

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096377.D
 Acq On : 1 Jul 2017 14:24
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:45:55 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	6.73	152	168265	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	716826	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	274425	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	498341	20.00	ng	0.00
75) Chrysene-d12	13.88	240	322545	20.00	ng	0.00
86) Perylene-d12	15.29	264	275962	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	775652	68.04	ng	0.00
7) Phenol-d6	6.37	99	1100335	78.51	ng	0.00
23) Nitrobenzene-d5	7.30	82	951819	79.79	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	185524	86.55	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1372094	85.49	ng	0.00
78) Terphenyl-d14	12.83	244	1206486	79.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	195649	36.19	ng	# 78
3) Pyridine	3.13	79	544456	36.71	ng	# 68
4) n-Nitrosodimethylamine	3.07	42	270513	36.95	ng	88
6) Aniline	6.40	93	718330	39.66	ng	98
8) 2-Chlorophenol	6.52	128	475496	39.11	ng	93
9) Benzaldehyde	6.28	77	352613	40.20	ng	96
10) Phenol	6.39	94	627937	39.33	ng	86
11) bis(2-Chloroethyl)ether	6.47	93	491198	39.81	ng	92
12) 1,3-Dichlorobenzene	6.67	146	501644	39.35	ng	96
13) 1,4-Dichlorobenzene	6.67	146	501644	39.37	ng	93
14) 1,2-Dichlorobenzene	6.91	146	457318	39.09	ng	97
15) Benzyl Alcohol	6.88	79	375048	40.03	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1014797	40.45	ng	92
17) 2-Methylphenol	6.99	107	386652	39.91	ng	98
18) Hexachloroethane	7.25	117	183043	39.63	ng	# 80
19) n-Nitroso-di-n-propylamine	7.16	70	326904	39.15	ng	# 85
20) 3+4-Methylphenols	7.15	107	427806	39.59	ng	97
22) Acetophenone	7.15	105	594111	37.93	ng	# 91
24) Nitrobenzene	7.32	77	503266	40.22	ng	90
25) Isophorone	7.56	82	917436	39.67	ng	97
26) 2-Nitrophenol	7.63	139	270723	40.87	ng	# 86
27) 2,4-Dimethylphenol	7.68	122	434984	38.57	ng	94
28) bis(2-Chloroethoxy)methane	7.77	93	606097	39.70	ng	100
29) 2,4-Dichlorophenol	7.87	162	383543	39.42	ng	93
30) 1,2,4-Trichlorobenzene	7.96	180	358526	39.06	ng	99
31) Naphthalene	8.04	128	1309973	38.71	ng	99
32) Benzoic acid	7.81	122	343639	36.28	ng	95
33) 4-Chloroaniline	8.09	127	550147	39.14	ng	99
34) Hexachlorobutadiene	8.16	225	179463	38.12	ng	97
35) Caprolactam	8.46	113	128905	38.42	ng	# 55
36) 4-Chloro-3-methylphenol	8.57	107	414745	38.52	ng	93
37) 2-Methylnaphthalene	8.73	142	819419	38.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	299050	41.97	ng	99
40) Hexachlorocyclopentadiene	8.89	237	157210	45.38	ng	99

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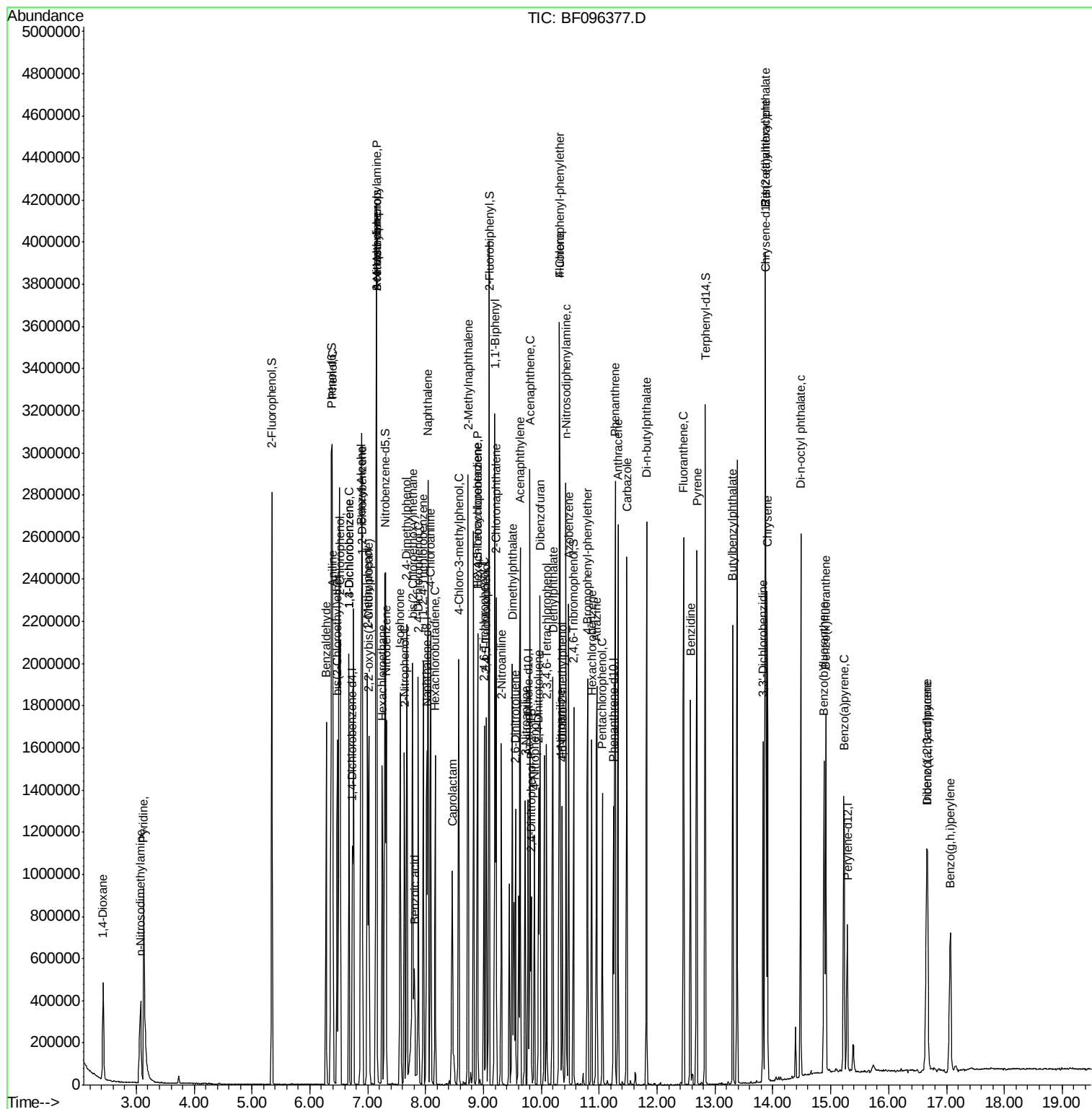
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	235217	41.73	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	239234	42.92	nq	99
45) 1,1'-Biphenyl	9.20	154	980190	41.69	nq	97
46) 2-Chloronaphthalene	9.22	162	738957	42.17	nq	95
47) 2-Nitroaniline	9.31	65	272866	42.80	nq	94
48) Acenaphthylene	9.63	152	1088978	39.22	nq	99
49) Dimethylphthalate	9.50	163	805026	39.30	nq	100
50) 2,6-Dinitrotoluene	9.56	165	184146	40.65	nq	# 90
51) Acenaphthene	9.80	154	686916	40.14	nq	100
52) 3-Nitroaniline	9.72	138	220454	39.02	nq	88
53) 2,4-Dinitrophenol	9.83	184	101477	42.17	nq	# 67
54) Dibenzofuran	9.97	168	909486	40.25	nq	100
55) 4-Nitrophenol	9.88	139	187910	40.12	nq	# 71
56) 2,4-Dinitrotoluene	9.96	165	243767	42.49	nq	# 91
57) Fluorene	10.32	166	704702	44.16	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	169751	44.02	nq	# 98
59) Diethylphthalate	10.20	149	830237	42.88	nq	99
60) 4-Chlorophenyl-phenylether	10.31	204	296389	42.69	nq	97
61) 4-Nitroaniline	10.33	138	226677	44.12	nq	89
62) Azobenzene	10.47	77	826364	44.14	nq	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	145017	42.19	nq	91
65) n-Nitrosodiphenylamine	10.43	169	687619	39.33	nq	97
66) 4-Bromophenyl-phenylether	10.80	248	193925	39.98	nq	99
67) Hexachlorobenzene	10.87	284	211237	39.78	nq	# 89
68) Atrazine	10.96	200	193815	38.80	nq	92
69) Pentachlorophenol	11.06	266	135154	42.94	nq	98
70) Phenanthrene	11.27	178	1028181	38.17	nq	99
71) Anthracene	11.33	178	1059666	38.60	nq	99
72) Carbazole	11.47	167	1073602	38.89	nq	99
73) Di-n-butylphthalate	11.82	149	1307241	39.09	nq	99
74) Fluoranthene	12.46	202	1009405	38.22	nq	97
76) Benzidine	12.57	184	604175	39.04	nq	100
77) Pyrene	12.69	202	1035109	39.98	nq	99
79) Butylbenzylphthalate	13.31	149	544530	41.55	nq	# 84
80) Benzo(a)anthracene	13.87	228	752330	40.28	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	307810	40.12	nq	# 97
82) Chrysene	13.90	228	790576	40.42	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	586569	40.10	nq	99
84) Di-n-octyl phthalate	14.48	149	1174934	40.78	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.66	276	601815	38.98	nq	95
87) Benzo(b)fluoranthene	14.89	252	668019	38.63	nq	97
88) Benzo(k)fluoranthene	14.92	252	656760	42.46	nq	97
89) Benzo(a)pyrene	15.23	252	621374	40.25	nq	# 97
90) Dibenzo(a,h)anthracene	16.67	278	486887	40.09	nq	96
91) Benzo(g,h,i)perylene	17.07	276	498834	39.64	nq	98

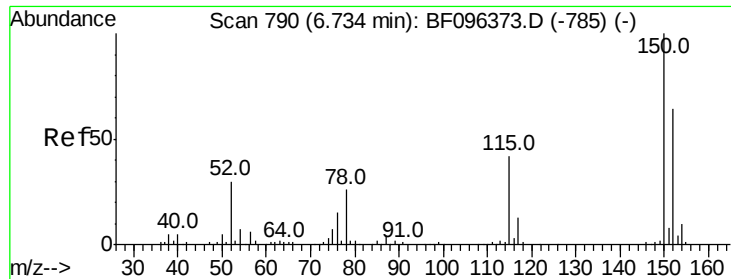
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :

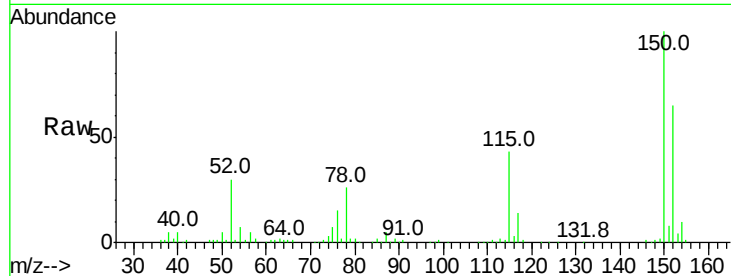
Tot Ion:152 Resp: 168265

Ion Ratio Lower Upper

152 100

150 153.7 126.2 189.2

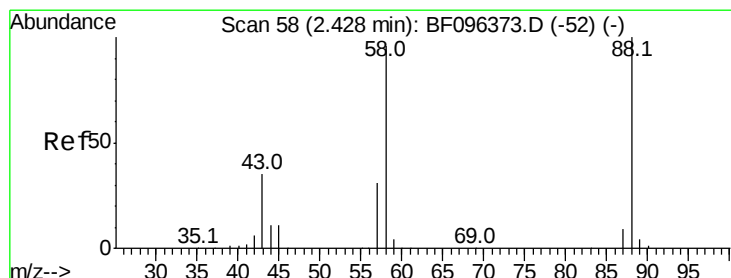
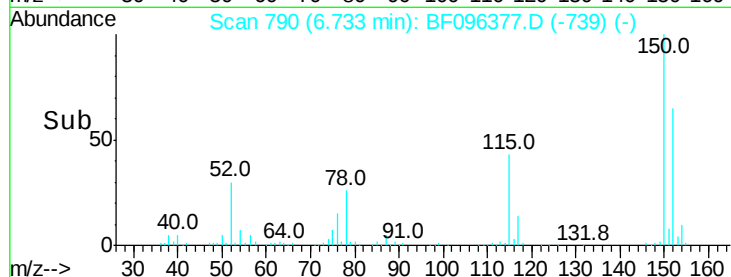
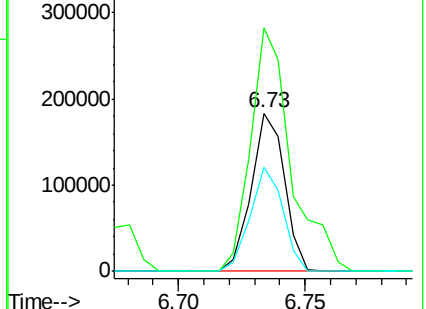
115 66.0 52.2 78.2



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



#2

1,4-Dioxane

Concen: 36.19 ng

RT: 2.43 min Scan# 58

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

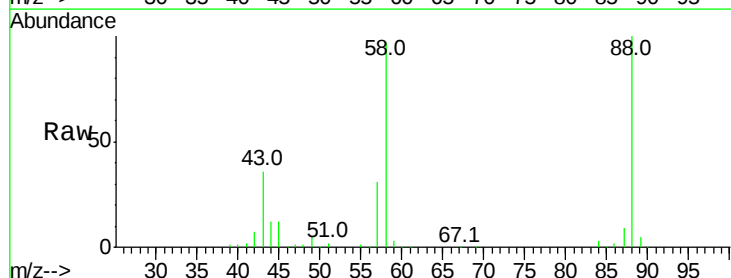
Tgt Ion: 88 Resp: 195649

Ion Ratio Lower Upper

88 100

58 97.9 61.4 92.0#

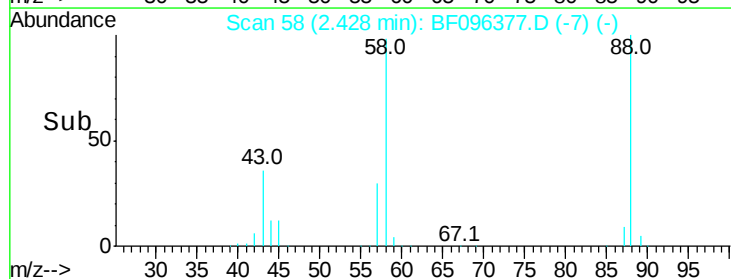
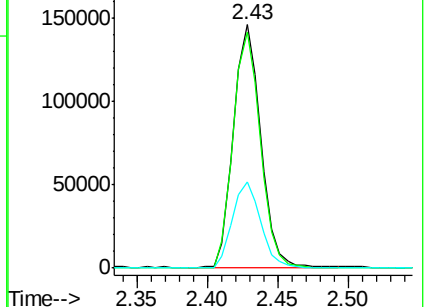
43 37.2 23.4 35.0#

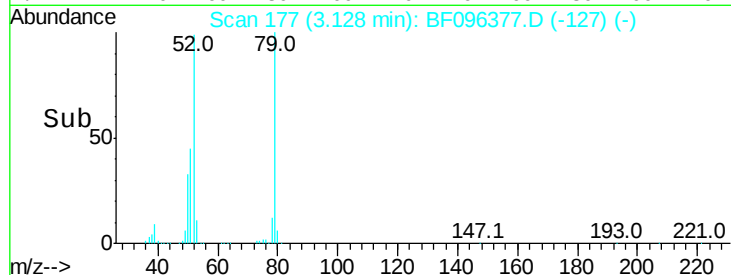
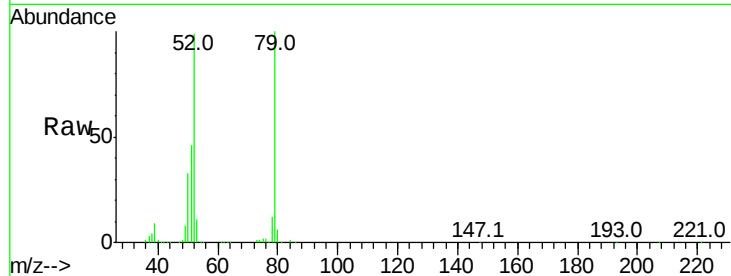
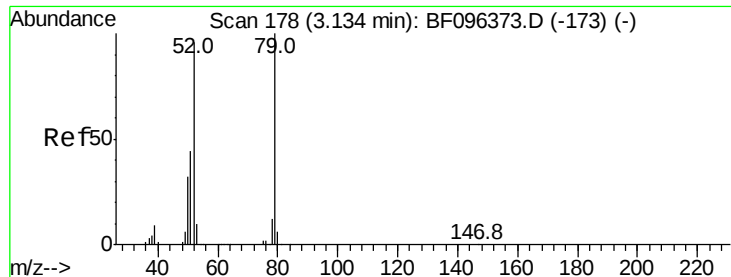


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.71 ng

RT: 3.13 min Scan# 177

Delta R.T. -0.01 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :

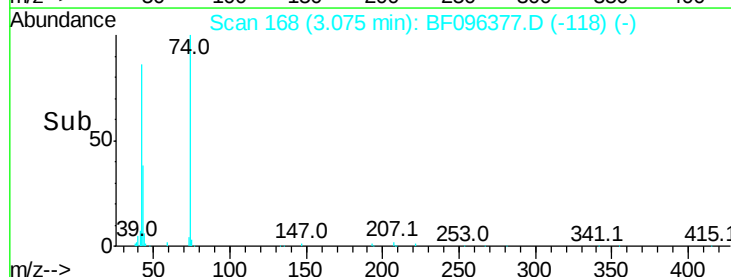
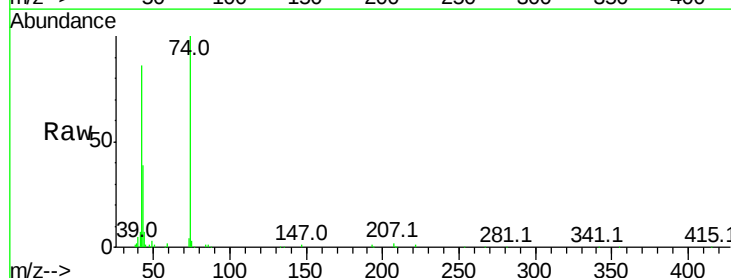
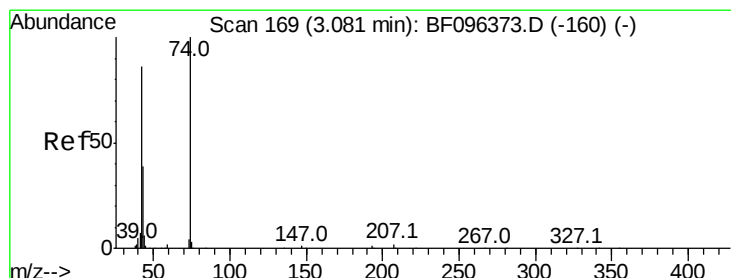
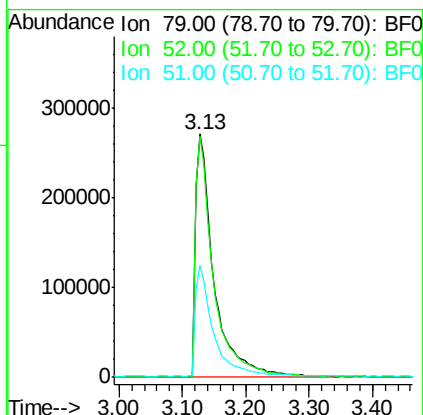
Tot Ion: 79 Resp: 544456

Ion Ratio Lower Upper

79 100

52 98.9 54.8 82.2#

51 46.0 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 36.95 ng

RT: 3.07 min Scan# 168

Delta R.T. -0.01 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

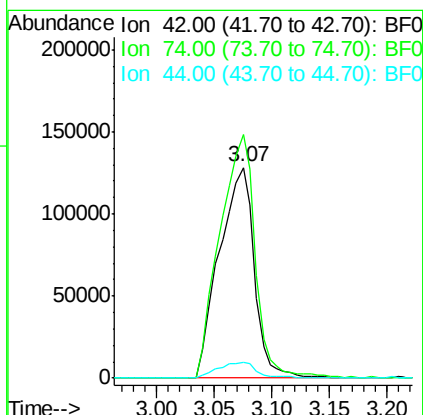
Tgt Ion: 42 Resp: 270513

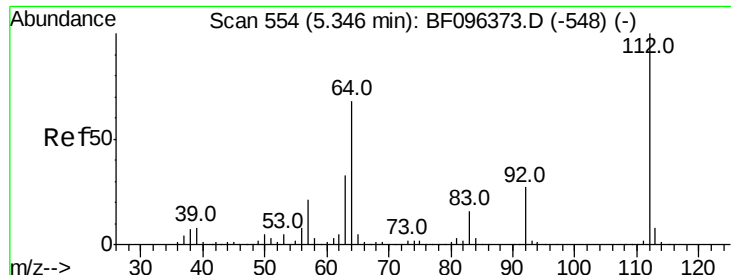
Ion Ratio Lower Upper

42 100

74 115.7 103.9 155.9

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 68.04 ng

RT: 5.35 min Scan# 554

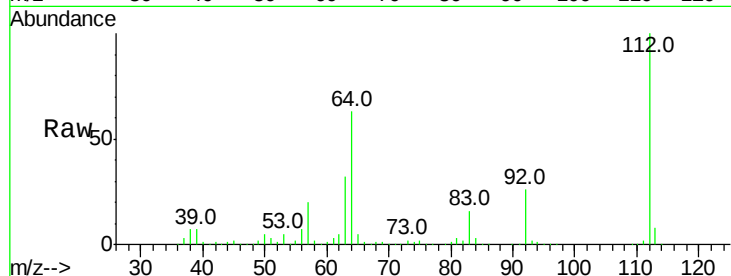
Delta R.T. 0.00 min

Lab File: BF096377.D

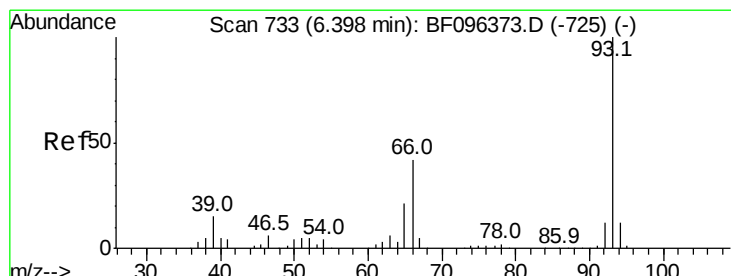
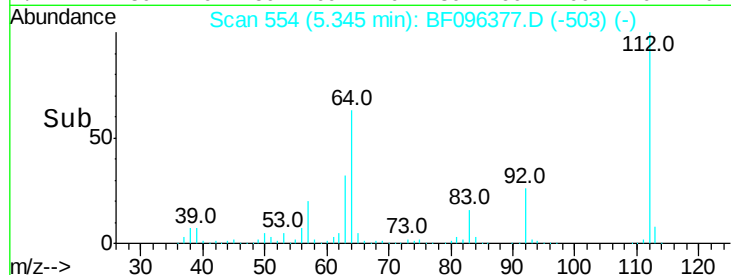
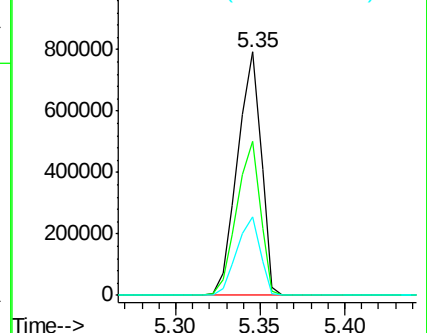
Acq: 1 Jul 2017 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	775652
Ion	Ratio	Lower	Upper
112	100		
64	63.3	46.0	69.0
63	32.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 39.66 ng

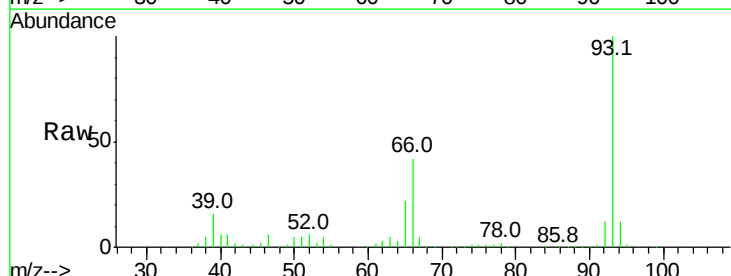
RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

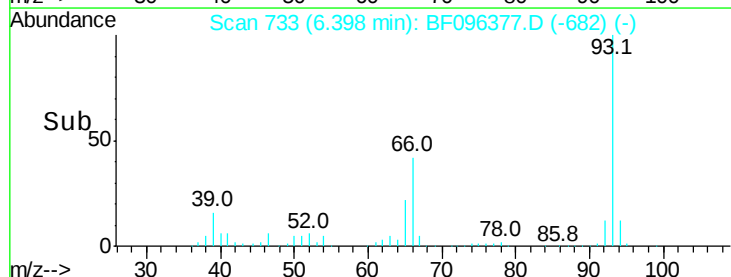
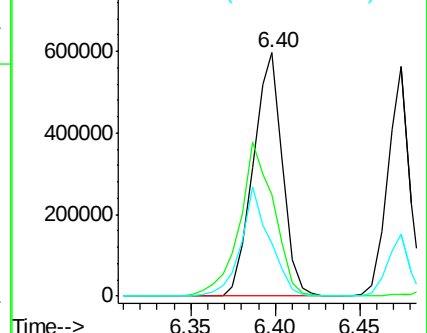
Lab File: BF096377.D

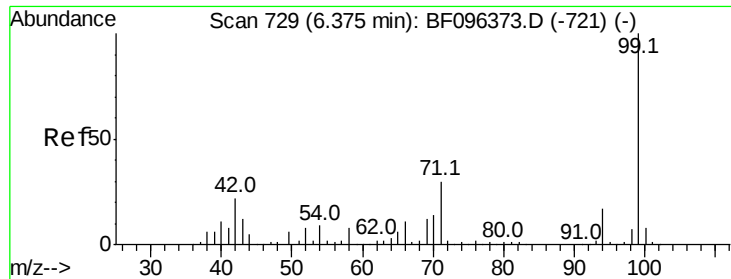
Acq: 1 Jul 2017 14:24

Tgt Ion:	93	Resp:	718330
Ion	Ratio	Lower	Upper
93	100		
66	41.9	32.9	49.3
65	21.7	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 78.51 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

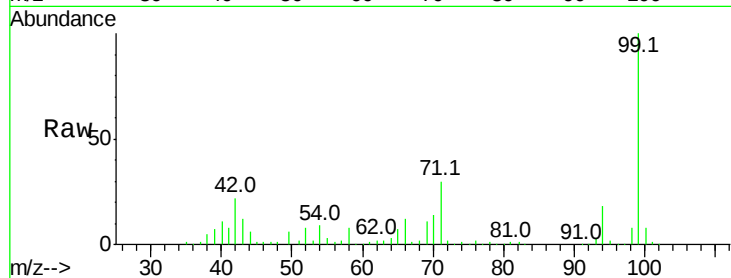
Instrument :

BNA_F

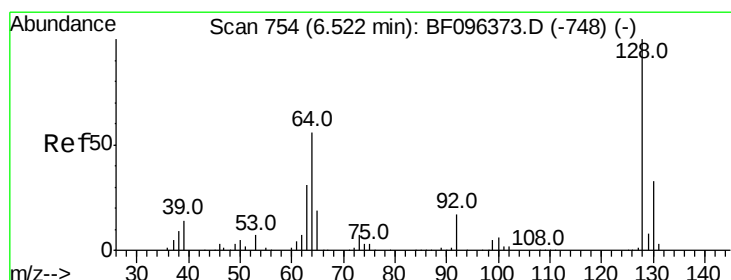
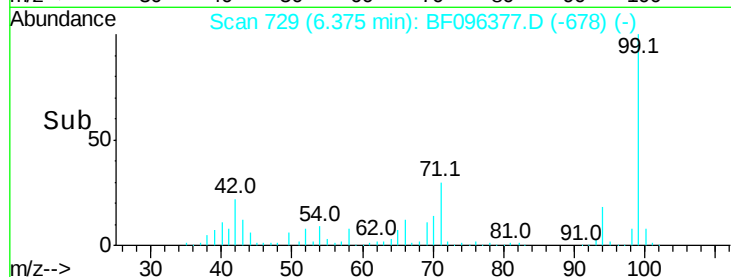
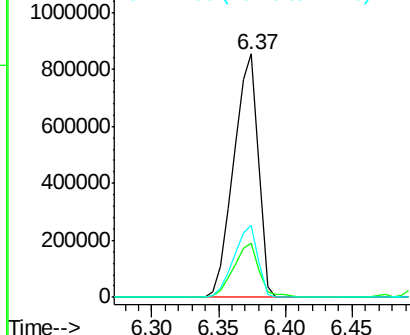
ClientSampleId :

Tot Ion: 99 Resp: 1100335

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	29.8	24.5	36.7



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



#8

2-Chlorophenol

Concen: 39.11 ng

RT: 6.52 min Scan# 754

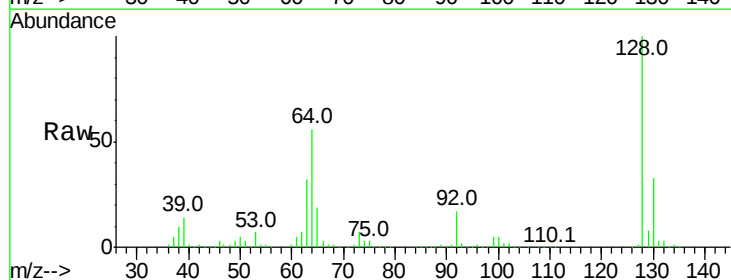
Delta R.T. -0.00 min

Lab File: BF096377.D

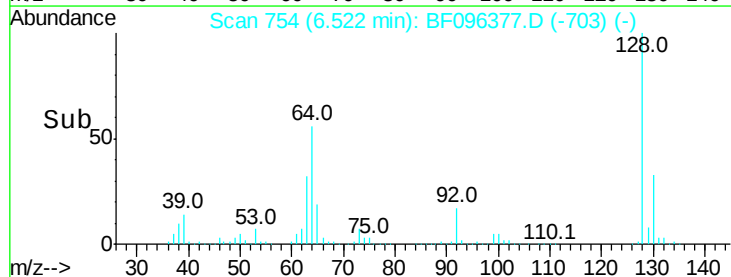
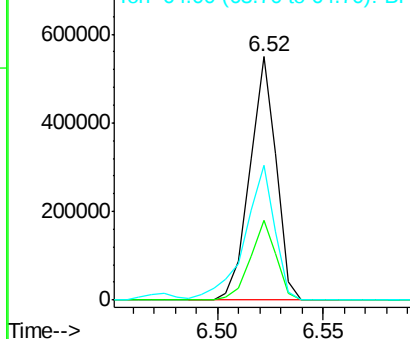
Acq: 1 Jul 2017 14:24

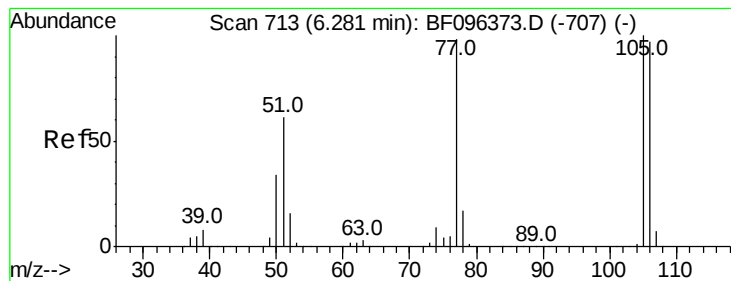
Tgt Ion:128 Resp: 475496

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	55.6	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: 40.20 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampled :

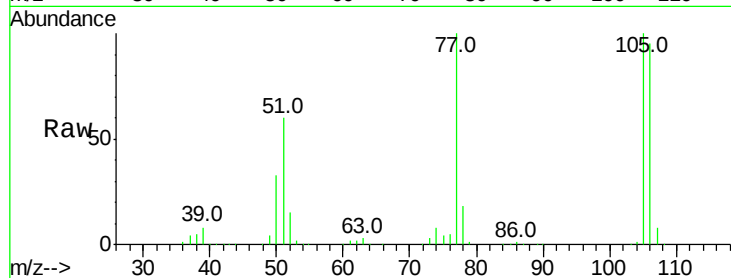
Tot Ion: 77 Resp: 352613

Ion Ratio Lower Upper

77 100

105 100.3 83.8 123.8

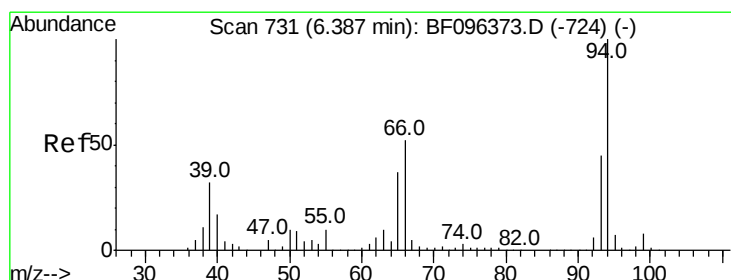
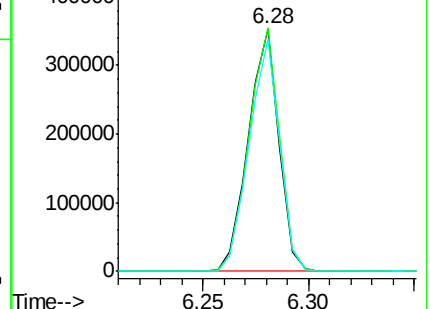
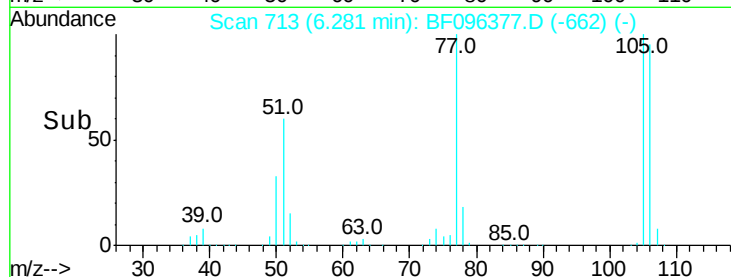
106 95.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.33 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

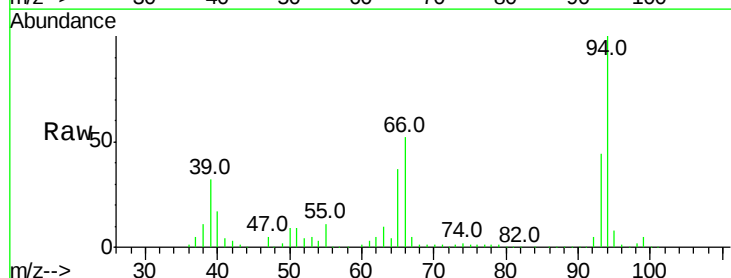
Tgt Ion: 94 Resp: 627937

Ion Ratio Lower Upper

94 100

65 37.2 9.9 49.9

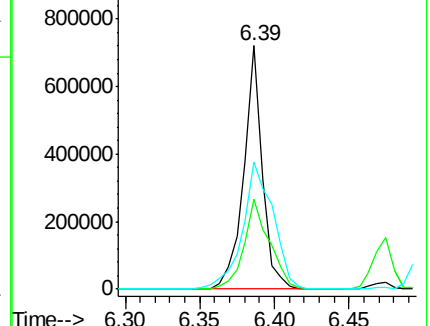
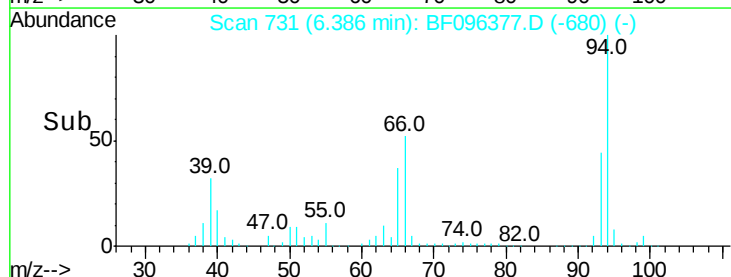
66 52.3 23.1 63.1

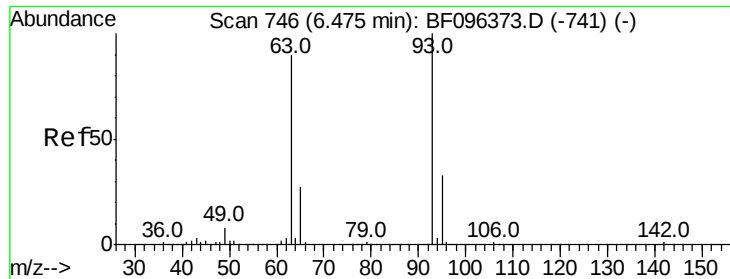


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

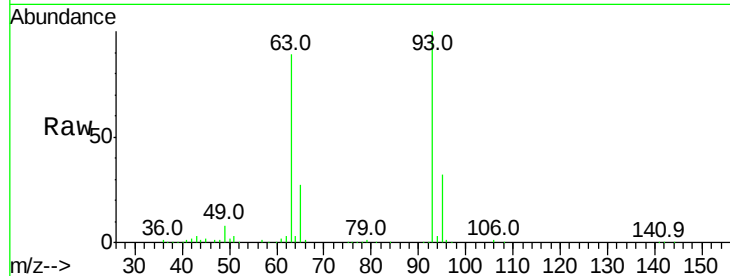




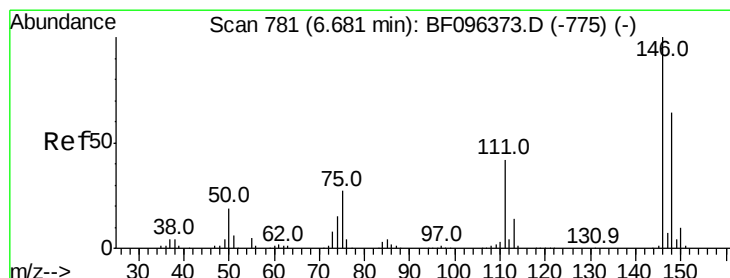
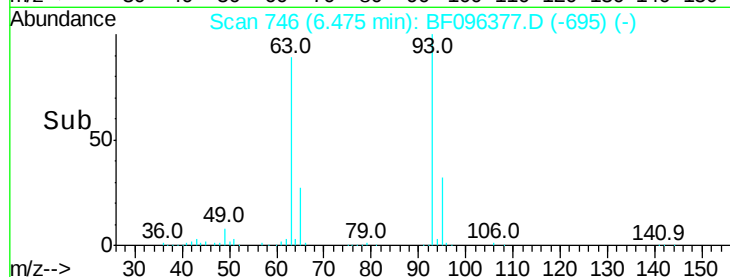
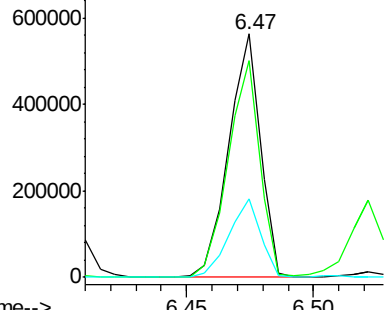
#11
bis(2-Chloroethyl)ether
Concen: 39.81 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 491198
Ion Ratio Lower Upper
93 100
63 89.0 59.2 99.2
95 32.0 12.8 52.8

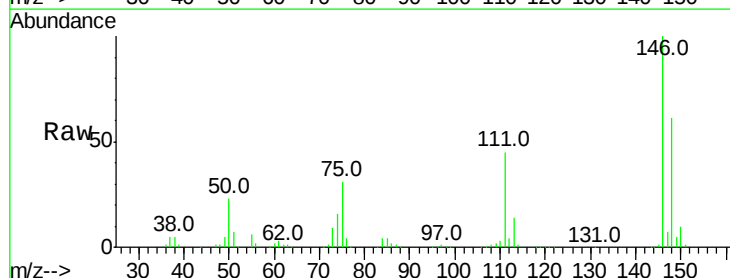


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

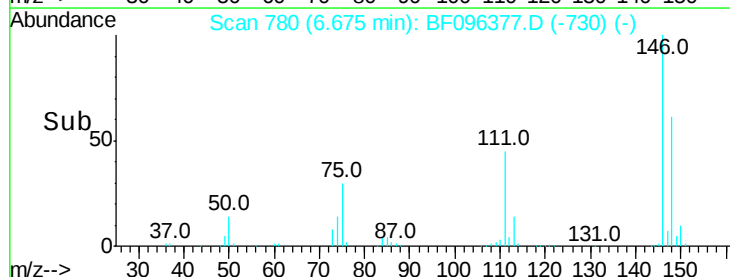
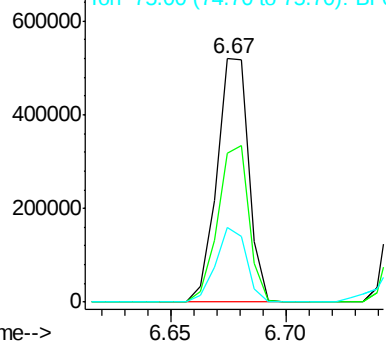


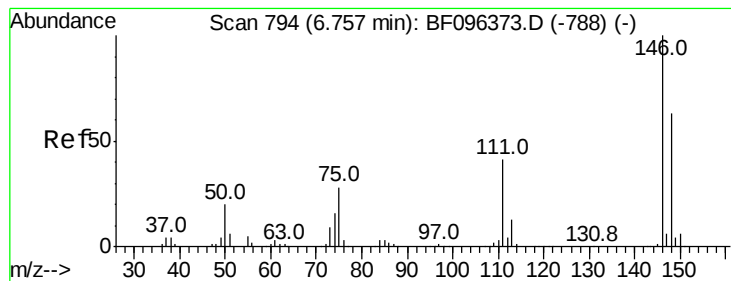
#12
1,3-Dichlorobenzene
Concen: 39.35 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion: 146 Resp: 501644
Ion Ratio Lower Upper
146 100
148 61.3 51.8 77.6
75 30.6 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.37 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.08 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :

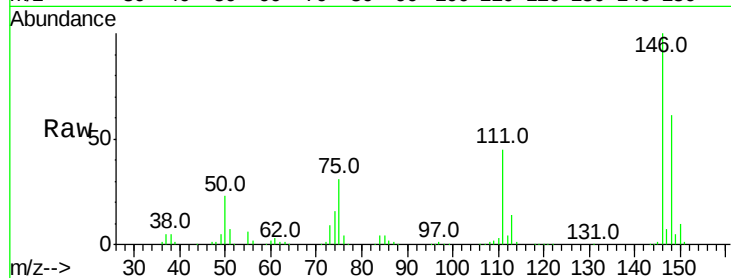
Tot Ion:146 Resp: 501644

Ion Ratio Lower Upper

146 100

148 61.3 52.2 78.2

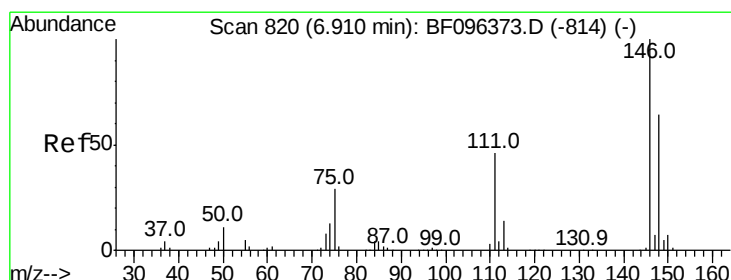
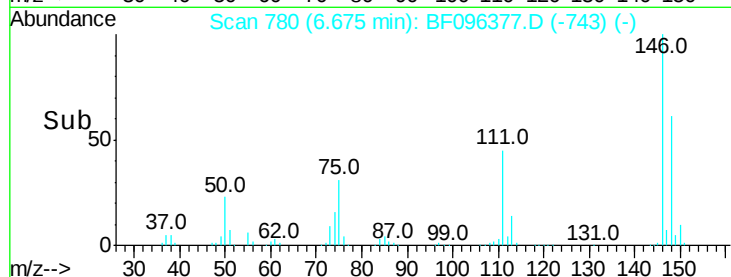
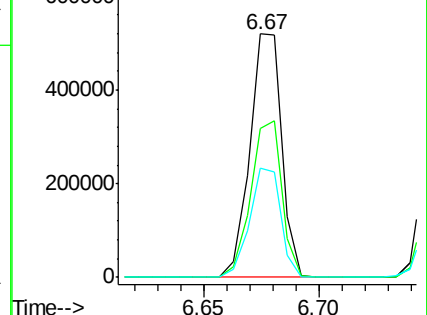
111 45.0 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.09 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

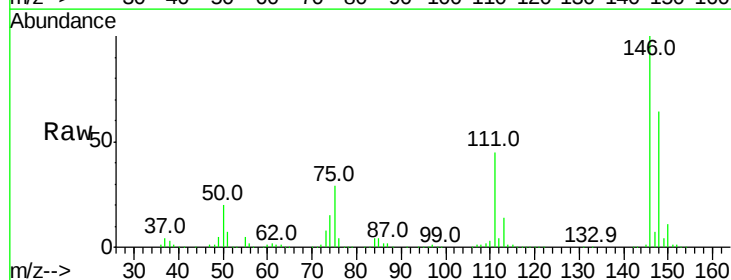
Tgt Ion:146 Resp: 457318

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

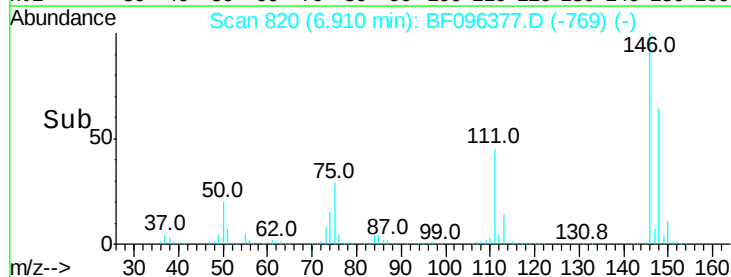
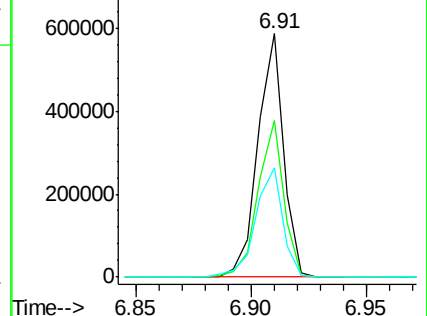
111 44.7 38.2 57.4

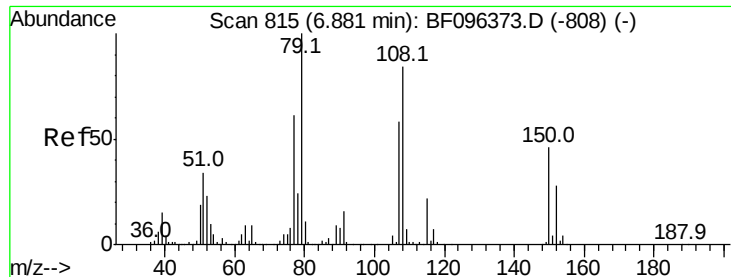


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

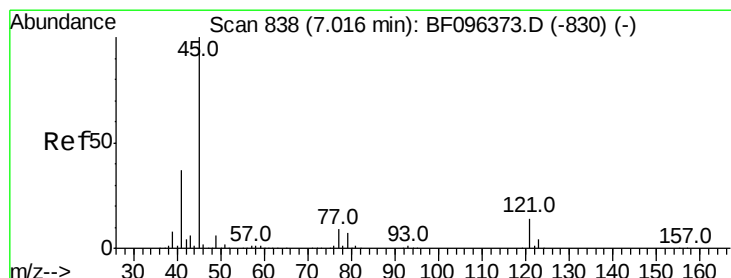
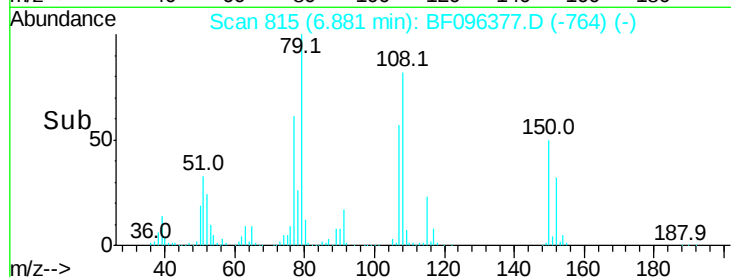
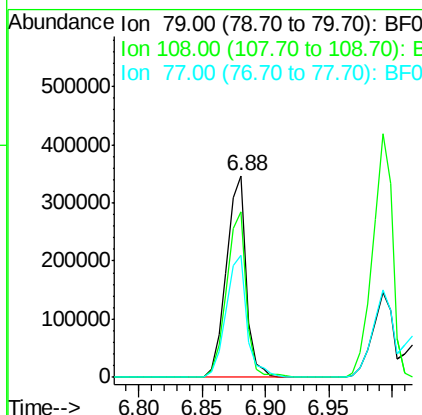
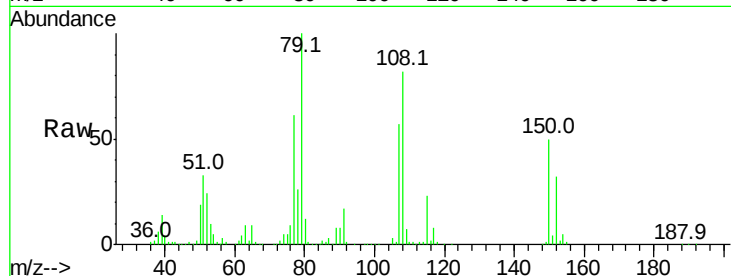




#15
Benzyl Alcohol
Concen: 40.03 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

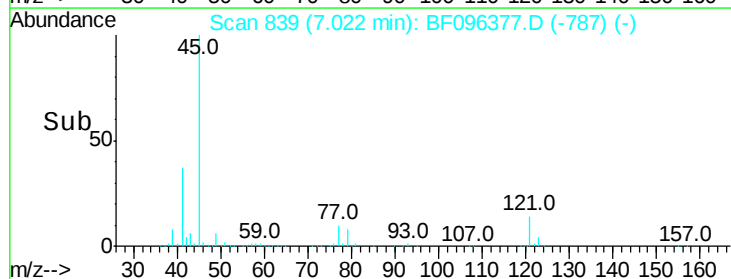
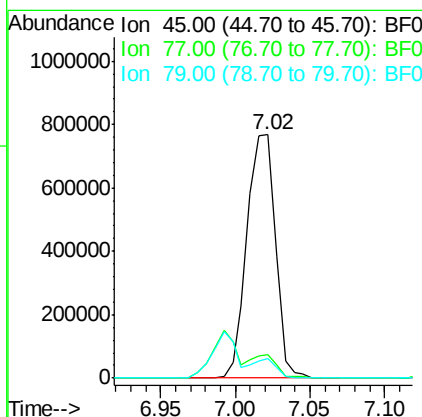
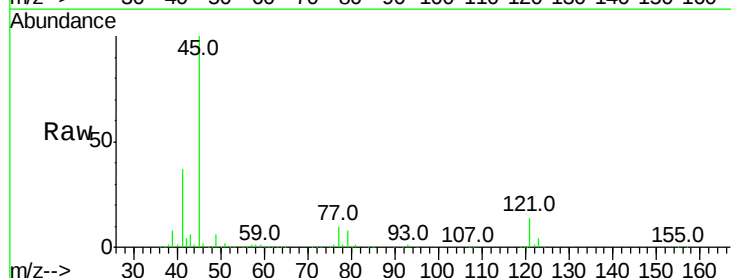
Instrument :
BNA_F
ClientSampled :

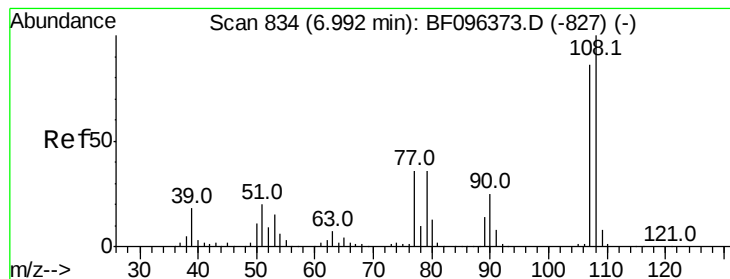
Tot Ion: 79 Resp: 375048
Ion Ratio Lower Upper
79 100
108 82.1 63.4 95.0
77 60.9 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.45 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion: 45 Resp: 1014797
Ion Ratio Lower Upper
45 100
77 9.7 0.0 33.2
79 7.9 0.0 30.0





#17

2-Methylphenol

Concen: 39.91 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 386652

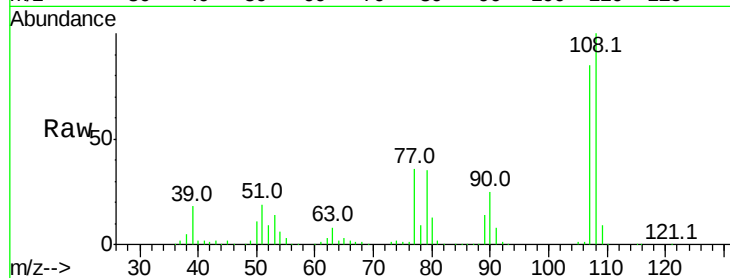
Ion Ratio Lower Upper

107 100

108 117.4 93.4 140.0

77 42.3 35.8 53.6

79 41.2 34.8 52.2

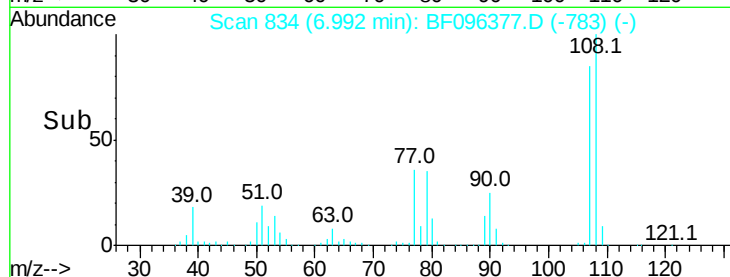


Abundance Ion 107.00 (106.70 to 107.70): E

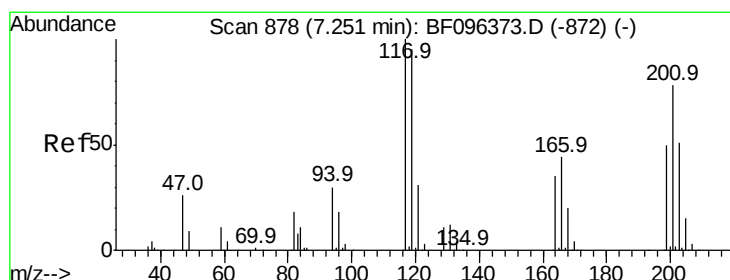
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.63 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

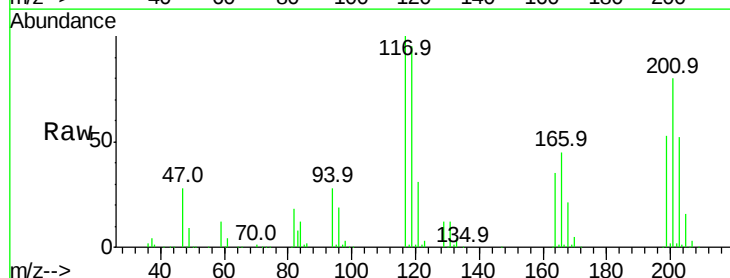
Tgt Ion:117 Resp: 183043

Ion Ratio Lower Upper

117 100

119 94.6 77.4 116.0

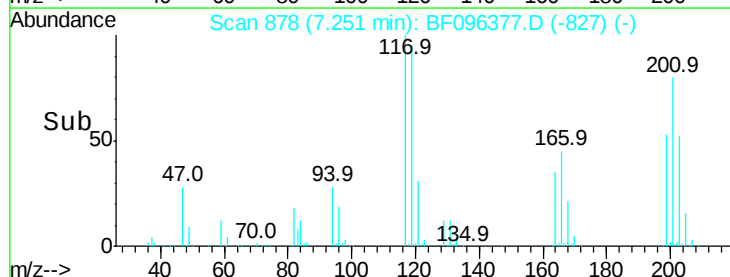
201 80.3 94.6 141.8#



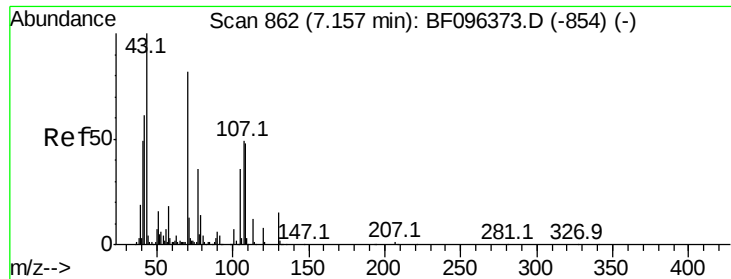
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



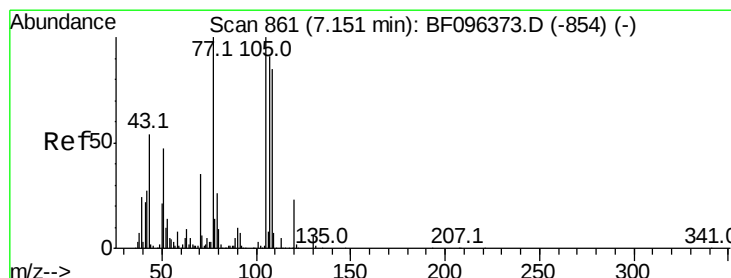
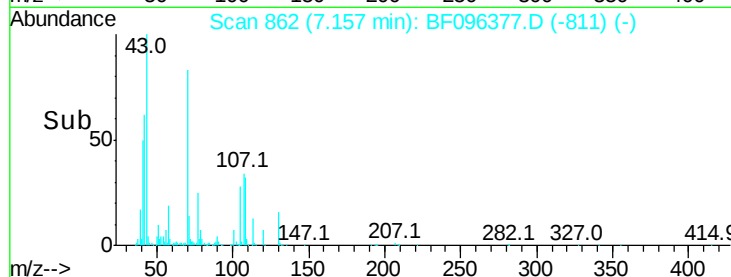
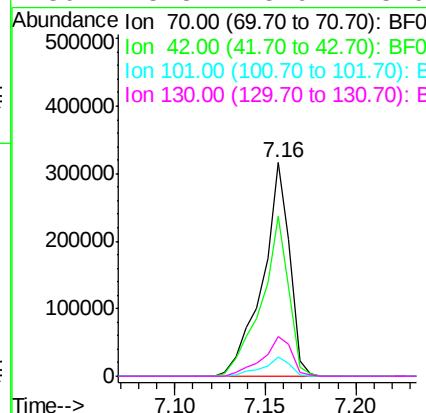
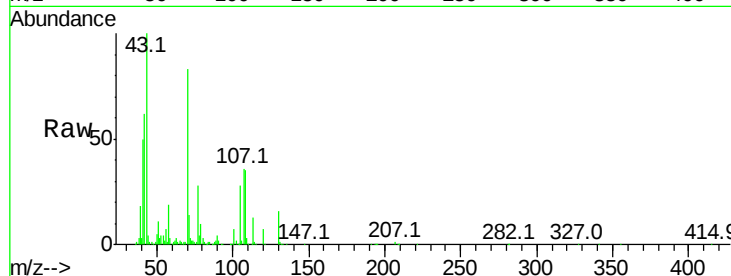
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 39.15 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

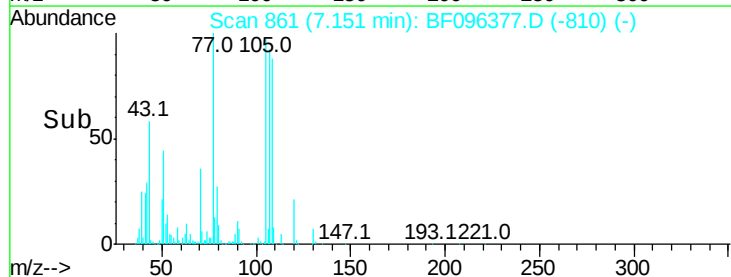
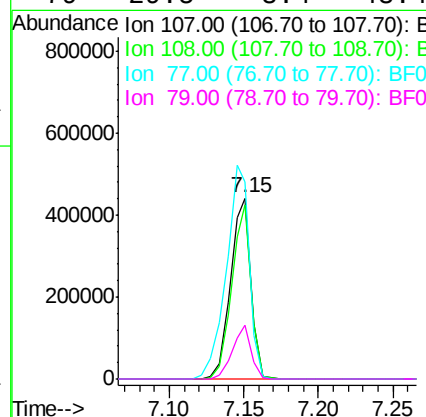
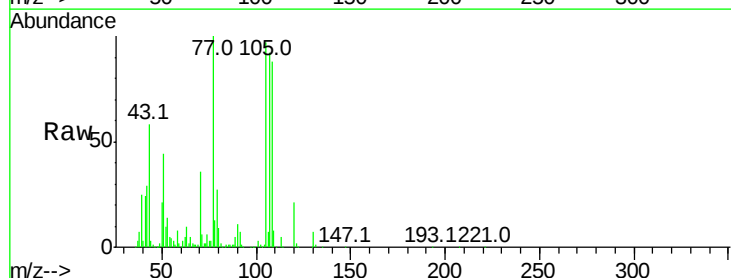
Instrument :
BNA_F
ClientSampleId :

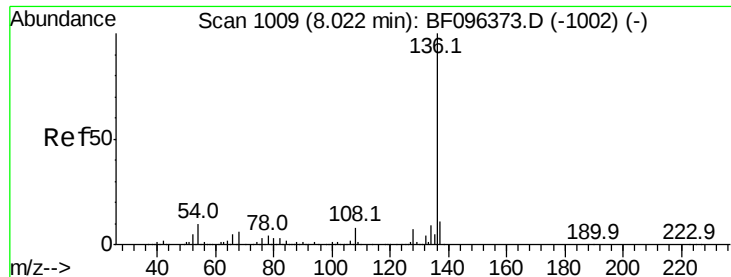
Tot Ion: 70 Resp: 326904
Ion Ratio Lower Upper
70 100
42 74.9 47.2 70.8#
101 9.0 7.2 10.8
130 18.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.59 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:107 Resp: 427806
Ion Ratio Lower Upper
107 100
108 95.9 71.0 111.0
77 109.2 90.5 130.5
79 29.5 8.4 48.4

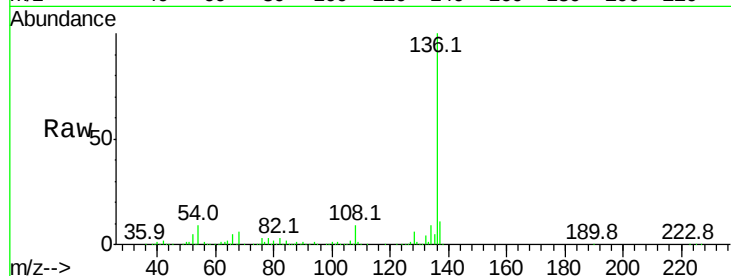




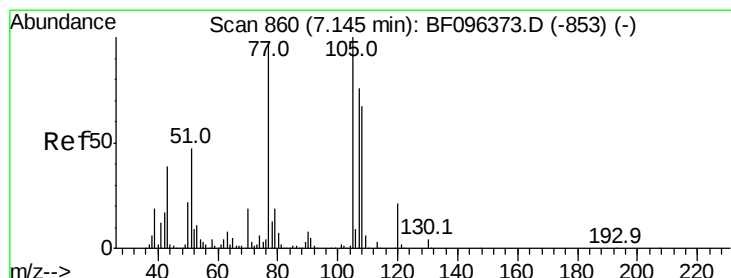
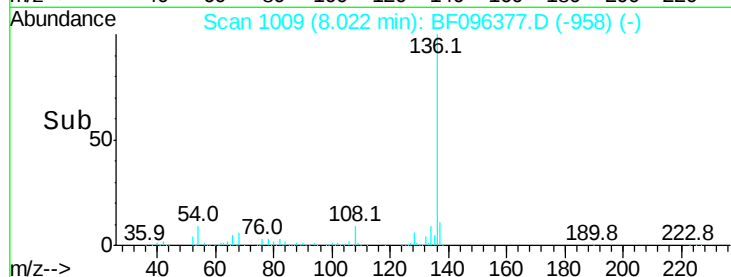
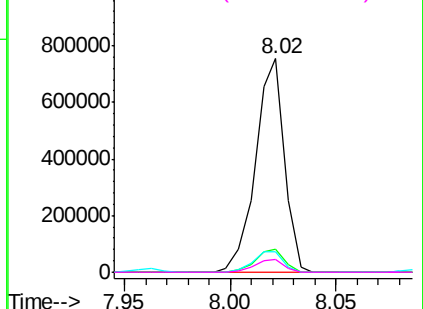
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	716826
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.5	4.9	7.3#
68	5.9	4.1	6.1

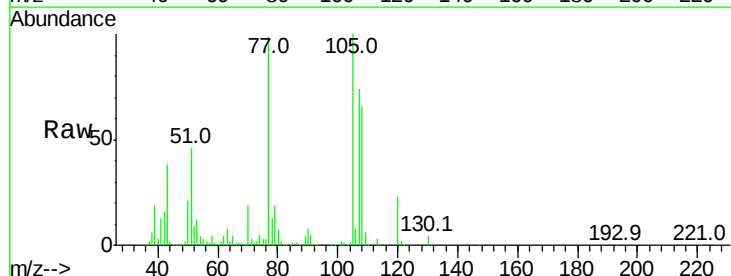


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

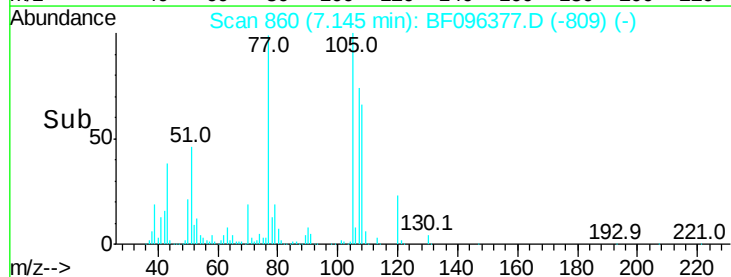
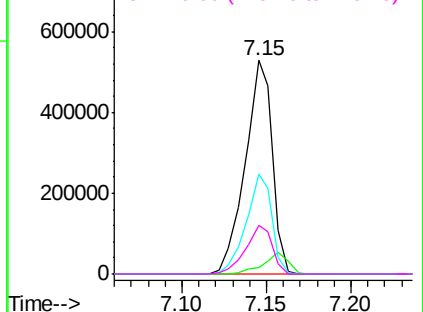


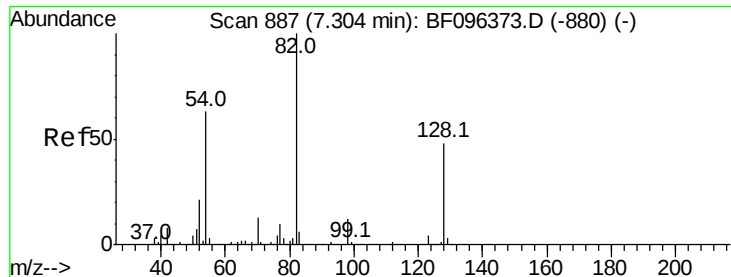
#22
Acetophenone
Concen: 37.93 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:	105	Resp:	594111
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.8	4.2
51	46.5	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

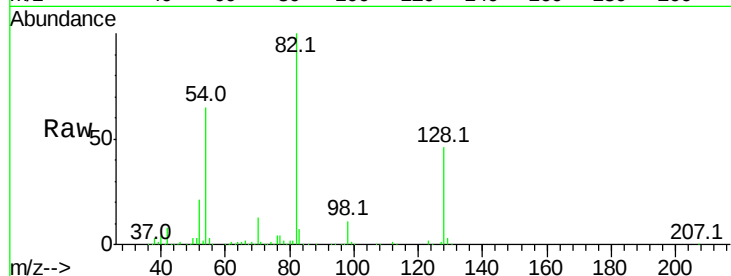




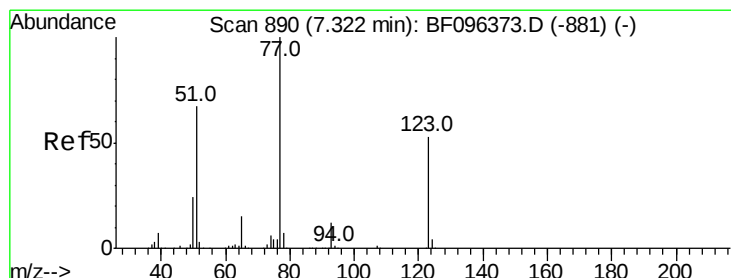
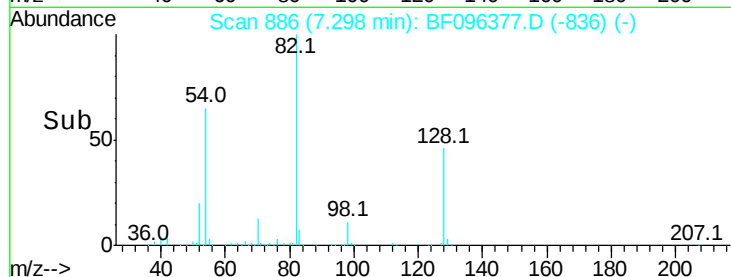
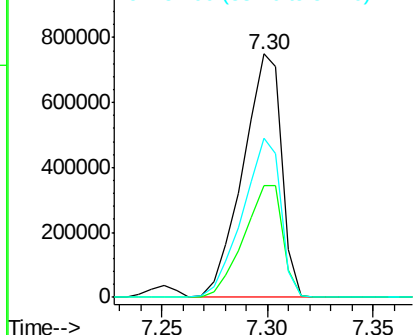
#23
 Nitrobenzene-d5
 Concen: 79.79 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 951819
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 65.3 42.2 63.2#

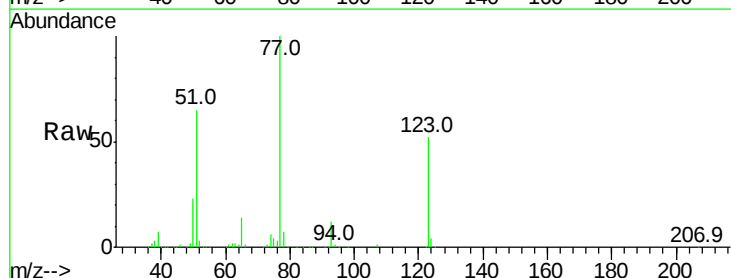


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

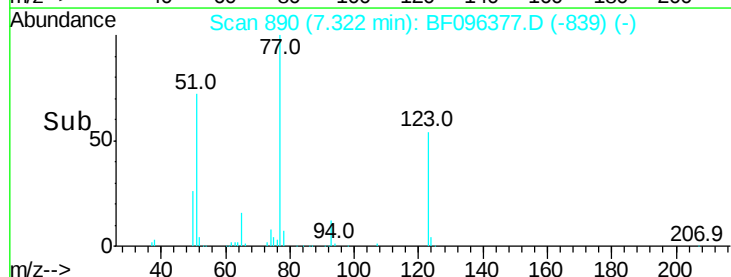
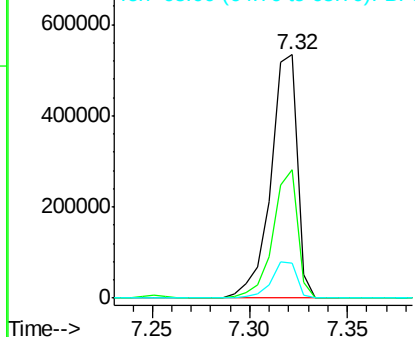


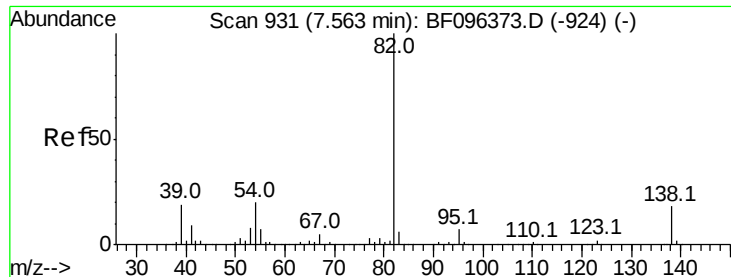
#24
 Nitrobenzene
 Concen: 40.22 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion: 77 Resp: 503266
 Ion Ratio Lower Upper
 77 100
 123 52.5 35.8 53.8
 65 14.2 10.6 15.8



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





#25

Isophorone

Concen: 39.67 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :
BNA_F
ClientSampled :

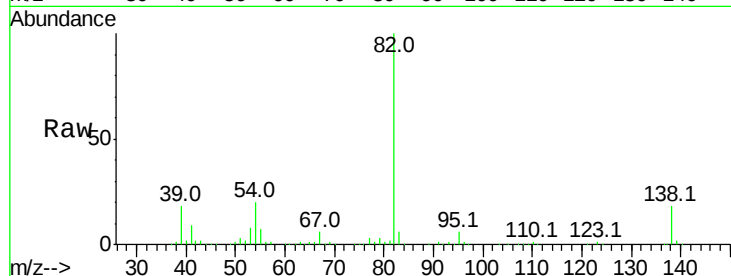
Tot Ion: 82 Resp: 917436

Ion Ratio Lower Upper

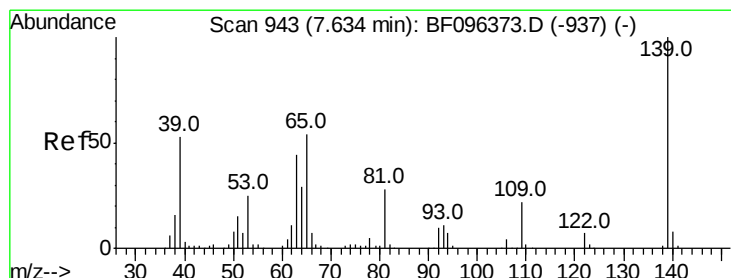
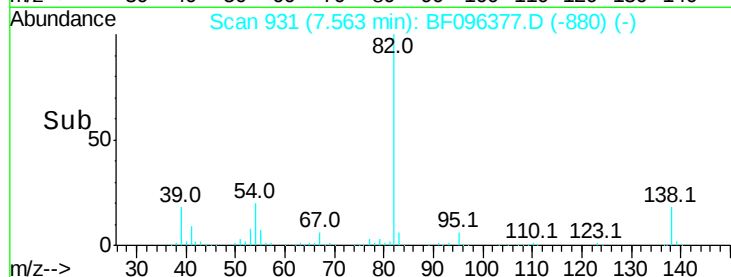
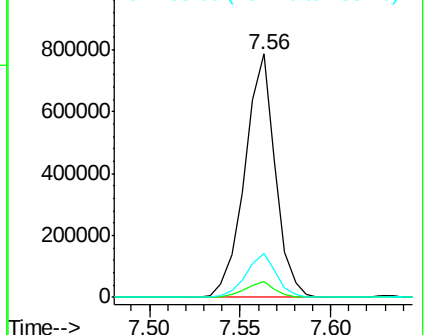
82 100

95 6.2 5.3 7.9

138 18.1 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.87 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

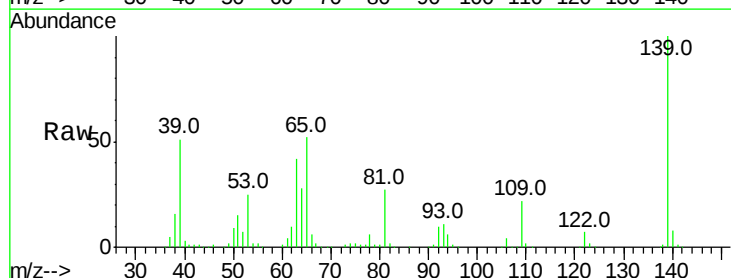
Tgt Ion: 139 Resp: 270723

Ion Ratio Lower Upper

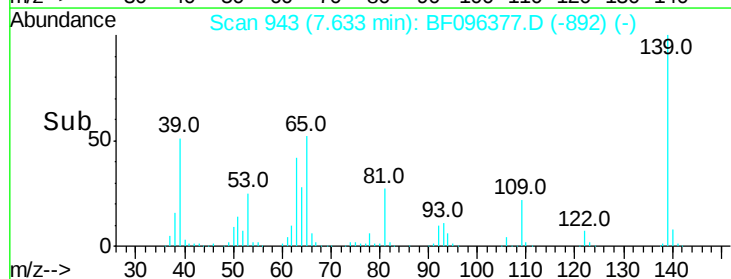
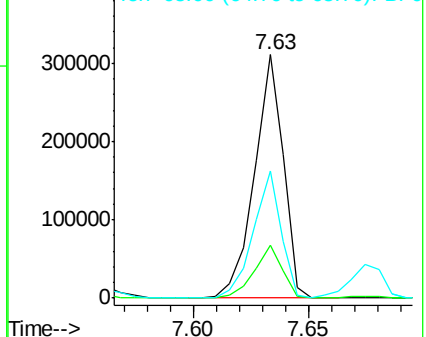
139 100

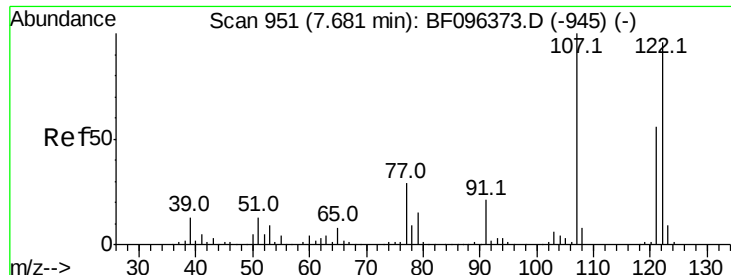
109 22.0 21.0 31.6

65 52.3 33.0 49.6#



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

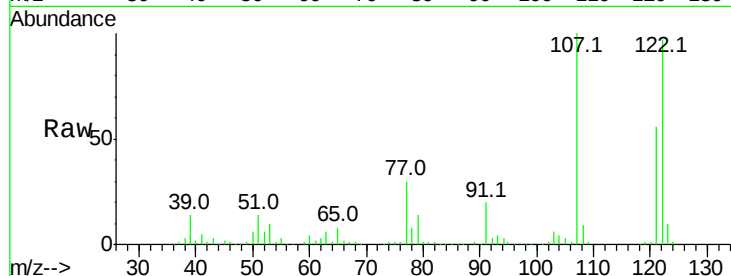




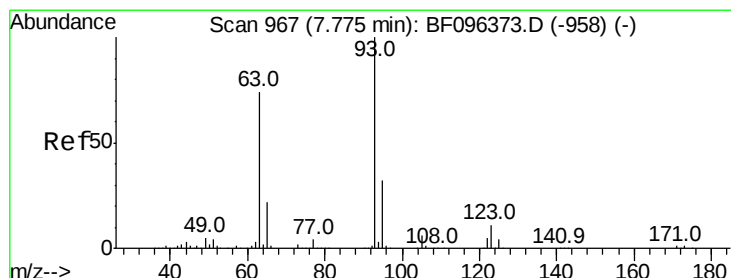
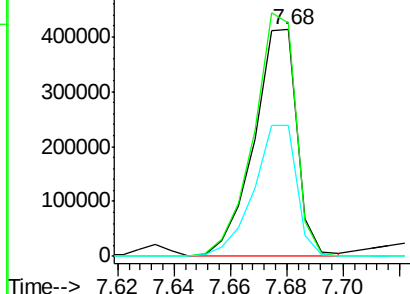
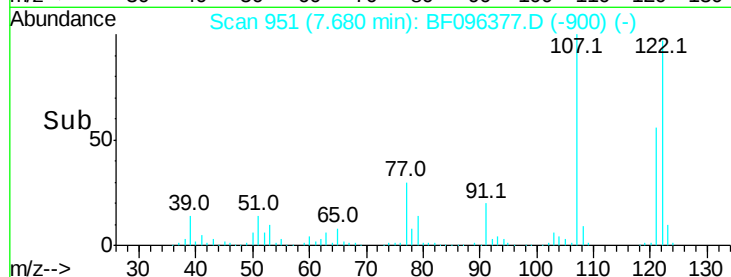
#27
 2,4-Dimethylphenol
 Concen: 38.57 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:122 Resp: 434984
 Ion Ratio Lower Upper
 122 100
 107 103.1 89.2 133.8
 121 57.8 45.2 67.8

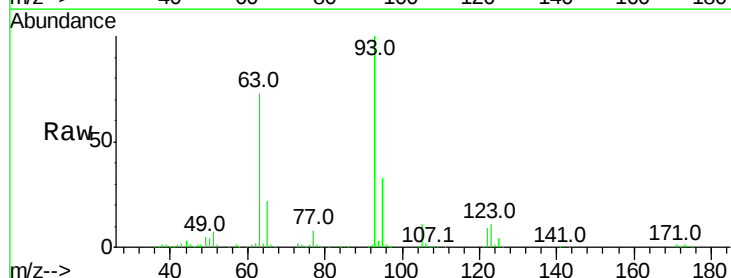


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

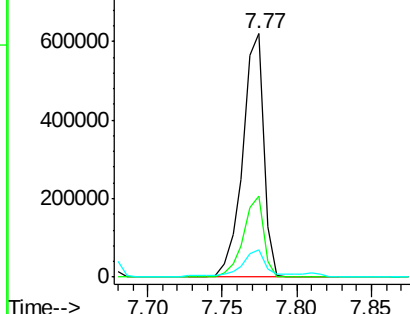
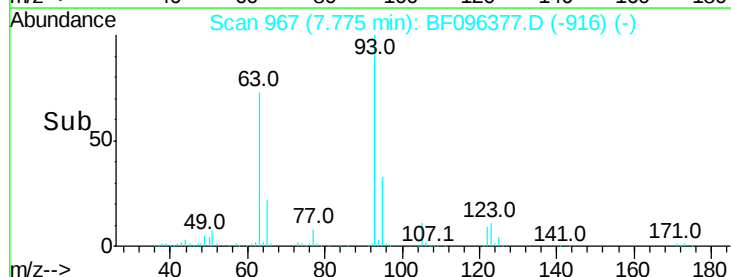


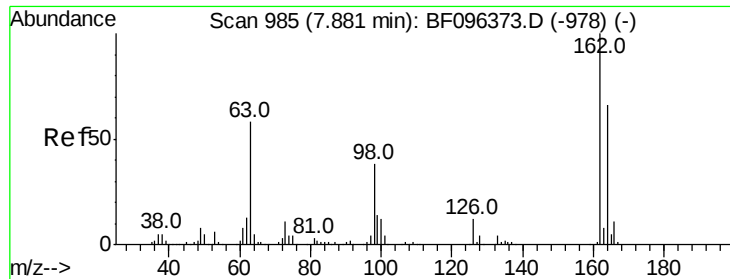
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.70 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion: 93 Resp: 606097
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 11.3 9.0 13.4



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

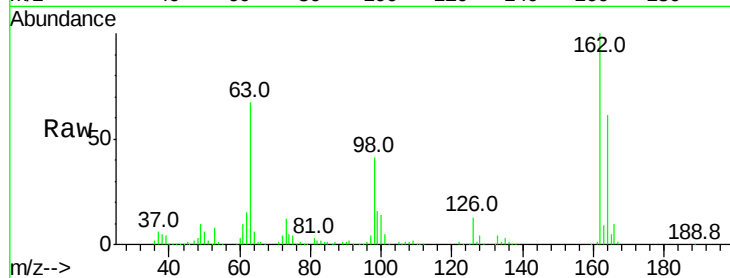




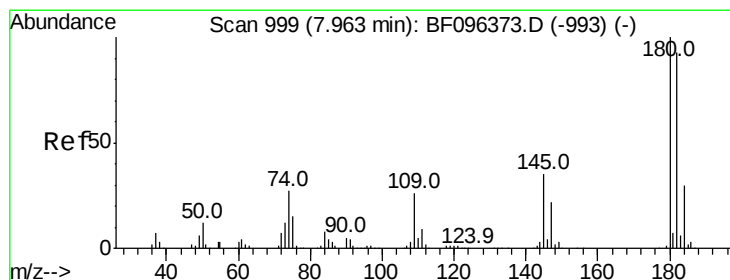
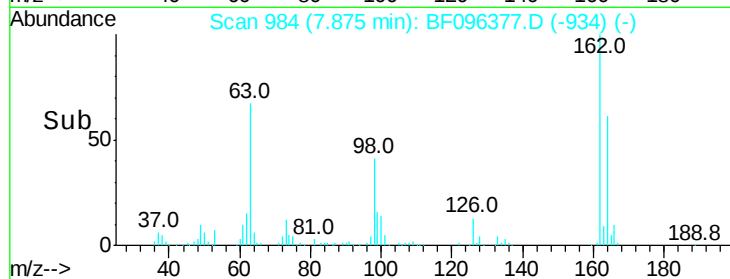
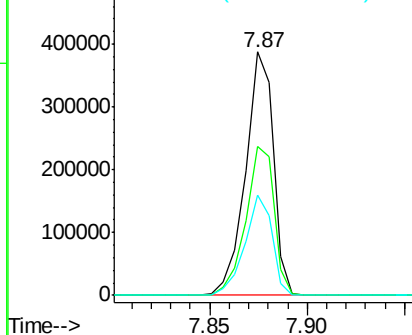
#29
 2,4-Dichlorophenol
 Concen: 39.42 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 383543
 Ion Ratio Lower Upper
 162 100
 164 61.3 44.6 84.6
 98 41.2 14.8 54.8

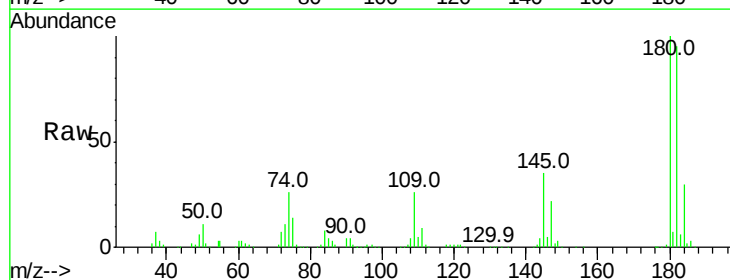


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

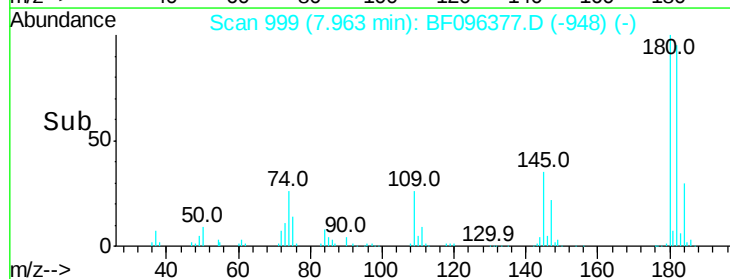
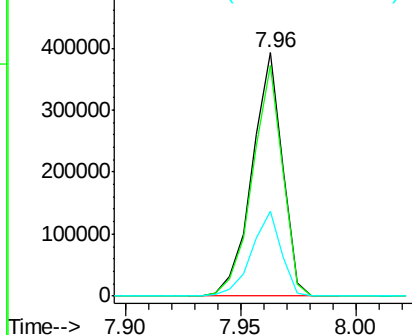


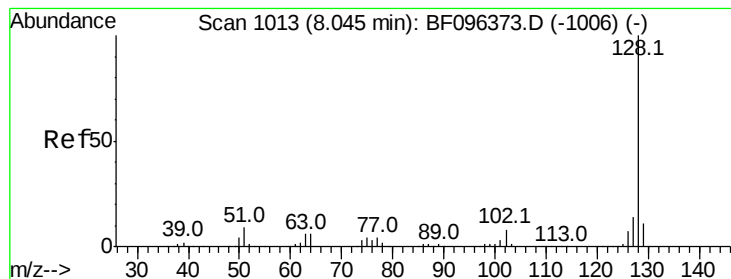
#30
 1,2,4-Trichlorobenzene
 Concen: 39.06 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion:180 Resp: 358526
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.8 113.6
 145 34.6 25.3 37.9



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





#31

Naphthalene

Concen: 38.71 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :

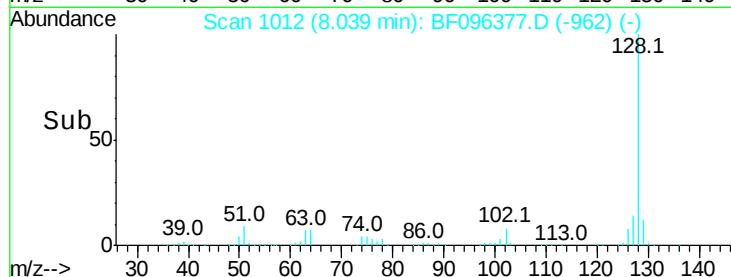
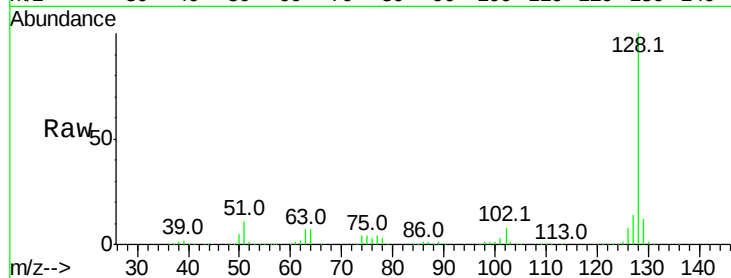
Tot Ion:128 Resp: 1309973

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

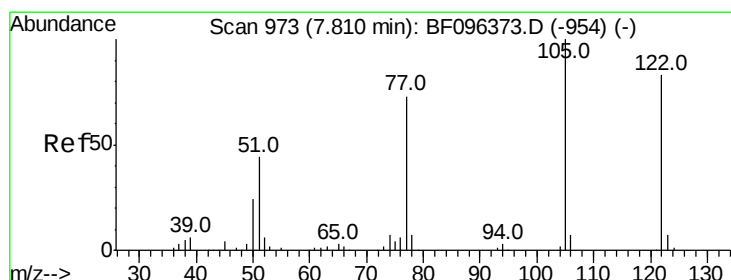
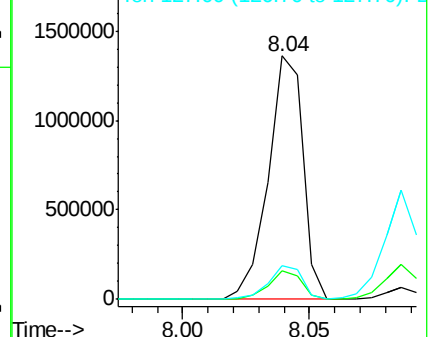
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.28 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

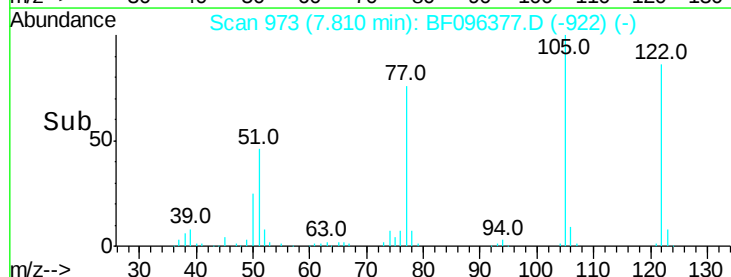
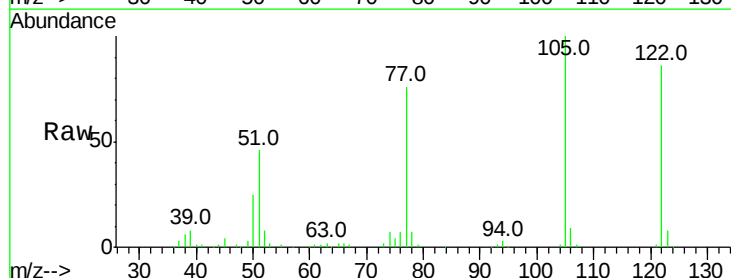
Tgt Ion:122 Resp: 343639

Ion Ratio Lower Upper

122 100

105 116.6 103.3 143.3

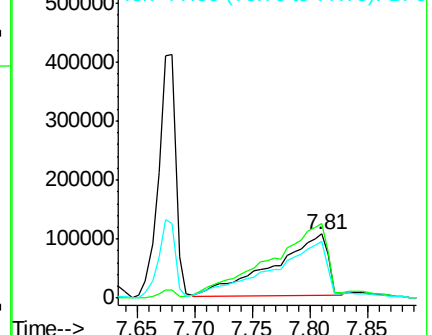
77 89.1 73.7 113.7

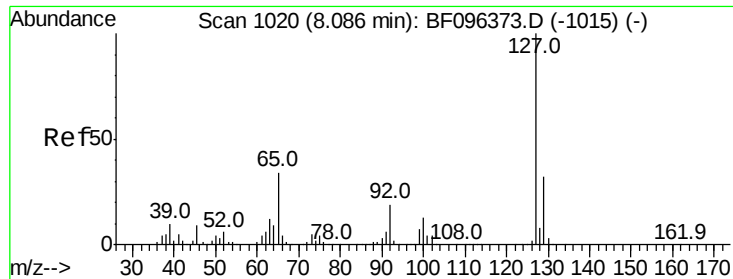


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

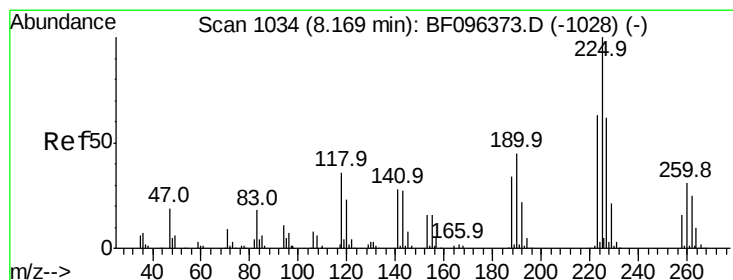
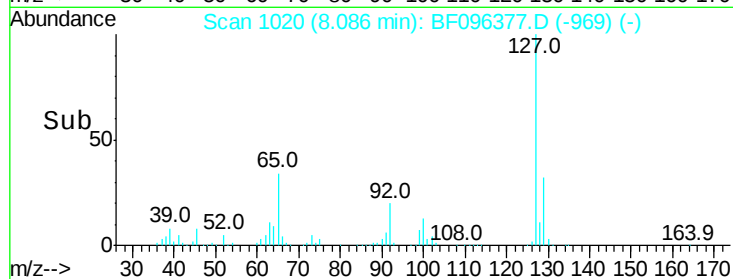
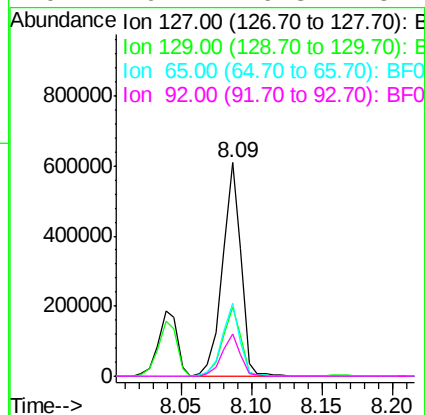
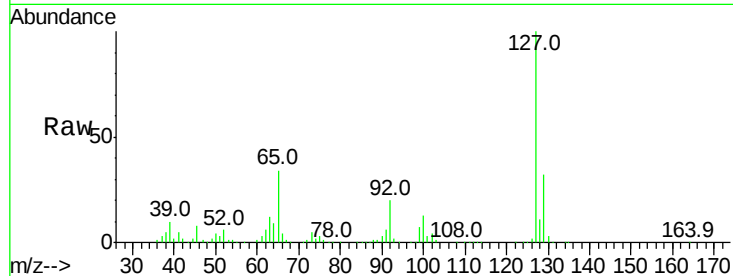




#33
4-Chloroaniline
Concen: 39.14 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

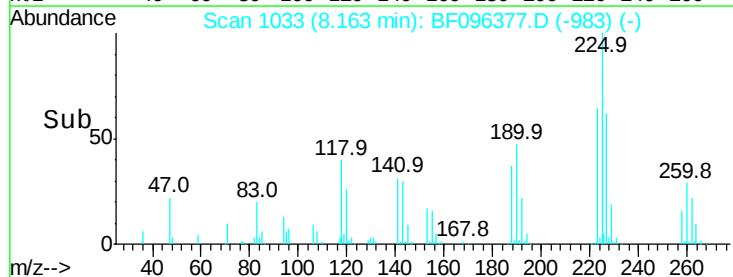
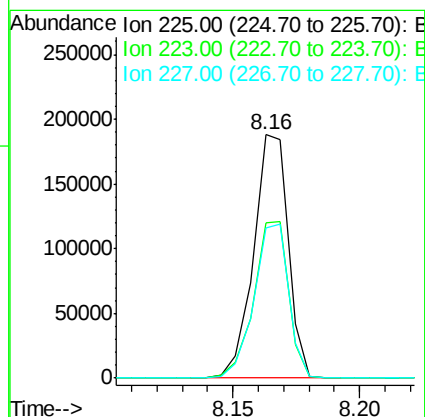
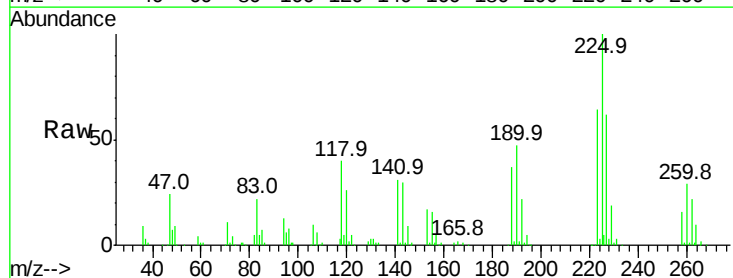
Instrument :
BNA_F
ClientSampleId :

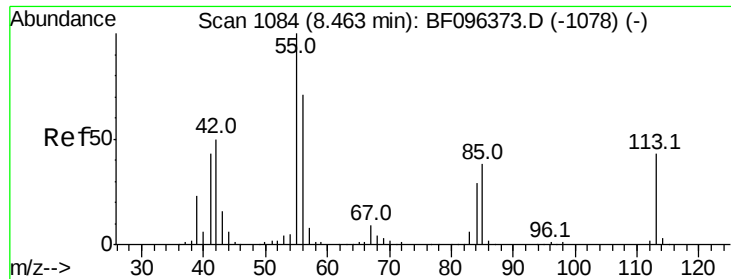
Tot Ion:	127	Resp:	550147
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	34.1	27.8	41.8
92	20.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.12 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:	225	Resp:	179463
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	61.7	51.1	76.7

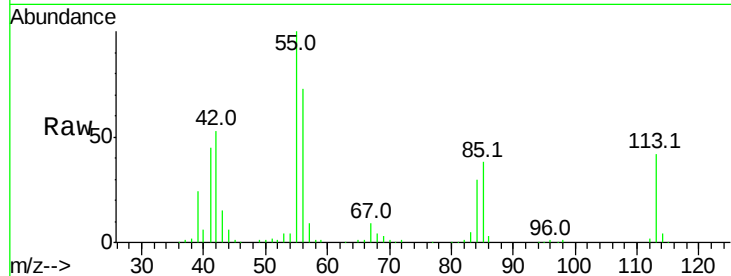




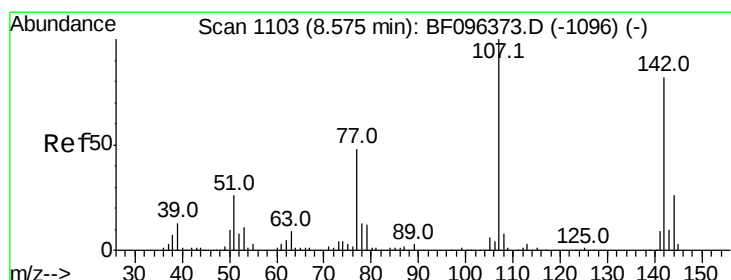
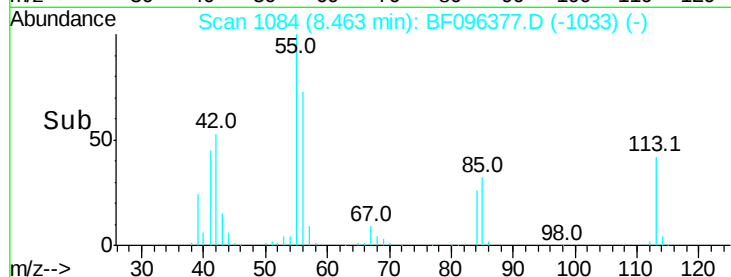
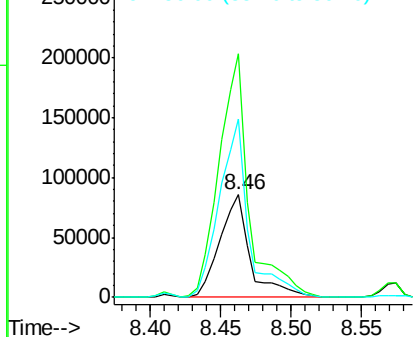
#35
 Caprolactam
 Concen: 38.42 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 128905
 Ion Ratio Lower Upper
 113 100
 55 237.3 150.2 190.2#
 56 173.7 107.8 147.8#

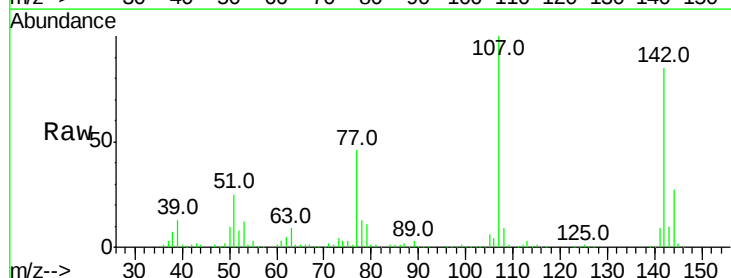


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

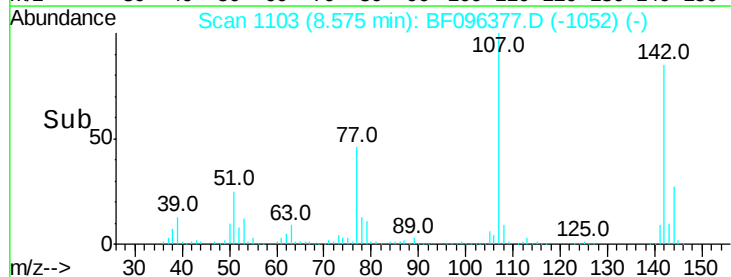
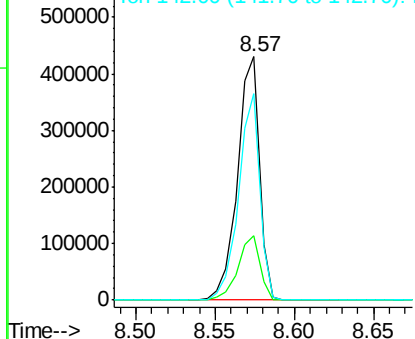


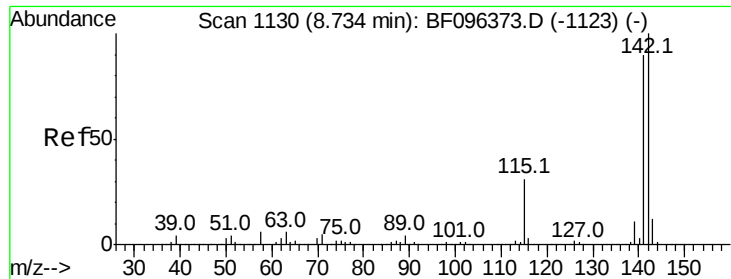
#36
 4-Chloro-3-methylphenol
 Concen: 38.52 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion:107 Resp: 414745
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 84.8 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

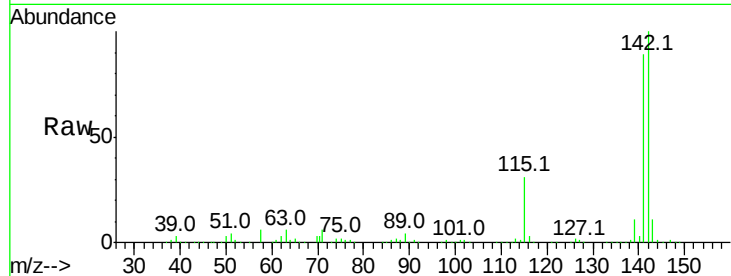




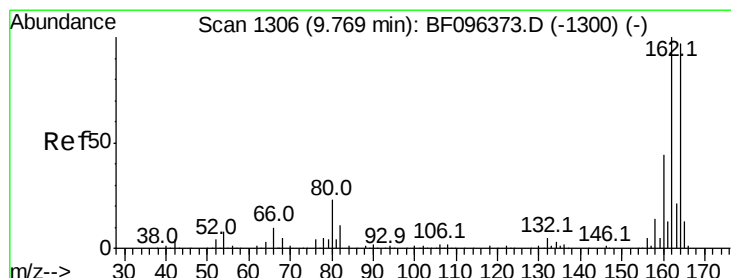
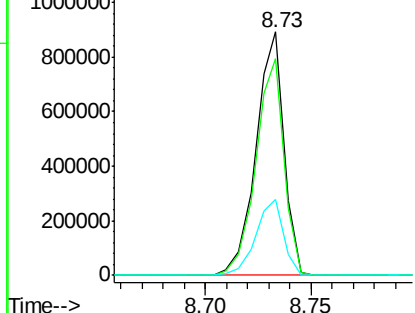
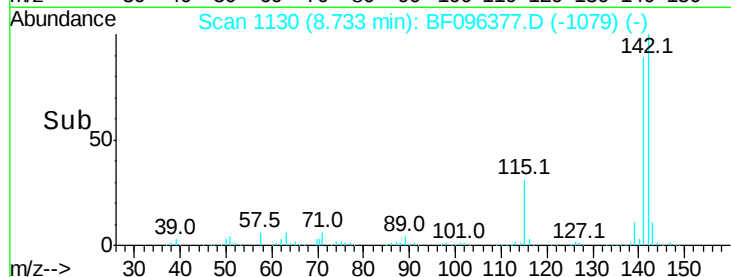
#37
 2-Methylnaphthalene
 Concen: 38.04 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	31.0	27.1	40.7

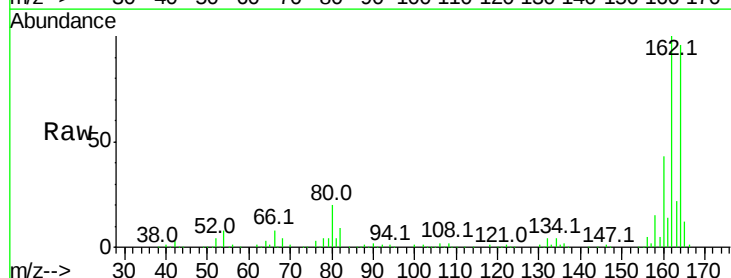


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

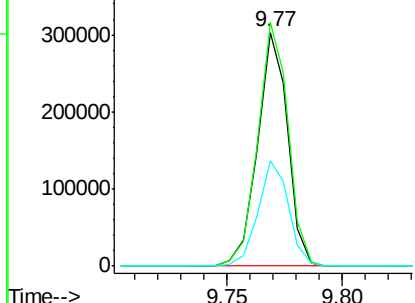
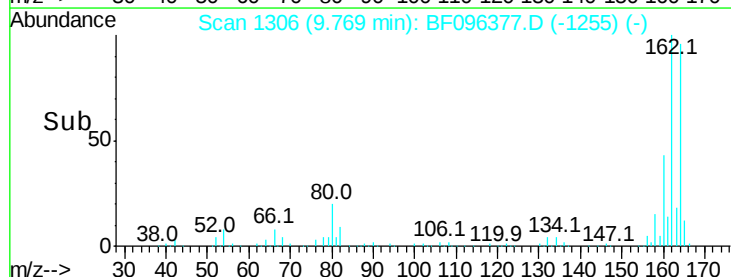


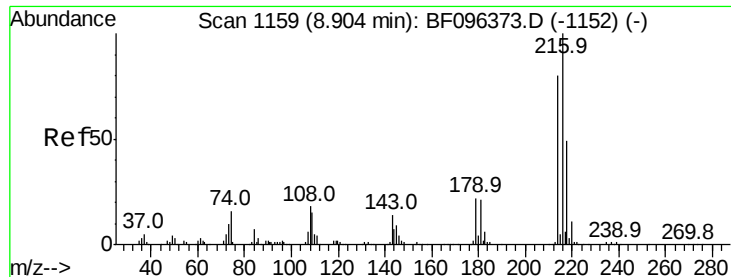
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	45.1	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

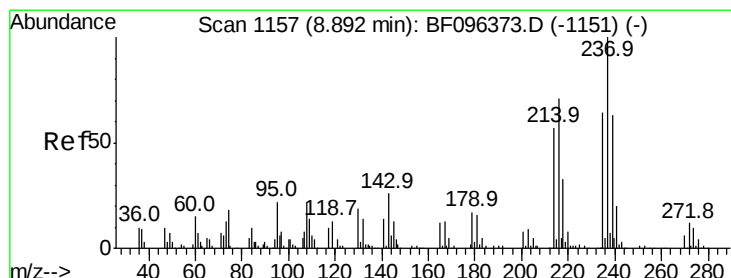
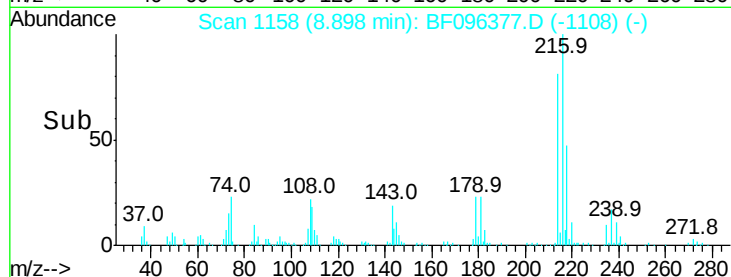
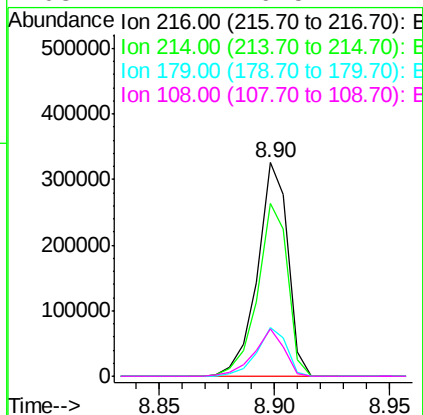
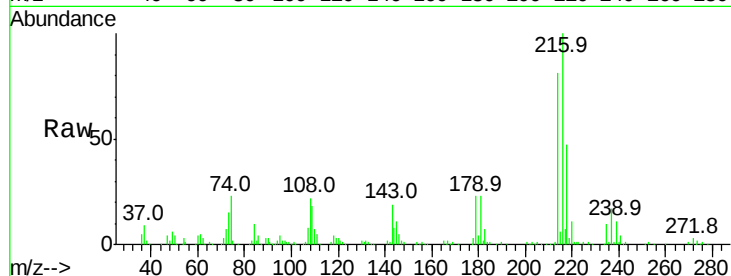




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.97 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

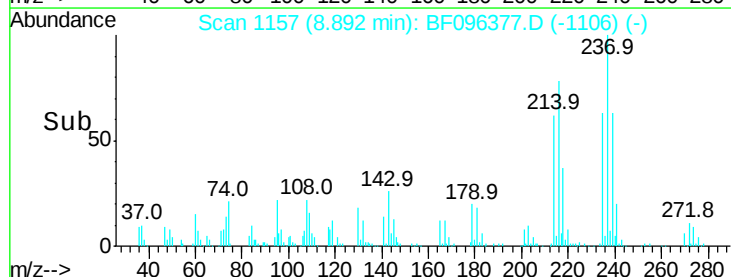
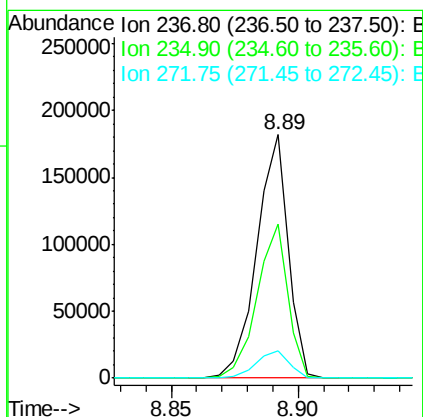
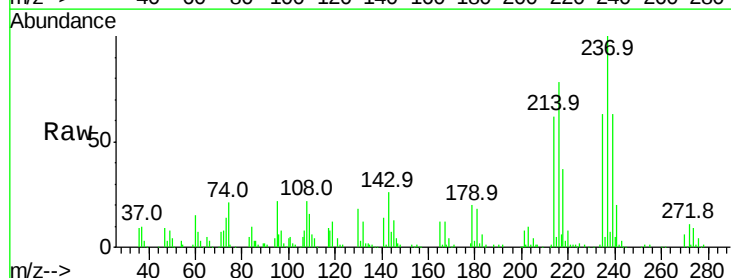
Instrument :
 BNA_F
 ClientSampled :

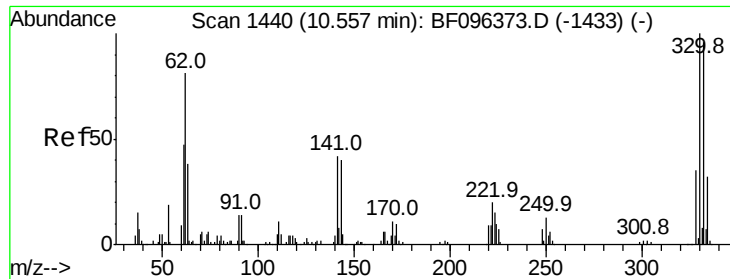
Tot Ion:	216	Resp:	299050
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.2
179	22.3	17.9	26.9
108	21.7	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 45.38 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion:	237	Resp:	157210
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.6	82.6
272	11.3	0.0	31.9

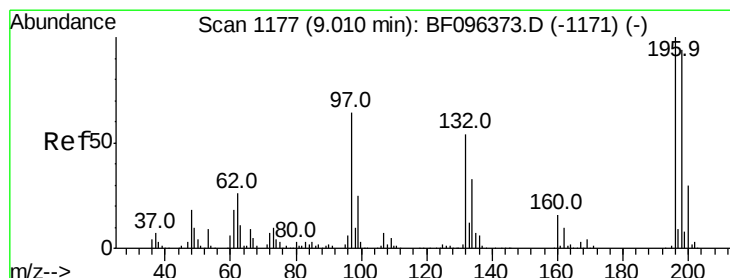
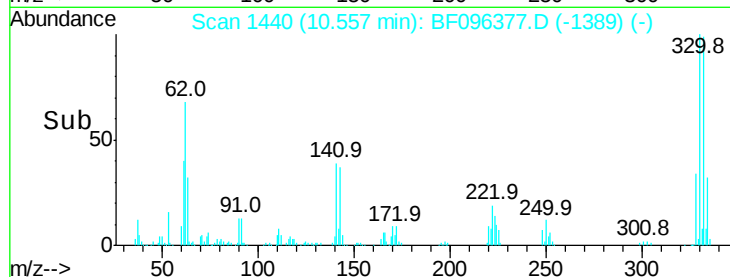
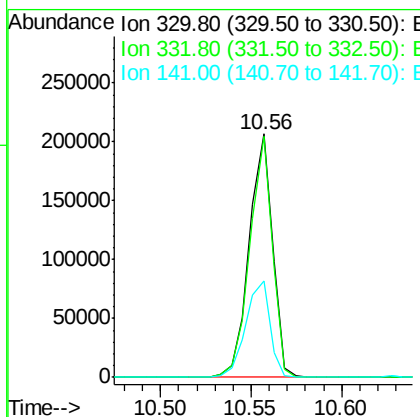
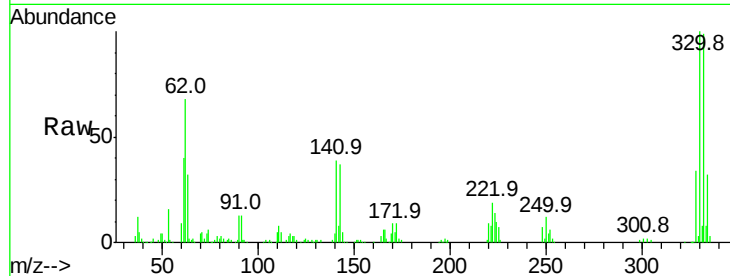




#41
 2,4,6-Tribromophenol
 Concen: 86.55 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

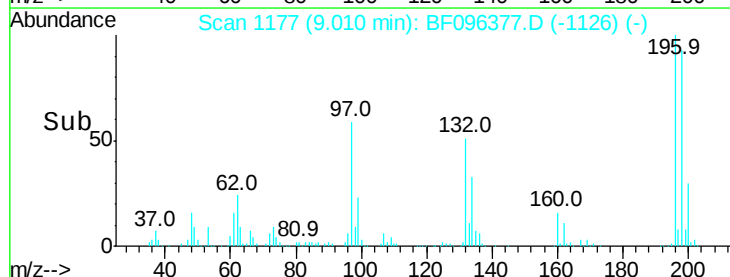
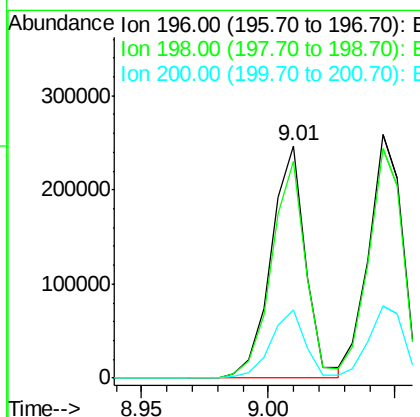
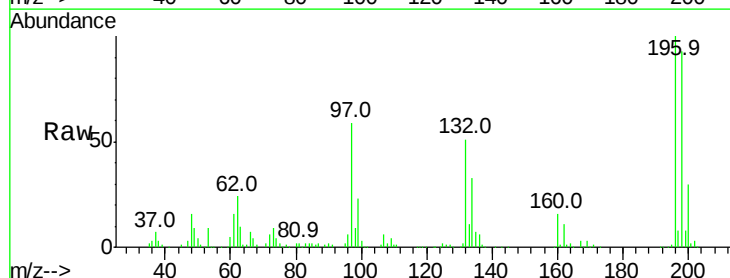
Instrument :
 BNA_F
 ClientSampleId :

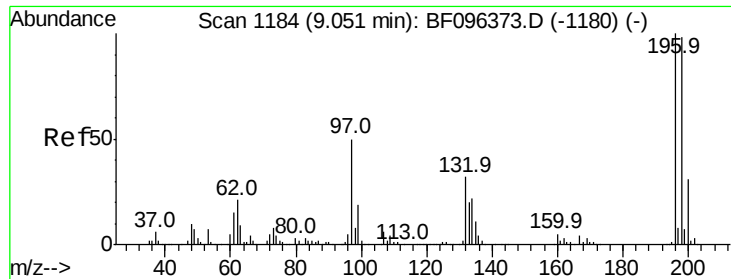
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	41.5	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.73 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.2	111.4
200	29.6	24.0	36.0

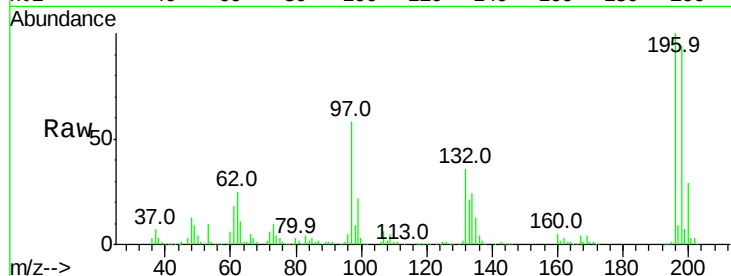




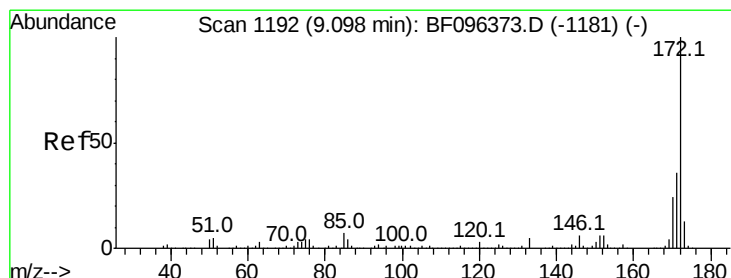
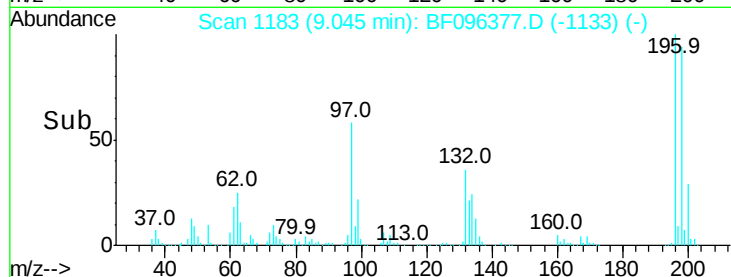
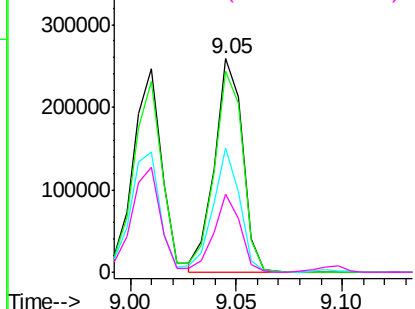
#43
 2,4,5-Trichlorophenol
 Concen: 42.92 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 239234
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 97 58.2 47.7 71.5
 132 36.5 28.0 42.0

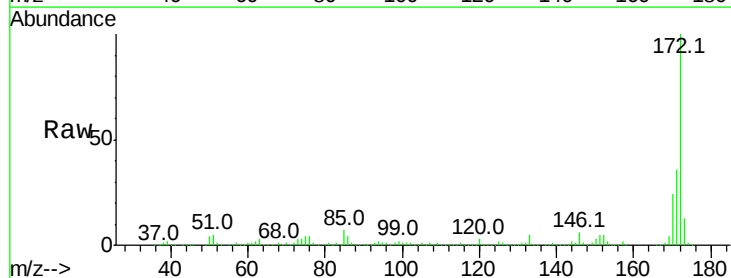


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

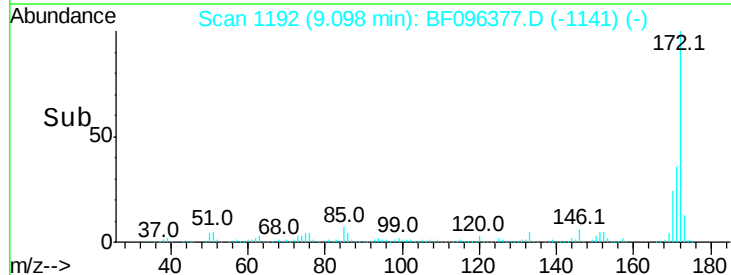
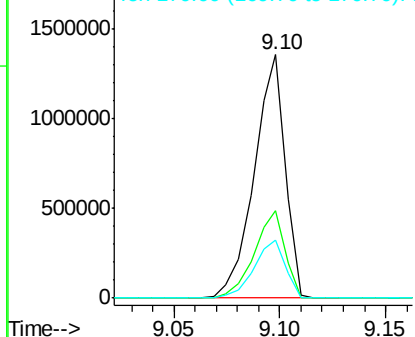


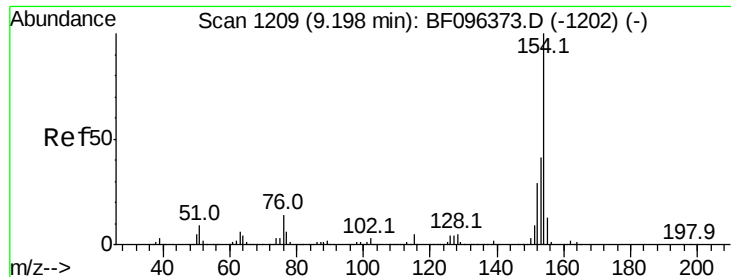
#44
 2-Fluorobiphenyl
 Concen: 85.49 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion:172 Resp: 1372094
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.9 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.69 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampled :

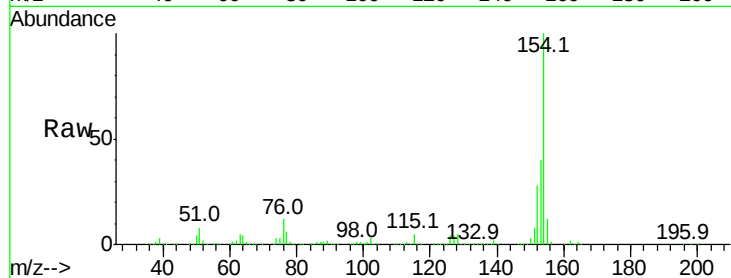
Tot Ion:154 Resp: 980190

Ion Ratio Lower Upper

154 100

153 39.6 21.2 61.2

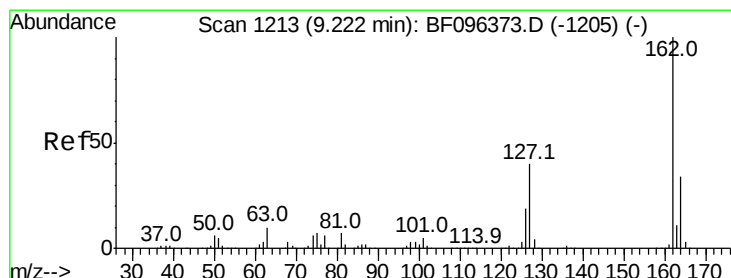
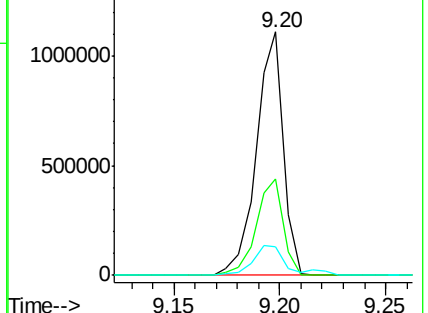
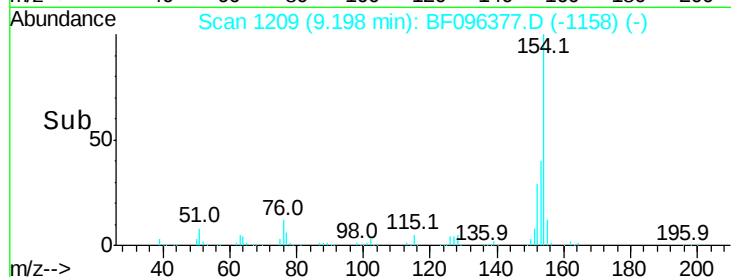
76 11.9 0.0 29.9



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: 42.17 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

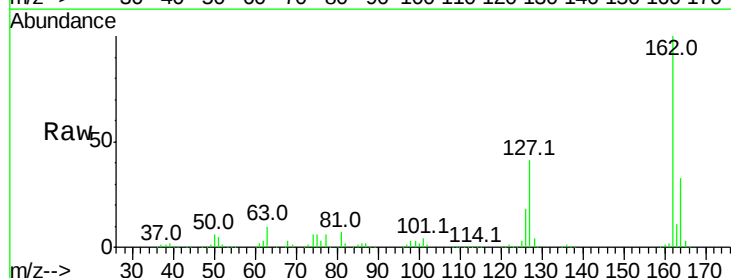
Tgt Ion:162 Resp: 738957

Ion Ratio Lower Upper

162 100

127 40.6 28.3 42.5

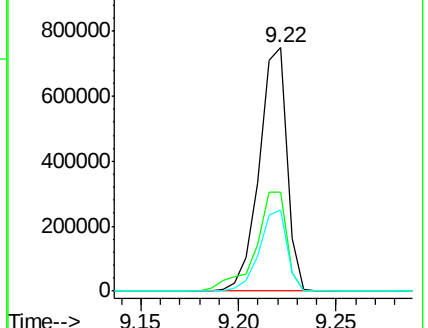
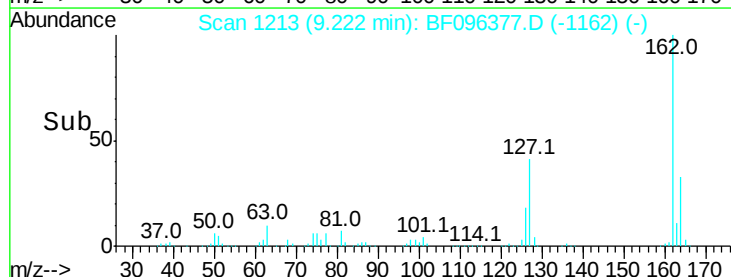
164 33.1 27.0 40.4

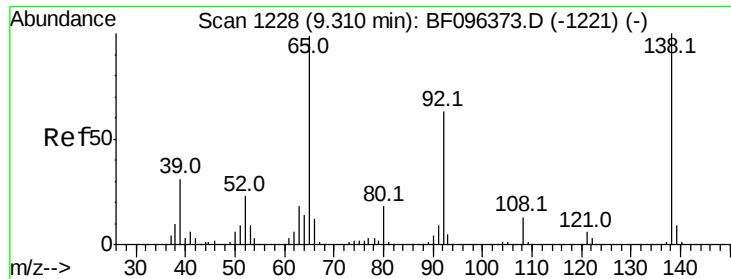


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

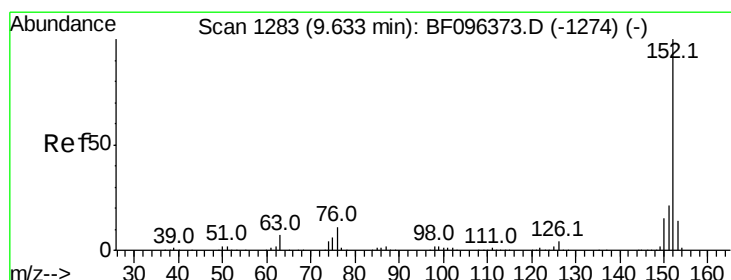
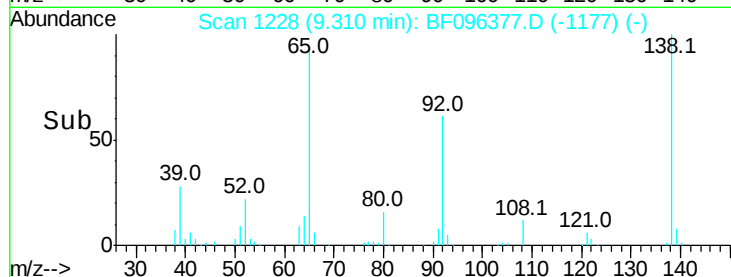
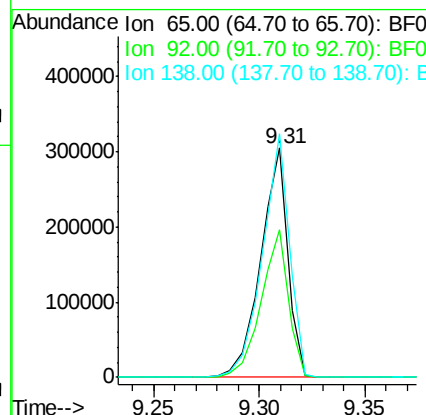
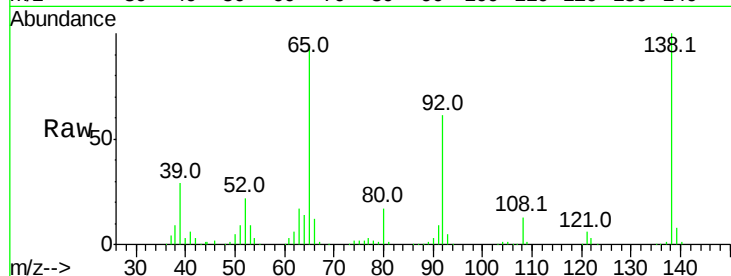




#47
 2-Nitroaniline
 Concen: 42.80 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

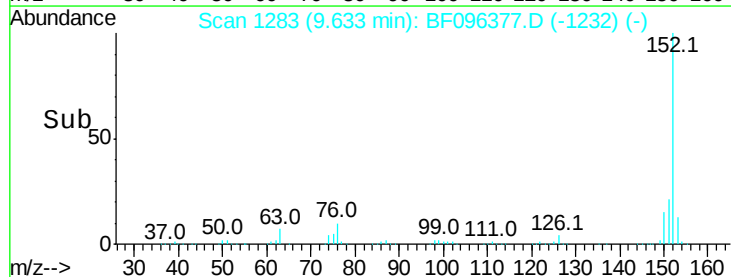
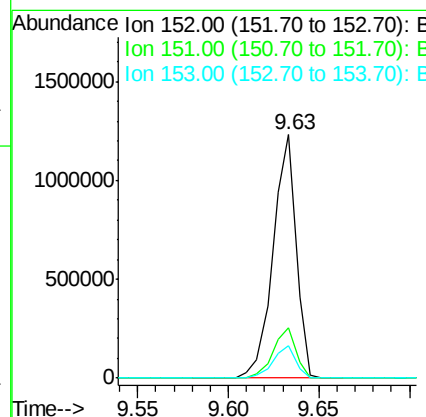
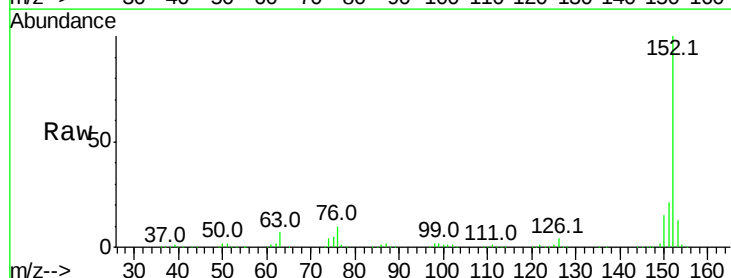
Instrument :
 BNA_F
 ClientSampleId :

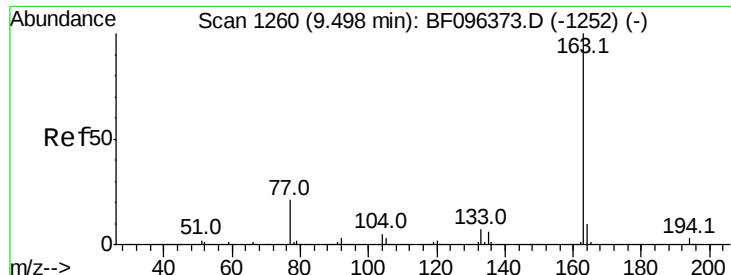
Tot Ion: 65 Resp: 272866
 Ion Ratio Lower Upper
 65 100
 92 64.7 53.9 80.9
 138 106.2 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.22 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion:152 Resp: 1088978
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.1 10.8 16.2

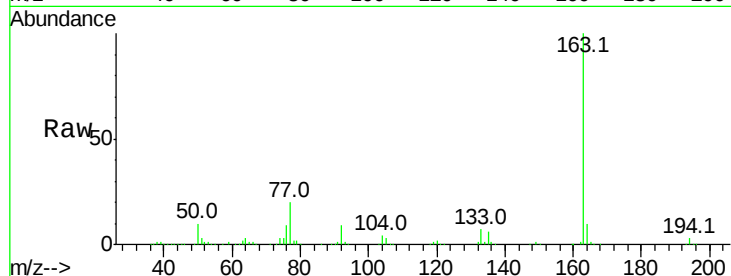




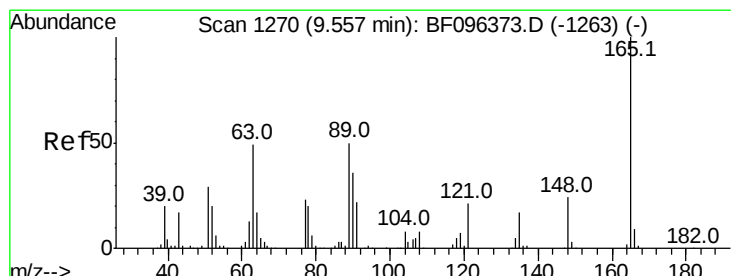
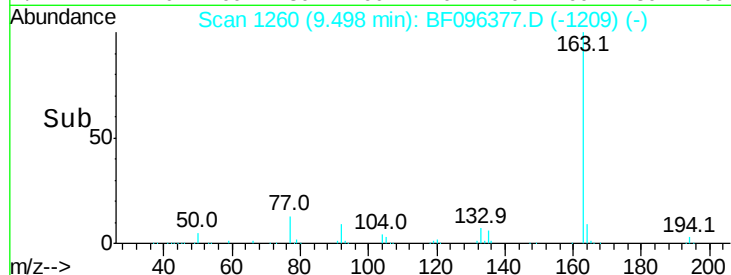
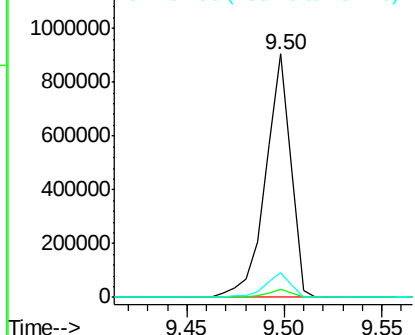
#49
Dimethylphthalate
Concen: 39.30 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 805026
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

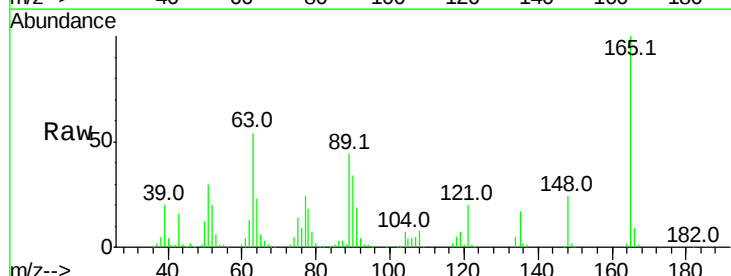


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

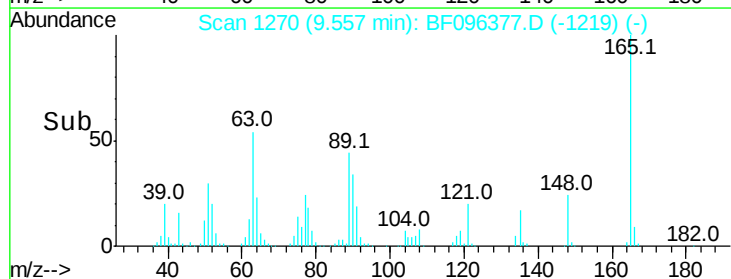
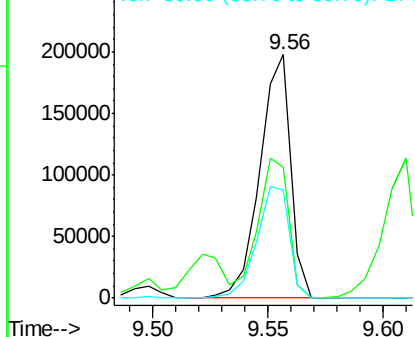


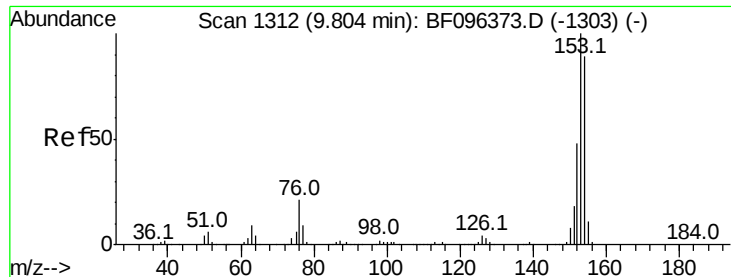
#50
2,6-Dinitrotoluene
Concen: 40.65 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:165 Resp: 184146
Ion Ratio Lower Upper
165 100
63 53.6 34.3 51.5#
89 44.2 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: 40.14 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :

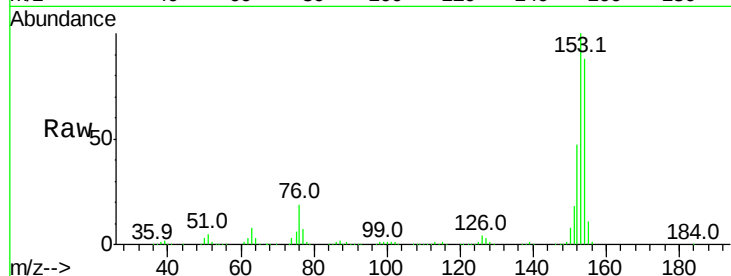
Tot Ion:154 Resp: 686916

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

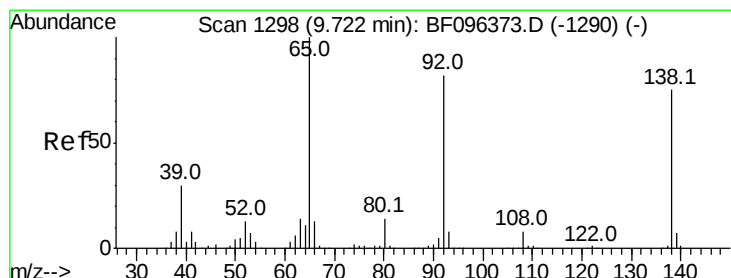
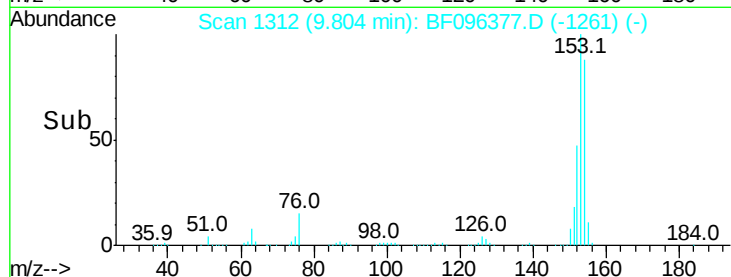
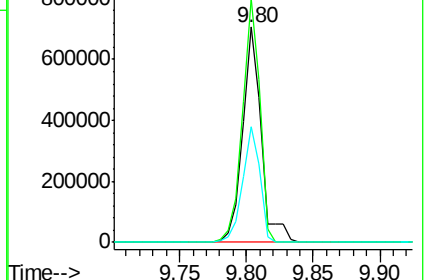
152 53.7 43.6 65.4



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: 39.02 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

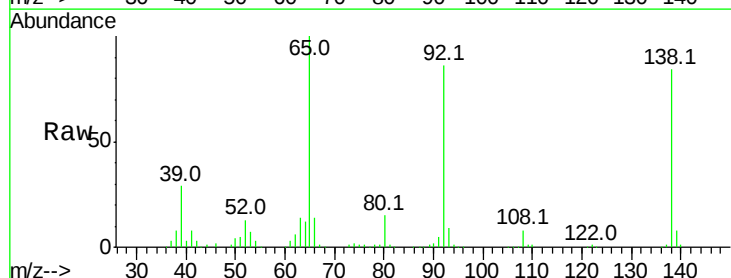
Tgt Ion:138 Resp: 220454

Ion Ratio Lower Upper

138 100

108 9.3 9.1 13.7

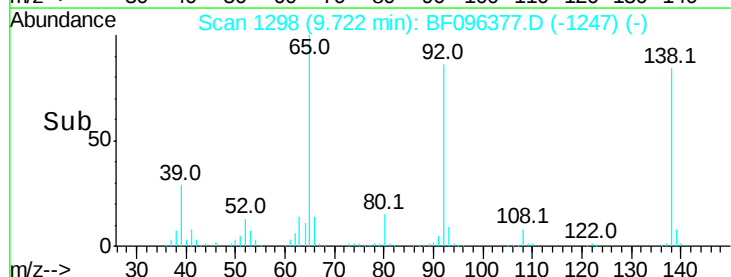
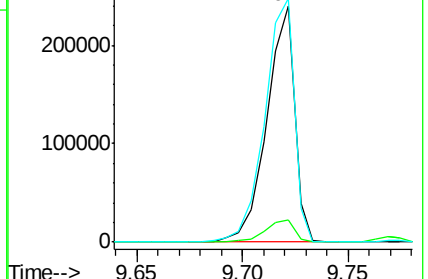
92 103.1 93.8 140.6

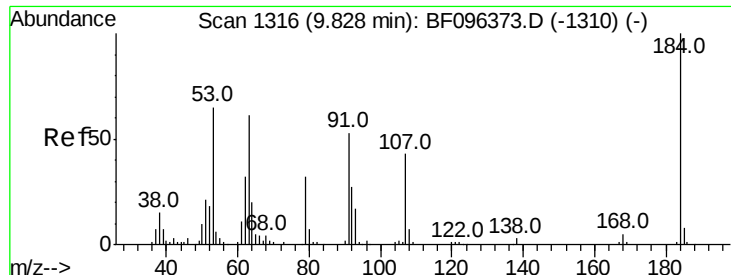


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

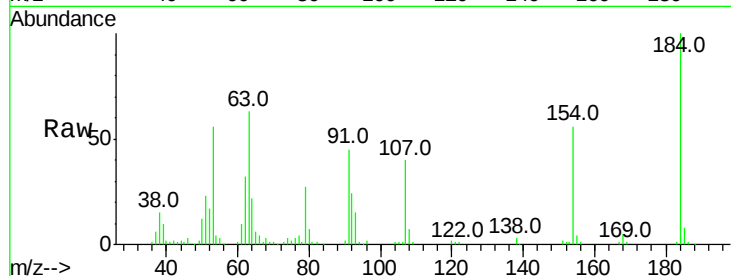




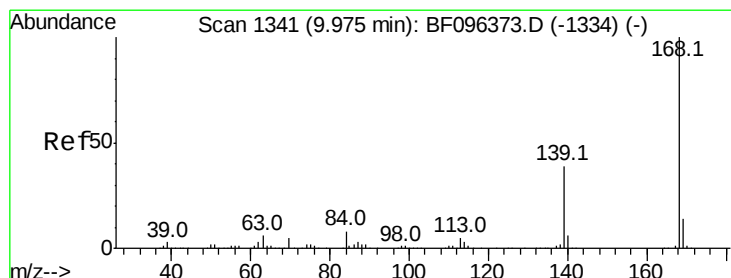
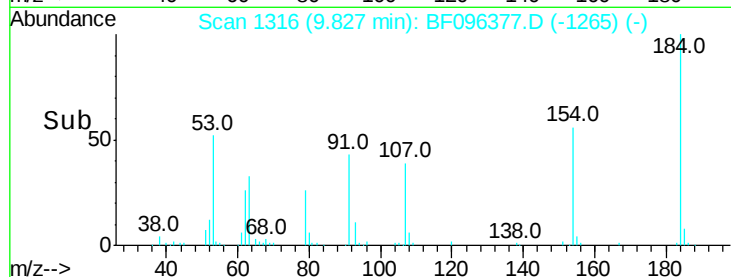
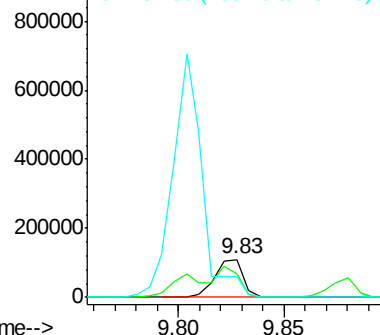
#53
2,4-Dinitrophenol
Concen: 42.17 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 101477
Ion Ratio Lower Upper
184 100
63 63.2 62.7 94.1
154 56.3 81.1 121.7#

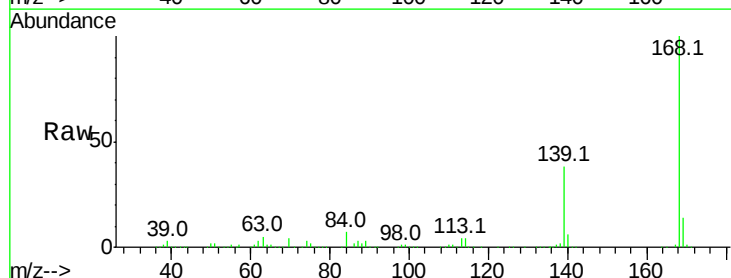


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

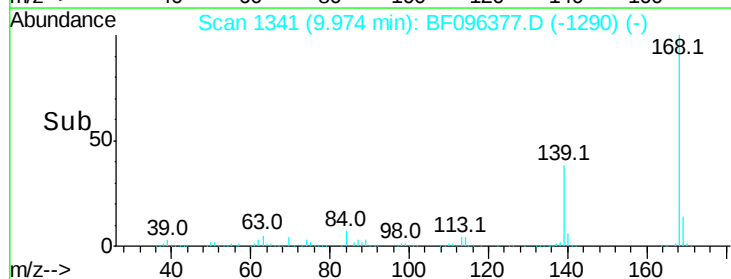
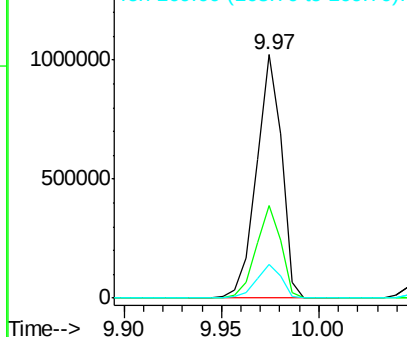


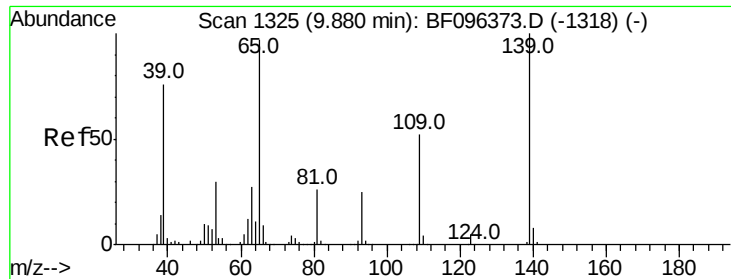
#54
Dibenzofuran
Concen: 40.25 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:168 Resp: 909486
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8
169 13.8 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

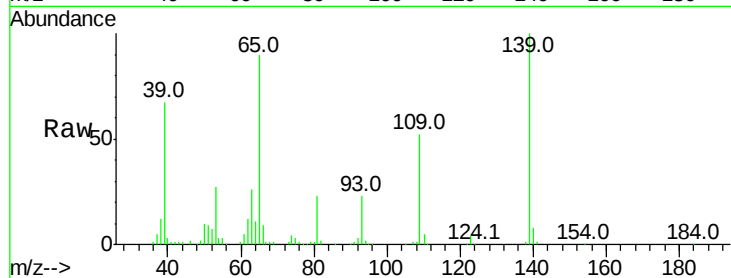




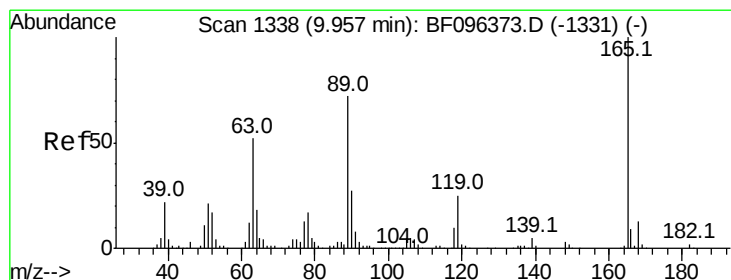
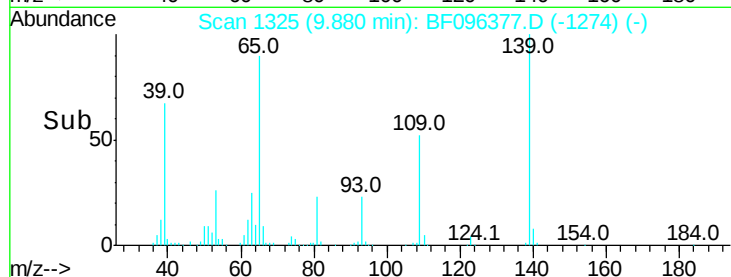
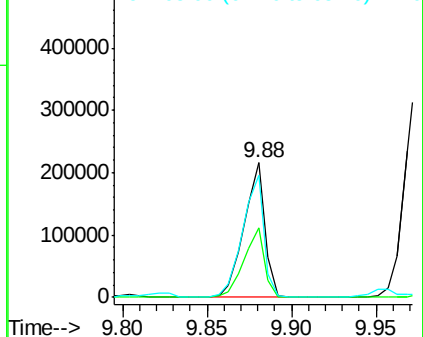
#55
4-Nitrophenol
Concen: 40.12 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 187910
Ion Ratio Lower Upper
139 100
109 51.5 34.1 74.1
65 90.5 31.4 71.4#

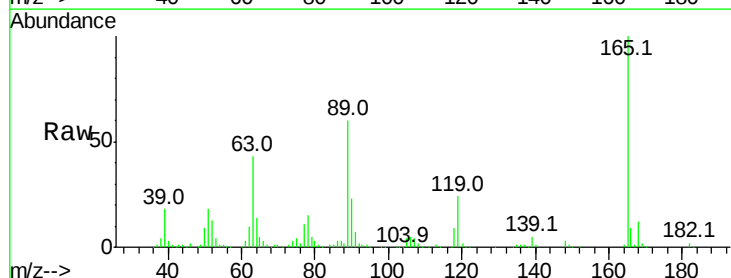


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

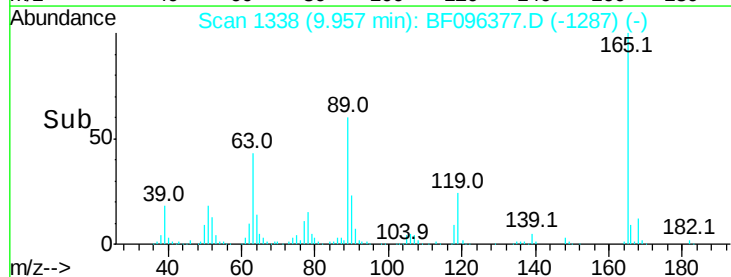
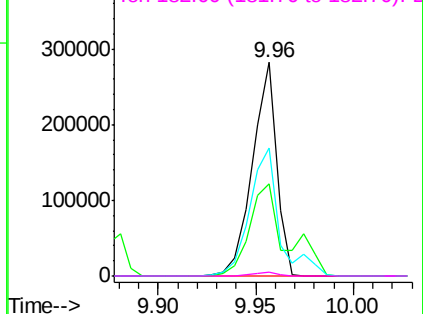


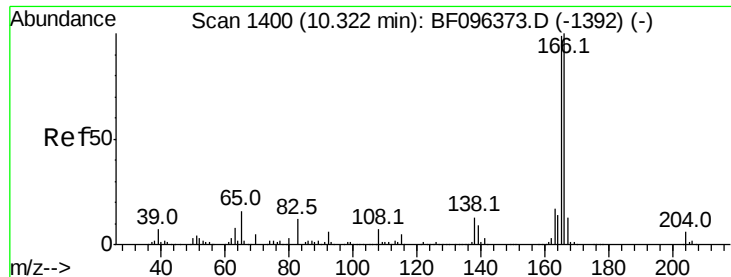
#56
2,4-Dinitrotoluene
Concen: 42.49 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:165 Resp: 243767
Ion Ratio Lower Upper
165 100
63 43.4 25.4 38.0#
89 60.0 46.4 69.6
182 2.0 1.8 2.6



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

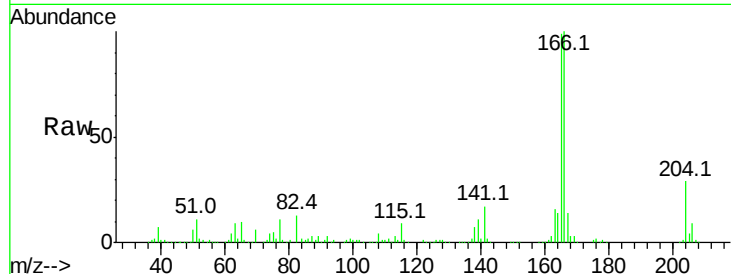




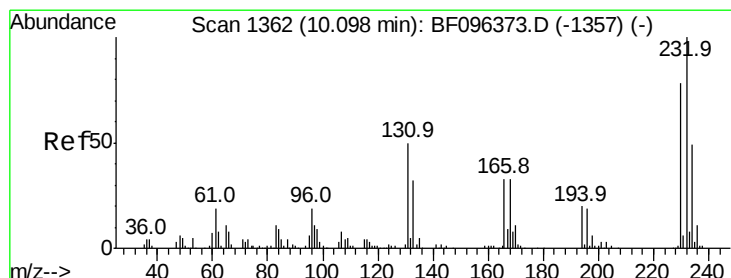
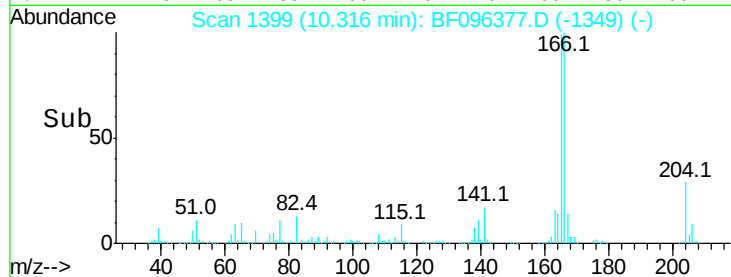
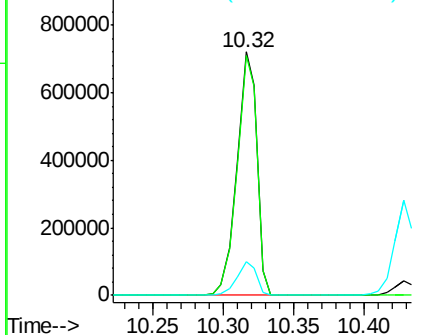
#57
 Fluorene
 Concen: 44.16 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:166 Resp: 704702
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.8 118.2
 167 13.8 10.6 16.0



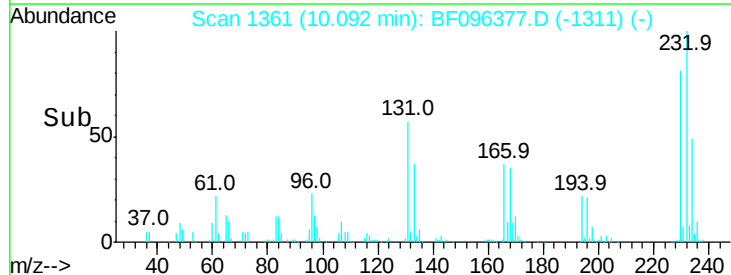
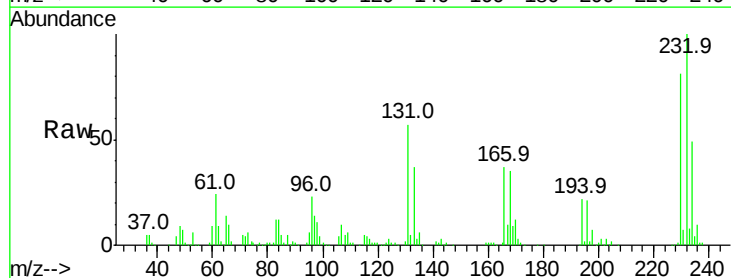
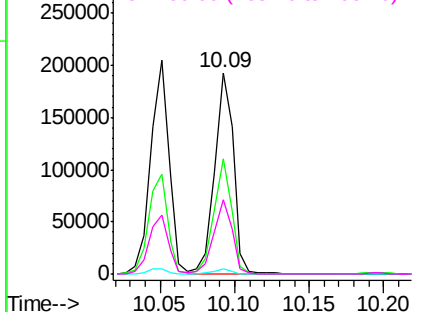
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

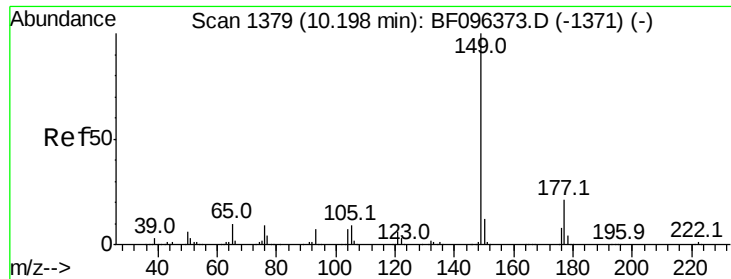


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.02 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion:232 Resp: 169751
 Ion Ratio Lower Upper
 232 100
 131 54.0 44.8 67.2
 130 2.3 2.3 3.5#
 166 35.8 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

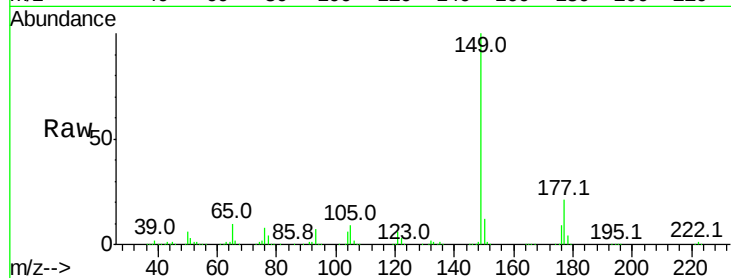




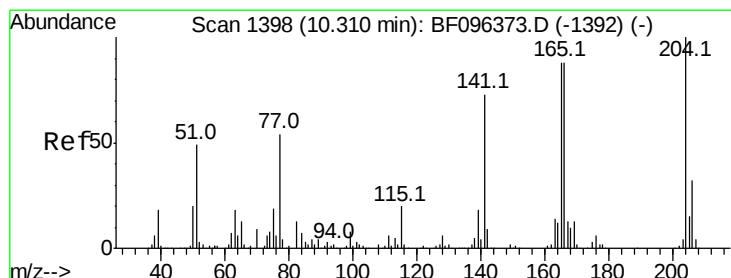
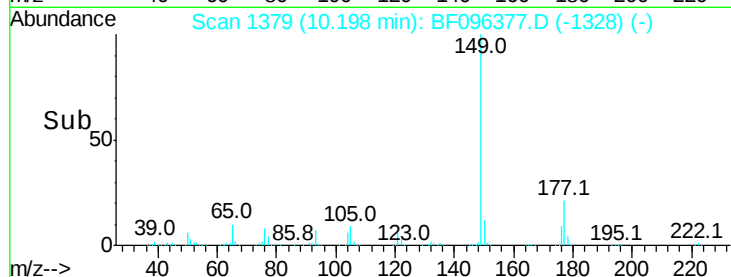
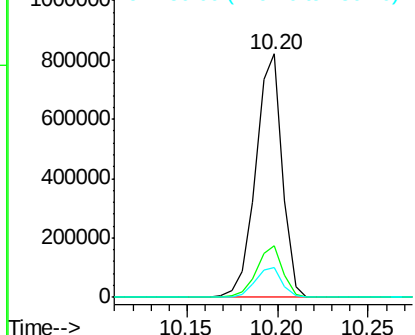
#59
Diethylphthalate
Concen: 42.88 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 830237
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.3 10.2 15.2

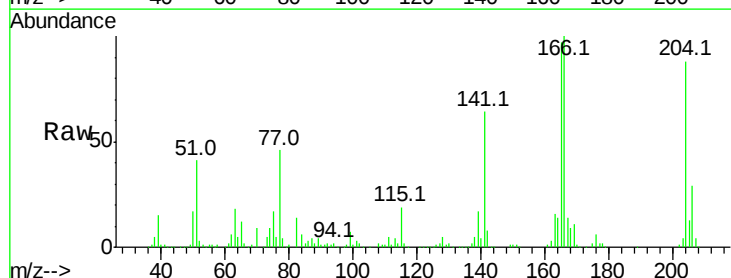


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

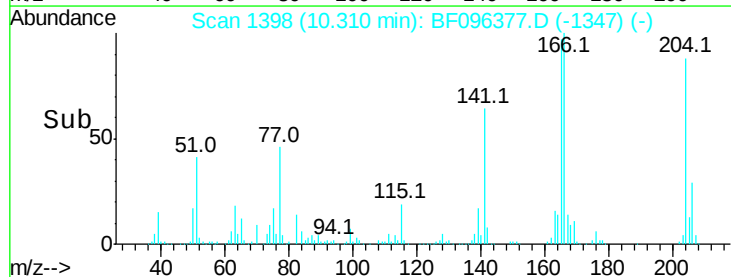
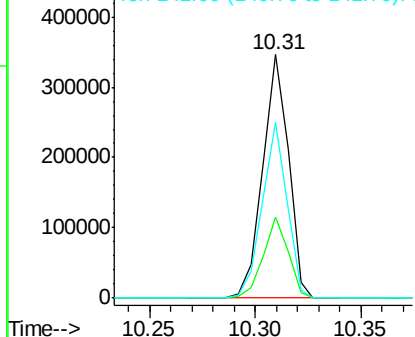


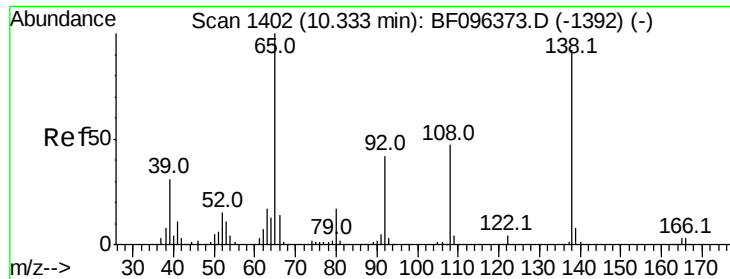
#60
4-Chlorophenyl-phenylether
Concen: 42.69 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:204 Resp: 296389
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 72.4 60.8 91.2



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

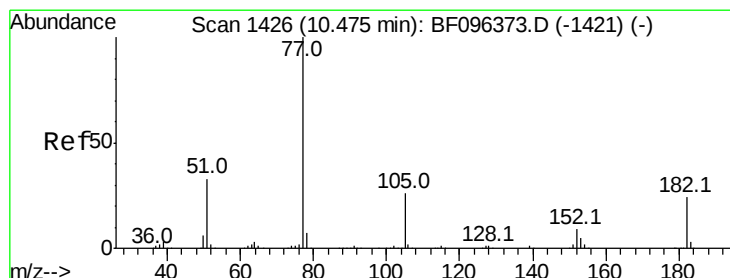
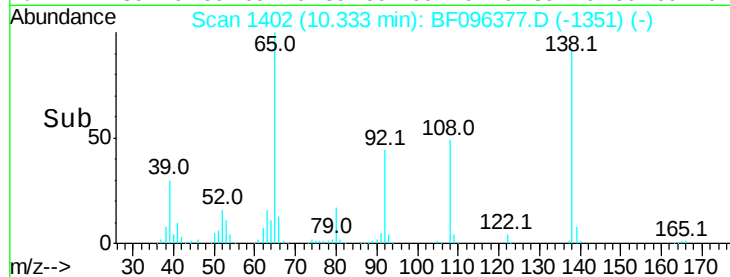
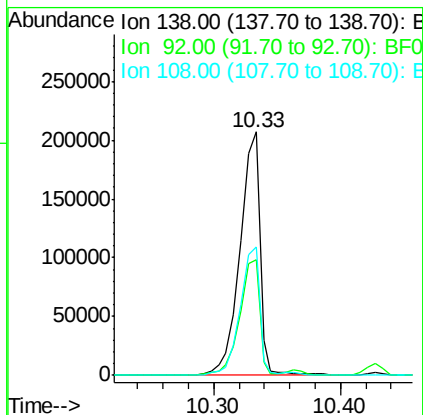
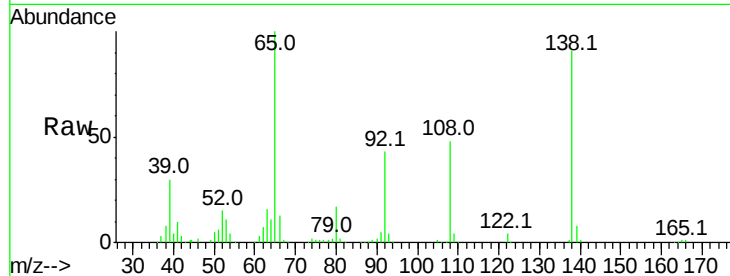




#61
4-Nitroaniline
Concen: 44.12 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

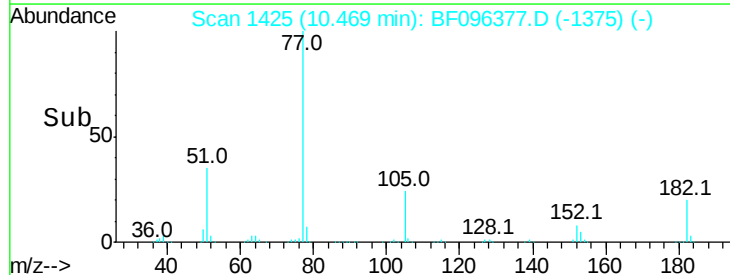
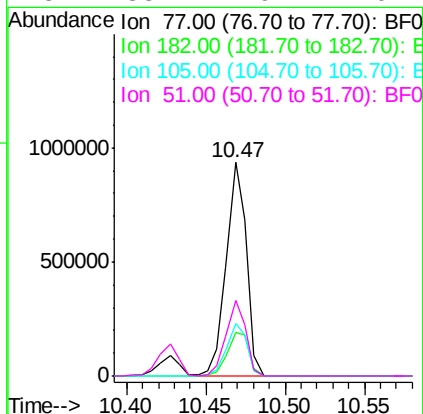
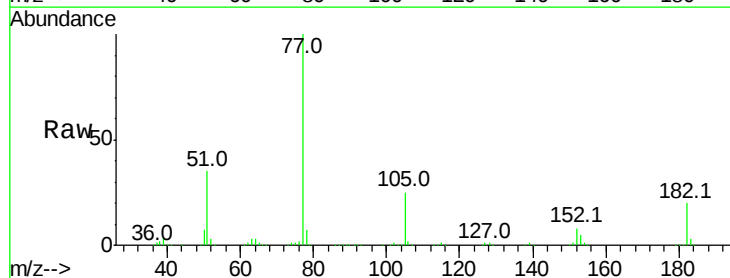
Instrument :
BNA_F
ClientSampleId :

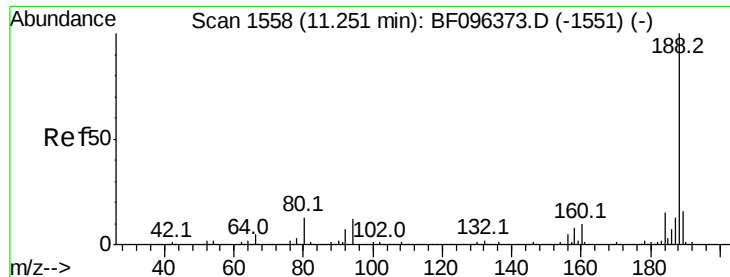
Tot Ion:138 Resp: 226677
Ion Ratio Lower Upper
138 100
92 47.5 21.8 61.8
108 53.0 42.3 82.3



#62
Azobenzene
Concen: 44.14 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion: 77 Resp: 826364
Ion Ratio Lower Upper
77 100
182 20.3 0.1 40.1
105 24.6 3.6 43.6
51 35.2 9.4 49.4

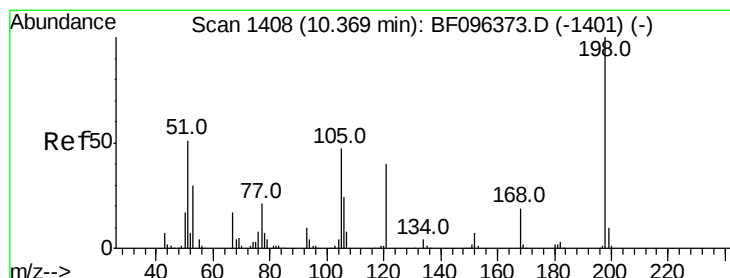
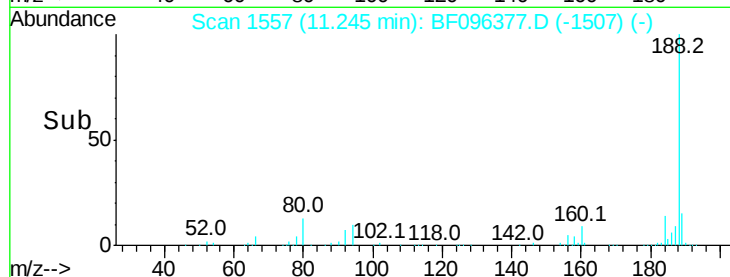
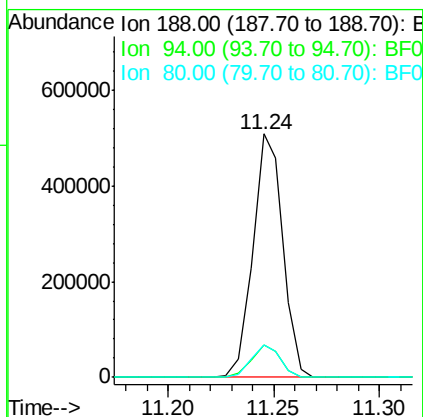
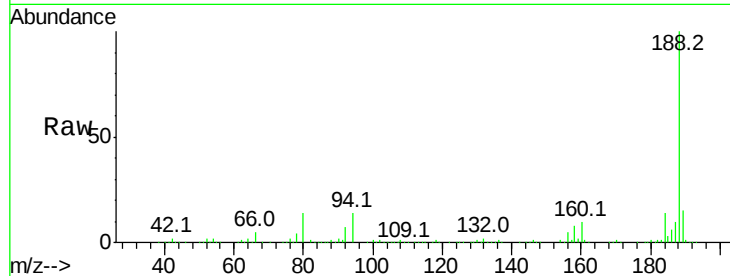




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

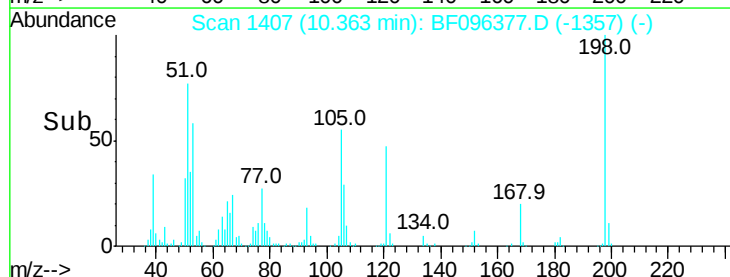
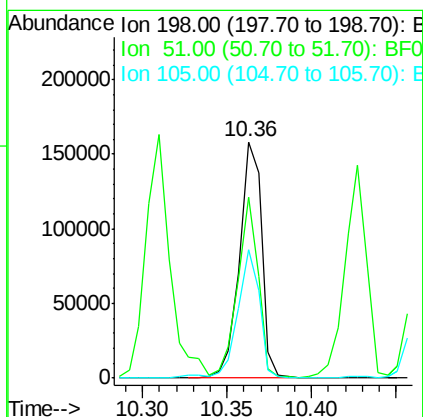
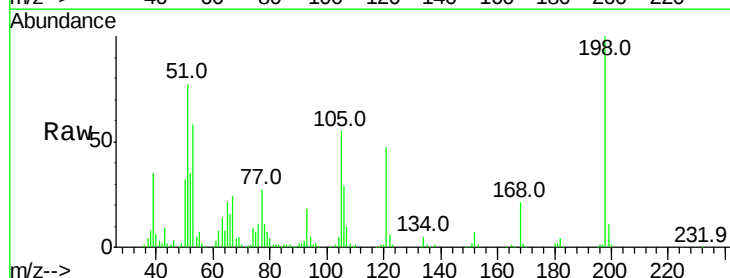
Instrument :
BNA_F
ClientSampleId :

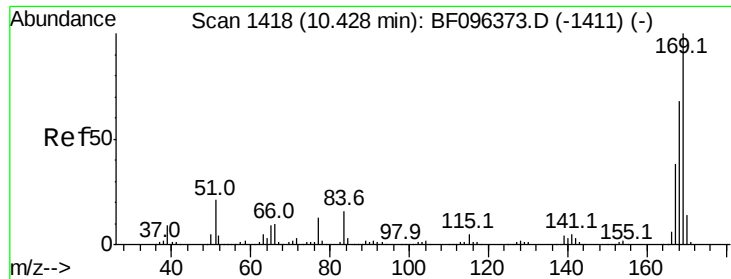
Tot Ion:188 Resp: 498341
Ion Ratio Lower Upper
188 100
94 13.5 9.4 14.2
80 13.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.19 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:198 Resp: 145017
Ion Ratio Lower Upper
198 100
51 76.6 53.2 93.2
105 54.7 45.8 85.8

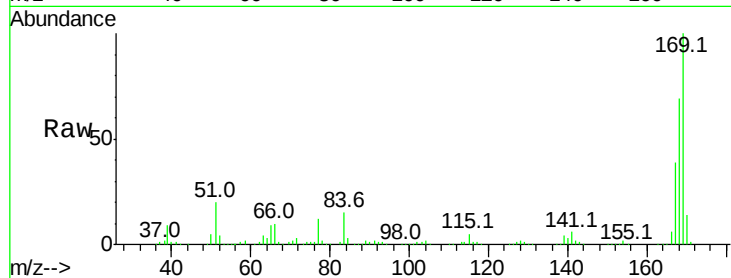




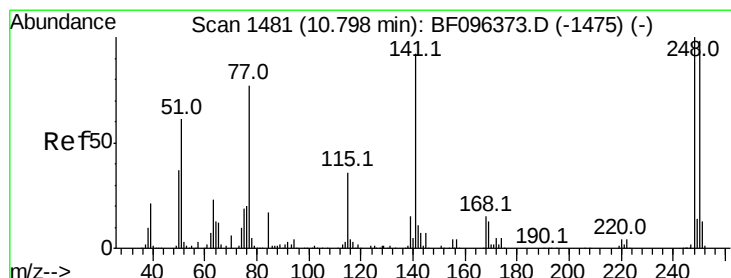
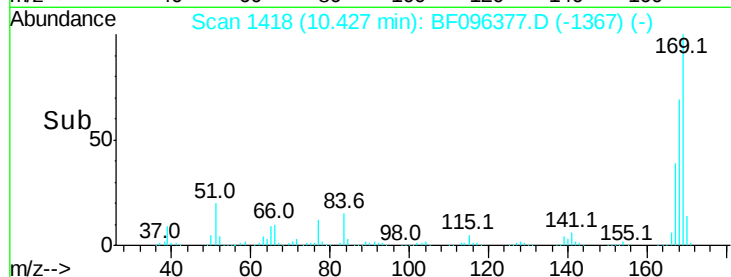
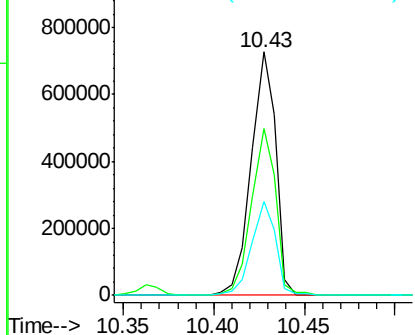
#65
 n-Nitrosodiphenylamine
 Concen: 39.33 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 687619
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.2 79.8
 167 38.6 29.5 44.3

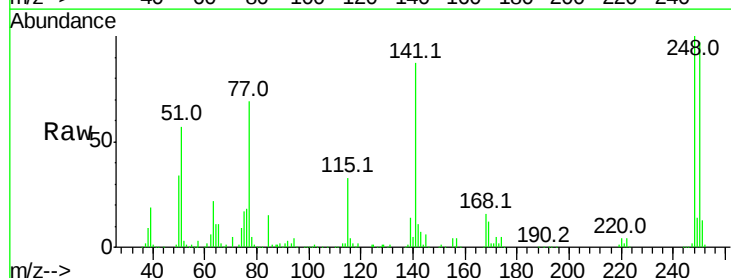


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

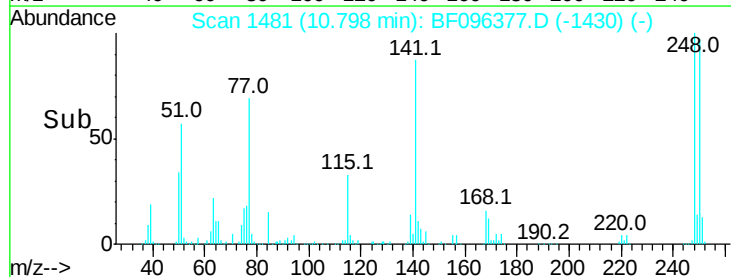
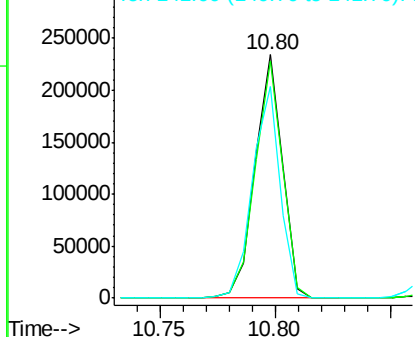


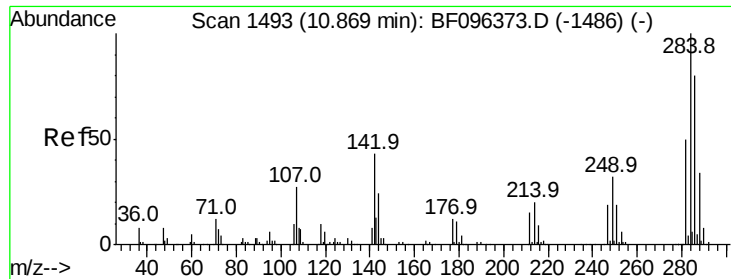
#66
 4-Bromophenyl-phenylether
 Concen: 39.98 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion:248 Resp: 193925
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.8 115.2
 141 86.7 68.6 103.0



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

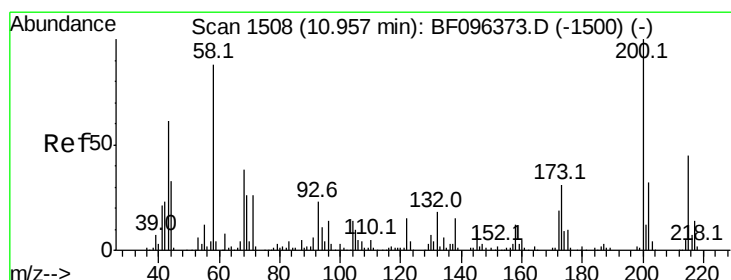
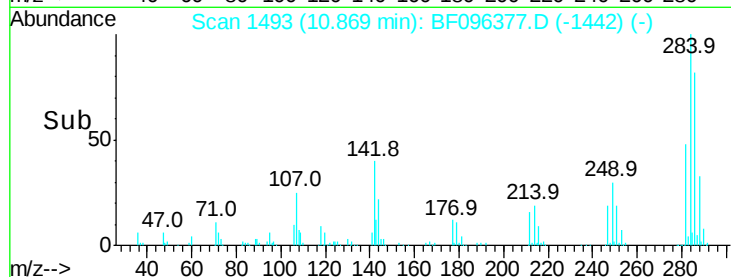
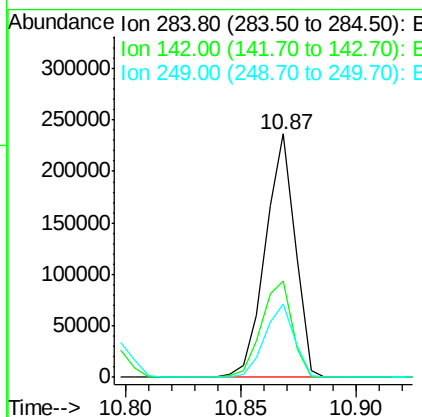
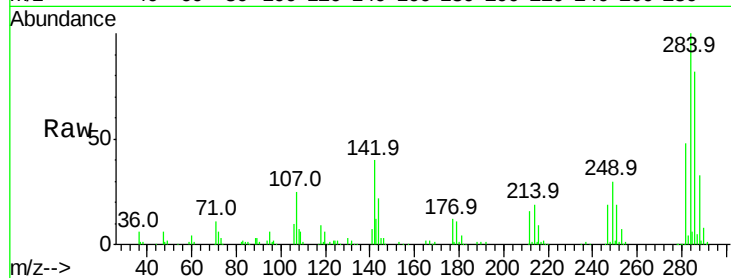




#67
Hexachlorobenzene
Concen: 39.78 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

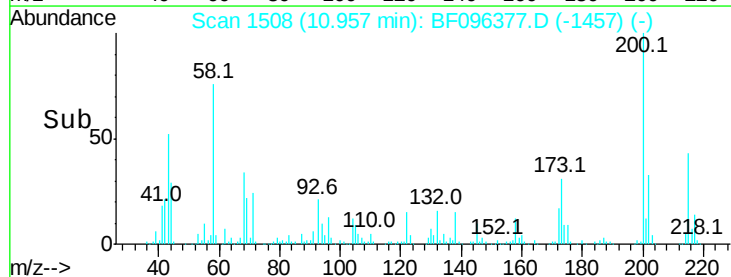
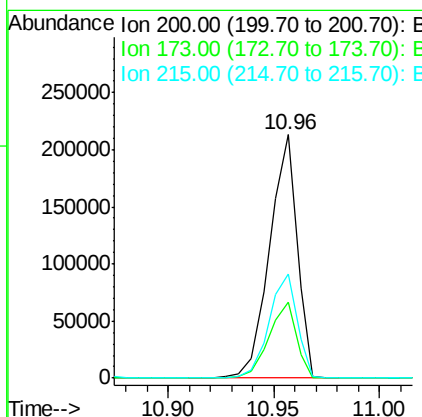
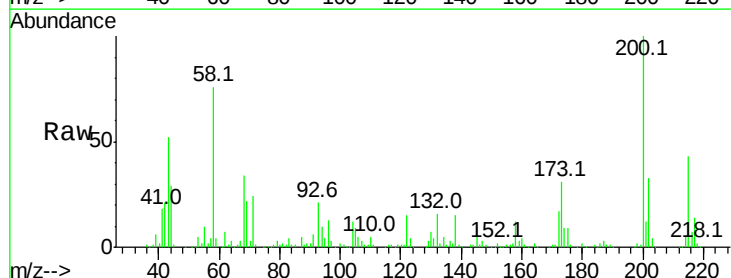
Instrument :
BNA_F
ClientSampleId :

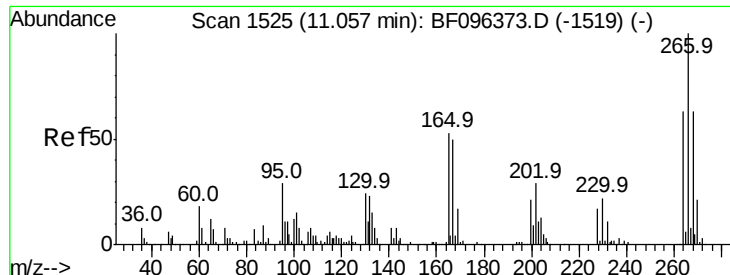
Tot Ion:284 Resp: 211237
Ion Ratio Lower Upper
284 100
142 39.9 22.8 34.2#
249 30.1 24.0 36.0



#68
Atrazine
Concen: 38.80 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:200 Resp: 193815
Ion Ratio Lower Upper
200 100
173 31.1 6.3 46.3
215 42.8 27.2 67.2

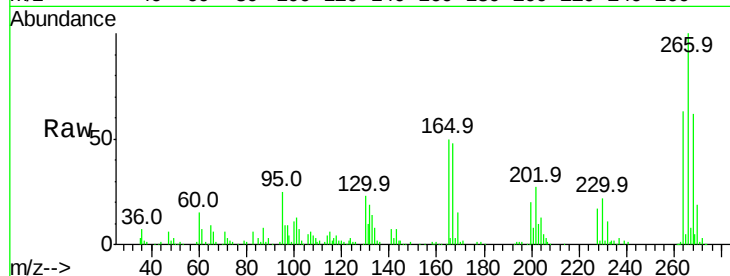




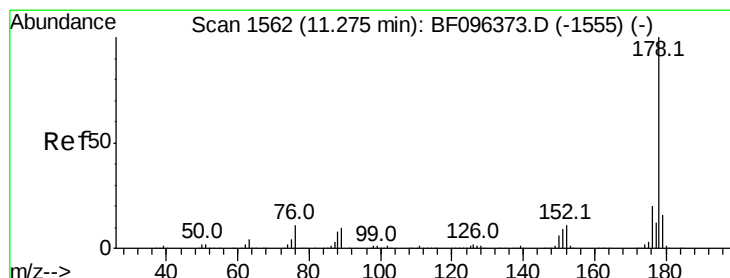
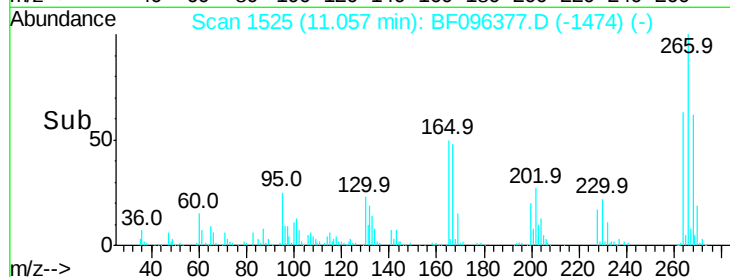
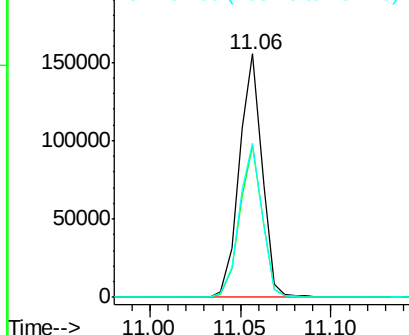
#69
 Pentachlorophenol
 Concen: 42.94 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 135154
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 63.3 51.7 77.5

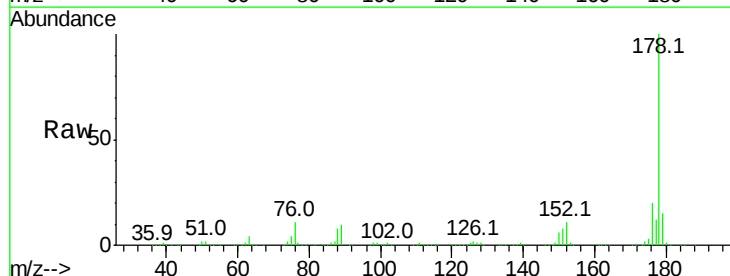


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

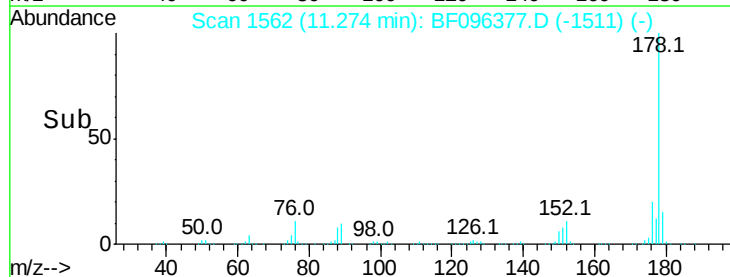
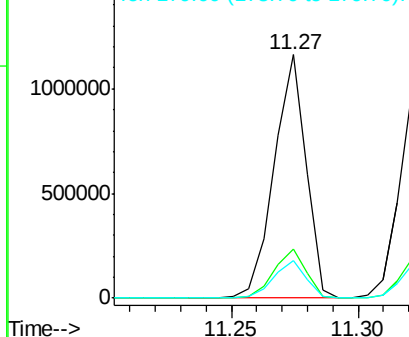


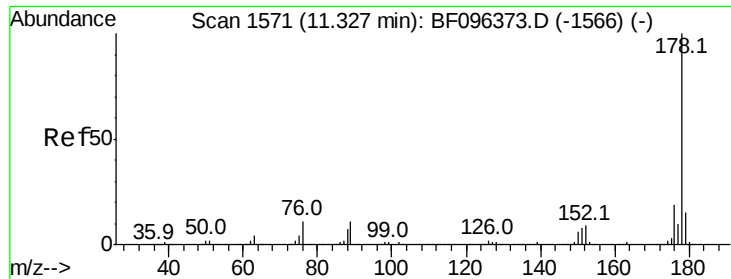
#70
 Phenanthrene
 Concen: 38.17 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion:178 Resp: 1028181
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.3 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

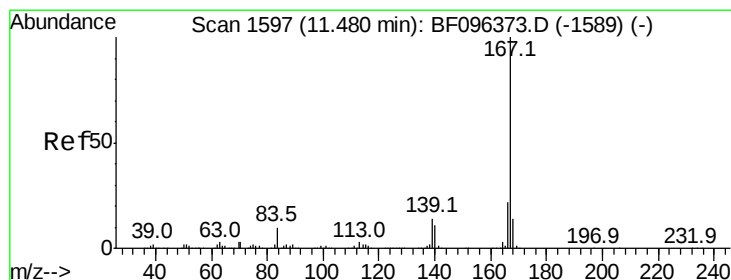
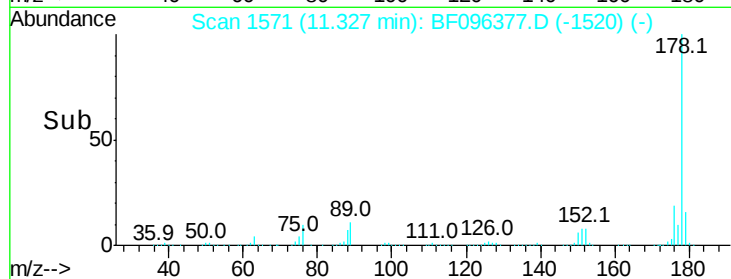
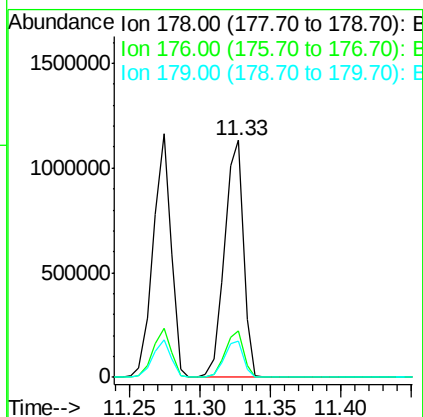
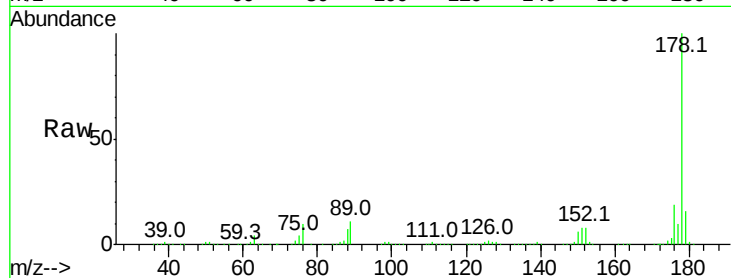




#71
 Anthracene
 Concen: 38.60 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

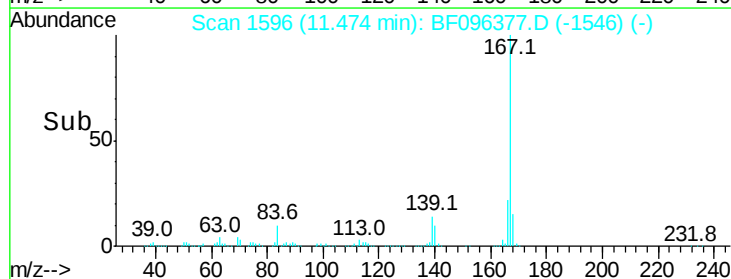
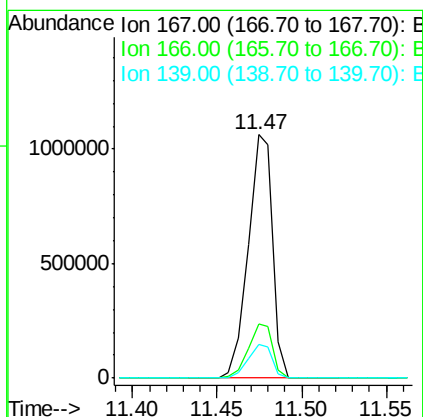
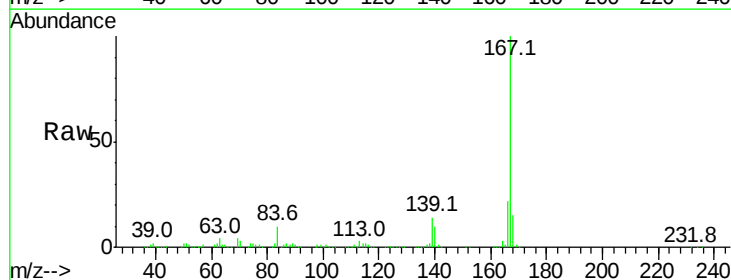
Instrument :
 BNA_F
 ClientSampleId :

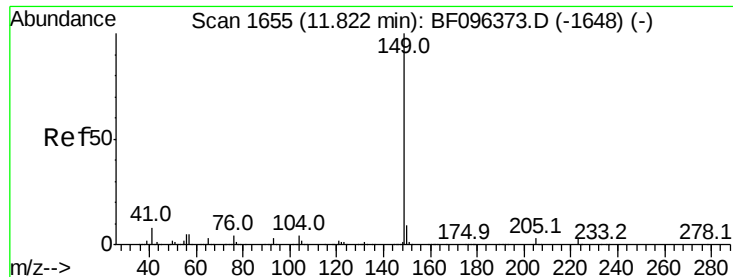
Tot Ion:178 Resp: 1059666
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 38.89 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion:167 Resp: 1073602
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 14.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.09 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :

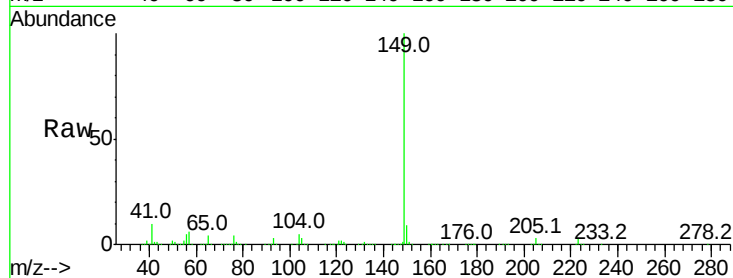
Tot Ion:149 Resp: 1307241

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

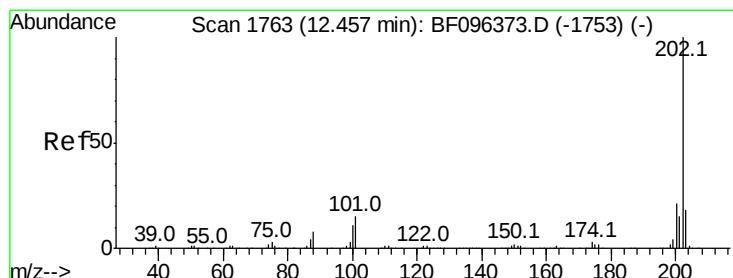
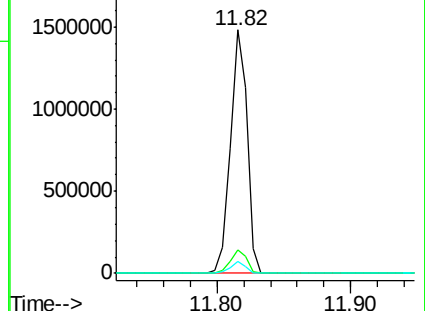
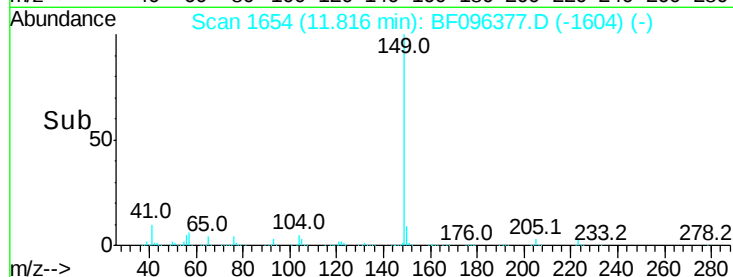
104 4.7 4.0 6.0



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: 38.22 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

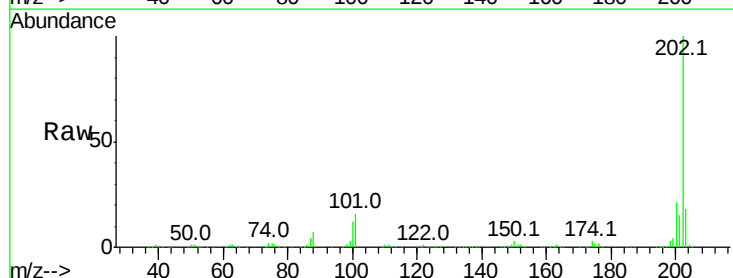
Tgt Ion:202 Resp: 1009405

Ion Ratio Lower Upper

202 100

101 15.6 0.0 33.2

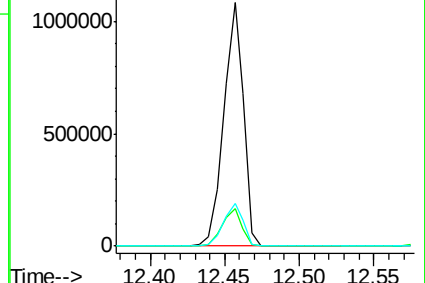
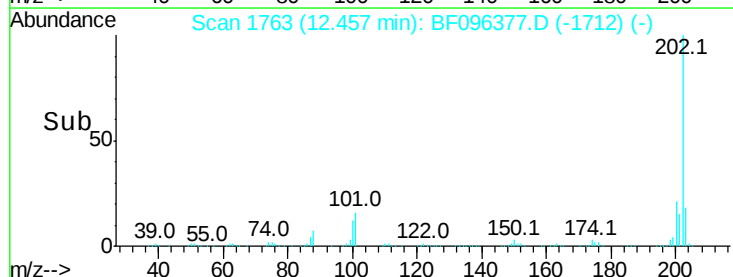
203 17.7 0.0 38.1

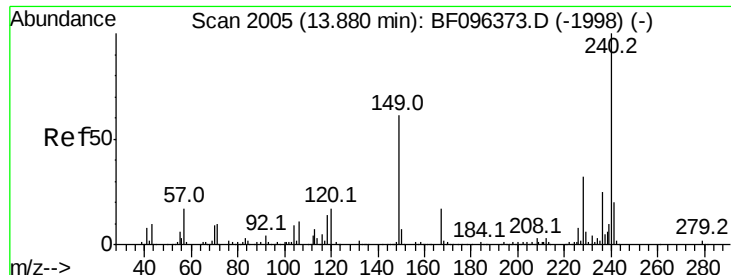


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :

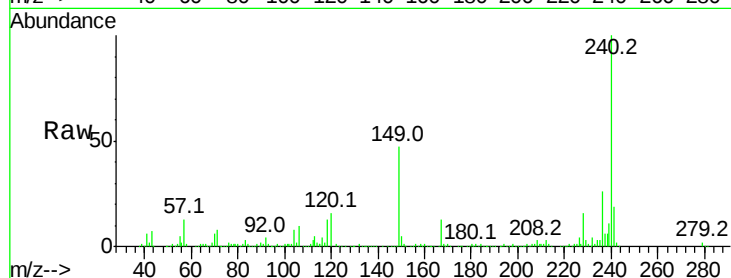
Tot Ion:240 Resp: 322545

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

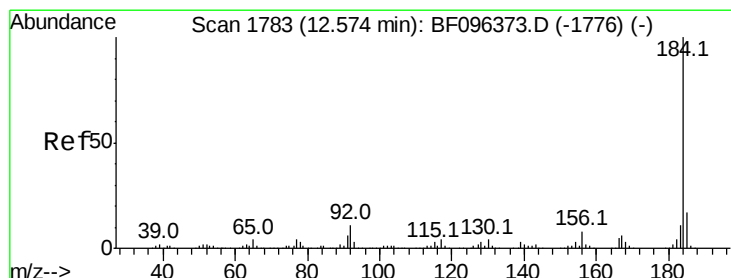
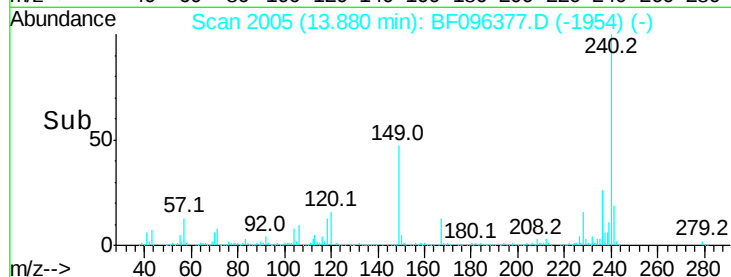
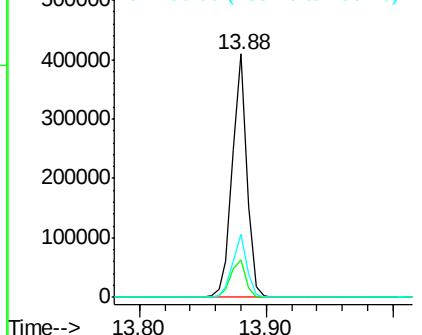
236 26.0 20.5 30.7



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: 39.04 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

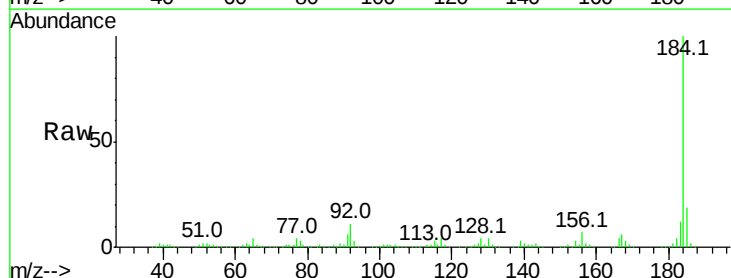
Tgt Ion:184 Resp: 604175

Ion Ratio Lower Upper

184 100

185 19.2 15.5 23.3

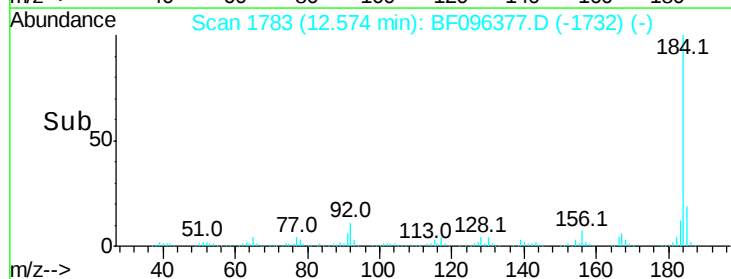
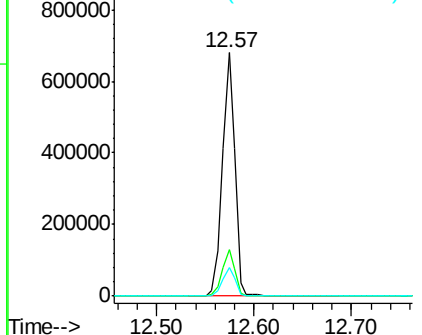
183 11.9 9.8 14.6

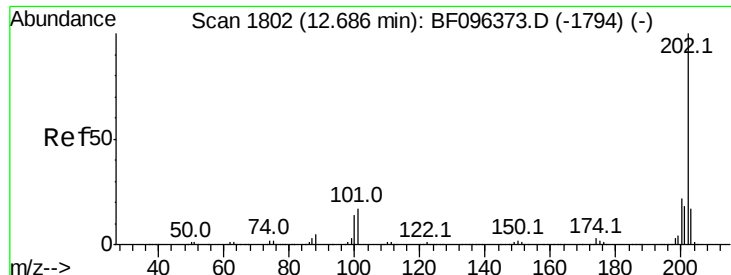


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

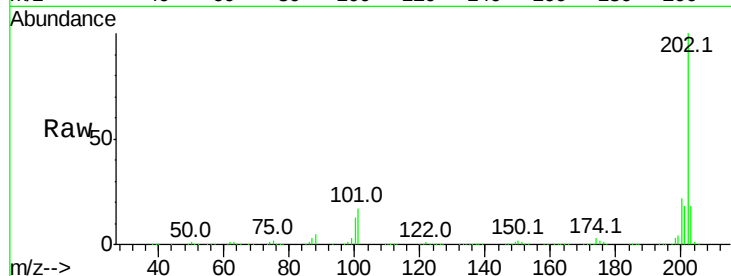




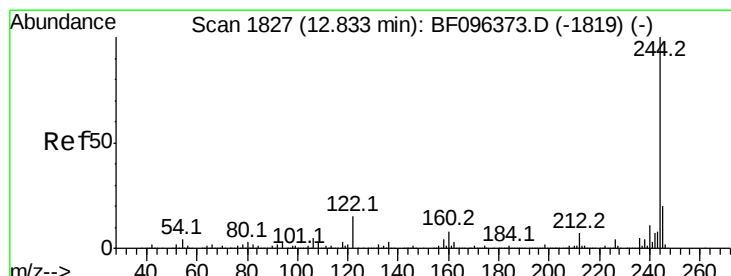
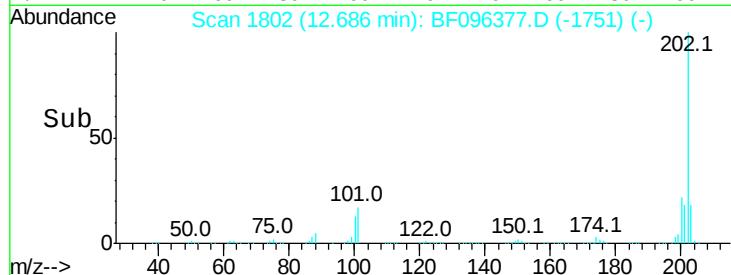
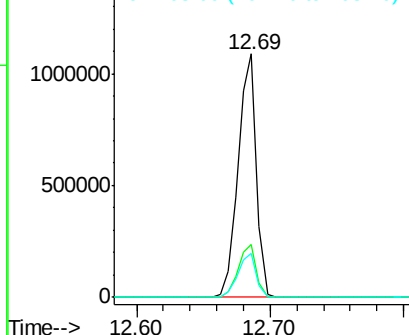
#77
Pvrene
Concen: 39.98 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1035109
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.8 14.4 21.6

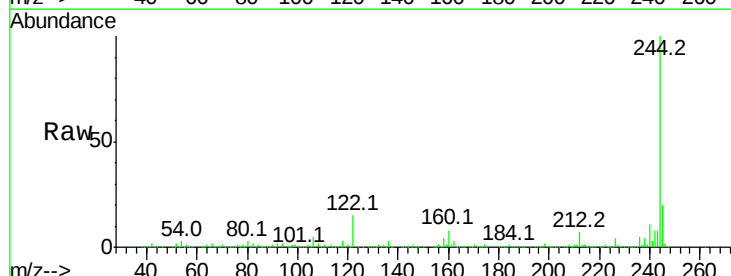


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

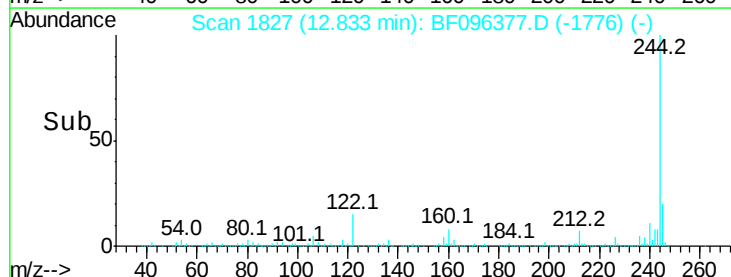
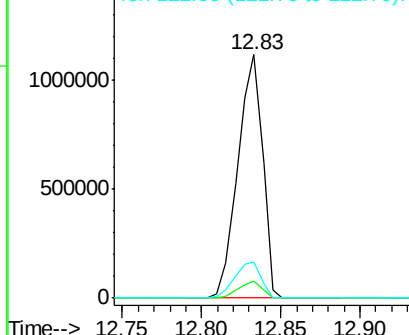


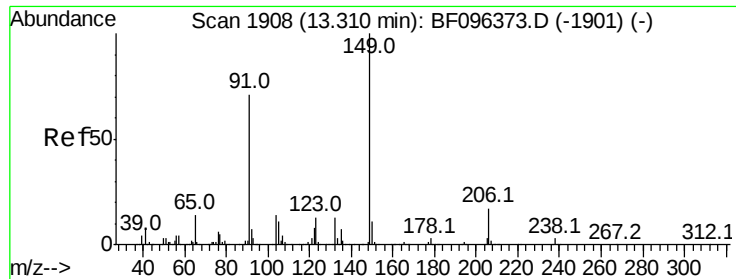
#78
Terphenyl-d14
Concen: 79.93 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:244 Resp: 1206486
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 14.9 10.3 15.5



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

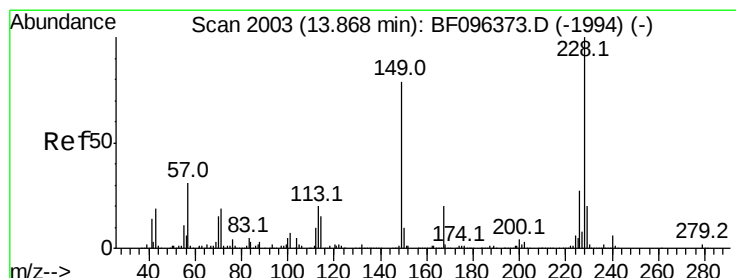
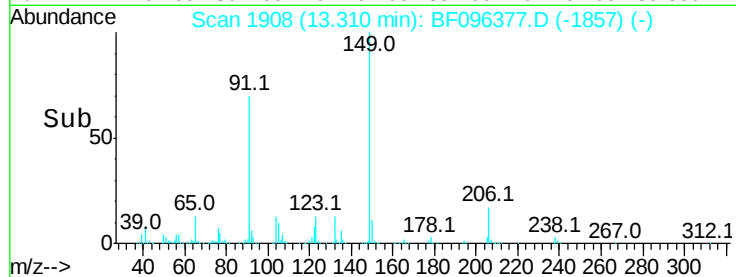
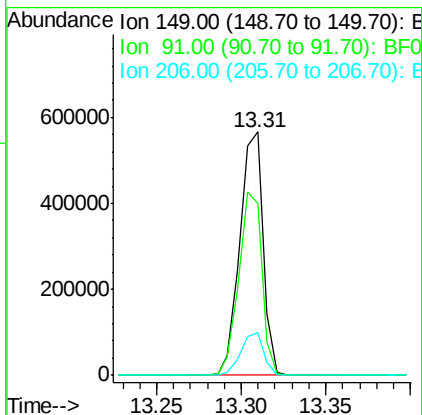
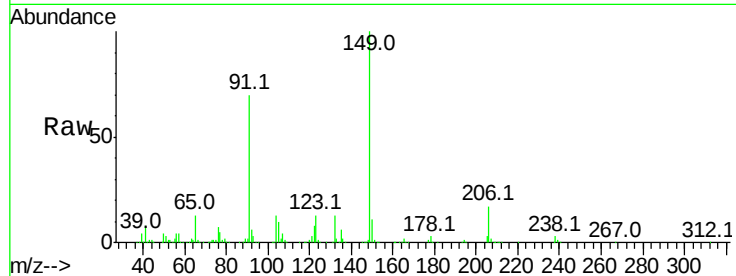




#79
 Butylbenzylphthalate
 Concen: 41.55 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

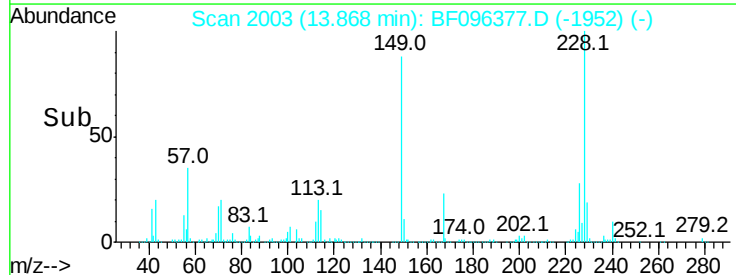
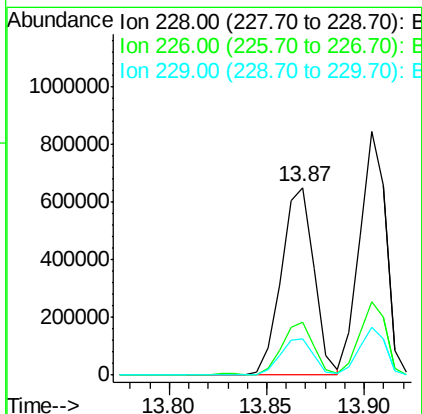
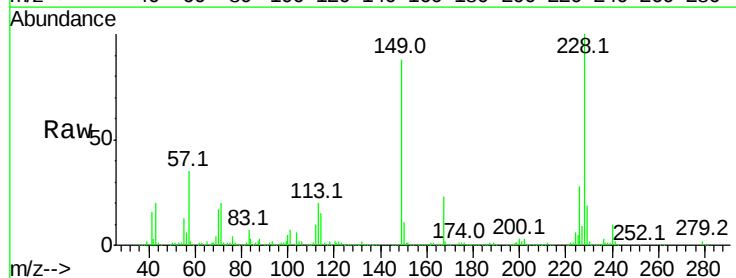
Instrument :
 BNA_F
 ClientSampleId :

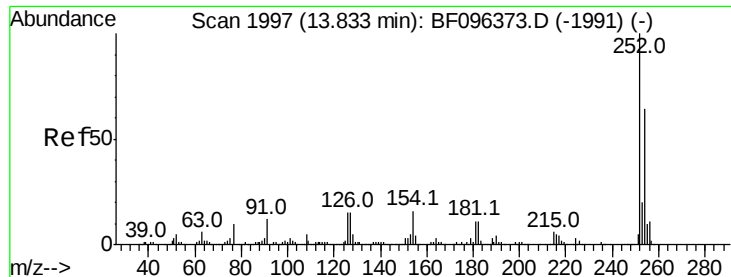
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.4	45.0	67.4#
206	17.5	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 40.28 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.1	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 40.12 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :

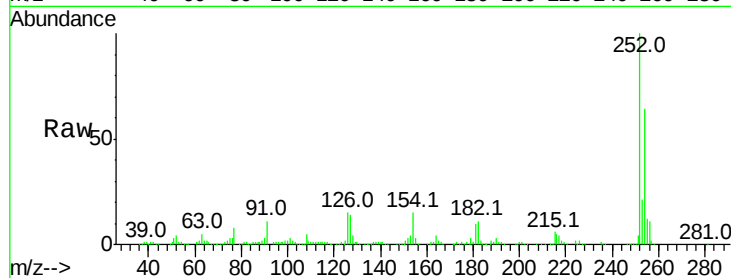
Tot Ion:252 Resp: 307810

Ion Ratio Lower Upper

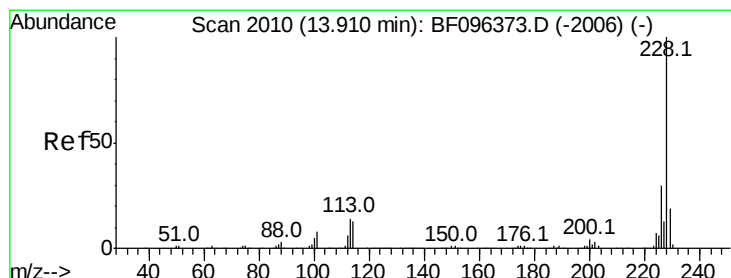
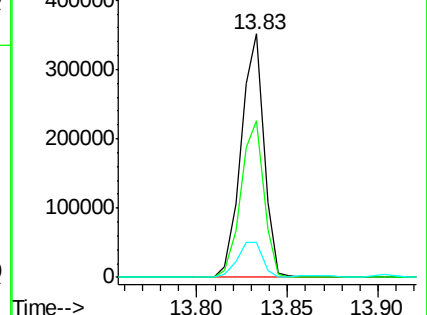
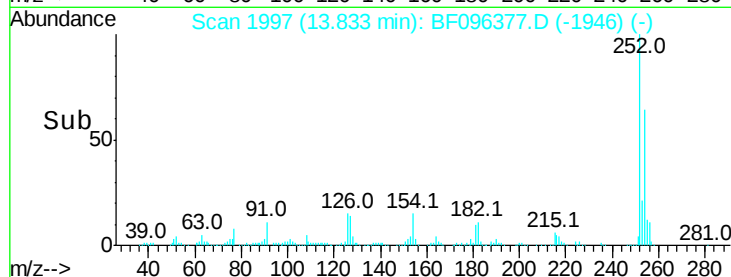
252 100

254 64.2 51.5 77.3

126 14.6 15.8 23.8#



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



#82

Chrysene

Concen: 40.42 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

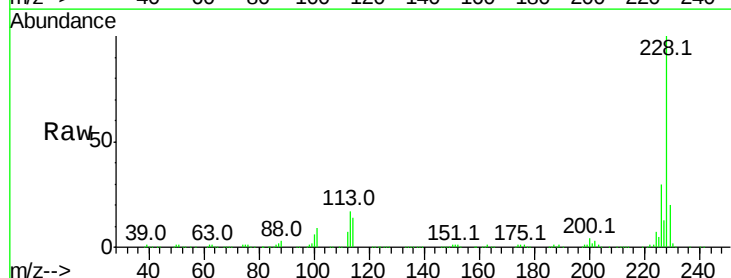
Tgt Ion:228 Resp: 790576

Ion Ratio Lower Upper

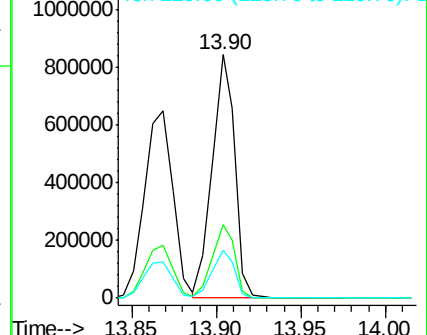
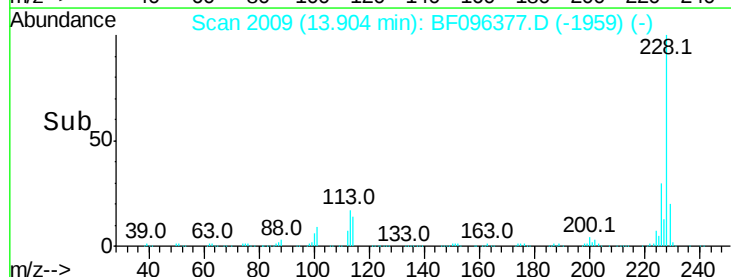
228 100

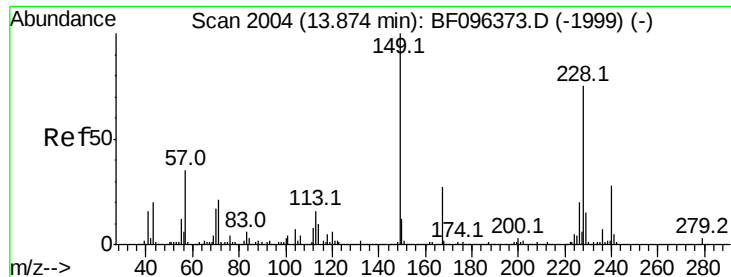
226 30.0 24.9 37.3

229 19.8 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

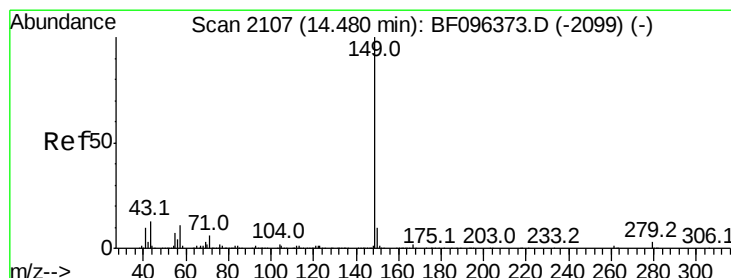
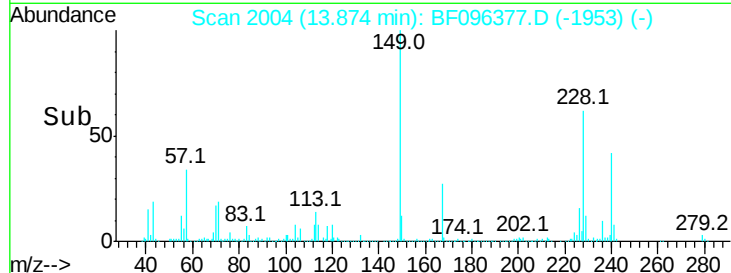
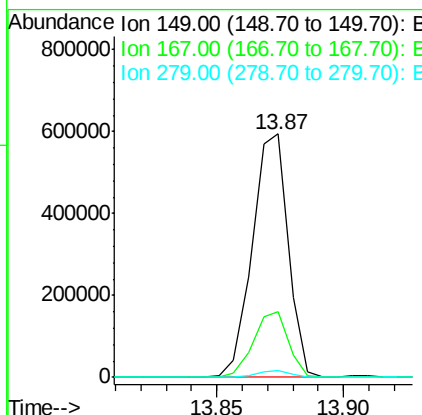
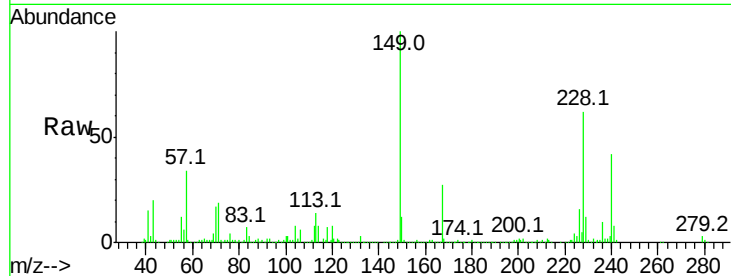




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.10 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

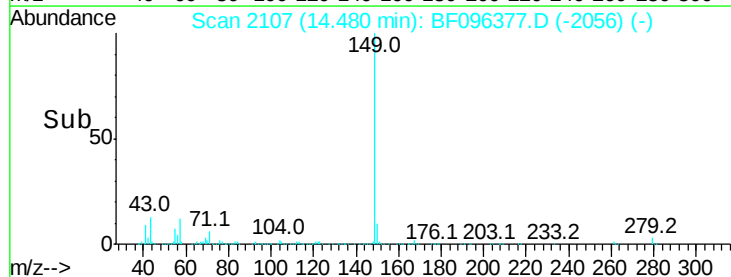
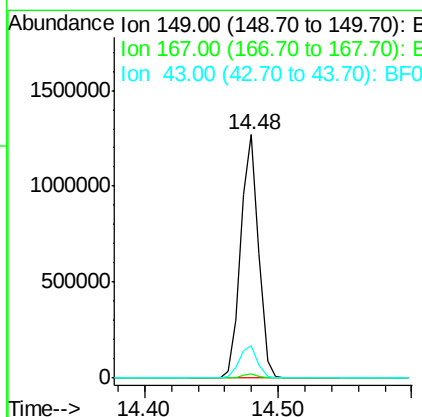
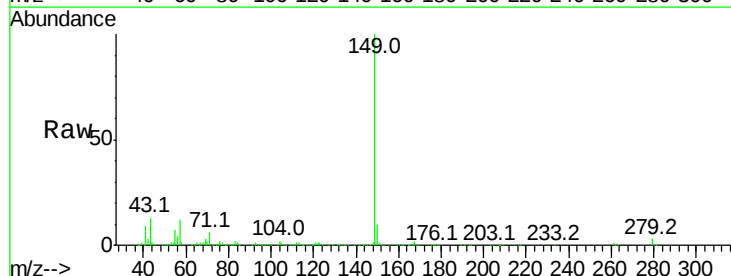
Instrument :
 BNA_F
 ClientSampleId :

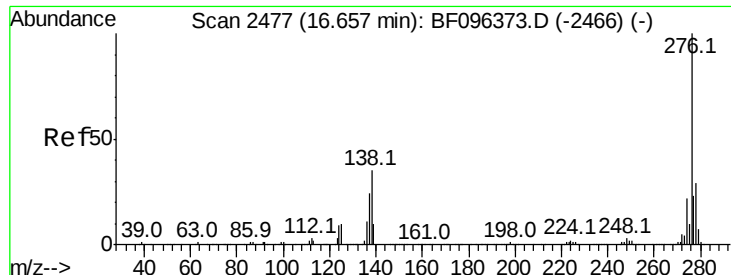
Tot Ion:149	Resp:	586569
Ion	Ratio	Lower Upper
149	100	
167	26.9	21.0 31.4
279	2.9	1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 40.78 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion:149	Resp:	1174934
Ion	Ratio	Lower Upper
149	100	
167	1.5	1.2 1.8
43	13.4	8.5 12.7#

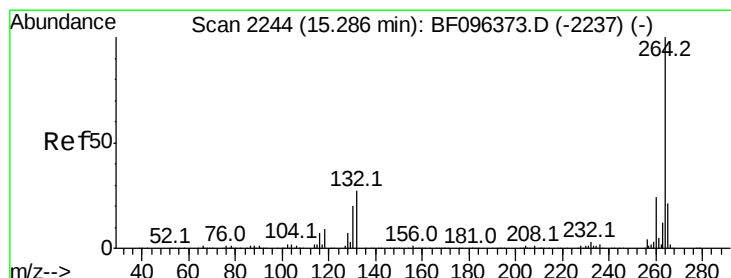
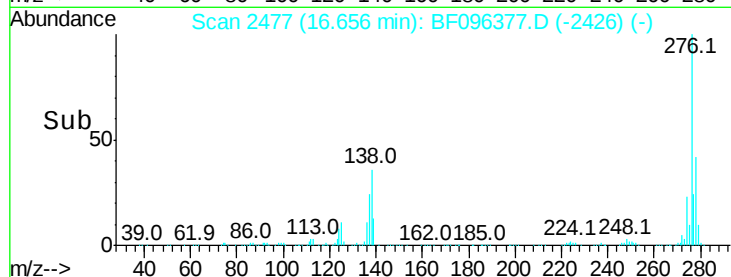
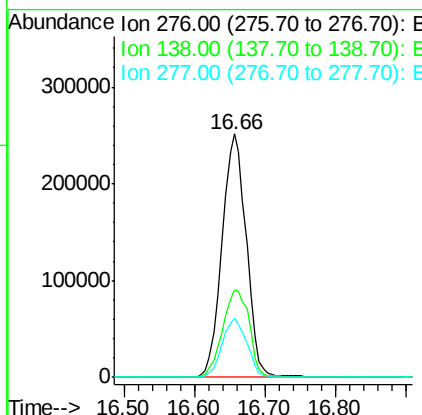
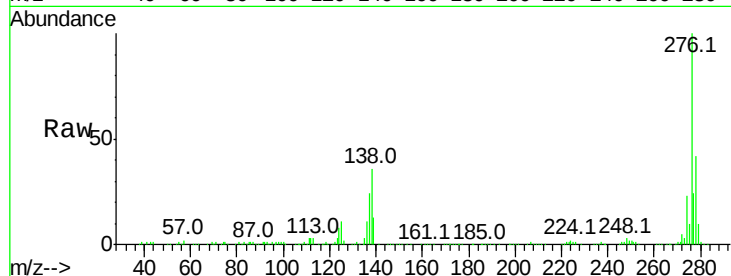




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.98 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

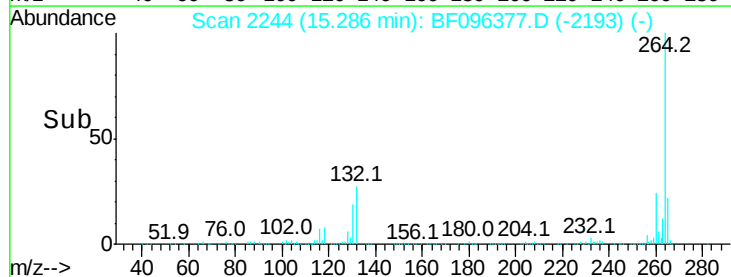
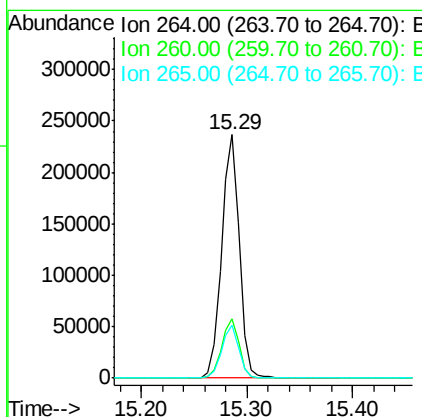
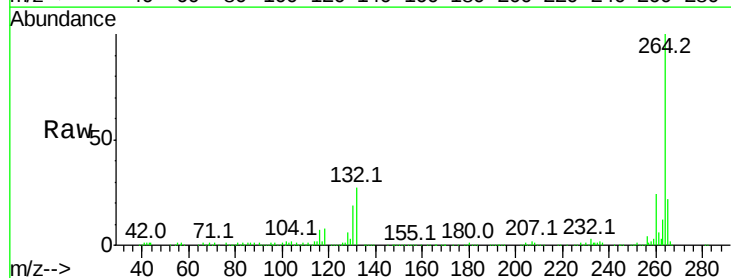
Instrument :
 BNA_F
 ClientSampleId :

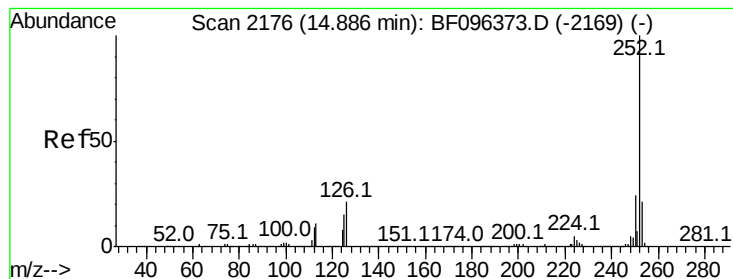
Tot Ion	Ratio	Lower	Upper
276	100		
138	39.6	27.8	41.6
277	24.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF096377.D
 Acq: 1 Jul 2017 14:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.63 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :

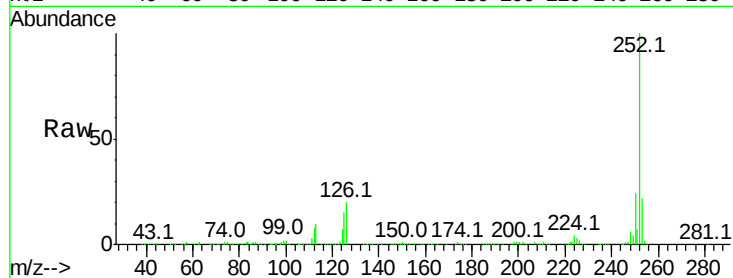
Tot Ion:252 Resp: 668019

Ion Ratio Lower Upper

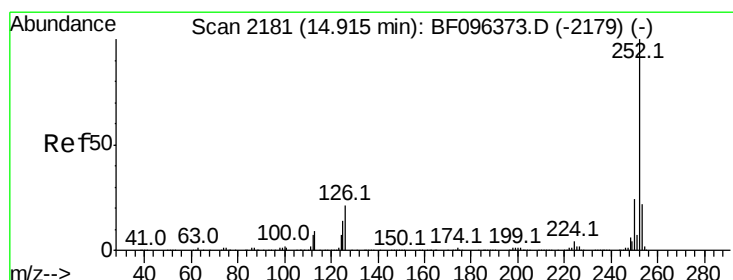
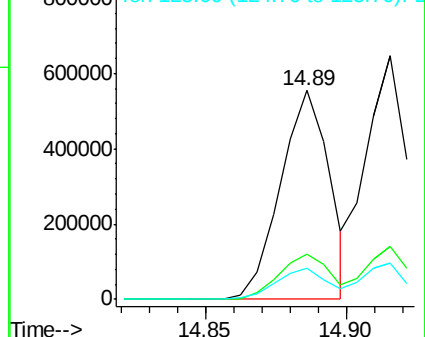
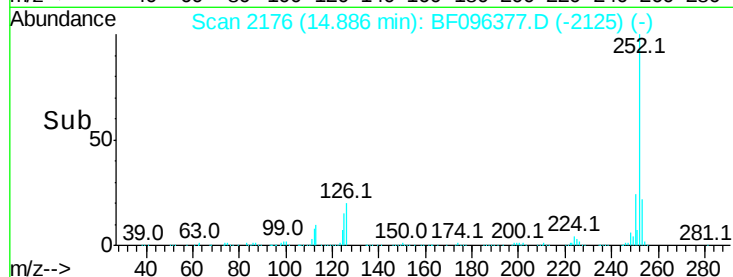
252 100

253 21.7 18.1 27.1

125 14.7 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 42.46 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

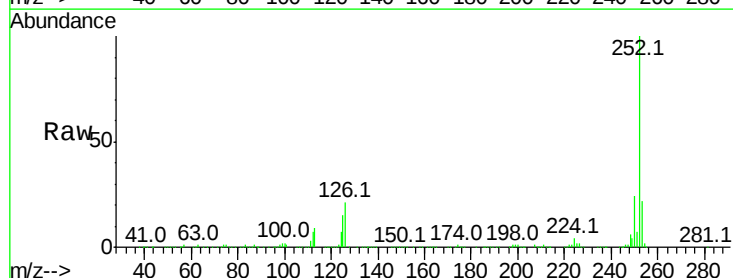
Tgt Ion:252 Resp: 656760

Ion Ratio Lower Upper

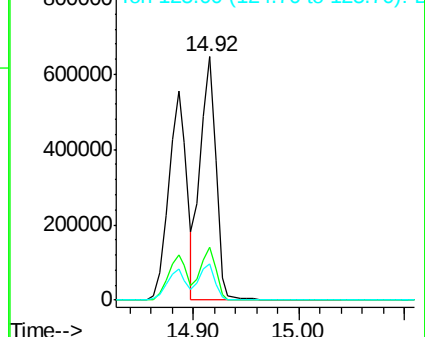
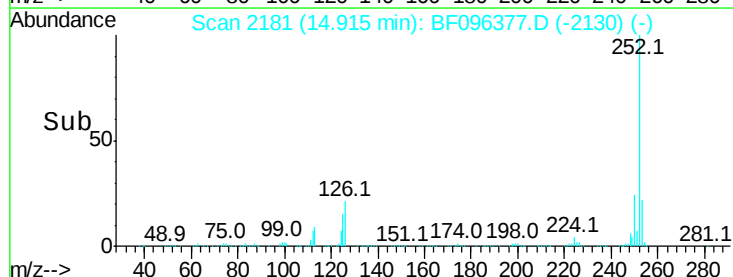
252 100

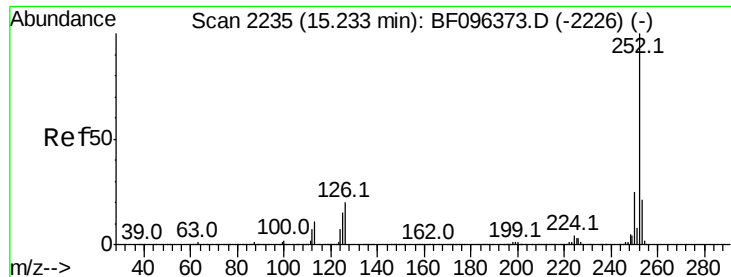
253 21.6 18.4 27.6

125 14.9 13.1 19.7



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

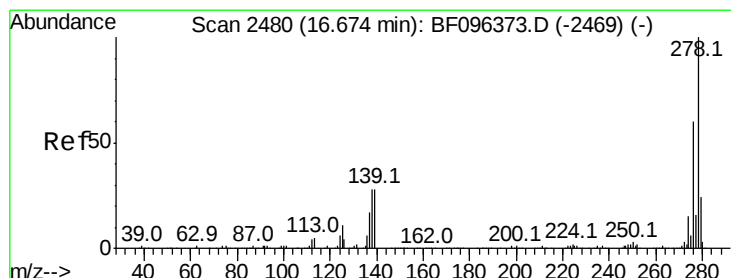
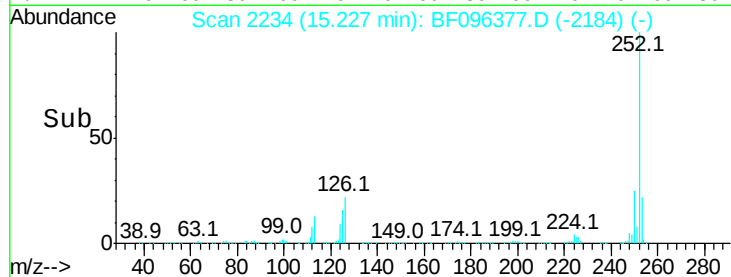
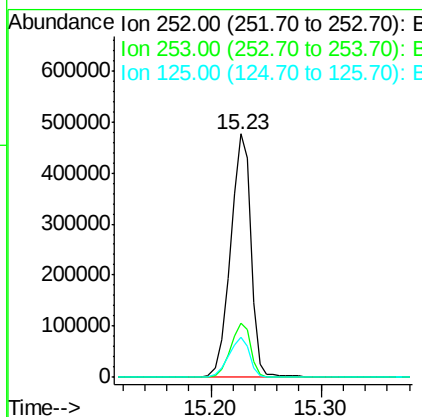
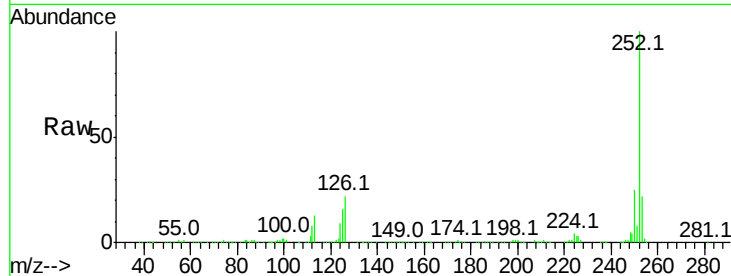




#89
Benzo(a)pyrene
Concen: 40.25 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

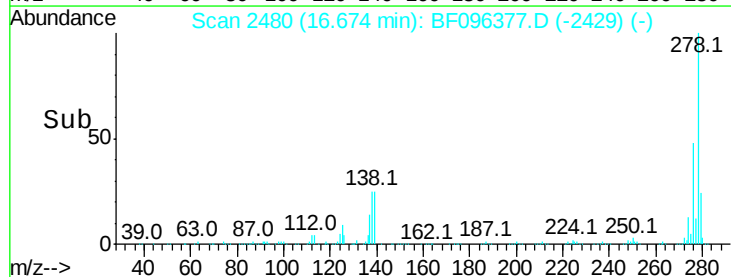
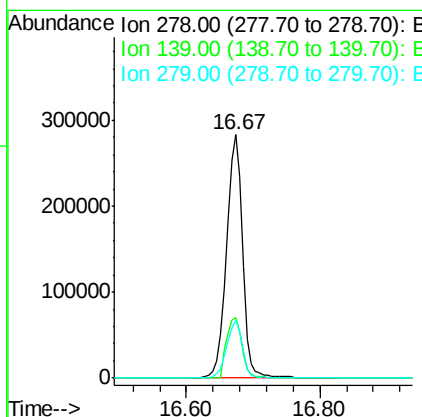
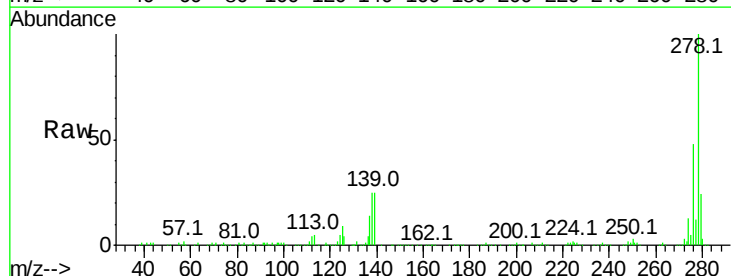
Instrument :
BNA_F
ClientSampleId :

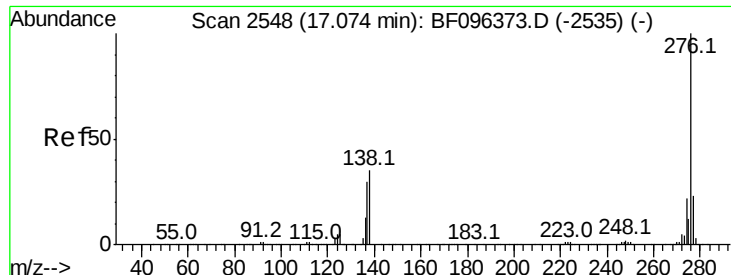
Tot Ion:252 Resp: 621374
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 16.5 11.0 16.4#



#90
Dibenzo(a,h)anthracene
Concen: 40.09 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BF096377.D
Acq: 1 Jul 2017 14:24

Tgt Ion:278 Resp: 486887
Ion Ratio Lower Upper
278 100
139 24.7 16.6 24.8
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 39.64 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

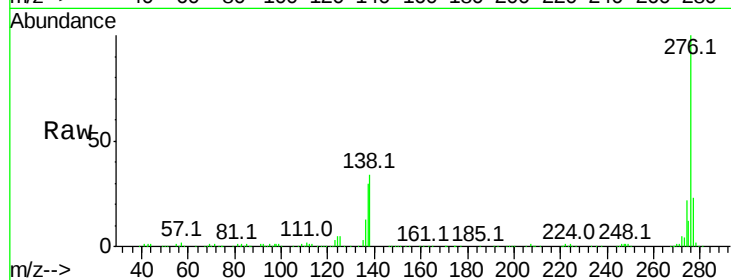
Lab File: BF096377.D

Acq: 1 Jul 2017 14:24

Instrument :

BNA_F

ClientSampleId :



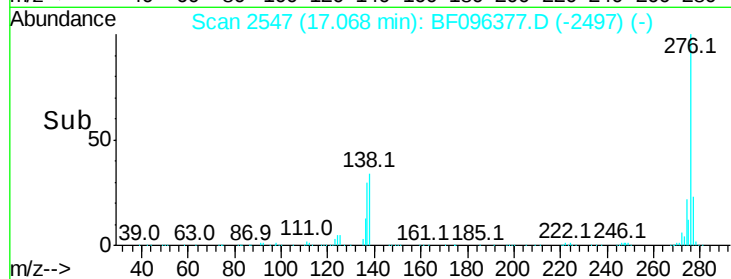
Tot Ion: 276 Resp: 498834

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 33.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

