

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096472.D
 Acq On : 5 Jul 2017 9:46
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 13:15:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134377	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	554853	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	243188	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	411299	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	301771	20.00	ng	-0.01
86) Perylene-d12	15.27	264	296680	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	677853	74.45	ng	-0.02
7) Phenol-d6	6.36	99	849522	75.90	ng	-0.02
23) Nitrobenzene-d5	7.28	82	708307	76.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	171671	90.37	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1234860	86.82	ng	-0.02
78) Terphenyl-d14	12.82	244	1095414	77.57	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	159181	36.87	ng	# 77
3) Pyridine	3.09	79	397487	33.56	ng	# 65
4) n-Nitrosodimethylamine	3.04	42	212029	36.27	ng	# 84
6) Aniline	6.37	93	545368	37.70	ng	# 88
8) 2-Chlorophenol	6.50	128	412049	42.44	ng	# 94
9) Benzaldehyde	6.26	77	249865	35.67	ng	# 98
10) Phenol	6.37	94	468160	36.72	ng	# 77
11) bis(2-Chloroethyl)ether	6.45	93	382312	38.80	ng	# 90
12) 1,3-Dichlorobenzene	6.66	146	416529	40.92	ng	# 98
13) 1,4-Dichlorobenzene	6.73	146	417494	41.03	ng	# 96
14) 1,2-Dichlorobenzene	6.89	146	384455	41.15	ng	# 98
15) Benzyl Alcohol	6.86	79	294232	39.33	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	763769	38.13	ng	# 92
17) 2-Methylphenol	6.97	107	311722	40.29	ng	# 99
18) Hexachloroethane	7.23	117	141320	38.31	ng	# 82
19) n-Nitroso-di-n-propylamine	7.13	70	241663	36.24	ng	# 85
20) 3+4-Methylphenols	7.13	107	342984	39.74	ng	# 94
22) Acetophenone	7.13	105	463938	38.27	ng	# 92
24) Nitrobenzene	7.30	77	367927	37.98	ng	# 90
25) Isophorone	7.54	82	660383	36.89	ng	# 95
26) 2-Nitrophenol	7.62	139	211987	41.35	ng	# 91
27) 2,4-Dimethylphenol	7.66	122	339840	38.93	ng	# 97
28) bis(2-Chloroethoxy)methane	7.75	93	440485	37.27	ng	# 99
29) 2,4-Dichlorophenol	7.86	162	312065	41.43	ng	# 96
30) 1,2,4-Trichlorobenzene	7.94	180	290499	40.89	ng	# 98
31) Naphthalene	8.02	128	1043555	39.84	ng	# 100
32) Benzoic acid	7.80	122	270623	36.91	ng	# 92
33) 4-Chloroaniline	8.07	127	441500	40.58	ng	# 95
34) Hexachlorobutadiene	8.15	225	150927	41.42	ng	# 97
35) Caprolactam	8.45	113	99553	38.33	ng	# 78
36) 4-Chloro-3-methylphenol	8.56	107	334287	40.11	ng	# 90
37) 2-Methylnaphthalene	8.71	142	682577	40.94	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	266424	42.19	ng	# 100
40) Hexachlorocyclopentadiene	8.87	237	128464	41.84	ng	# 100

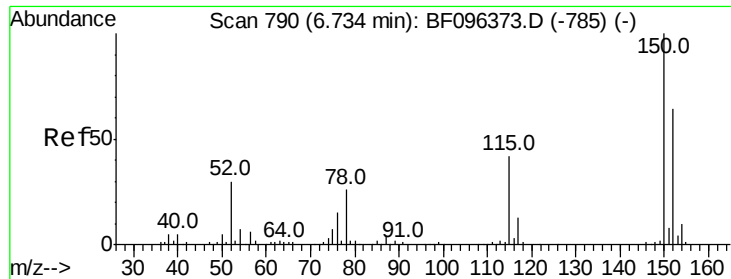
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	220742	44.19	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	219300	44.40	nq	93
45) 1,1'-Biphenyl	9.17	154	887120	42.57	nq	97
46) 2-Chloronaphthalene	9.20	162	658611	42.41	nq	94
47) 2-Nitroaniline	9.29	65	218090	38.60	nq	92
48) Acenaphthylene	9.62	152	1049659	42.66	nq	99
49) Dimethylphthalate	9.48	163	745571	41.07	nq	99
50) 2,6-Dinitrotoluene	9.54	165	179341	44.67	nq	# 90
51) Acenaphthene	9.79	154	567107	37.39	nq	99
52) 3-Nitroaniline	9.70	138	222468	44.43	nq	91
53) 2,4-Dinitrophenol	9.81	184	85942	40.31	nq	# 74
54) Dibenzofuran	9.96	168	803094	40.11	nq	99
55) 4-Nitrophenol	9.87	139	156683	37.75	nq	# 71
56) 2,4-Dinitrotoluene	9.94	165	215089	42.31	nq	# 83
57) Fluorene	10.30	166	603042	42.64	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	141924	41.53	nq	# 96
59) Diethylphthalate	10.18	149	685908	39.97	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	255090	41.46	nq	95
61) 4-Nitroaniline	10.32	138	191605	42.08	nq	90
62) Azobenzene	10.45	77	612747	36.93	nq	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	118728	41.86	nq	86
65) n-Nitrosodiphenylamine	10.41	169	579398	40.15	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	166677	41.63	nq	99
67) Hexachlorobenzene	10.85	284	184398	42.07	nq	# 88
68) Atrazine	10.94	200	174568	42.34	nq	93
69) Pentachlorophenol	11.04	266	108727	41.86	nq	96
70) Phenanthrene	11.26	178	881050	39.63	nq	99
71) Anthracene	11.31	178	893178	39.42	nq	99
72) Carbazole	11.46	167	888554	39.00	nq	99
73) Di-n-butylphthalate	11.80	149	1072511	38.86	nq	# 98
74) Fluoranthene	12.44	202	884815	40.59	nq	99
76) Benzidine	12.56	184	545191	37.65	nq	# 92
77) Pyrene	12.67	202	917072	37.86	nq	99
79) Butylbenzylphthalate	13.29	149	457290	37.29	nq	# 80
80) Benzo(a)anthracene	13.86	228	687324	39.33	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	301277	41.98	nq	# 96
82) Chrysene	13.89	228	717307	39.20	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	524619	38.33	nq	99
84) Di-n-octyl phthalate	14.47	149	1060175	39.33	nq	95
85) Indeno(1,2,3-cd)pyrene	16.64	276	629154	43.55	nq	99
87) Benzo(b)fluoranthene	14.87	252	676877	36.41	nq	98
88) Benzo(k)fluoranthene	14.90	252	686761	41.30	nq	97
89) Benzo(a)pyrene	15.22	252	653294	39.36	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	510622	39.11	nq	97
91) Benzo(g,h,i)perylene	17.05	276	515788	38.12	nq	98

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

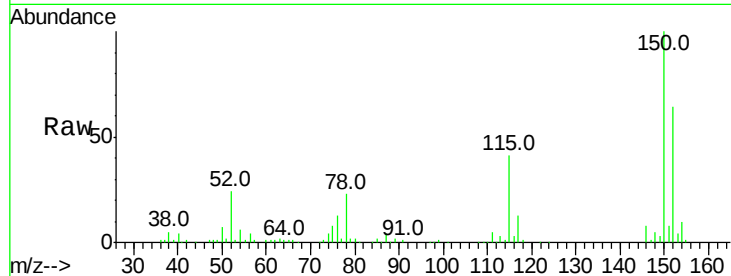


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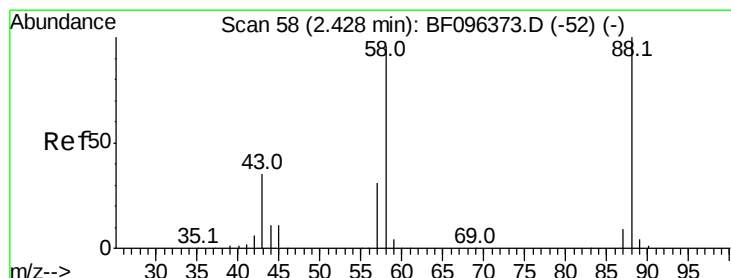
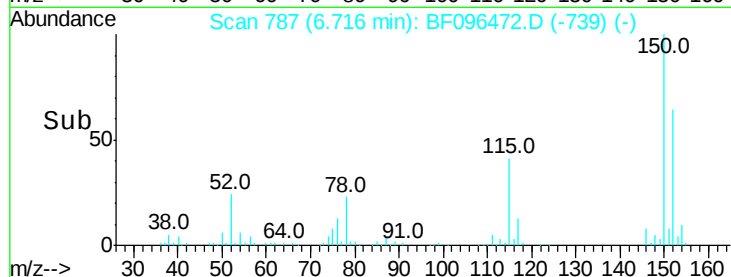
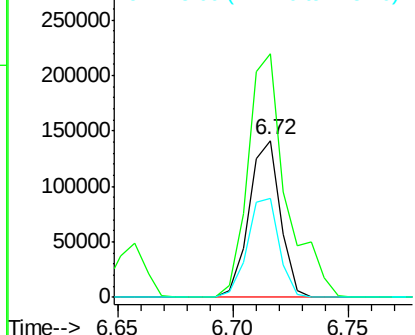
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 134377
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 63.0 52.2 78.2



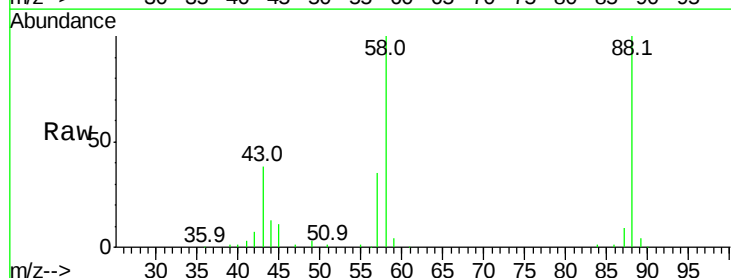
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



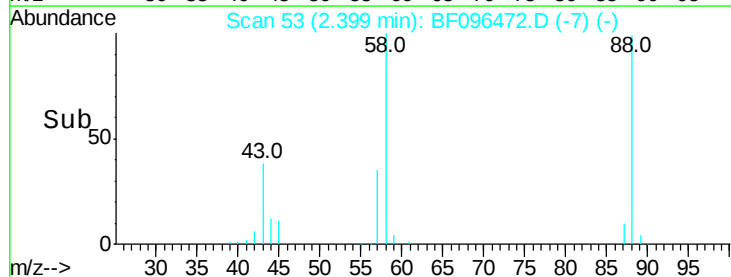
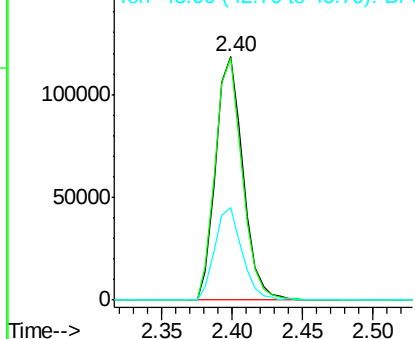
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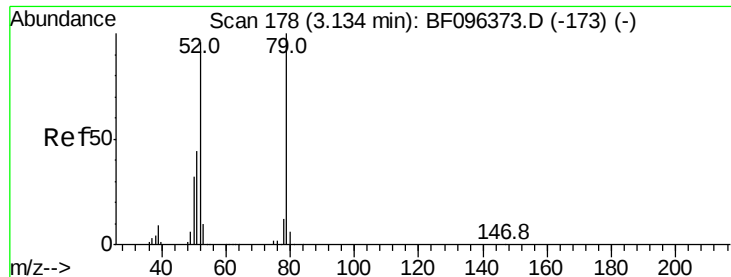
1,4-Dioxane
Concen: 36.87 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.03 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion: 88 Resp: 159181
Ion Ratio Lower Upper
88 100
58 98.3 61.4 92.0#
43 38.4 23.4 35.0#



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





#3

Pvridine

Concen: 33.56 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.04 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampled :

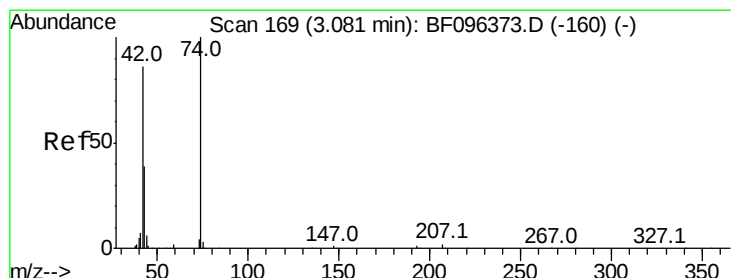
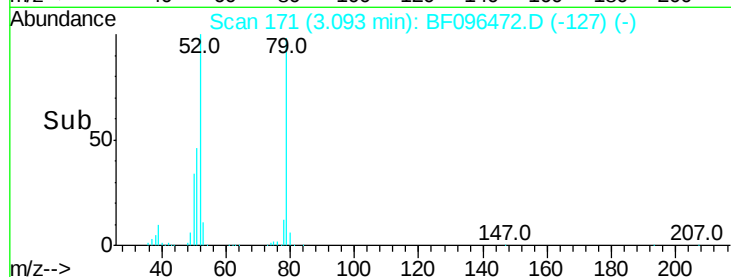
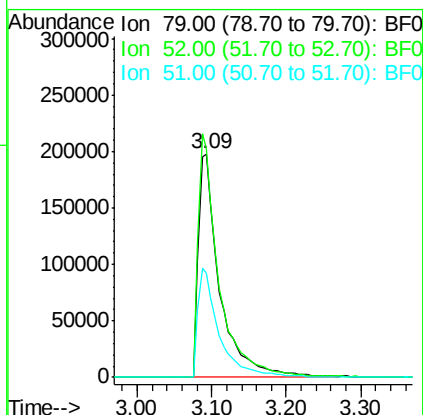
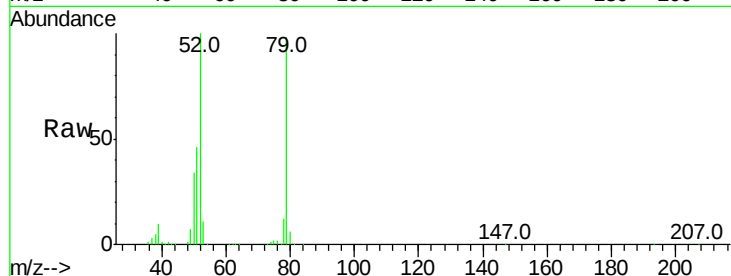
Tot Ion: 79 Resp: 397487

Ion Ratio Lower Upper

79 100

52 102.1 54.8 82.2#

51 46.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 36.27 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.04 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

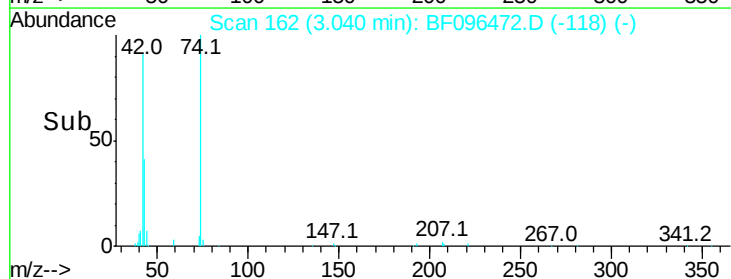
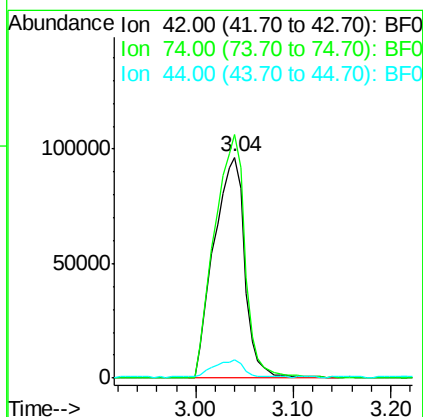
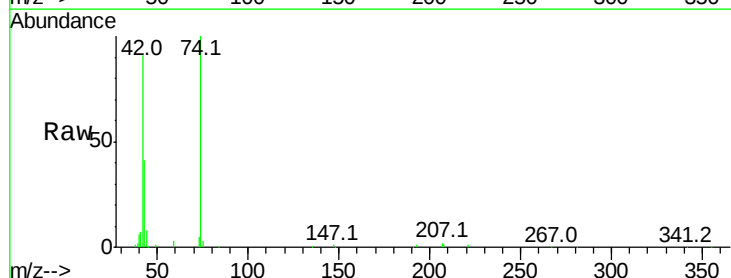
Tgt Ion: 42 Resp: 212029

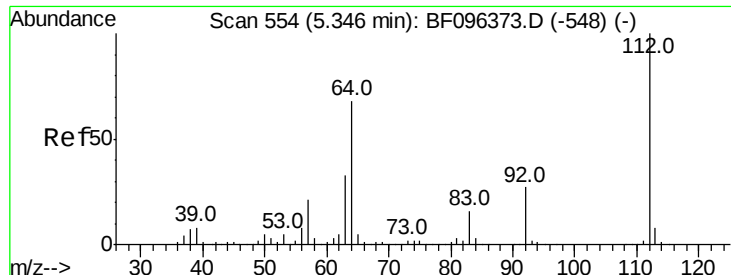
Ion Ratio Lower Upper

42 100

74 110.2 103.9 155.9

44 8.3 5.7 8.5

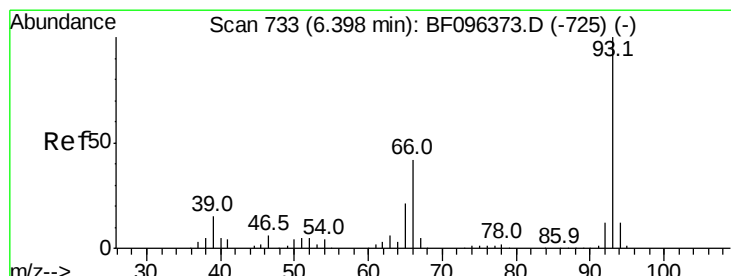
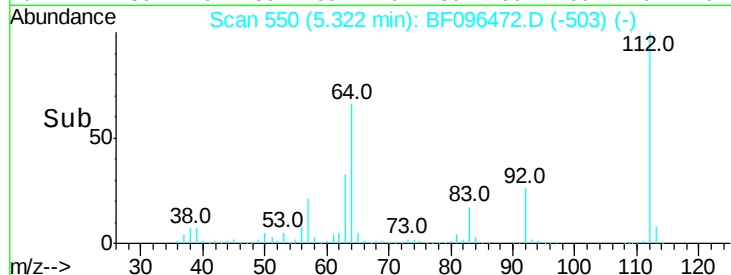
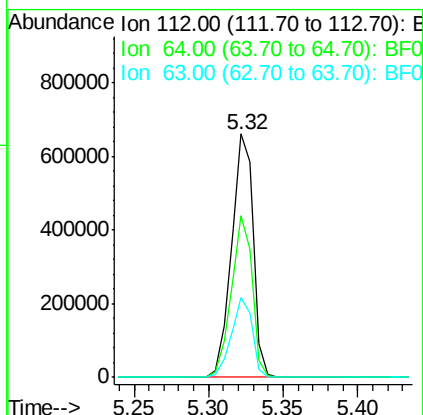
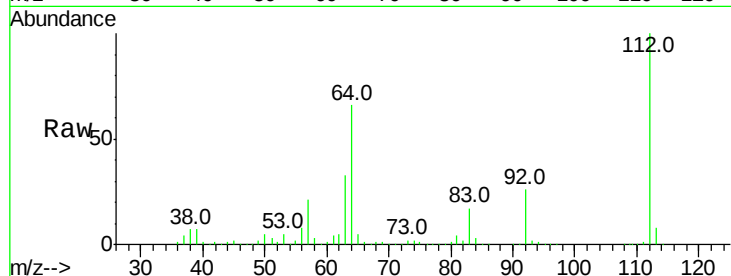




#5
 2-Fluorophenol
 Concen: 74.45 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

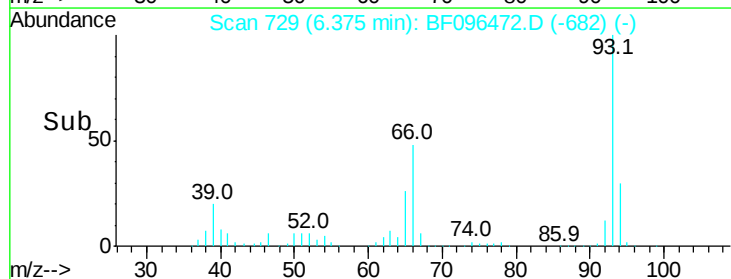
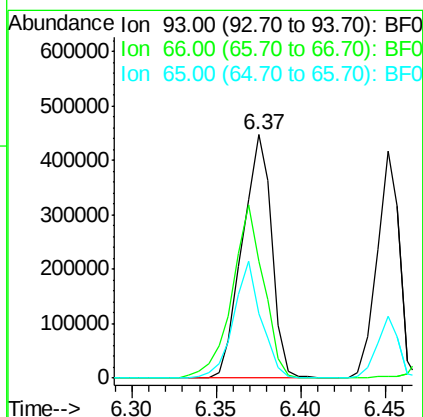
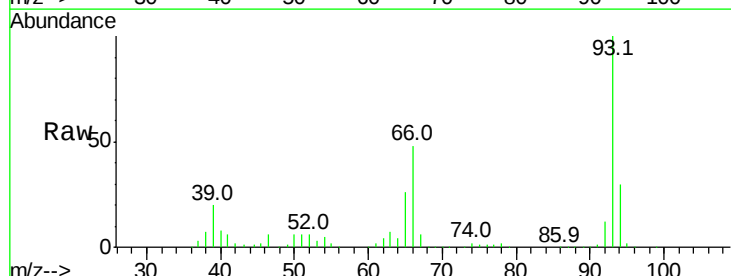
Instrument :
 BNA_F
 ClientSampleId :

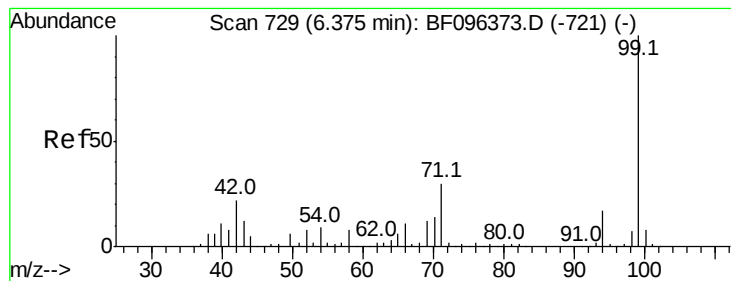
Tot Ion:112 Resp: 677853
 Ion Ratio Lower Upper
 112 100
 64 66.5 46.0 69.0
 63 33.0 23.4 35.0



#6
 Aniline
 Concen: 37.70 ng
 RT: 6.37 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion: 93 Resp: 545368
 Ion Ratio Lower Upper
 93 100
 66 48.3 32.9 49.3
 65 26.2 16.0 24.0#





#7

Phenol-d6

Concen: 75.90 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

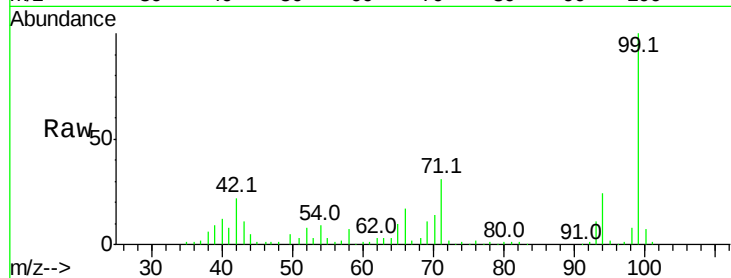
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 849522

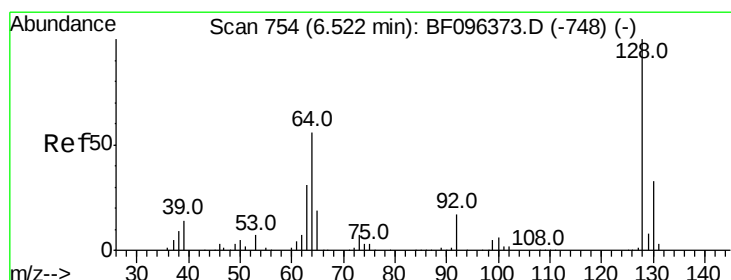
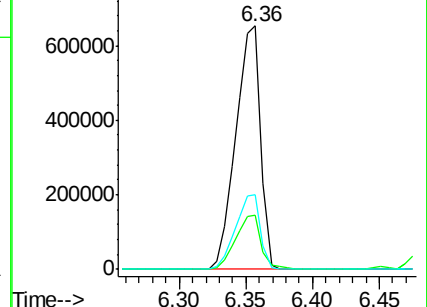
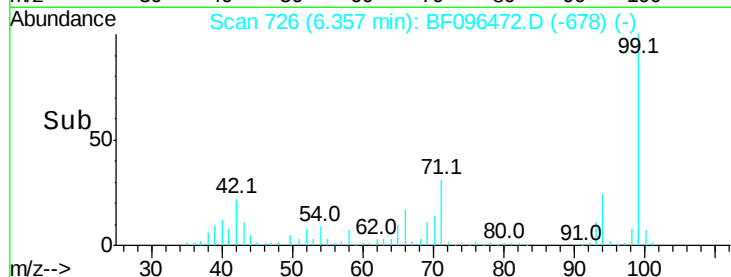
Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	30.9	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.44 ng

RT: 6.50 min Scan# 750

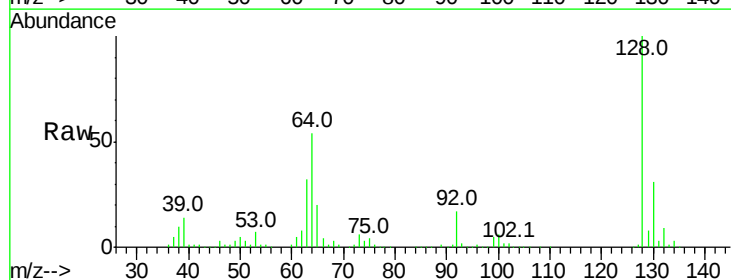
Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Tgt Ion: 128 Resp: 412049

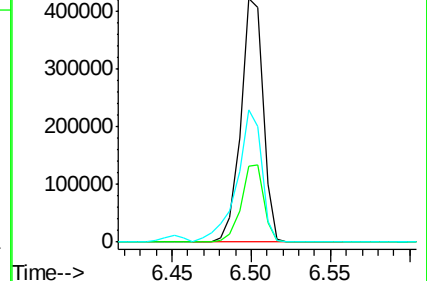
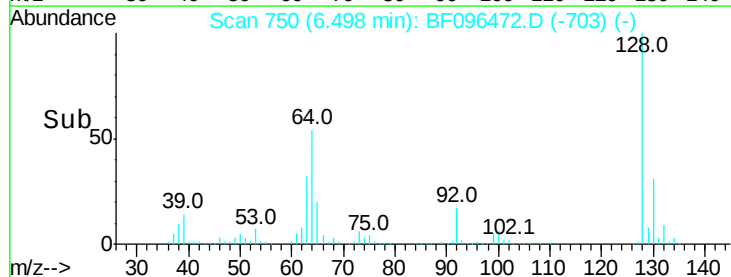
Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.9	52.9
64	54.4	28.4	68.4

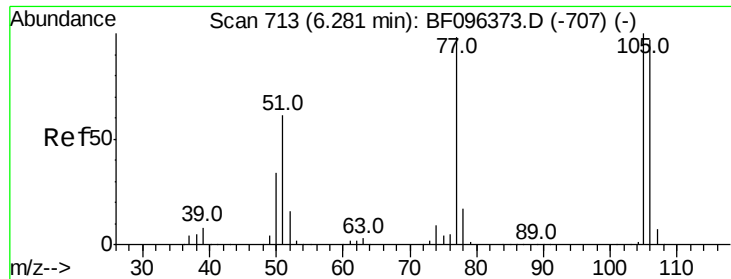


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

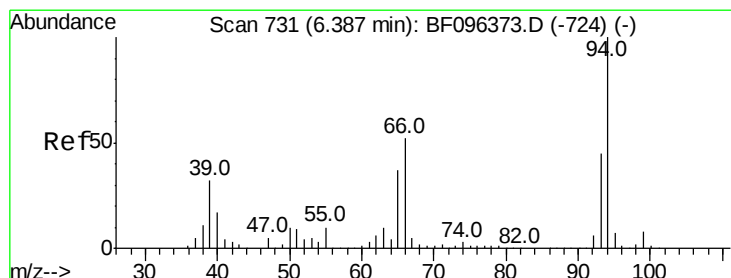
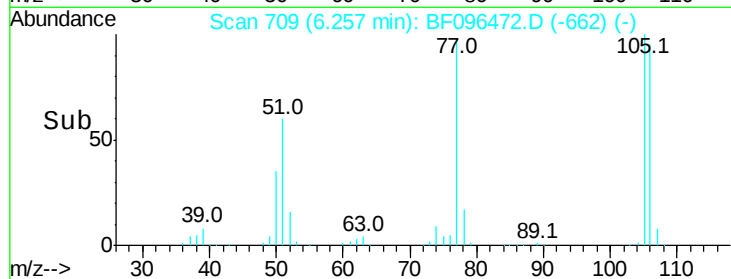
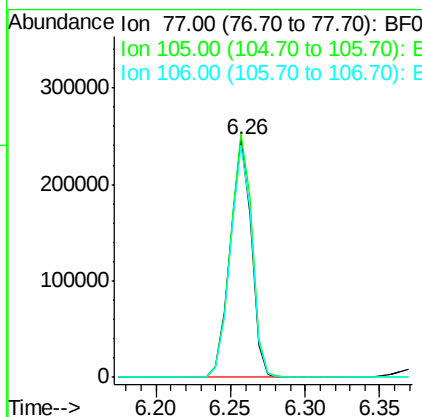
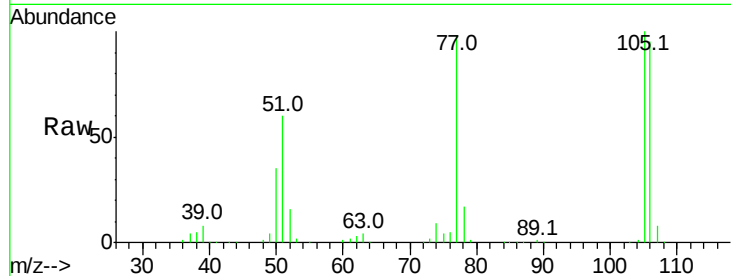




#9
Benzaldehyde
Concen: 35.67 ng
RT: 6.26 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

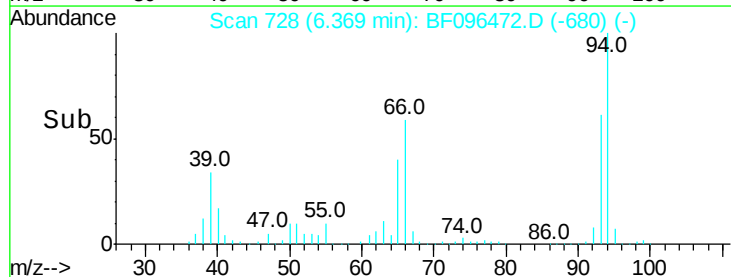
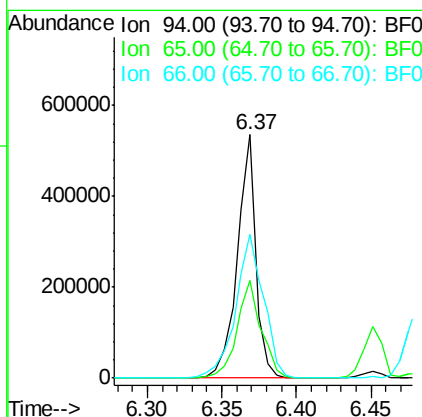
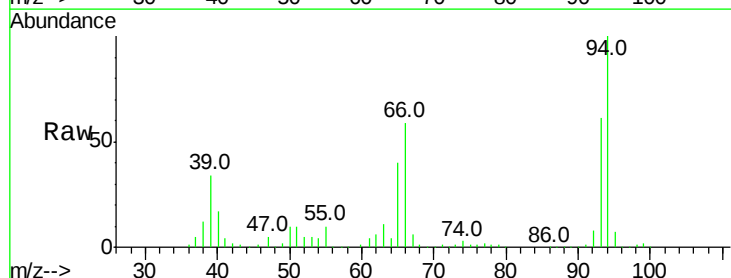
Instrument :
BNA_F
ClientSampleId :

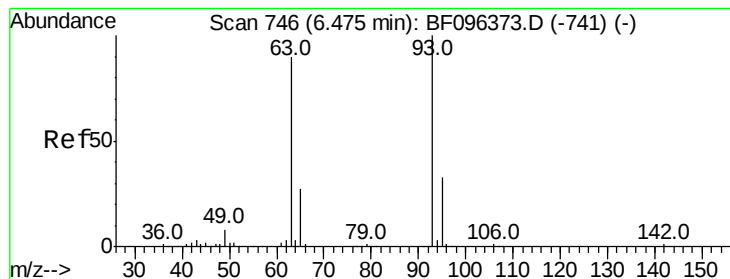
Tot Ion: 77 Resp: 249865
Ion Ratio Lower Upper
77 100
105 102.2 83.8 123.8
106 97.6 79.1 119.1



#10
Phenol
Concen: 36.72 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion: 94 Resp: 468160
Ion Ratio Lower Upper
94 100
65 40.2 9.9 49.9
66 59.3 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.80 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

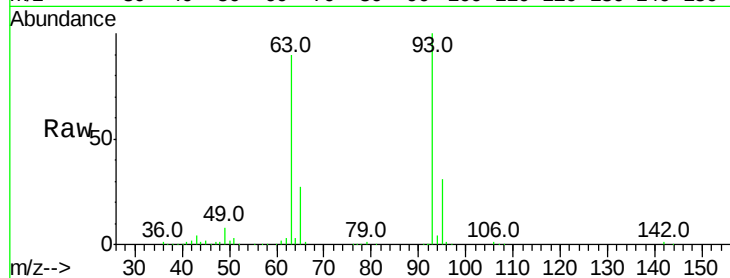
Tot Ion: 93 Resp: 382312

Ion Ratio Lower Upper

93 100

63 90.2 59.2 99.2

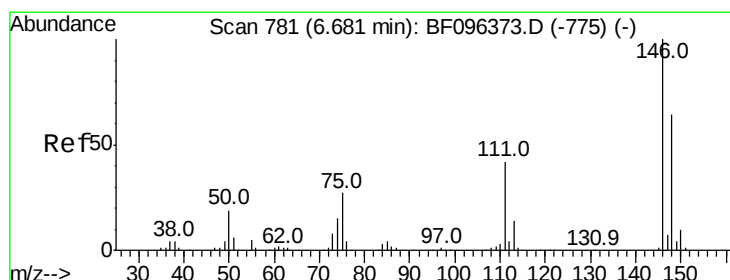
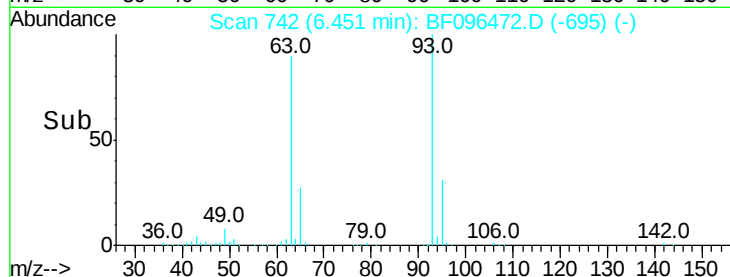
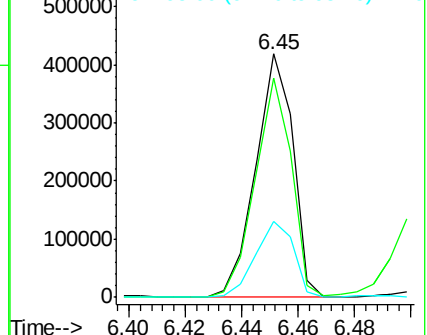
95 31.2 12.8 52.8



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: 40.92 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

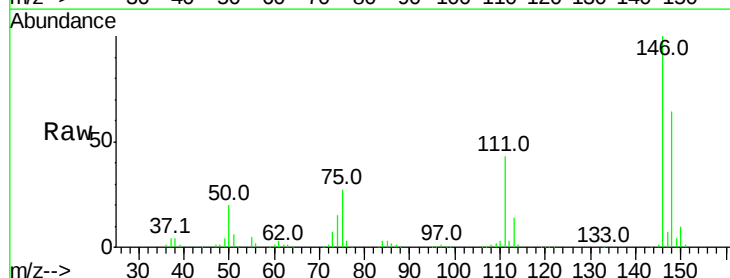
Tgt Ion: 146 Resp: 416529

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

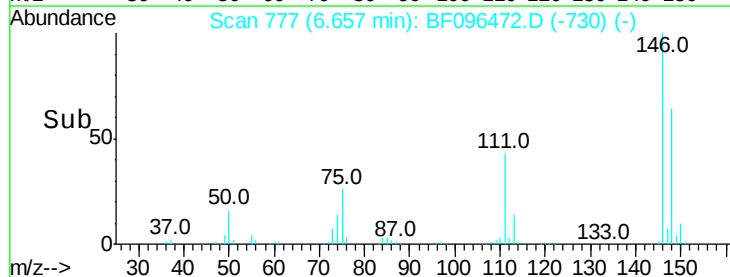
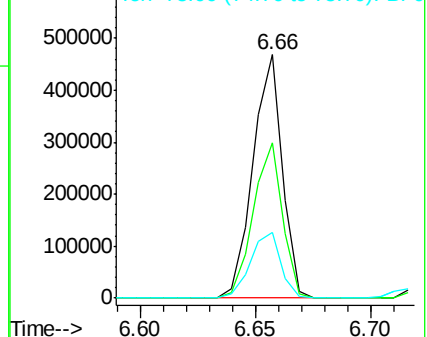
75 27.0 23.1 34.7

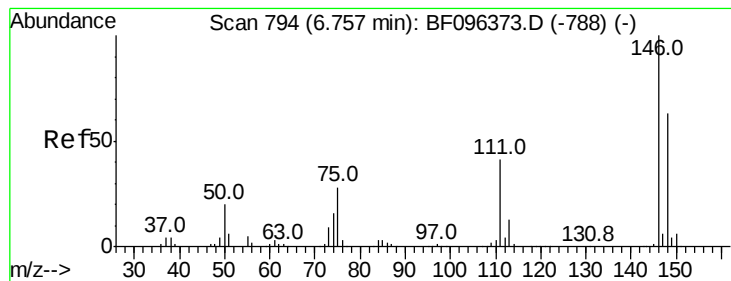


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.03 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

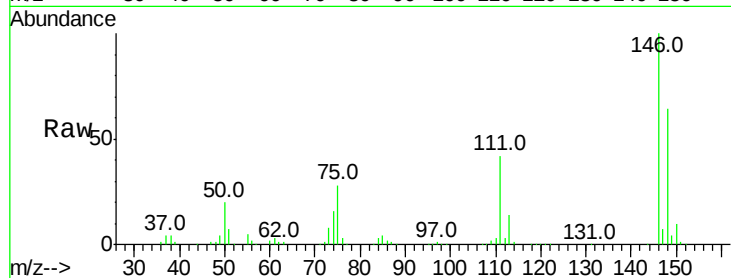
Tot Ion:146 Resp: 417494

Ion Ratio Lower Upper

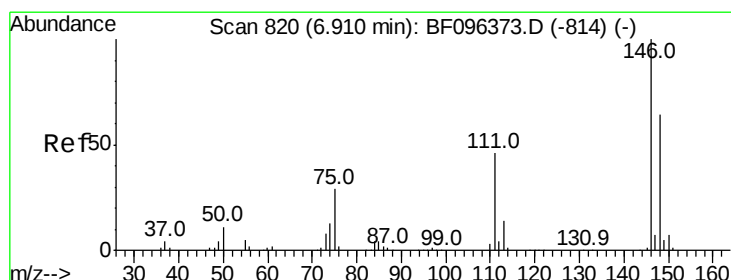
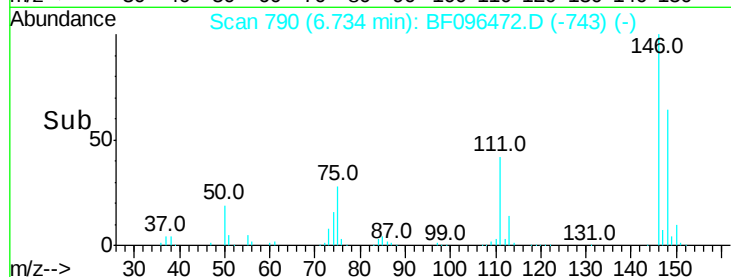
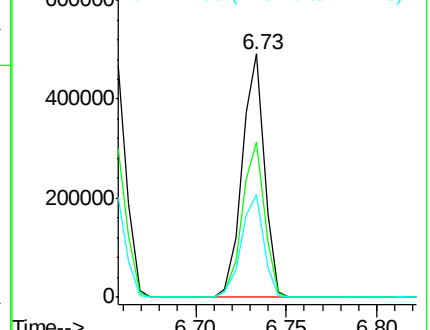
146 100

148 63.7 52.2 78.2

111 42.2 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 41.15 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

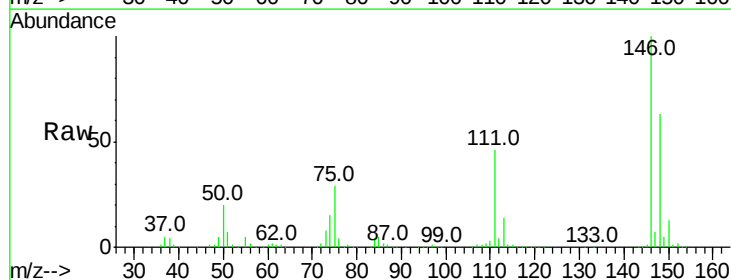
Tgt Ion:146 Resp: 384455

Ion Ratio Lower Upper

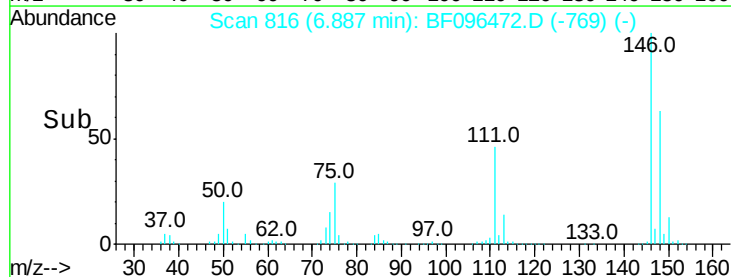
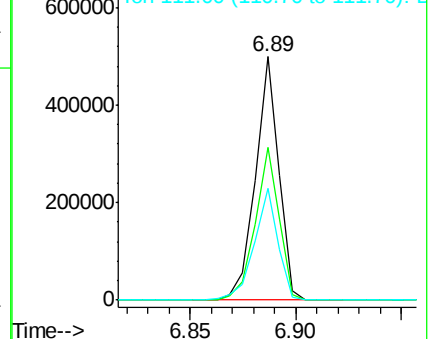
146 100

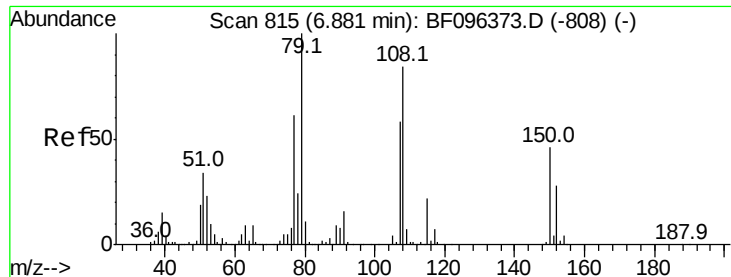
148 62.8 50.4 75.6

111 45.7 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: 39.33 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampled :

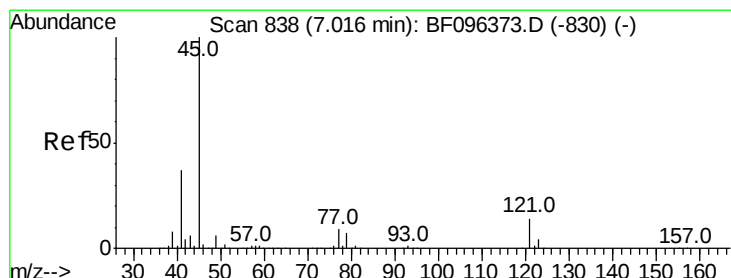
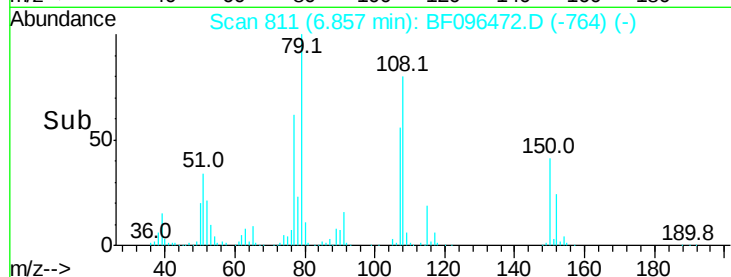
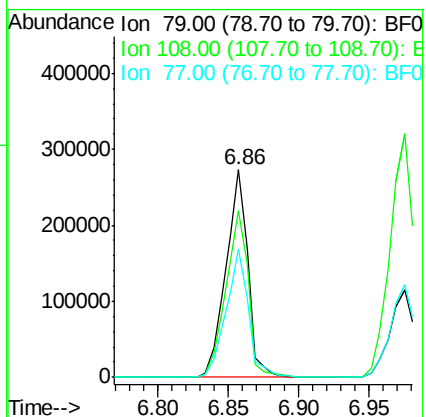
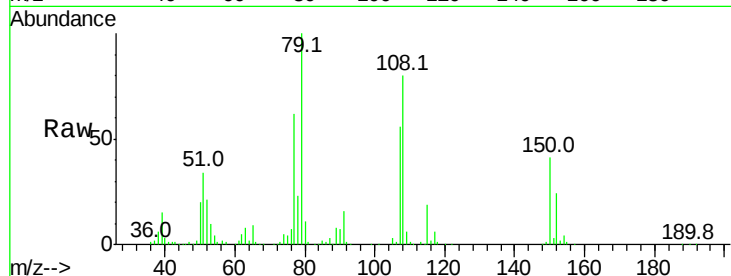
Tot Ion: 79 Resp: 294232

Ion Ratio Lower Upper

79 100

108 80.4 63.4 95.0

77 61.9 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.13 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

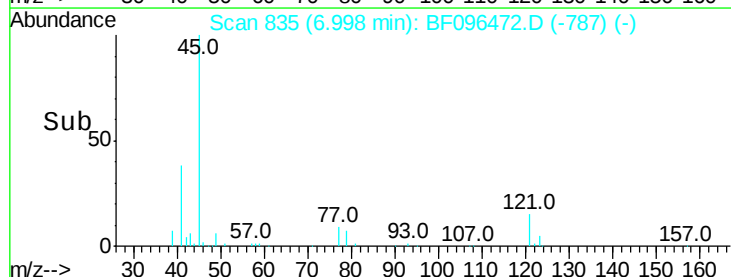
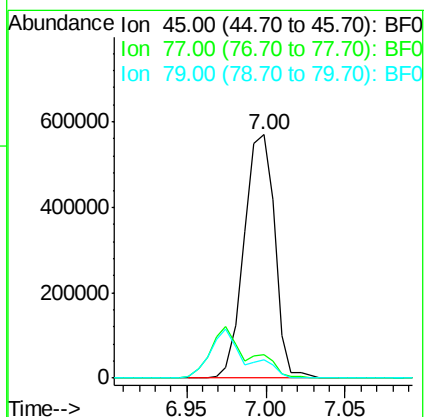
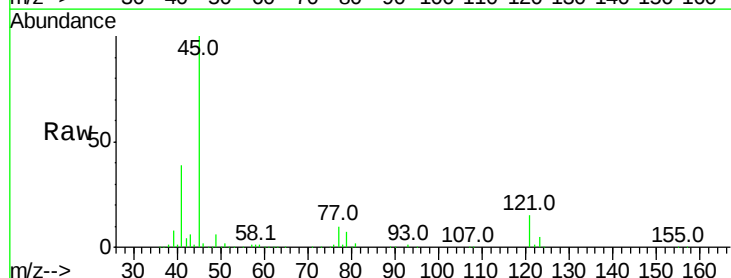
Tgt Ion: 45 Resp: 763769

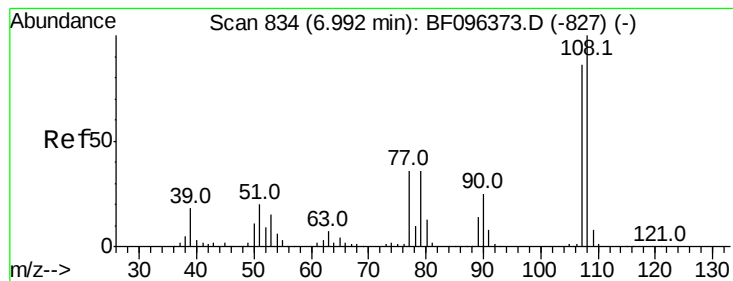
Ion Ratio Lower Upper

45 100

77 9.5 0.0 33.2

79 7.3 0.0 30.0

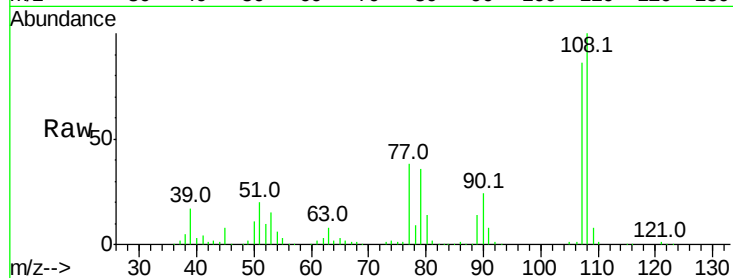




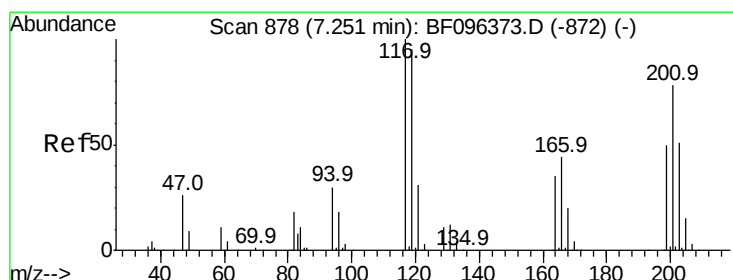
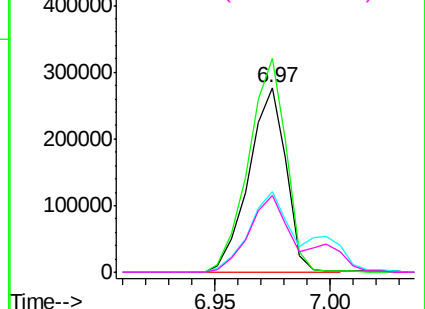
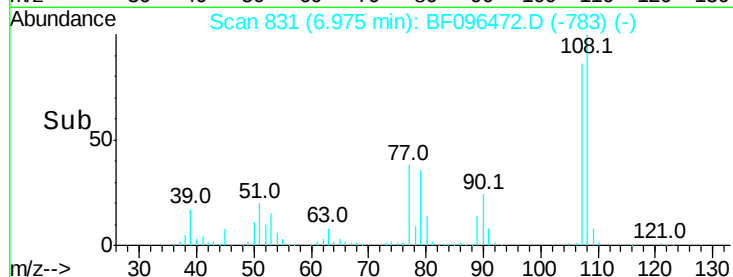
#17
2-Methylphenol
Concen: 40.29 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 311722
Ion Ratio Lower Upper
107 100
108 115.8 93.4 140.0
77 43.8 35.8 53.6
79 41.9 34.8 52.2

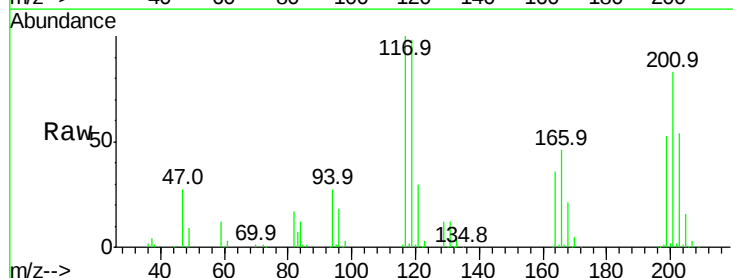


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

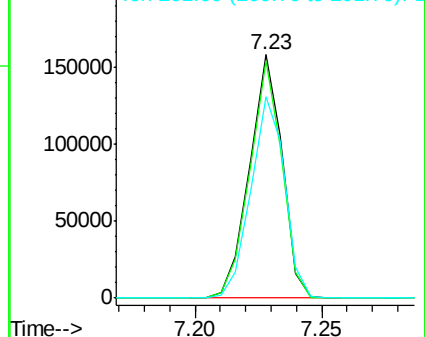
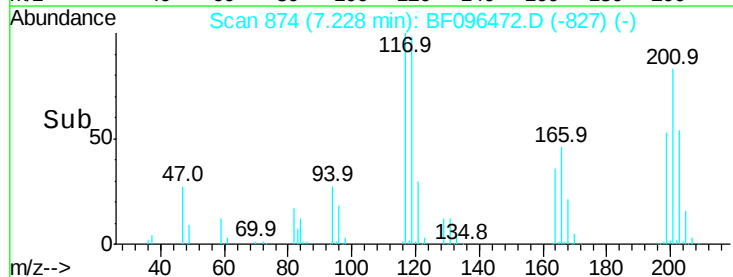


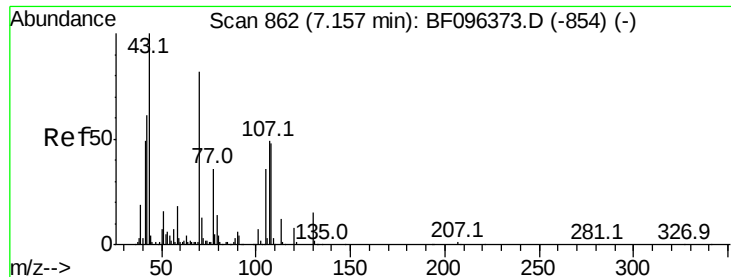
#18
Hexachloroethane
Concen: 38.31 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:117 Resp: 141320
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.0
201 82.7 94.6 141.8#



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

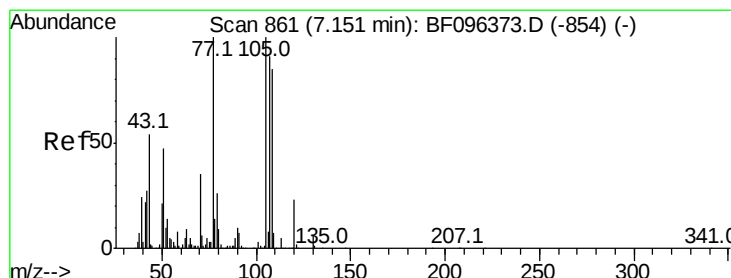
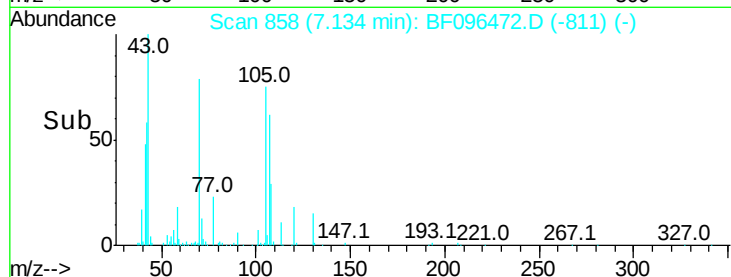
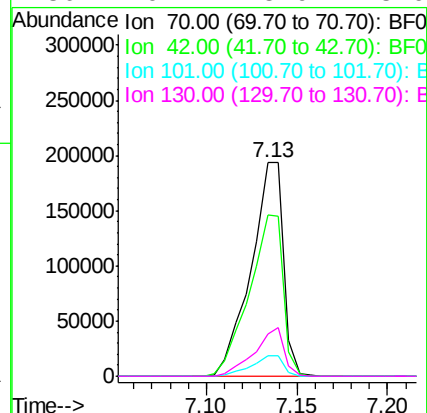
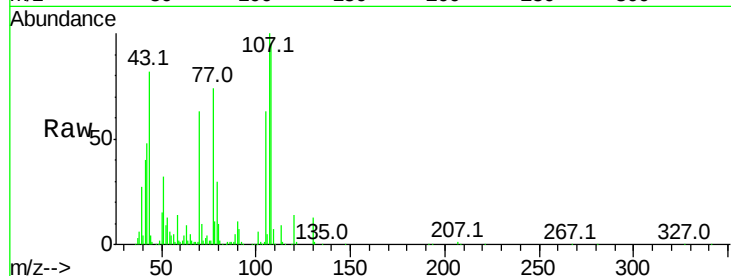




#19
n-Nitroso-di-n-propylamine
Concen: 36.24 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

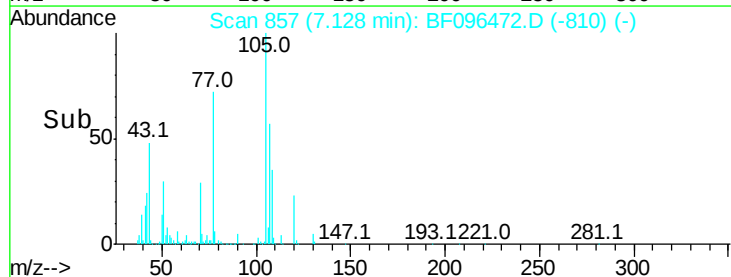
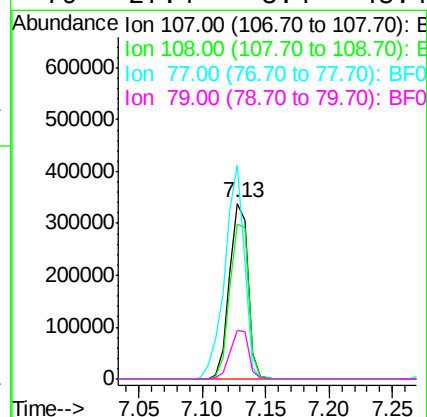
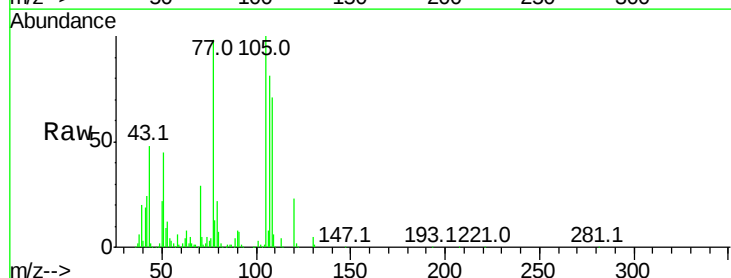
Instrument :
BNA_F
ClientSampleId :

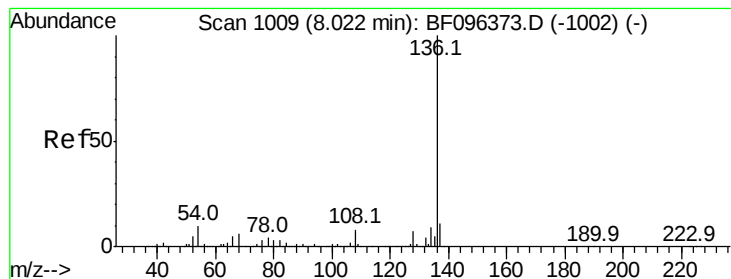
Tot Ion: 70 Resp: 241663
Ion Ratio Lower Upper
70 100
42 75.3 47.2 70.8#
101 9.4 7.2 10.8
130 19.7 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.74 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion: 107 Resp: 342984
Ion Ratio Lower Upper
107 100
108 88.4 71.0 111.0
77 121.3 90.5 130.5
79 27.4 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF096472.D

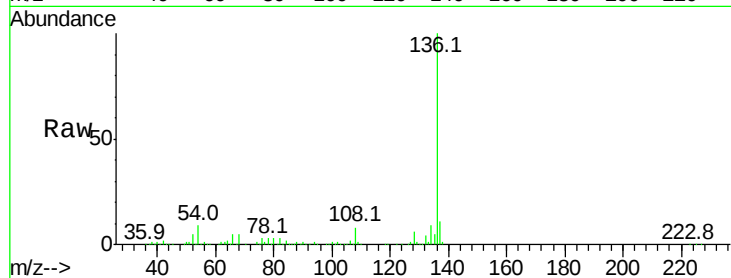
Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	554853
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	9.4	4.9 7.3#
68	5.0	4.1 6.1

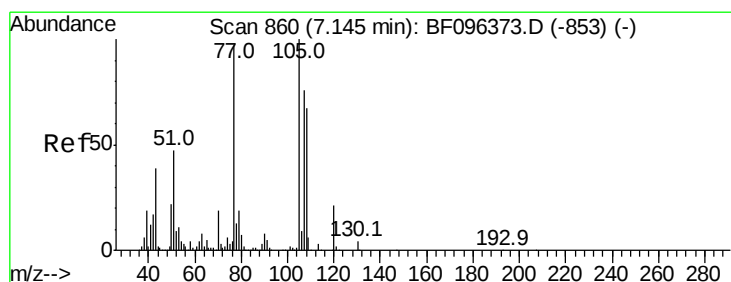
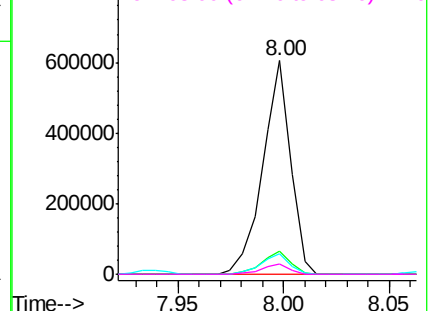
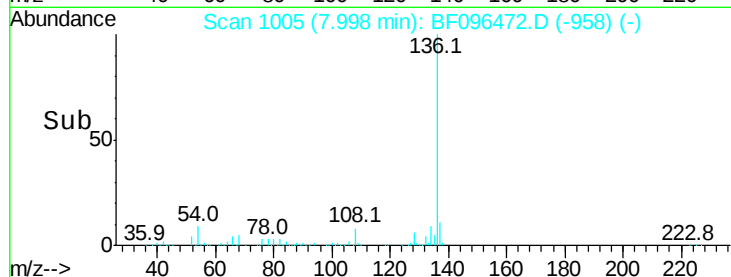


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.27 ng

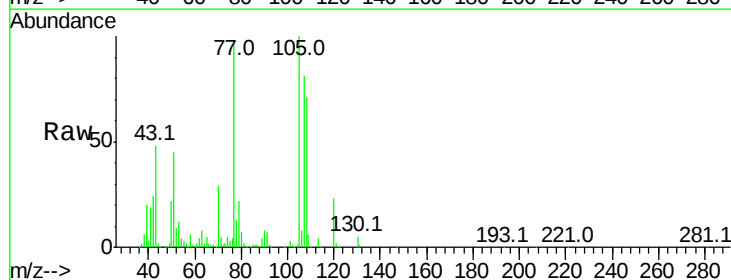
RT: 7.13 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Tgt Ion:105	Resp:	463938
Ion Ratio	Lower	Upper
105	100	
71	4.6	2.8 4.2#
51	45.3	30.7 46.1
120	22.6	17.4 26.0

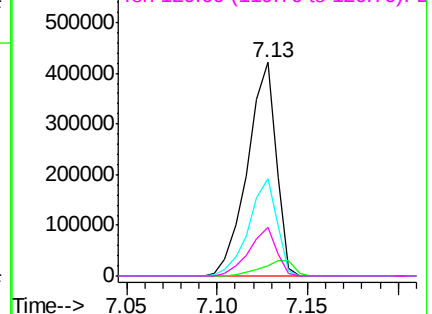
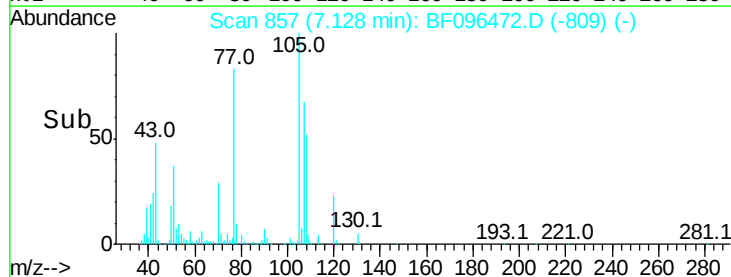


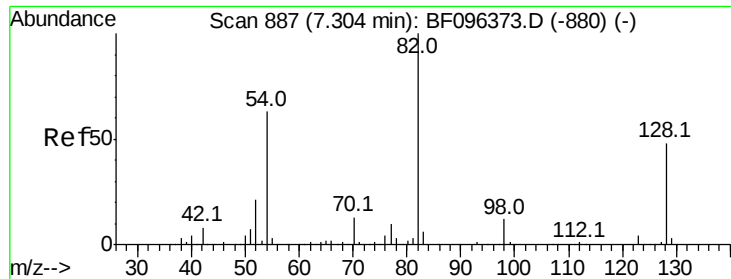
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

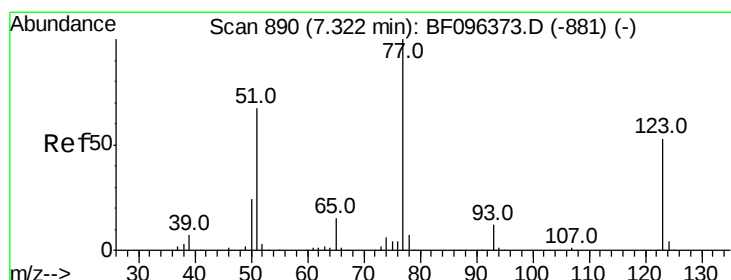
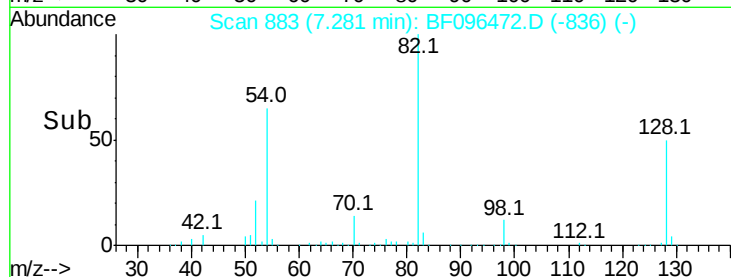
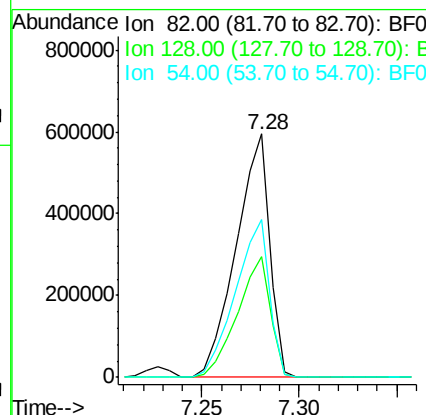
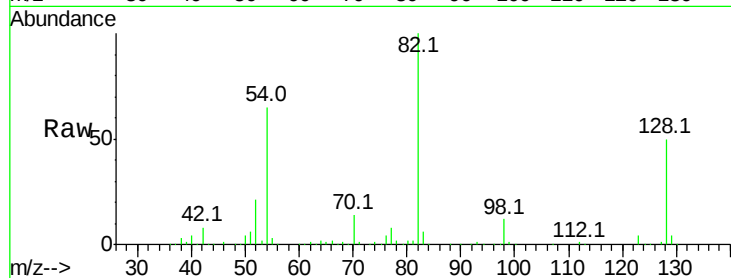




#23
Nitrobenzene-d5
Concen: 76.71 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

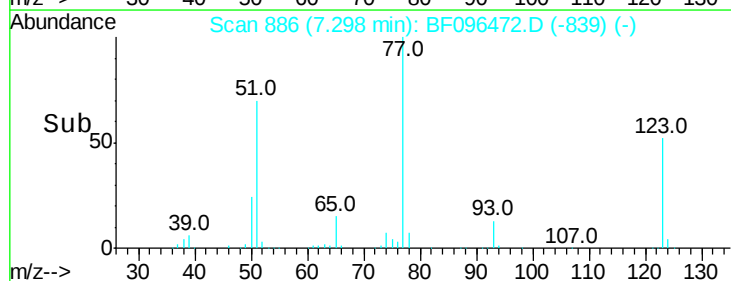
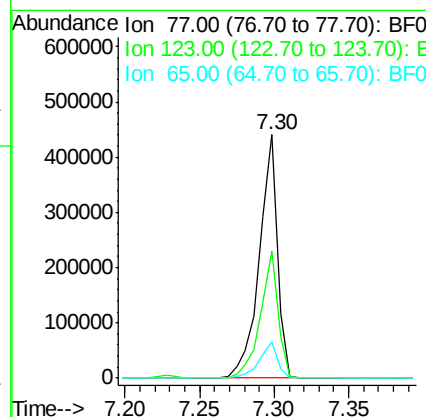
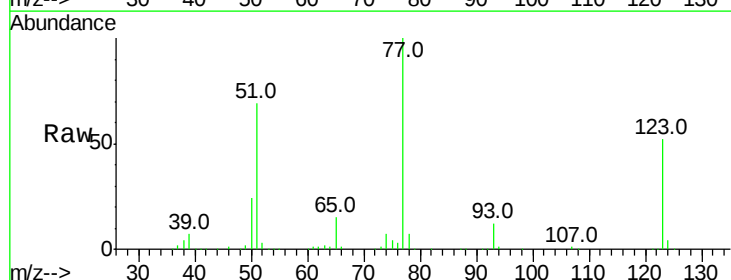
Instrument :
BNA_F
ClientSampleId :

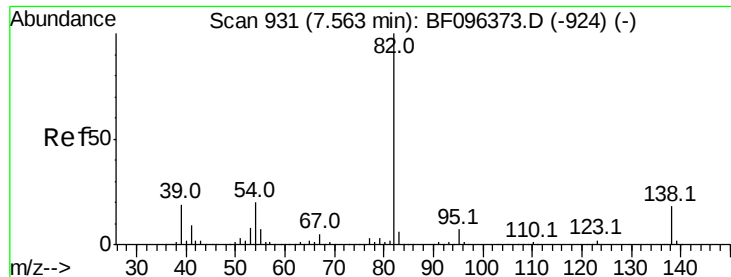
Tot Ion: 82 Resp: 708307
Ion Ratio Lower Upper
82 100
128 49.8 34.0 51.0
54 64.9 42.2 63.2#



#24
Nitrobenzene
Concen: 37.98 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion: 77 Resp: 367927
Ion Ratio Lower Upper
77 100
123 52.0 35.8 53.8
65 15.1 10.6 15.8





#25

Isophorone

Concen: 36.89 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

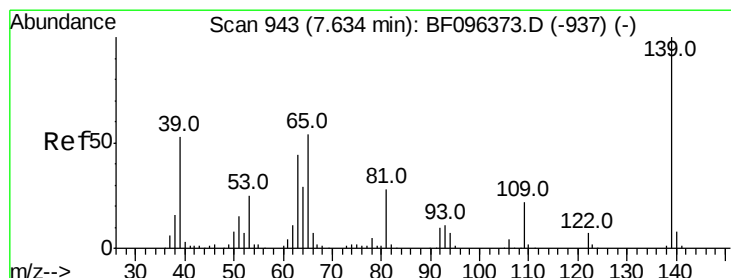
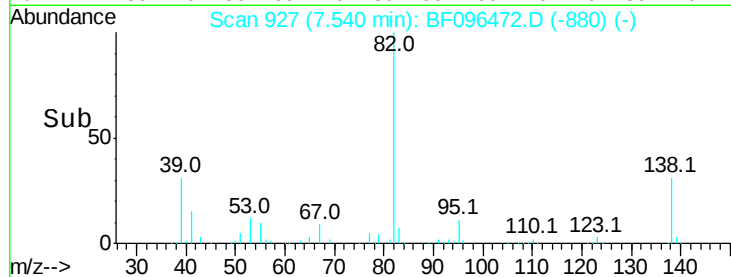
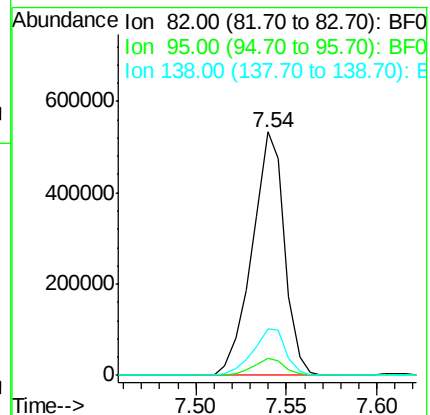
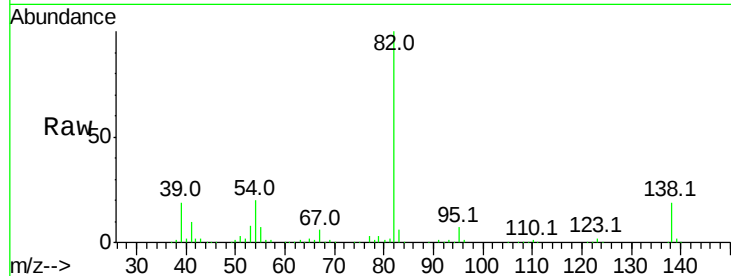
Tot Ion: 82 Resp: 660383

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 41.35 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

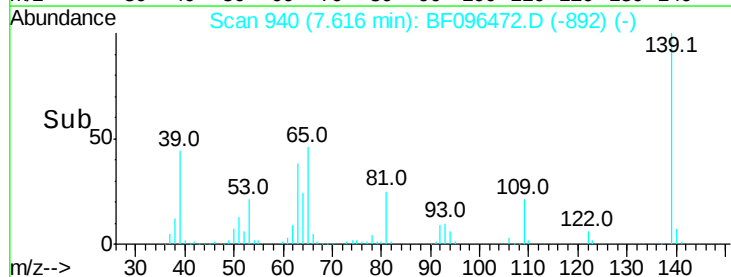
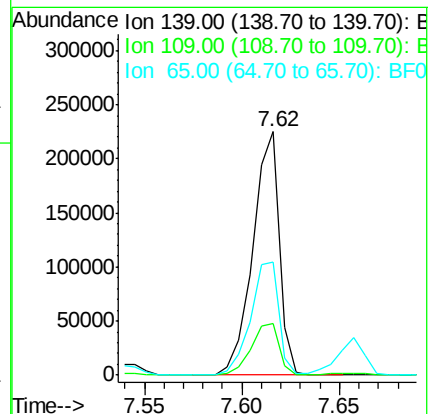
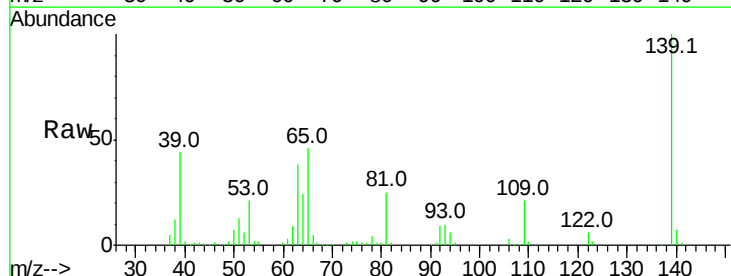
Tgt Ion: 139 Resp: 211987

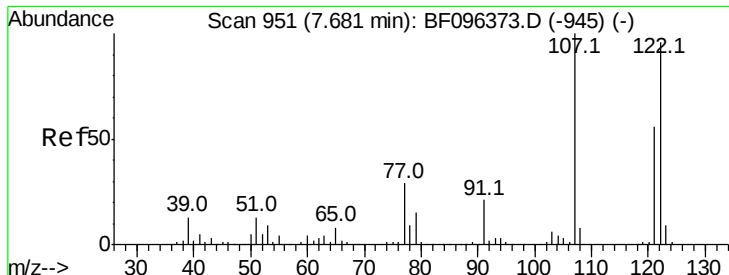
Ion Ratio Lower Upper

139 100

109 21.1 21.0 31.6

65 46.4 33.0 49.6

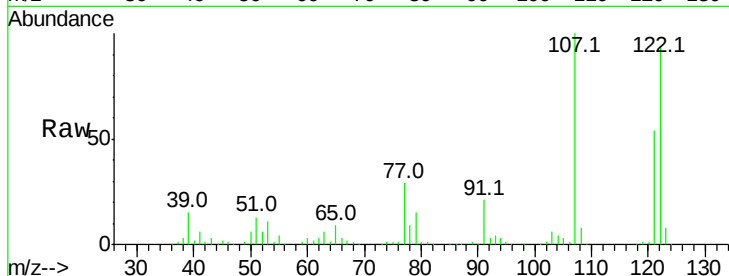




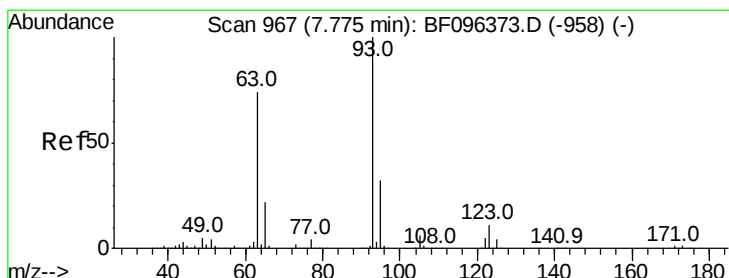
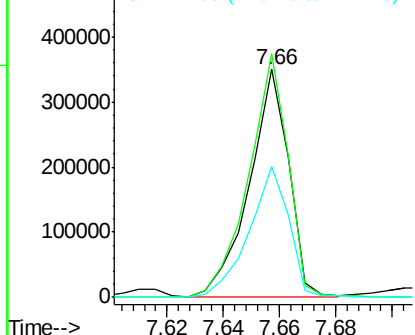
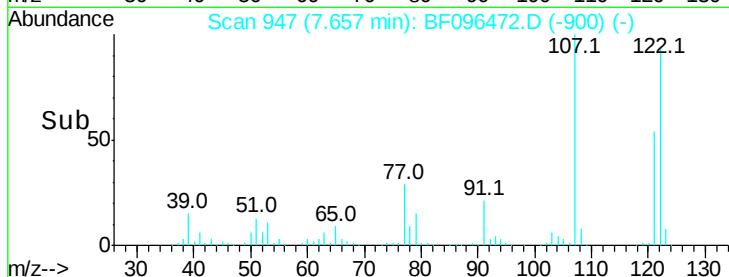
#27
 2,4-Dimethylphenol
 Concen: 38.93 ng
 RT: 7.66 min Scan# 947
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 339840
 Ion Ratio Lower Upper
 122 100
 107 106.9 89.2 133.8
 121 57.7 45.2 67.8

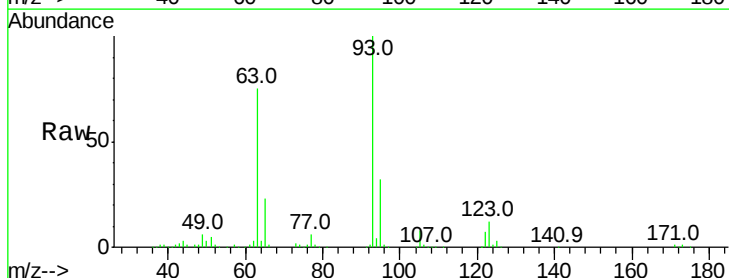


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

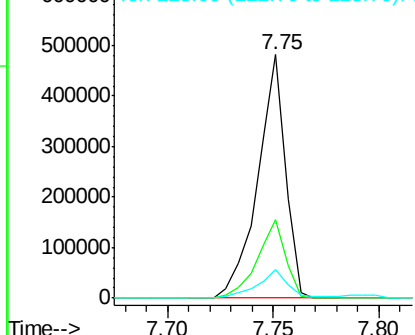
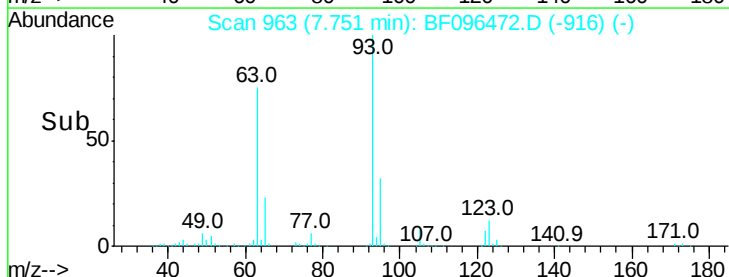


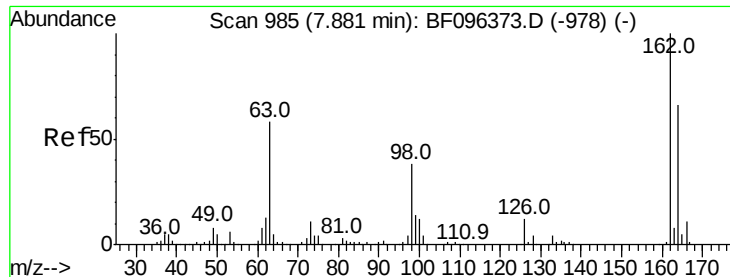
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.27 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion: 93 Resp: 440485
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 11.5 9.0 13.4



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

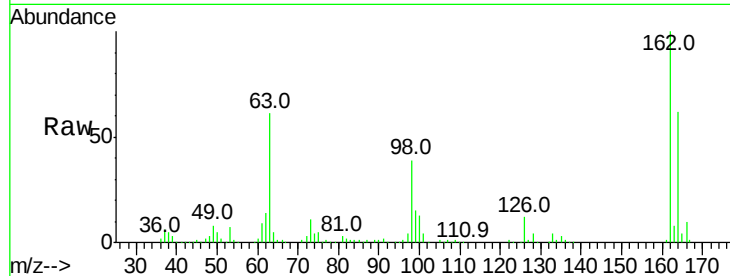




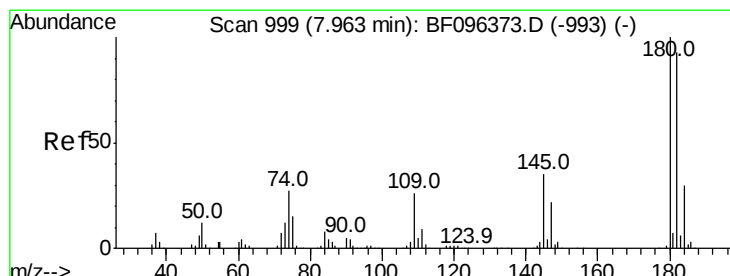
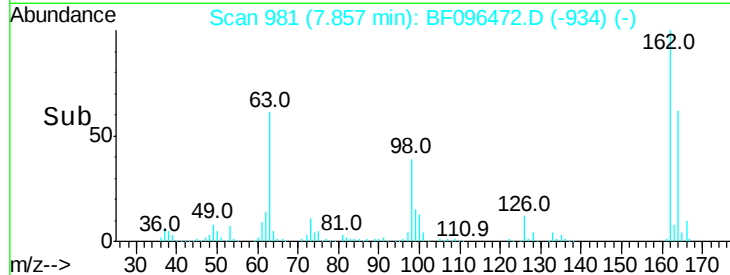
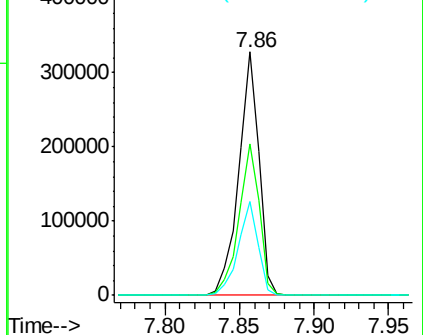
#29
 2,4-Dichlorophenol
 Concen: 41.43 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.6	84.6
98	38.6	14.8	54.8

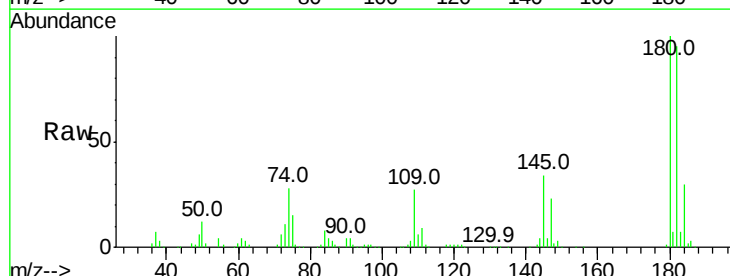


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

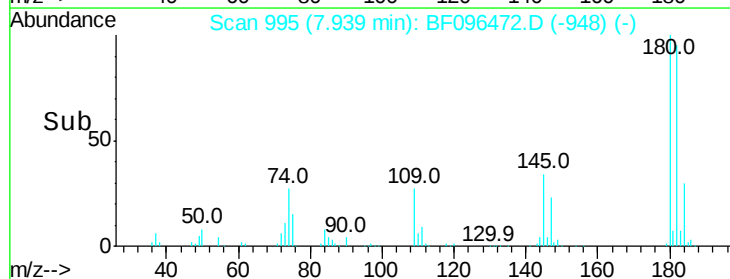
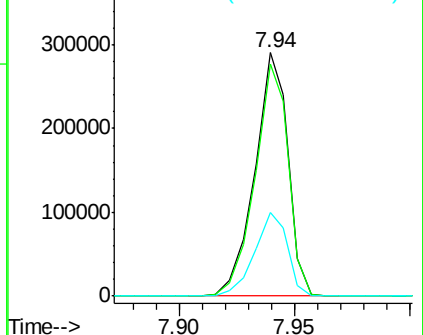


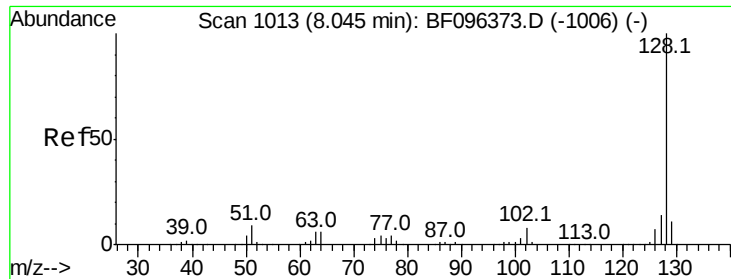
#30
 1,2,4-Trichlorobenzene
 Concen: 40.89 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	34.3	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

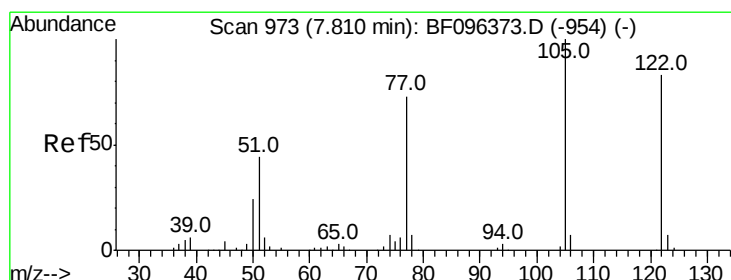
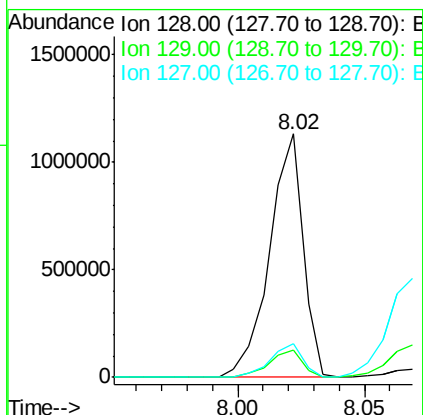
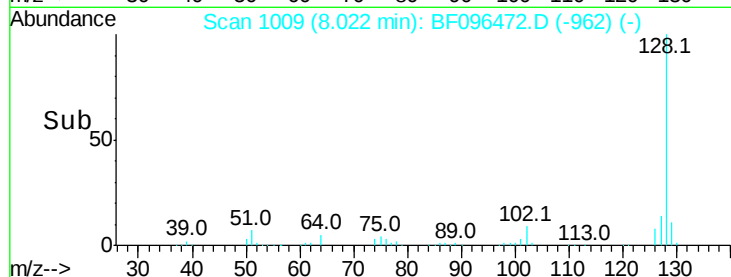
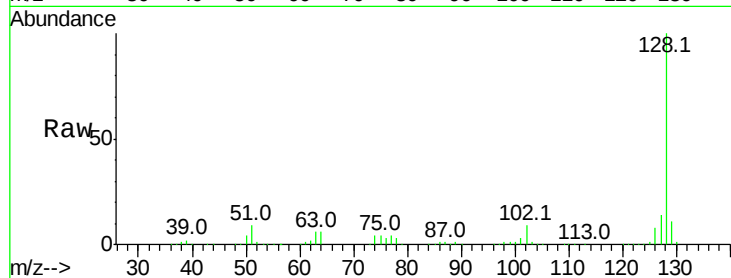




#31
Naphthalene
Concen: 39.84 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

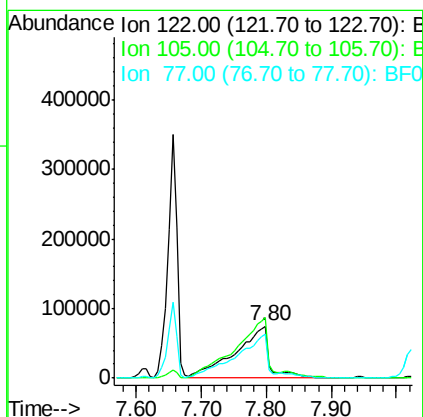
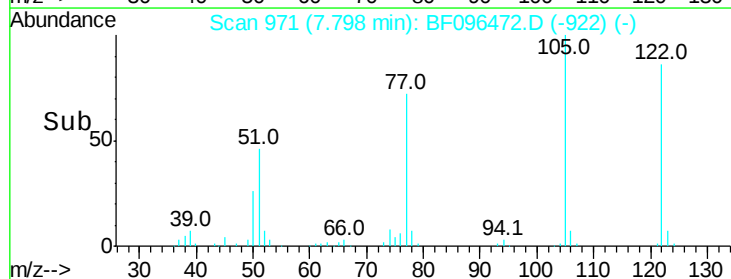
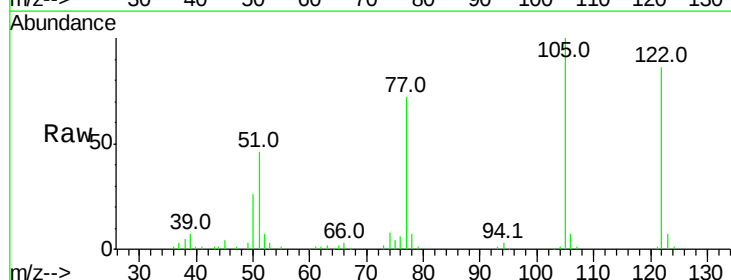
Instrument :
BNA_F
ClientSampled :

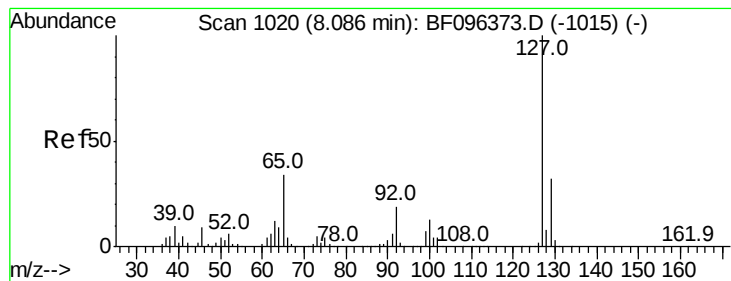
Tot Ion:128 Resp: 1043555
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 36.91 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:122 Resp: 270623
Ion Ratio Lower Upper
122 100
105 116.2 103.3 143.3
77 83.7 73.7 113.7





#33

4-Chloroaniline

Concen: 40.58 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 441500

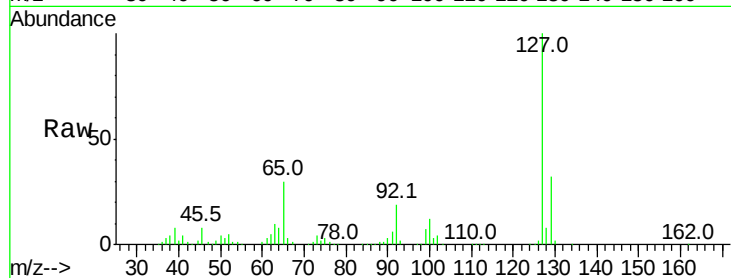
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.2

65 30.3 27.8 41.8

92 18.7 16.8 25.2

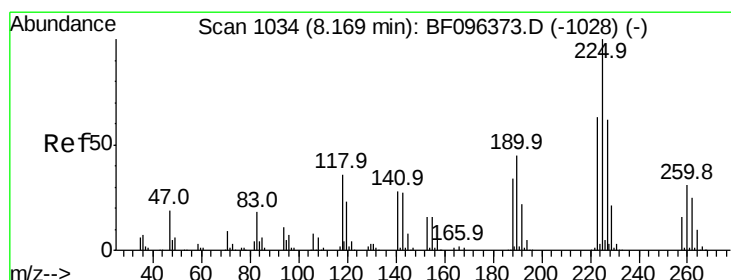
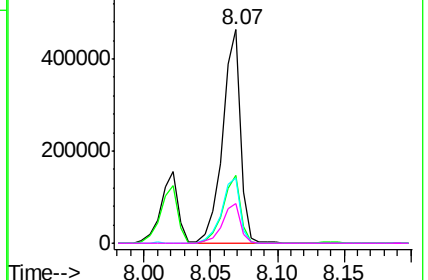
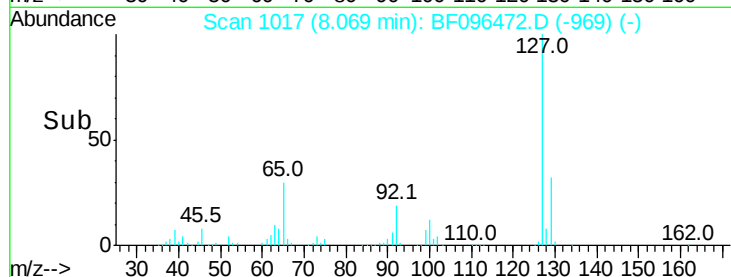


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.42 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

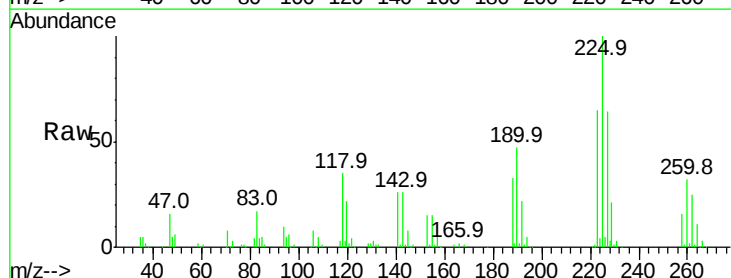
Tgt Ion:225 Resp: 150927

Ion Ratio Lower Upper

225 100

223 65.2 48.8 73.2

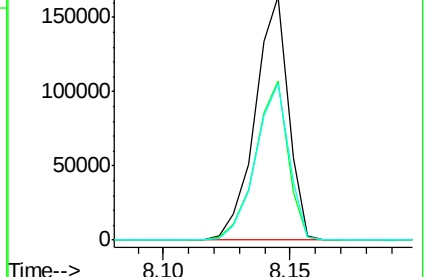
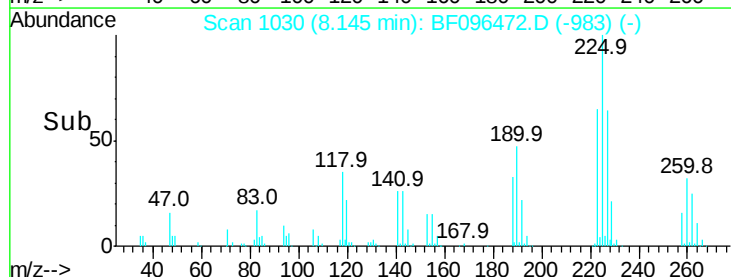
227 64.2 51.1 76.7

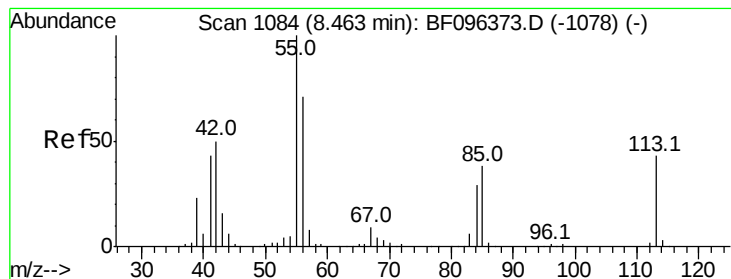


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.33 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampled :

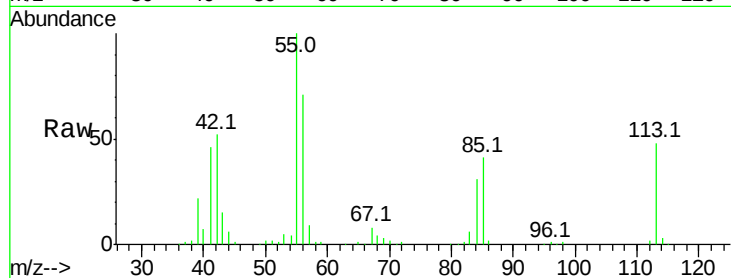
Tot Ion:113 Resp: 99553

Ion Ratio Lower Upper

113 100

55 206.5 150.2 190.2#

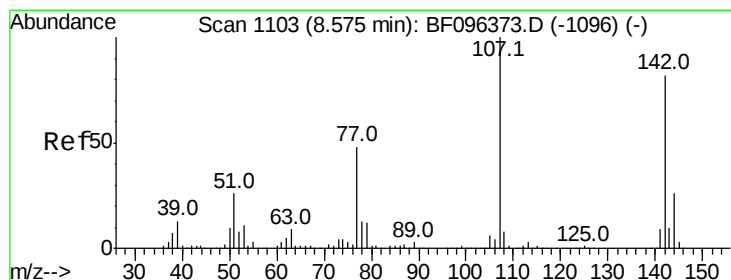
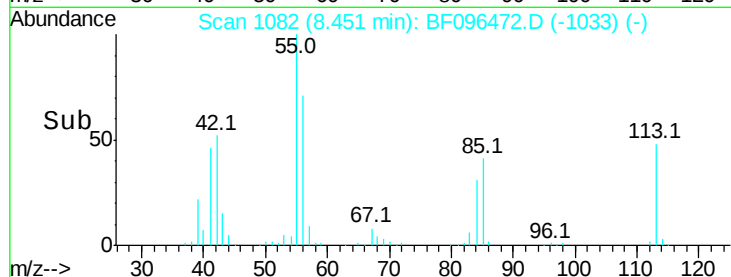
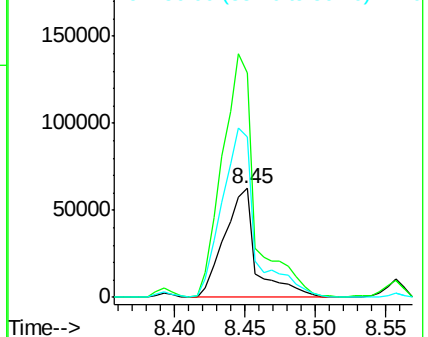
56 147.4 107.8 147.8



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: 40.11 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

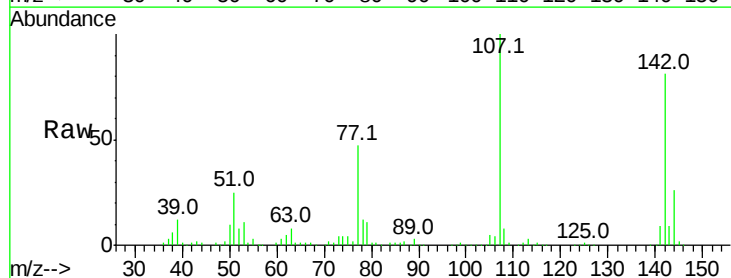
Tgt Ion:107 Resp: 334287

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

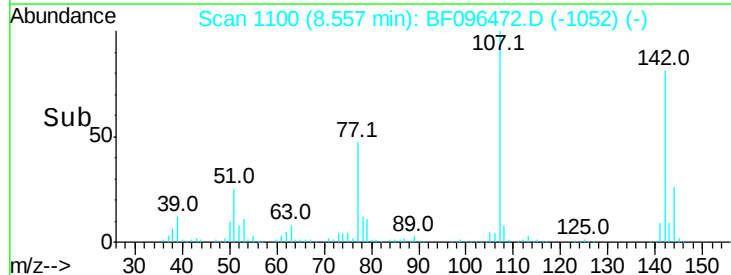
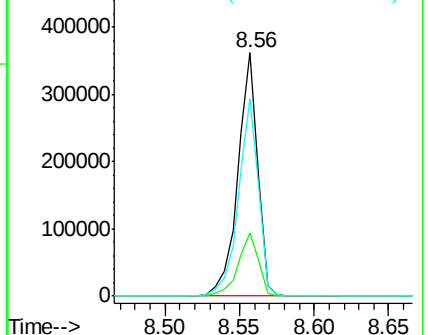
142 81.4 73.4 110.0

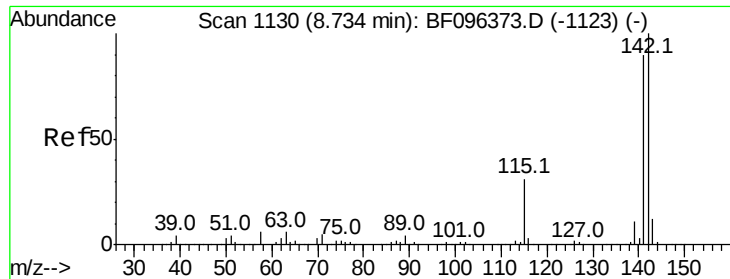


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

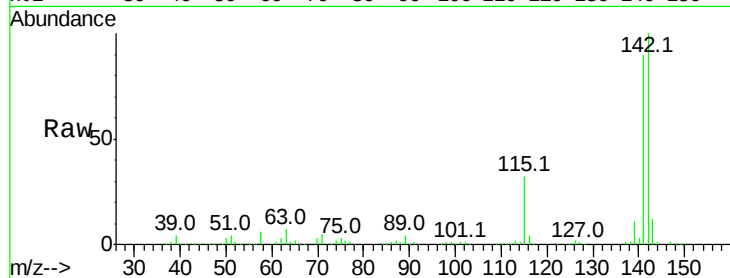




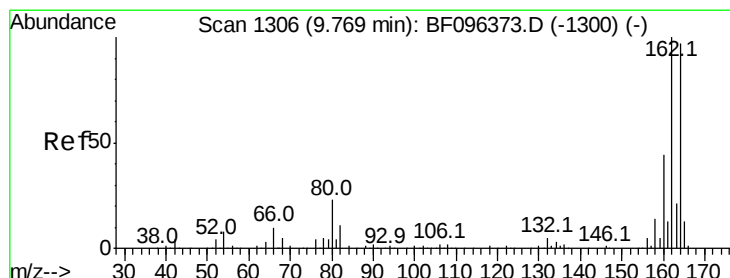
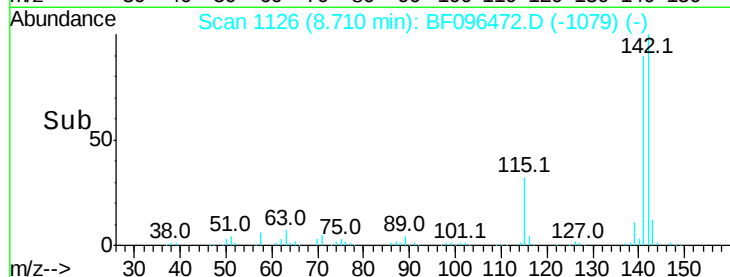
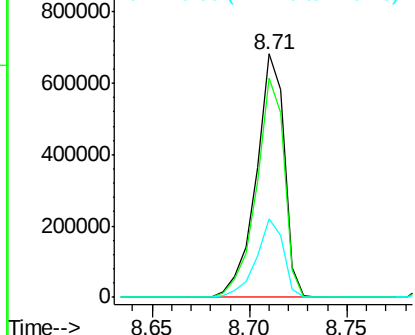
#37
2-Methylnaphthalene
Concen: 40.94 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 682577
Ion Ratio Lower Upper
142 100
141 90.3 71.3 106.9
115 32.5 27.1 40.7

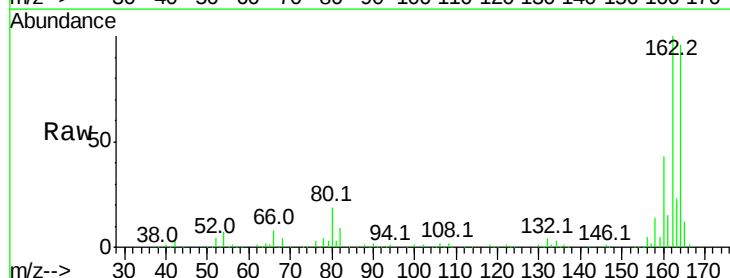


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

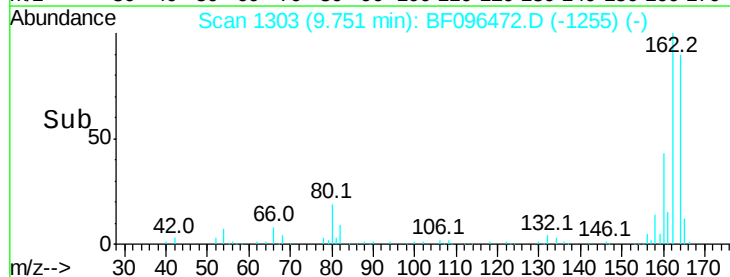
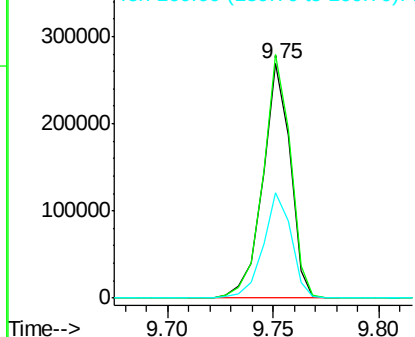


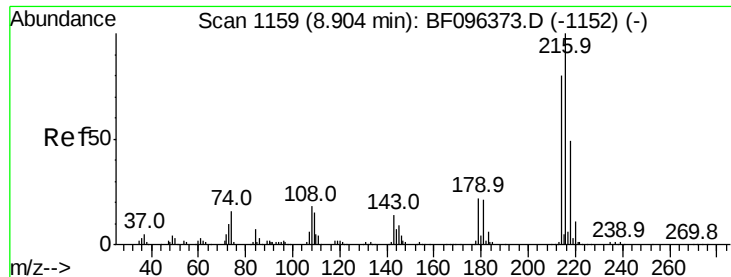
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:164 Resp: 243188
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 44.7 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.19 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 266424

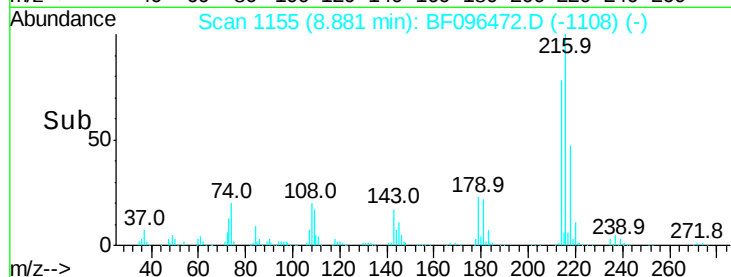
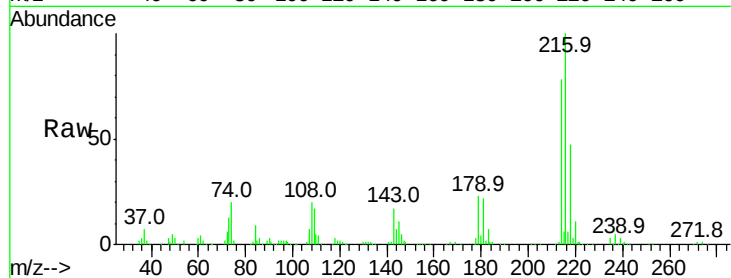
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 22.2 17.9 26.9

108 20.4 16.5 24.7

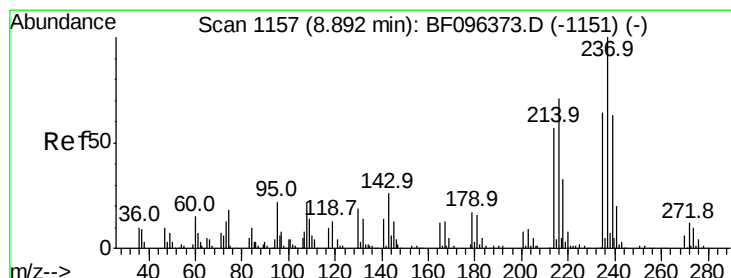
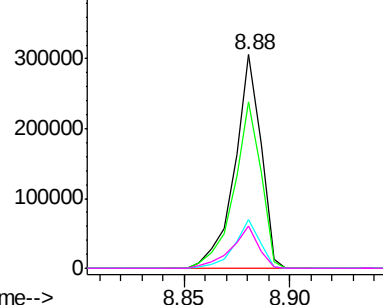


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.84 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

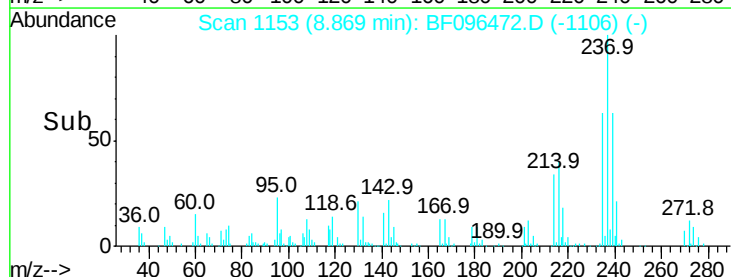
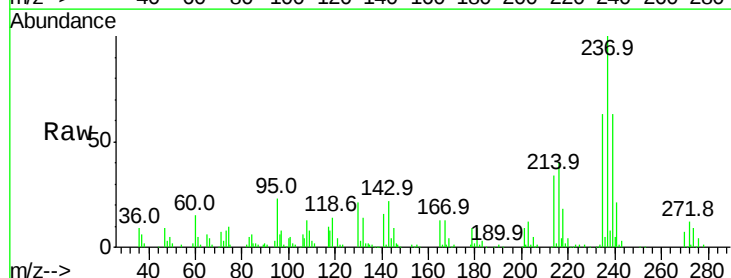
Tgt Ion:237 Resp: 128464

Ion Ratio Lower Upper

237 100

235 62.6 42.6 82.6

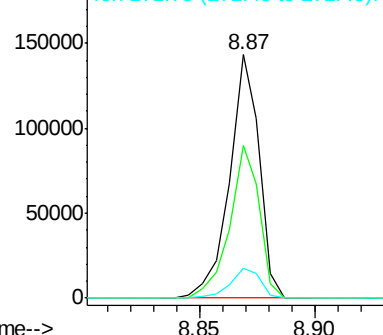
272 12.4 0.0 31.9

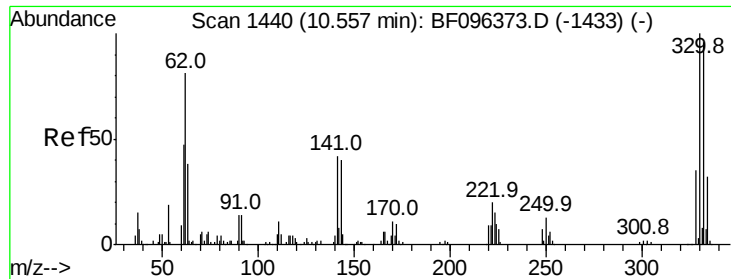


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

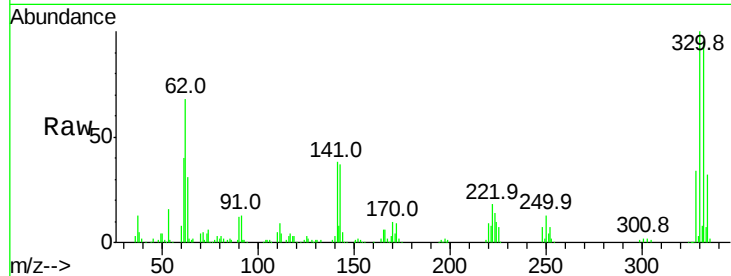




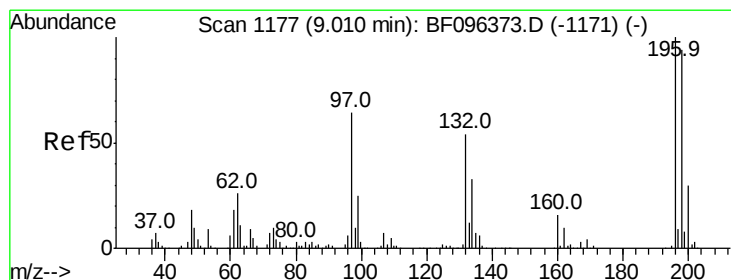
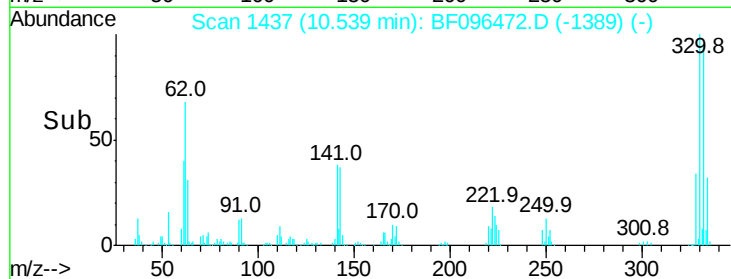
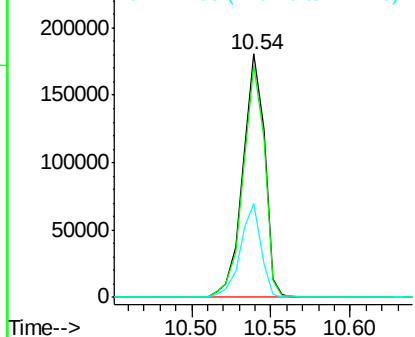
#41
 2,4,6-Tribromophenol
 Concen: 90.37 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 171671
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 36.3 31.4 47.2

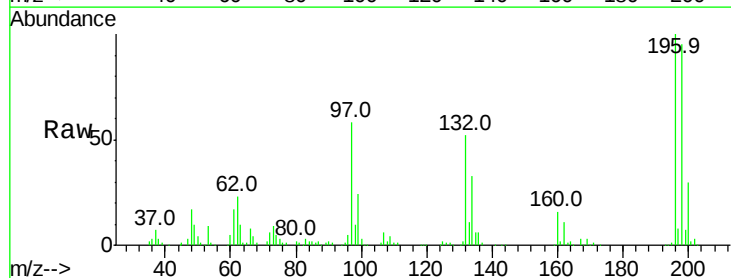


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

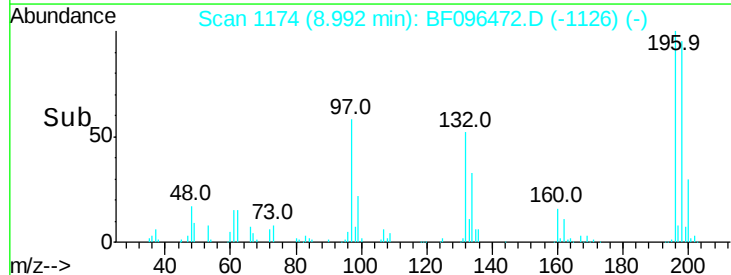
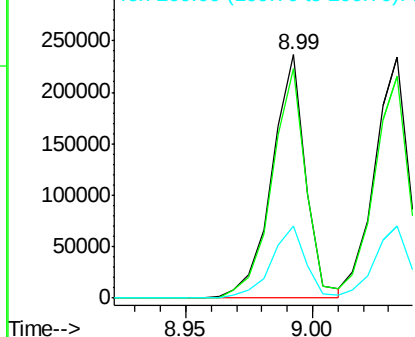


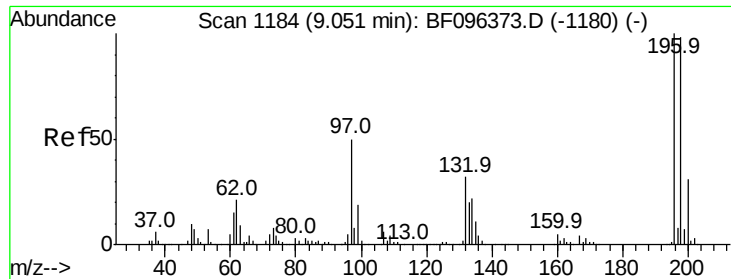
#42
 2,4,6-Trichlorophenol
 Concen: 44.19 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion:196 Resp: 220742
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.2 111.4
 200 29.9 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

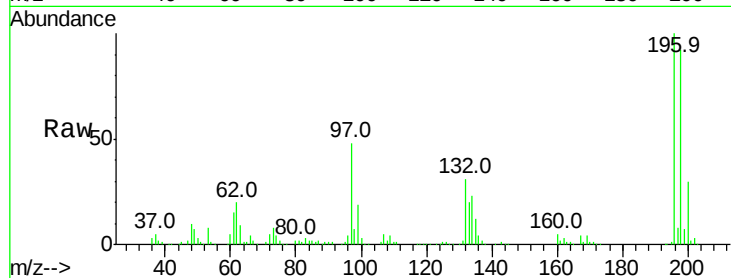




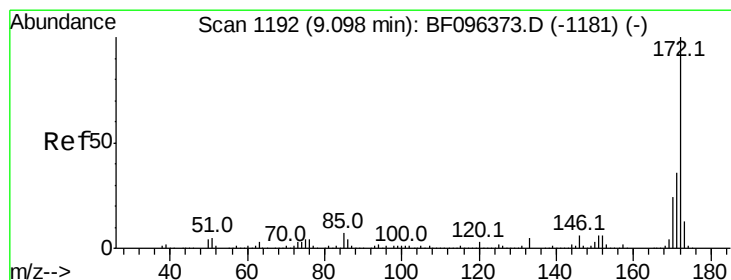
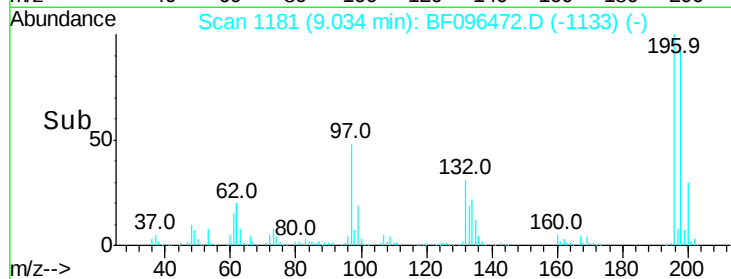
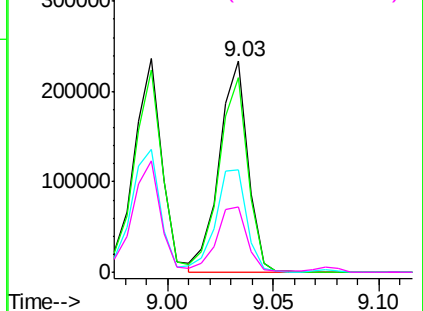
#43
 2,4,5-Trichlorophenol
 Concen: 44.40 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 219300
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.7 113.5
 97 48.3 47.7 71.5
 132 31.1 28.0 42.0

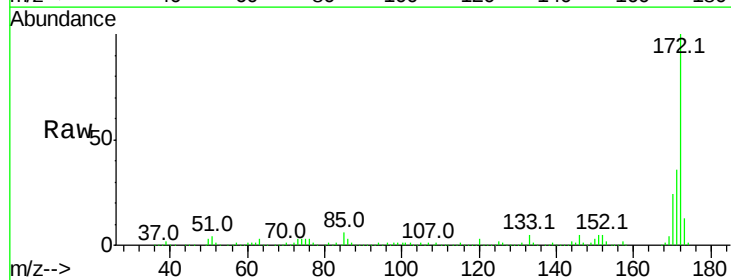


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

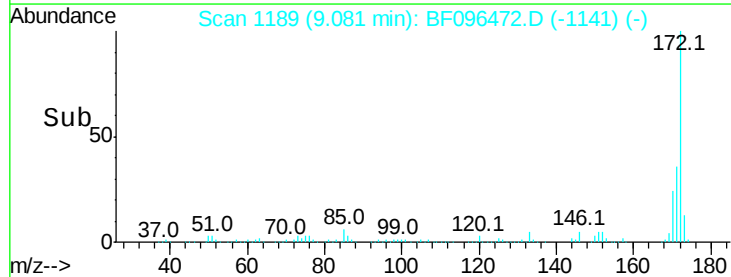
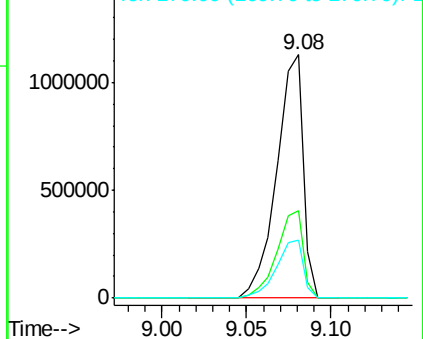


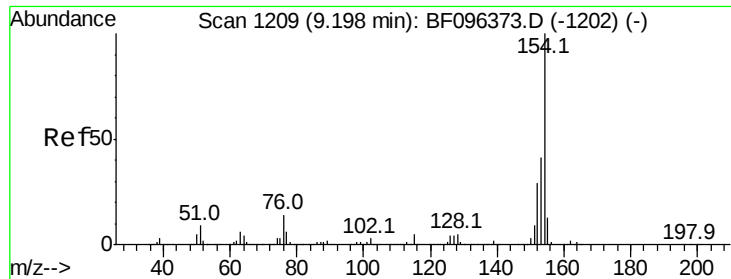
#44
 2-Fluorobiphenyl
 Concen: 86.82 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion:172 Resp: 1234860
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.6 19.8 29.8



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

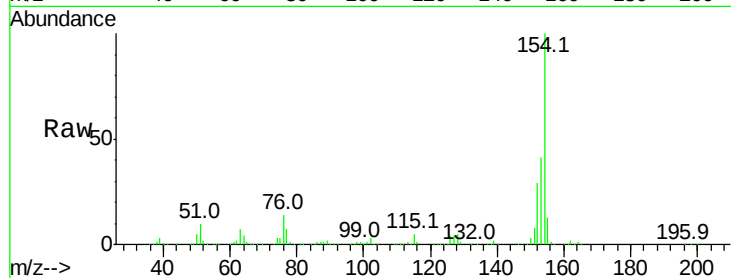




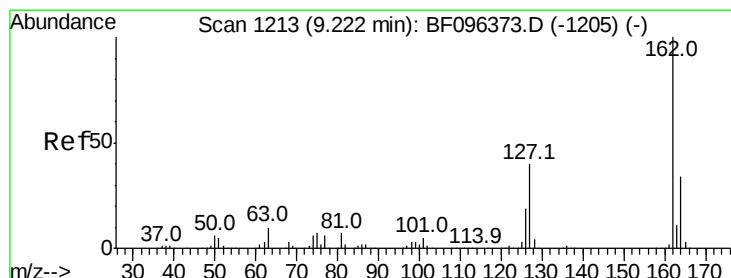
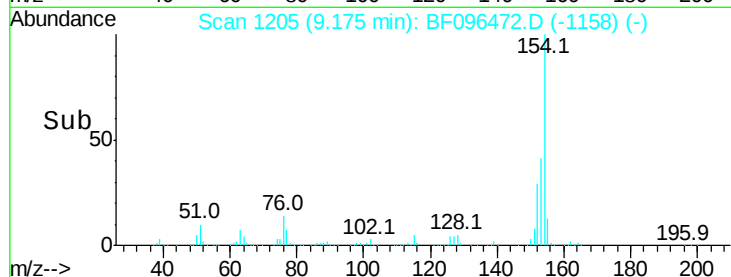
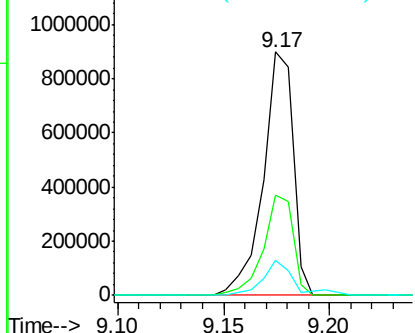
#45
 1,1'-Biphenyl
 Concen: 42.57 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 887120
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.2 61.2
 76 14.5 0.0 29.9

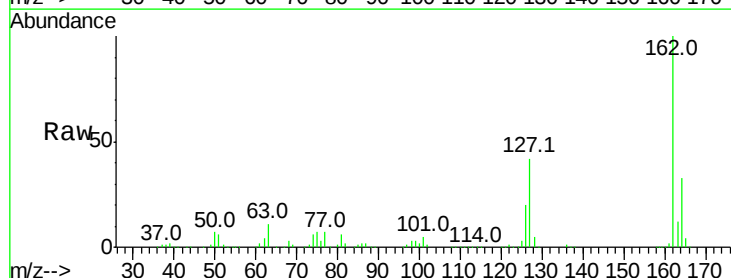


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

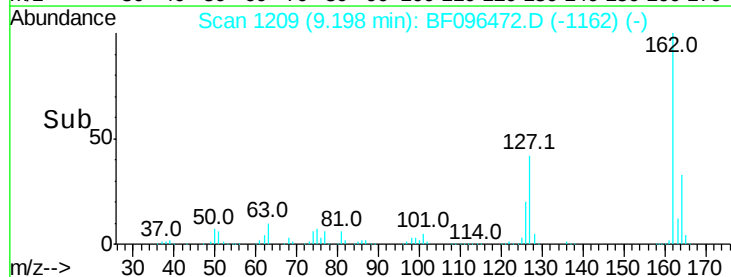
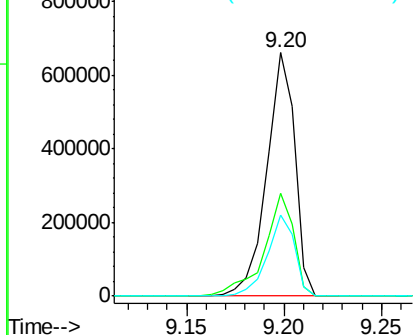


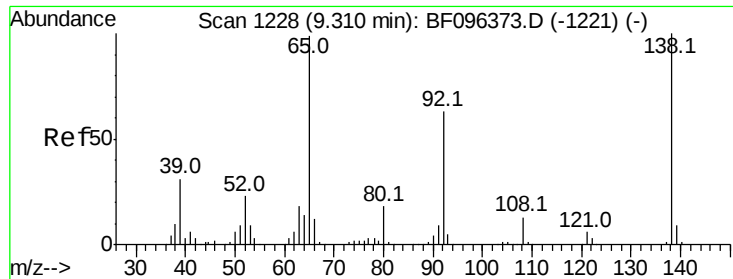
#46
 2-Chloronaphthalene
 Concen: 42.41 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion:162 Resp: 658611
 Ion Ratio Lower Upper
 162 100
 127 42.2 28.3 42.5
 164 33.4 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

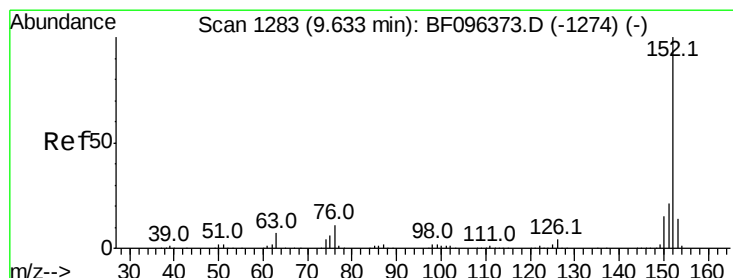
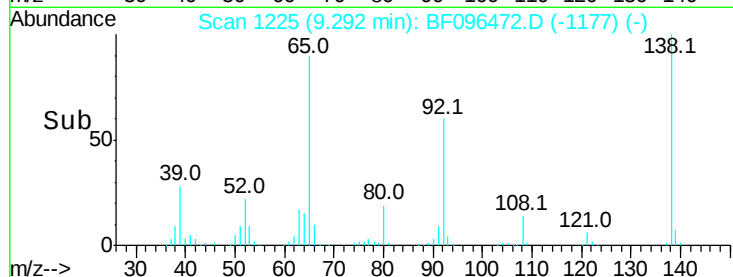
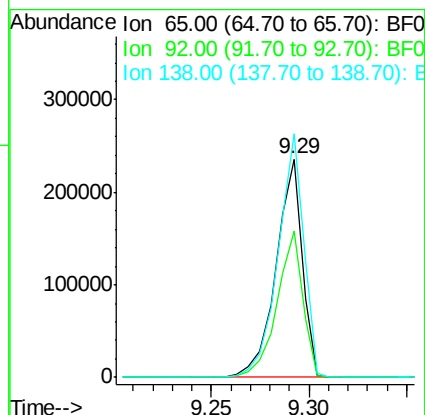
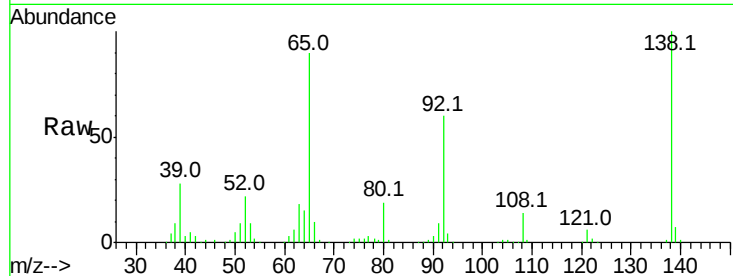




#47
2-Nitroaniline
Concen: 38.60 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

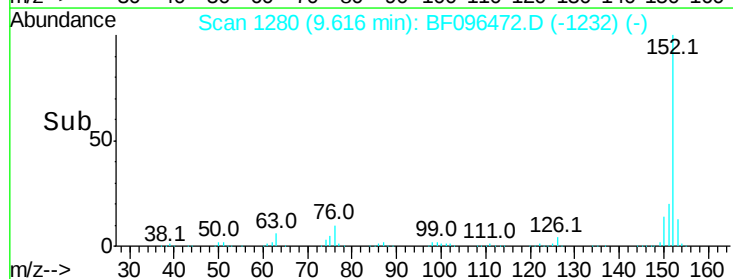
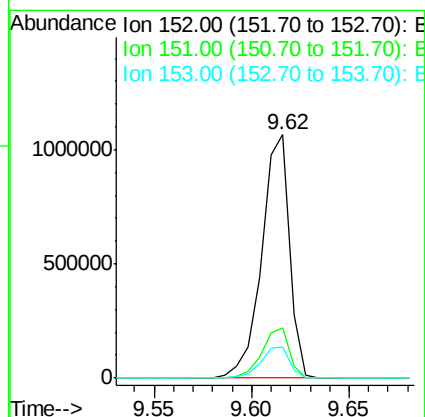
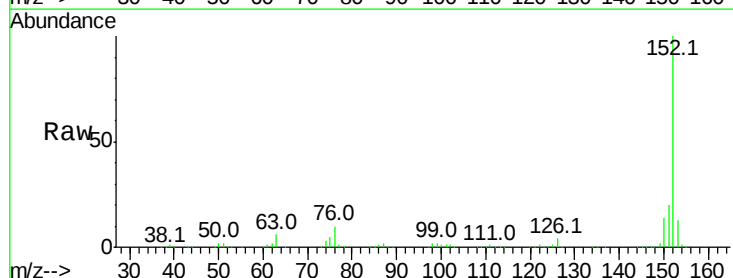
Instrument :
BNA_F
ClientSampleId :

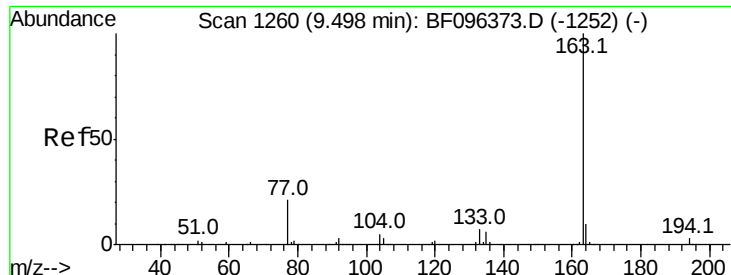
Tot Ion: 65 Resp: 218090
Ion Ratio Lower Upper
65 100
92 66.8 53.9 80.9
138 111.6 78.8 118.2



#48
Acenaphthylene
Concen: 42.66 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion: 152 Resp: 1049659
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 12.9 10.8 16.2

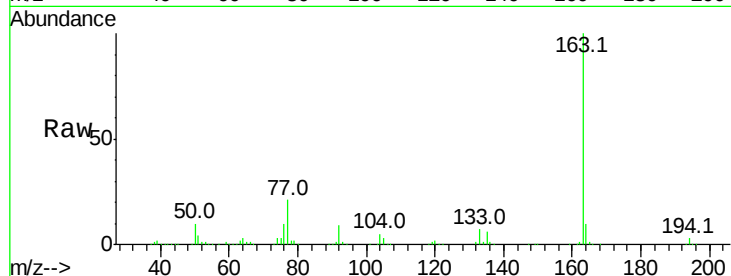




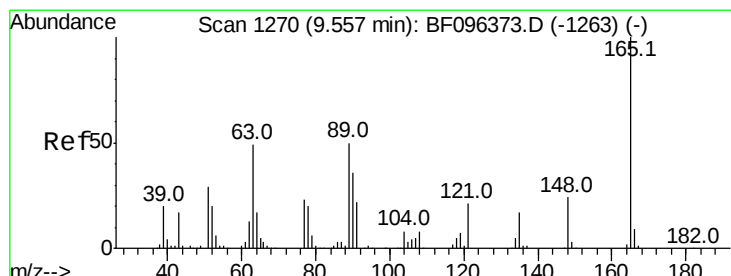
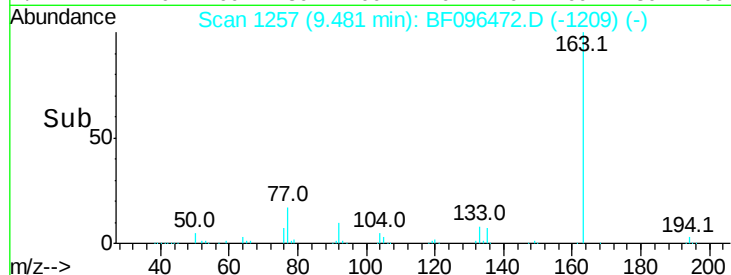
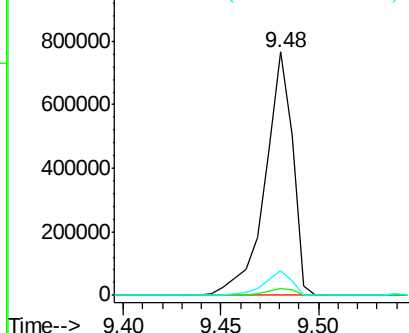
#49
Dimethylphthalate
Concen: 41.07 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 745571
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.4 12.6

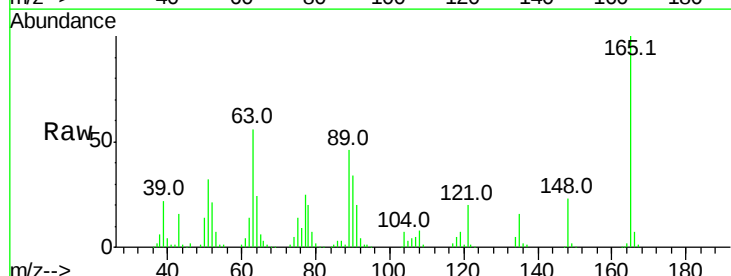


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

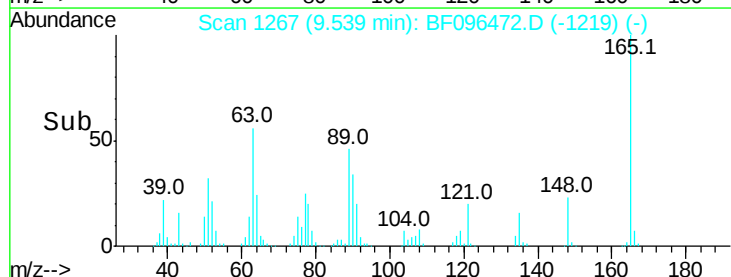
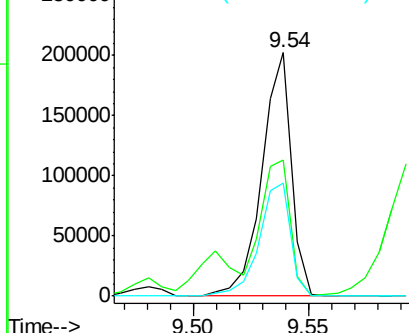


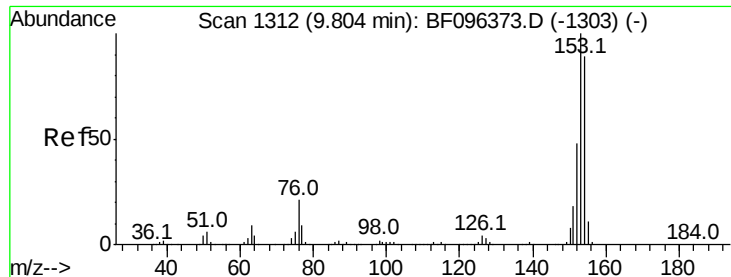
#50
2,6-Dinitrotoluene
Concen: 44.67 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:165 Resp: 179341
Ion Ratio Lower Upper
165 100
63 56.0 34.3 51.5#
89 46.2 37.1 55.7



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





#51

Acenaphthene

Concen: 37.39 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

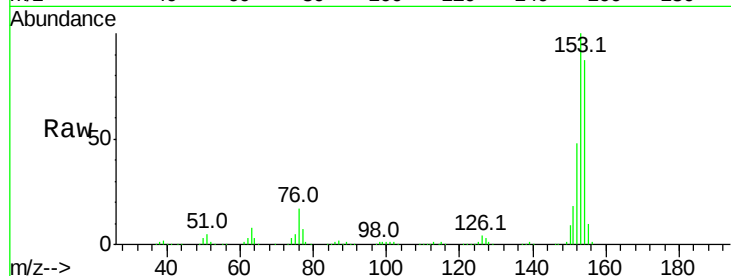
Tot Ion:154 Resp: 567107

Ion Ratio Lower Upper

154 100

153 114.6 90.5 135.7

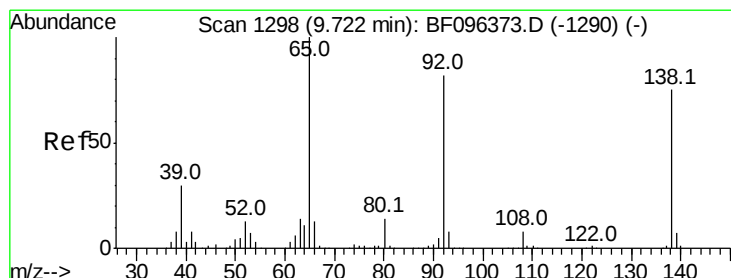
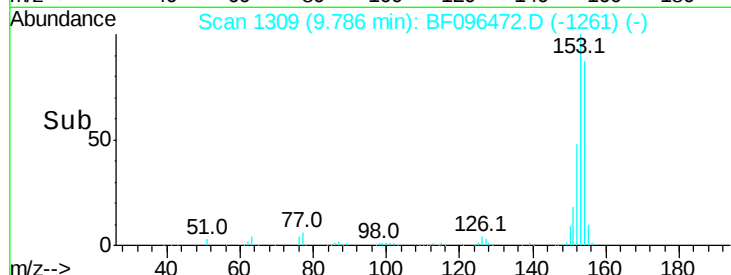
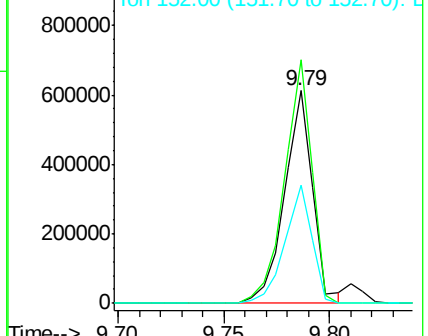
152 55.5 43.6 65.4



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: 44.43 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

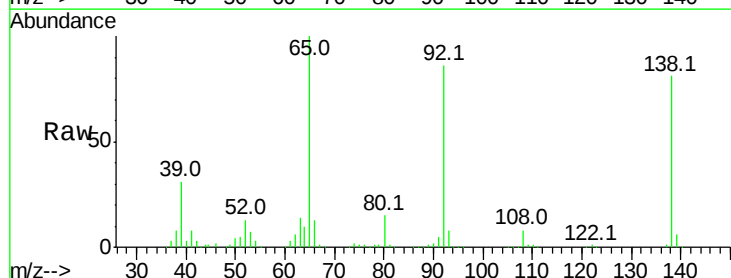
Tgt Ion:138 Resp: 222468

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

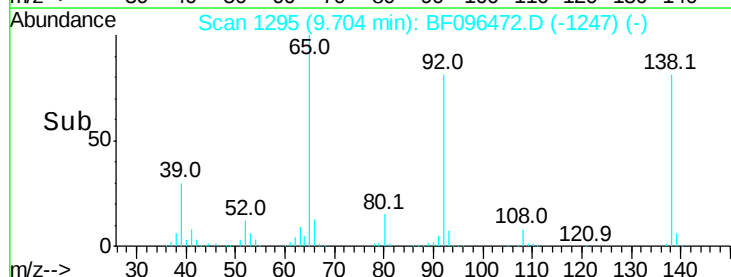
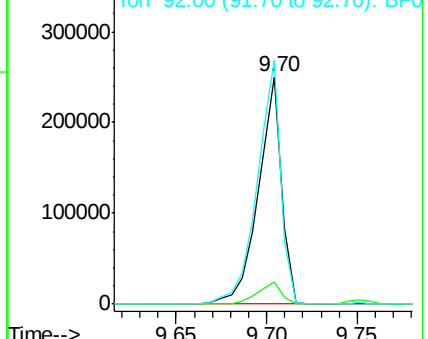
92 107.0 93.8 140.6

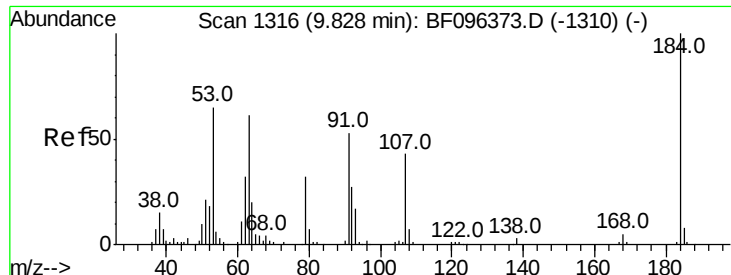


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

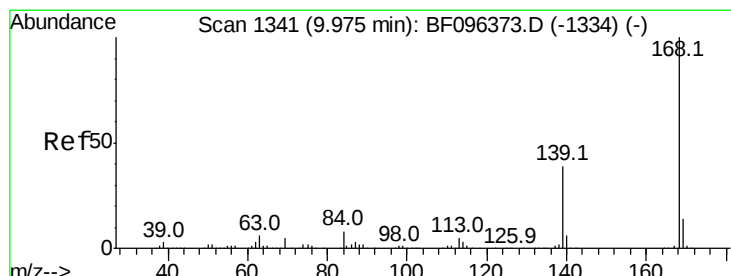
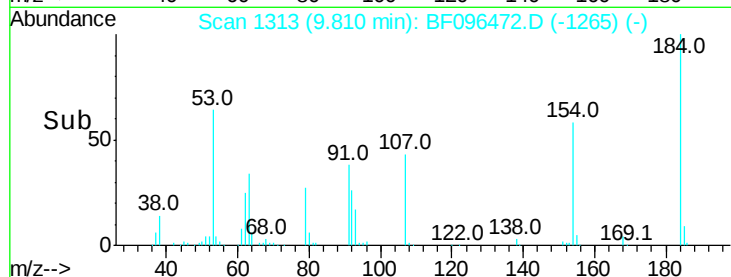
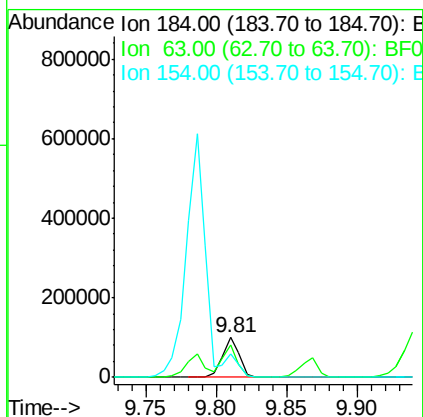
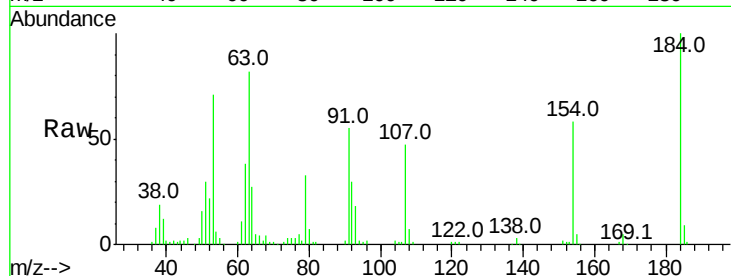




#53
2,4-Dinitrophenol
Concen: 40.31 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

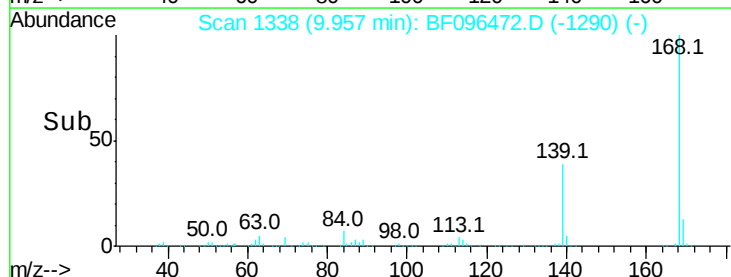
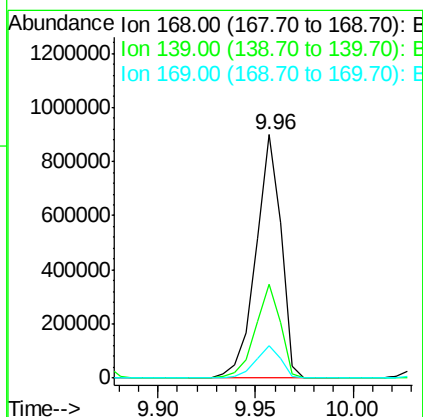
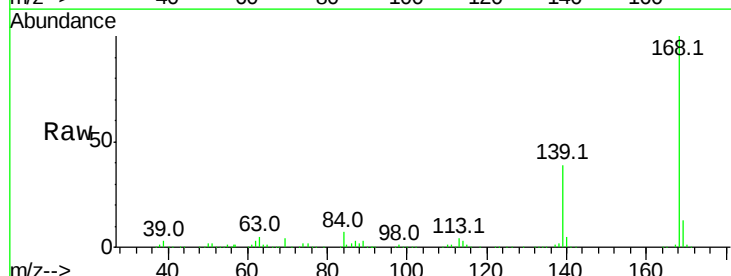
Instrument :
BNA_F
ClientSampleId :

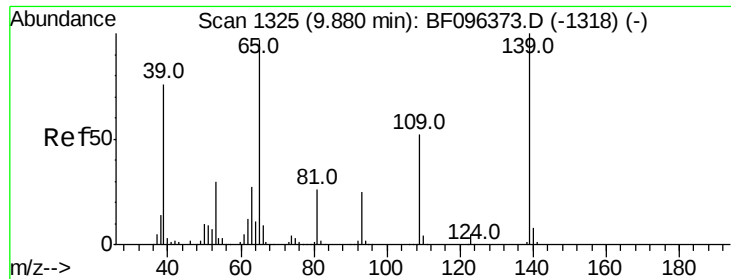
Tot Ion:184 Resp: 85942
Ion Ratio Lower Upper
184 100
63 81.6 62.7 94.1
154 58.0 81.1 121.7#



#54
Dibenzofuran
Concen: 40.11 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:168 Resp: 803094
Ion Ratio Lower Upper
168 100
139 38.8 30.6 45.8
169 13.4 10.8 16.2

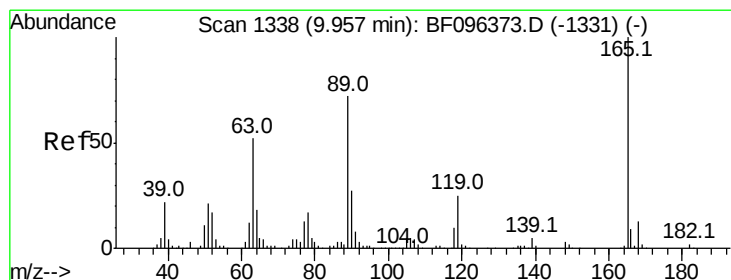
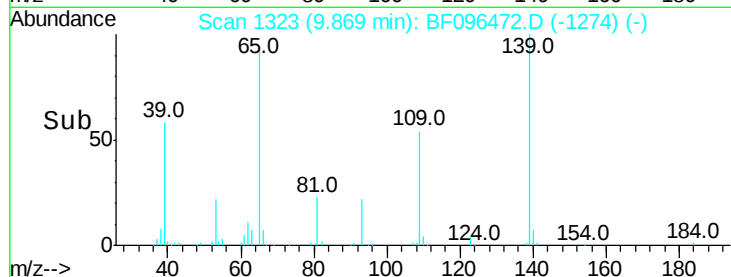
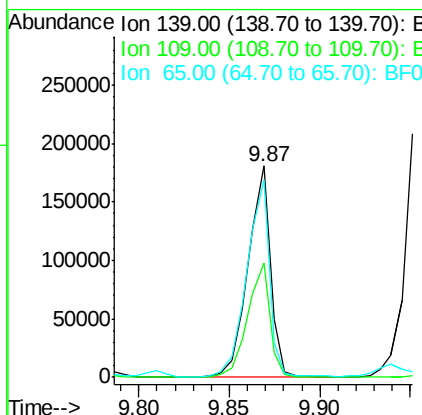
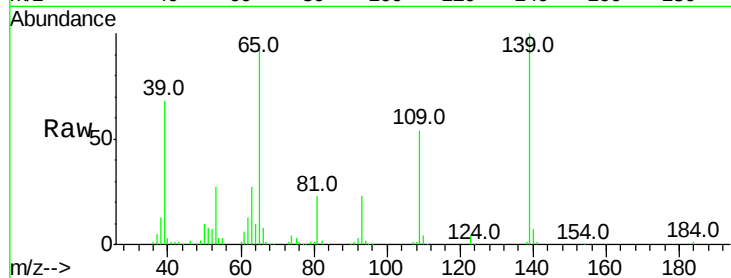




#55
4-Nitrophenol
Concen: 37.75 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

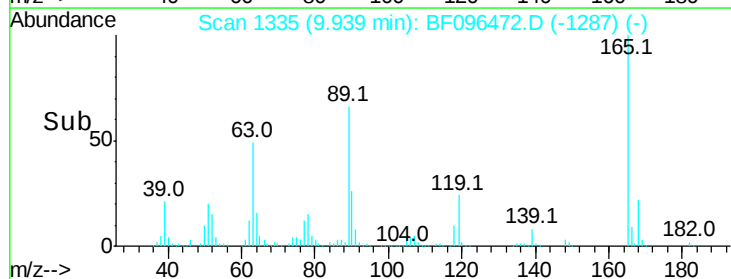
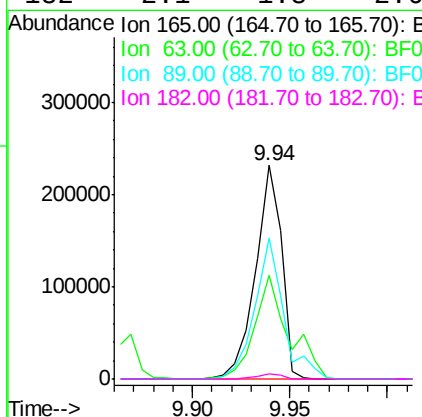
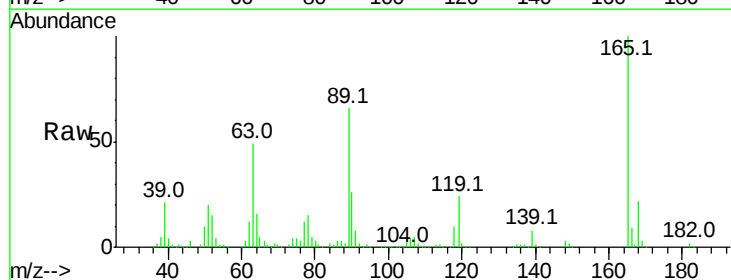
Instrument :
BNA_F
ClientSampleId :

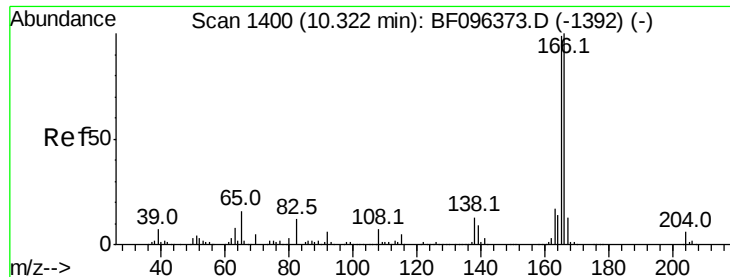
Tot Ion:139 Resp: 156683
Ion Ratio Lower Upper
139 100
109 53.9 34.1 74.1
65 93.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.31 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:165 Resp: 215089
Ion Ratio Lower Upper
165 100
63 48.8 25.4 38.0#
89 65.9 46.4 69.6
182 2.1 1.8 2.6





#57

Fluorene

Concen: 42.64 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

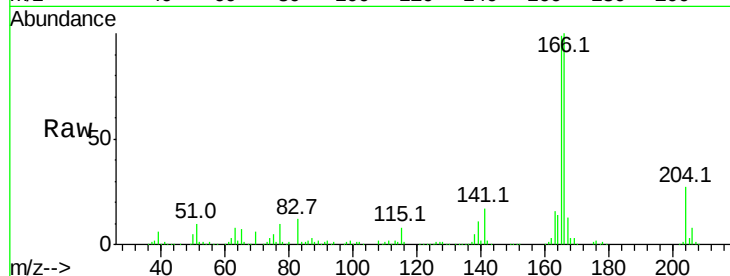
Tot Ion:166 Resp: 603042

Ion Ratio Lower Upper

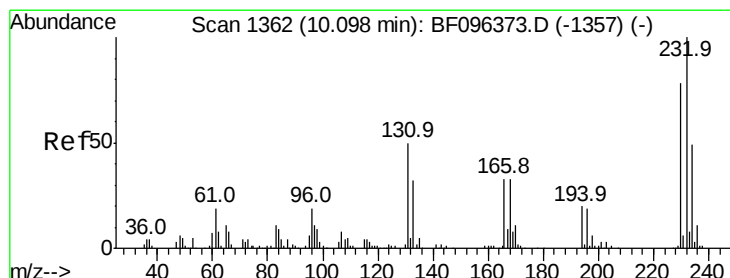
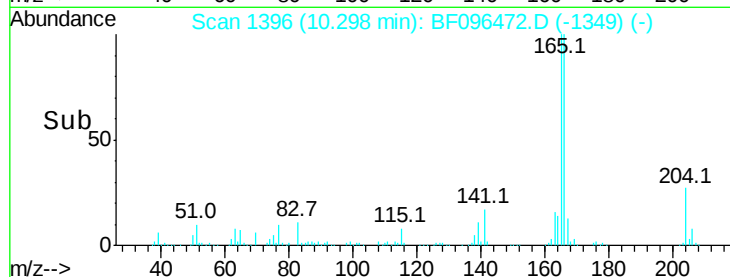
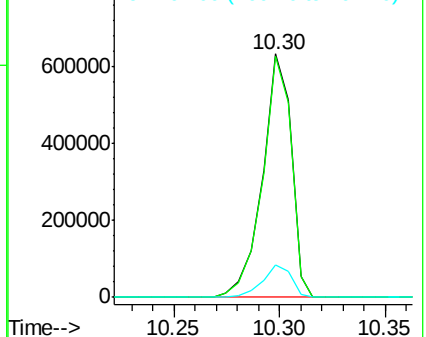
166 100

165 99.0 78.8 118.2

167 13.3 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.53 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Tgt Ion:232 Resp: 141924

Ion Ratio Lower Upper

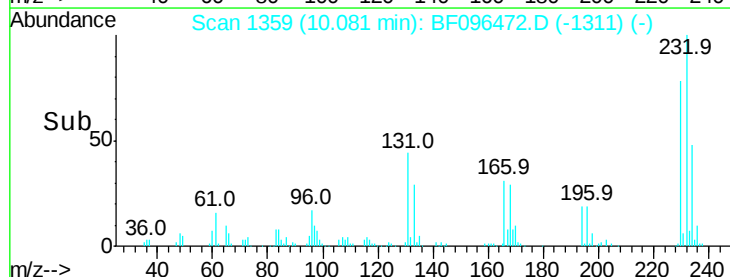
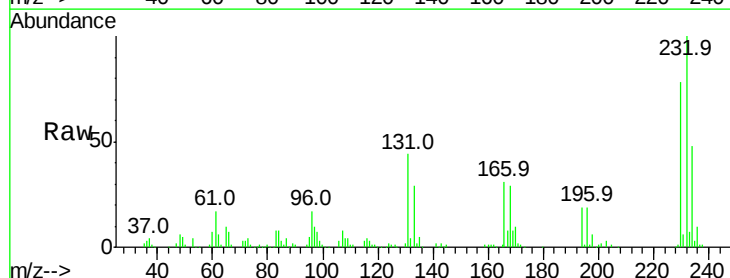
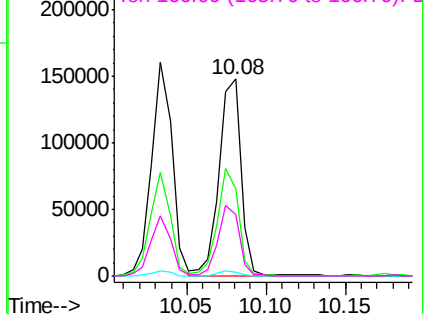
232 100

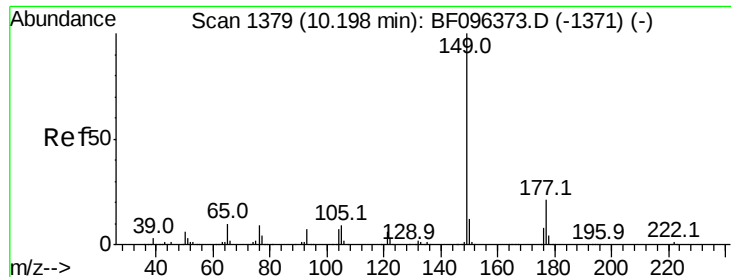
131 51.8 44.8 67.2

130 2.2 2.3 3.5#

166 34.8 29.0 43.4

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

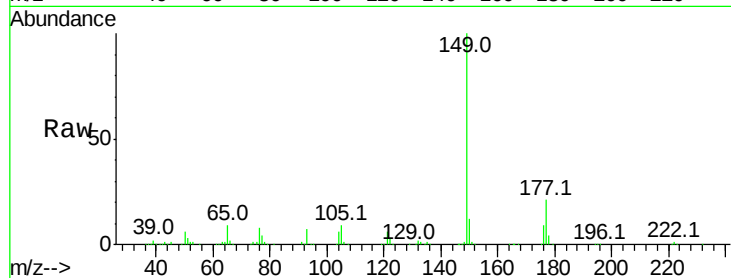




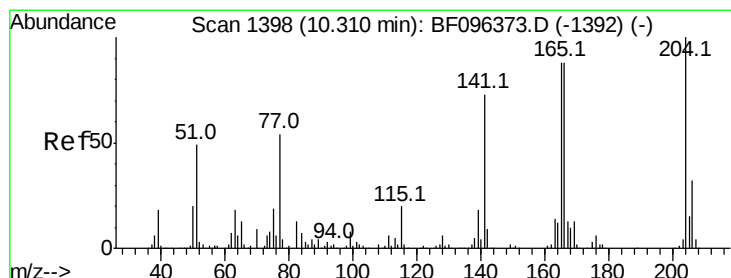
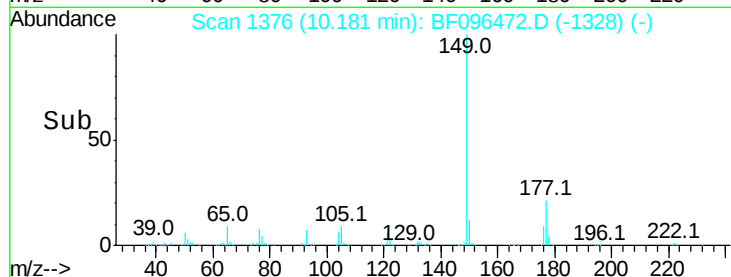
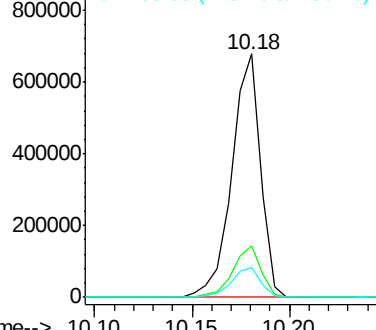
#59
Diethylphthalate
Concen: 39.97 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 685908
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.4 10.2 15.2

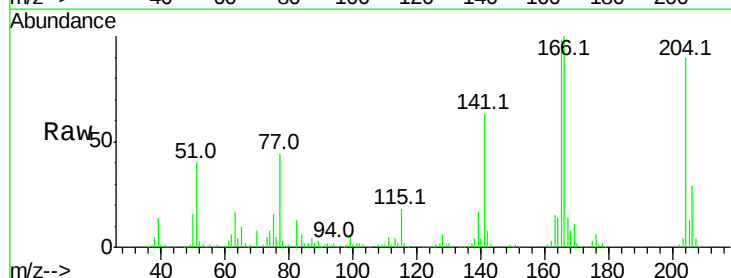


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

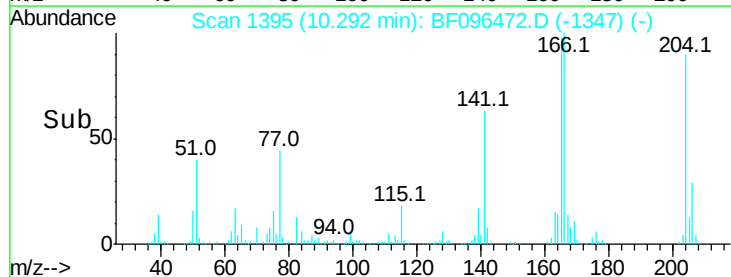
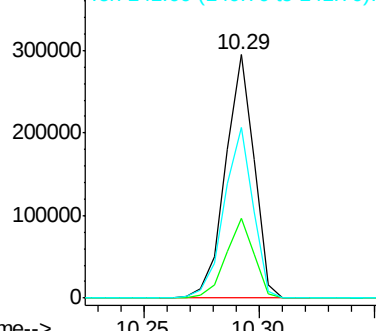


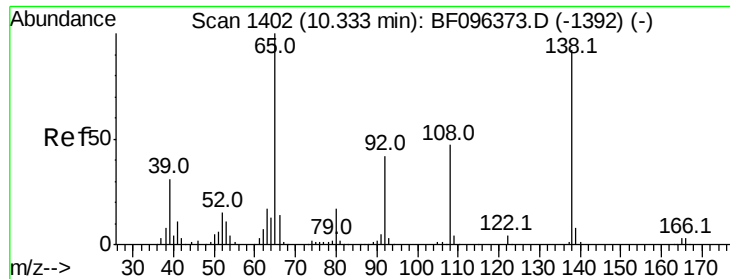
#60
4-Chlorophenyl-phenylether
Concen: 41.46 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:204 Resp: 255090
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 70.0 60.8 91.2



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

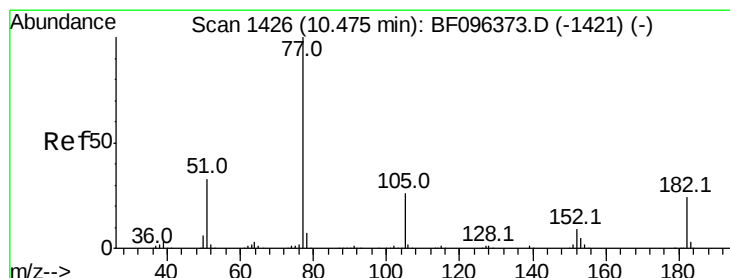
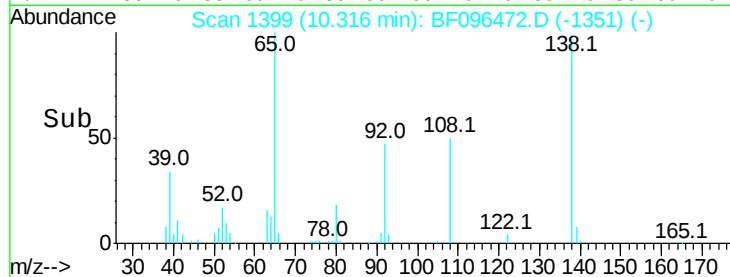
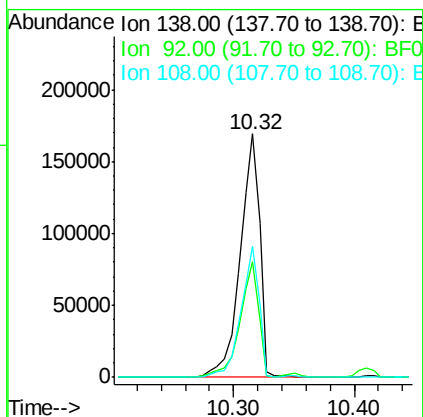
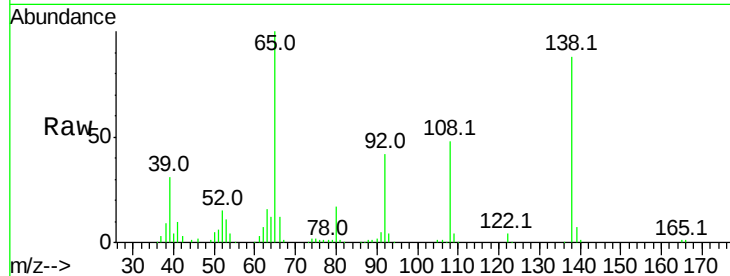




#61
4-Nitroaniline
Concen: 42.08 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

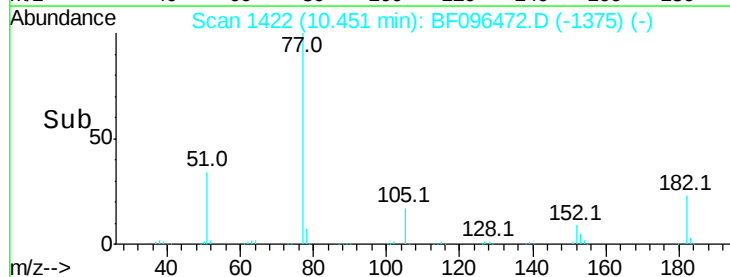
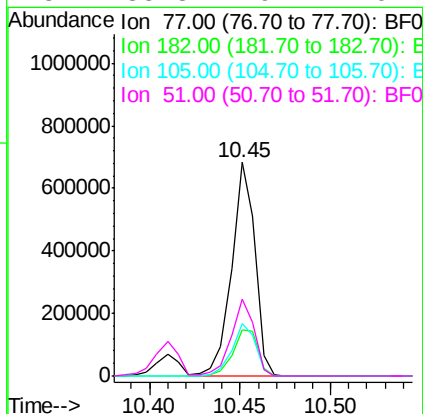
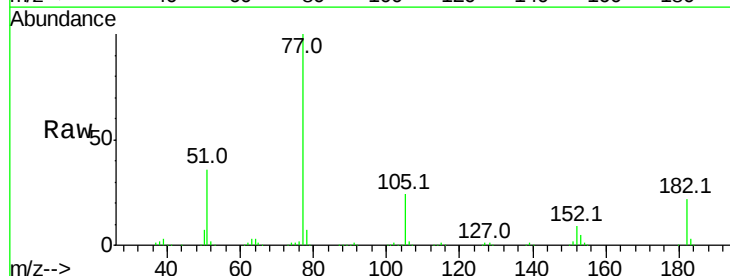
Instrument :
BNA_F
ClientSampled :

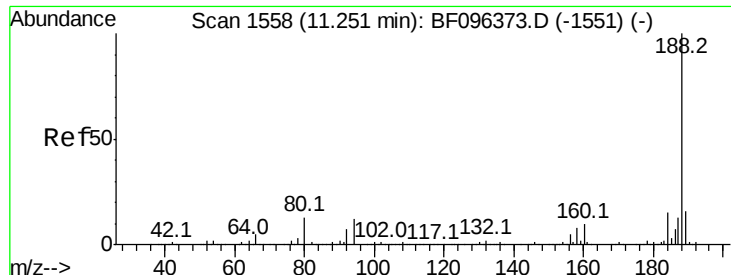
Tot Ion:138 Resp: 191605
Ion Ratio Lower Upper
138 100
92 47.2 21.8 61.8
108 54.0 42.3 82.3



#62
Azobenzene
Concen: 36.93 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion: 77 Resp: 612747
Ion Ratio Lower Upper
77 100
182 21.9 0.1 40.1
105 24.4 3.6 43.6
51 35.8 9.4 49.4

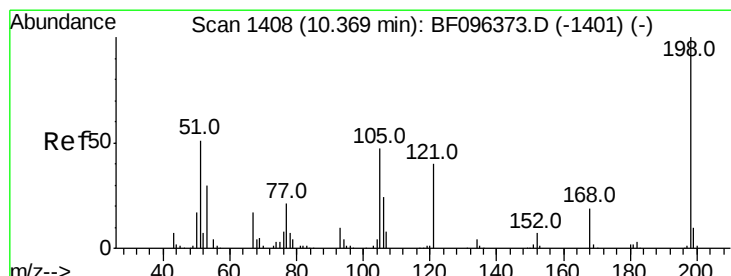
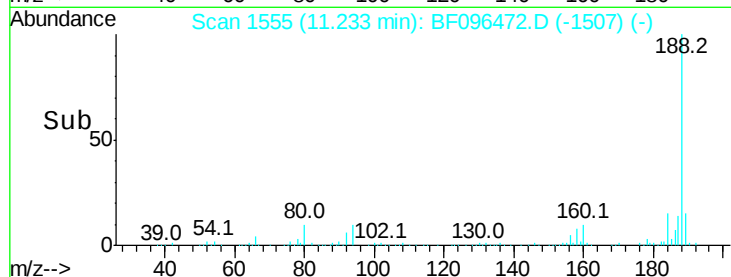
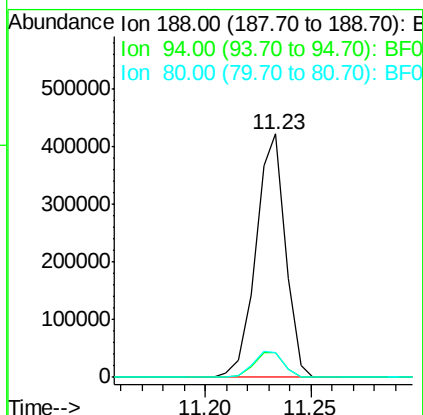
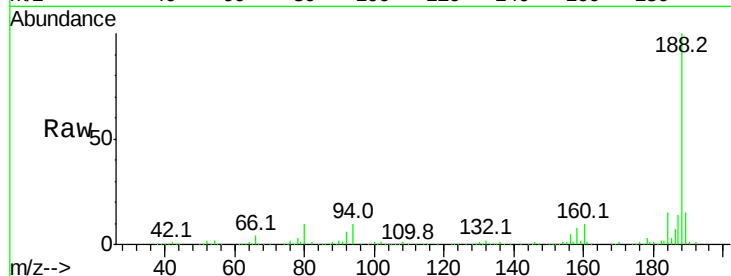




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

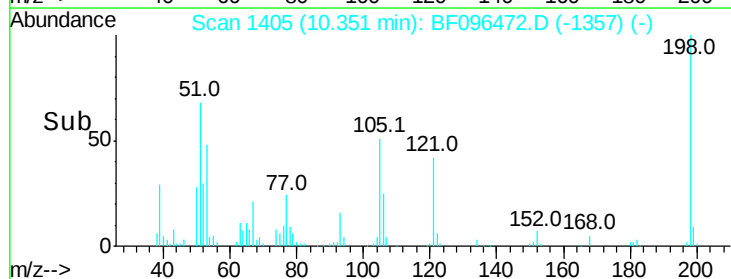
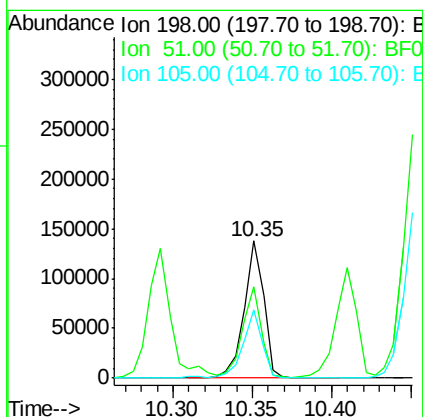
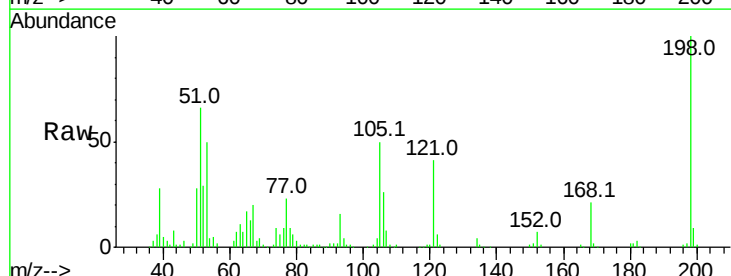
Instrument :
BNA_F
ClientSampleId :

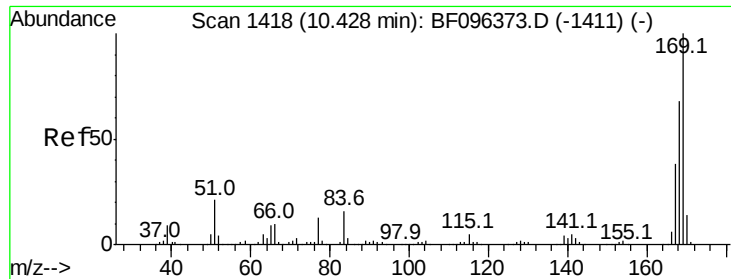
Tot Ion:188 Resp: 411299
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.86 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:198 Resp: 118728
Ion Ratio Lower Upper
198 100
51 66.2 53.2 93.2
105 49.7 45.8 85.8

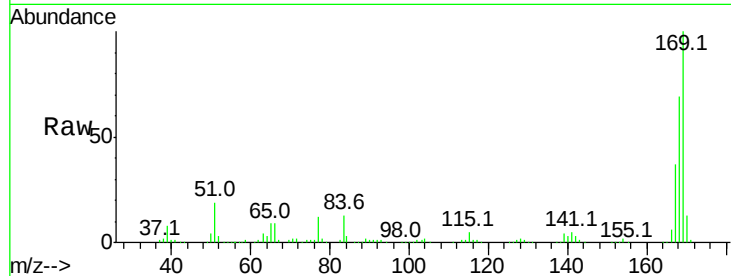




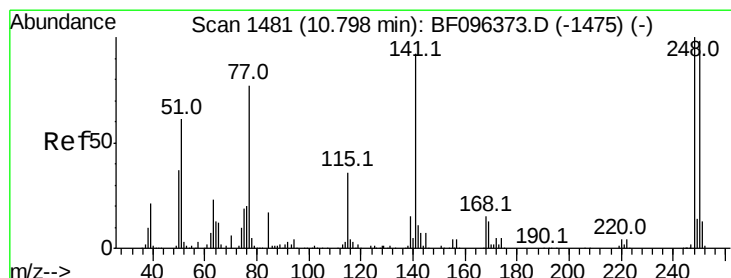
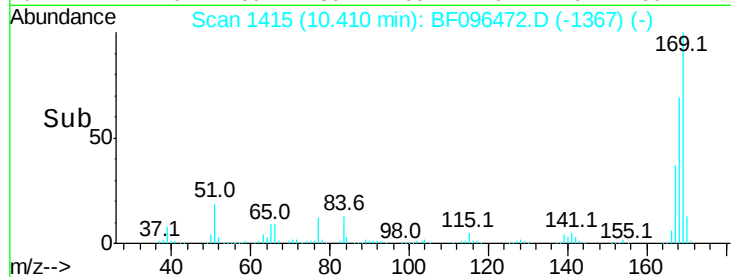
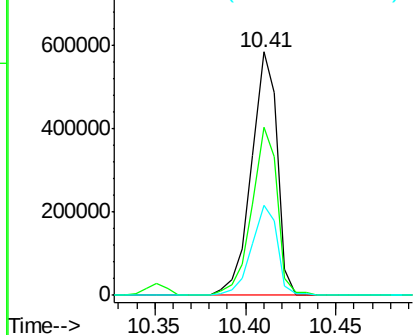
#65
n-Nitrosodiphenylamine
Concen: 40.15 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 579398
Ion Ratio Lower Upper
169 100
168 69.2 53.2 79.8
167 37.1 29.5 44.3

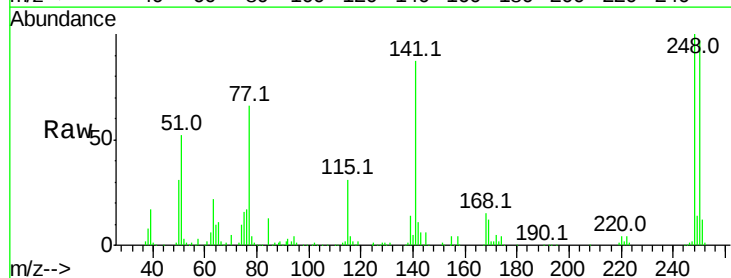


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

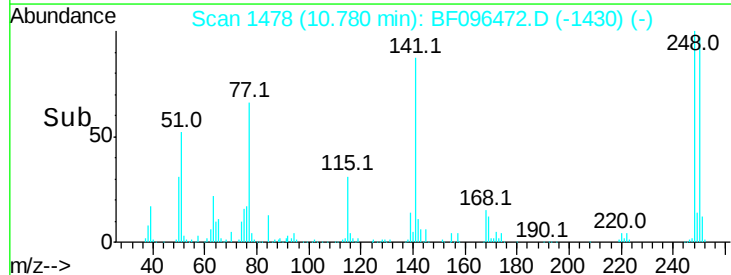
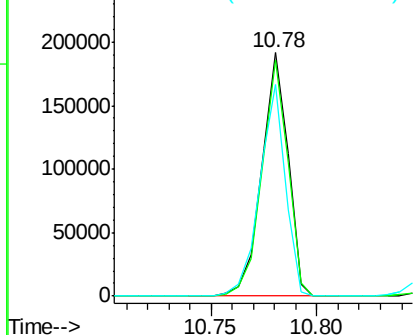


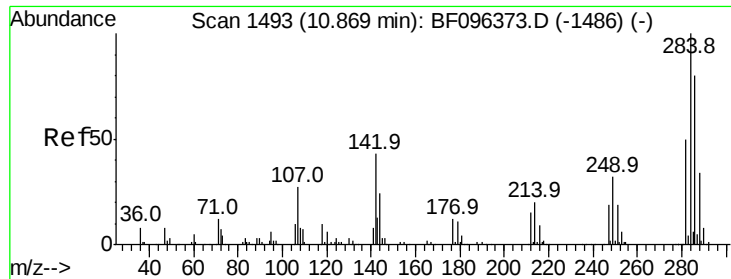
#66
4-Bromophenyl-phenylether
Concen: 41.63 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:248 Resp: 166677
Ion Ratio Lower Upper
248 100
250 97.0 76.8 115.2
141 86.8 68.6 103.0



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

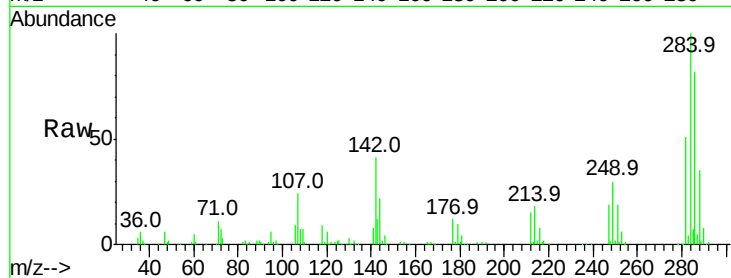




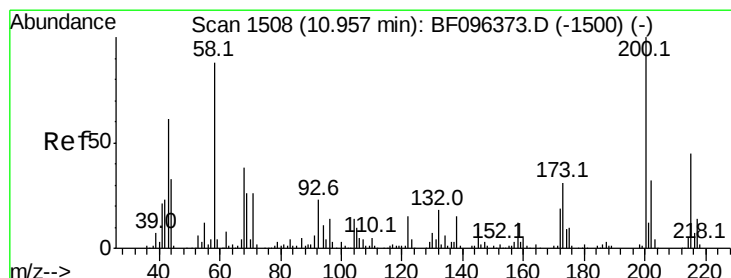
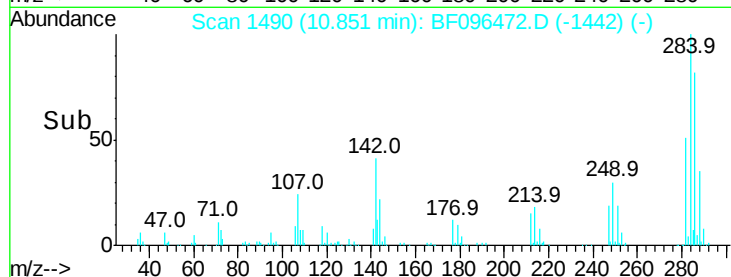
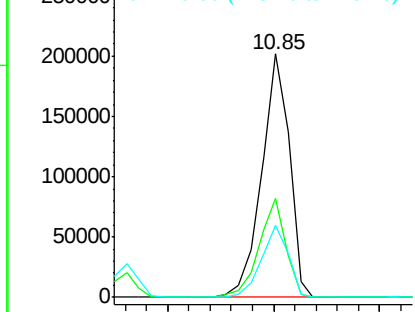
#67
Hexachlorobenzene
Concen: 42.07 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 184398
Ion Ratio Lower Upper
284 100
142 40.6 22.8 34.2#
249 29.5 24.0 36.0

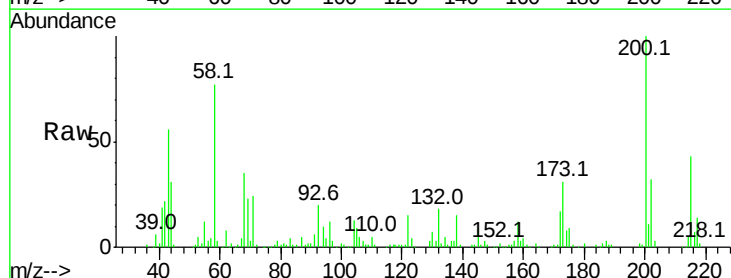


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

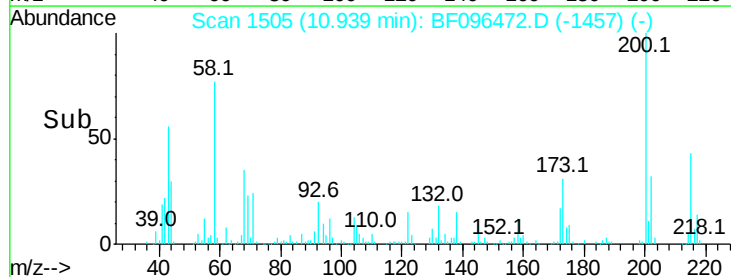
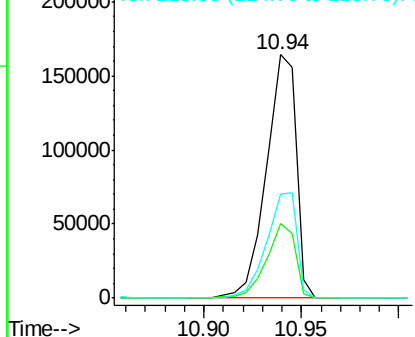


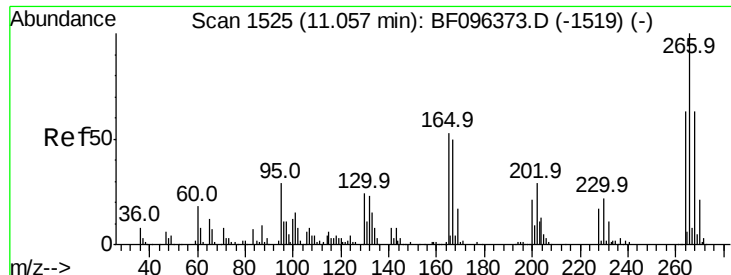
#68
Atrazine
Concen: 42.34 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:200 Resp: 174568
Ion Ratio Lower Upper
200 100
173 30.7 6.3 46.3
215 43.0 27.2 67.2



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

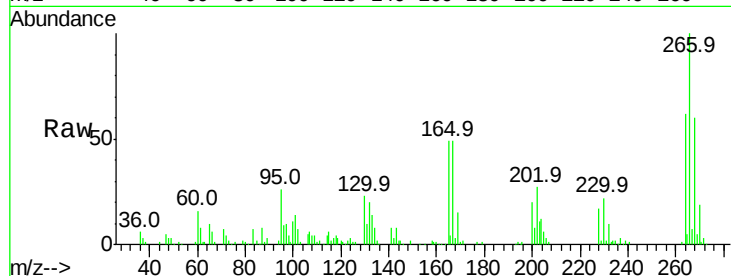




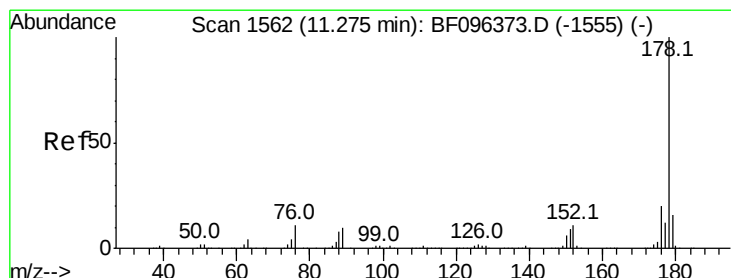
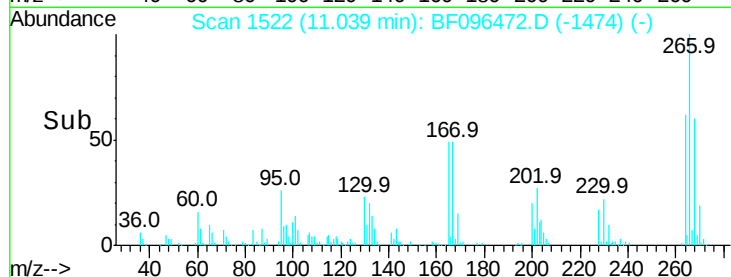
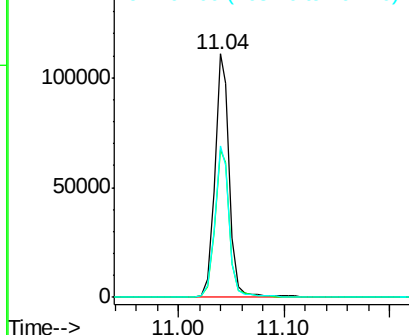
#69
 Pentachlorophenol
 Concen: 41.86 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.5	51.1	76.7
264	62.1	51.7	77.5

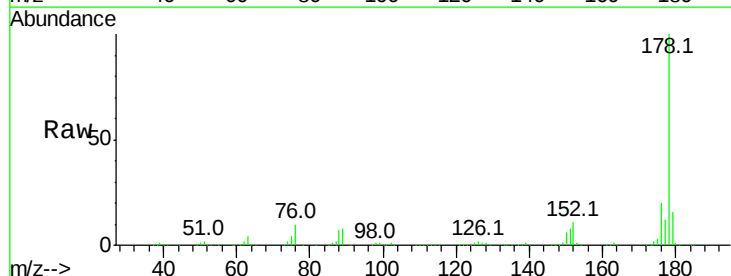


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

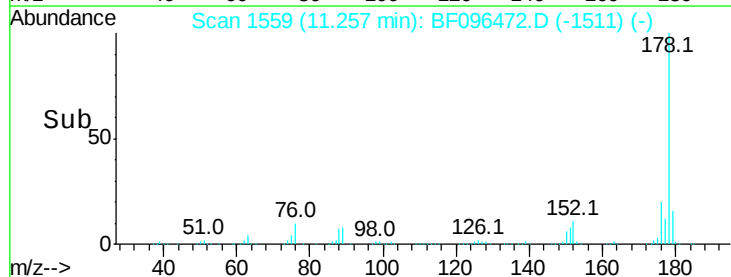
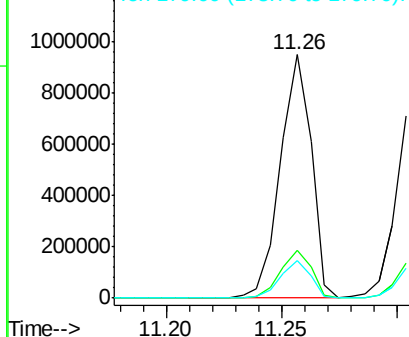


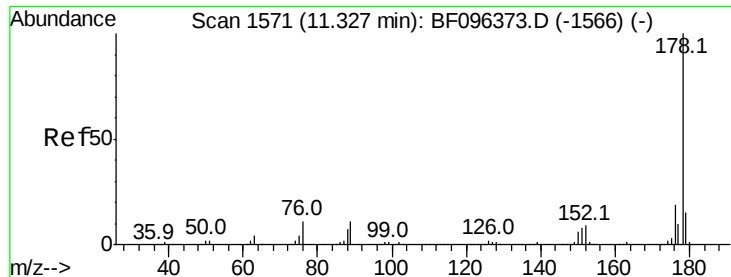
#70
 Phenanthrene
 Concen: 39.63 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.6	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

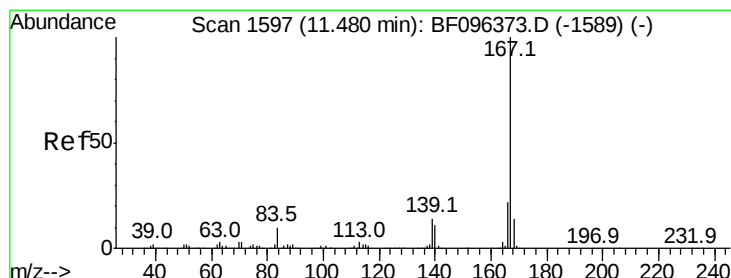
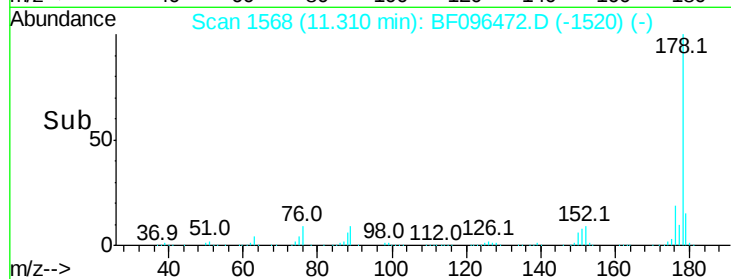
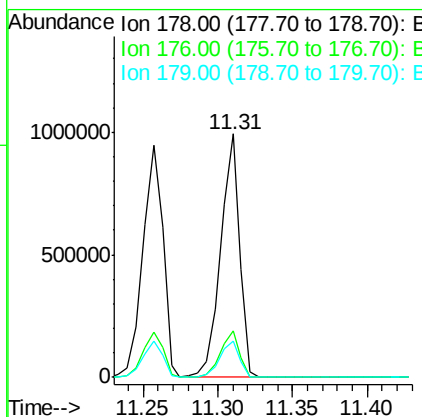
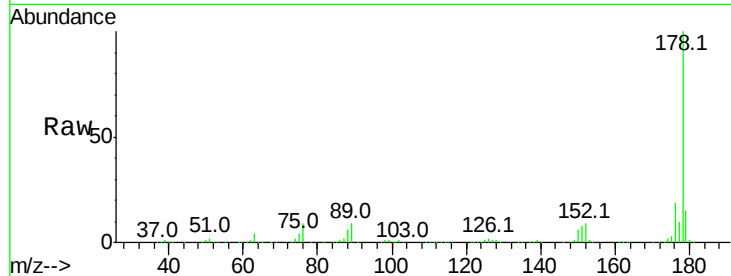




#71
 Anthracene
 Concen: 39.42 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

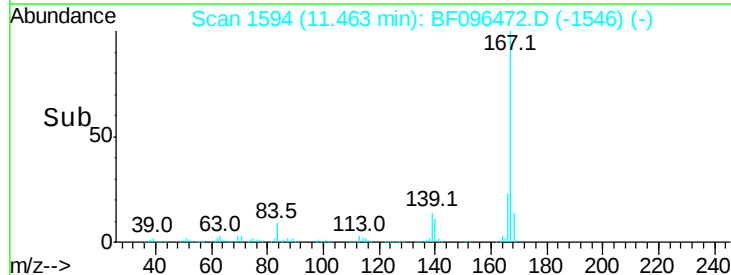
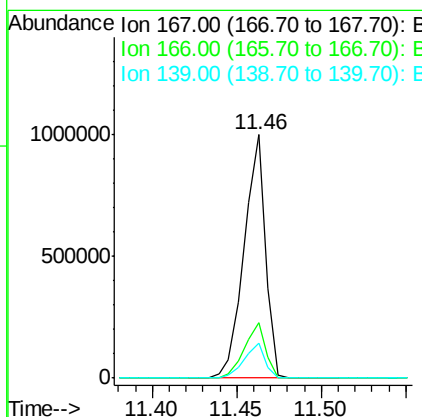
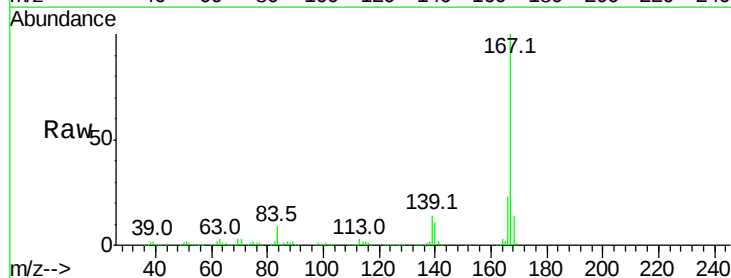
Instrument :
 BNA_F
 ClientSampleId :

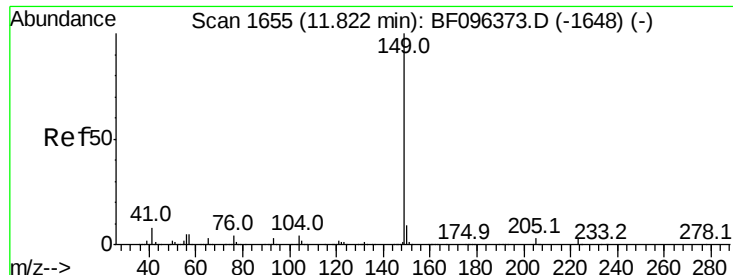
Tot Ion:178 Resp: 893178
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 39.00 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion:167 Resp: 888554
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.86 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampled :

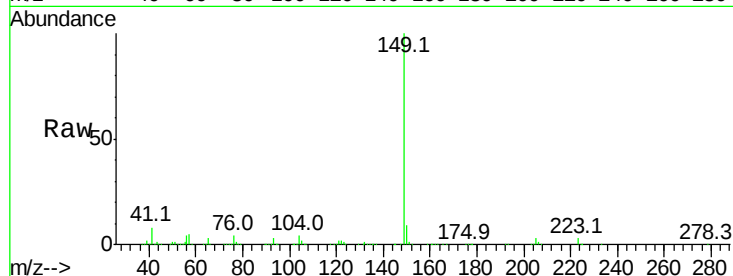
Tot Ion:149 Resp: 1072511

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

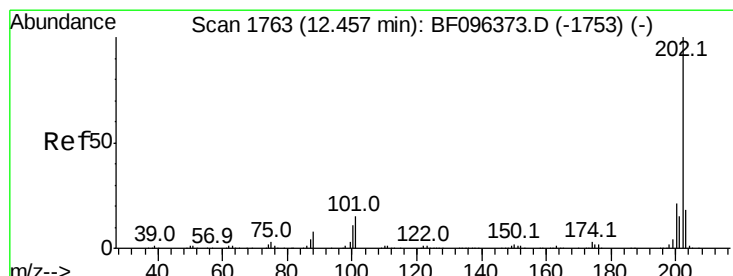
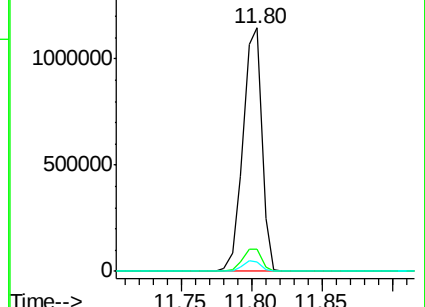
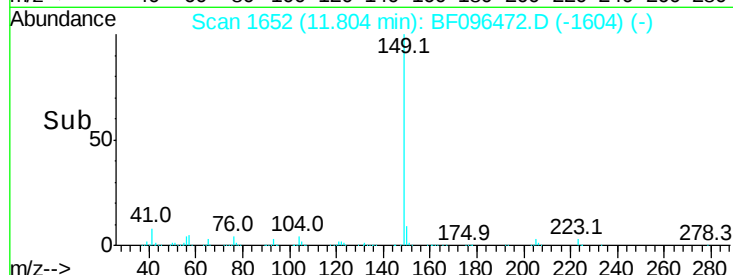
104 4.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.59 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

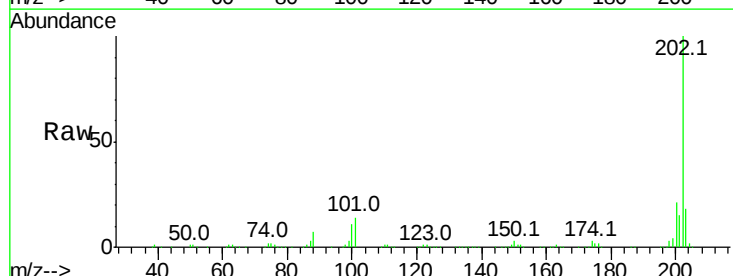
Tgt Ion:202 Resp: 884815

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

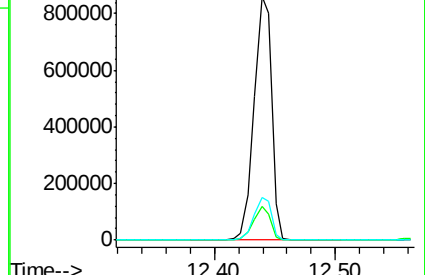
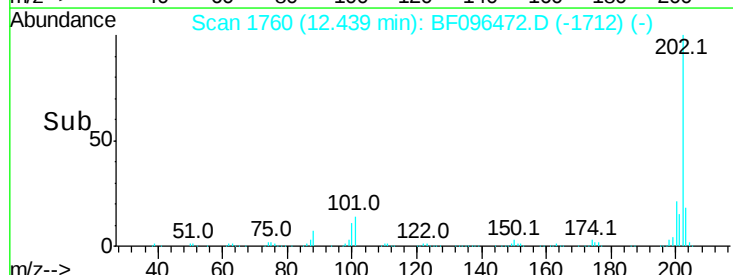
203 17.6 0.0 38.1

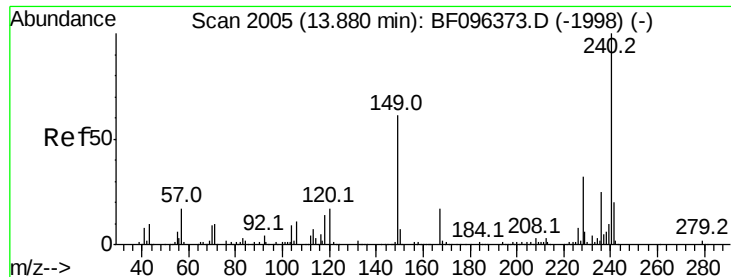


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

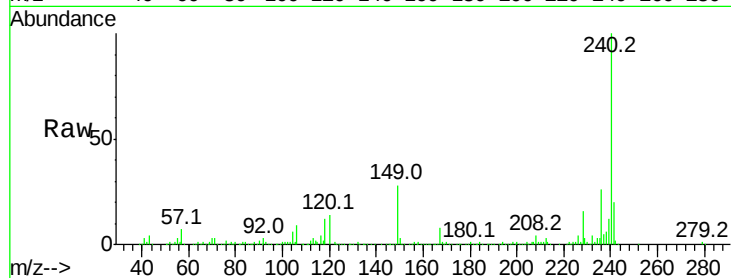
Tot Ion:240 Resp: 301771

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

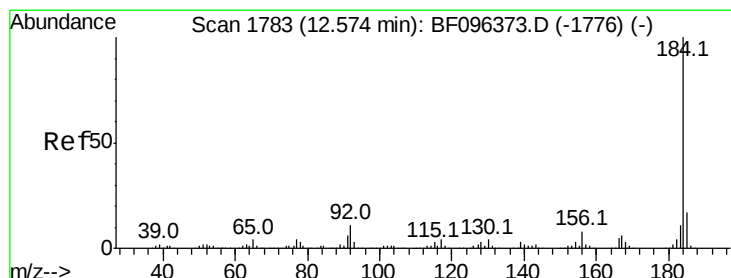
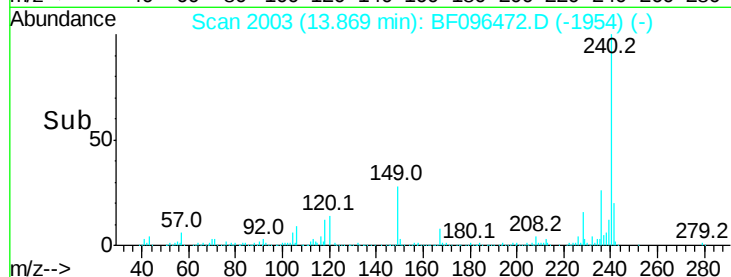
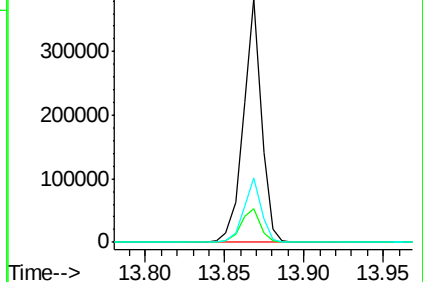
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.65 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

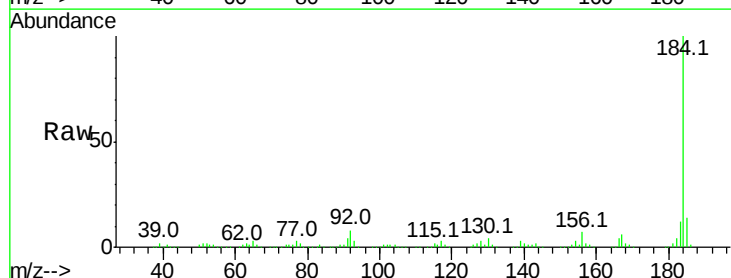
Tgt Ion:184 Resp: 545191

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

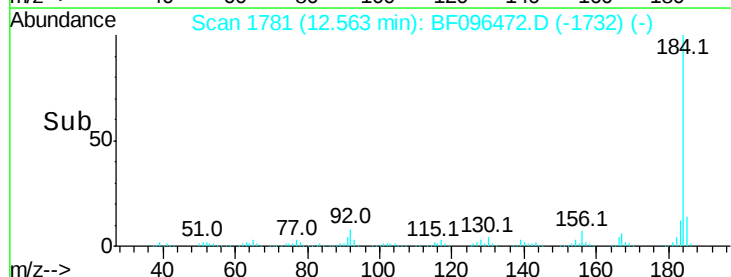
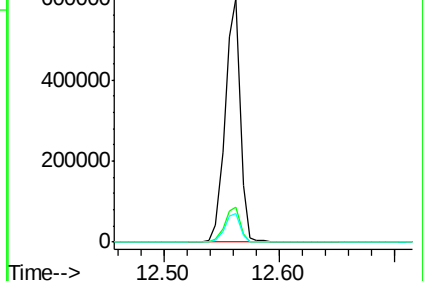
183 11.6 9.8 14.6

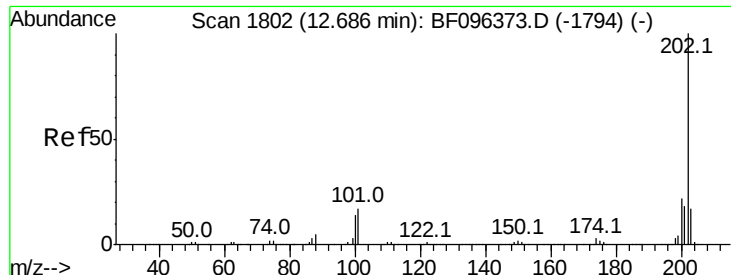


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

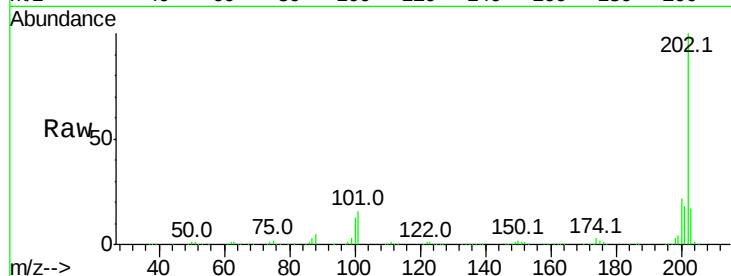




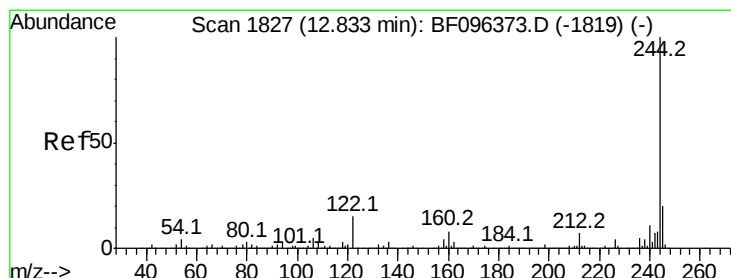
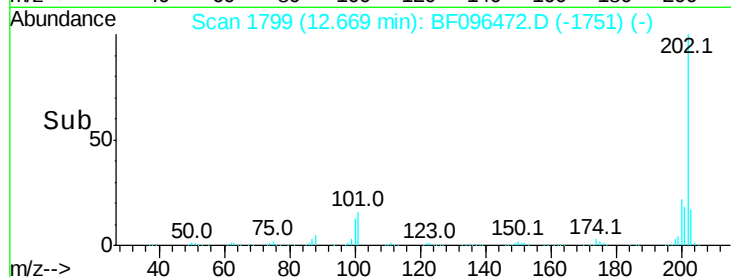
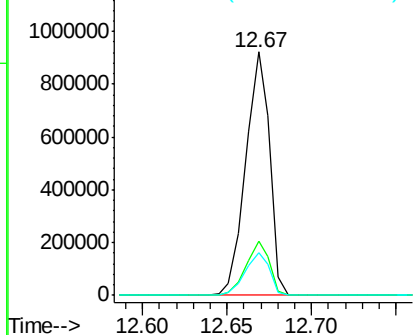
#77
Pvrene
Concen: 37.86 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 917072
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 17.3 14.4 21.6

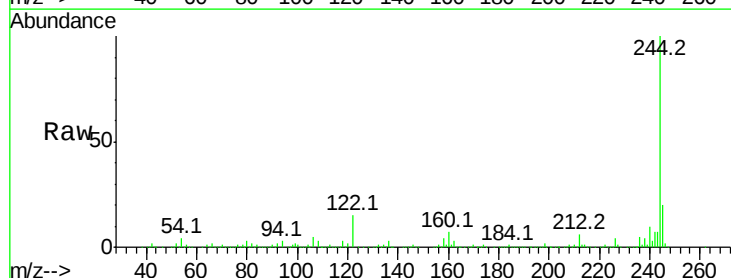


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

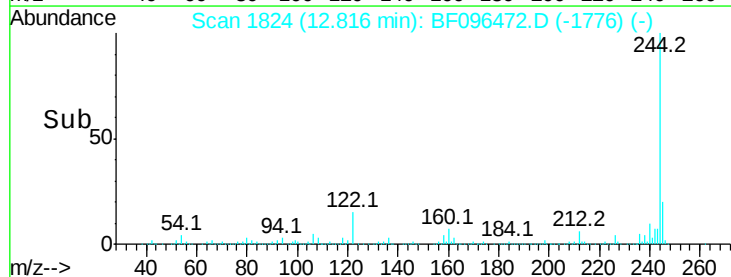
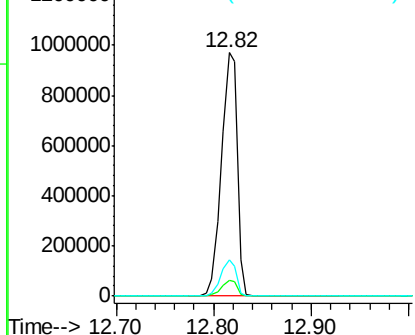


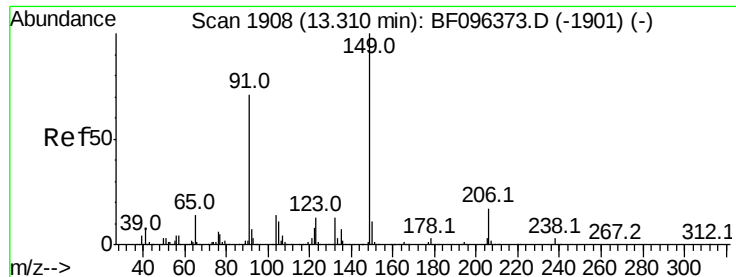
#78
Terphenyl-d14
Concen: 77.57 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:244 Resp: 1095414
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 15.0 10.3 15.5



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

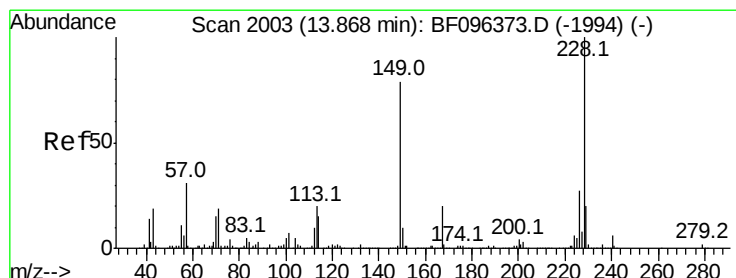
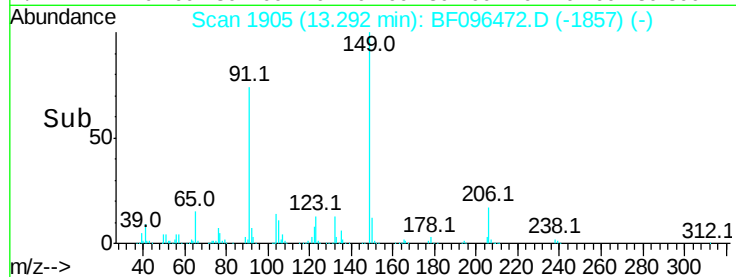
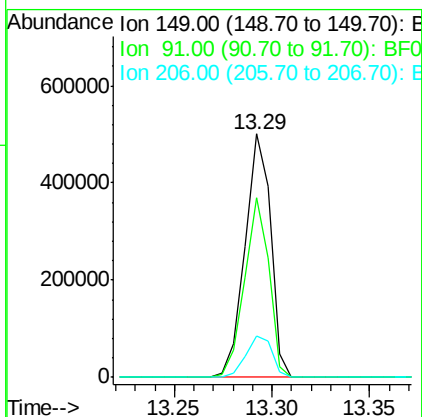
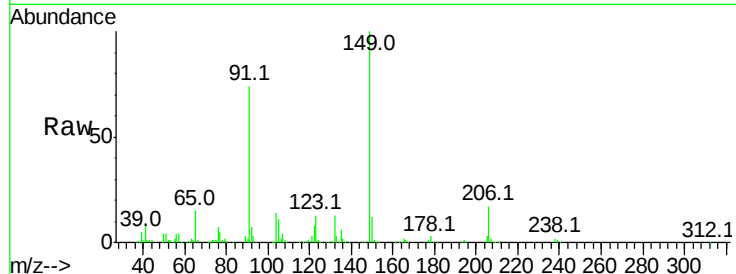




#79
Butylbenzylphthalate
Concen: 37.29 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

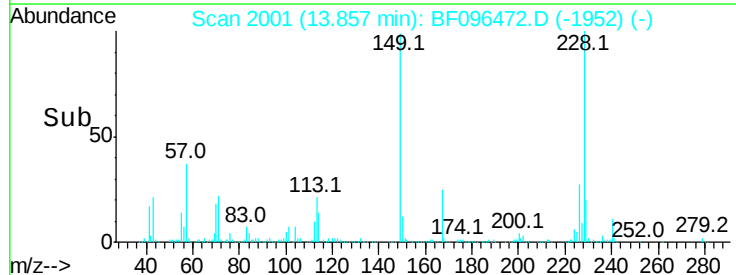
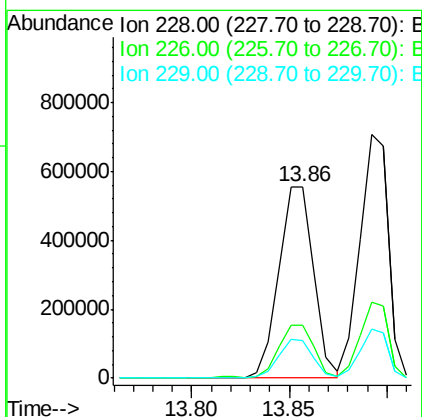
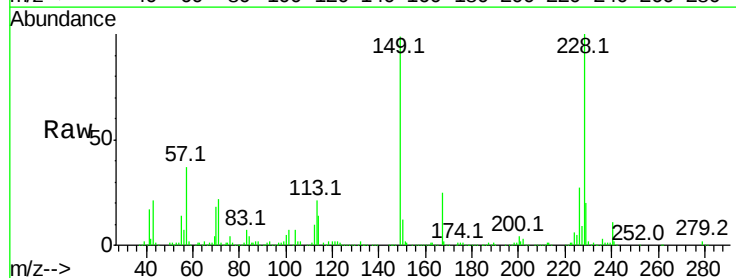
Instrument :
BNA_F
ClientSampleId :

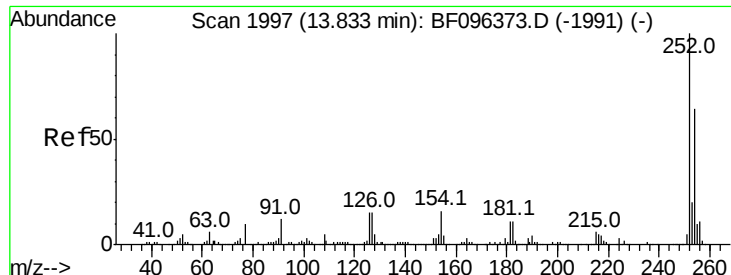
Tot Ion:149 Resp: 457290
Ion Ratio Lower Upper
149 100
91 73.6 45.0 67.4#
206 17.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.33 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096472.D
Acq: 5 Jul 2017 9:46

Tgt Ion:228 Resp: 687324
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.9 16.3 24.5

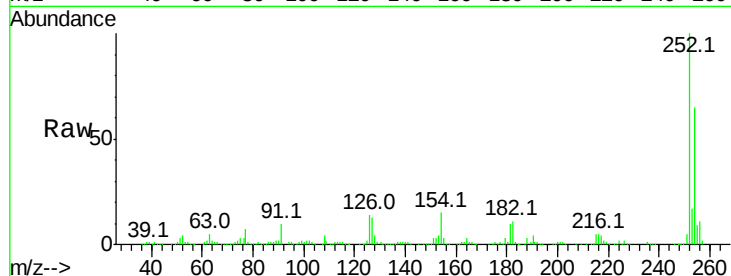




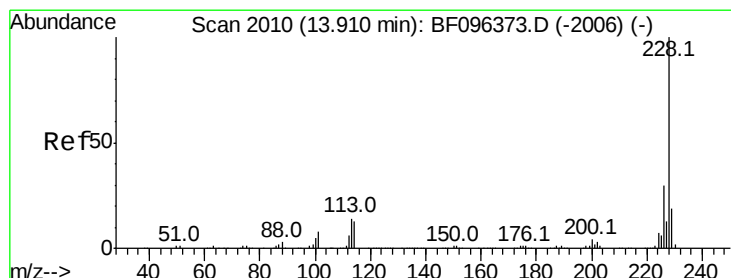
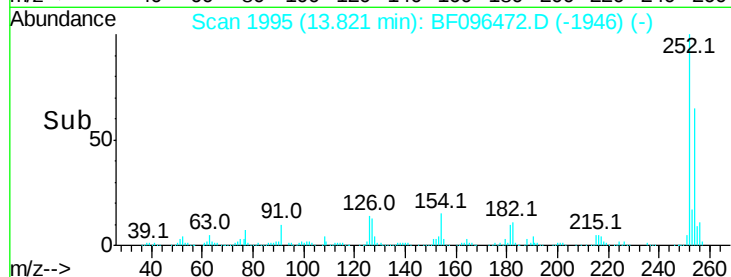
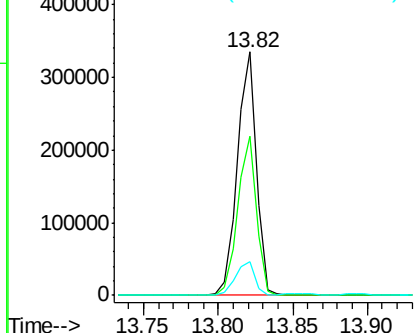
#81
 3,3'-Dichlorobenzidine
 Concen: 41.98 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 301277
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.5 77.3
 126 13.8 15.8 23.8#

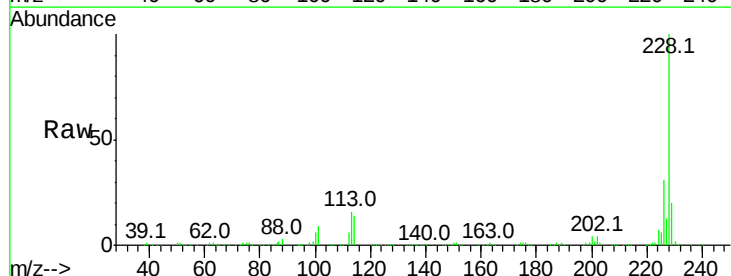


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

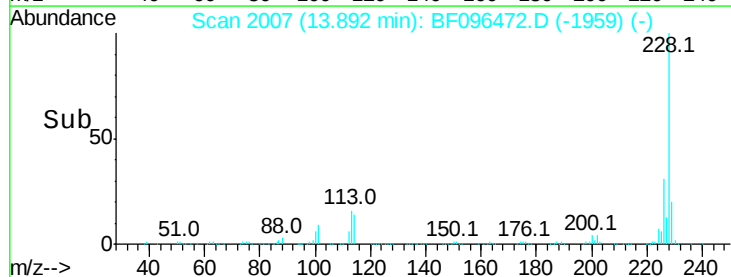
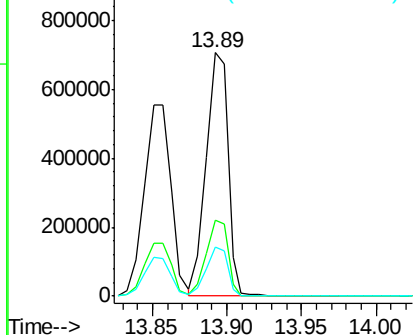


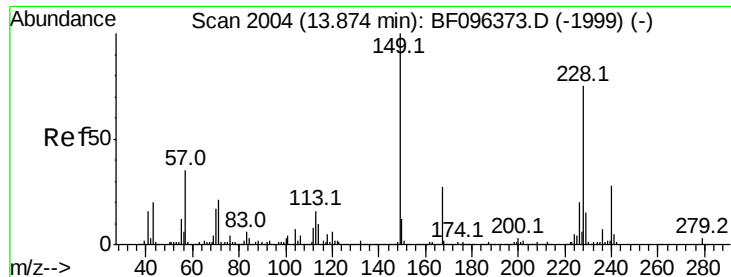
#82
 Chrysene
 Concen: 39.20 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion:228 Resp: 717307
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.2 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

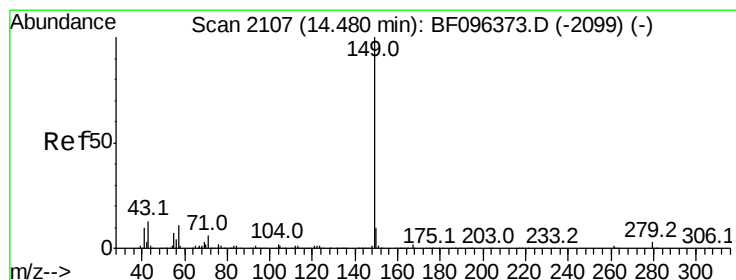
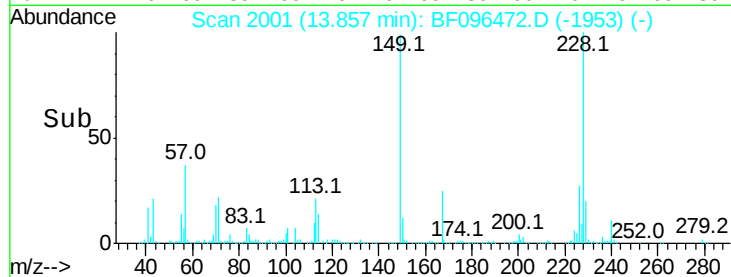
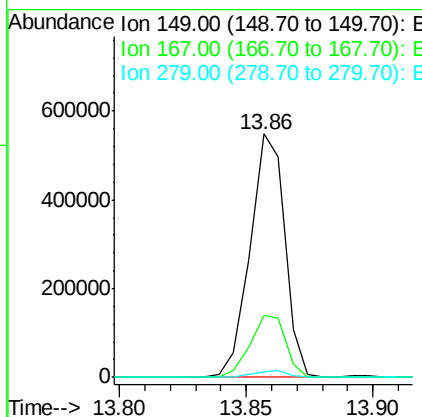
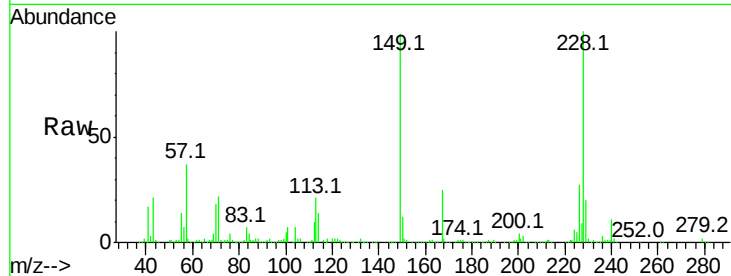




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.33 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

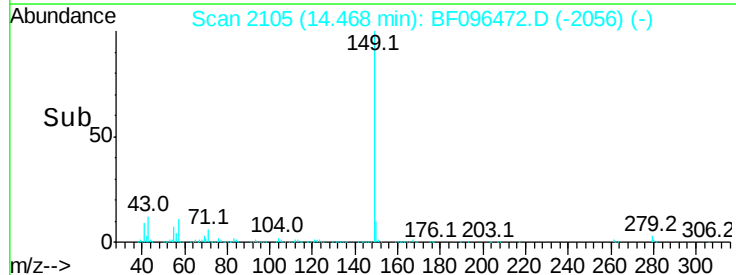
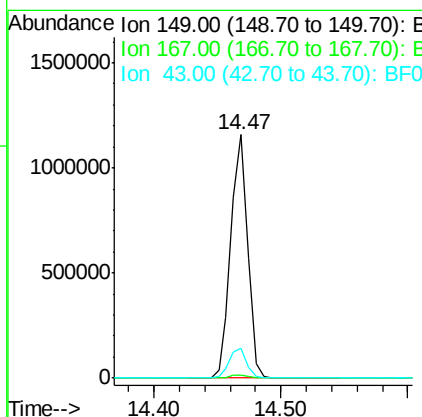
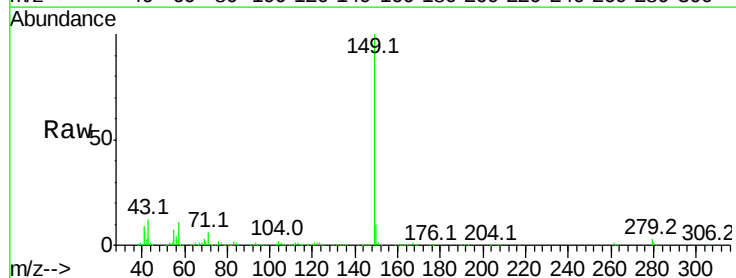
Instrument :
 BNA_F
 ClientSampleId :

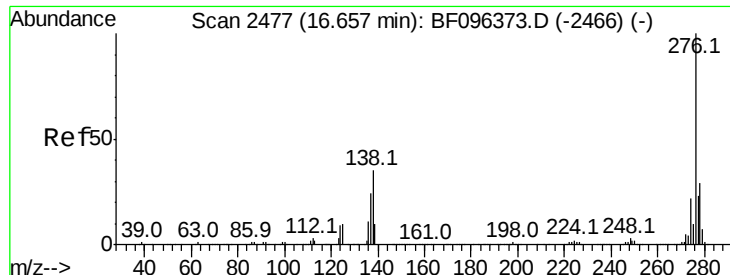
Tot Ion:149 Resp: 524619
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 2.5 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 39.33 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion:149 Resp: 1060175
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.7 8.5 12.7

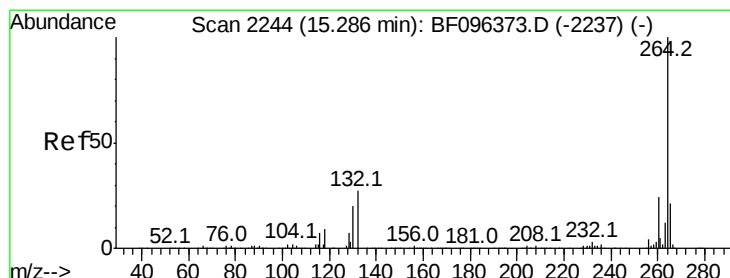
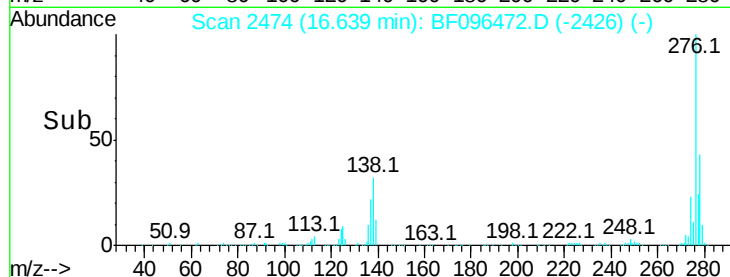
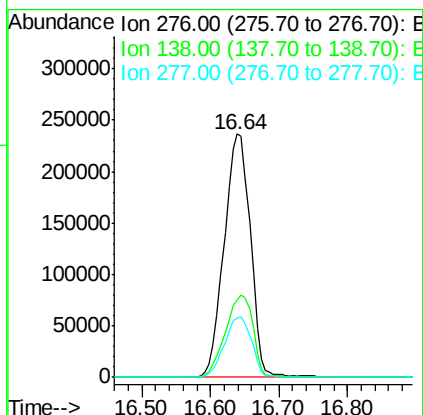
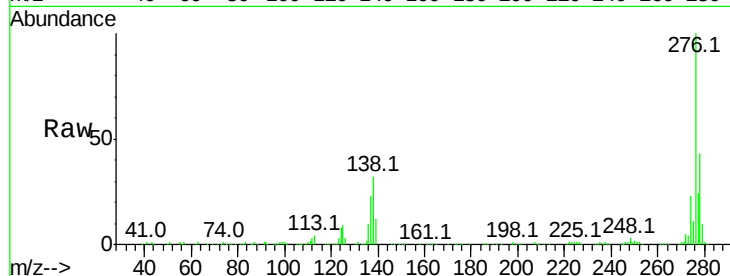




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.55 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. -0.02 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

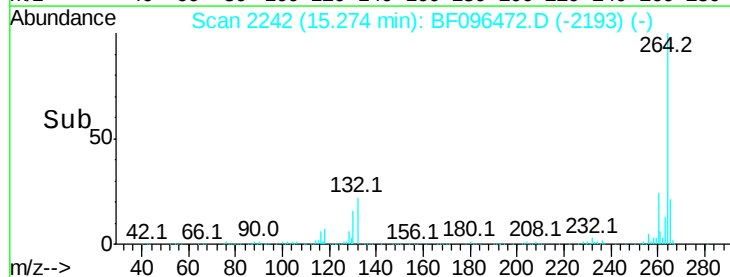
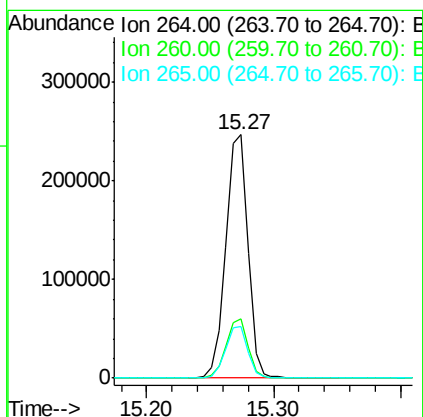
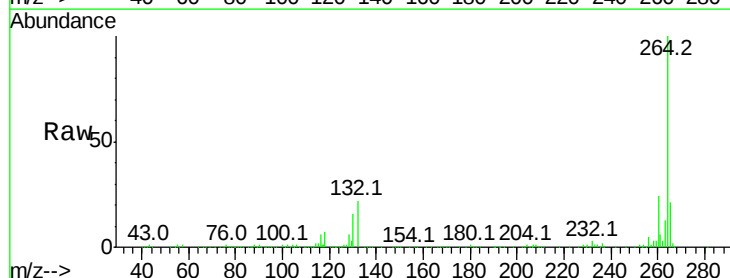
Instrument :
 BNA_F
 ClientSampleId :

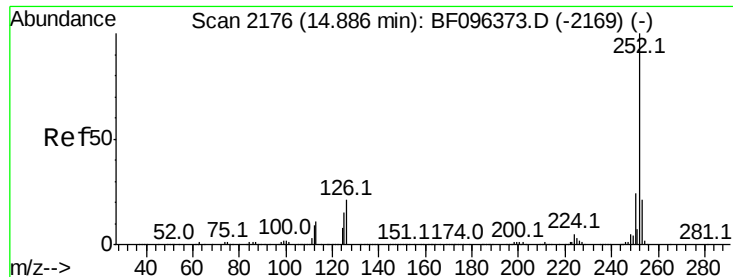
Tot Ion:276 Resp: 629154
 Ion Ratio Lower Upper
 276 100
 138 35.5 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF096472.D
 Acq: 5 Jul 2017 9:46

Tgt Ion:264 Resp: 296680
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 36.41 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BF096472.D

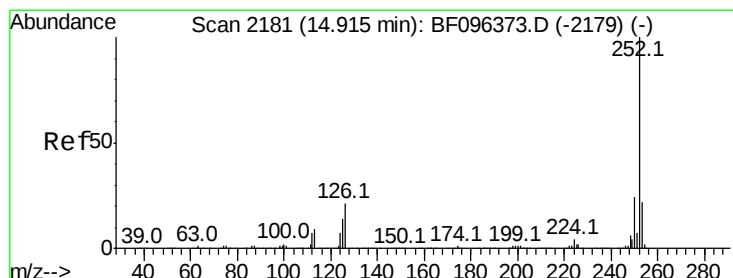
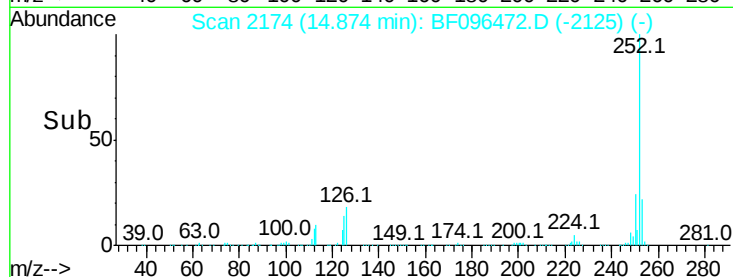
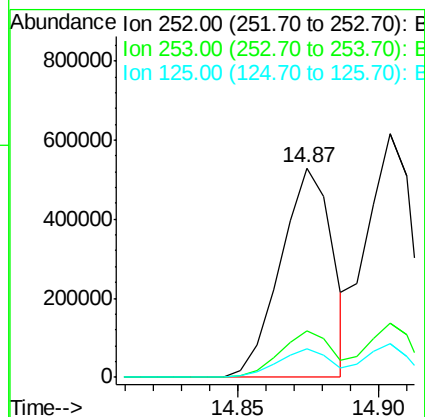
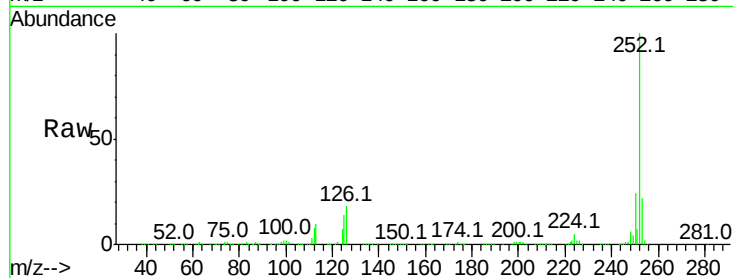
Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	676877
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.7	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 41.30 ng

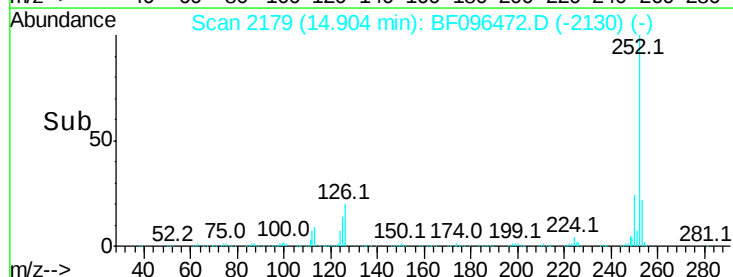
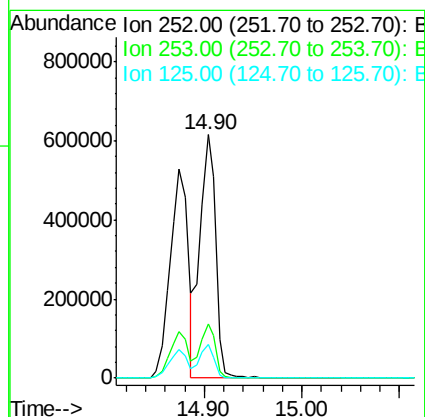
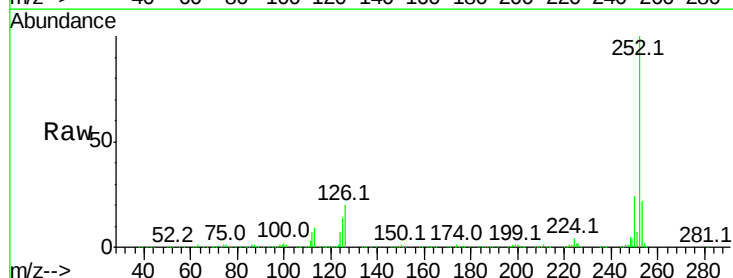
RT: 14.90 min Scan# 2179

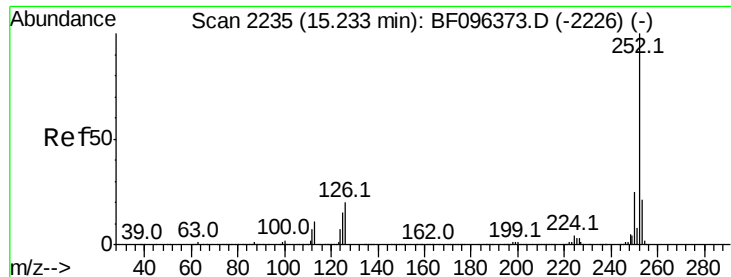
Delta R.T. -0.01 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Tgt Ion:	252	Resp:	686761
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	14.0	13.1	19.7





#89

Benzo(a)pyrene

Concen: 39.36 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

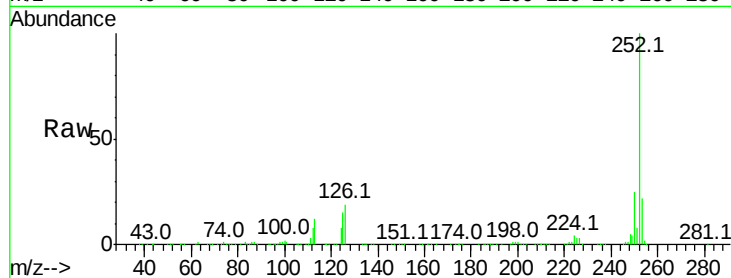
Tot Ion:252 Resp: 653294

Ion Ratio Lower Upper

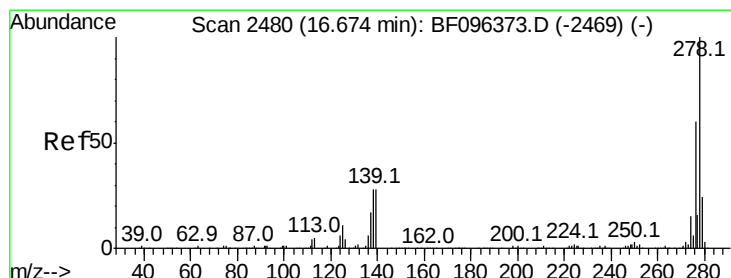
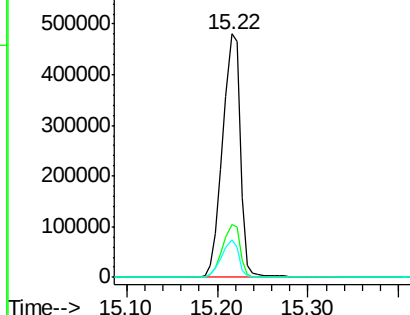
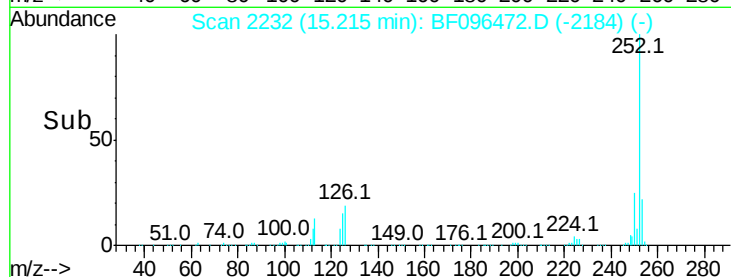
252 100

253 21.8 17.5 26.3

125 15.2 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: 39.11 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

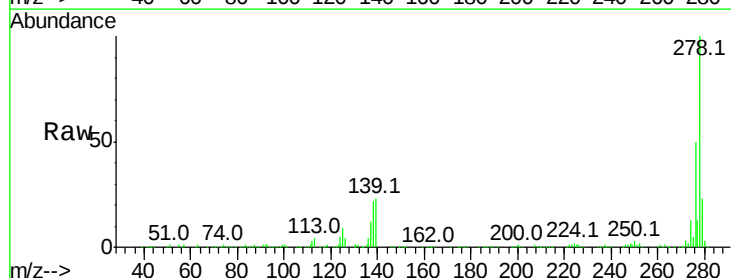
Tgt Ion:278 Resp: 510622

Ion Ratio Lower Upper

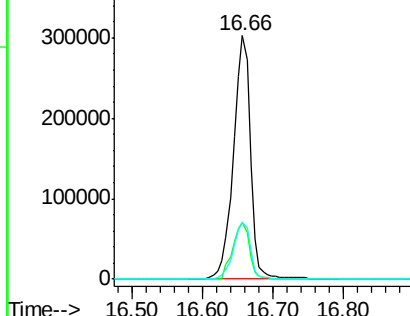
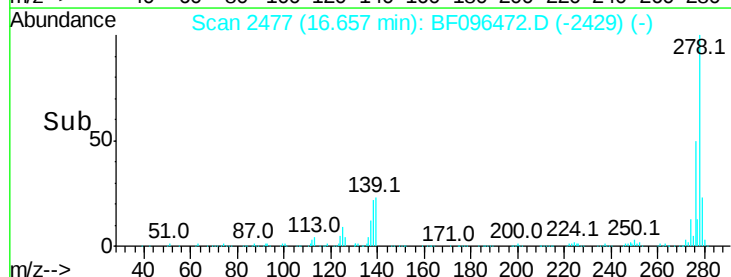
278 100

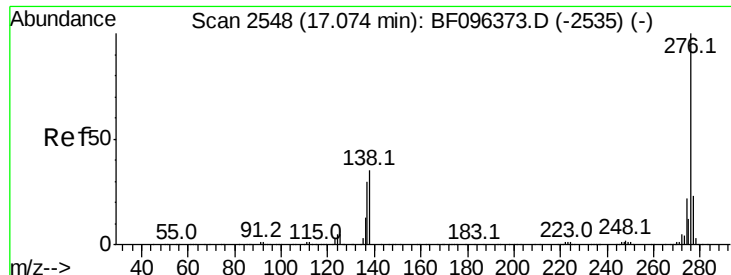
139 23.1 16.6 24.8

279 23.5 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: 38.12 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.02 min

Lab File: BF096472.D

Acq: 5 Jul 2017 9:46

Instrument :

BNA_F

ClientSampleId :

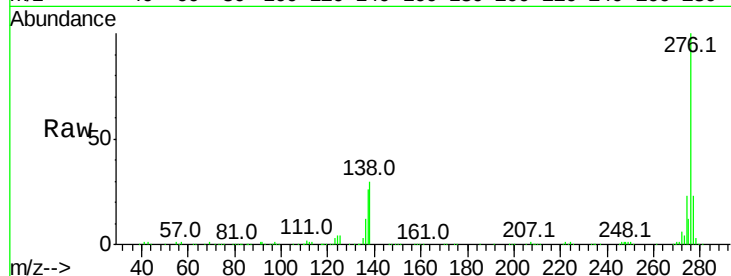
Tot Ion:276 Resp: 515788

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 30.1 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

