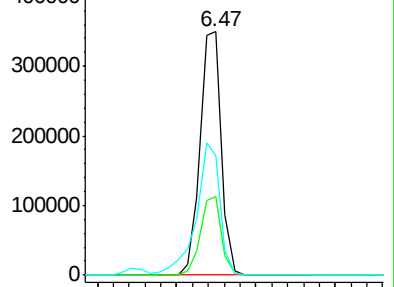
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	48.9	28.4	68.4



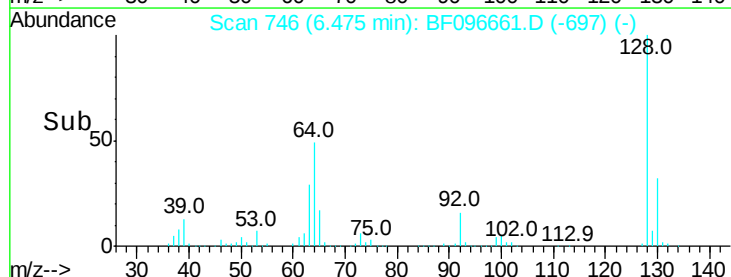
Abundance Ion 128.00 (127.70 to 128.70): E

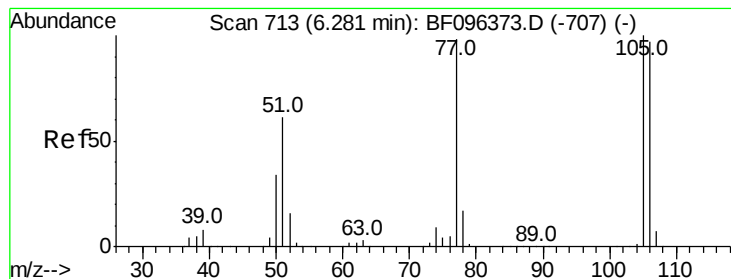
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 34.049 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

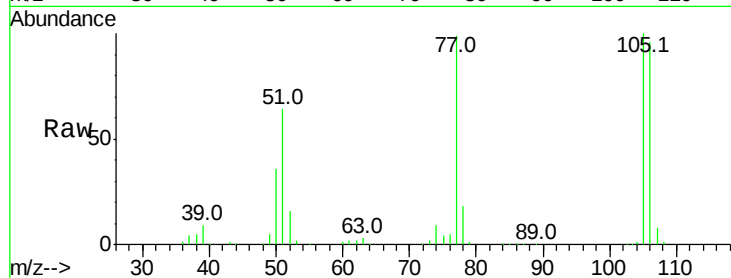
Tot Ion: 77 Resp: 201981

Ion Ratio Lower Upper

77 100

105 100.9 83.8 123.8

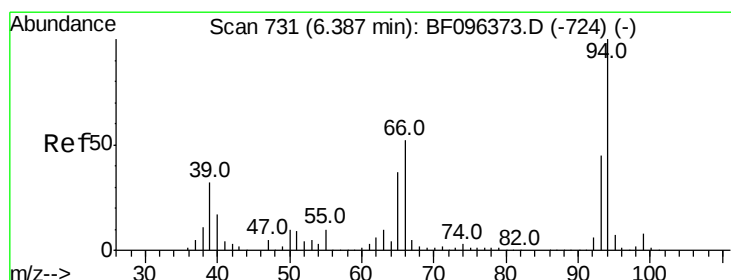
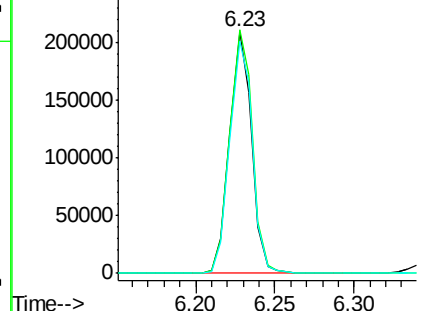
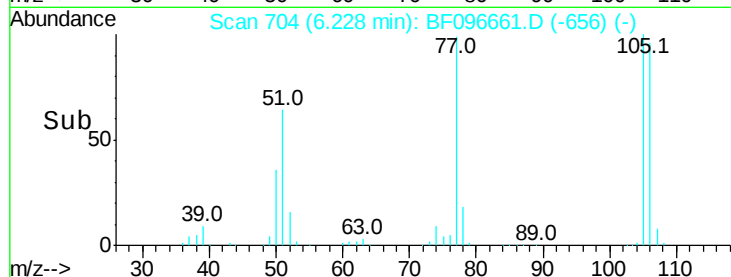
106 96.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.475 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

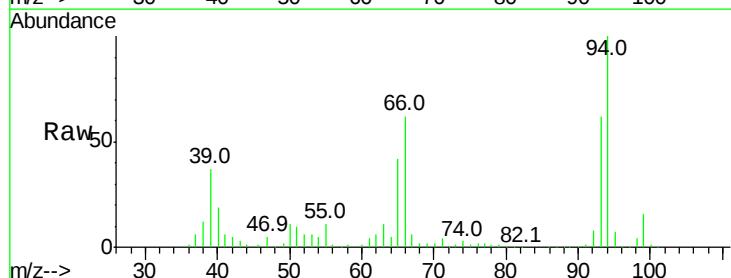
Tgt Ion: 94 Resp: 404666

Ion Ratio Lower Upper

94 100

65 41.9 9.9 49.9

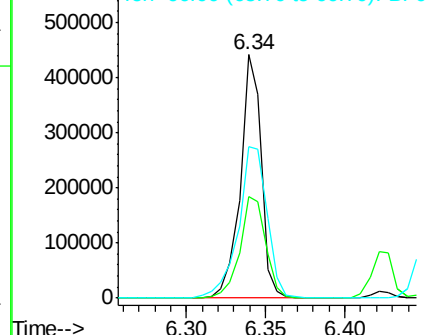
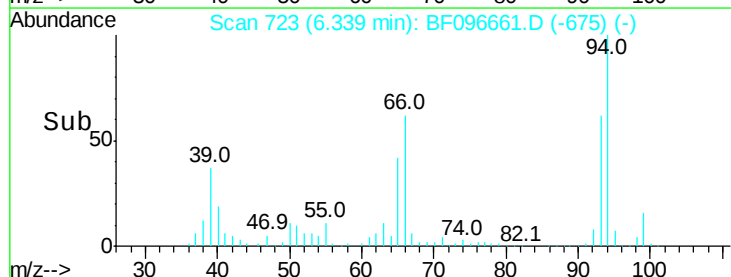
66 62.3 23.1 63.1

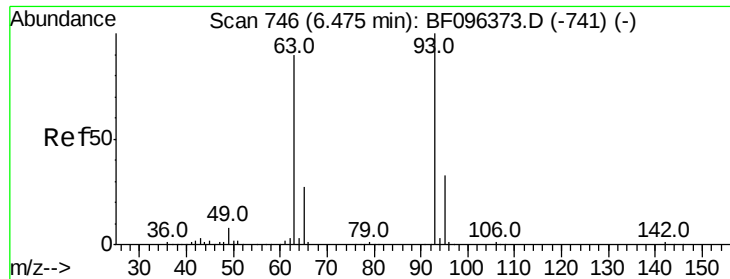


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.860 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

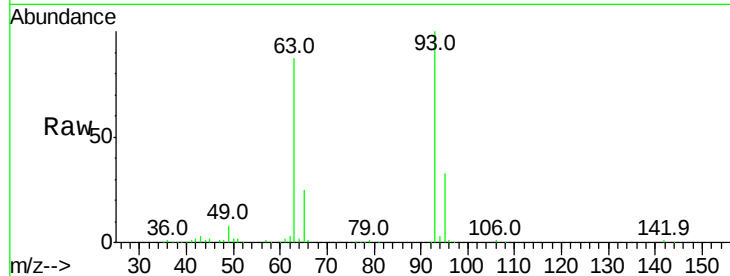
Tot Ion: 93 Resp: 307598

Ion Ratio Lower Upper

93 100

63 86.5 59.2 99.2

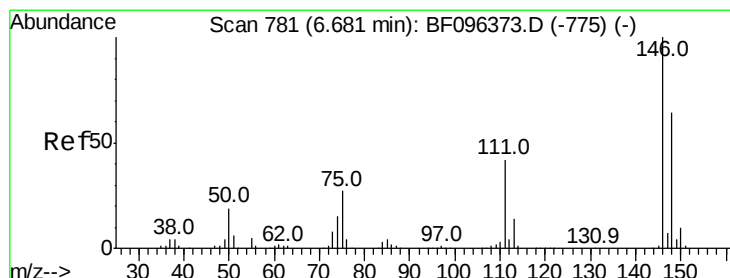
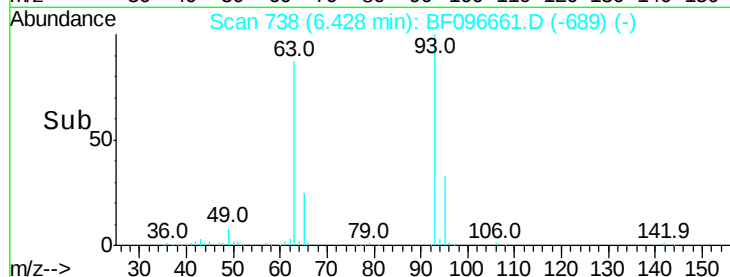
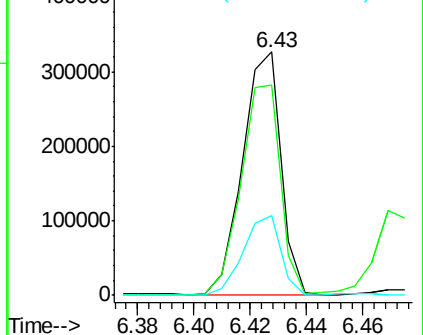
95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.877 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

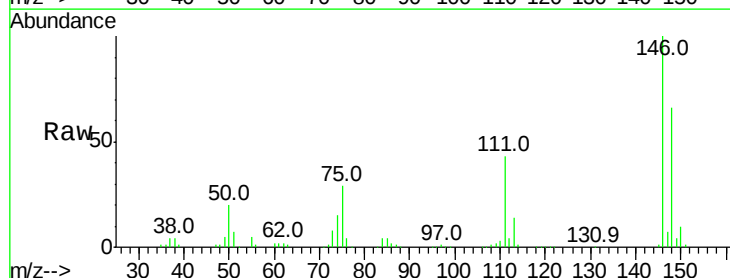
Tgt Ion: 146 Resp: 343776

Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.6

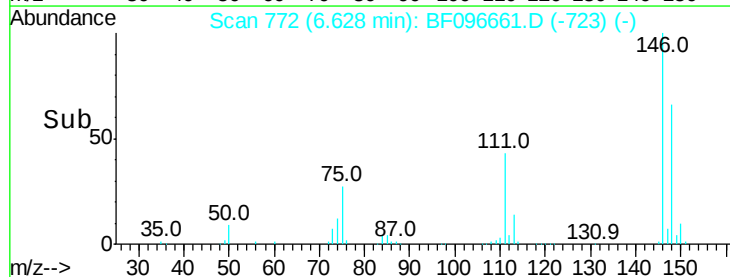
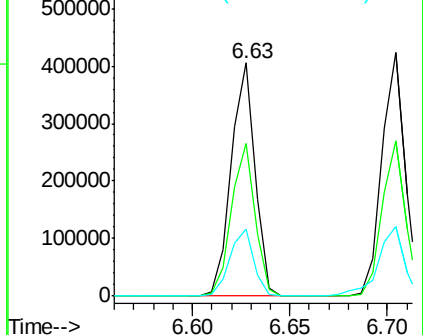
75 28.6 23.1 34.7

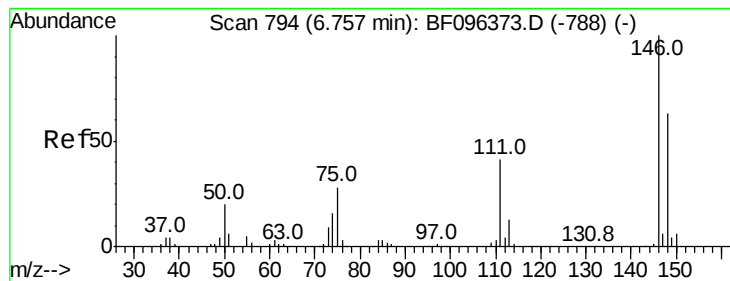


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.226 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

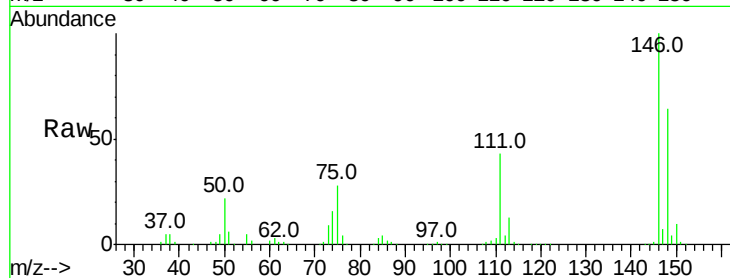
Tot Ion:146 Resp: 346612

Ion Ratio Lower Upper

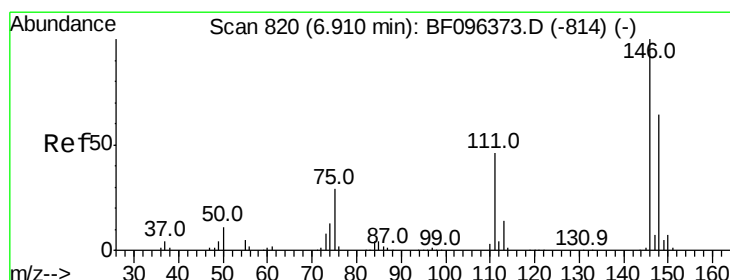
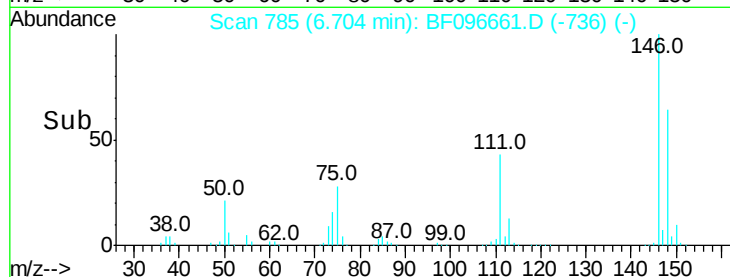
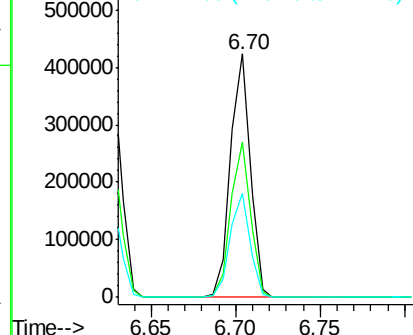
146 100

148 63.6 52.2 78.2

111 42.9 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 39.901 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

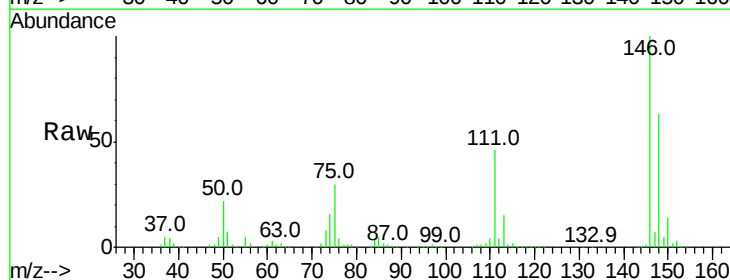
Tgt Ion:146 Resp: 315677

Ion Ratio Lower Upper

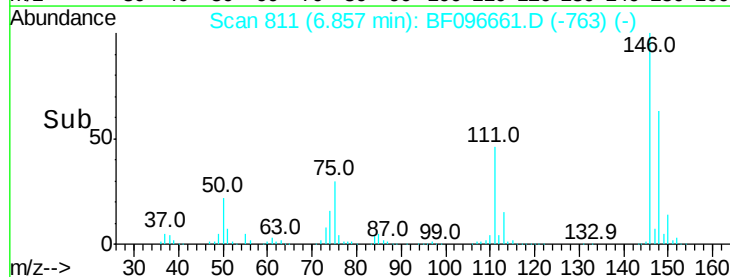
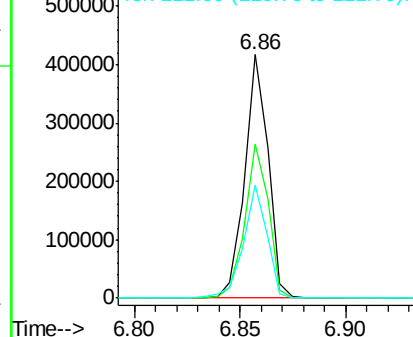
146 100

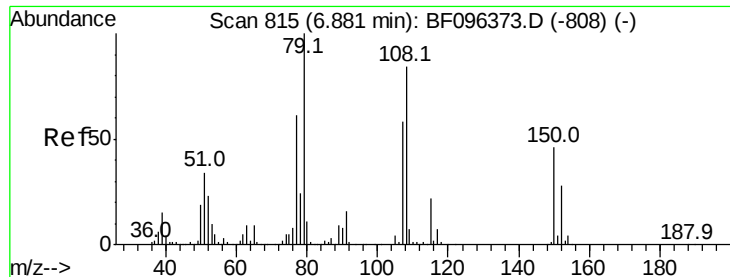
148 63.2 50.4 75.6

111 46.2 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 39.130 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

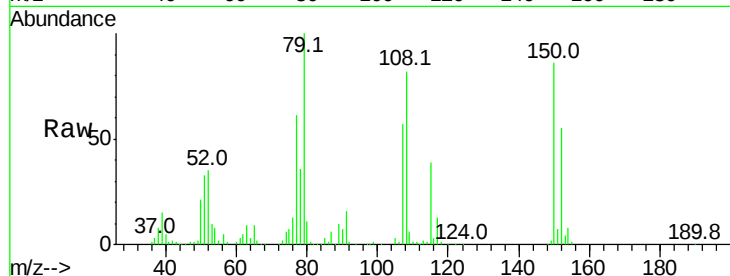
Tot Ion: 79 Resp: 247929

Ion Ratio Lower Upper

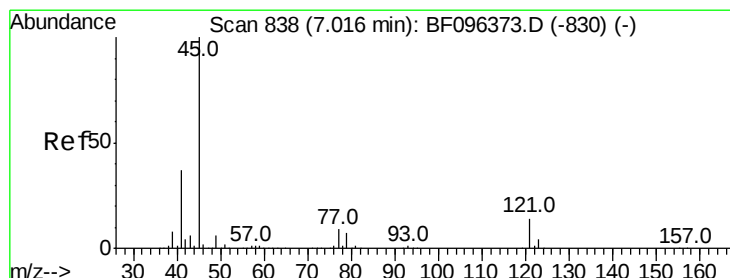
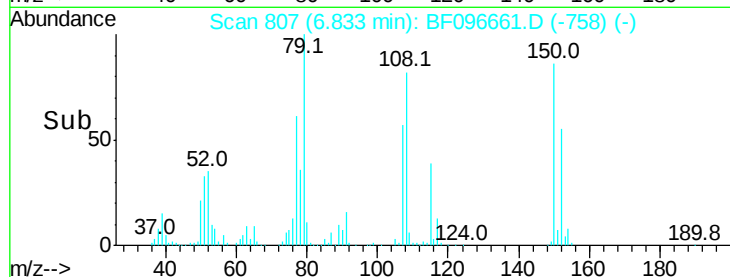
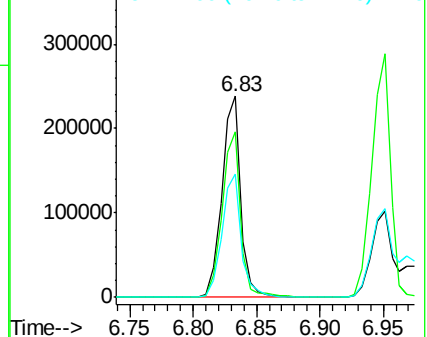
79 100

108 82.4 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: 38.277 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

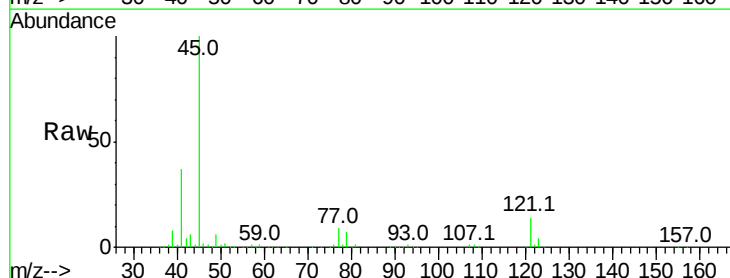
Tgt Ion: 45 Resp: 649355

Ion Ratio Lower Upper

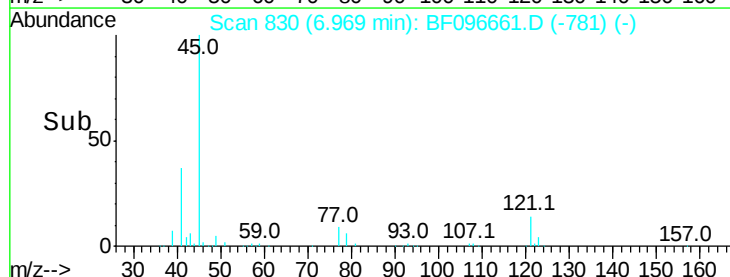
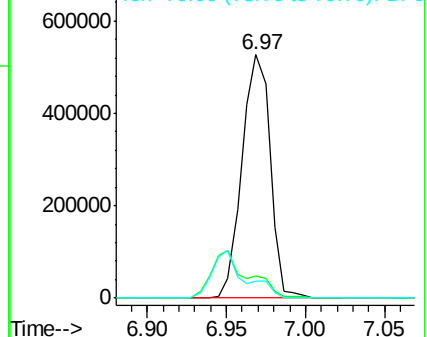
45 100

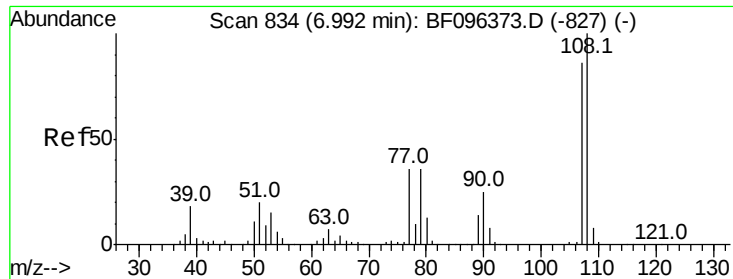
77 9.4 0.0 33.2

79 7.0 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

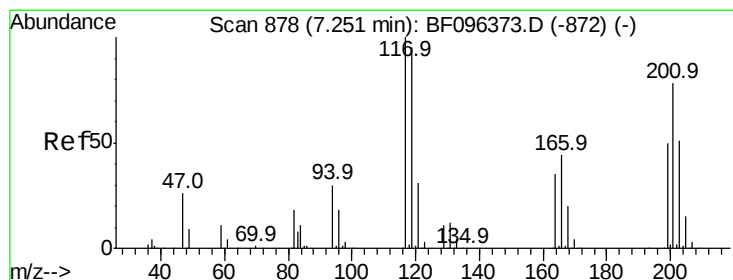
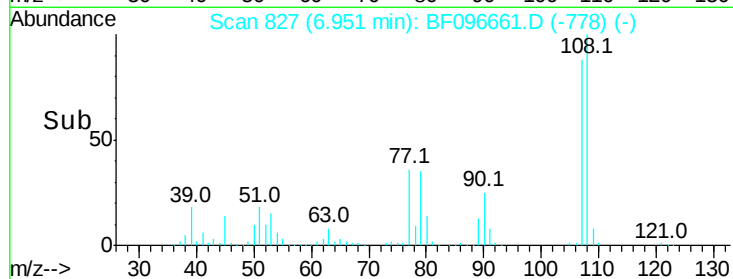
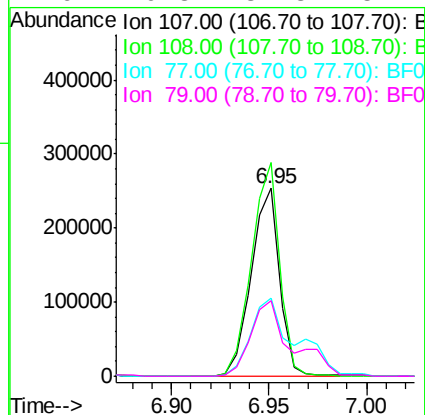
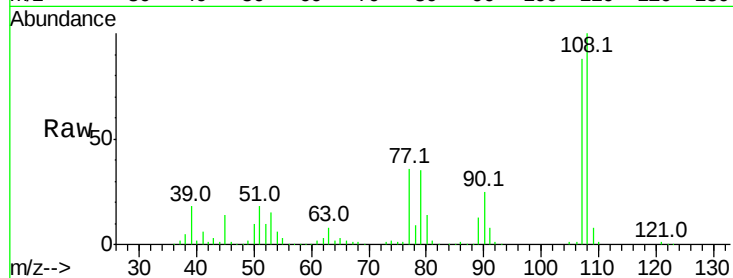




#17
2-Methylphenol
Concen: 38.721 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

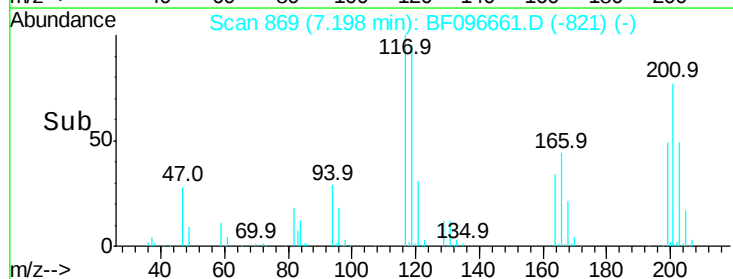
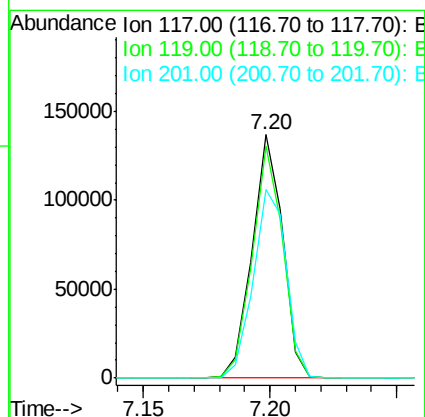
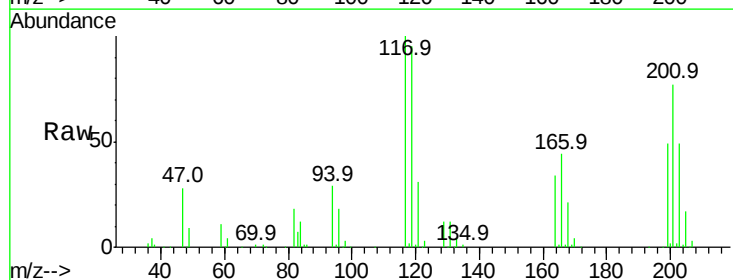
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

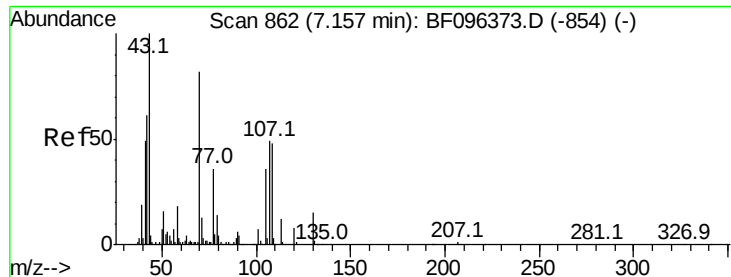
Tot Ion:	107	Resp:	253717
Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.4	140.0
77	41.3	35.8	53.6
79	40.3	34.8	52.2



#18
Hexachloroethane
Concen: 36.862 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion:	117	Resp:	115152
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
201	77.5	94.6	141.8#

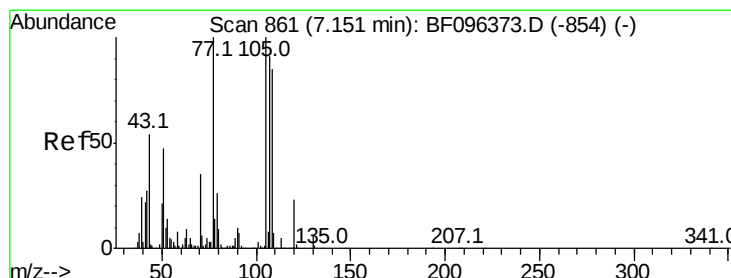
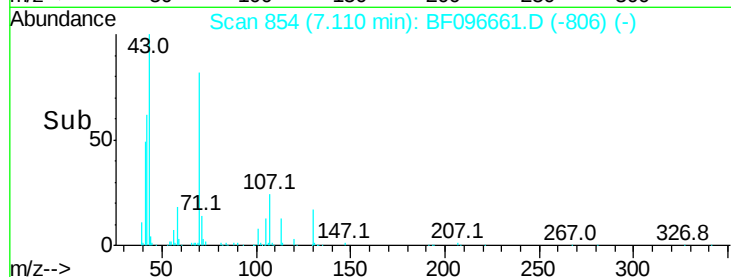
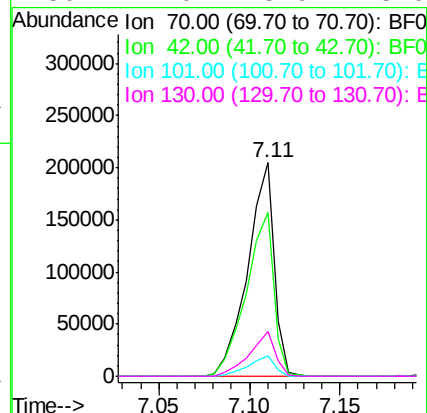
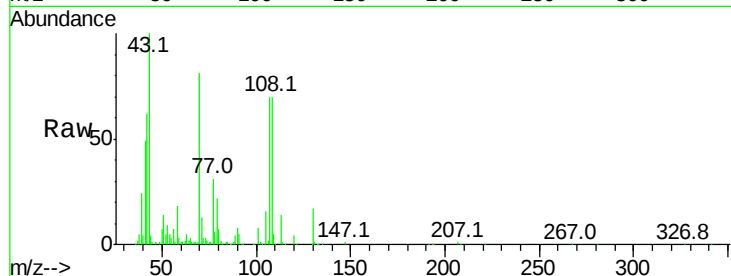




#19
n-Nitroso-di-n-propylamine
Concen: 36.627 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

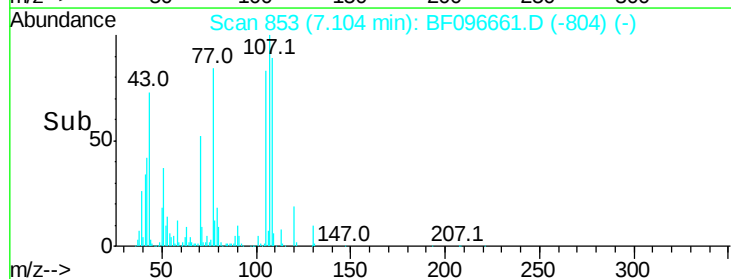
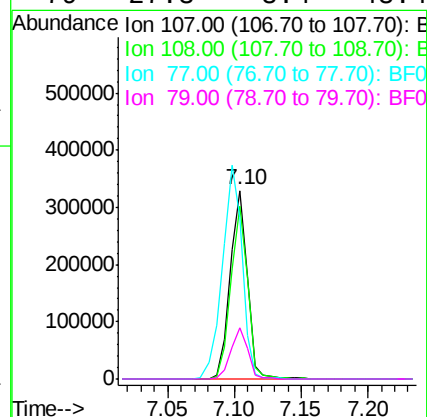
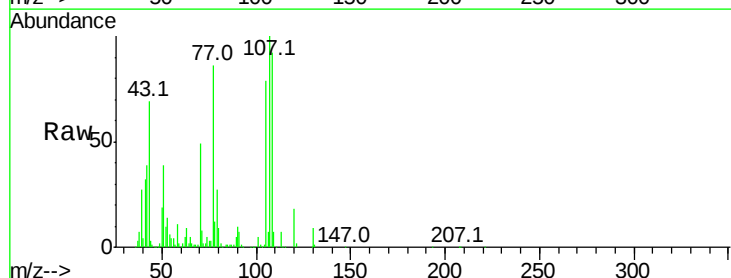
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

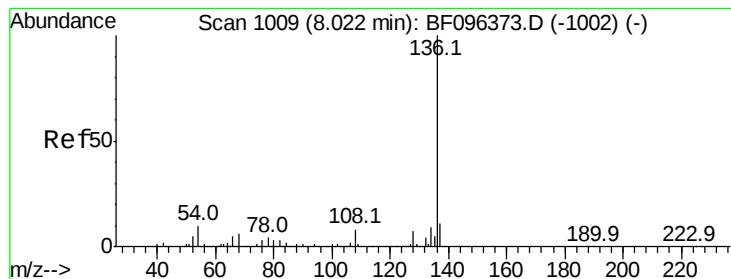
Tot Ion: 70 Resp: 206825
Ion Ratio Lower Upper
70 100
42 76.4 47.2 70.8#
101 9.7 7.2 10.8
130 21.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.187 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion:107 Resp: 301014
Ion Ratio Lower Upper
107 100
108 91.9 71.0 111.0
77 85.9 90.5 130.5#
79 27.3 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

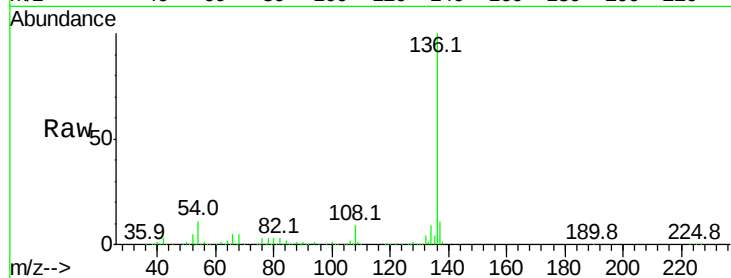
ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 479508

Ion Ratio Lower Upper

136	100		
137	11.2	8.5	12.7
54	10.6	4.9	7.3#
68	5.4	4.1	6.1



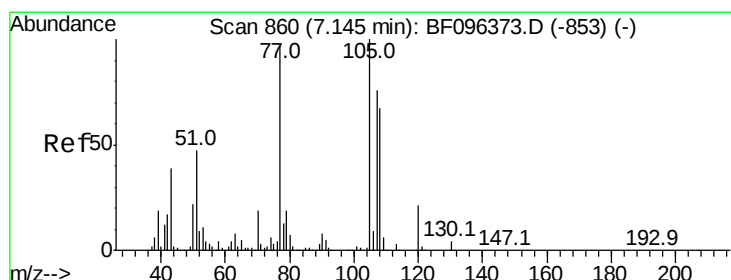
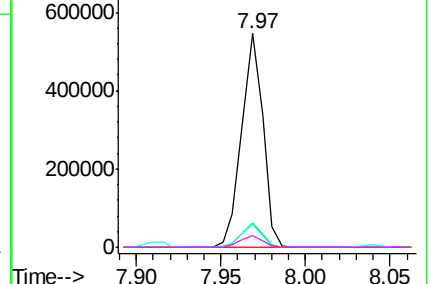
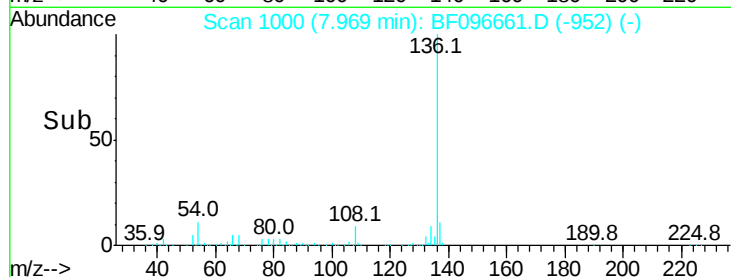
Abundance

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: 39.142 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

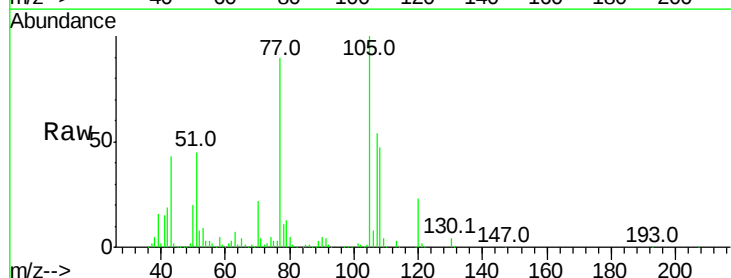
Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Tgt Ion:105 Resp: 410102

Ion Ratio Lower Upper

105	100		
71	4.0	2.8	4.2
51	44.6	30.7	46.1
120	22.7	17.4	26.0



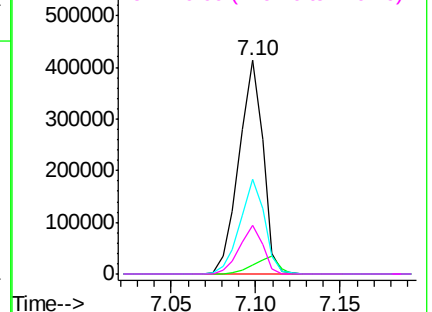
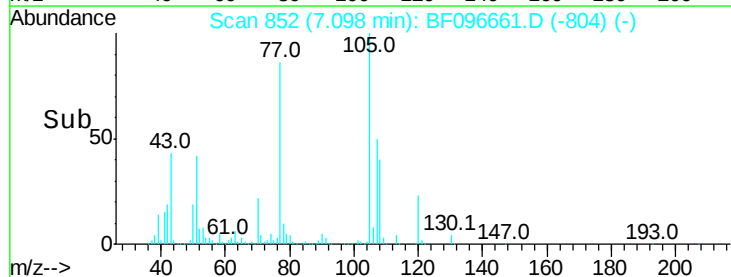
Abundance

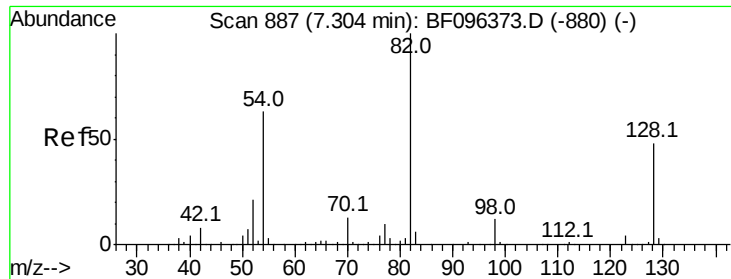
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

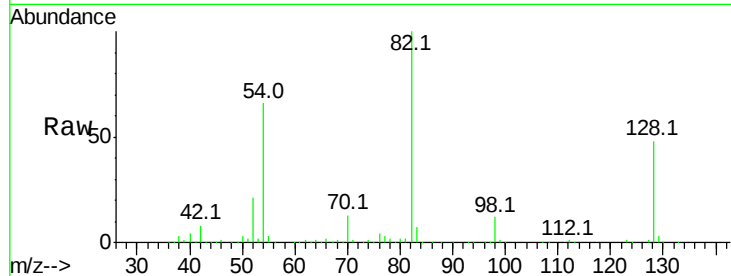




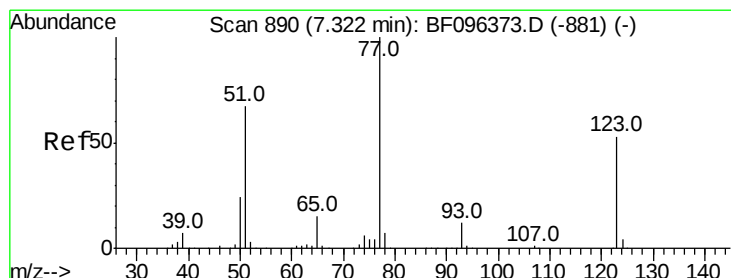
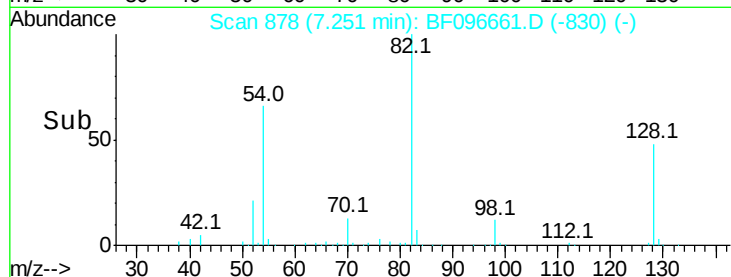
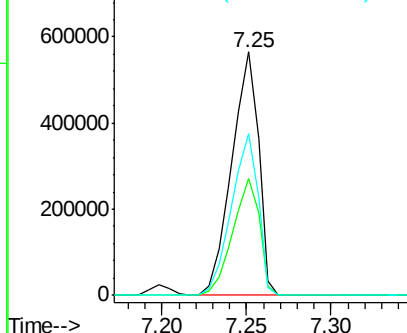
#23
Nitrobenzene-d5
Concen: 78.293 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 624756
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 66.3 42.2 63.2#

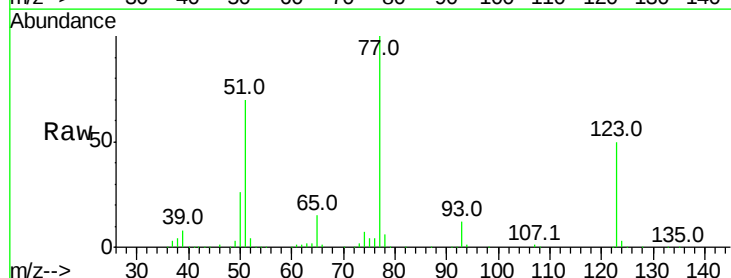


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

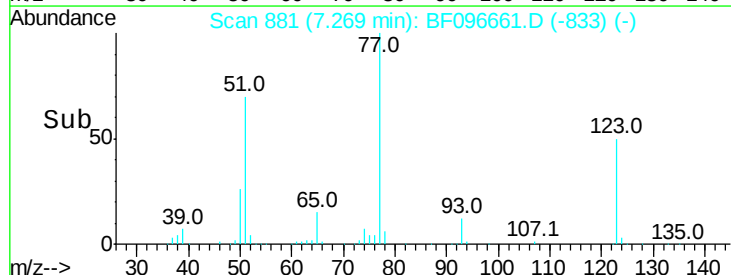
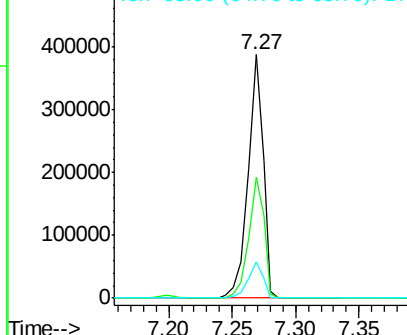


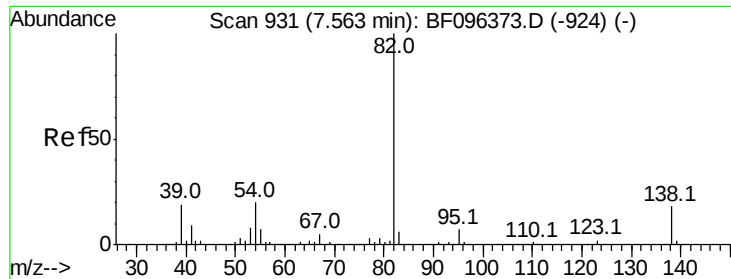
#24
Nitrobenzene
Concen: 38.268 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion: 77 Resp: 320355
Ion Ratio Lower Upper
77 100
123 49.8 35.8 53.8
65 15.0 10.6 15.8



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





#25

Isophorone

Concen: 37.541 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

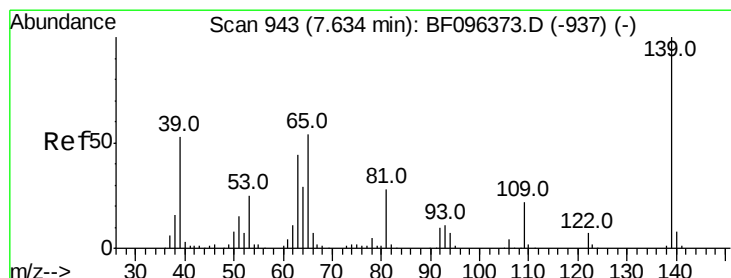
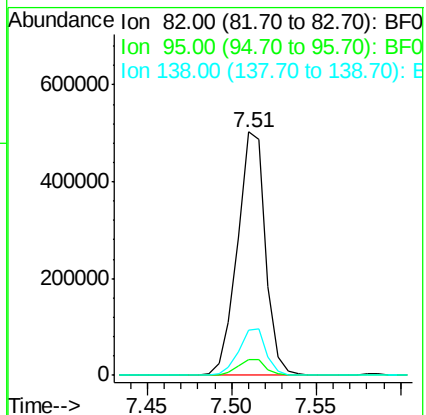
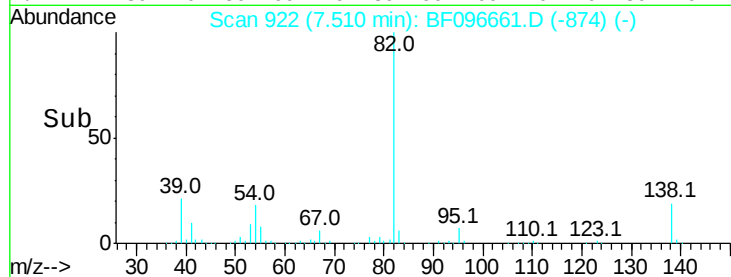
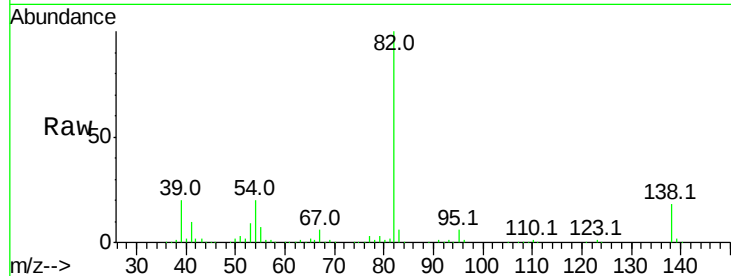
Tot Ion: 82 Resp: 580828

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 38.918 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

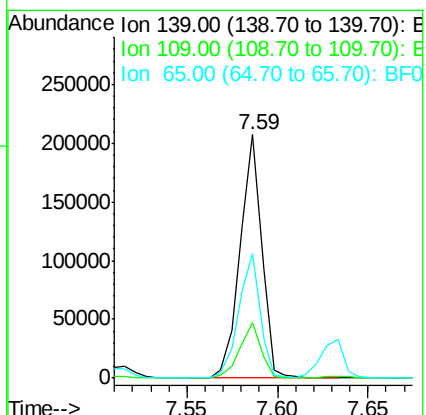
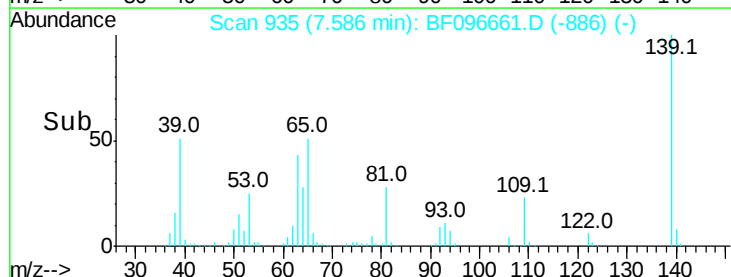
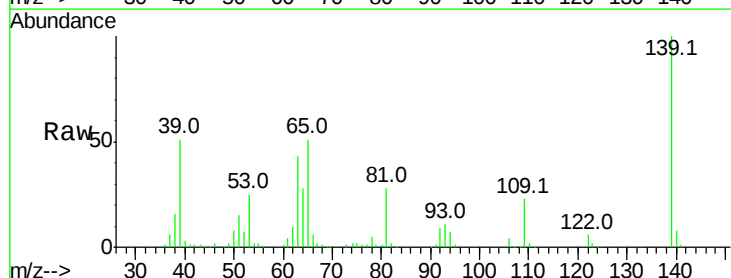
Tgt Ion:139 Resp: 172441

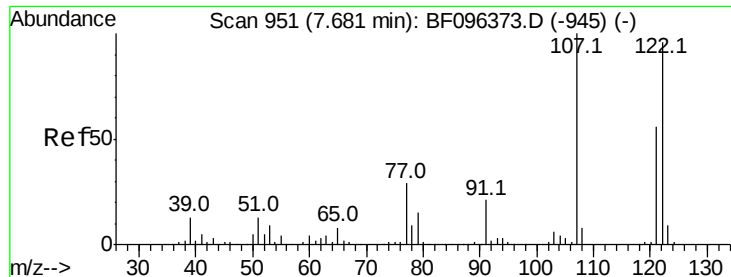
Ion Ratio Lower Upper

139 100

109 22.7 21.0 31.6

65 51.4 33.0 49.6#

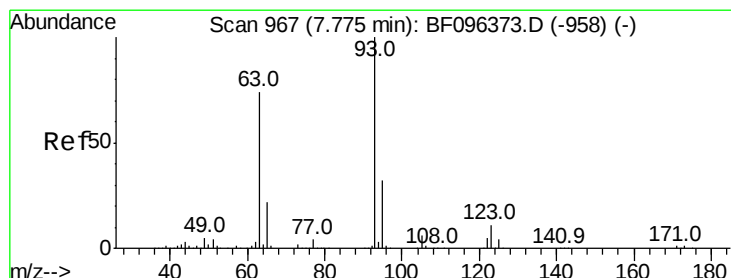
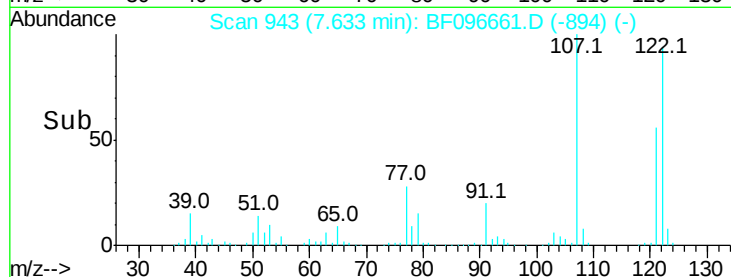
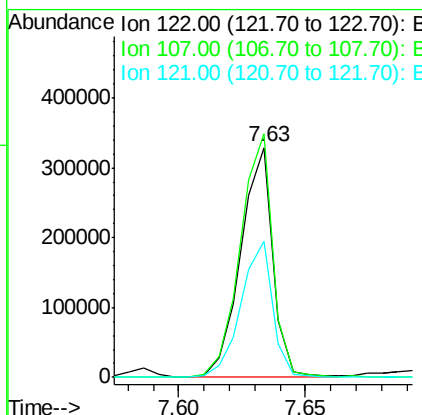
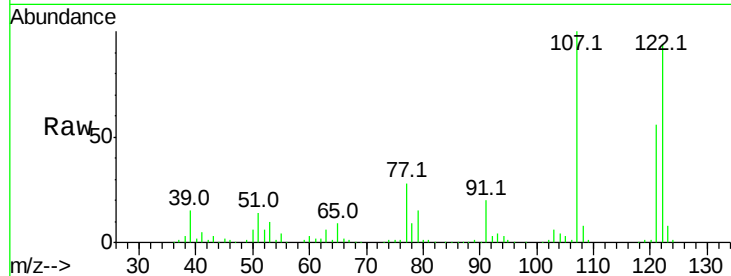




#27
 2,4-Dimethylphenol
 Concen: 38.438 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

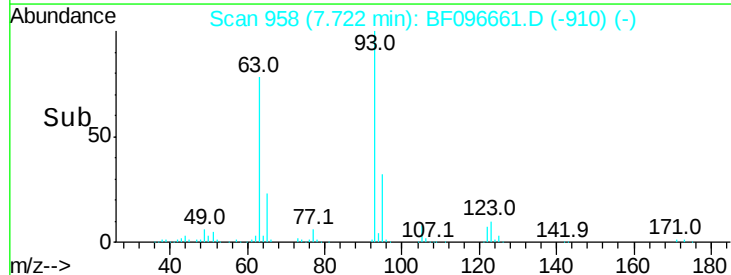
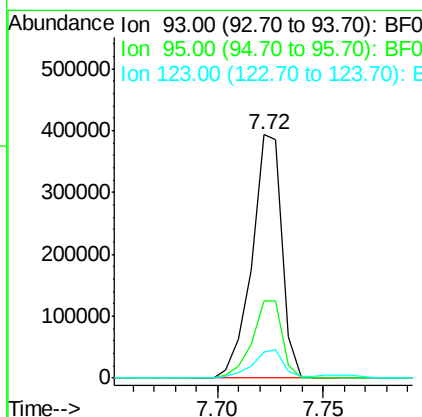
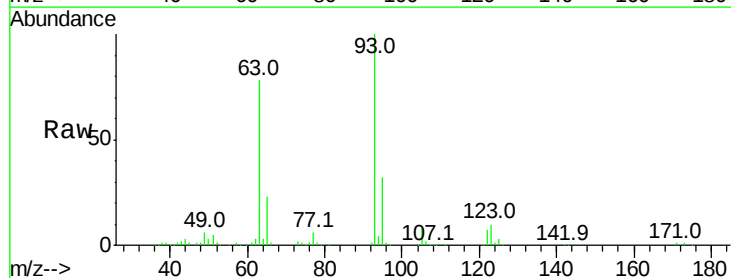
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

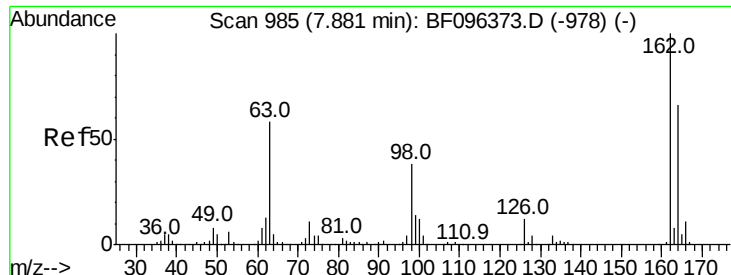
Tot Ion:122 Resp: 289993
 Ion Ratio Lower Upper
 122 100
 107 105.8 89.2 133.8
 121 58.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.108 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion: 93 Resp: 389213
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 10.4 9.0 13.4

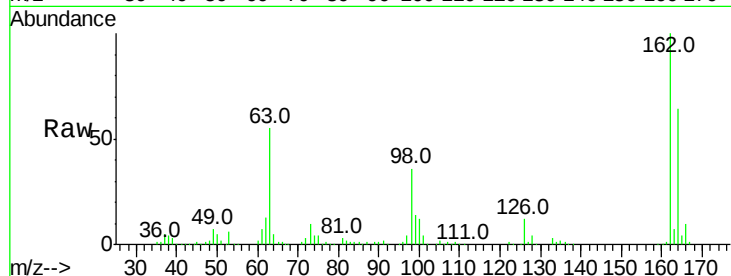




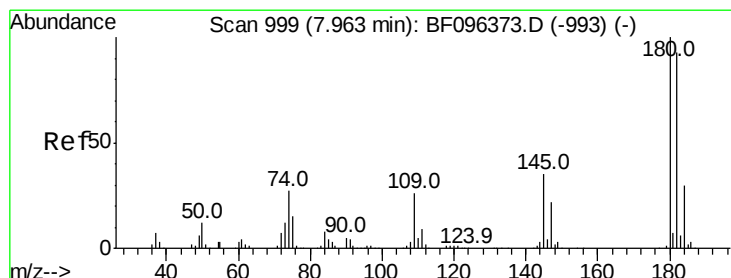
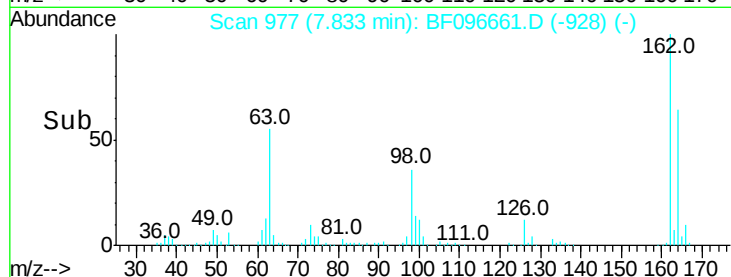
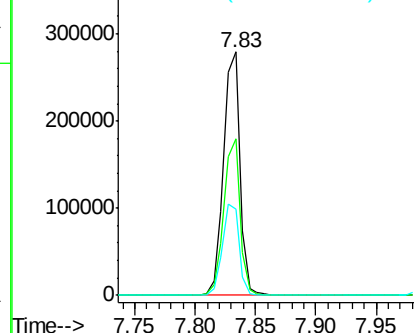
#29
 2,4-Dichlorophenol
 Concen: 40.297 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	35.5	14.8	54.8

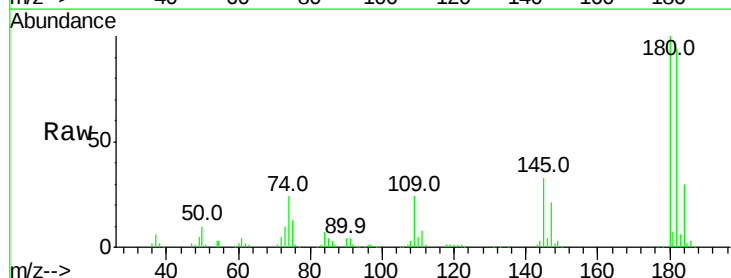


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

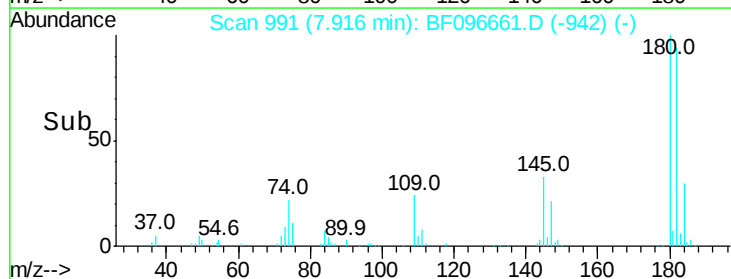
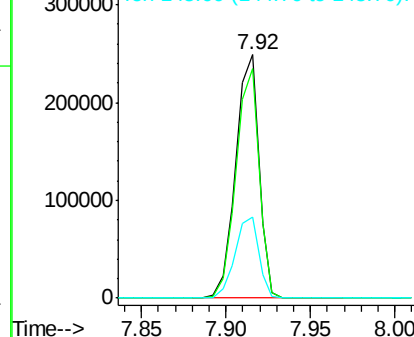


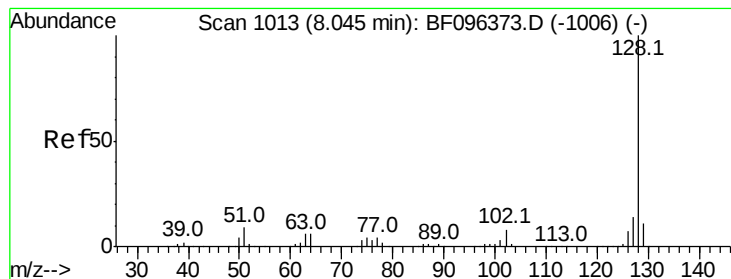
#30
 1,2,4-Trichlorobenzene
 Concen: 38.535 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	33.3	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: 39.875 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

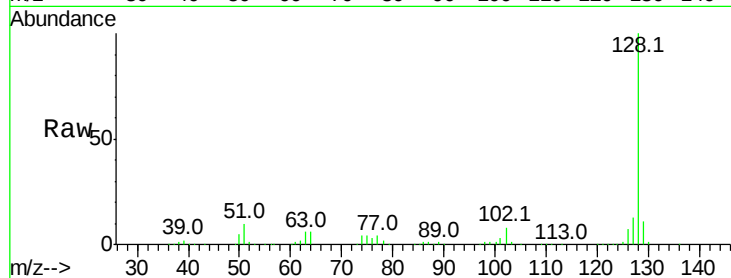
Tot Ion:128 Resp: 902648

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

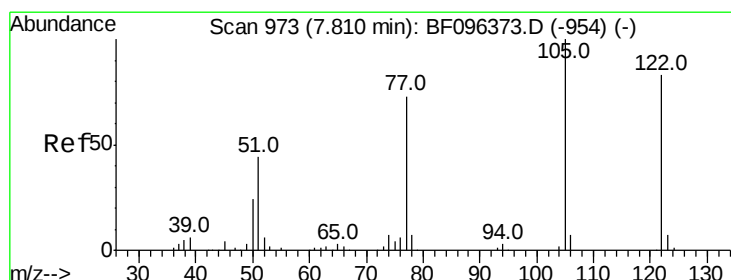
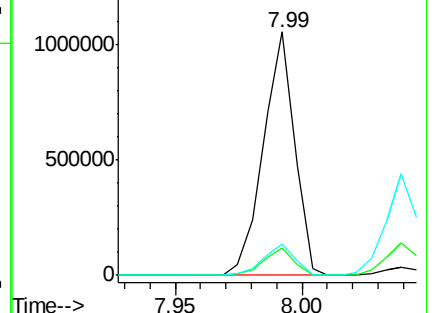
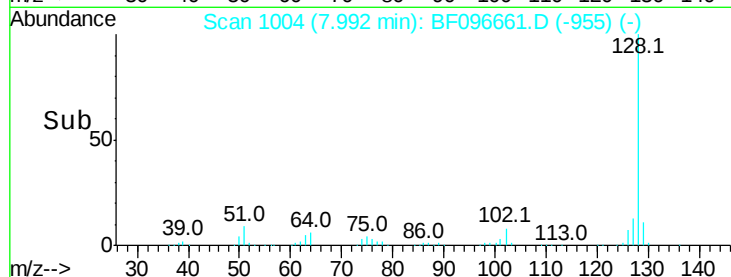
127 13.0 10.8 16.2



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: 27.416 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

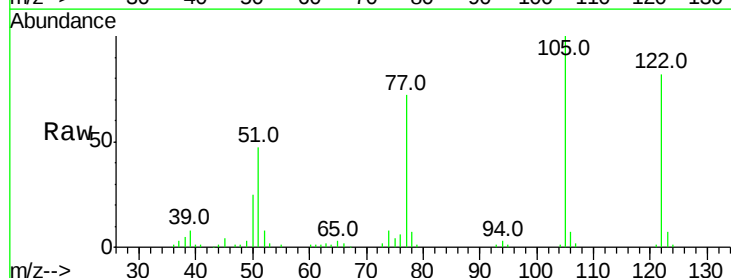
Tgt Ion:122 Resp: 173713

Ion Ratio Lower Upper

122 100

105 121.3 103.3 143.3

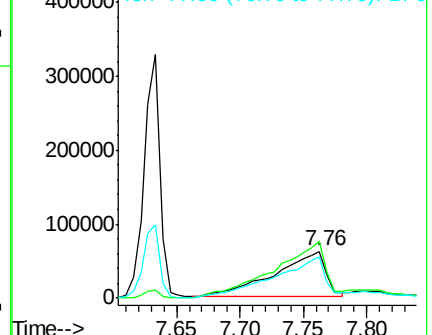
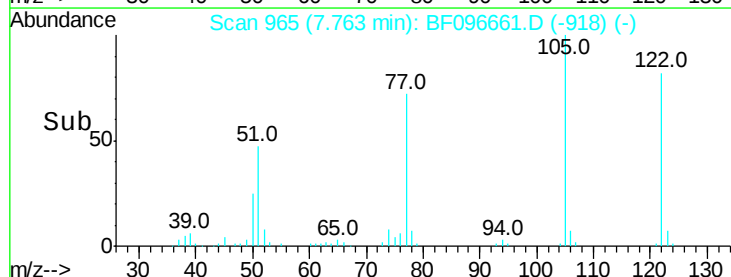
77 87.4 73.7 113.7

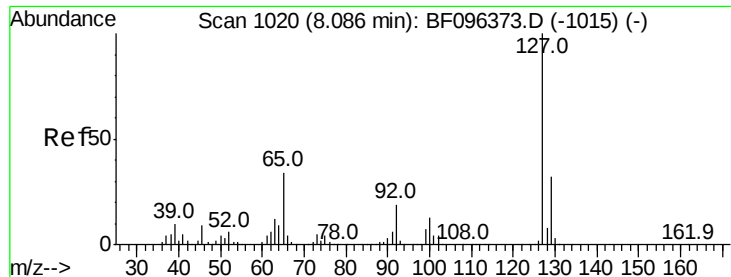


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

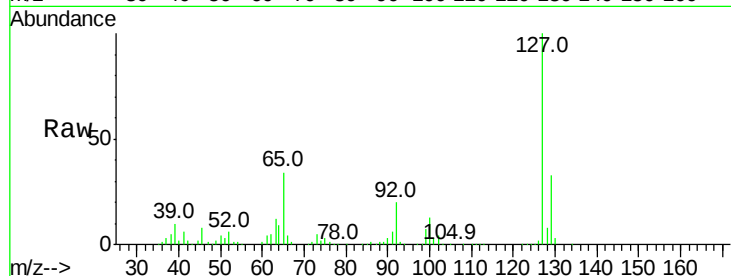




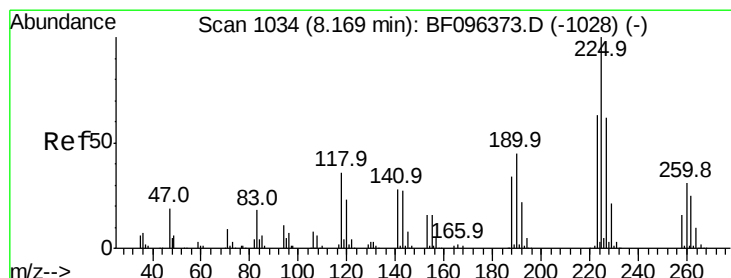
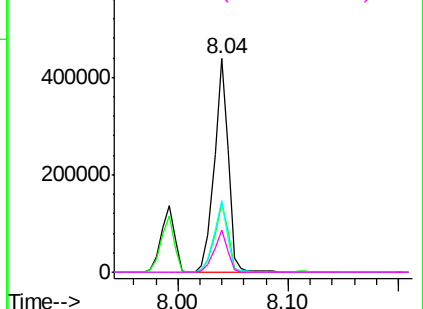
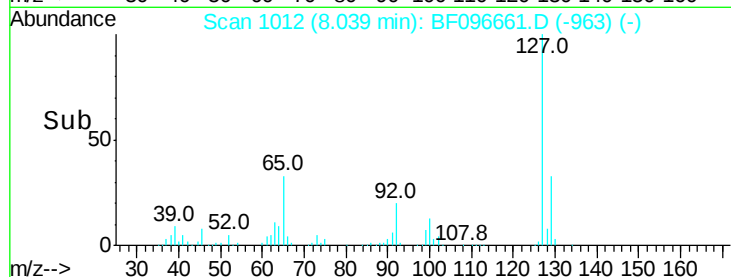
#33
4-Chloroaniline
Concen: 40.340 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	379309
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	33.6	27.8	41.8
92	19.7	16.8	25.2

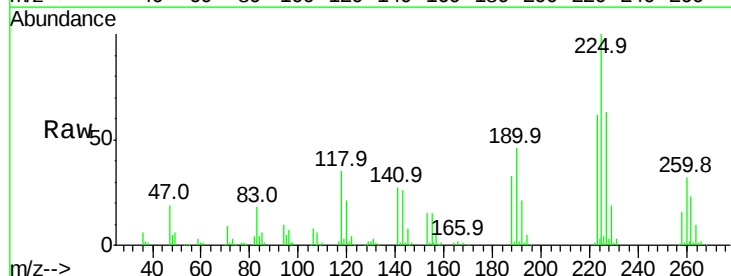


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

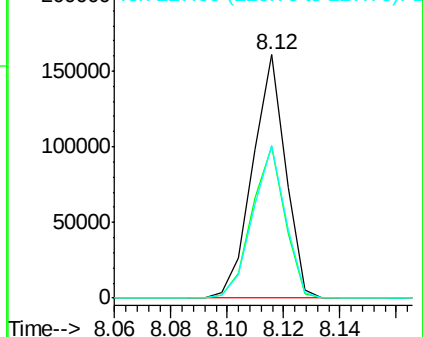
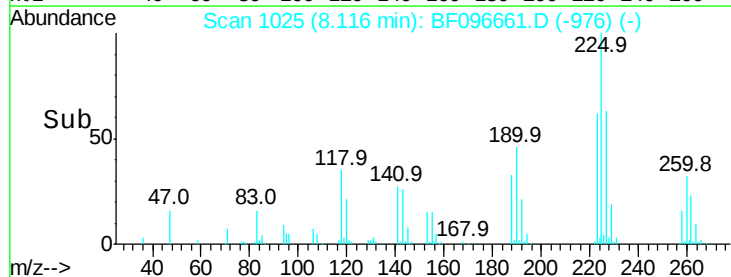


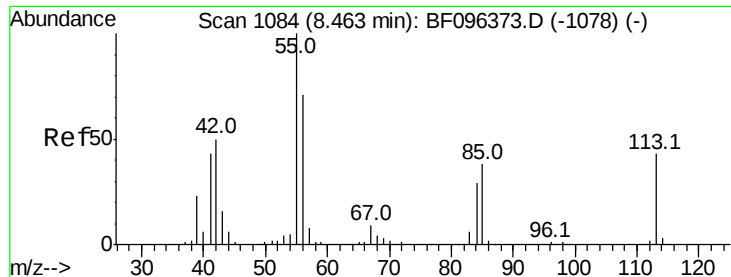
#34
Hexachlorobutadiene
Concen: 41.070 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion:	225	Resp:	129343
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	62.9	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

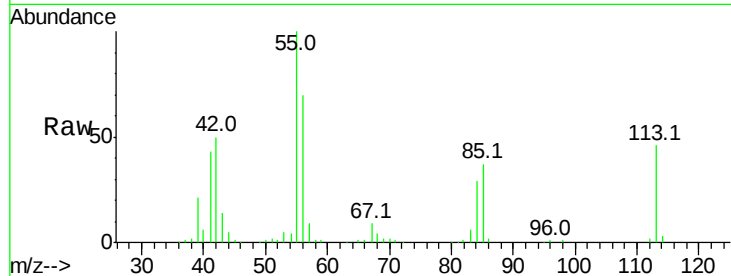




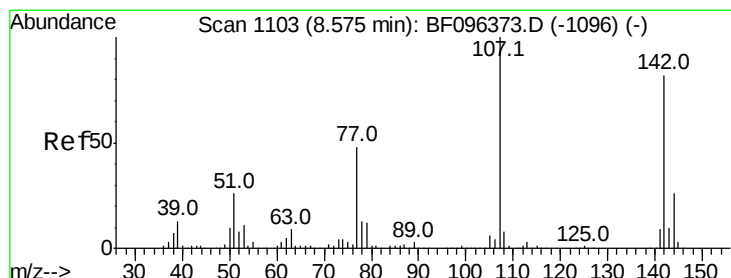
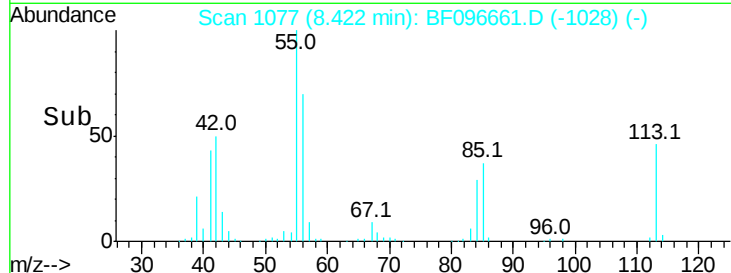
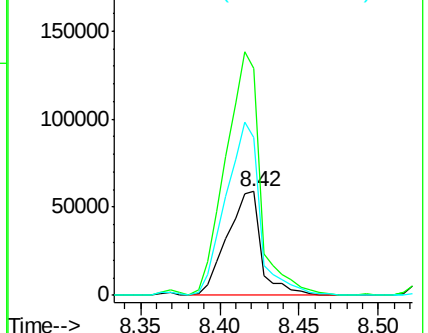
#35
 Caprolactam
 Concen: 39.236 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 88070
 Ion Ratio Lower Upper
 113 100
 55 219.5 150.2 190.2#
 56 152.6 107.8 147.8#

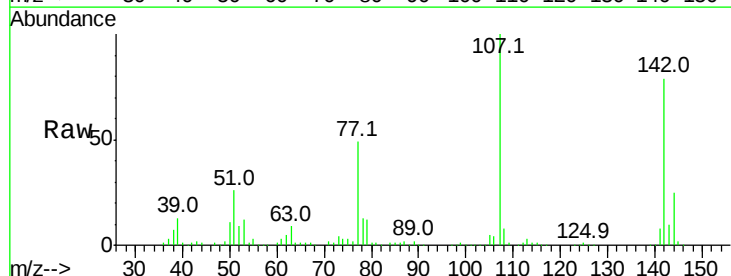


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

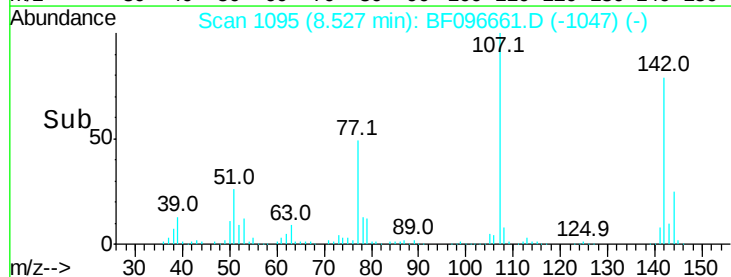
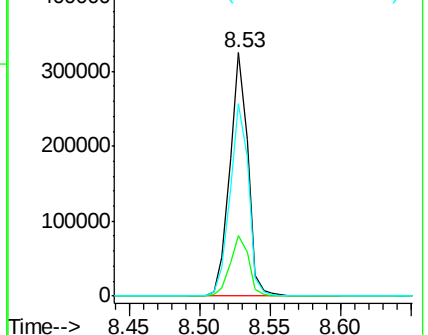


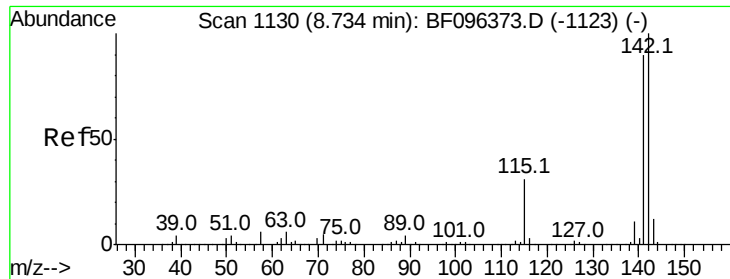
#36
 4-Chloro-3-methylphenol
 Concen: 40.191 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion:107 Resp: 289477
 Ion Ratio Lower Upper
 107 100
 144 25.1 24.2 36.4
 142 79.0 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

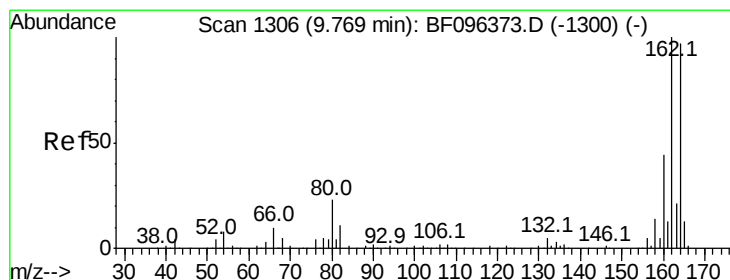
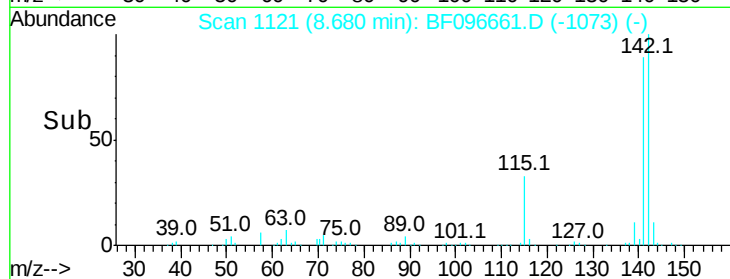
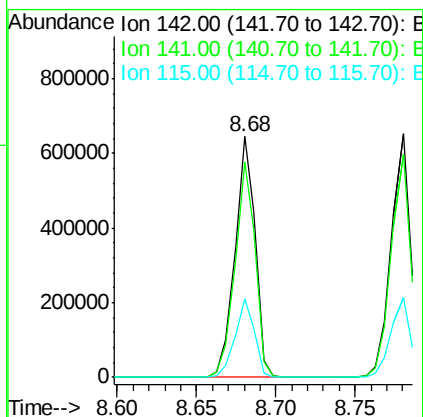
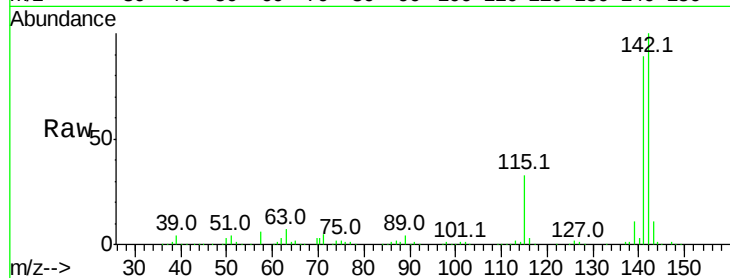




#37
 2-Methylnaphthalene
 Concen: 39.443 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

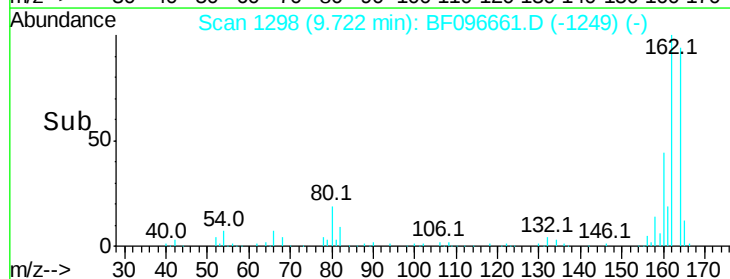
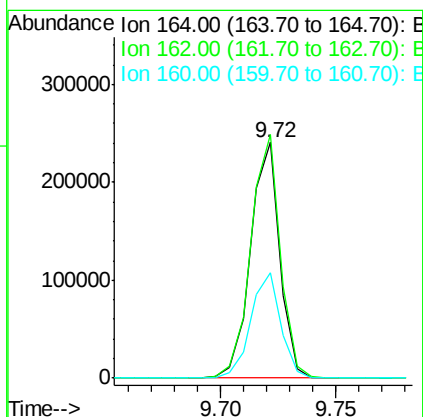
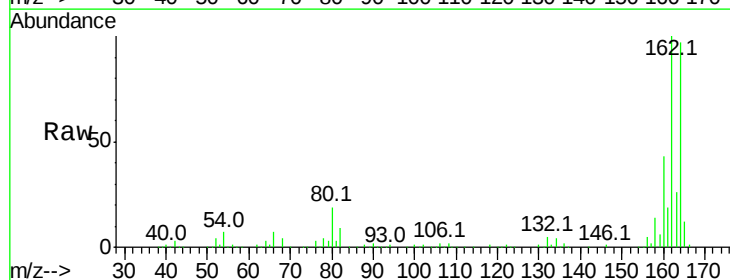
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

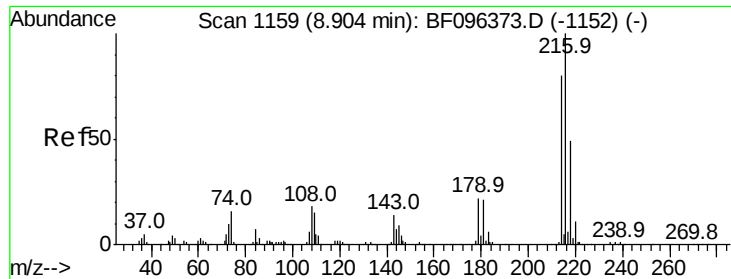
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	32.8	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	44.9	36.2	54.2

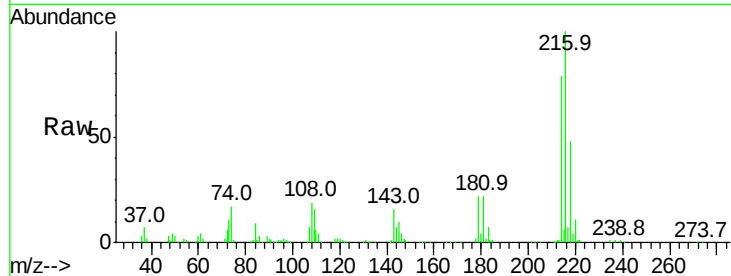




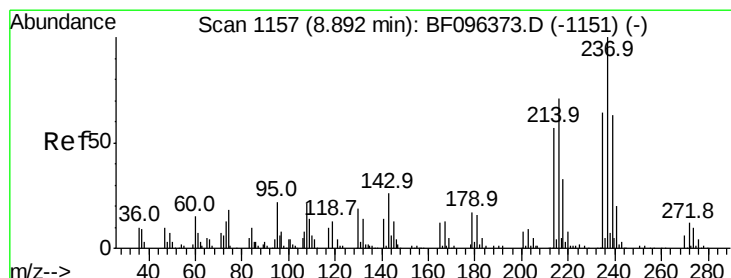
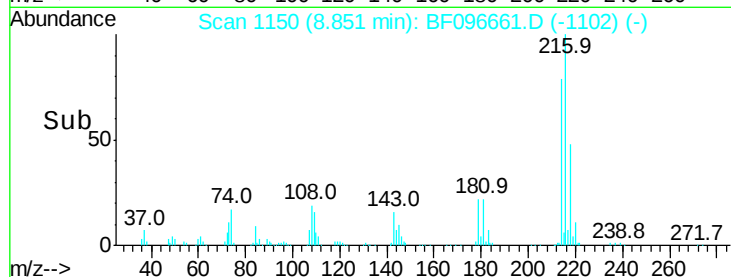
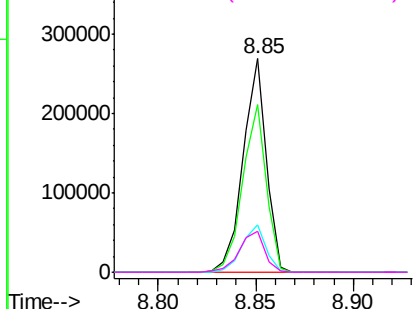
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.112 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	221586
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	22.9	17.9	26.9
108	21.0	16.5	24.7

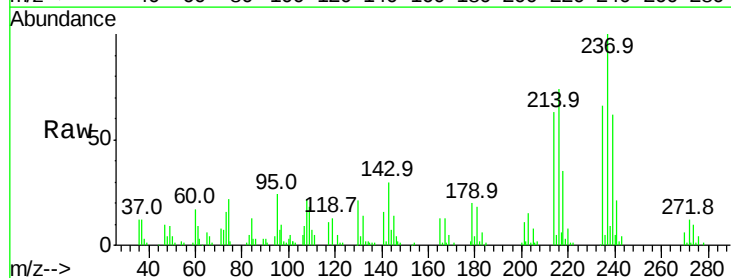


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

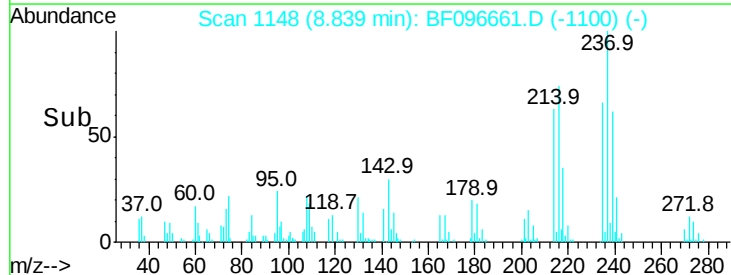
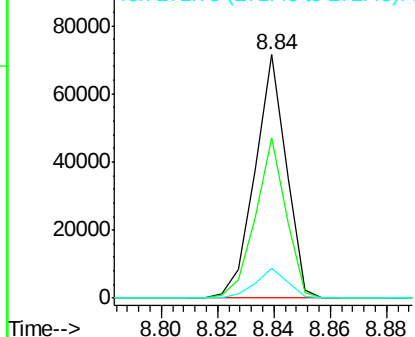


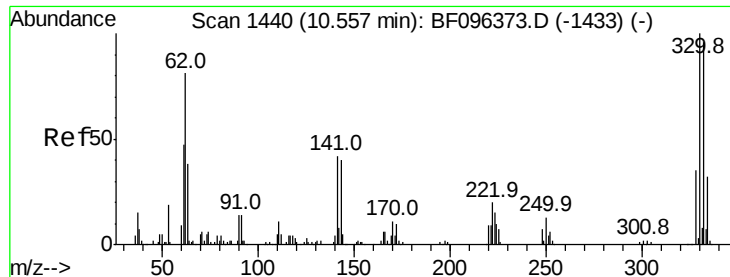
#40
 Hexachlorocyclopentadiene
 Concen: 20.494 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion:	237	Resp:	55048
Ion	Ratio	Lower	Upper
237	100		
235	65.8	42.6	82.6
272	12.4	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

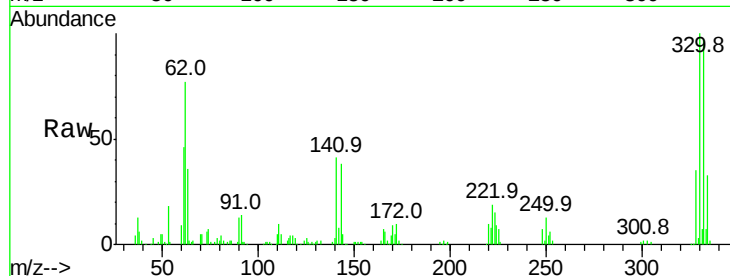




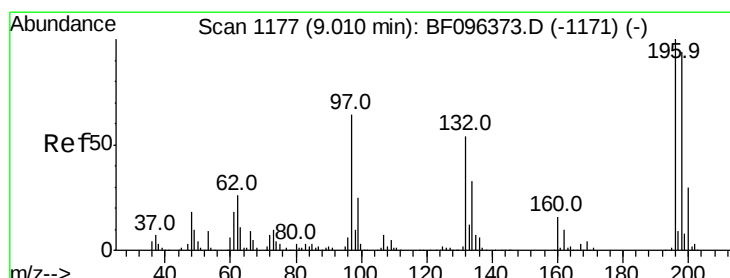
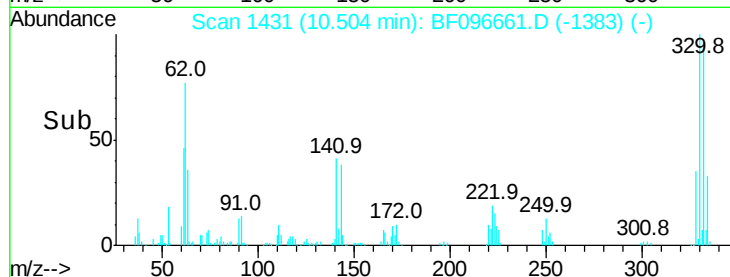
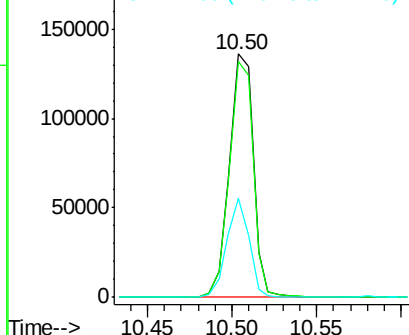
#41
 2,4,6-Tribromophenol
 Concen: 80.639 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:330 Resp: 134012
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 38.1 31.4 47.2

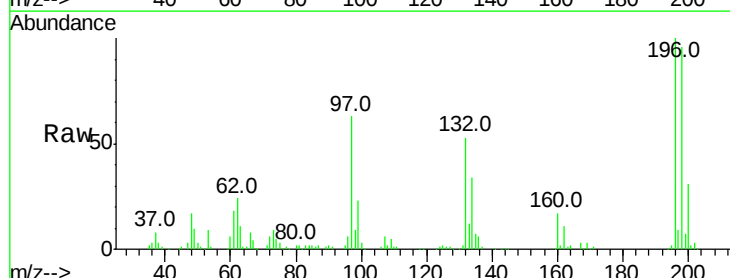


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

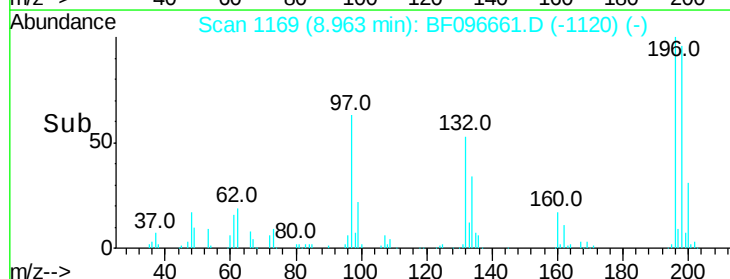
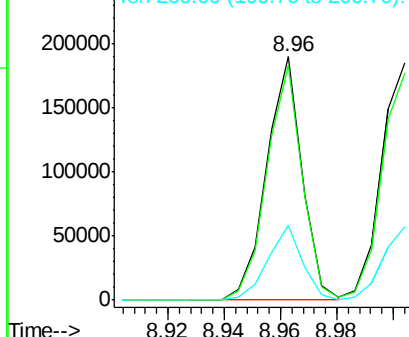


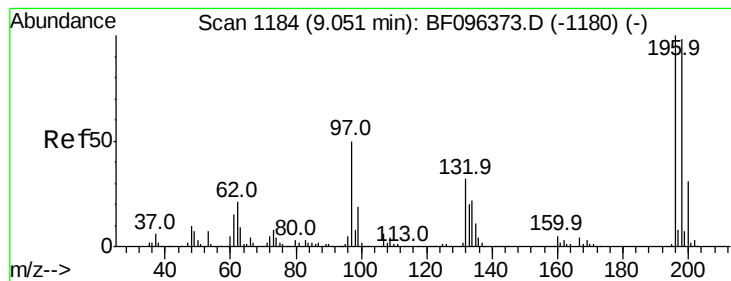
#42
 2,4,6-Trichlorophenol
 Concen: 37.836 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion:196 Resp: 165349
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.2 111.4
 200 30.8 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: 39.061 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 168778

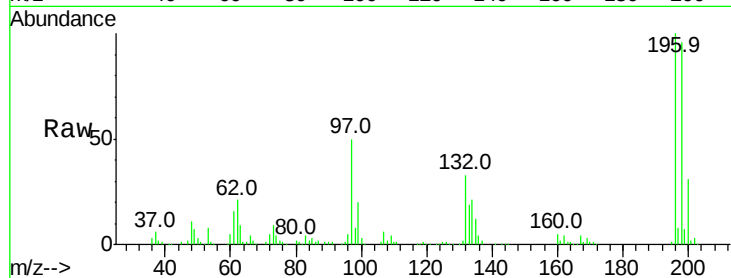
Ion Ratio Lower Upper

196 100

198 95.8 75.7 113.5

97 50.2 47.7 71.5

132 32.6 28.0 42.0

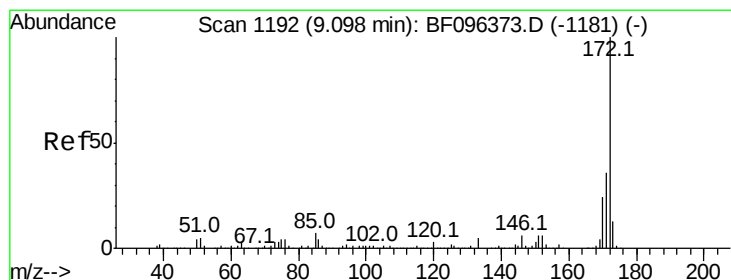
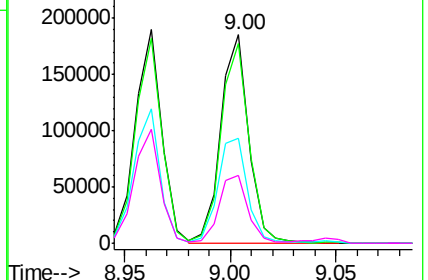
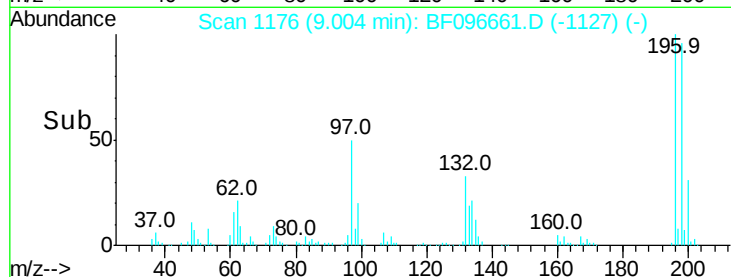


Abundance Ion 196.00 (195.70 to 196.70): E

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: 81.390 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

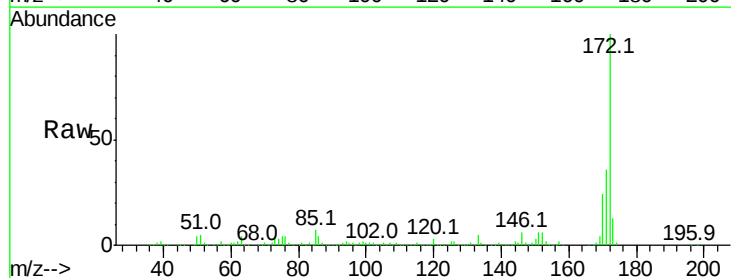
Tgt Ion:172 Resp: 1012785

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

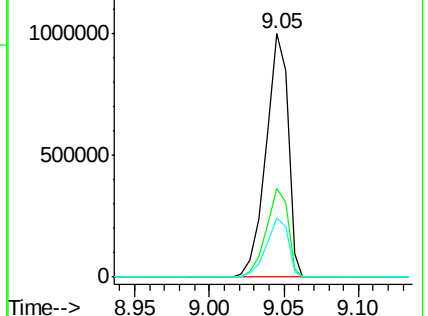
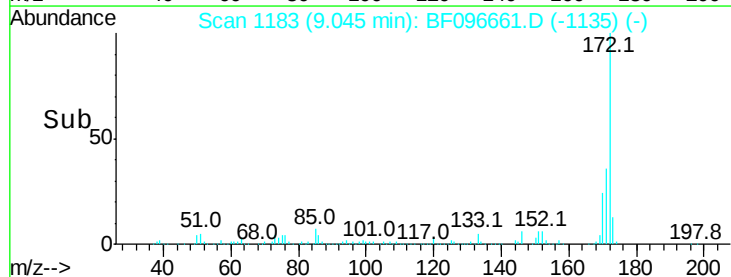
170 24.3 19.8 29.8

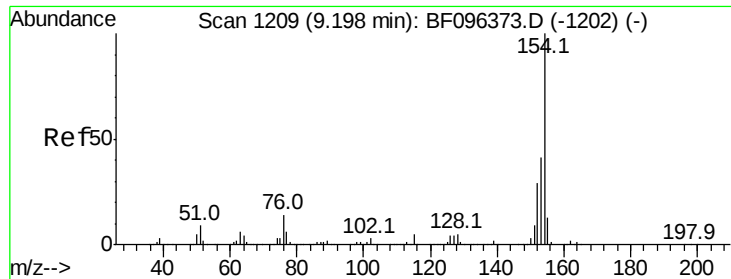


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.581 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

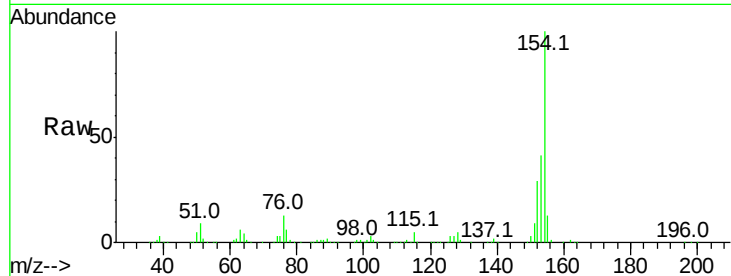
Tot Ion:154 Resp: 721526

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

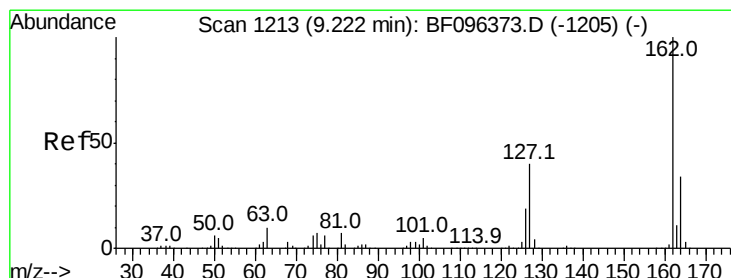
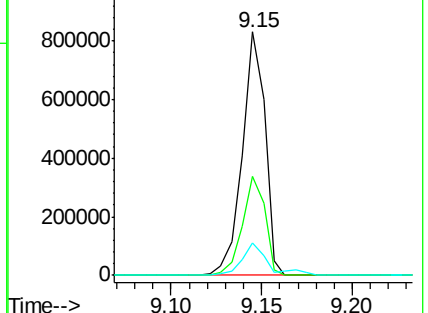
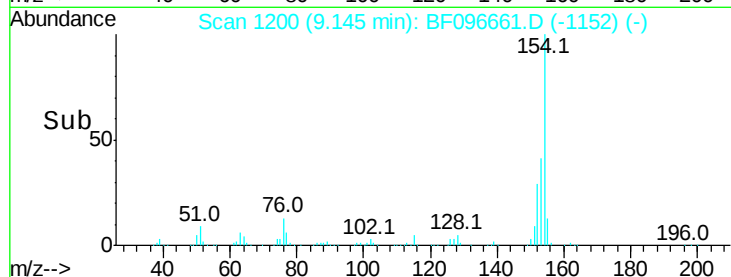
76 13.2 0.0 29.9



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: 39.420 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

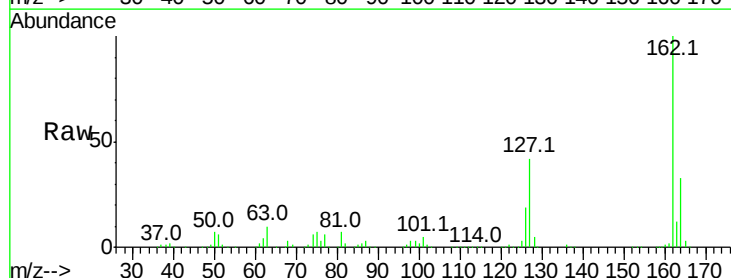
Tgt Ion:162 Resp: 535525

Ion Ratio Lower Upper

162 100

127 41.9 28.3 42.5

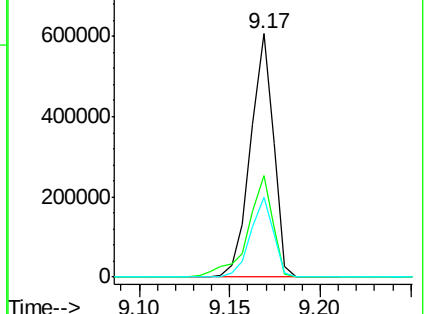
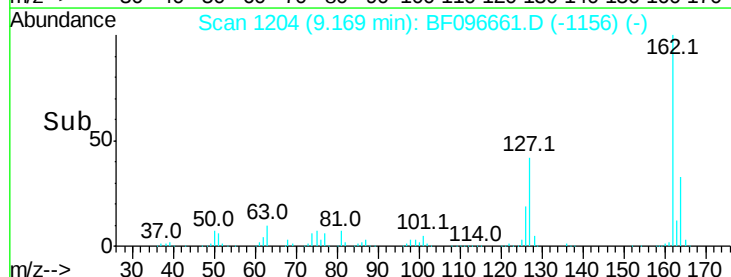
164 32.9 27.0 40.4

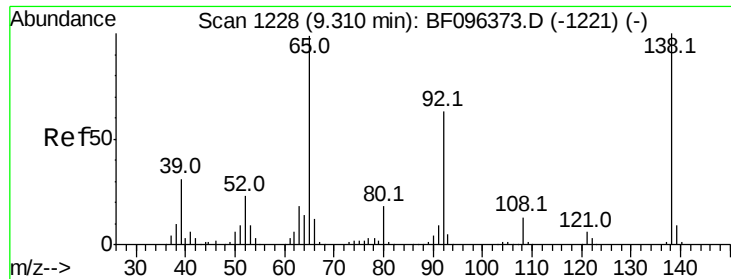


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

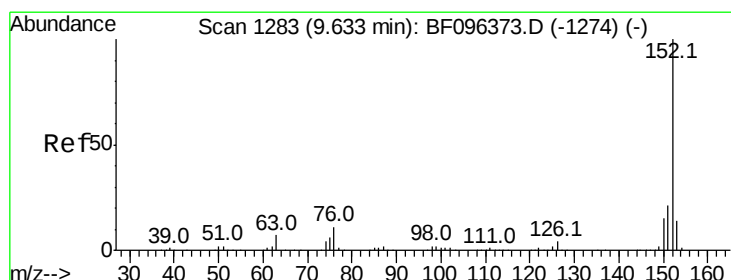
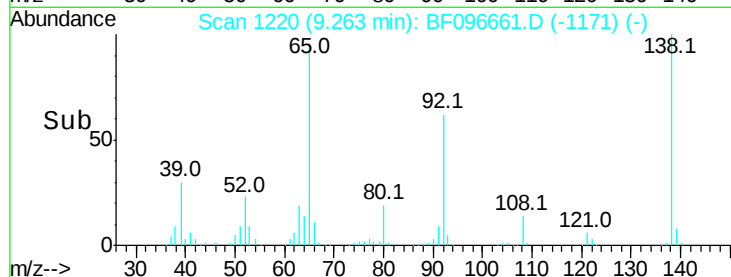
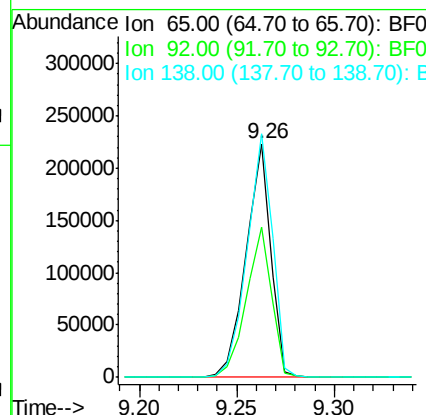
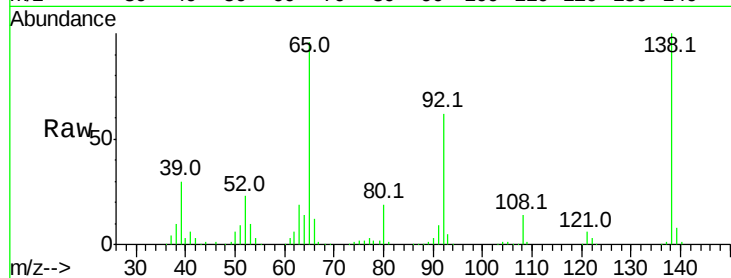




#47
 2-Nitroaniline
 Concen: 39.997 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

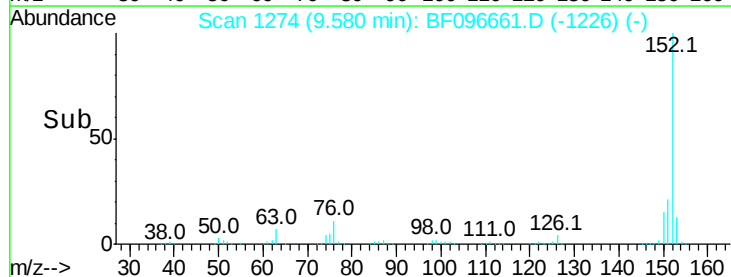
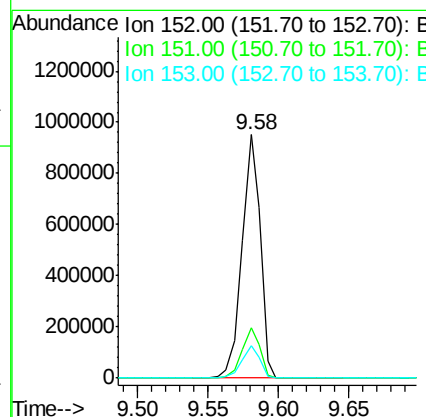
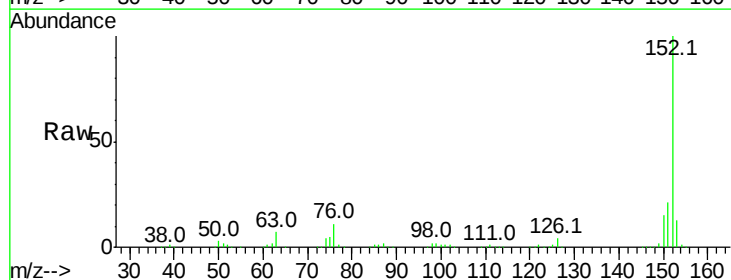
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

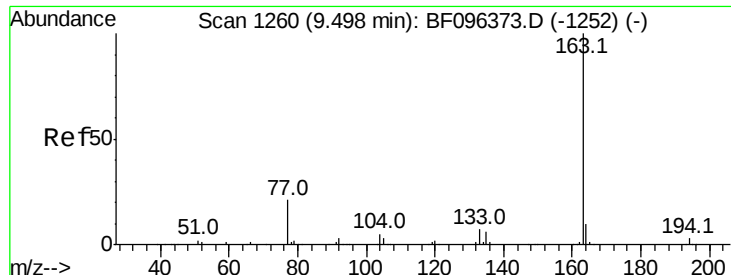
Tot Ion: 65 Resp: 197713
 Ion Ratio Lower Upper
 65 100
 92 64.4 53.9 80.9
 138 104.1 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.612 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion: 152 Resp: 852705
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.2 10.8 16.2

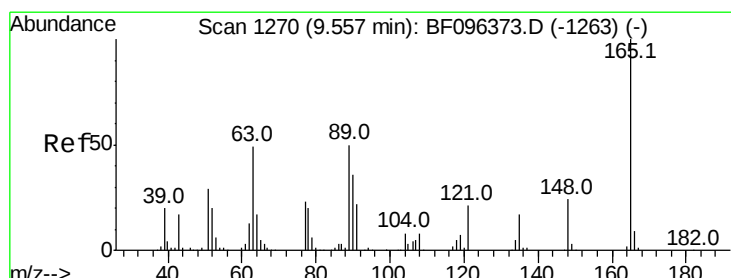
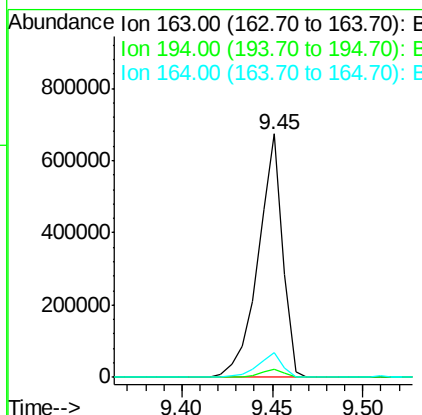
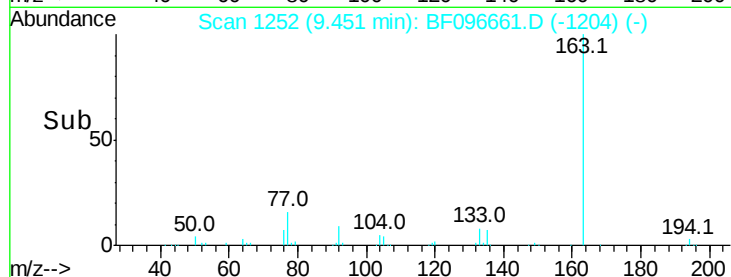
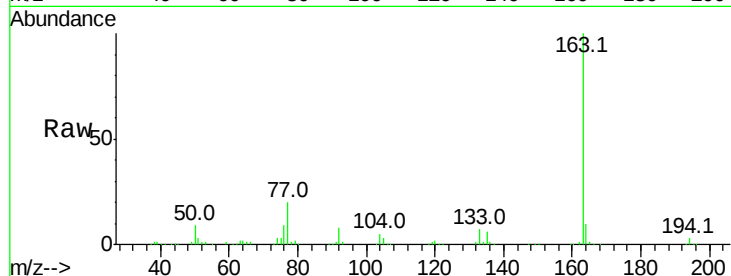




#49
 Dimethylphthalate
 Concen: 39.582 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

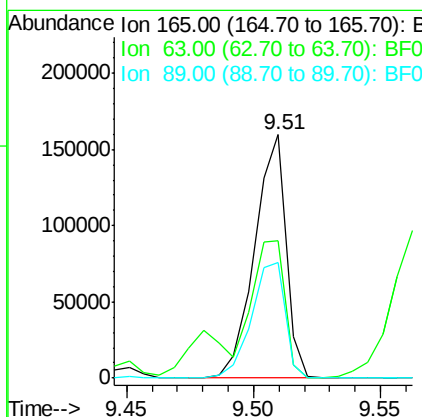
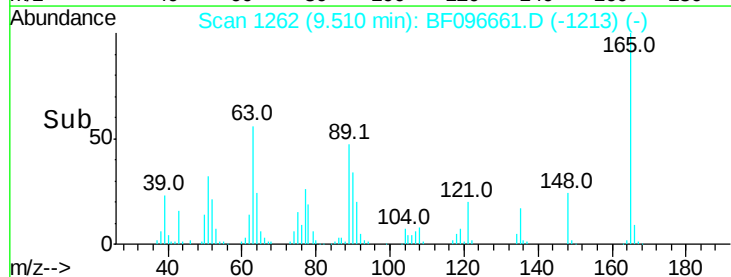
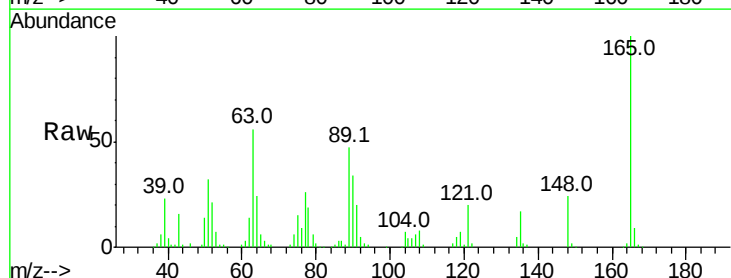
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

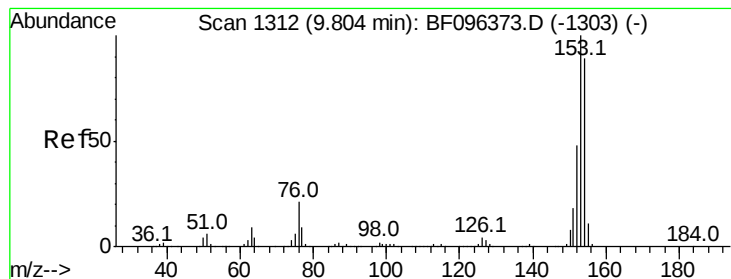
Tot Ion:163	Resp: 628649
Ion Ratio	Lower Upper
163 100	
194 3.1	2.6 4.0
164 10.1	8.4 12.6



#50
 2,6-Dinitrotoluene
 Concen: 39.390 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion	Ion:165	Resp:	138343
	Ratio	Lower	Upper
165	100		
63	56.4	34.3	51.5#
89	47.5	37.1	55.7





#51

Acenaphthene

Concen: 36.728 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

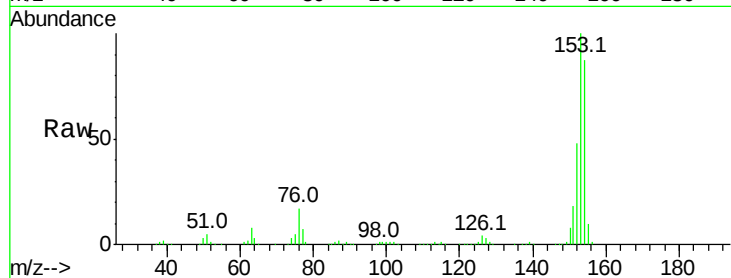
Tot Ion:154 Resp: 487340

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

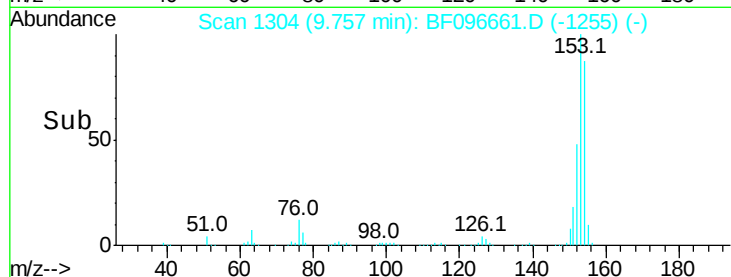
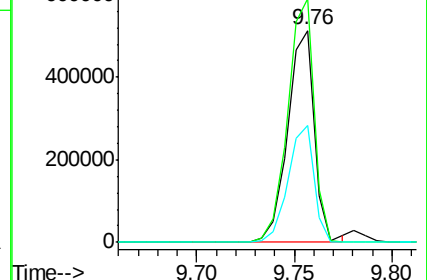
152 55.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.850 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

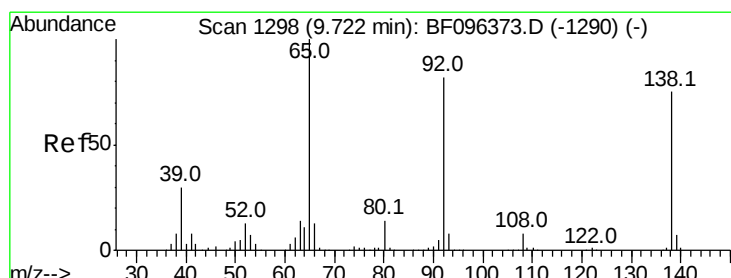
Tgt Ion:138 Resp: 178946

Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

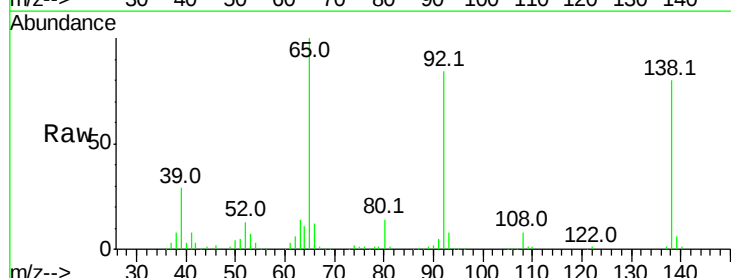
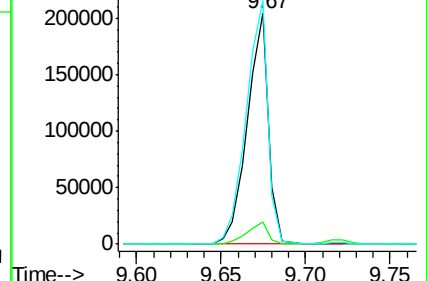
92 105.6 93.8 140.6



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

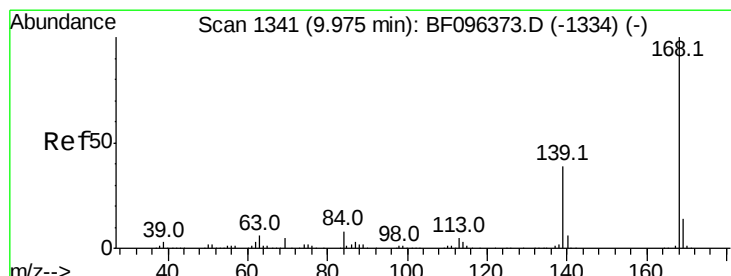
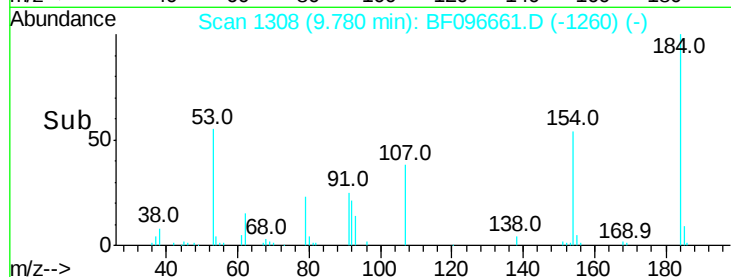
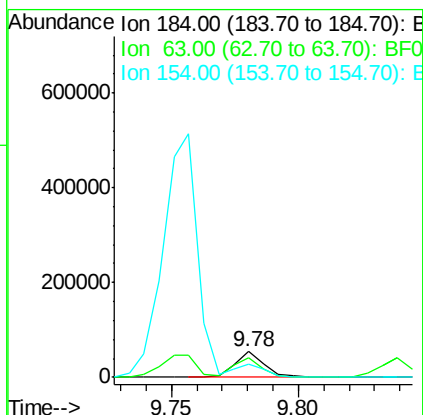
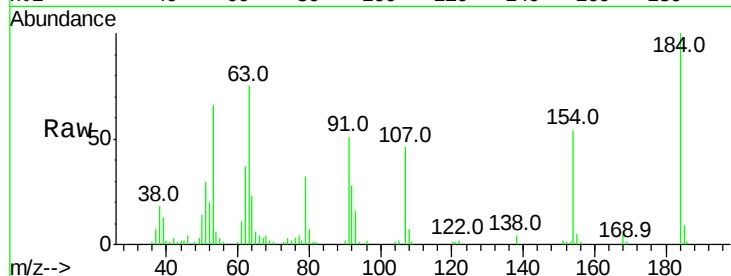




#53
 2,4-Dinitrophenol
 Concen: 23.547 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

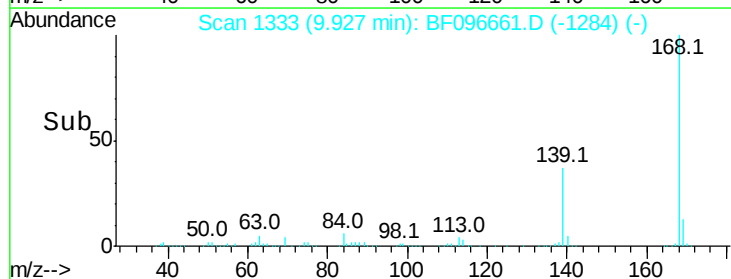
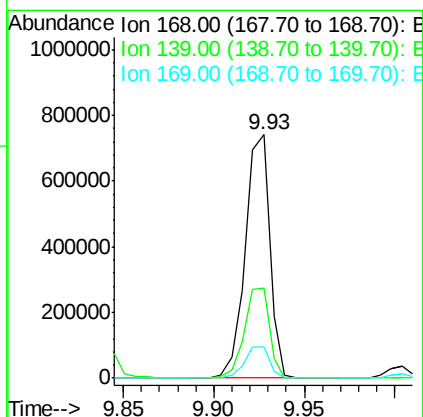
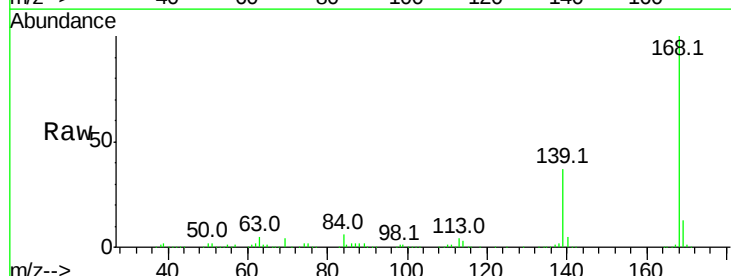
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

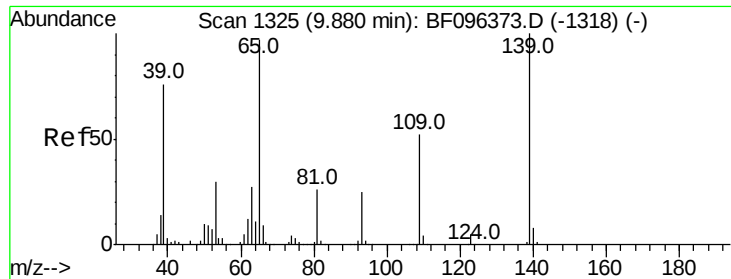
Tot Ion:184 Resp: 43925
 Ion Ratio Lower Upper
 184 100
 63 75.5 62.7 94.1
 154 53.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.830 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion:168 Resp: 697770
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.6 45.8
 169 12.6 10.8 16.2

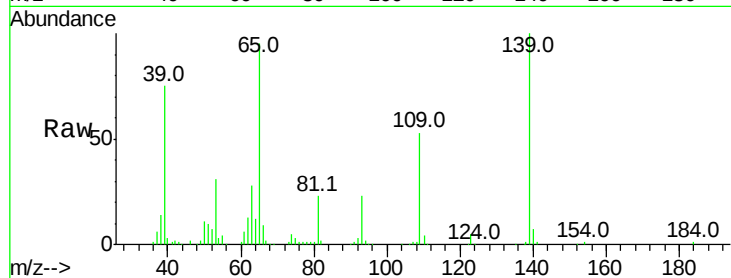




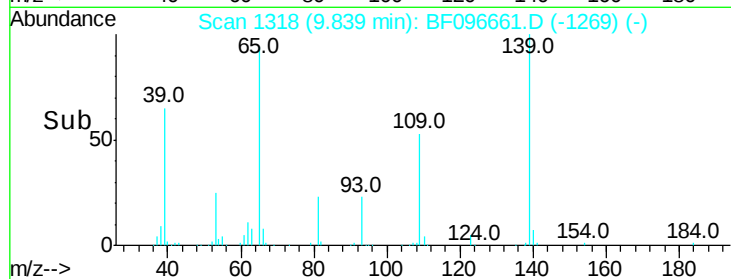
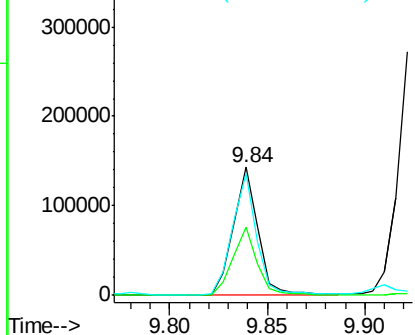
#55
4-Nitrophenol
Concen: 34.910 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 126753
Ion Ratio Lower Upper
139 100
109 53.1 34.1 74.1
65 95.5 31.4 71.4#



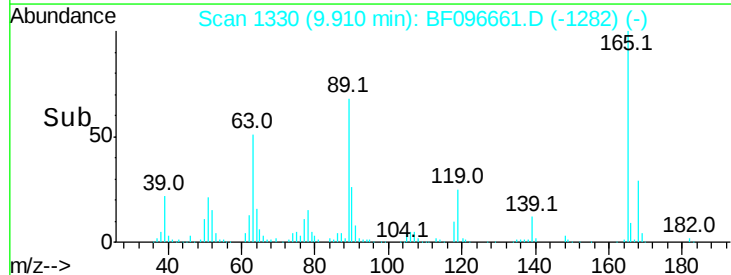
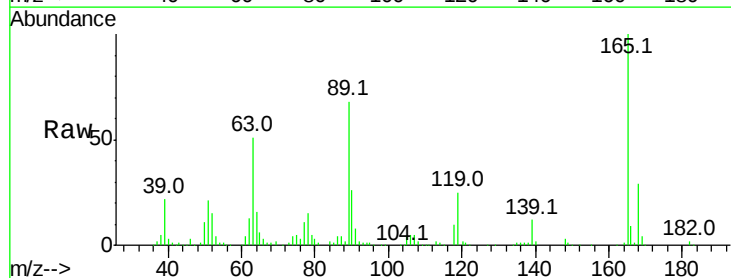
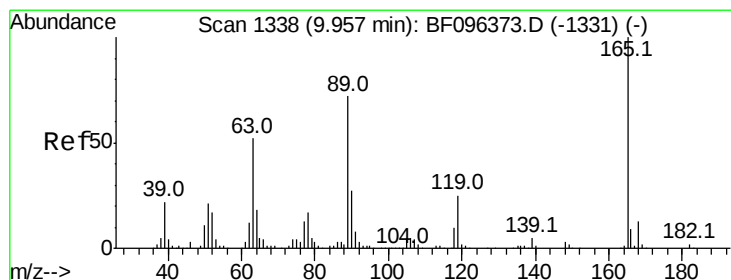
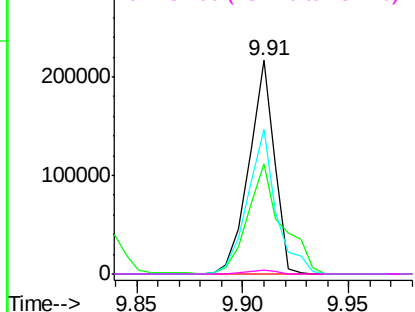
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

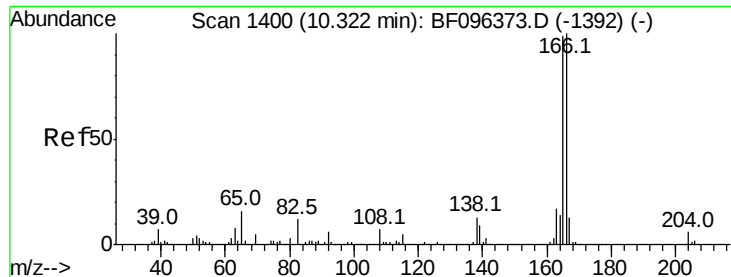


#56
2,4-Dinitrotoluene
Concen: 40.850 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion:165 Resp: 181689
Ion Ratio Lower Upper
165 100
63 51.4 25.4 38.0#
89 67.8 46.4 69.6
182 2.0 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

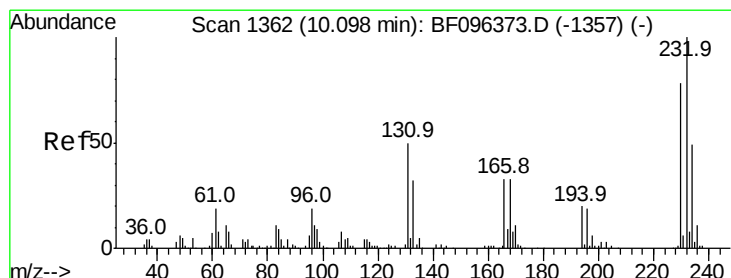
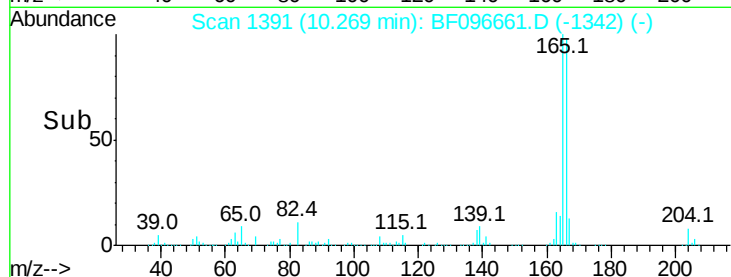
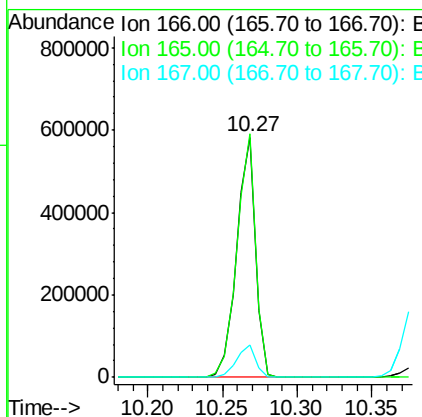
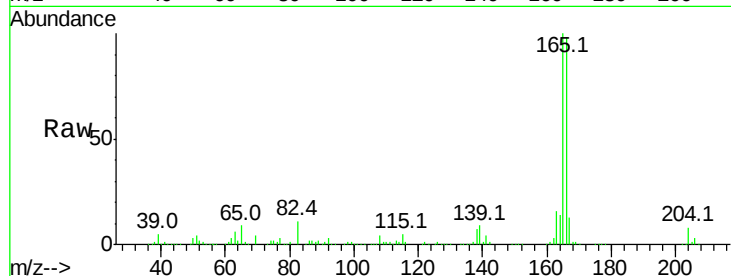




#57
 Fluorene
 Concen: 41.773 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

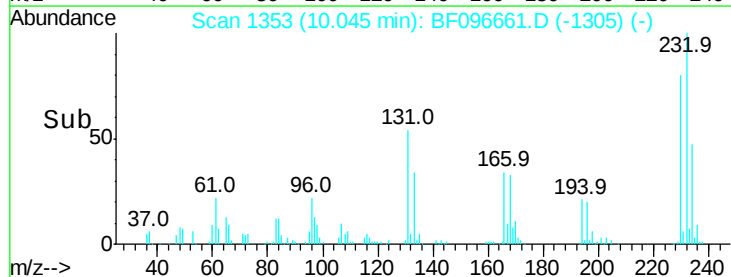
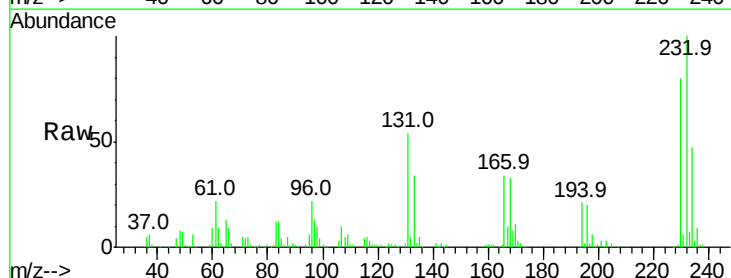
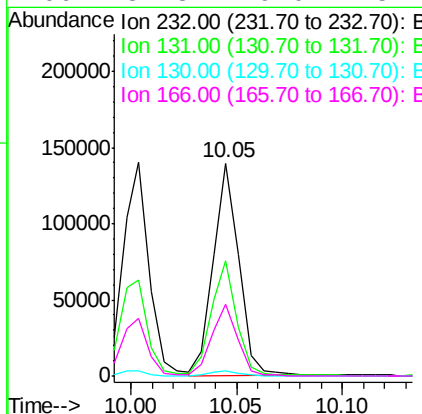
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

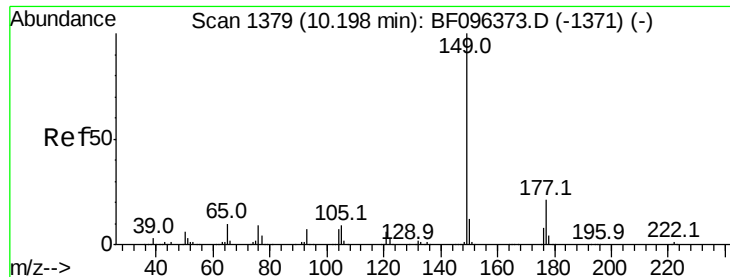
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.8	118.2
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.691 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.7	44.8	67.2
130	2.5	2.3	3.5
166	34.3	29.0	43.4

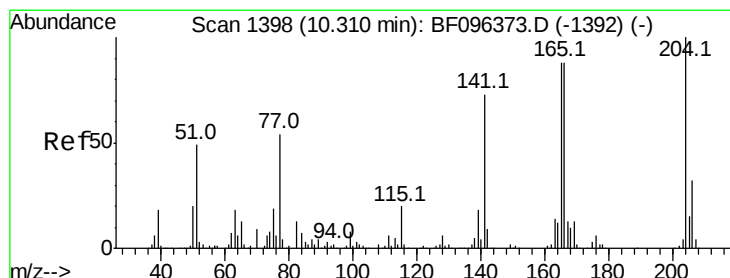
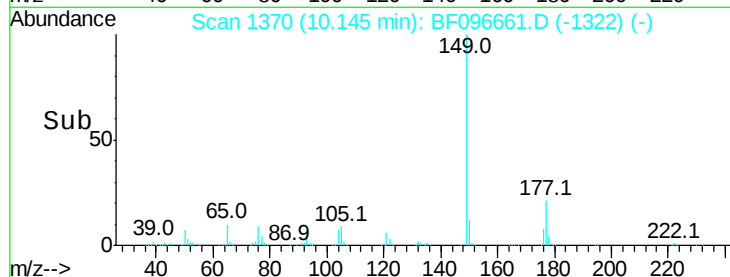
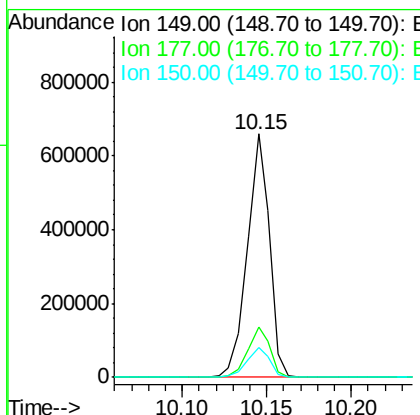
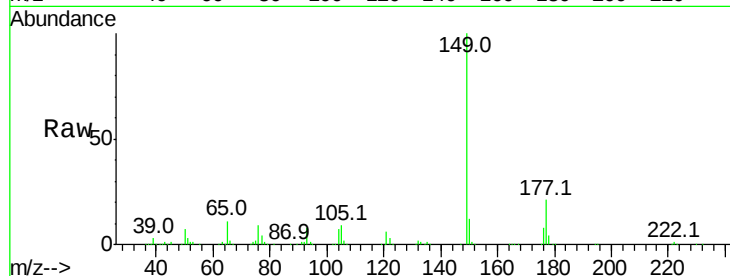




#59
Diethylphthalate
Concen: 40.284 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

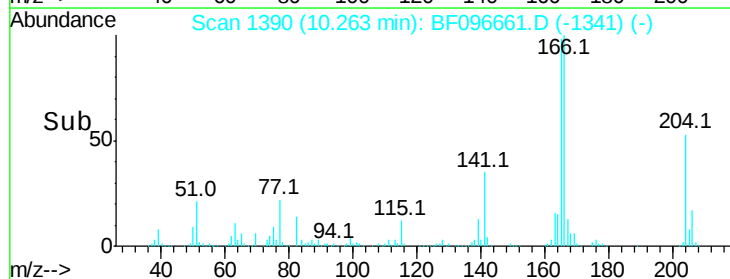
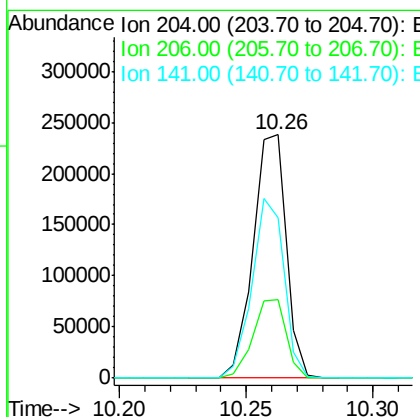
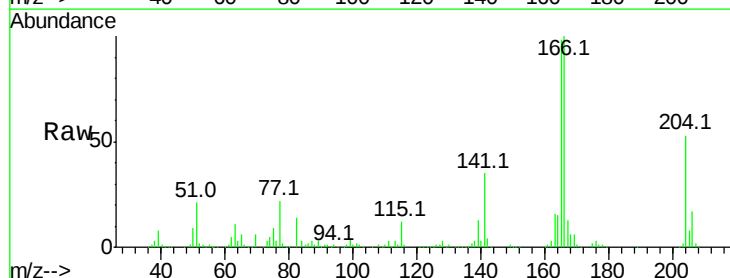
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

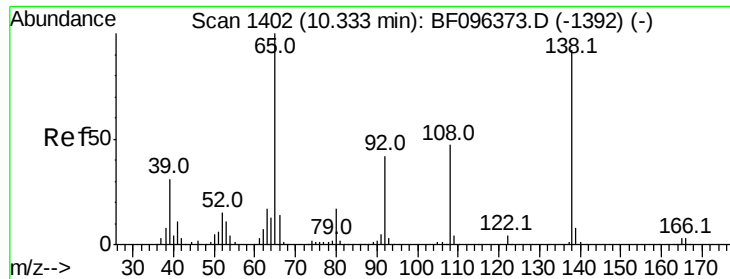
Tot Ion:149 Resp: 604741
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.464 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion:204 Resp: 217828
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 65.9 60.8 91.2

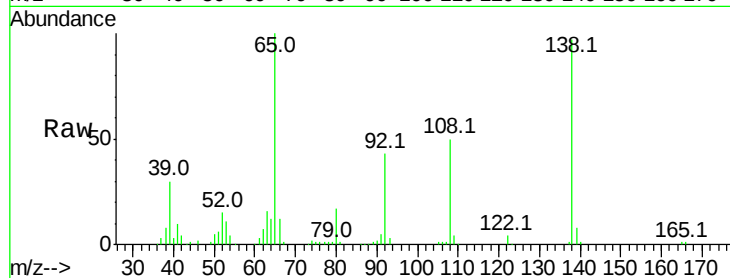




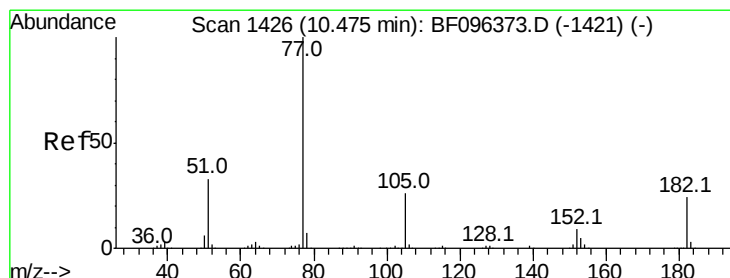
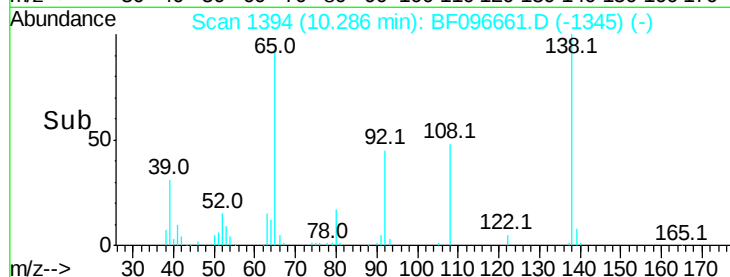
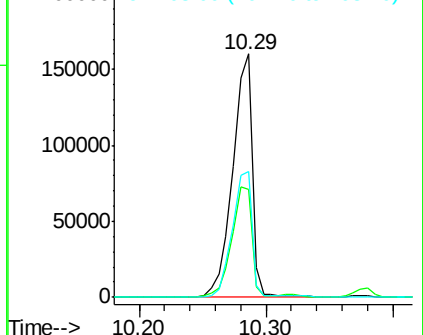
#61
4-Nitroaniline
Concen: 42.843 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 170653
Ion Ratio Lower Upper
138 100
92 44.5 21.8 61.8
108 51.5 42.3 82.3



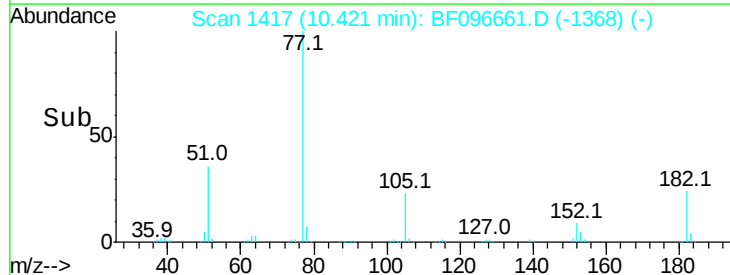
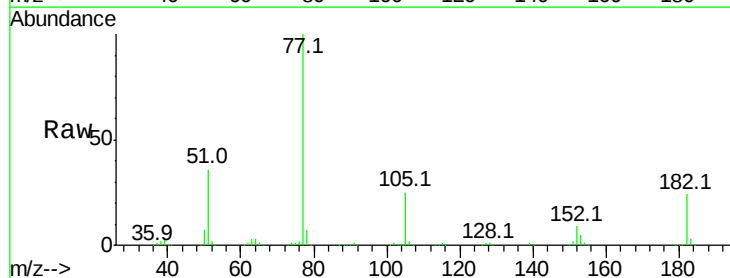
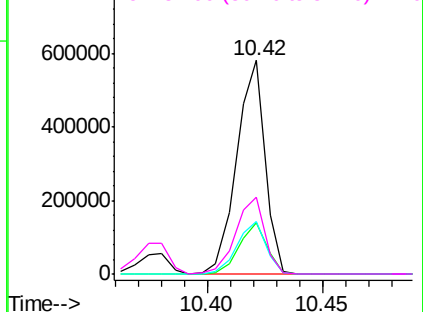
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

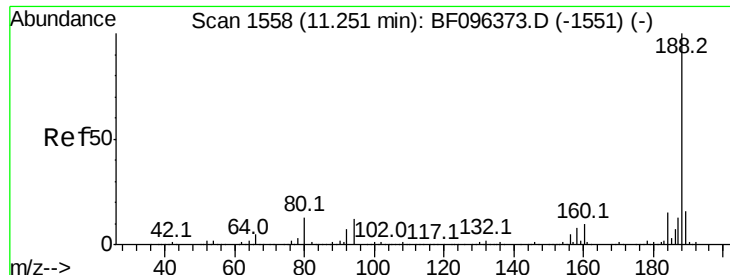


#62
Azobenzene
Concen: 34.397 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion: 77 Resp: 499307
Ion Ratio Lower Upper
77 100
182 24.0 0.1 40.1
105 24.7 3.6 43.6
51 36.1 9.4 49.4

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

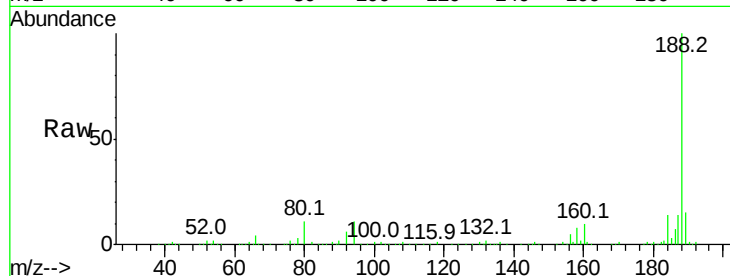
Tot Ion:188 Resp: 350563

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

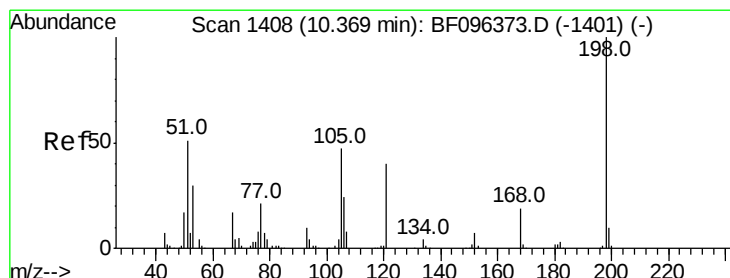
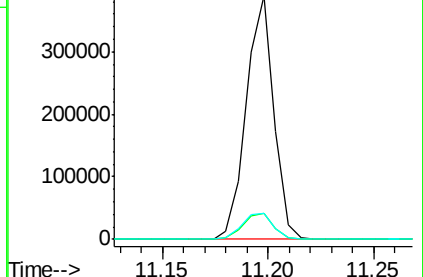
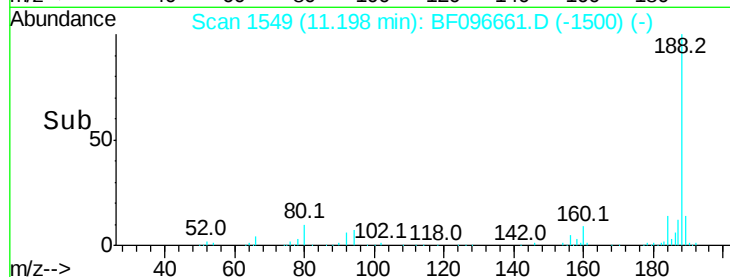
80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 29.375 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

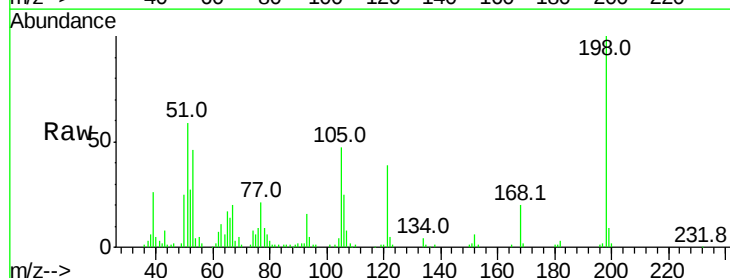
Tgt Ion:198 Resp: 71019

Ion Ratio Lower Upper

198 100

51 59.3 53.2 93.2

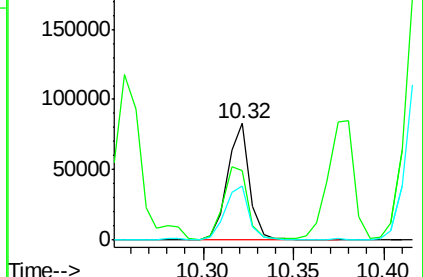
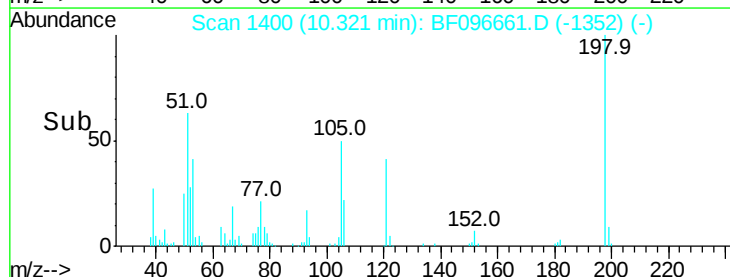
105 46.8 45.8 85.8

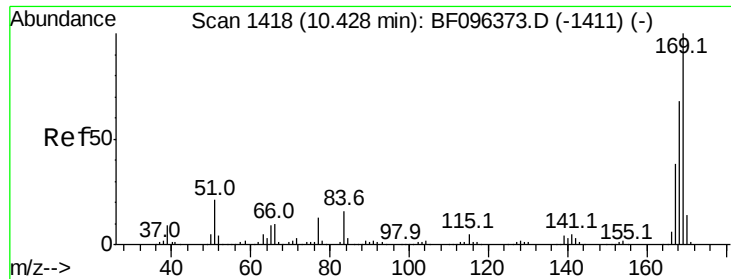


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

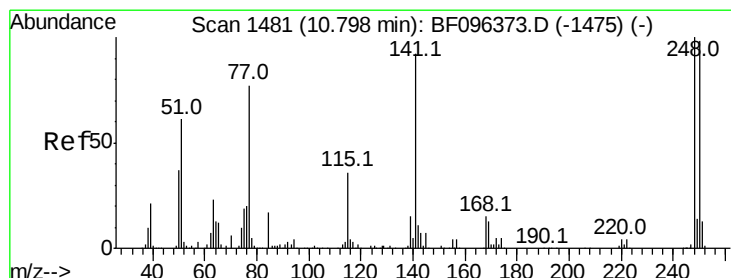
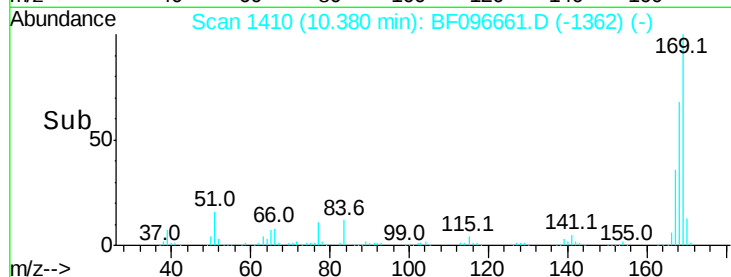
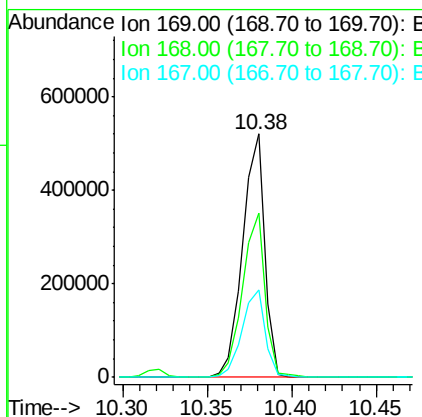
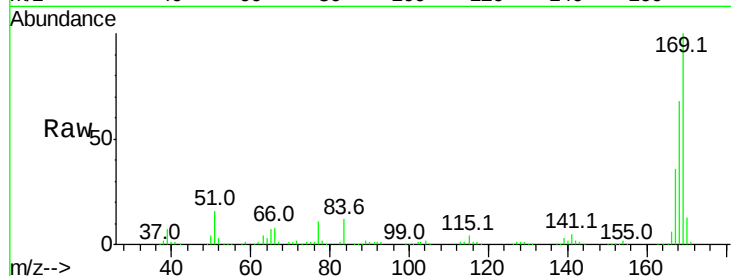




#65
 n-Nitrosodiphenylamine
 Concen: 38.796 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

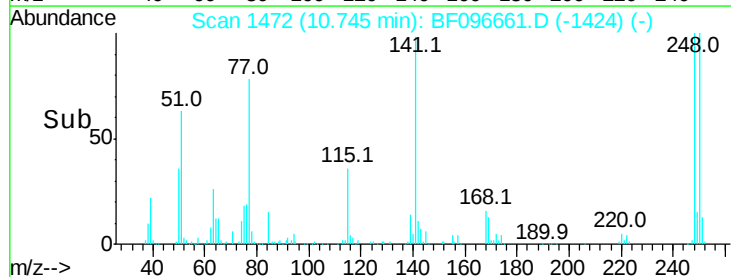
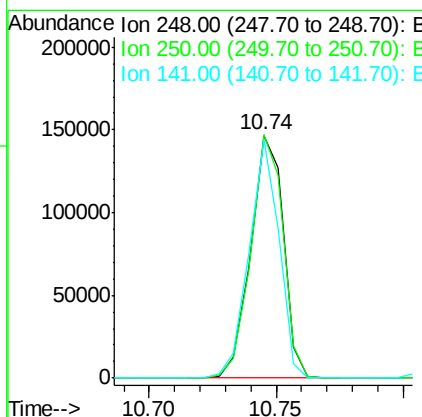
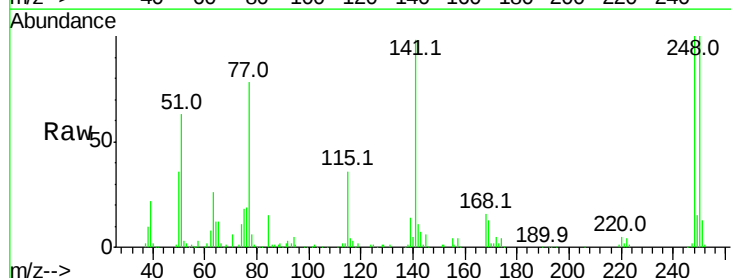
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

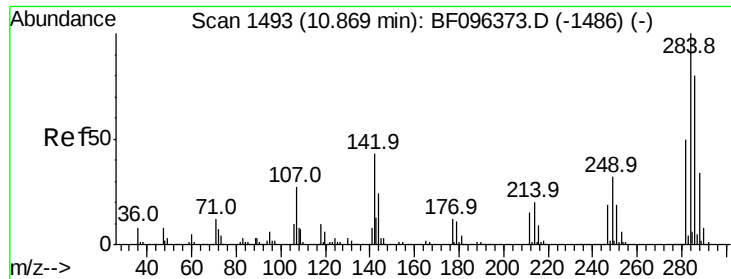
Tot Ion:169 Resp: 477188
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.2 79.8
 167 36.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.559 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion:248 Resp: 131586
 Ion Ratio Lower Upper
 248 100
 250 100.4 76.8 115.2
 141 98.3 68.6 103.0

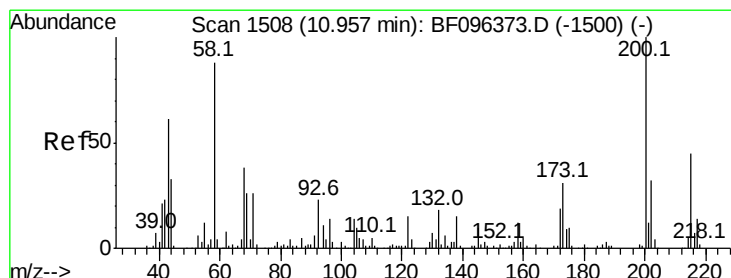
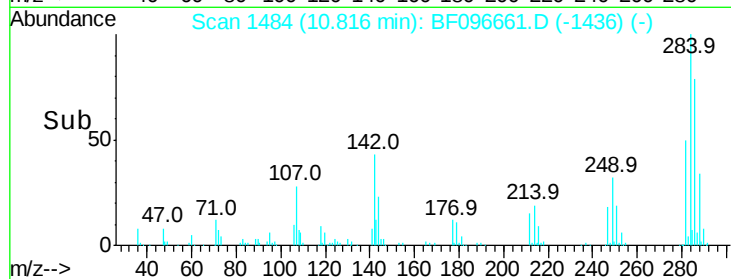
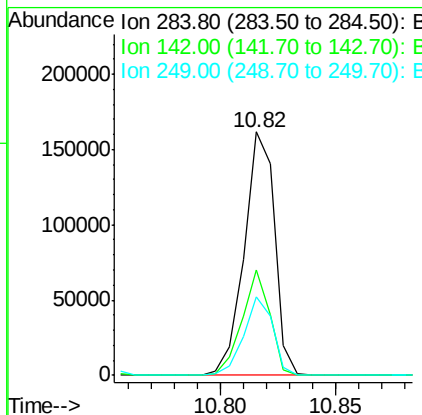
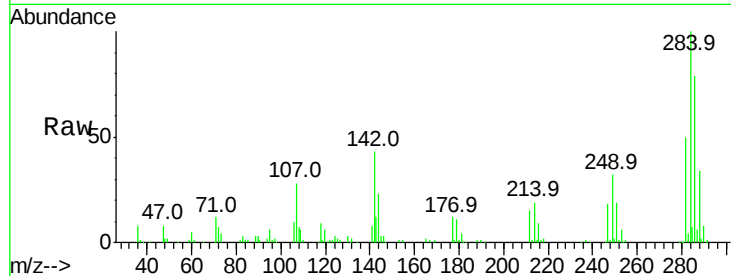




#67
Hexachlorobenzene
Concen: 39.936 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

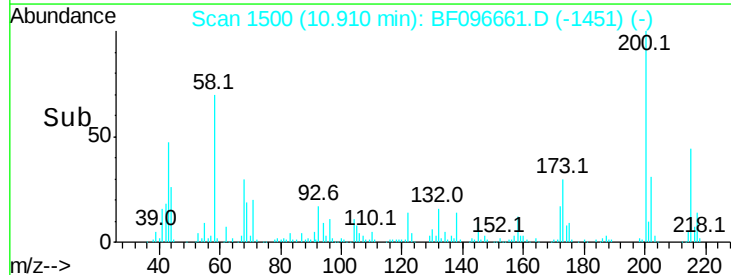
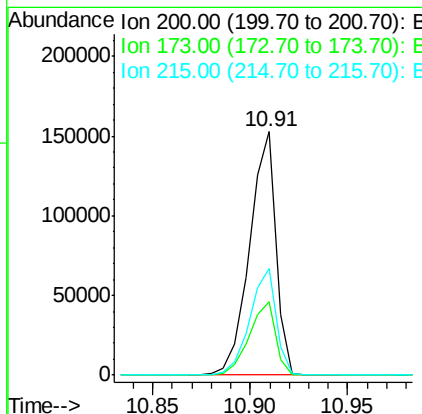
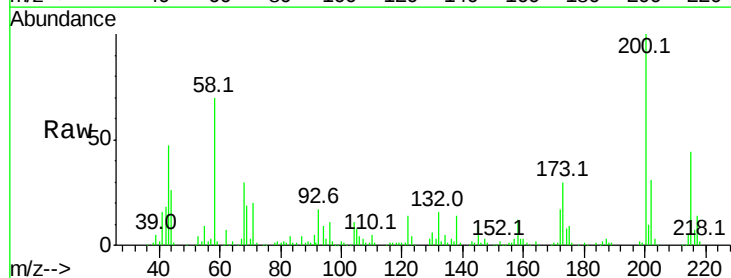
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

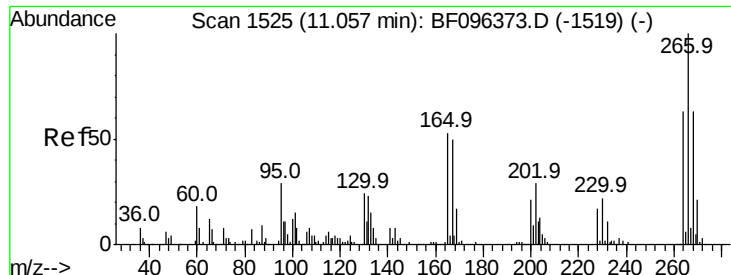
Tot Ion:284 Resp: 149187
Ion Ratio Lower Upper
284 100
142 43.3 22.8 34.2#
249 32.0 24.0 36.0



#68
Atrazine
Concen: 40.591 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion:200 Resp: 142640
Ion Ratio Lower Upper
200 100
173 30.3 6.3 46.3
215 44.0 27.2 67.2

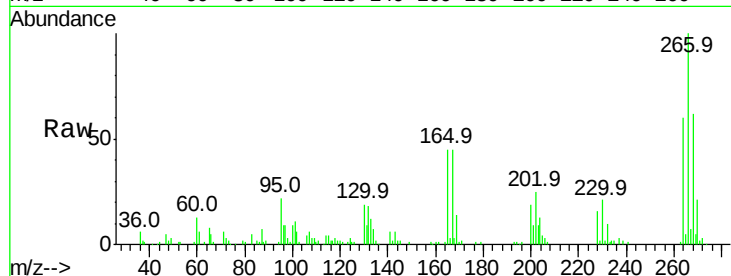




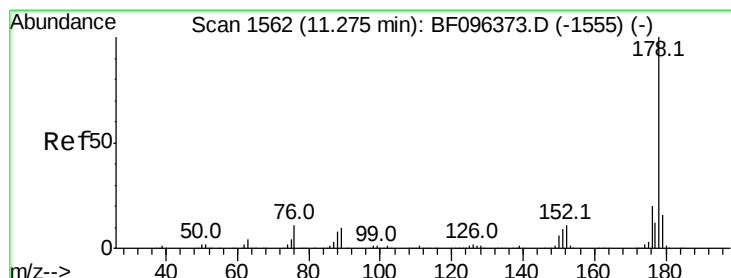
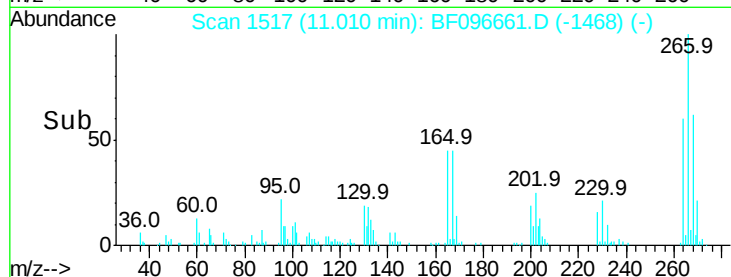
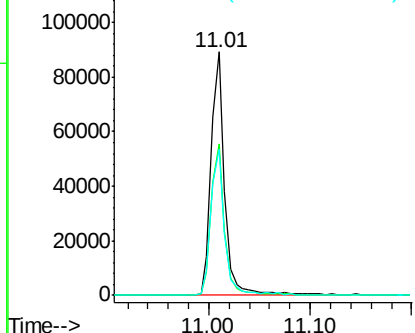
#69
 Pentachlorophenol
 Concen: 37.598 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 83244
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 60.4 51.7 77.5

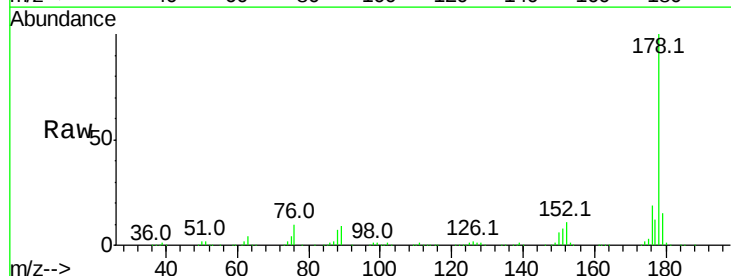


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

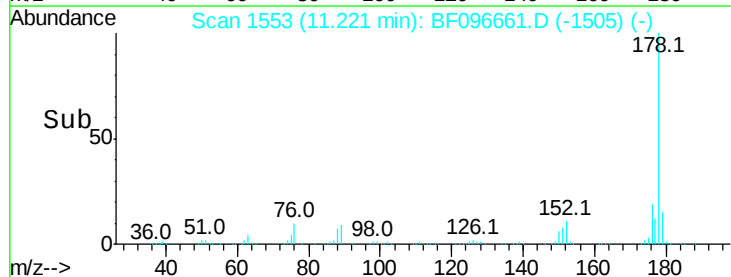
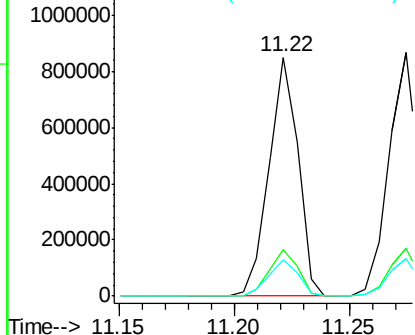


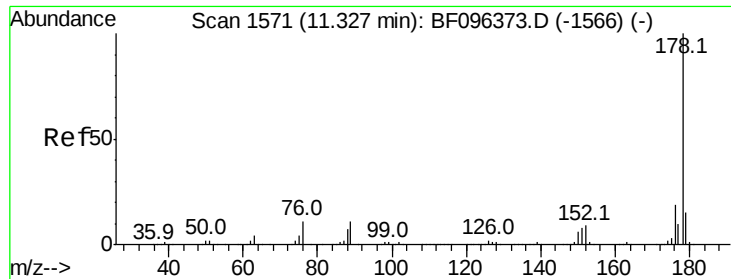
#70
 Phenanthrene
 Concen: 39.324 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion:178 Resp: 745214
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.2 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: 39.704 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

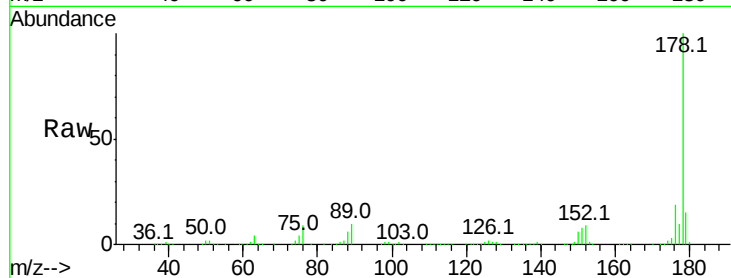
Tot Ion:178 Resp: 766741

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

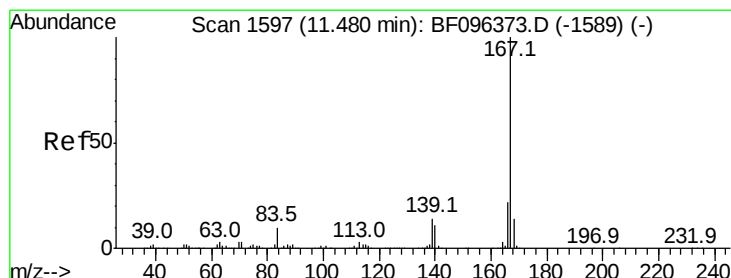
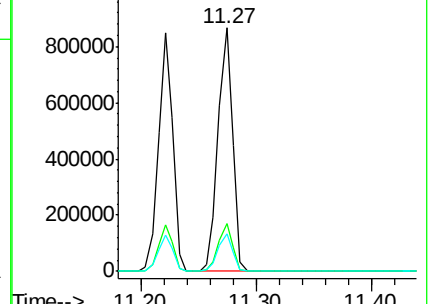
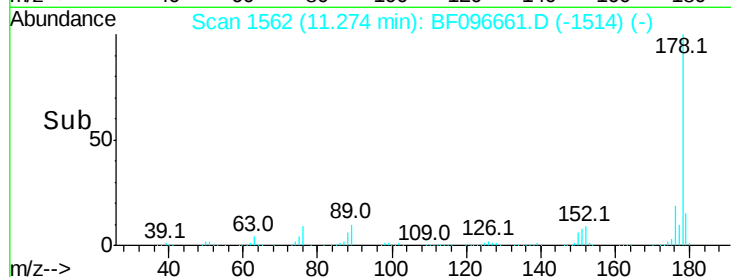
179 15.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.708 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

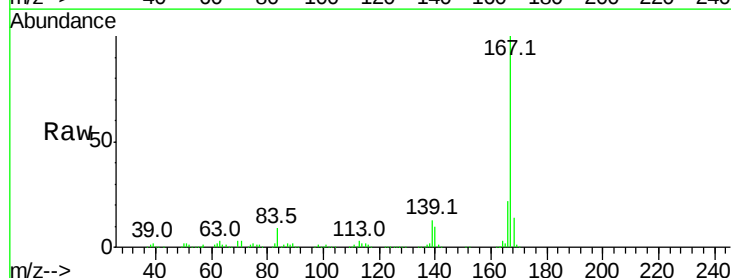
Tgt Ion:167 Resp: 751742

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

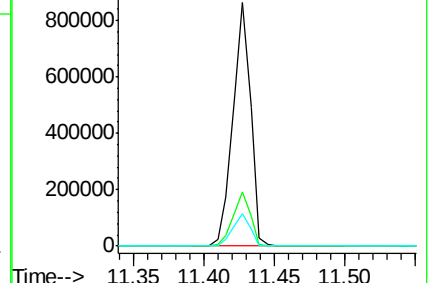
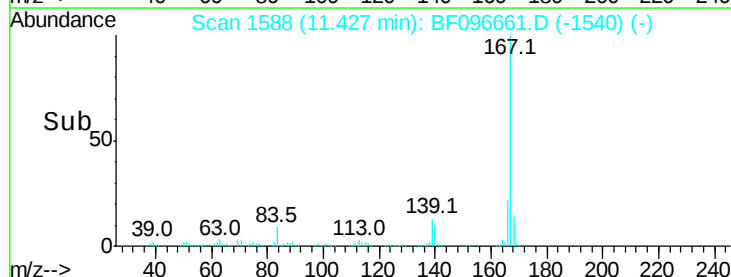
139 13.2 11.7 17.5

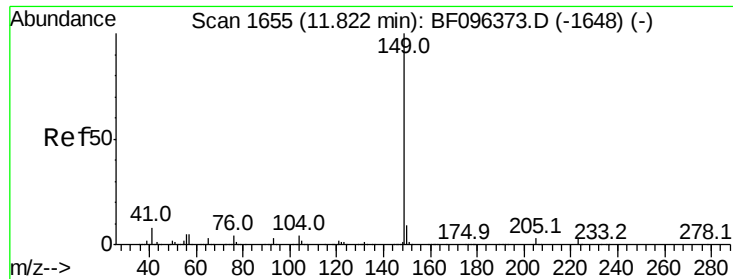


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.974 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

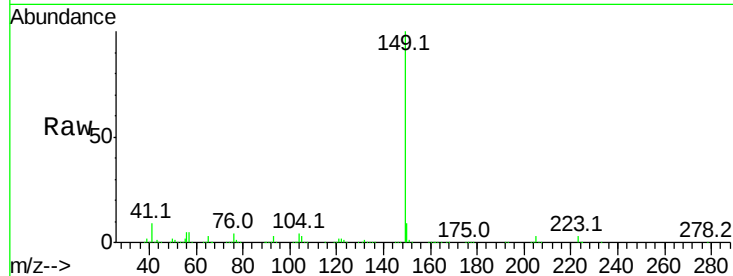
Tot Ion:149 Resp: 940302

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

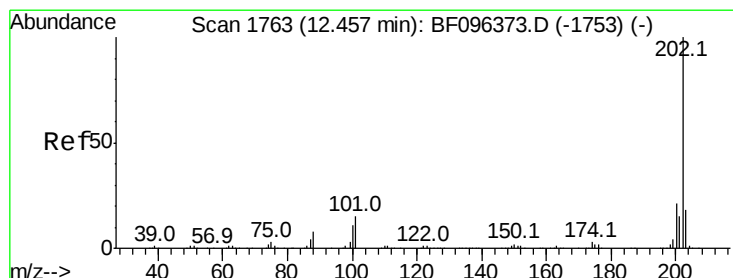
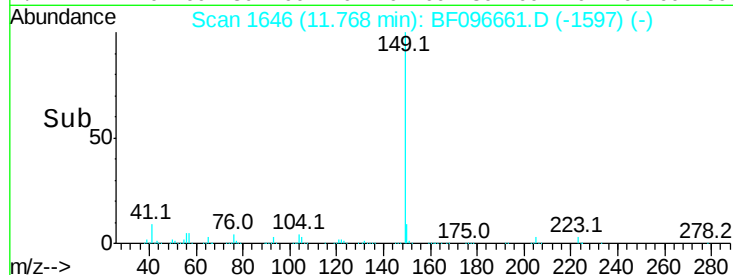
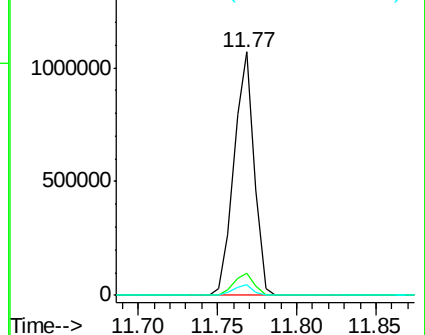
104 4.3 4.0 6.0



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: 37.008 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

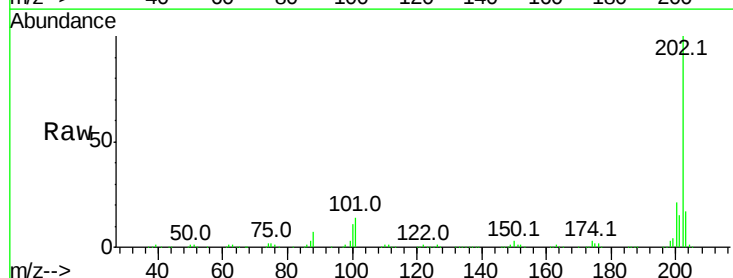
Tgt Ion:202 Resp: 687611

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

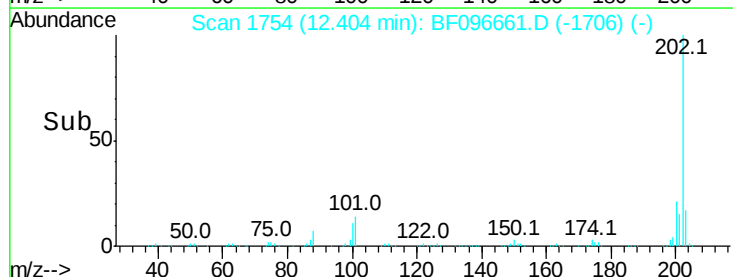
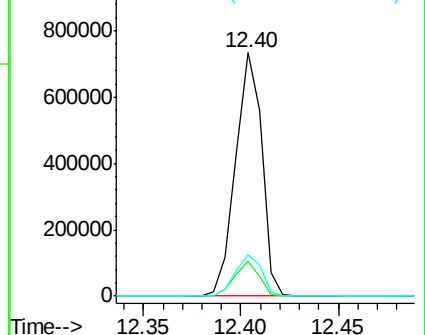
203 17.2 0.0 38.1

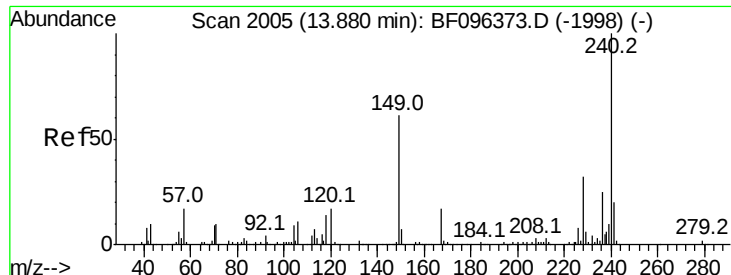


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

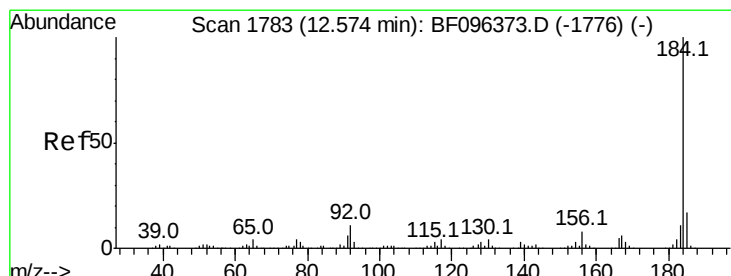
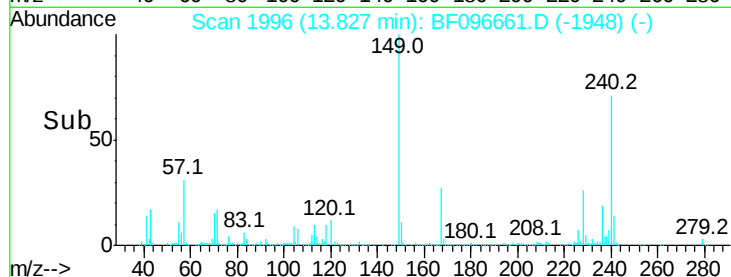
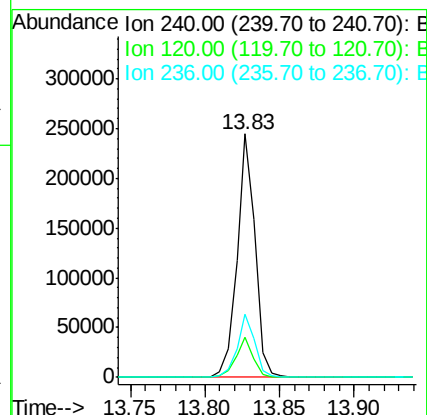
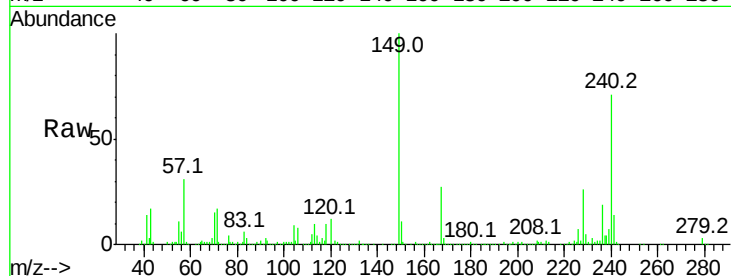
Tot Ion:240 Resp: 207403

Ion Ratio Lower Upper

240 100

120 16.5 5.8 8.8#

236 26.2 20.5 30.7



#76

Benzidine

Concen: 36.197 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

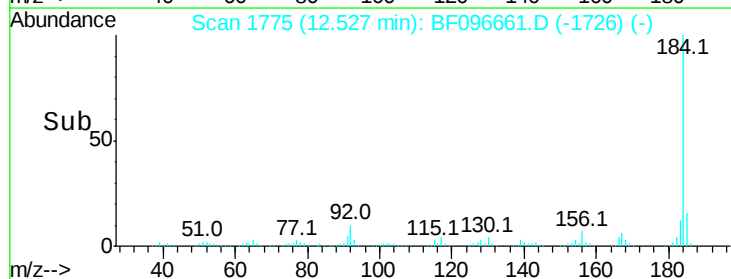
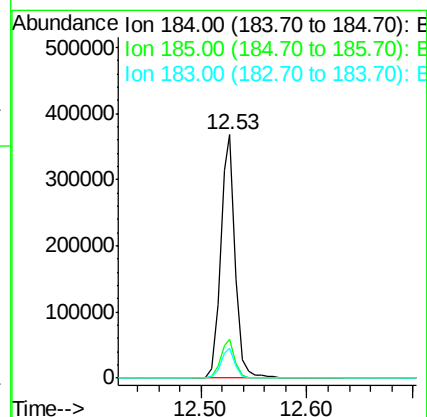
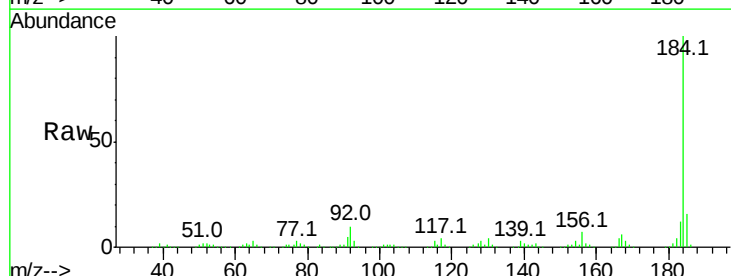
Tgt Ion:184 Resp: 360226

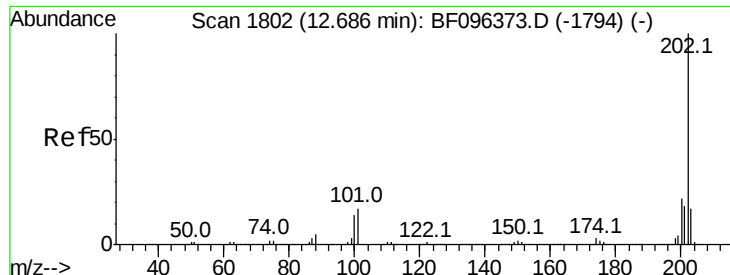
Ion Ratio Lower Upper

184 100

185 15.7 15.5 23.3

183 12.4 9.8 14.6

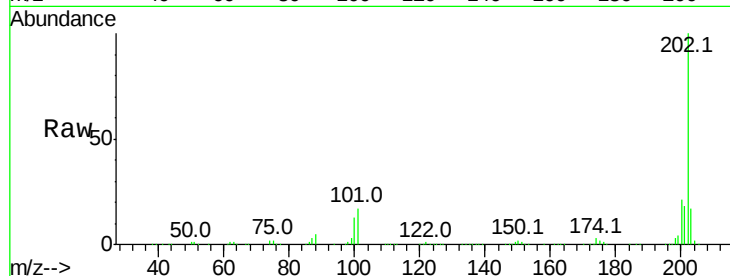




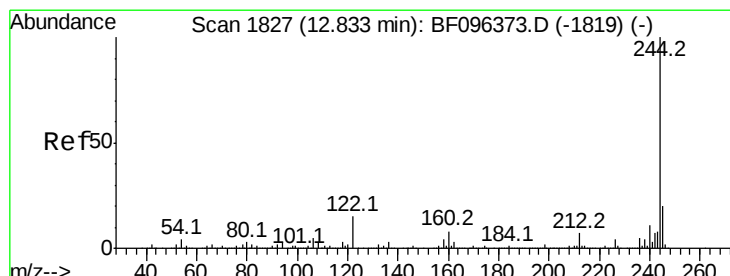
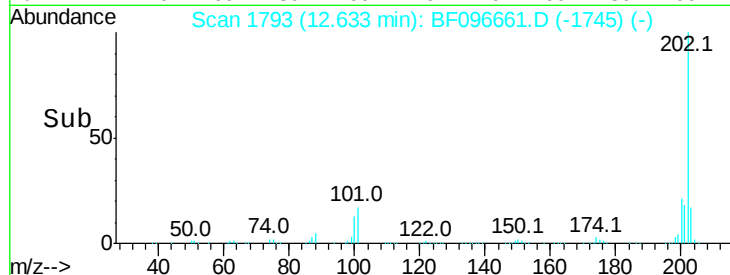
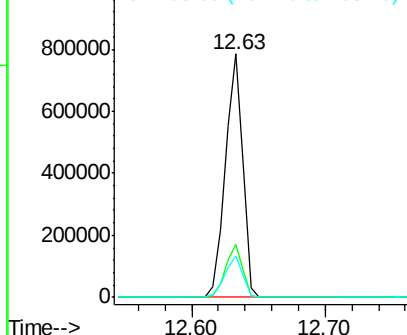
#77
Pvrene
Concen: 43.437 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 723123
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.2 14.4 21.6

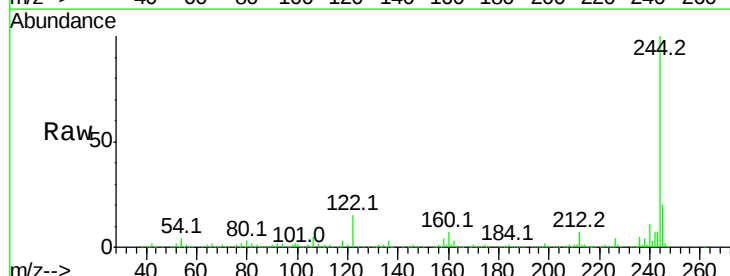


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

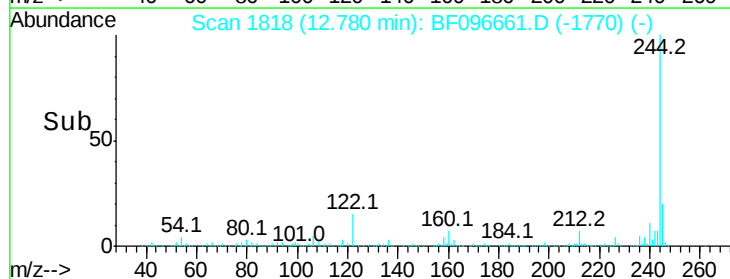
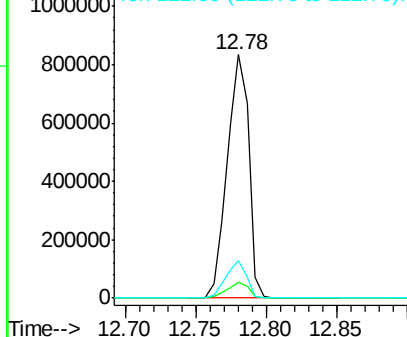


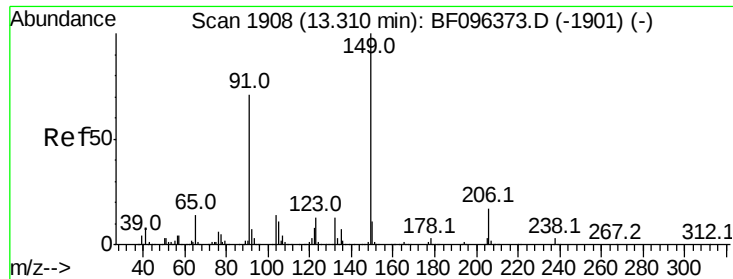
#78
Terphenyl-d14
Concen: 90.990 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion:244 Resp: 883151
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 15.2 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

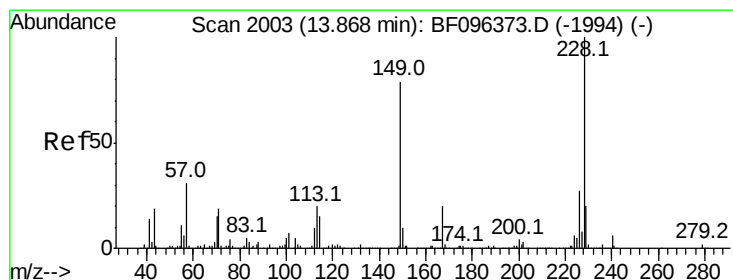
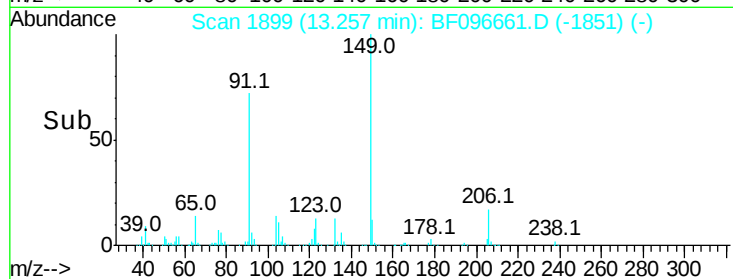
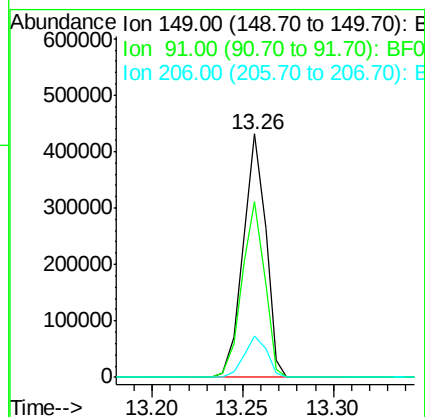
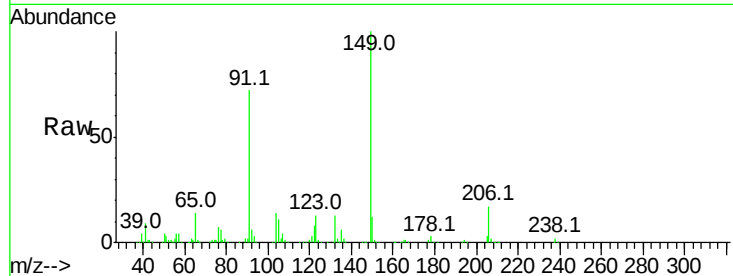




#79
Butylbenzylphthalate
Concen: 44.395 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

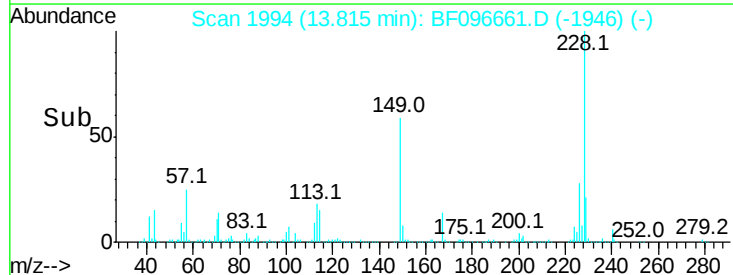
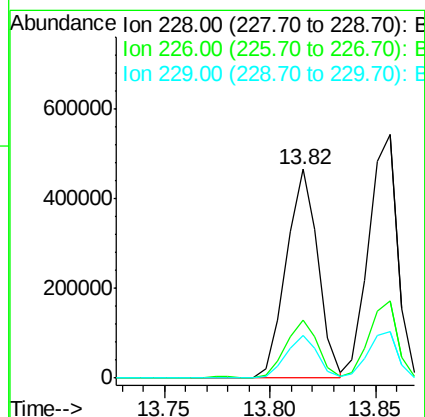
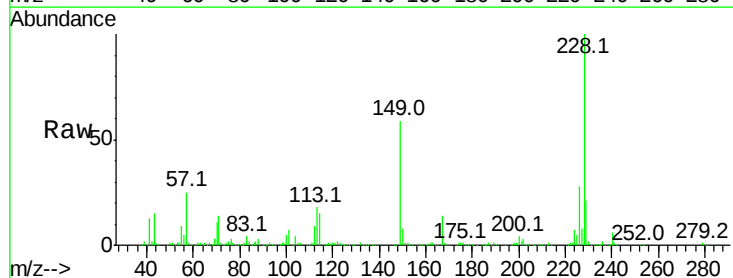
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

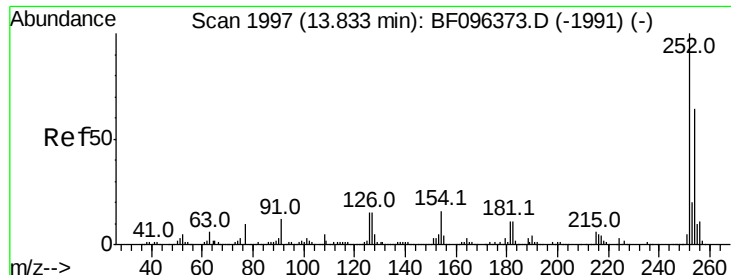
Tot Ion:149 Resp: 374129
Ion Ratio Lower Upper
149 100
91 72.2 45.0 67.4#
206 17.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.636 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion:228 Resp: 488054
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.6 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 39.523 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

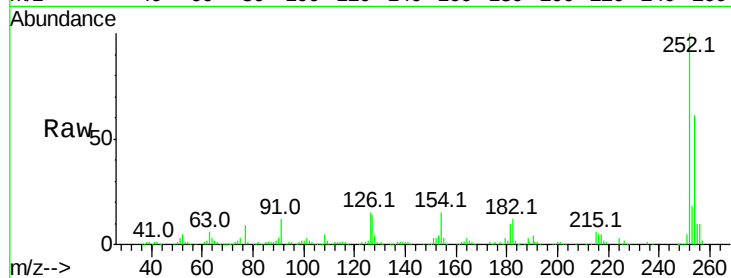
Tot Ion:252 Resp: 194968

Ion Ratio Lower Upper

252 100

254 61.5 51.5 77.3

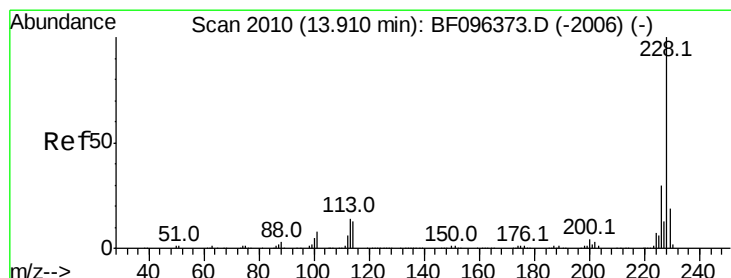
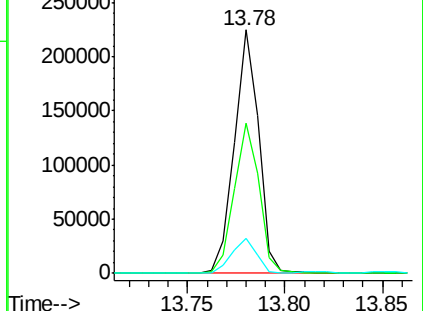
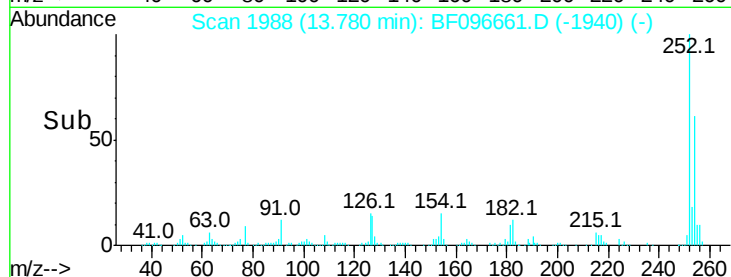
126 14.6 15.8 23.8#



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: 41.033 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

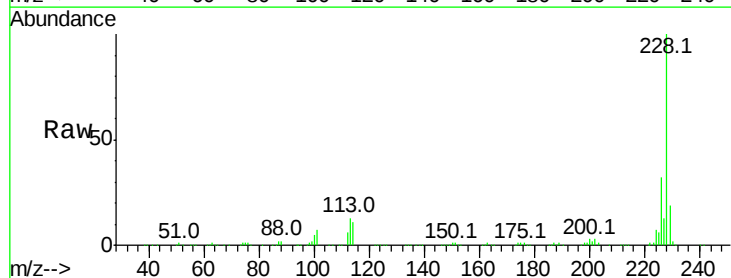
Tgt Ion:228 Resp: 516090

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

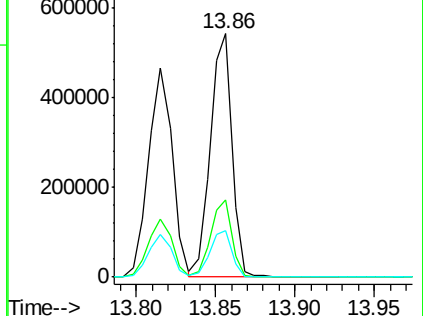
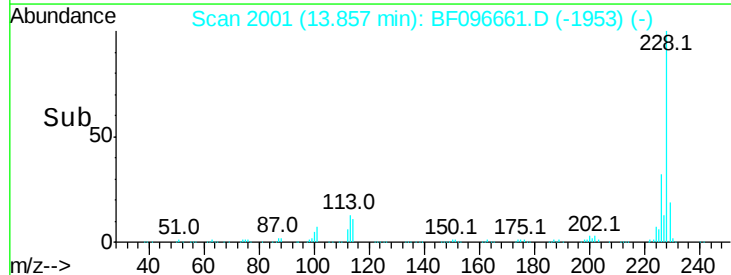
229 19.3 15.8 23.6

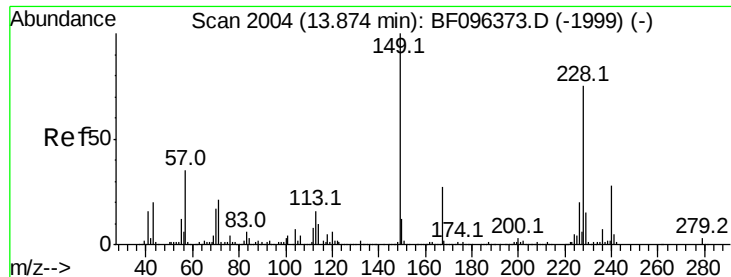


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.540 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

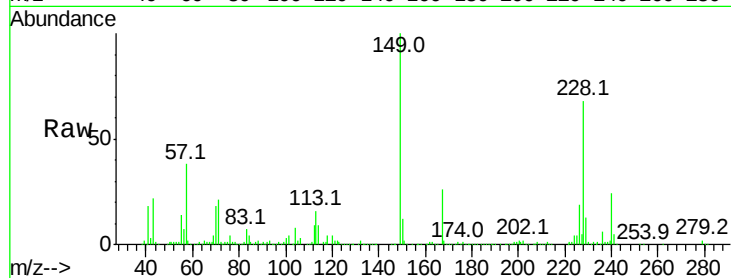
Tot Ion:149 Resp: 447206

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

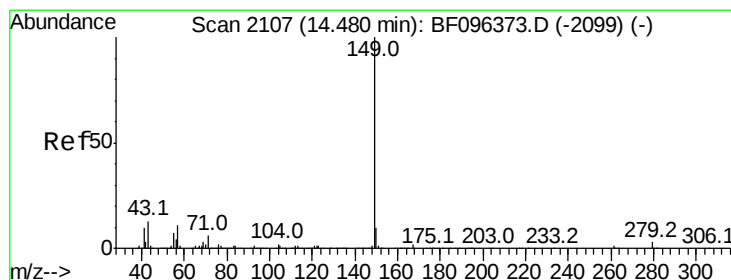
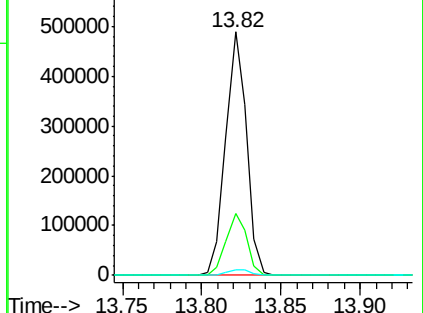
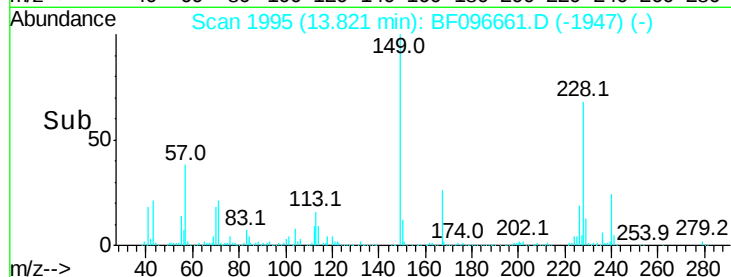
279 2.5 1.9 2.9



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: 42.431 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

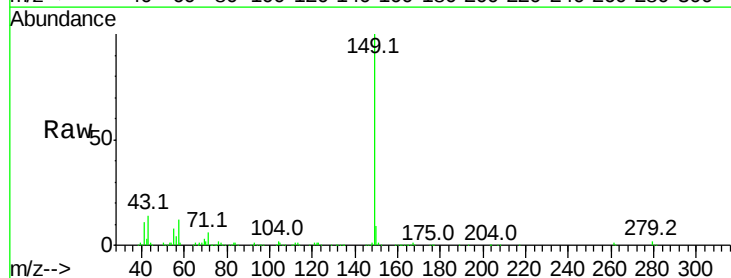
Tgt Ion:149 Resp: 786006

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

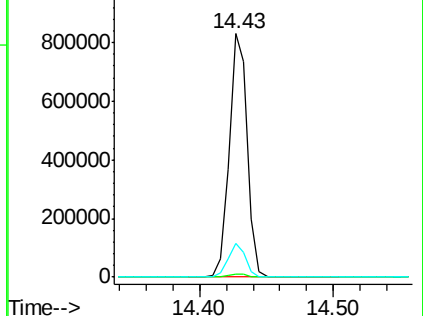
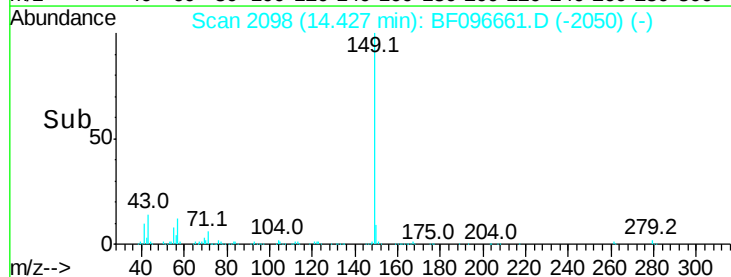
43 13.3 8.5 12.7#

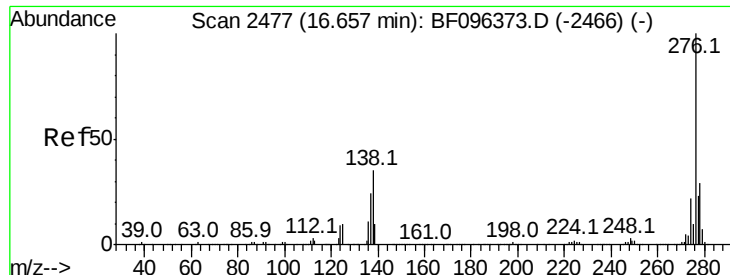


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

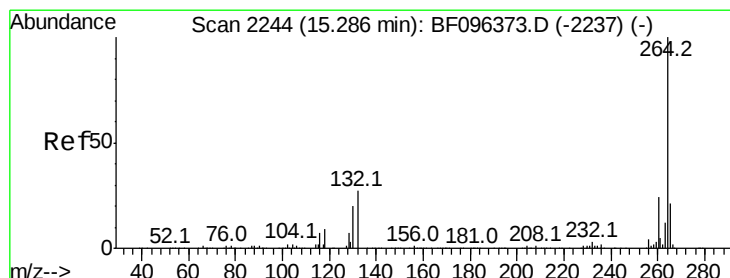
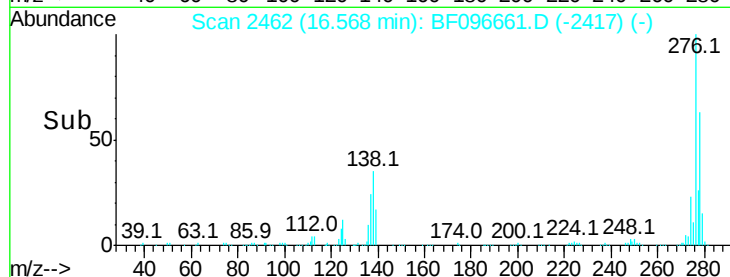
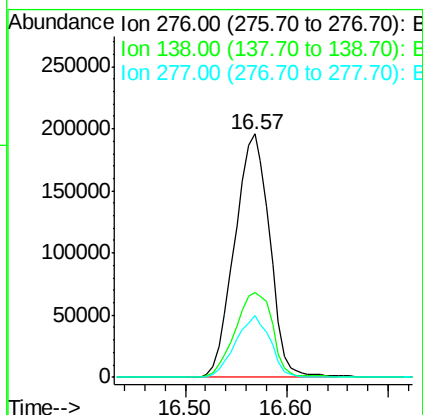
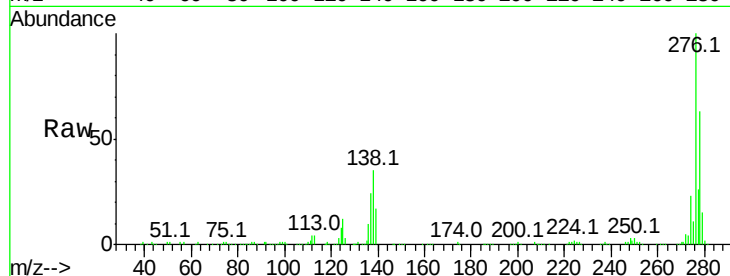




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.306 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.04 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

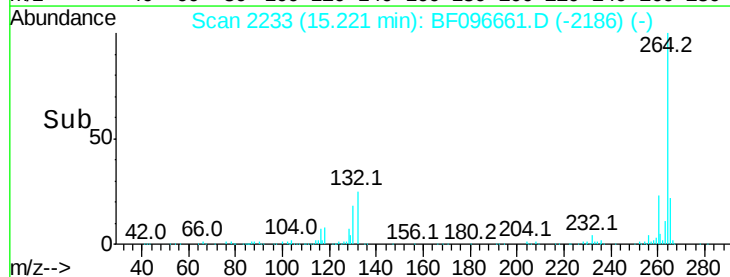
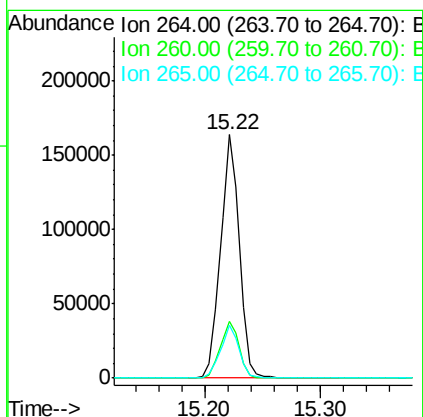
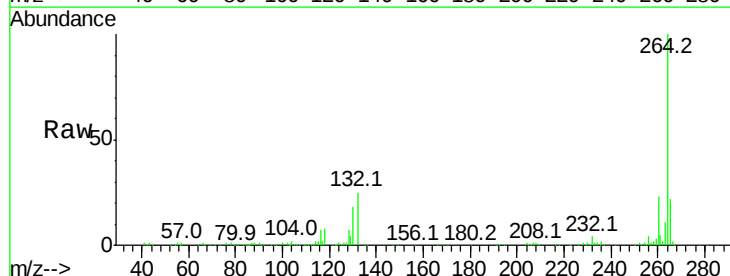
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

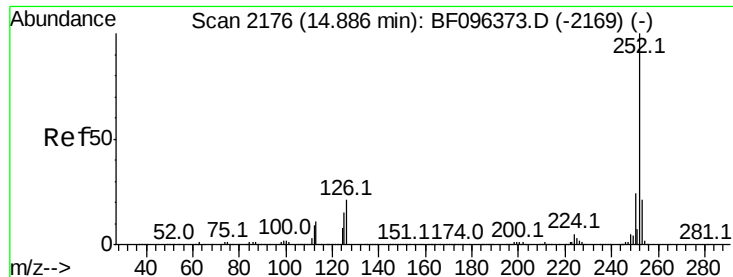
Tot Ion:276 Resp: 469654
 Ion Ratio Lower Upper
 276 100
 138 37.7 27.8 41.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096661.D
 Acq: 12 Jul 2017 00:03

Tgt Ion:264 Resp: 184810
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.7 17.2 25.8

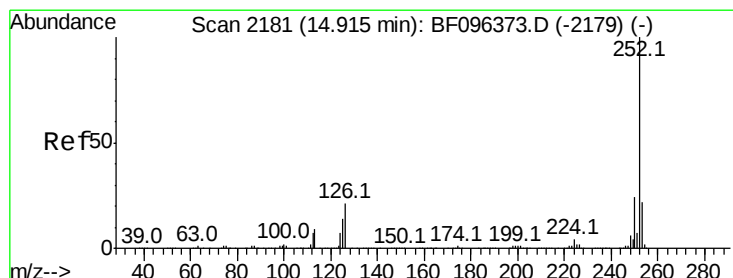
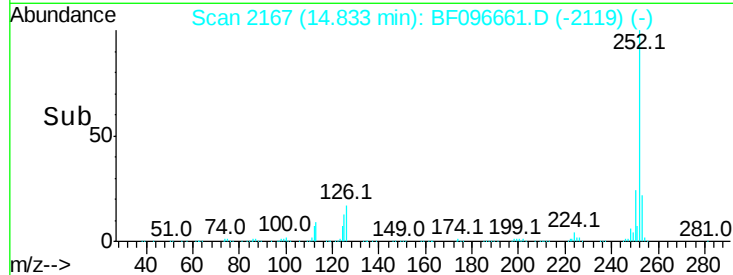
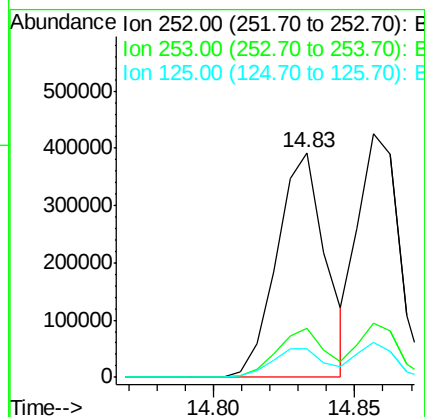
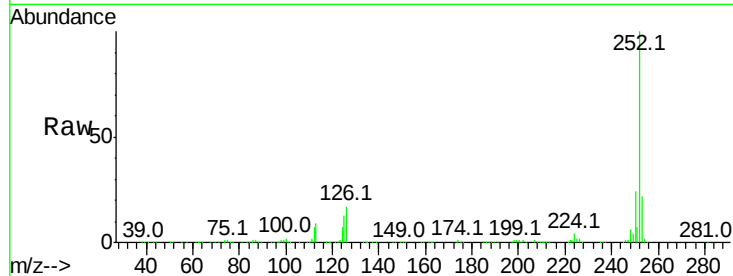




#87
Benzo(b)fluoranthene
Concen: 40.543 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

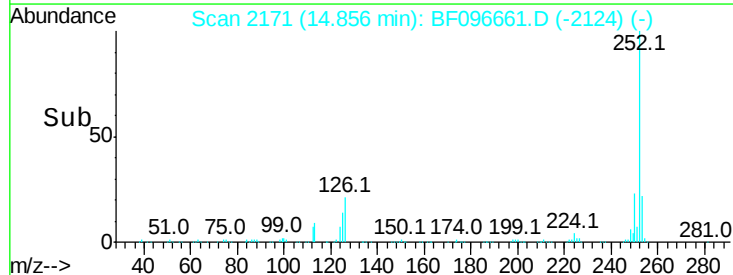
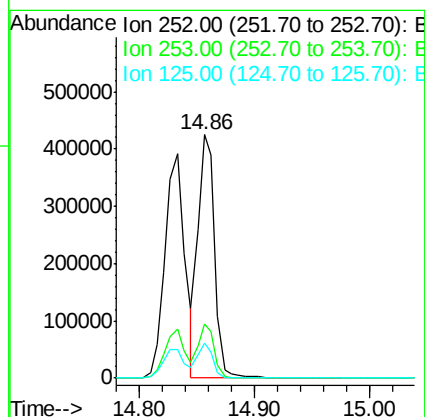
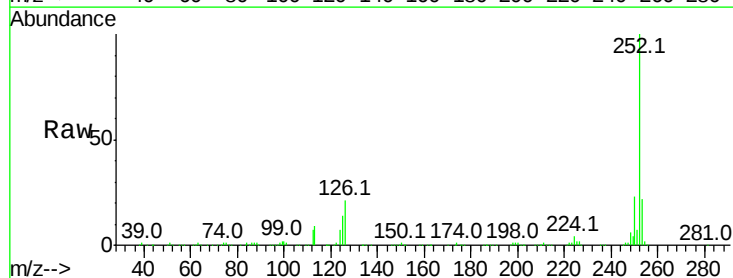
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

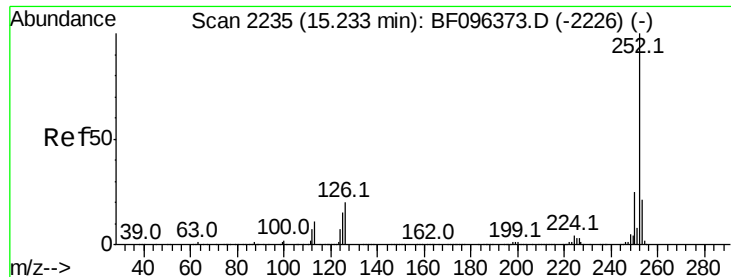
Tot Ion:252 Resp: 469488
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 41.661 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096661.D
Acq: 12 Jul 2017 00:03

Tgt Ion:252 Resp: 431552
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 14.2 13.1 19.7





#89

Benzo(a)pyrene

Concen: 39.150 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.02 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

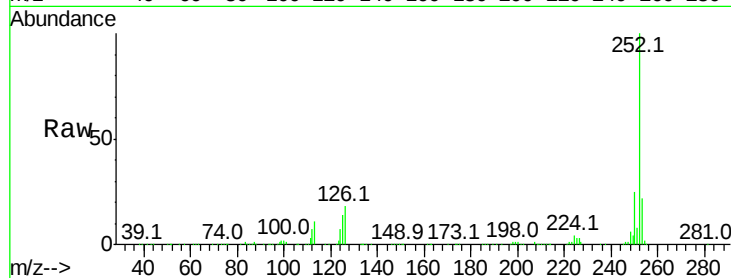
Tot Ion:252 Resp: 404765

Ion Ratio Lower Upper

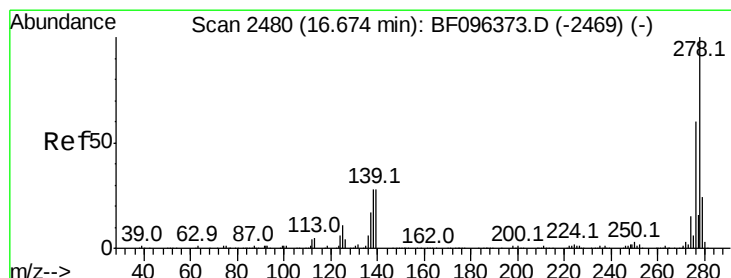
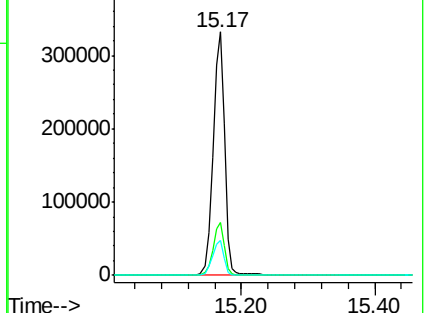
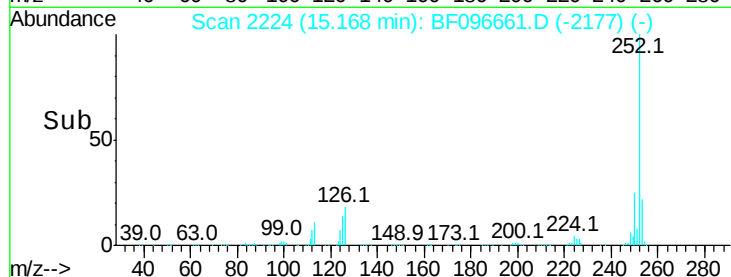
252 100

253 22.0 17.5 26.3

125 14.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.069 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.04 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

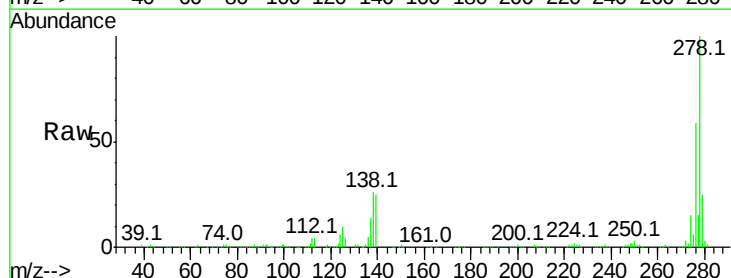
Tgt Ion:278 Resp: 382837

Ion Ratio Lower Upper

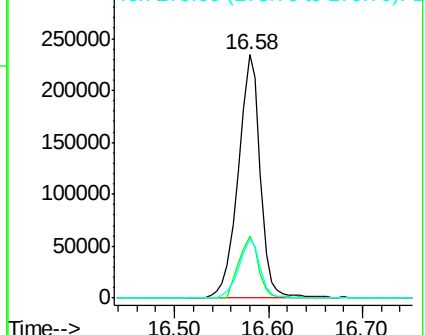
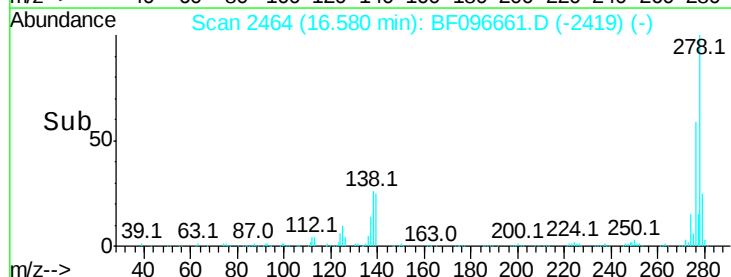
278 100

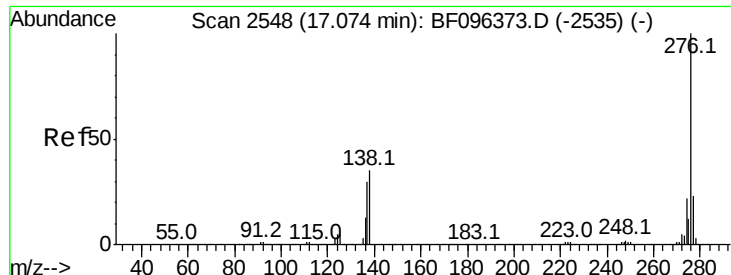
139 25.4 16.6 24.8#

279 24.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.515 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.04 min

Lab File: BF096661.D

Acq: 12 Jul 2017 00:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

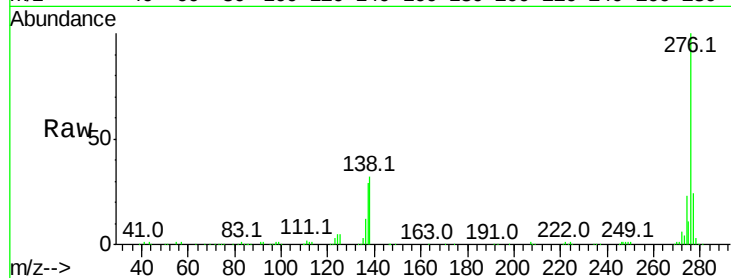
Tot Ion:276 Resp: 400461

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 32.0 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

