

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096421.D
 Acq On : 2 Jul 2017 17:35
 Operator : SJ/MA
 Sample : I3876-05MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:32:54 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	143053	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	540969	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	224549	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	295736	20.00	ng	0.00
75) Chrysene-d12	13.88	240	195430	20.00	ng	0.00
86) Perylene-d12	15.29	264	157978	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1092274	112.70	ng	0.01
7) Phenol-d6	6.38	99	1297422	108.89	ng	0.00
23) Nitrobenzene-d5	7.30	82	733654	81.49	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	185911	105.99	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1097576	83.57	ng	0.00
78) Terphenyl-d14	12.83	244	661850	72.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	131858	28.69	ng	# 75
3) Pyridine	3.18	79	389778	30.91	ng	# 65
4) n-Nitrosodimethylamine	3.12	42	224343	36.05	ng	# 85
6) Aniline	6.40	93	464236	30.15	ng	# 87
8) 2-Chlorophenol	6.52	128	392159	37.94	ng	# 94
9) Benzaldehyde	6.27	77	184942	24.80	ng	# 99
10) Phenol	6.39	94	499937	36.83	ng	# 84
11) bis(2-Chloroethyl)ether	6.47	93	412971	39.37	ng	# 93
12) 1,3-Dichlorobenzene	6.67	146	413019	38.11	ng	# 98
13) 1,4-Dichlorobenzene	6.75	146	412004	38.04	ng	# 95
14) 1,2-Dichlorobenzene	6.91	146	386485	38.86	ng	# 96
15) Benzyl Alcohol	6.88	79	321888	40.41	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	842180	39.49	ng	# 91
17) 2-Methylphenol	7.00	107	321043	38.98	ng	# 98
18) Hexachloroethane	7.25	117	125434	31.94	ng	# 84
19) n-Nitroso-di-n-propylamine	7.16	70	269209	37.93	ng	# 85
20) 3+4-Methylphenols	7.15	107	368039	40.06	ng	# 88
22) Acetophenone	7.15	105	510725	43.21	ng	# 93
24) Nitrobenzene	7.32	77	394536	41.78	ng	# 93
25) Isophorone	7.56	82	639278	36.62	ng	# 96
26) 2-Nitrophenol	7.63	139	180525	36.11	ng	# 90
27) 2,4-Dimethylphenol	7.67	122	328039	38.54	ng	# 95
28) bis(2-Chloroethoxy)methane	7.77	93	503067	43.66	ng	# 99
29) 2,4-Dichlorophenol	7.88	162	311950	42.48	ng	# 99
30) 1,2,4-Trichlorobenzene	7.96	180	290938	42.00	ng	# 99
31) Naphthalene	8.04	128	995654	38.99	ng	# 100
32) Benzoic acid	7.75	122	41029	5.74	ng	# 91
33) 4-Chloroaniline	8.09	127	297465	28.04	ng	# 95
34) Hexachlorobutadiene	8.16	225	142786	40.19	ng	# 98
35) Caprolactam	8.45	113	69781	27.56	ng	# 47
36) 4-Chloro-3-methylphenol	8.57	107	289387	35.61	ng	# 91
37) 2-Methylnaphthalene	8.73	142	684631	42.11	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	237929	40.81	ng	# 99
40) Hexachlorocyclopentadiene	8.89	237	74471	26.27	ng	# 99

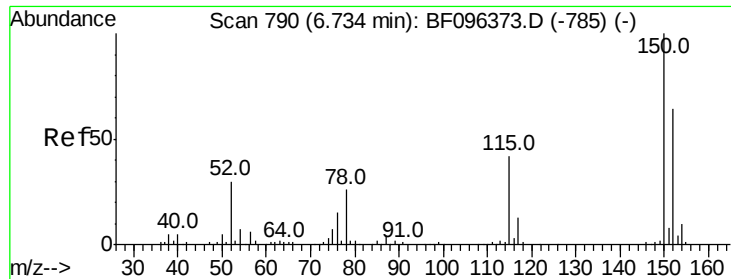
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	176976	38.37	nq	97
43) 2,4,5-Trichlorophenol	9.05	196	183335	40.20	nq	97
45) 1,1'-Biphenyl	9.20	154	697366	36.25	nq	98
46) 2-Chloronaphthalene	9.22	162	534603	37.29	nq	# 92
47) 2-Nitroaniline	9.31	65	212909	40.81	nq	93
48) Acenaphthylene	9.63	152	864715	38.06	nq	100
49) Dimethylphthalate	9.50	163	879036	52.44	nq	100
50) 2,6-Dinitrotoluene	9.55	165	145018	39.12	nq	# 77
51) Acenaphthene	9.80	154	504730	36.04	nq	97
52) 3-Nitroaniline	9.72	138	158869	34.36	nq	93
53) 2,4-Dinitrophenol	9.82	184	7131	3.62	nq	# 79
54) Dibenzofuran	9.97	168	718312	38.85	nq	100
55) 4-Nitrophenol	9.89	139	223967	58.44	nq	# 70
56) 2,4-Dinitrotoluene	9.96	165	165880	35.34	nq	# 92
57) Fluorene	10.32	166	518155	39.68	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	129052	40.90	nq	98
59) Diethylphthalate	10.20	149	599509	37.84	nq	99
60) 4-Chlorophenyl-phenylether	10.31	204	231280	40.71	nq	95
61) 4-Nitroaniline	10.33	138	145548	34.62	nq	89
62) Azobenzene	10.47	77	589072	38.45	nq	92
64) 4,6-Dinitro-2-methylphenol	10.36	198	15714	7.70	nq	85
65) n-Nitrosodiphenylamine	10.43	169	494254	47.63	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	130876	45.46	nq	97
67) Hexachlorobenzene	10.87	284	130599	41.44	nq	94
68) Atrazine	10.96	200	130121	43.89	nq	97
69) Pentachlorophenol	11.06	266	118044	63.20	nq	97
70) Phenanthrene	11.27	178	746608	46.70	nq	99
71) Anthracene	11.32	178	681039	41.80	nq	99
72) Carbazole	11.47	167	622983	38.02	nq	98
73) Di-n-butylphthalate	11.82	149	808624	40.75	nq	98
74) Fluoranthene	12.46	202	754664	48.15	nq	99
76) Benzidine	12.57	184	274322	29.25	nq	# 94
77) Pyrene	12.69	202	753085	48.01	nq	99
79) Butylbenzylphthalate	13.30	149	299809	37.76	nq	# 80
80) Benzo(a)anthracene	13.87	228	524304	46.33	nq	98
81) 3,3'-Dichlorobenzidine	13.83	252	166790	35.88	nq	# 98
82) Chrysene	13.90	228	517111	43.63	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	382682	43.17	nq	99
84) Di-n-octyl phthalate	14.48	149	708141	40.57	nq	95
85) Indeno(1,2,3-cd)pyrene	16.66	276	365424	39.06	nq	97
87) Benzo(b)fluoranthene	14.89	252	476025	48.09	nq	97
88) Benzo(k)fluoranthene	14.89	252	476025	53.76	nq	98
89) Benzo(a)pyrene	15.23	252	392122	44.37	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	289808	41.68	nq	97
91) Benzo(g,h,i)perylene	17.07	276	316368	43.91	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

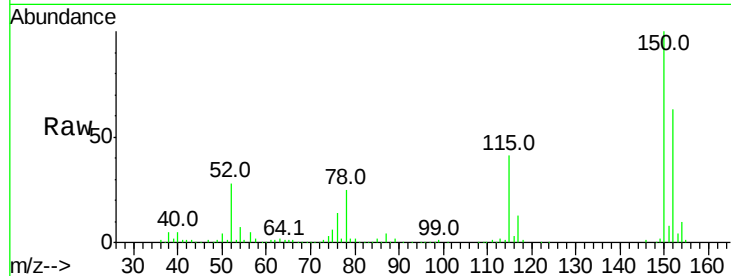
Tot Ion:152 Resp: 143053

Ion Ratio Lower Upper

152 100

150 157.7 126.2 189.2

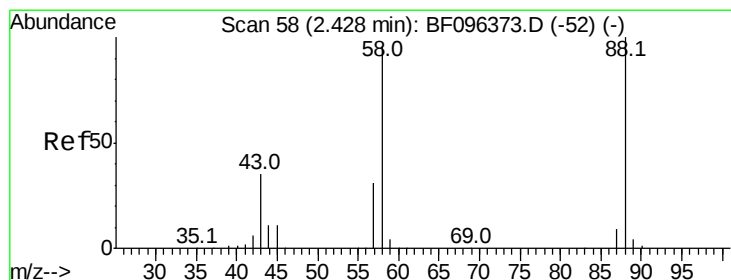
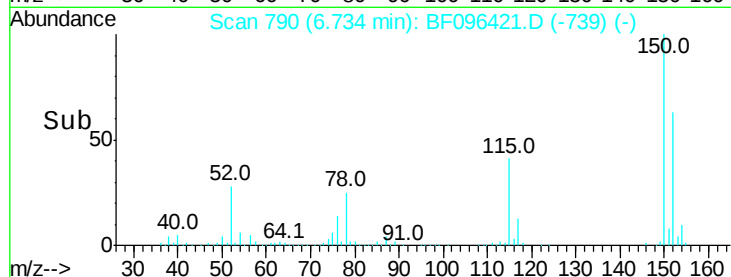
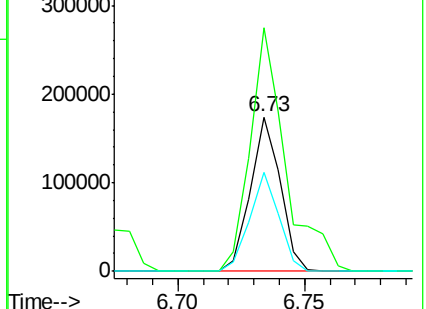
115 64.1 52.2 78.2



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: 28.69 ng

RT: 2.48 min Scan# 66

Delta R.T. 0.05 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

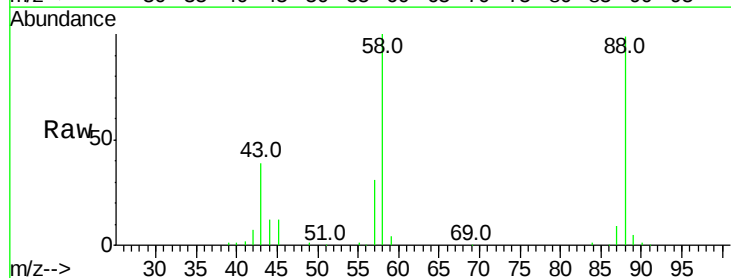
Tgt Ion: 88 Resp: 131858

Ion Ratio Lower Upper

88 100

58 100.1 61.4 92.0#

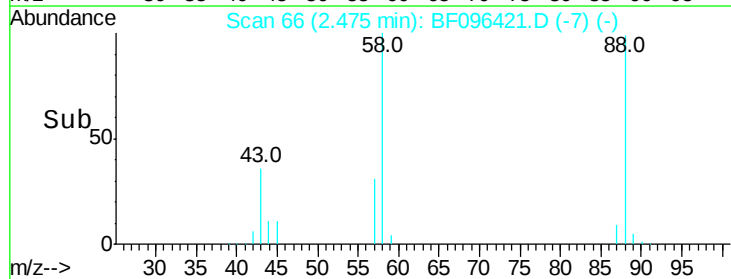
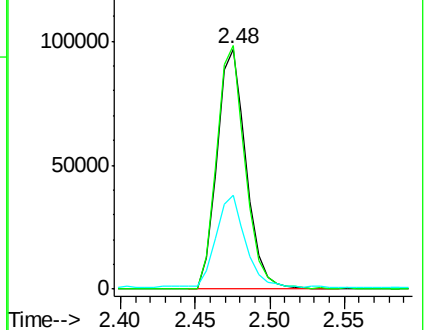
43 39.3 23.4 35.0#

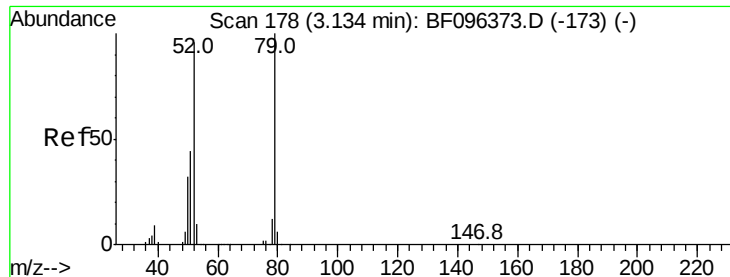


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.91 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.04 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

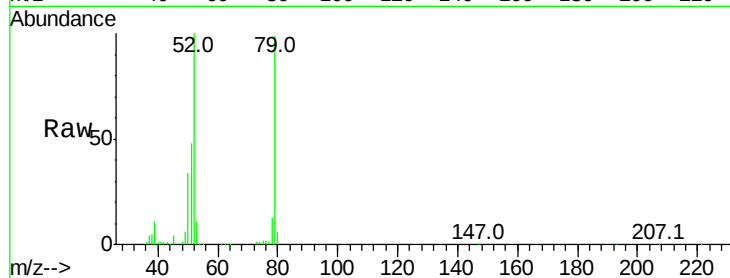
Tot Ion: 79 Resp: 389778

Ion Ratio Lower Upper

79 100

52 101.0 54.8 82.2#

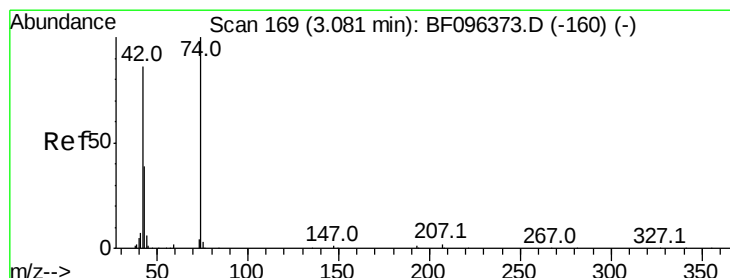
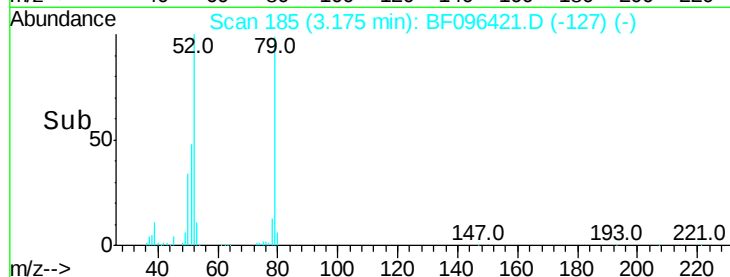
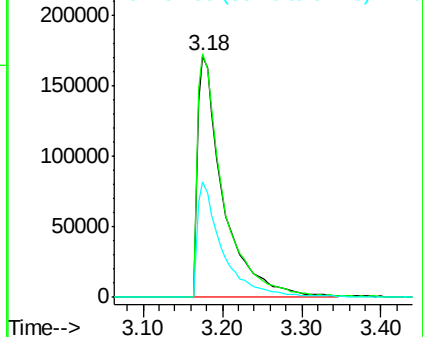
51 48.1 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.05 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.04 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

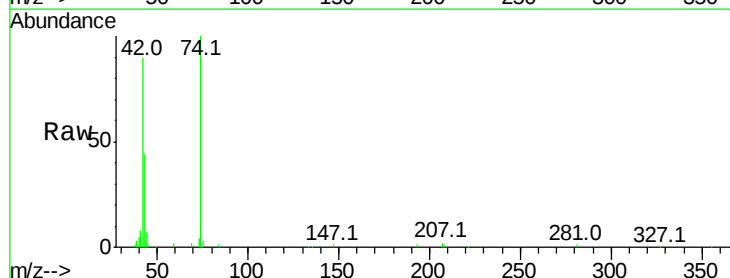
Tgt Ion: 42 Resp: 224343

Ion Ratio Lower Upper

42 100

74 111.2 103.9 155.9

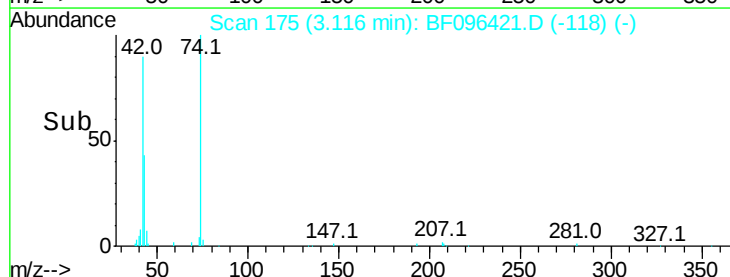
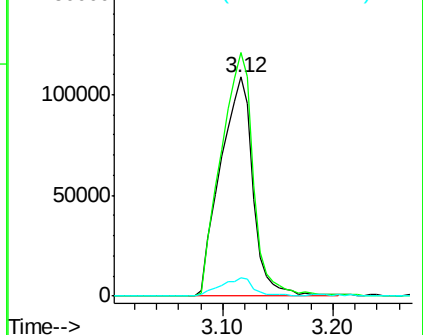
44 8.3 5.7 8.5

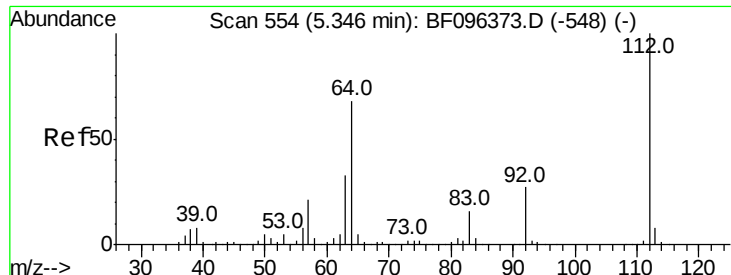


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

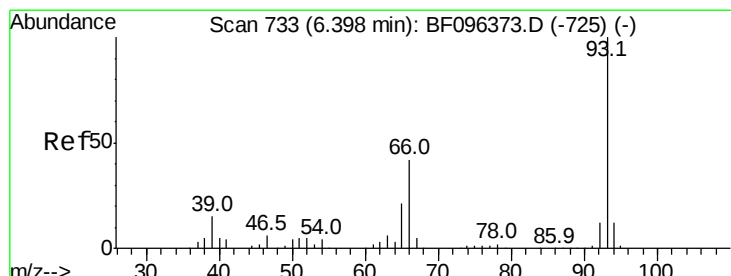
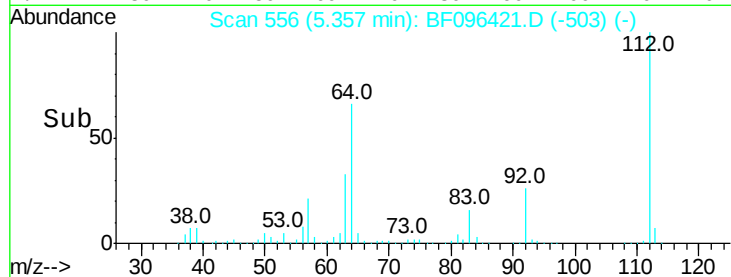
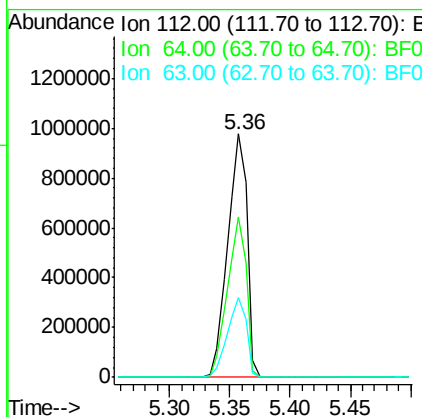
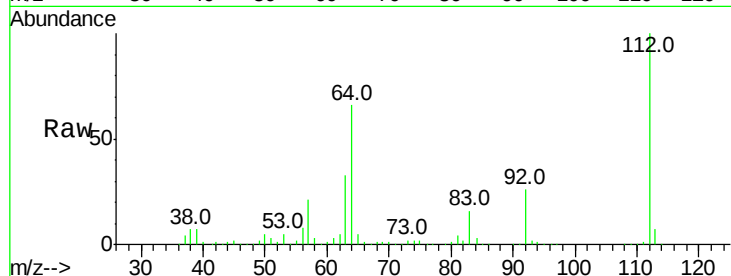




#5
 2-Fluorophenol
 Concen: 112.70 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

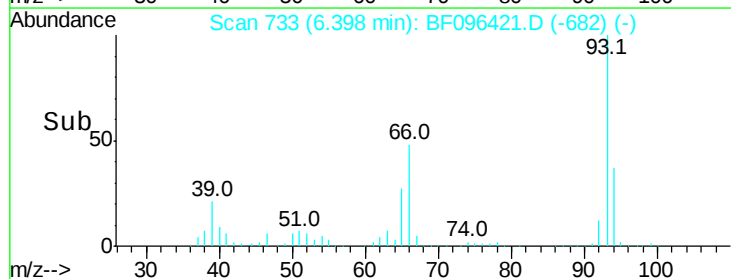
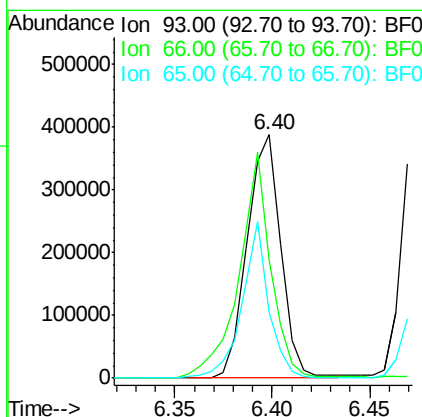
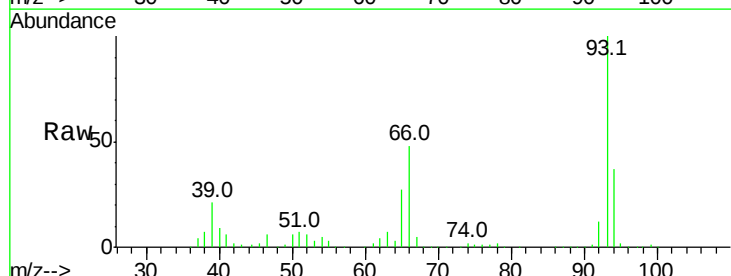
Instrument :
 BNA_F
 ClientSampleId :

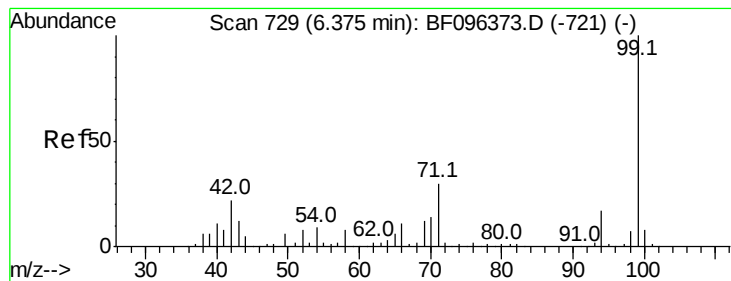
Tot Ion:112 Resp: 1092274
 Ion Ratio Lower Upper
 112 100
 64 65.8 46.0 69.0
 63 32.9 23.4 35.0



#6
 Aniline
 Concen: 30.15 ng
 RT: 6.40 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion: 93 Resp: 464236
 Ion Ratio Lower Upper
 93 100
 66 48.3 32.9 49.3
 65 27.2 16.0 24.0#





#7

Phenol-d6

Concen: 108.89 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

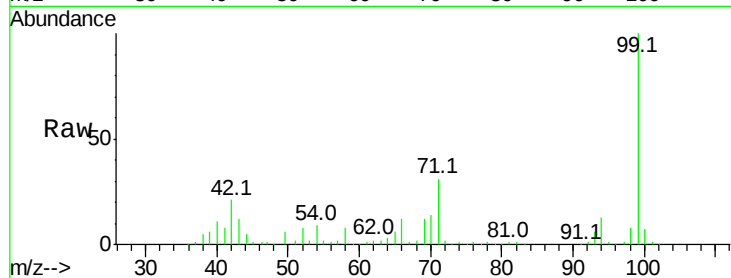
Instrument :

BNA_F

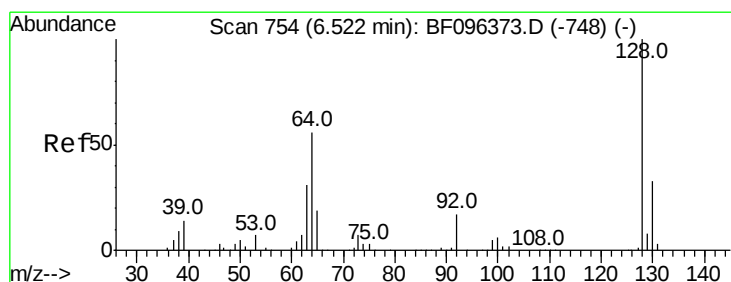
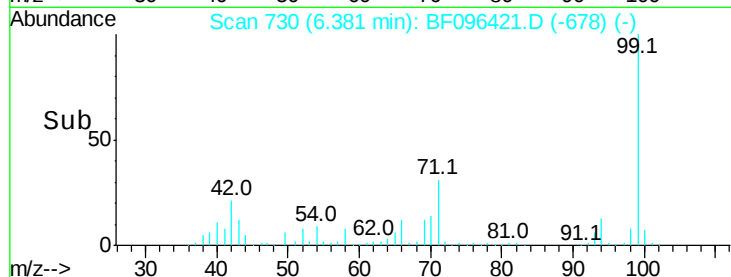
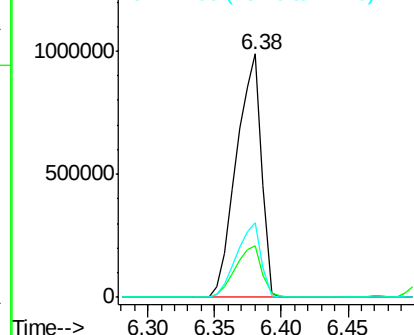
ClientSampled :

Tot Ion: 99 Resp: 1297422

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	30.6	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: 37.94 ng

RT: 6.52 min Scan# 754

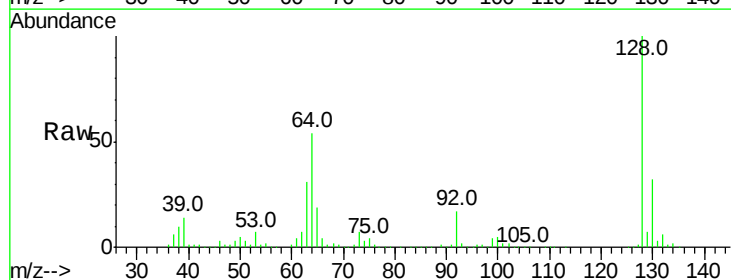
Delta R.T. 0.00 min

Lab File: BF096421.D

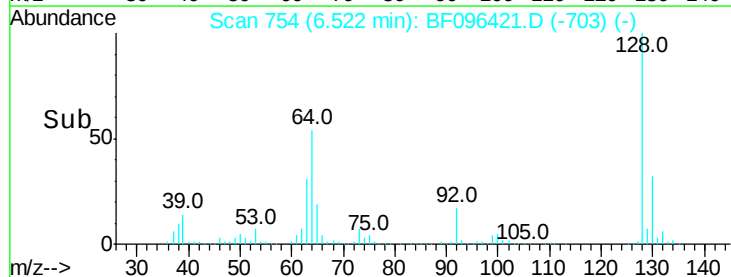
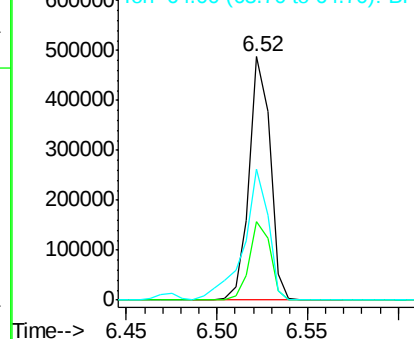
Acq: 2 Jul 2017 17:35

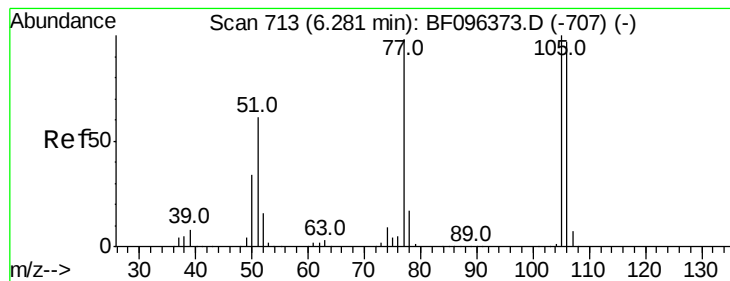
Tgt Ion:128 Resp: 392159

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	54.0	28.4	68.4



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





#9

Benzaldehyde

Concen: 24.80 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

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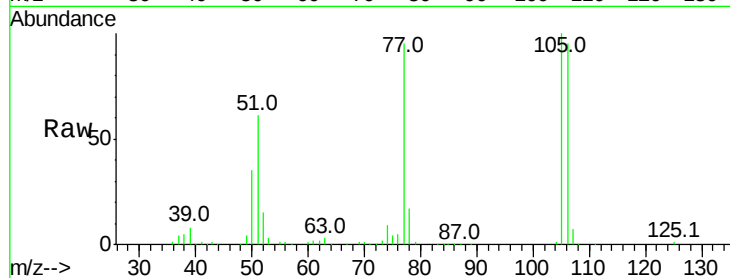
Tot Ion: 77 Resp: 184942

Ion Ratio Lower Upper

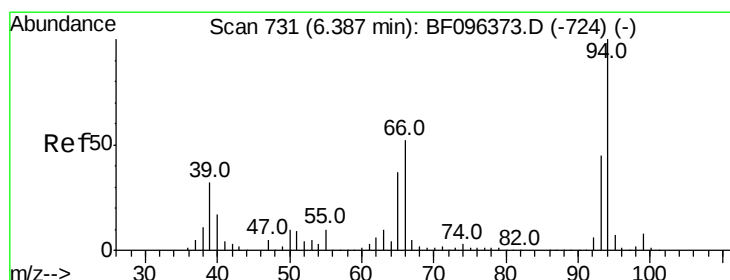
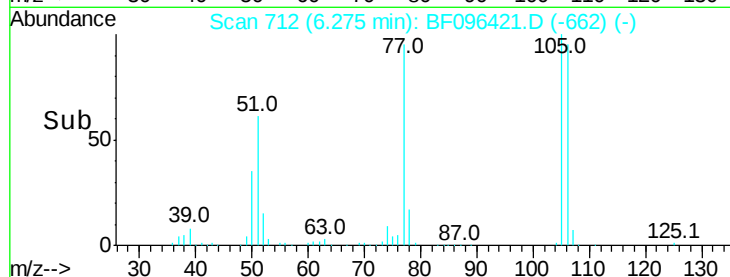
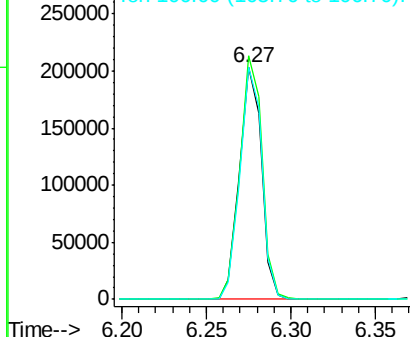
77 100

105 105.1 83.8 123.8

106 100.3 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: 36.83 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

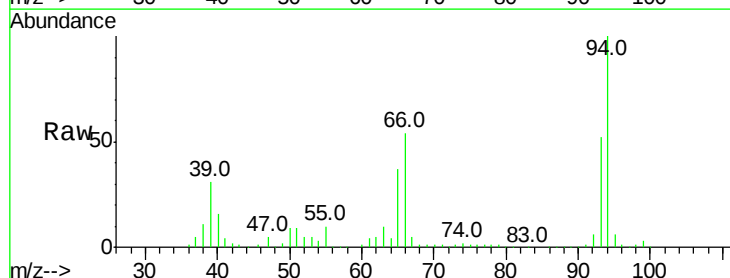
Tgt Ion: 94 Resp: 499937

Ion Ratio Lower Upper

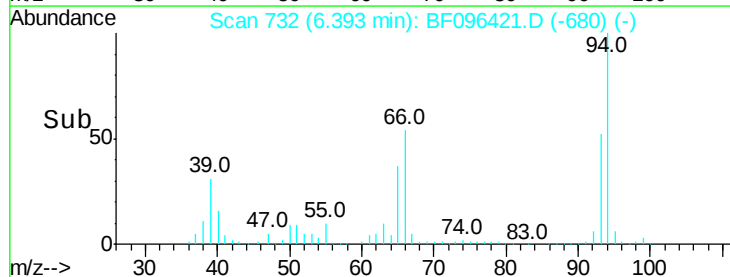
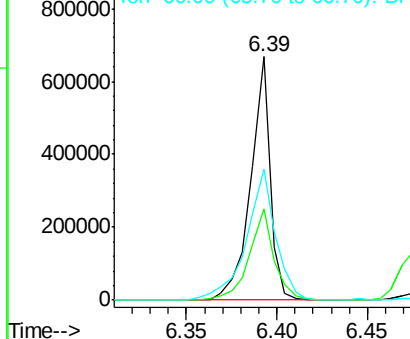
94 100

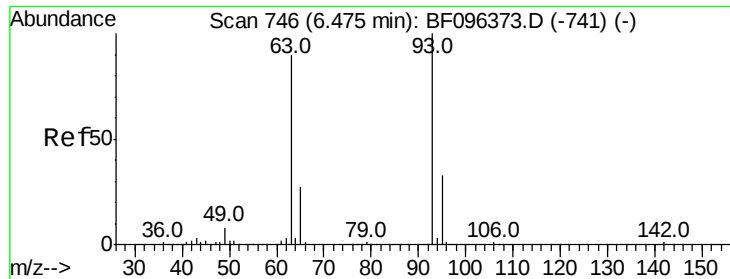
65 37.5 9.9 49.9

66 54.0 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

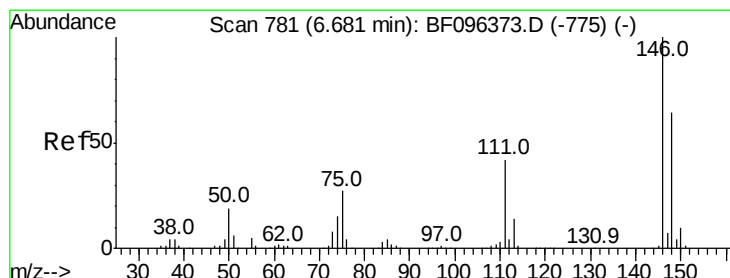
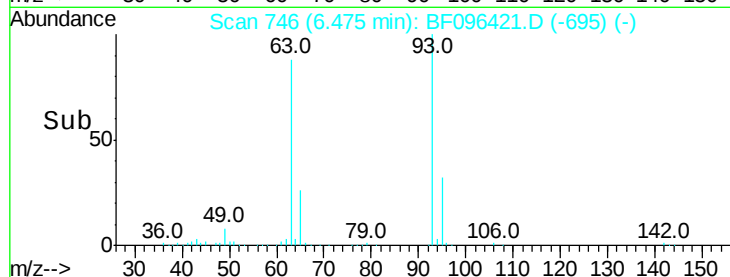
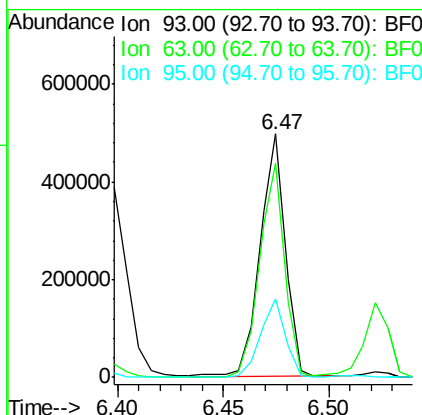
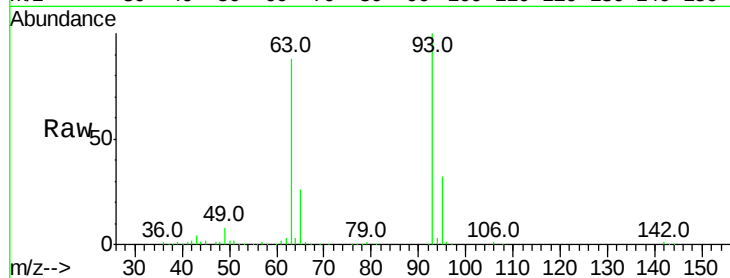




#11
bis(2-Chloroethyl)ether
Concen: 39.37 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

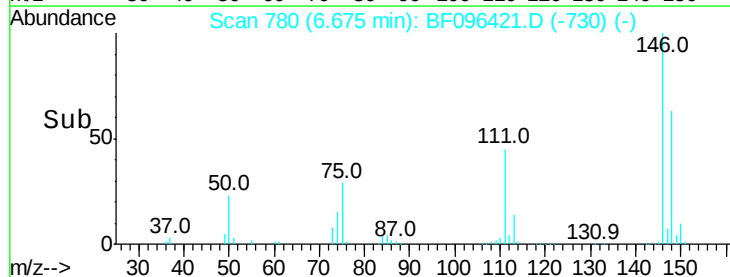
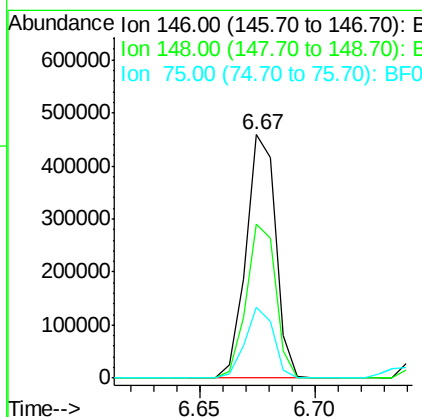
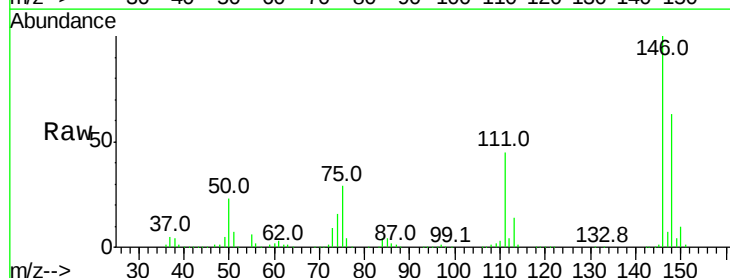
Instrument :
BNA_F
ClientSampleId :

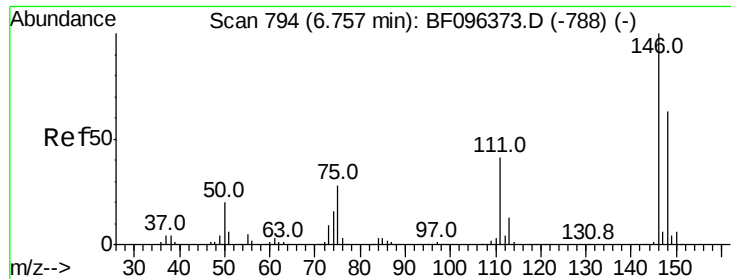
Tot Ion: 93 Resp: 412971
Ion Ratio Lower Upper
93 100
63 87.9 59.2 99.2
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.11 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Tgt Ion: 146 Resp: 413019
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.6
75 29.2 23.1 34.7

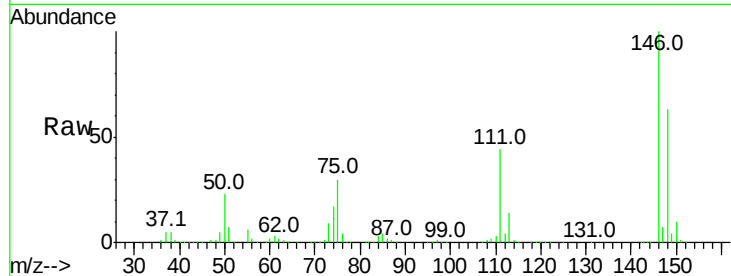




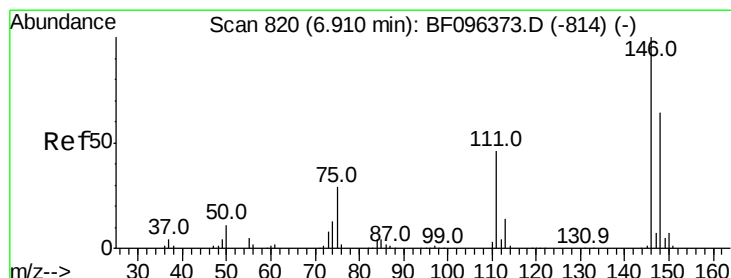
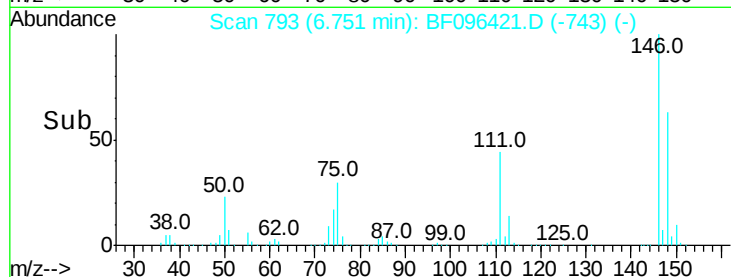
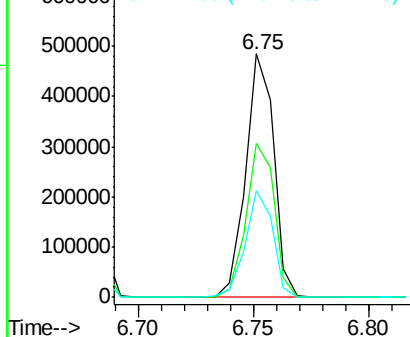
#13
 1,4-Dichlorobenzene
 Concen: 38.04 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 412004
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 43.8 30.3 45.5

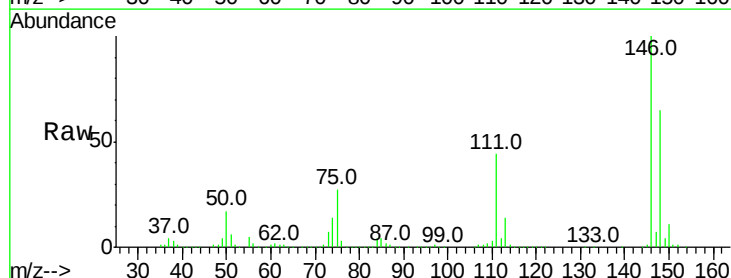


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

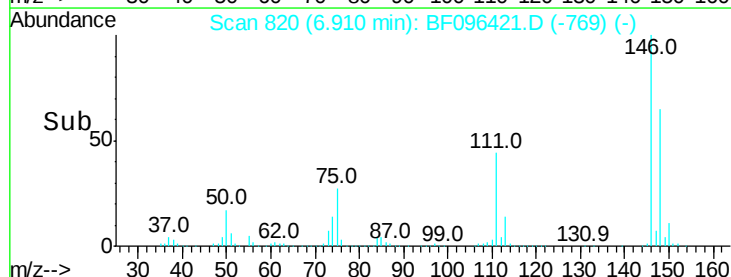
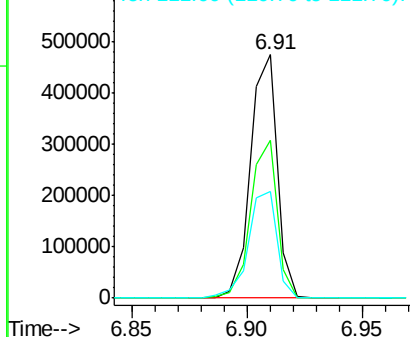


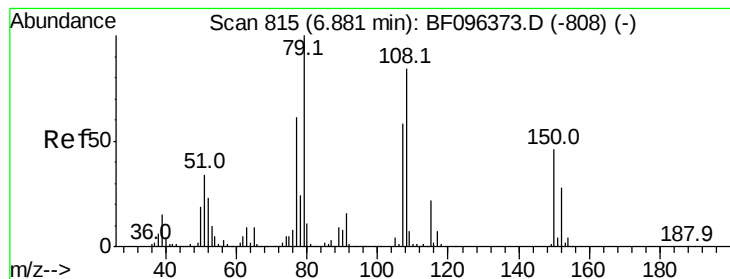
#14
 1,2-Dichlorobenzene
 Concen: 38.86 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion:146 Resp: 386485
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.4 75.6
 111 43.6 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 40.41 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :
BNA_F
ClientSampled :

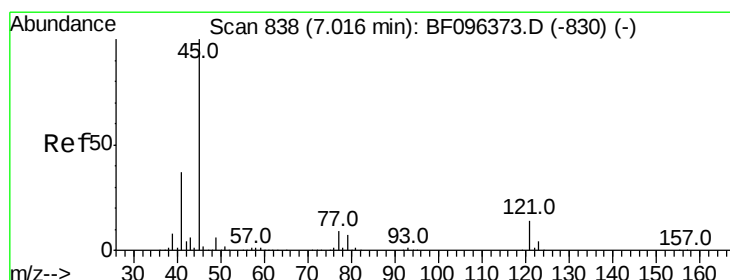
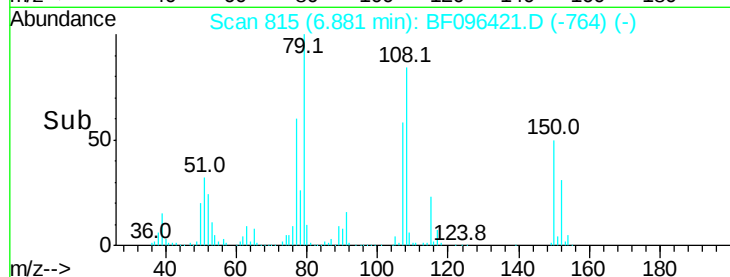
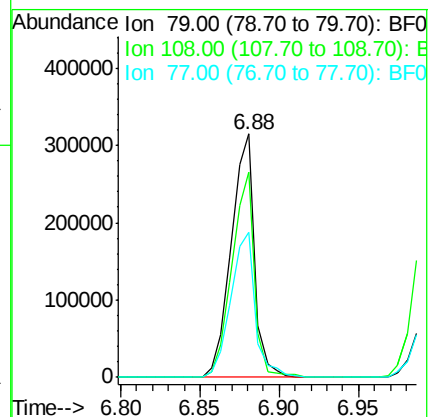
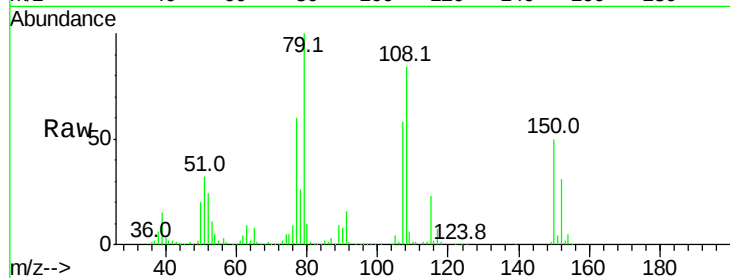
Tot Ion: 79 Resp: 321888

Ion Ratio Lower Upper

79 100

108 84.2 63.4 95.0

77 59.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.49 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

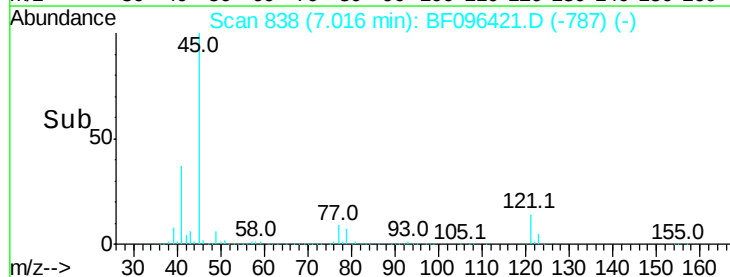
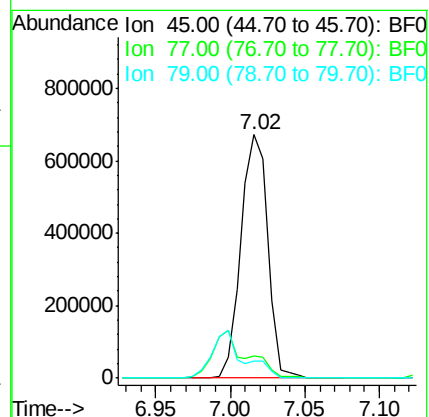
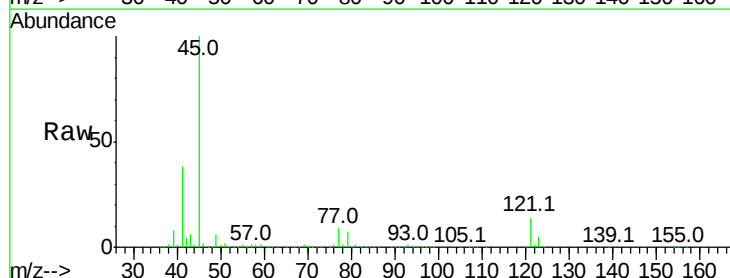
Tgt Ion: 45 Resp: 842180

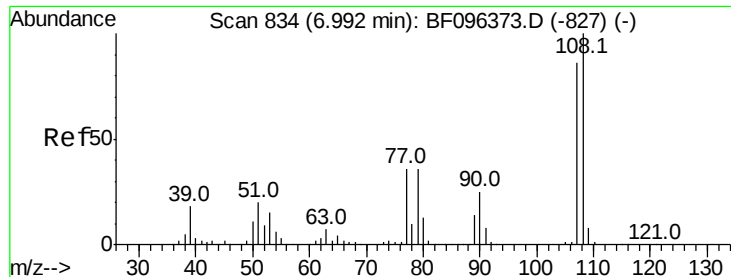
Ion Ratio Lower Upper

45 100

77 9.3 0.0 33.2

79 7.2 0.0 30.0





#17

2-Methylphenol

Concen: 38.98 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 321043

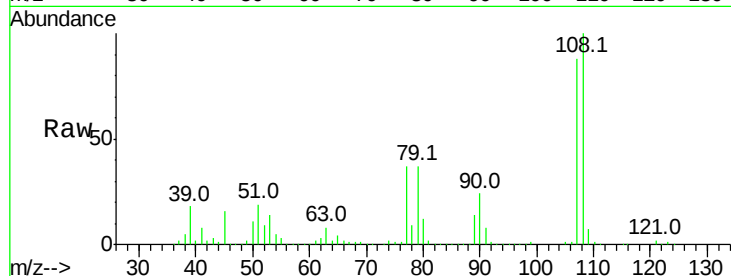
Ion Ratio Lower Upper

107 100

108 114.2 93.4 140.0

77 42.4 35.8 53.6

79 42.4 34.8 52.2

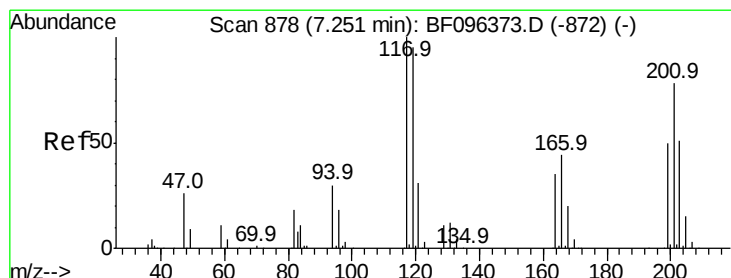
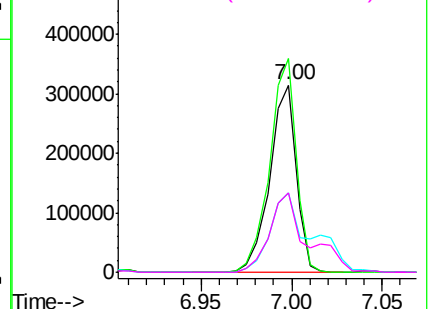
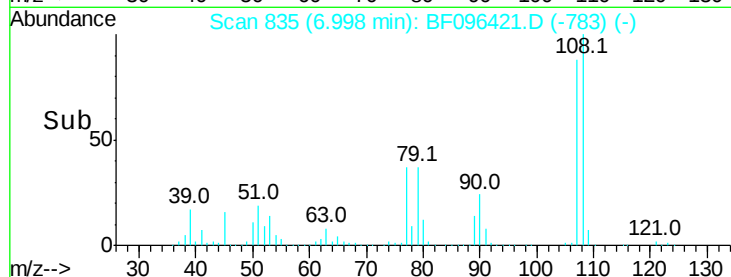


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.94 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

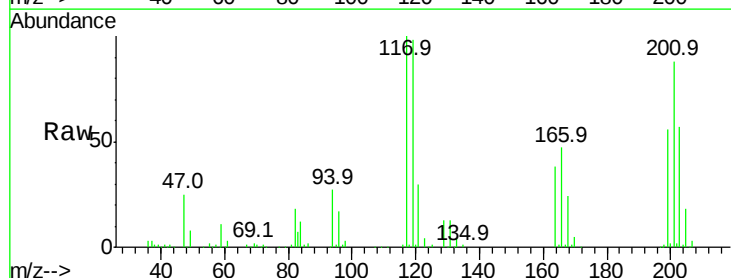
Tgt Ion:117 Resp: 125434

Ion Ratio Lower Upper

117 100

119 97.9 77.4 116.0

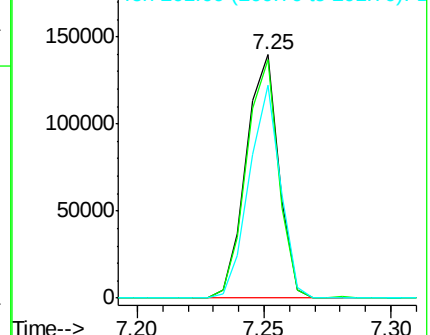
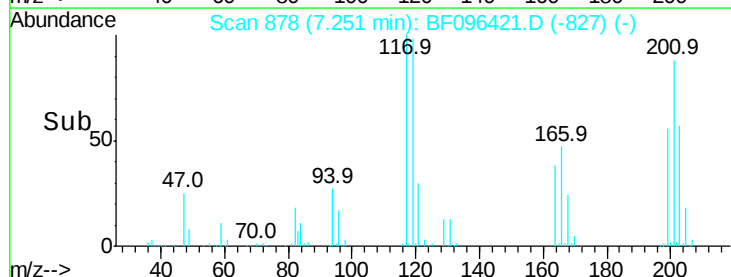
201 87.5 94.6 141.8#

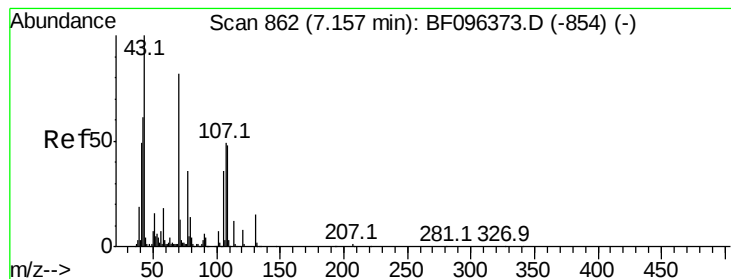


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.93 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 269209

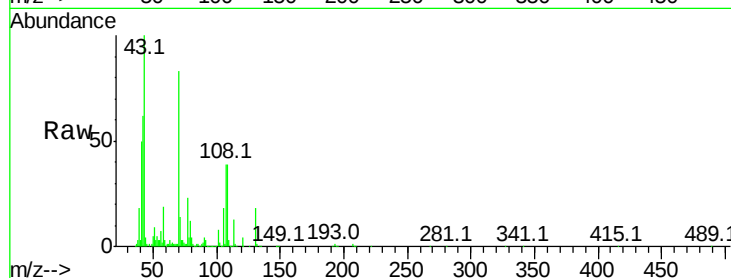
Ion Ratio Lower Upper

70 100

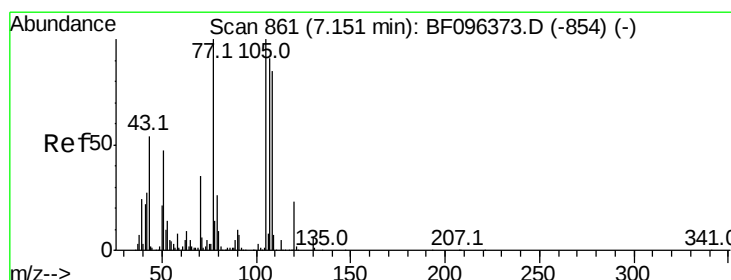
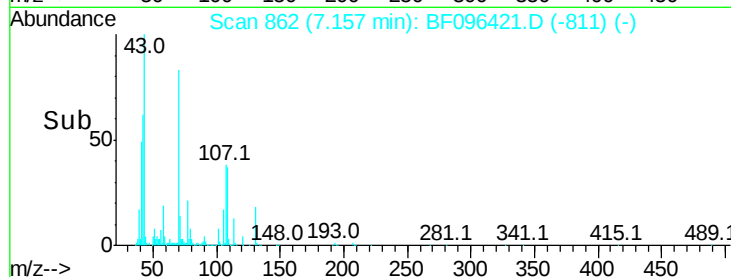
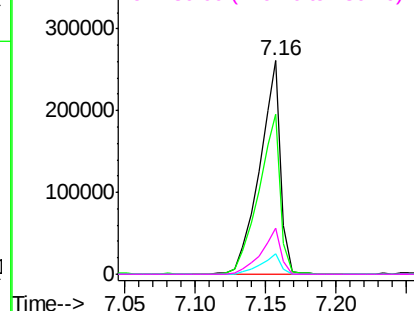
42 74.8 47.2 70.8#

101 9.6 7.2 10.8

130 21.6 15.9 23.9



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.06 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Tgt Ion: 107 Resp: 368039

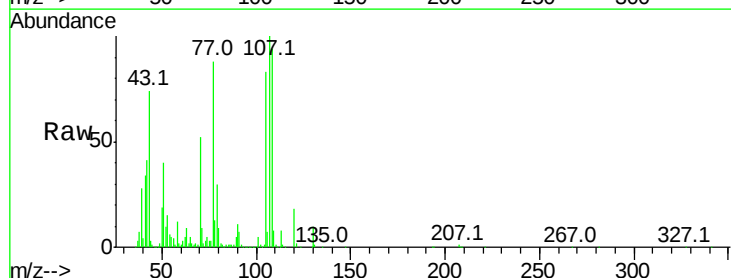
Ion Ratio Lower Upper

107 100

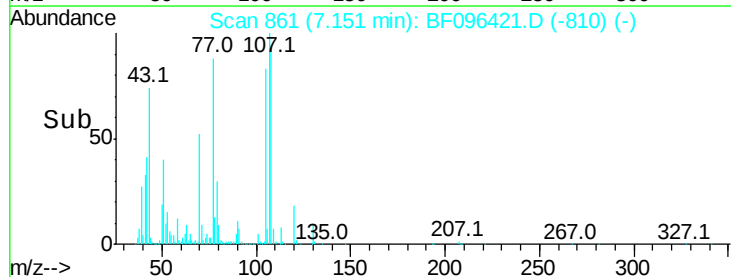
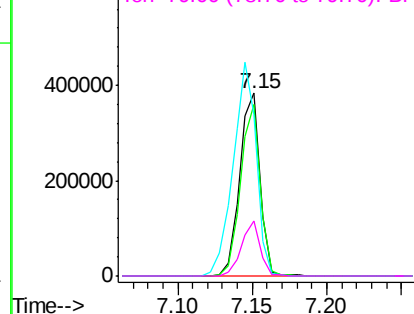
108 94.0 71.0 111.0

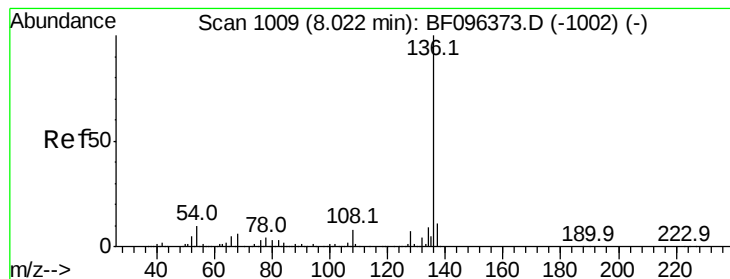
77 88.1 90.5 130.5#

79 29.8 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 540969

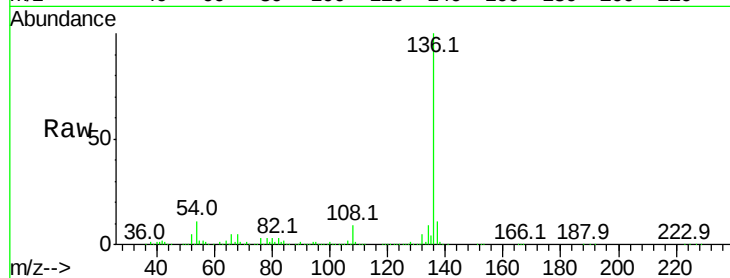
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.8 4.9 7.3#

68 5.4 4.1 6.1

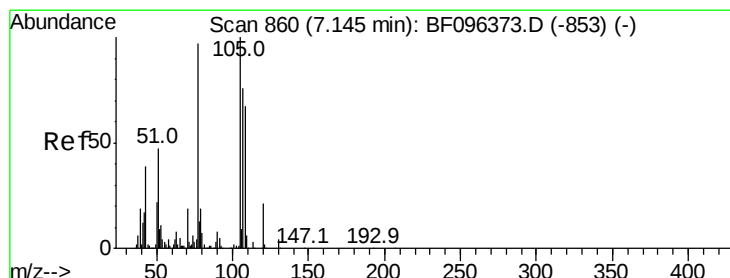
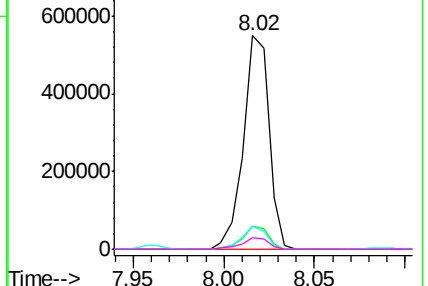
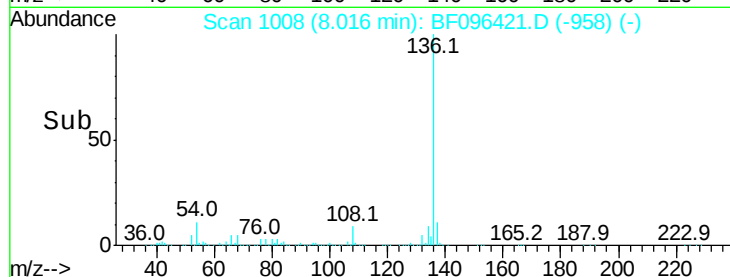


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.21 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Tgt Ion:105 Resp: 510725

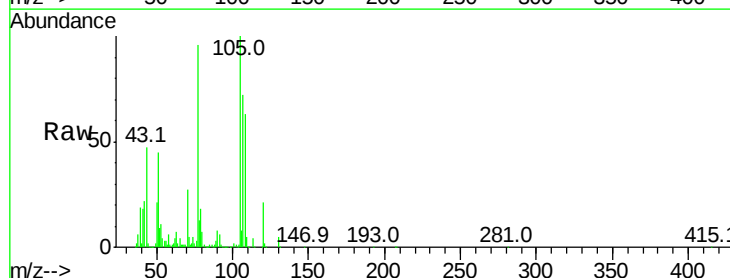
Ion Ratio Lower Upper

105 100

71 4.6 2.8 4.2#

51 44.7 30.7 46.1

120 21.3 17.4 26.0

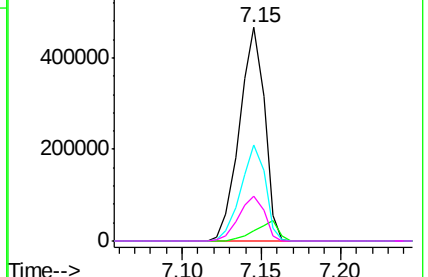
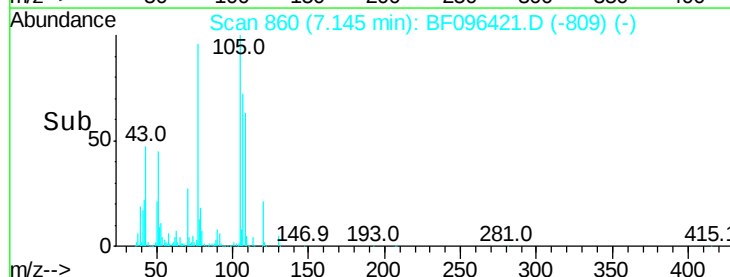


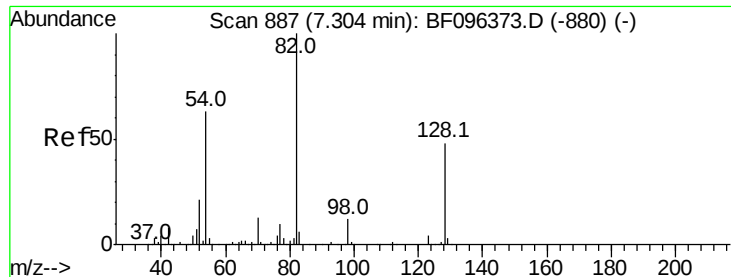
Abundance Ion 105.00 (104.70 to 105.70): E

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

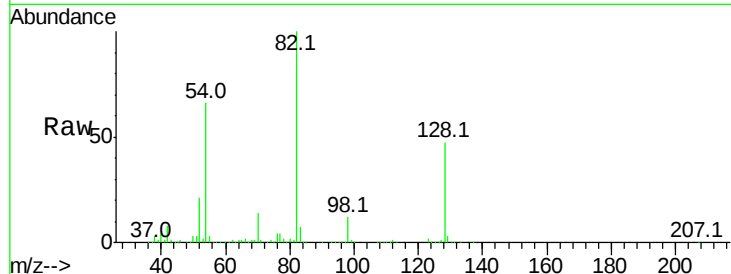




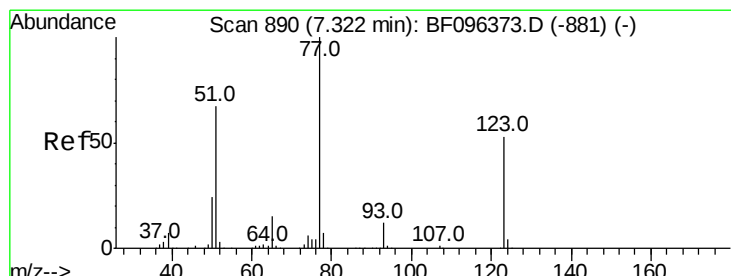
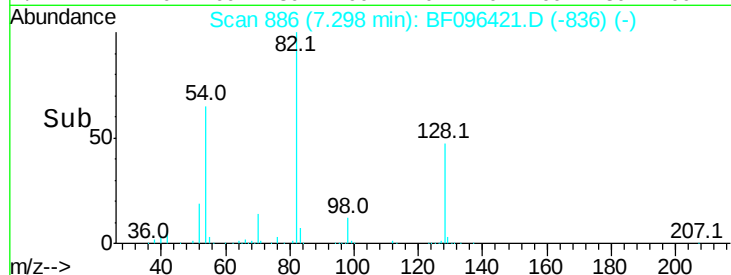
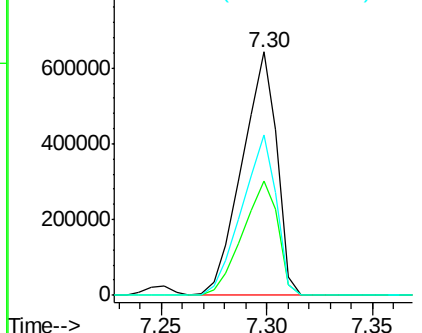
#23
 Nitrobenzene-d5
 Concen: 81.49 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 733654
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 65.8 42.2 63.2#

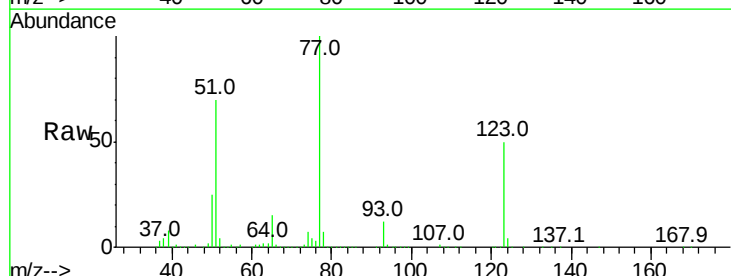


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

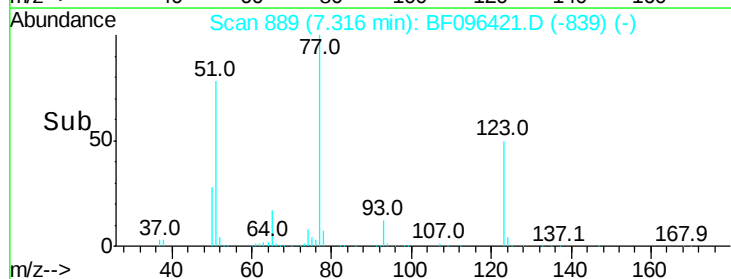
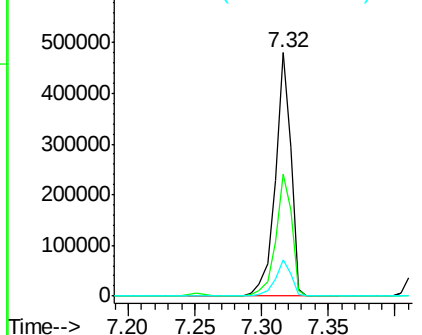


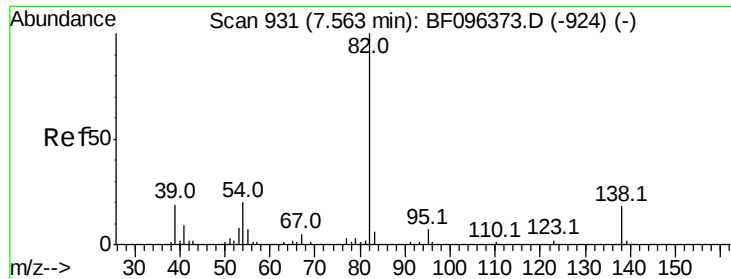
#24
 Nitrobenzene
 Concen: 41.78 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion: 77 Resp: 394536
 Ion Ratio Lower Upper
 77 100
 123 50.0 35.8 53.8
 65 14.7 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: 36.62 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

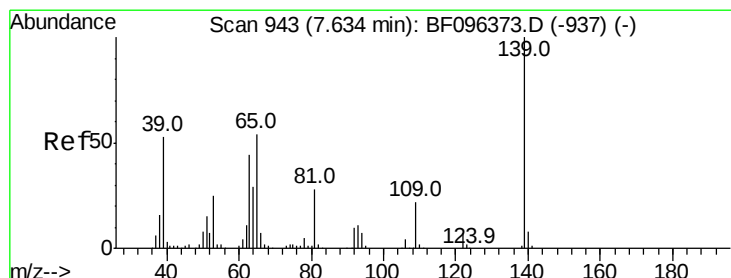
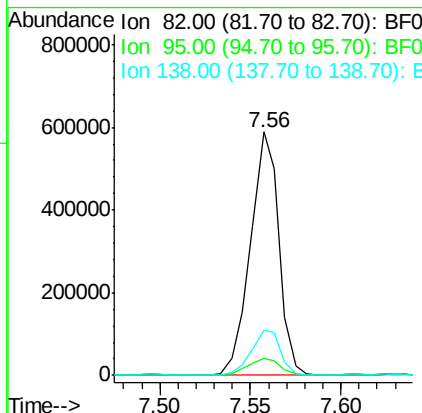
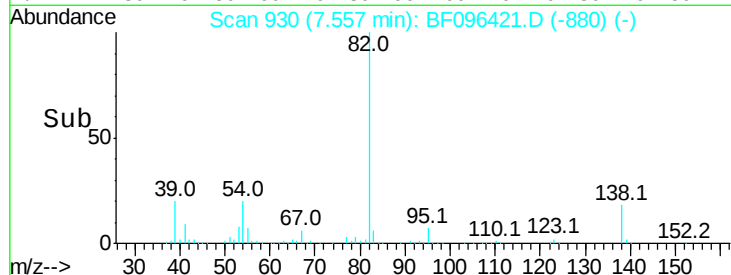
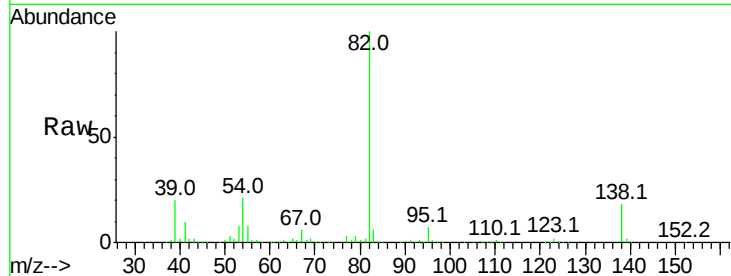
Tot Ion: 82 Resp: 639278

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 36.11 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

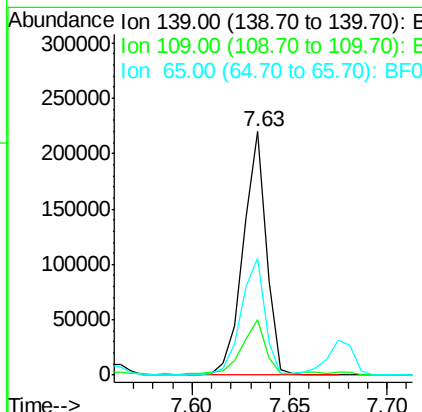
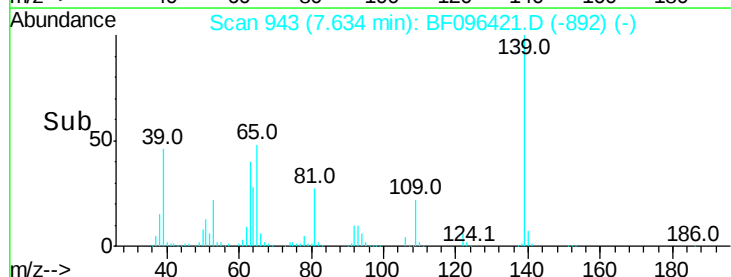
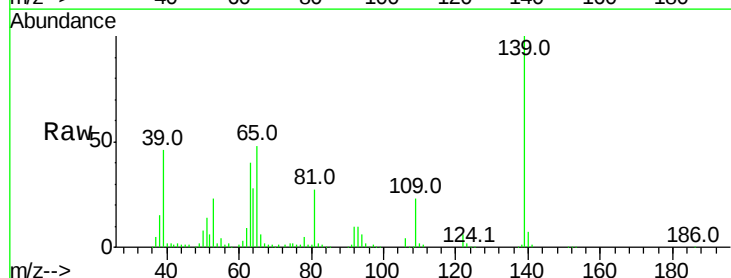
Tgt Ion:139 Resp: 180525

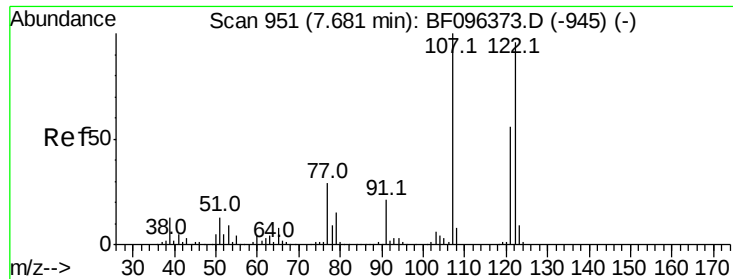
Ion Ratio Lower Upper

139 100

109 22.6 21.0 31.6

65 48.2 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 38.54 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampled :

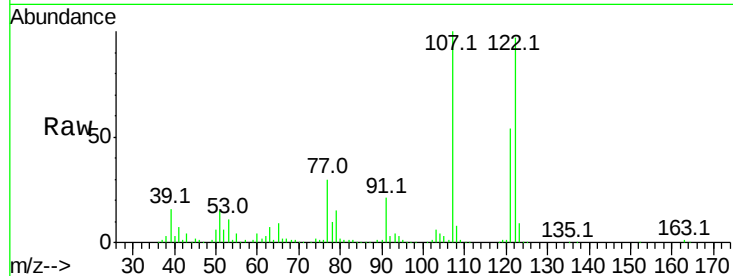
Tot Ion:122 Resp: 328039

Ion Ratio Lower Upper

122 100

107 103.3 89.2 133.8

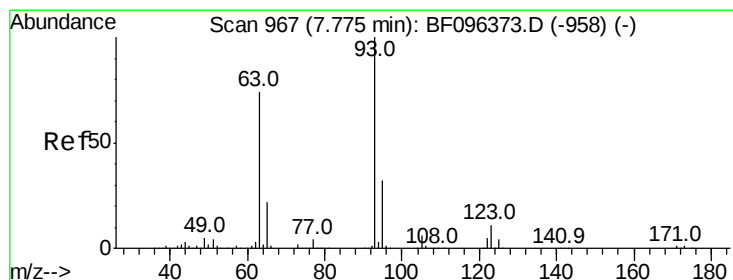
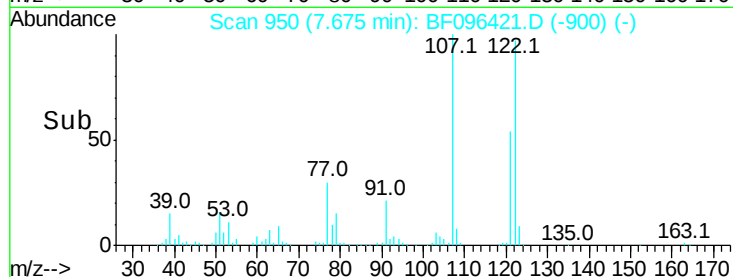
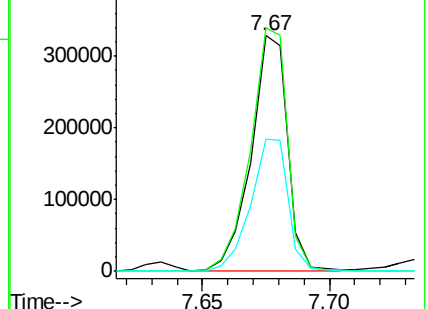
121 56.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.66 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

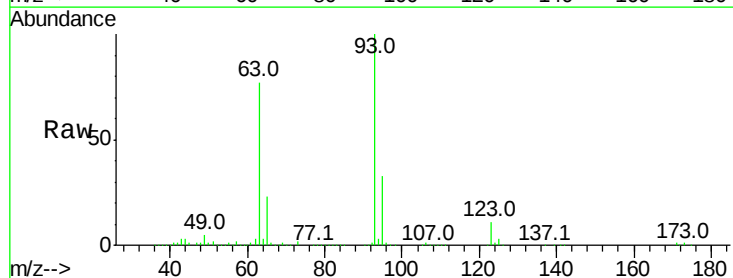
Tgt Ion: 93 Resp: 503067

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

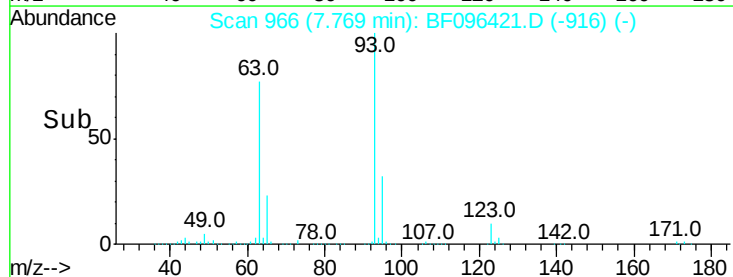
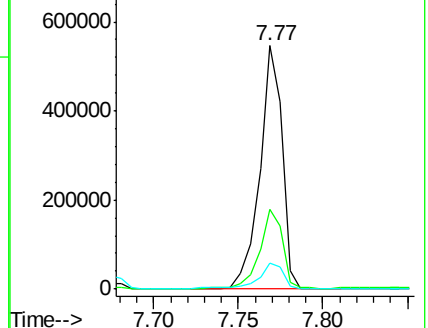
123 10.7 9.0 13.4

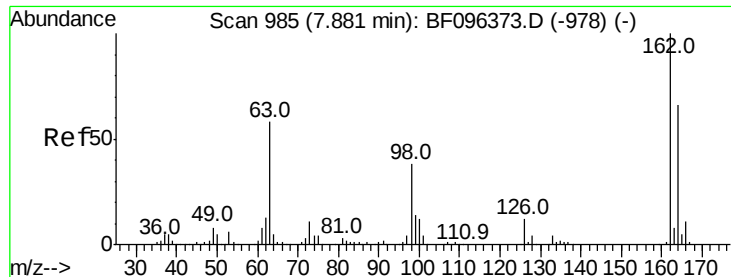


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

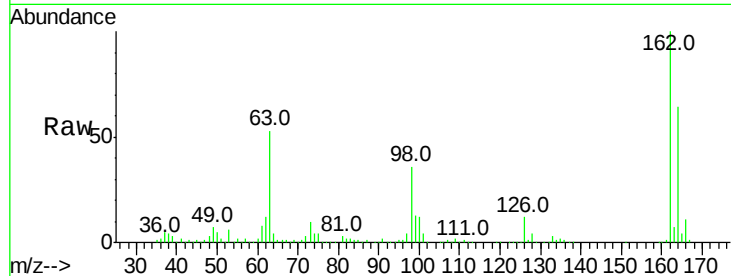




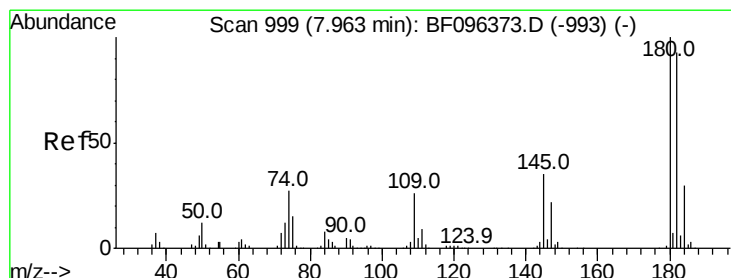
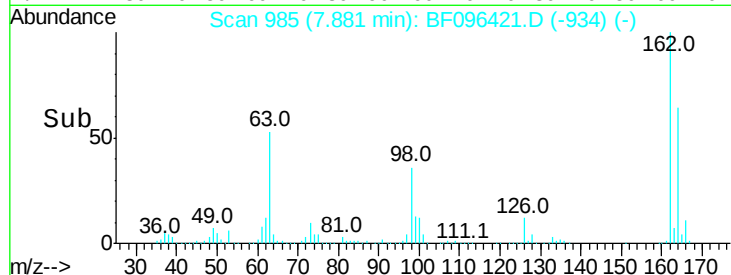
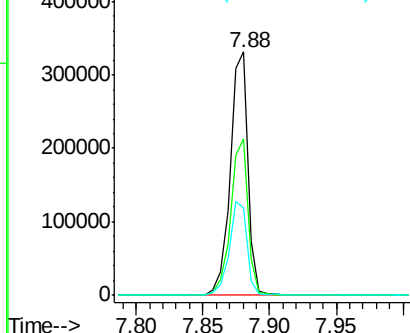
#29
 2,4-Dichlorophenol
 Concen: 42.48 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	35.9	14.8	54.8

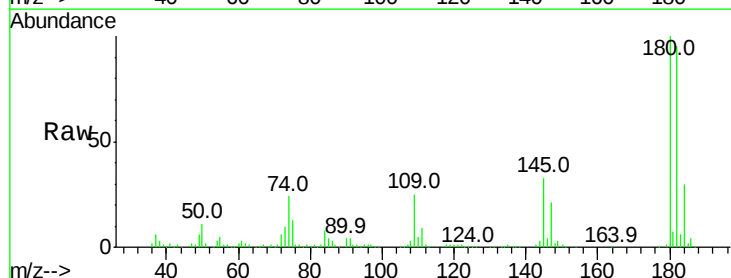


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

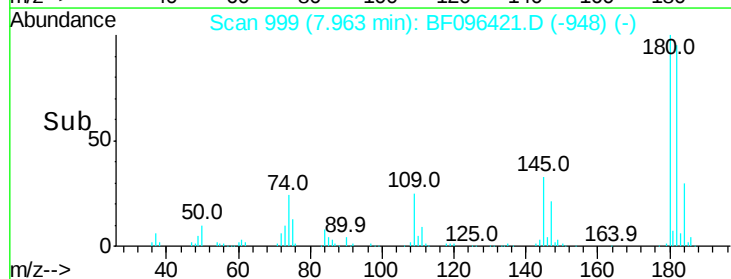
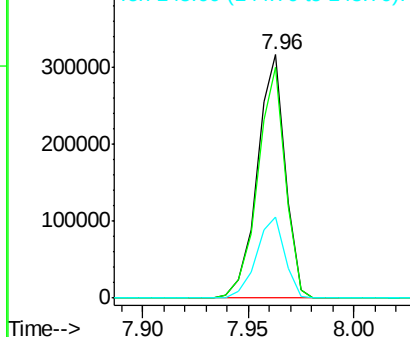


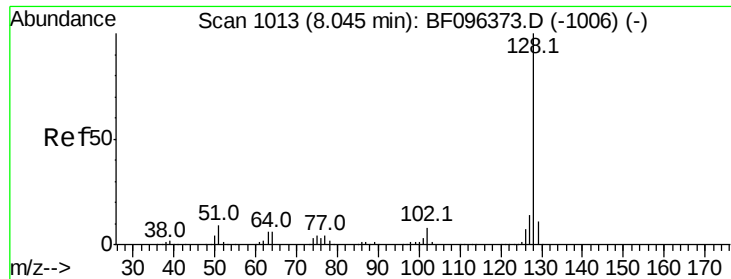
#30
 1,2,4-Trichlorobenzene
 Concen: 42.00 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	33.4	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

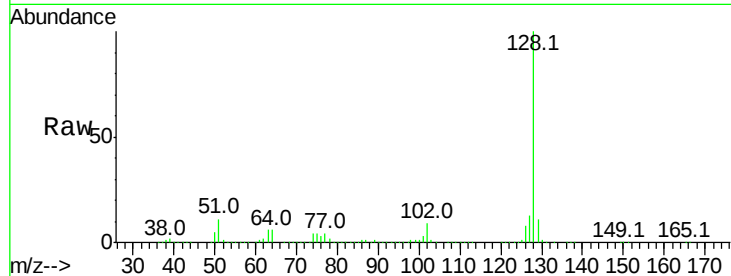




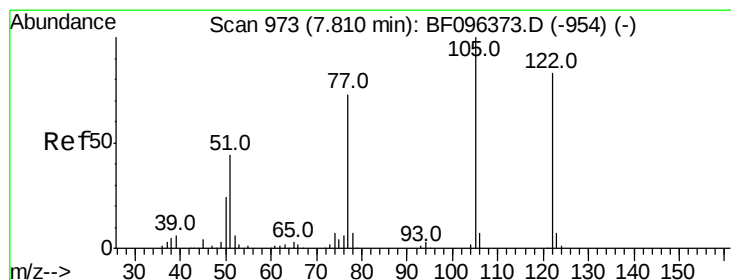
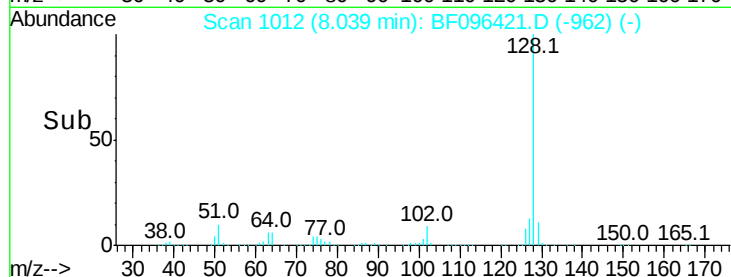
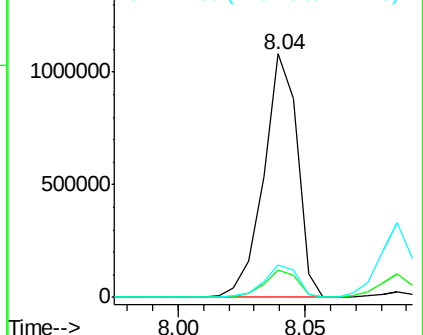
#31
Naphthalene
Concen: 38.99 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 995654
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.8 16.2

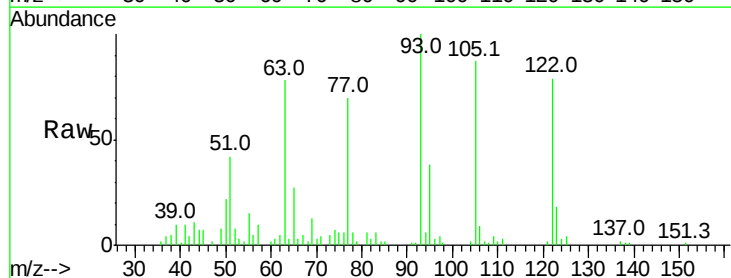


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

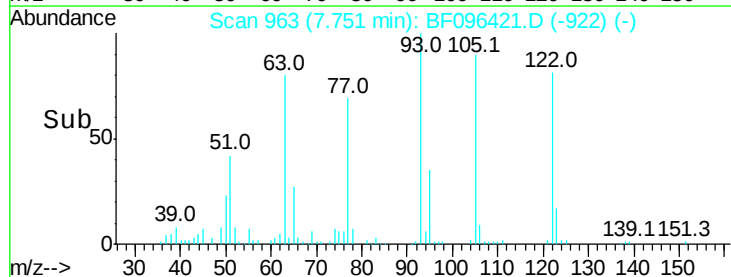
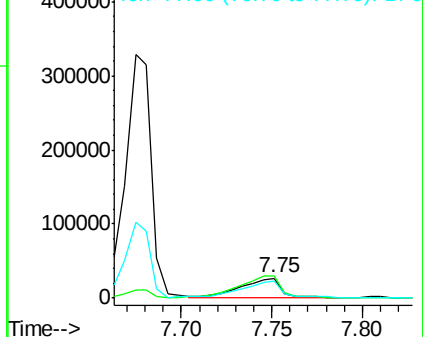


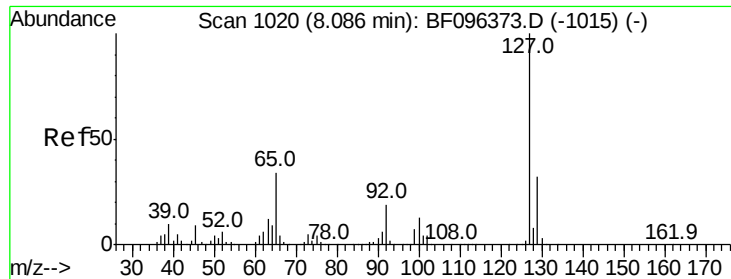
#32
Benzoic acid
Concen: 5.74 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.06 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Tgt Ion:122 Resp: 41029
Ion Ratio Lower Upper
122 100
105 110.5 103.3 143.3
77 87.9 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

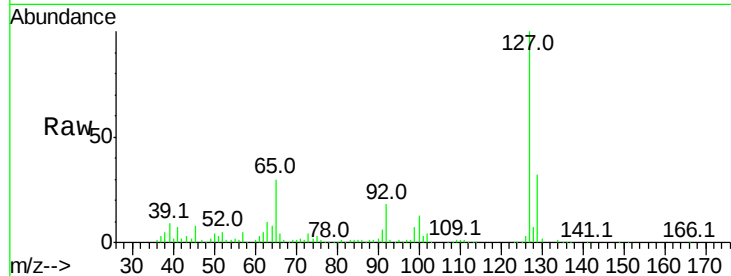




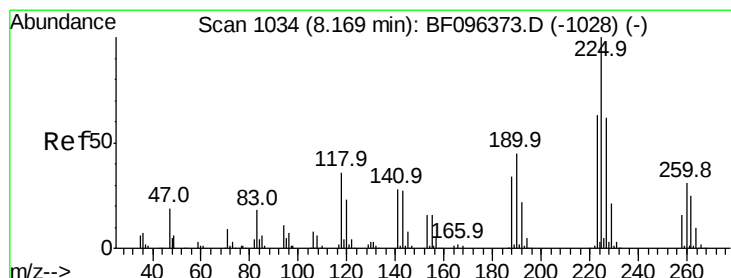
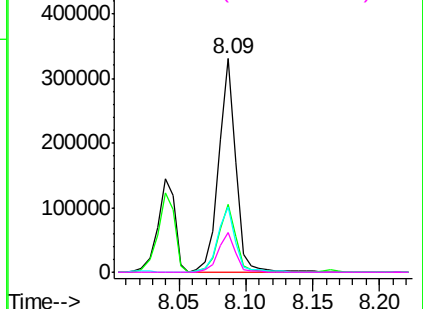
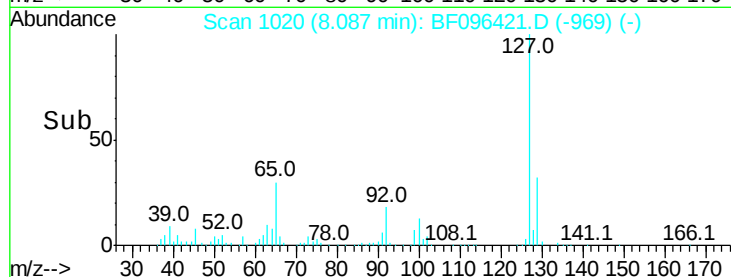
#33
4-Chloroaniline
Concen: 28.04 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	297465
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	30.4	27.8	41.8
92	18.3	16.8	25.2

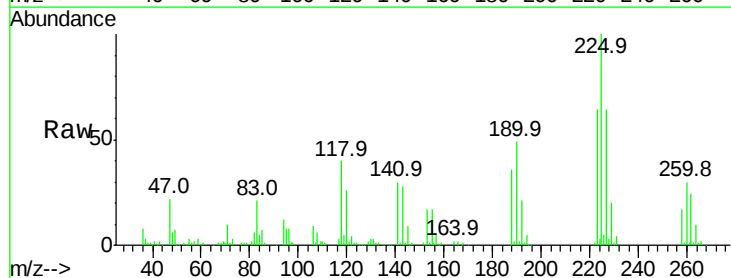


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

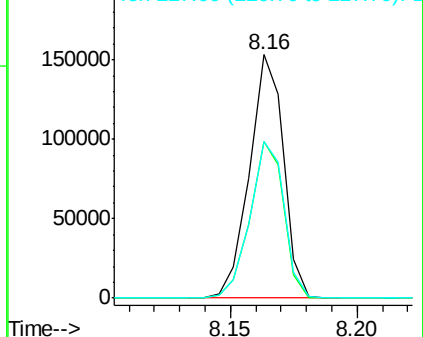
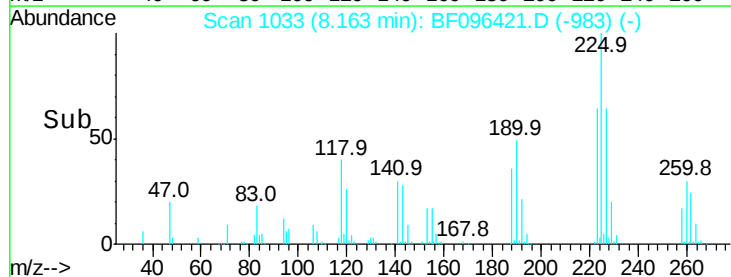


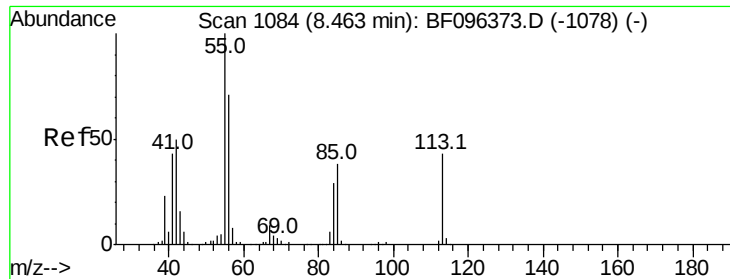
#34
Hexachlorobutadiene
Concen: 40.19 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Tgt Ion:	225	Resp:	142786
Ion	Ratio	Lower	Upper
225	100		
223	64.3	48.8	73.2
227	64.4	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.56 ng

RT: 8.45 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampled :

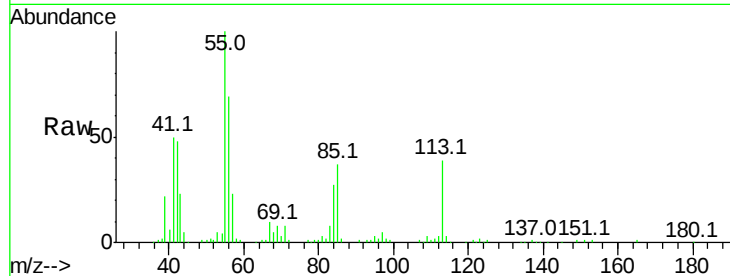
Tot Ion:113 Resp: 69781

Ion Ratio Lower Upper

113 100

55 254.2 150.2 190.2#

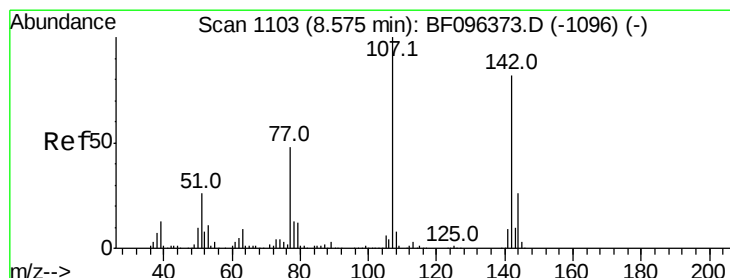
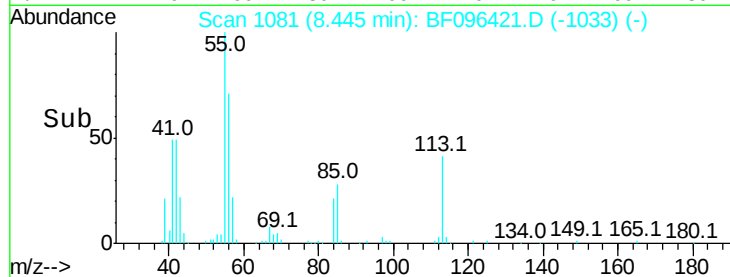
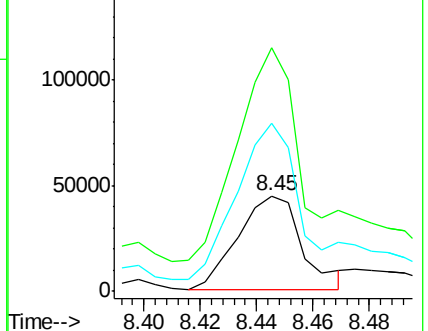
56 176.1 107.8 147.8#



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: 35.61 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

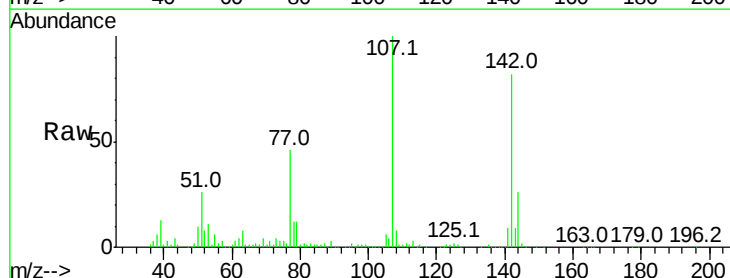
Tgt Ion:107 Resp: 289387

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

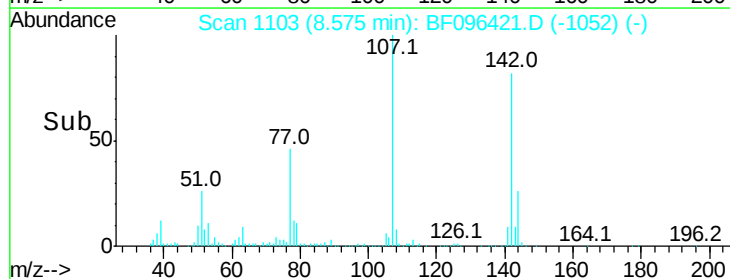
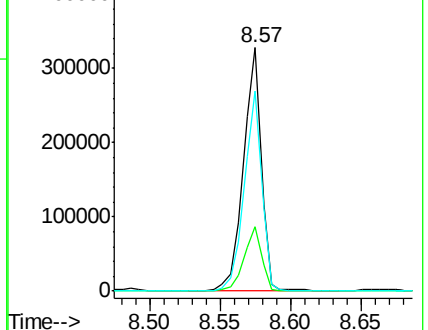
142 82.1 73.4 110.0

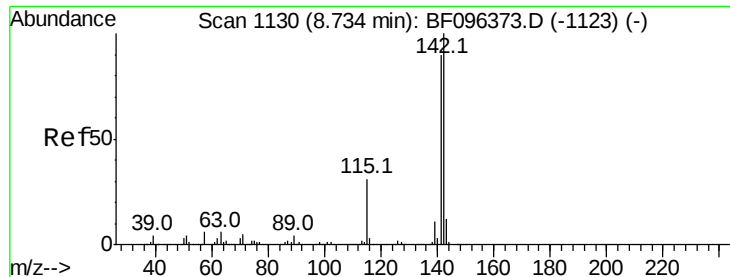


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

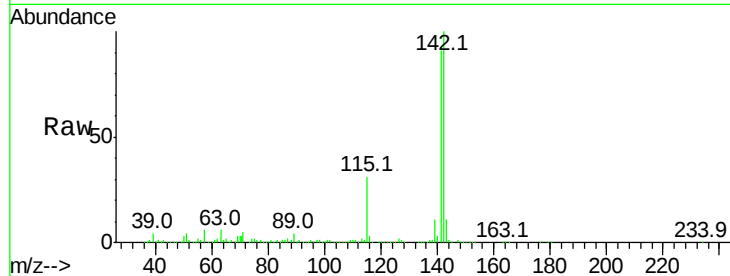




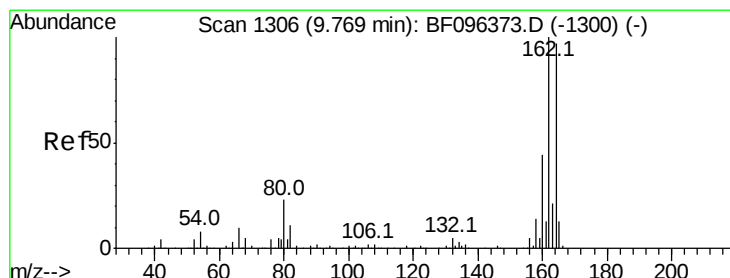
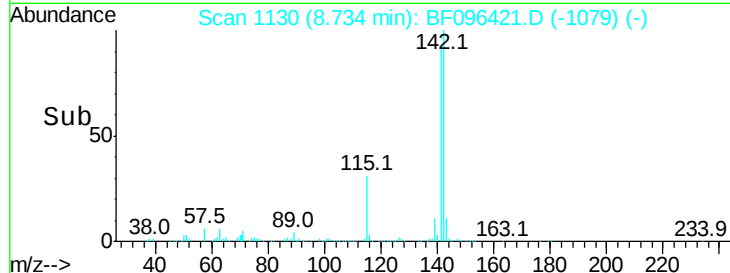
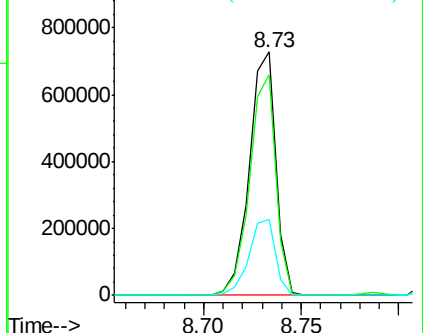
#37
2-Methylnaphthalene
Concen: 42.11 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 684631
Ion Ratio Lower Upper
142 100
141 90.6 71.3 106.9
115 31.1 27.1 40.7

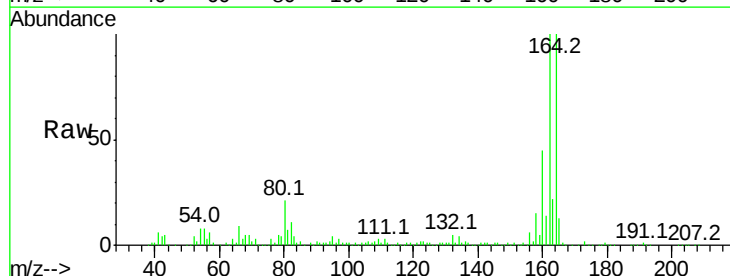


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

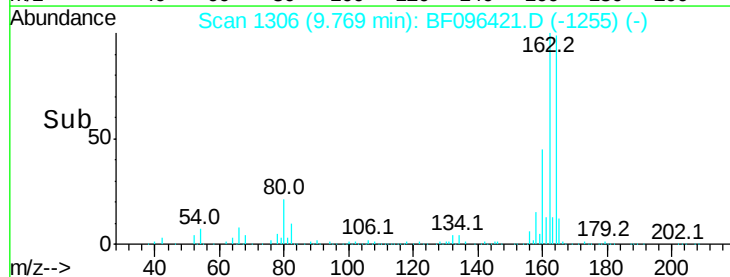
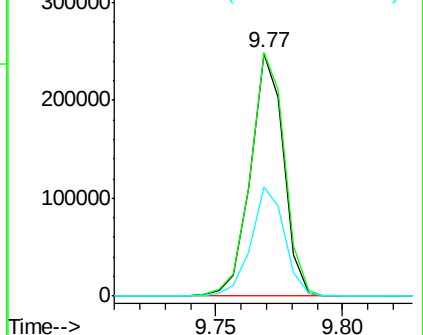


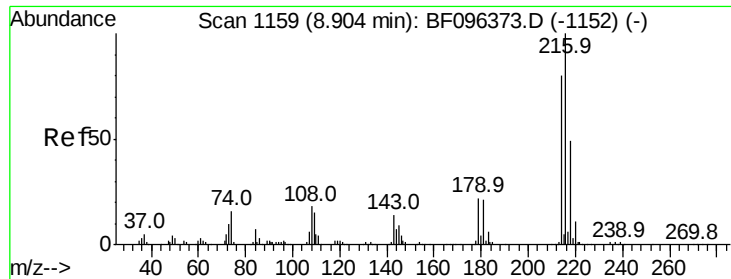
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Tgt Ion:164 Resp: 224549
Ion Ratio Lower Upper
164 100
162 100.3 82.6 123.8
160 44.8 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: 40.81 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 237929

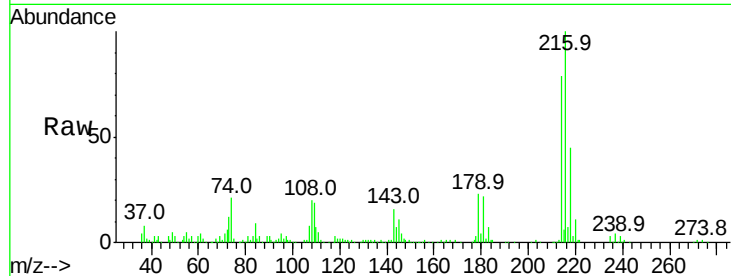
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 23.2 17.9 26.9

108 21.1 16.5 24.7

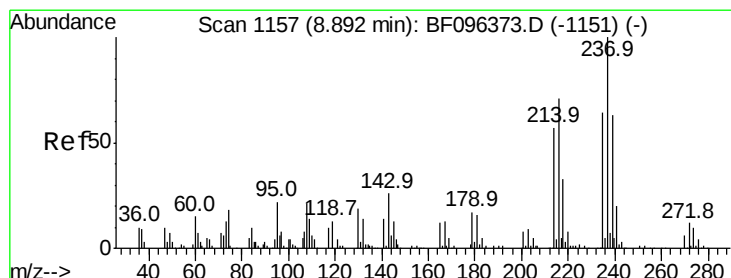
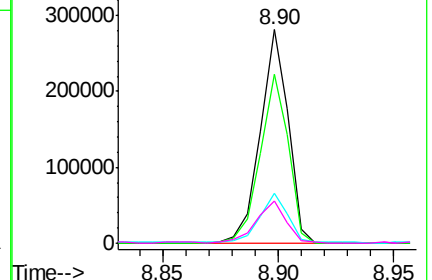
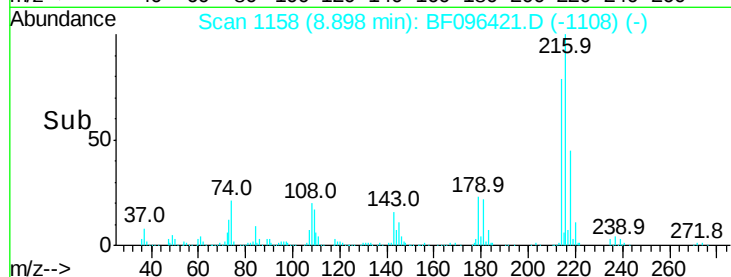


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.27 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

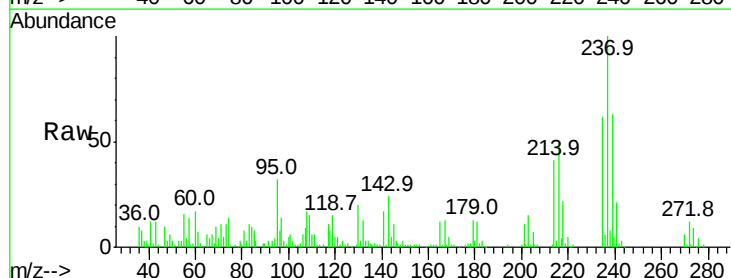
Tgt Ion:237 Resp: 74471

Ion Ratio Lower Upper

237 100

235 61.6 42.6 82.6

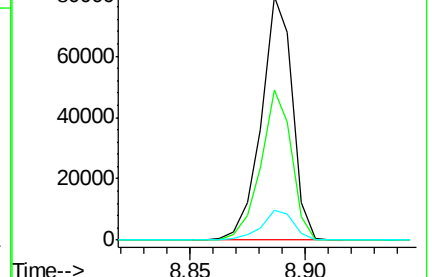
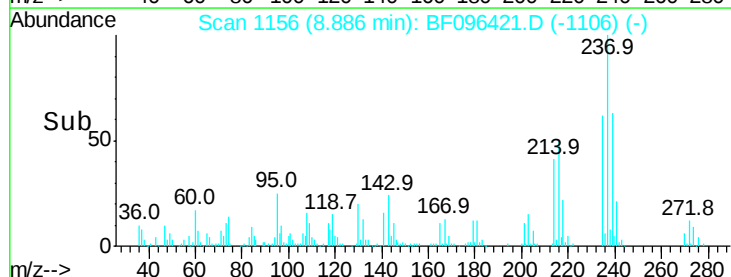
272 12.0 0.0 31.9

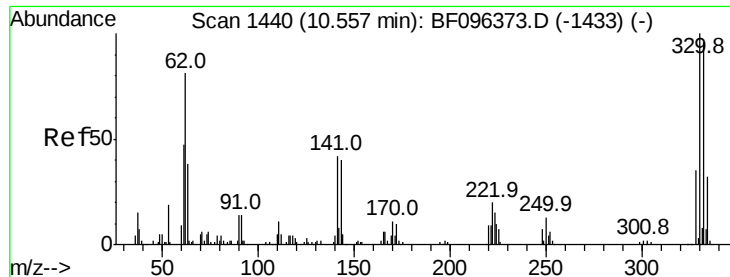


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

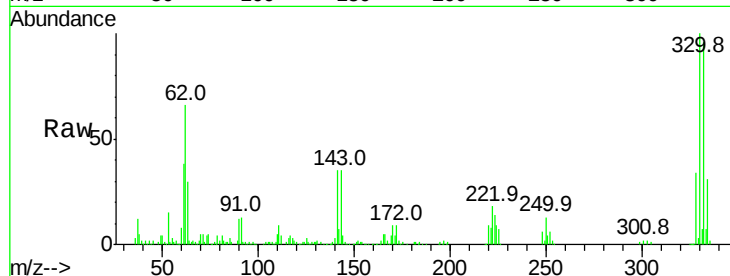




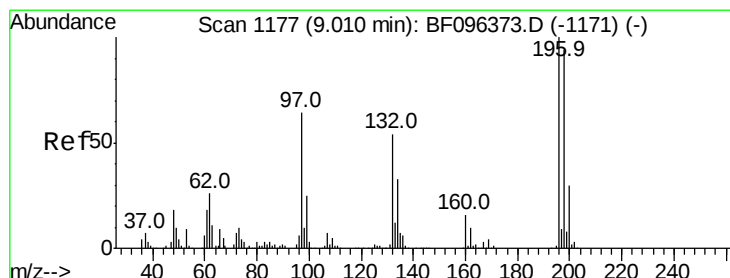
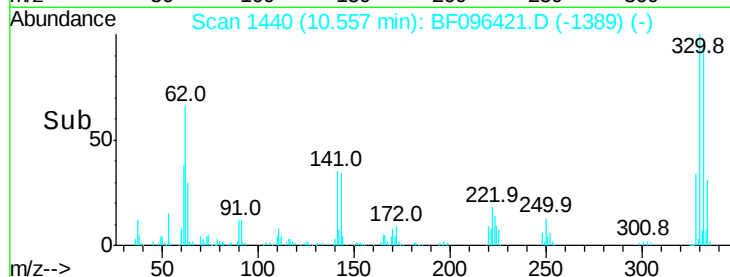
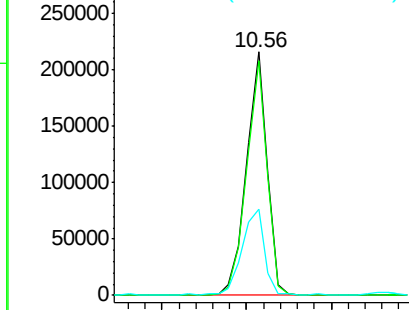
#41
 2,4,6-Tribromophenol
 Concen: 105.99 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 185911
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 37.5 31.4 47.2

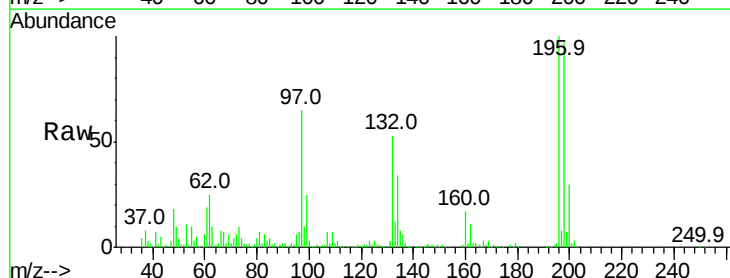


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

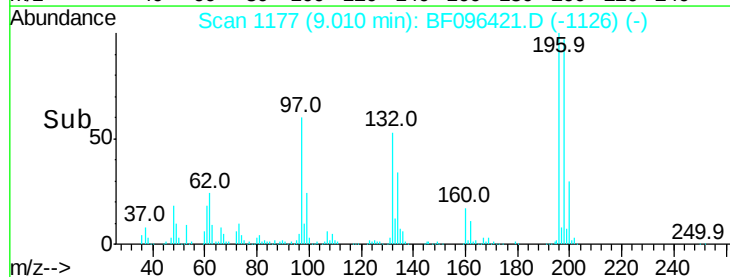
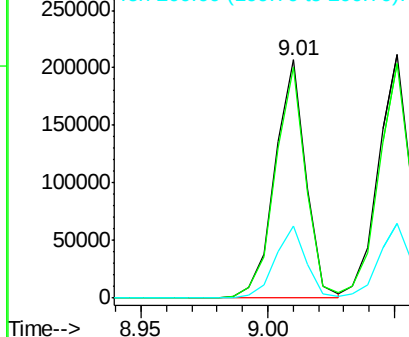


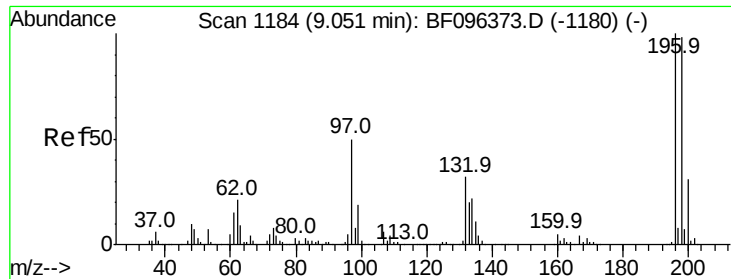
#42
 2,4,6-Trichlorophenol
 Concen: 38.37 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion:196 Resp: 176976
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.2 111.4
 200 30.3 24.0 36.0



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

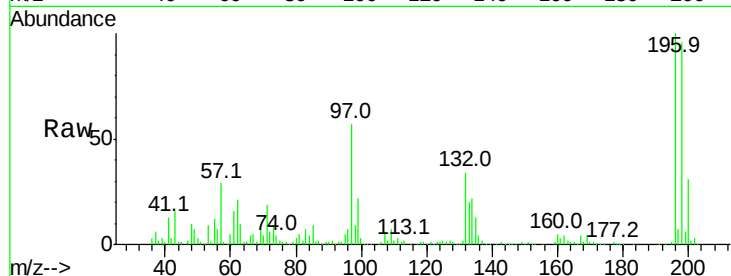




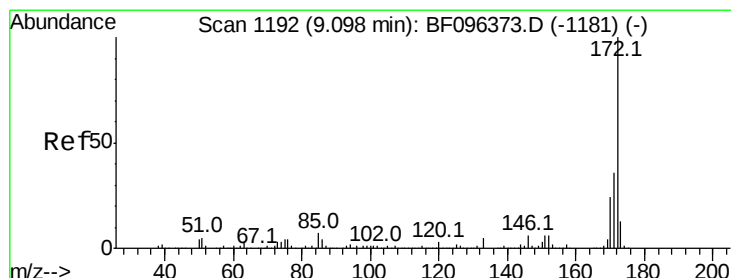
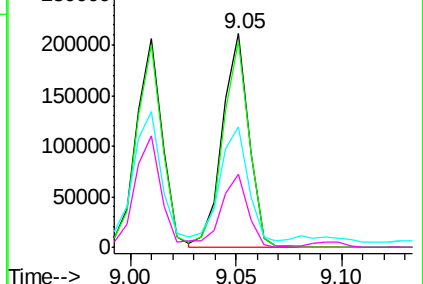
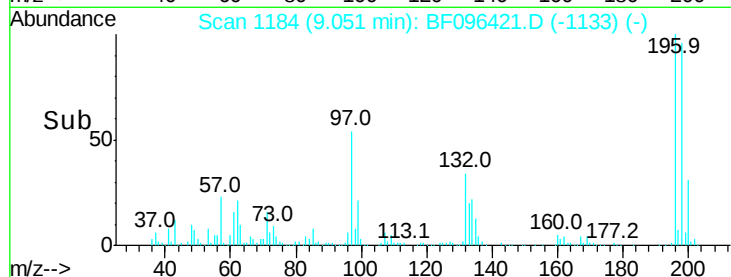
#43
 2,4,5-Trichlorophenol
 Concen: 40.20 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 183335
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 97 56.5 47.7 71.5
 132 34.2 28.0 42.0

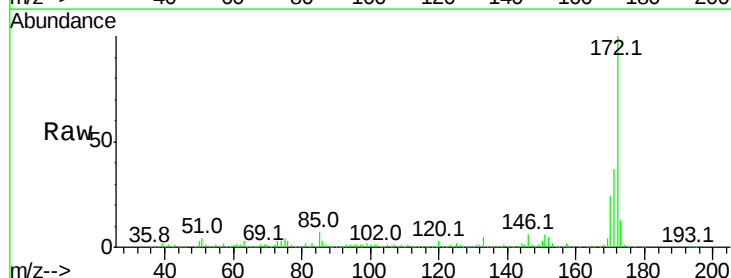


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

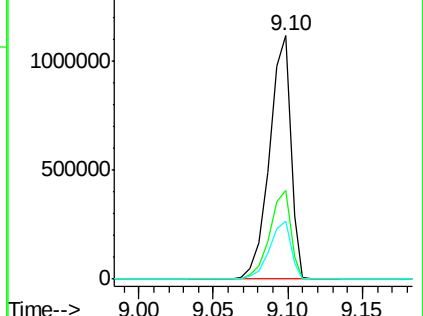
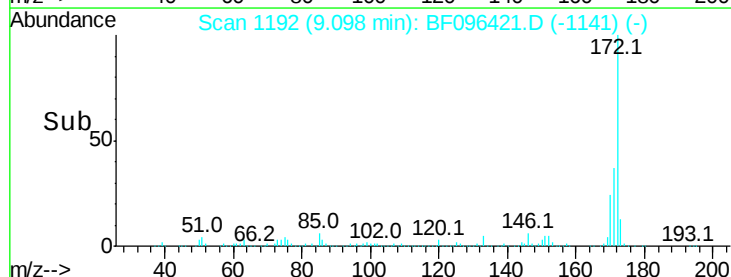


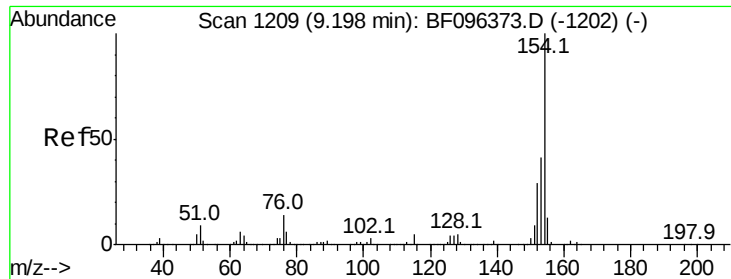
#44
 2-Fluorobiphenyl
 Concen: 83.57 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion:172 Resp: 1097576
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.1 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

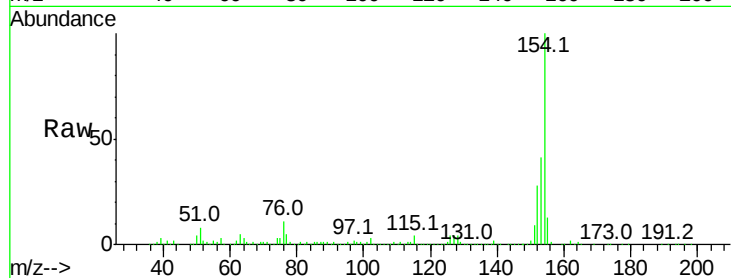




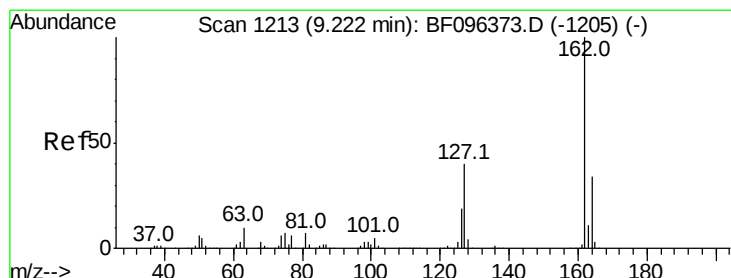
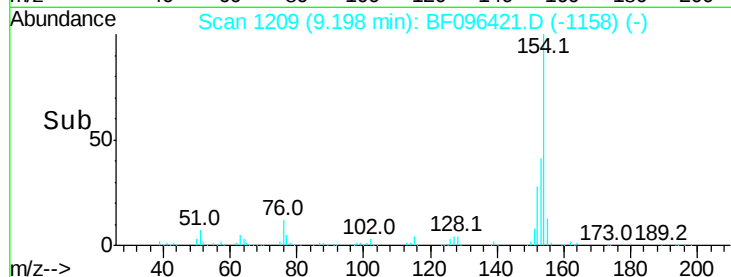
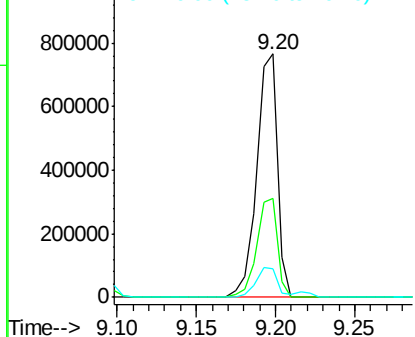
#45
 1,1'-Biphenyl
 Concen: 36.25 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	11.5	0.0	29.9

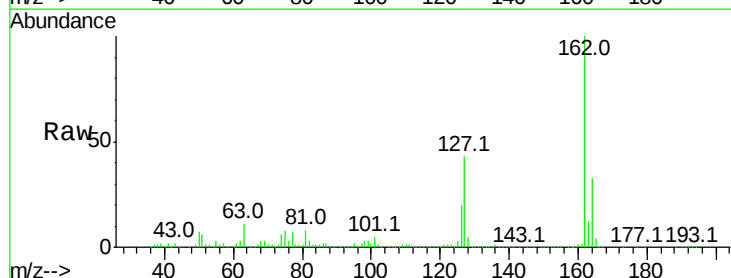


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

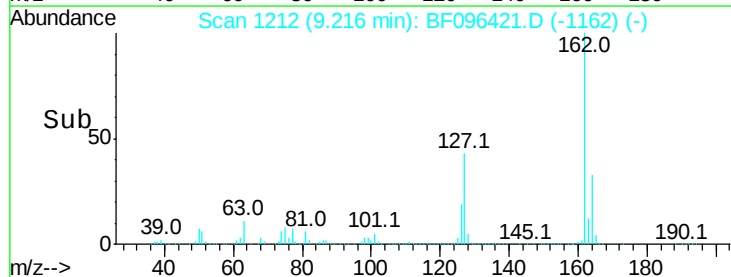
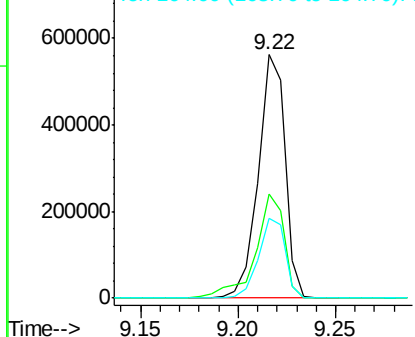


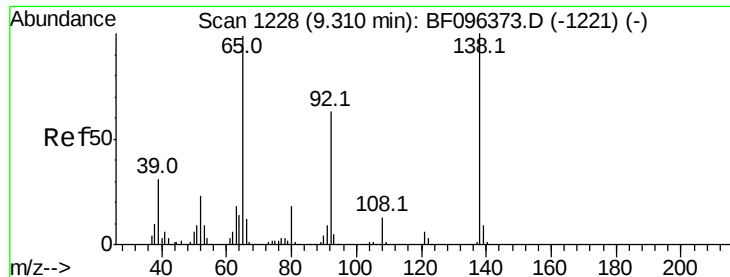
#46
 2-Chloronaphthalene
 Concen: 37.29 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.0	28.3	42.5#
164	32.5	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

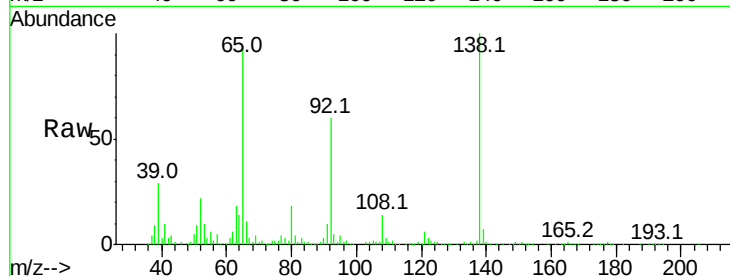




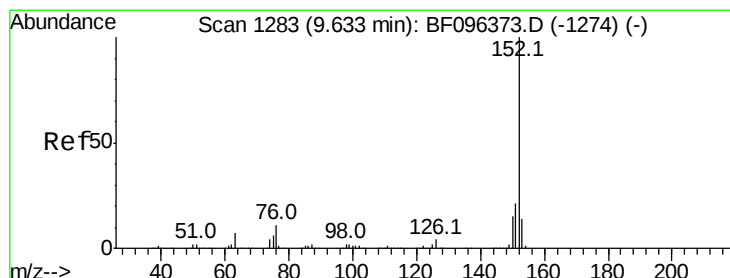
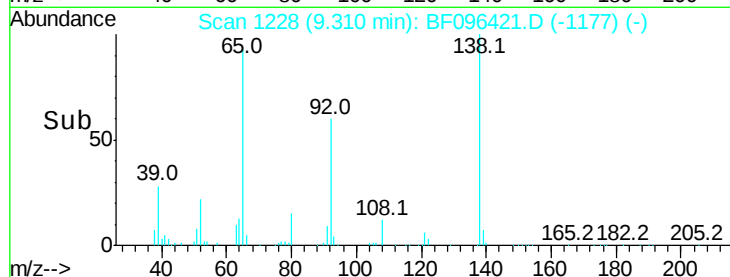
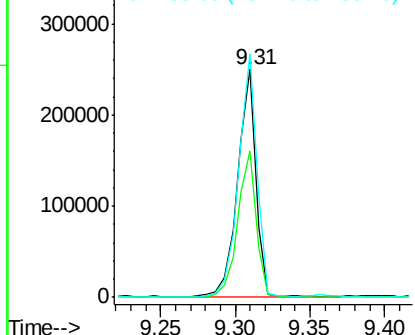
#47
2-Nitroaniline
Concen: 40.81 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 212909
Ion Ratio Lower Upper
65 100
92 64.2 53.9 80.9
138 106.7 78.8 118.2

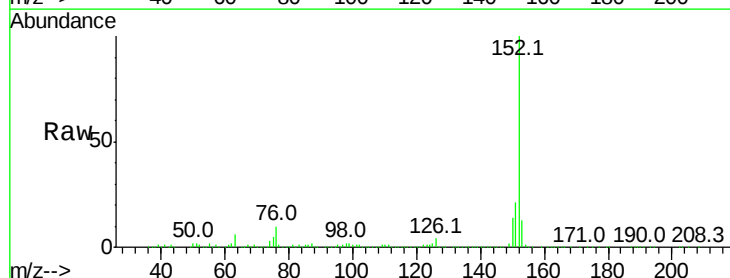


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

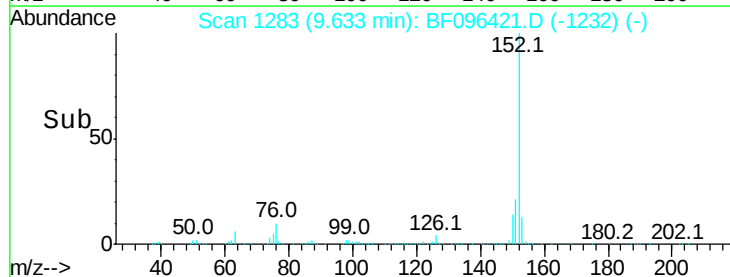
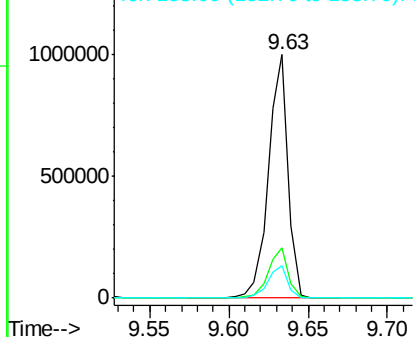


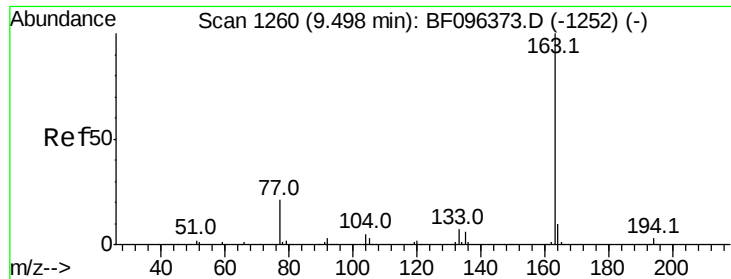
#48
Acenaphthylene
Concen: 38.06 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Tgt Ion: 152 Resp: 864715
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

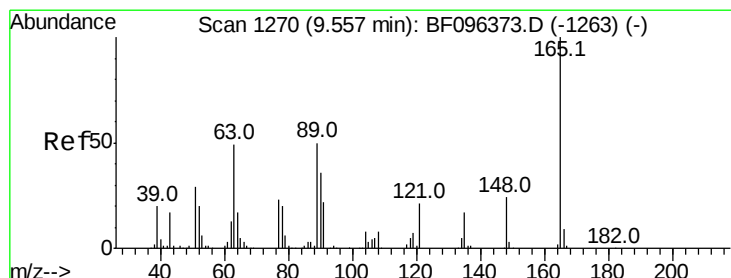
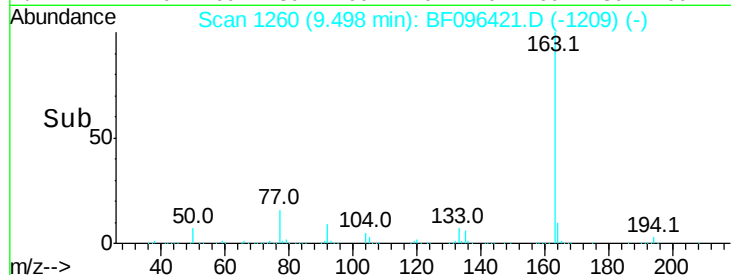
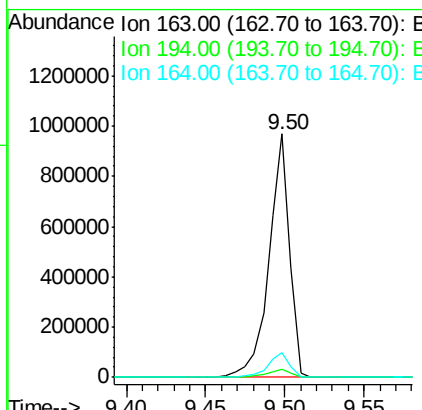
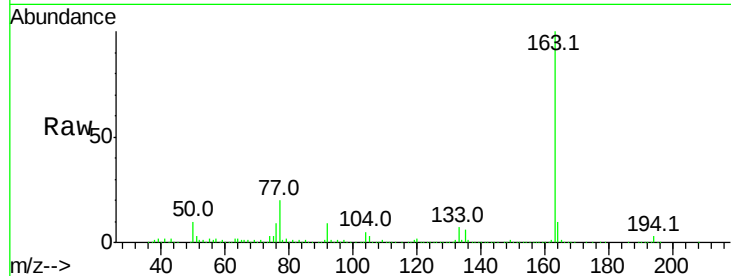




#49
 Dimethylphthalate
 Concen: 52.44 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

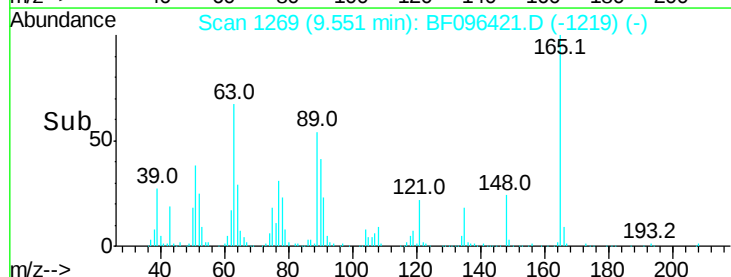
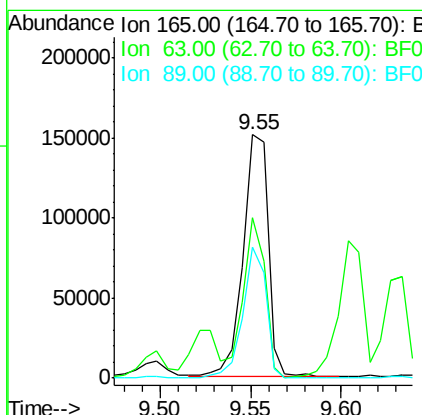
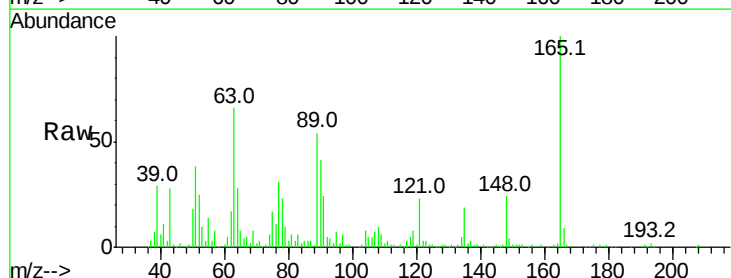
Instrument :
 BNA_F
 ClientSampleId :

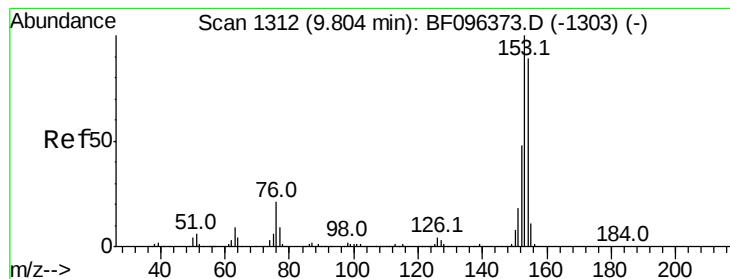
Tot Ion:	163	Resp:	879036
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6



#50
 2,6-Dinitrotoluene
 Concen: 39.12 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion:	165	Resp:	145018
Ion	Ratio	Lower	Upper
165	100		
63	66.1	34.3	51.5#
89	53.8	37.1	55.7





#51

Acenaphthene

Concen: 36.04 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

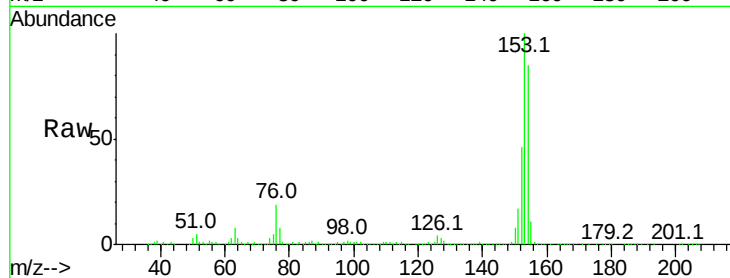
Tot Ion:154 Resp: 504730

Ion Ratio Lower Upper

154 100

153 117.8 90.5 135.7

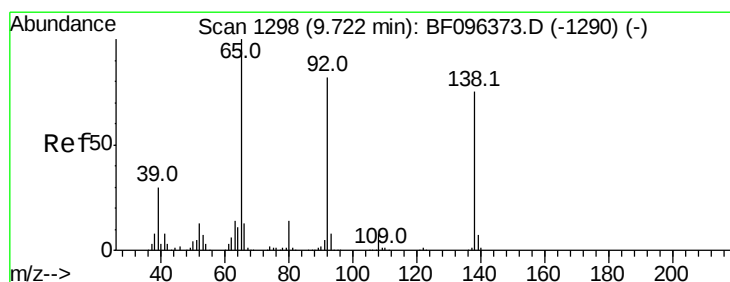
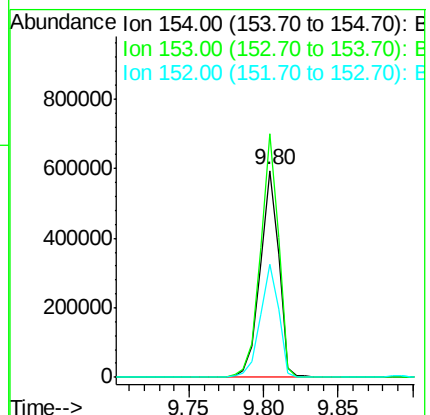
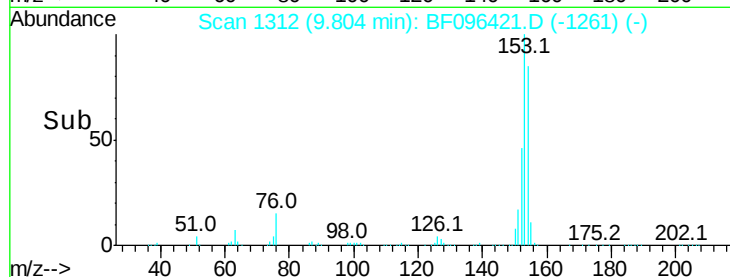
152 54.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.36 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

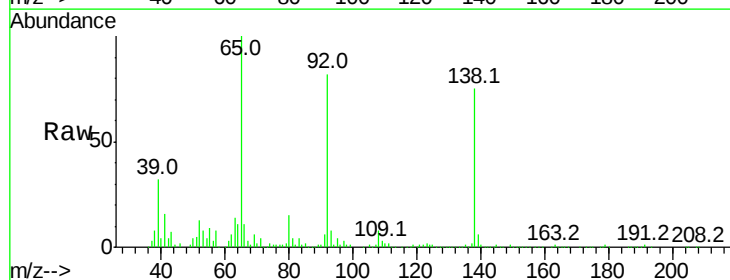
Tgt Ion:138 Resp: 158869

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

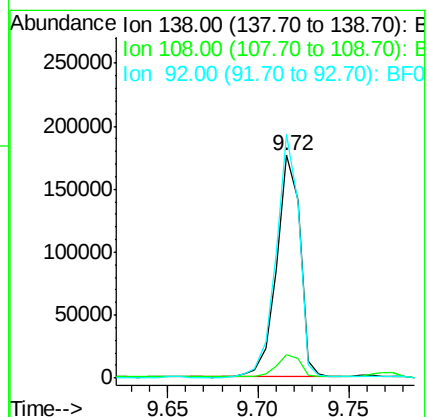
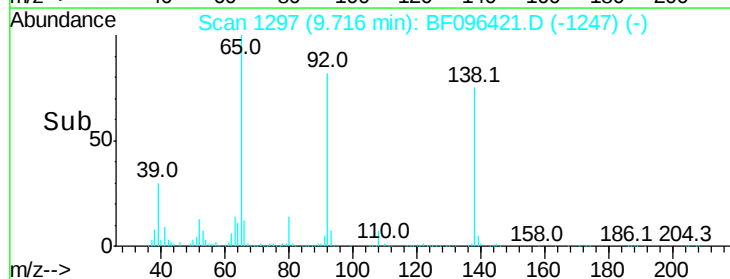
92 109.3 93.8 140.6

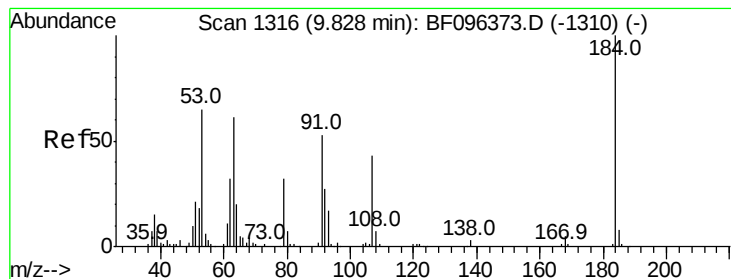


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 3.62 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampled :

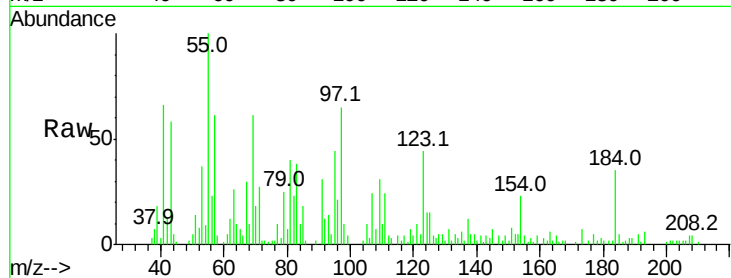
Tot Ion:184 Resp: 7131

Ion Ratio Lower Upper

184 100

63 76.3 62.7 94.1

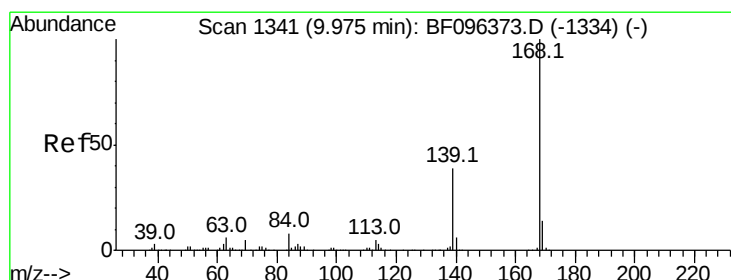
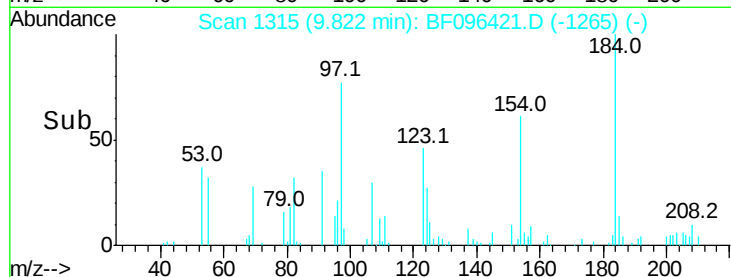
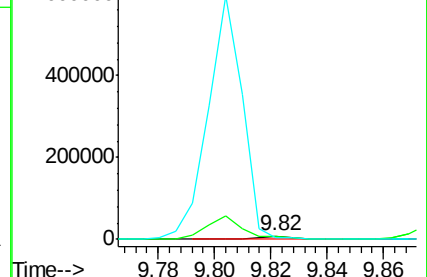
154 66.5 81.1 121.7#



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: 38.85 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

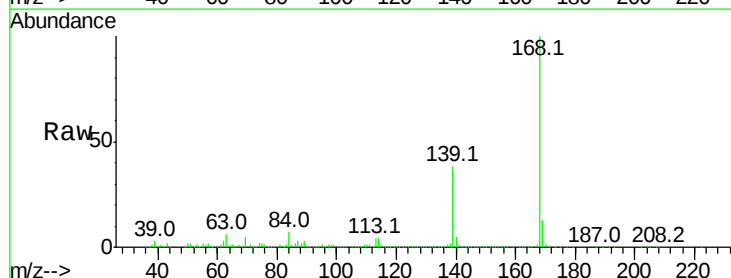
Tgt Ion:168 Resp: 718312

Ion Ratio Lower Upper

168 100

139 38.4 30.6 45.8

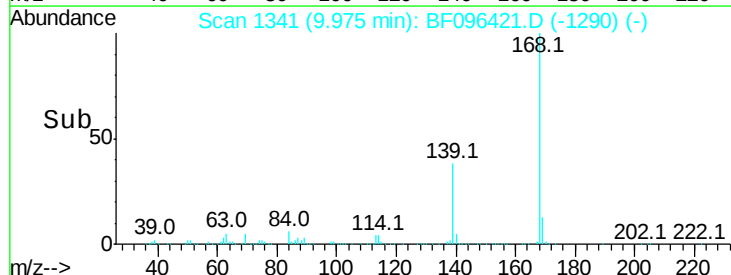
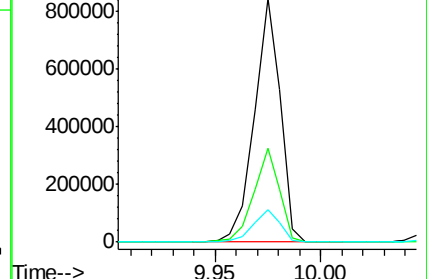
169 13.2 10.8 16.2

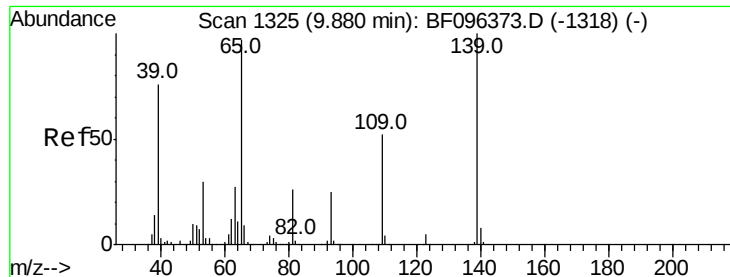


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 58.44 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampled :

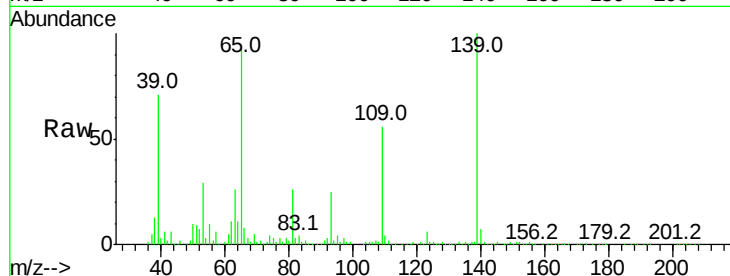
Tot Ion:139 Resp: 223967

Ion Ratio Lower Upper

139 100

109 56.1 34.1 74.1

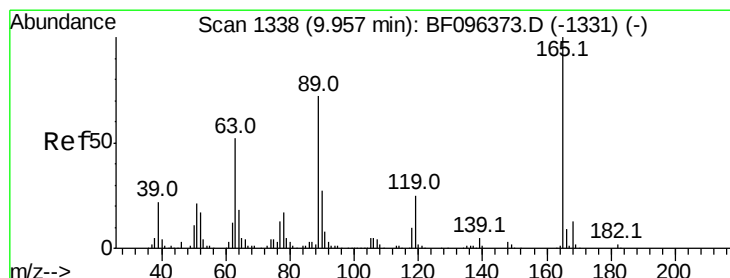
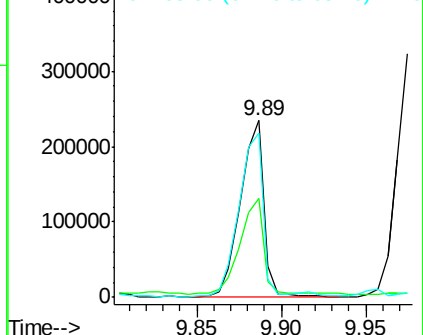
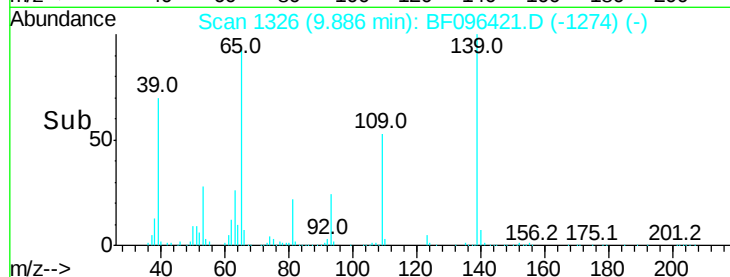
65 93.0 31.4 71.4#



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: 35.34 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Tgt Ion:165 Resp: 165880

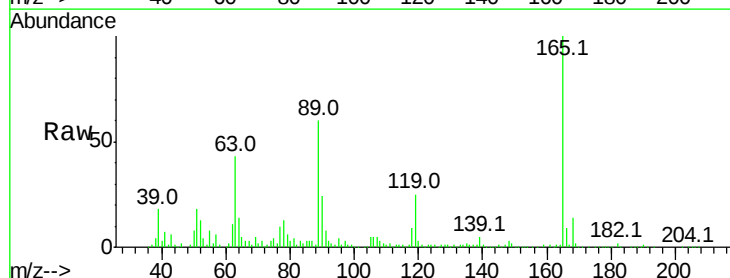
Ion Ratio Lower Upper

165 100

63 43.2 25.4 38.0#

89 59.6 46.4 69.6

182 2.2 1.8 2.6

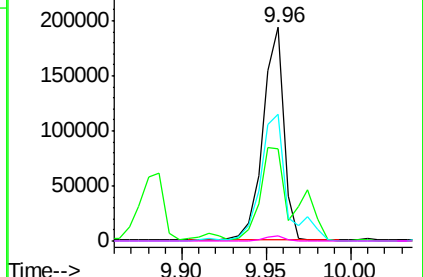
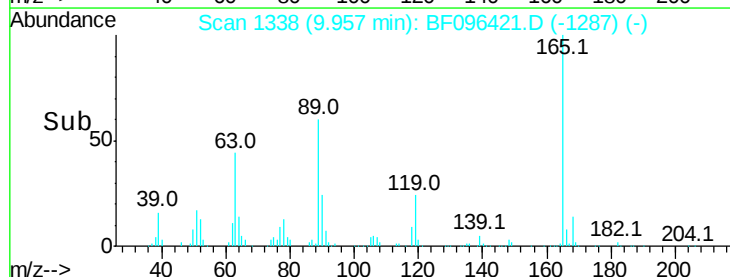


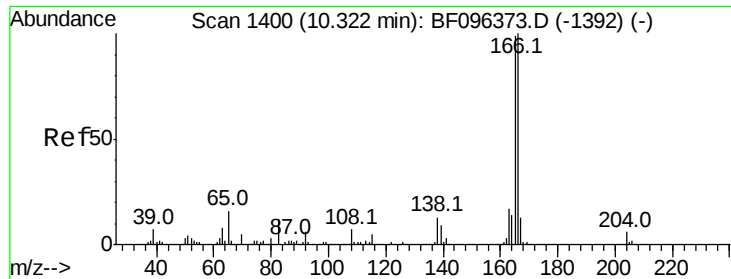
Abundance Ion 165.00 (164.70 to 165.70): E

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

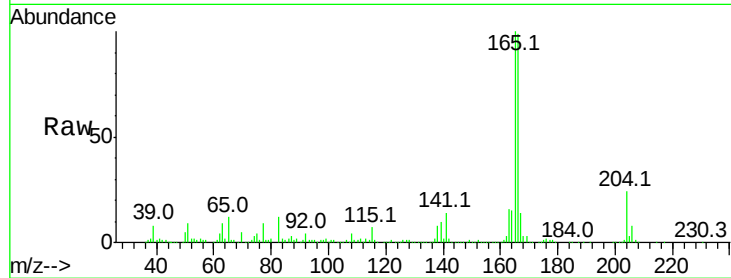




#57
 Fluorene
 Concen: 39.68 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.8	118.2
167	14.0	10.6	16.0

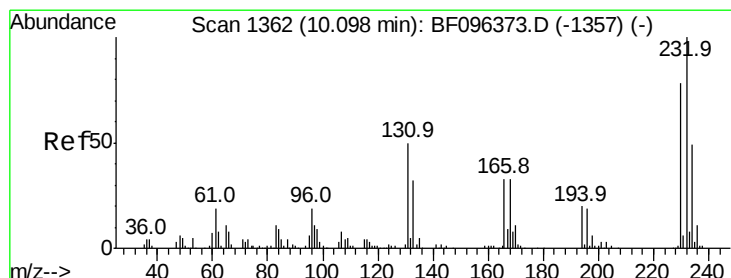
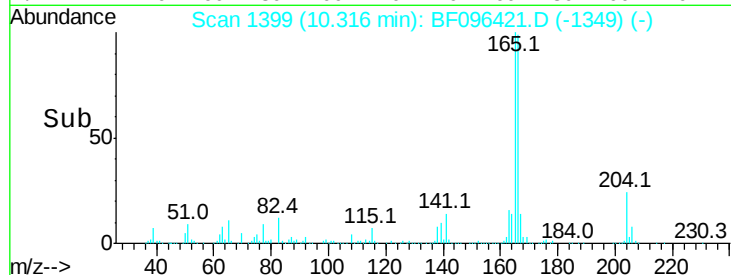
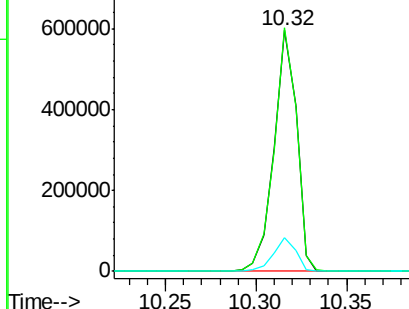


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.90 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.5	44.8	67.2
130	2.6	2.3	3.5
166	35.6	29.0	43.4

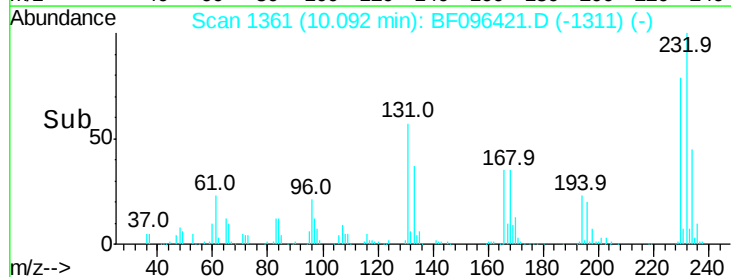
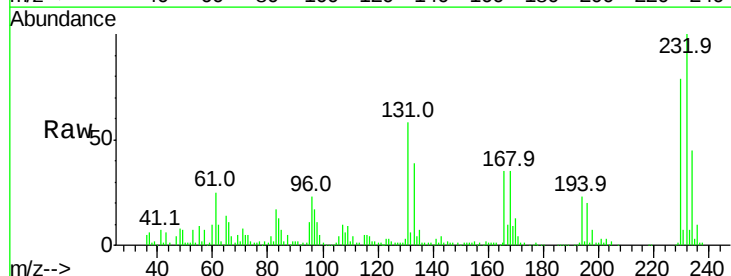
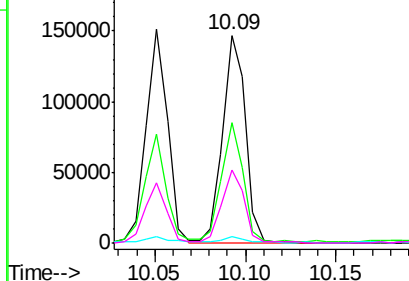
Abundance

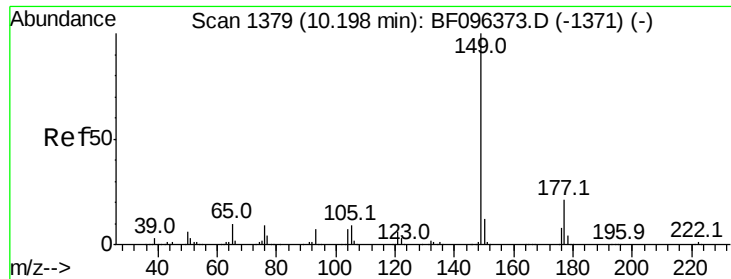
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

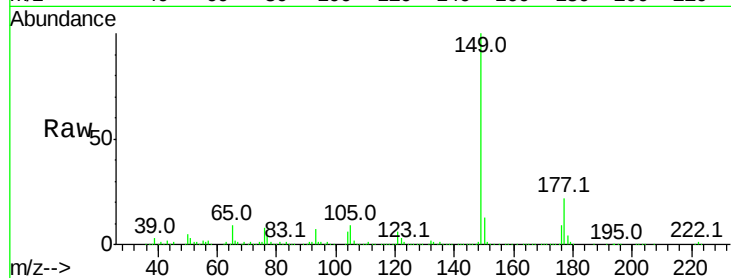




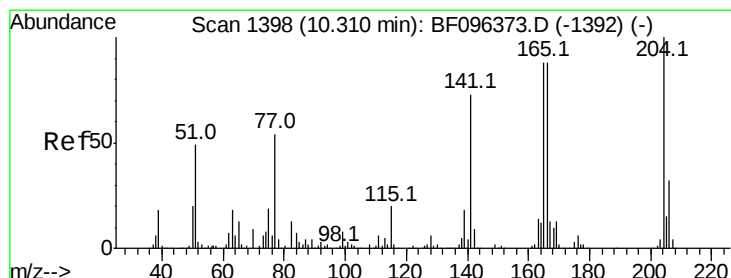
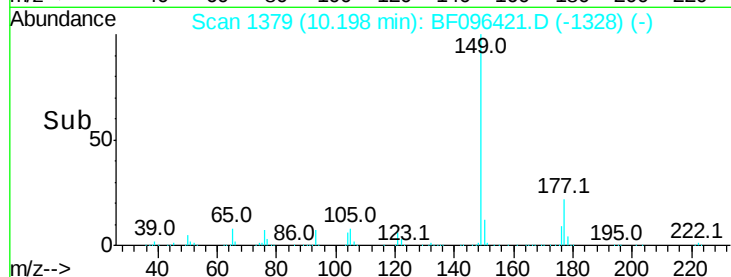
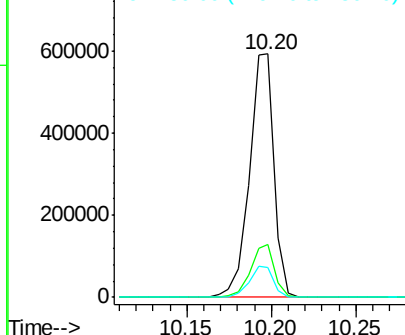
#59
Diethylphthalate
Concen: 37.84 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 599509
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.5 10.2 15.2

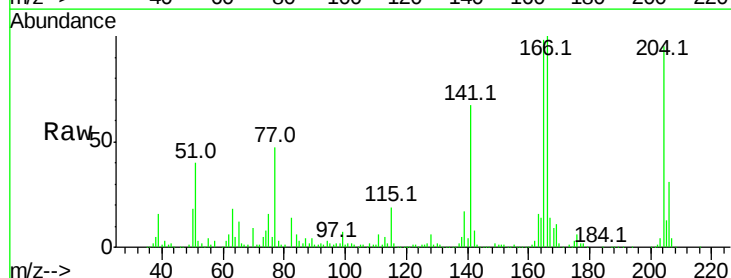


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

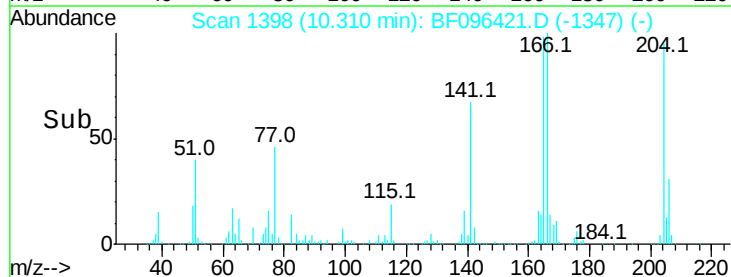
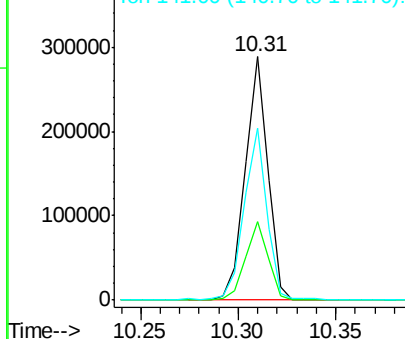


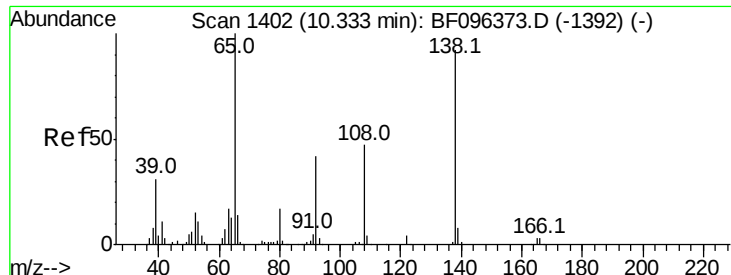
#60
4-Chlorophenyl-phenylether
Concen: 40.71 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Tgt Ion:204 Resp: 231280
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 70.6 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

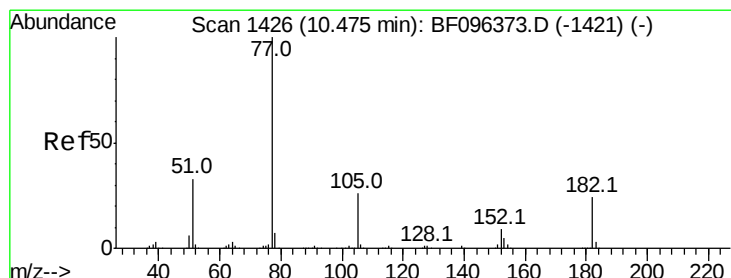
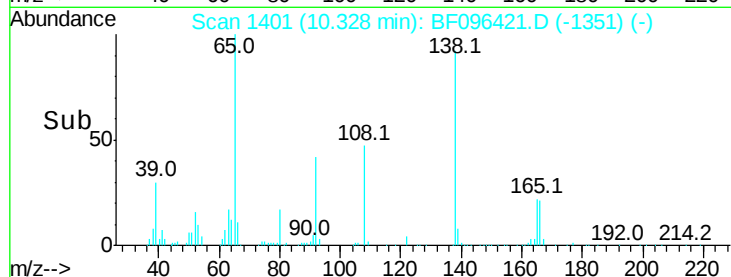
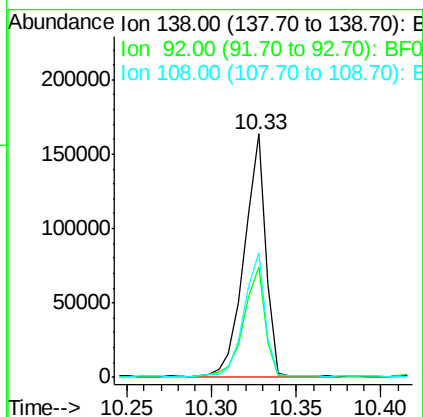
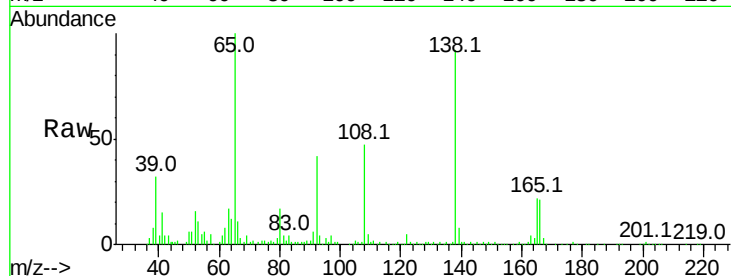




#61
4-Nitroaniline
Concen: 34.62 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

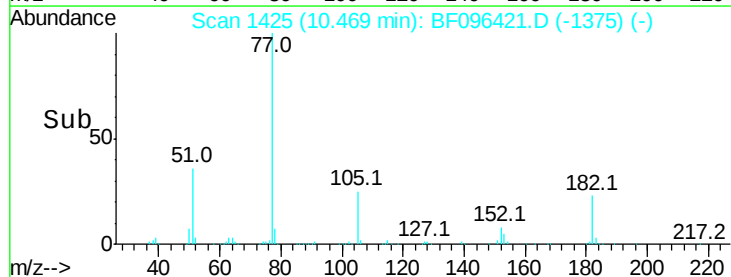
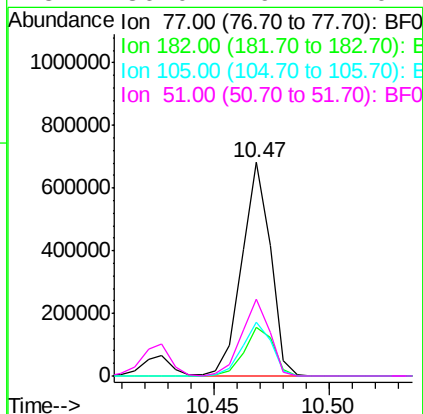
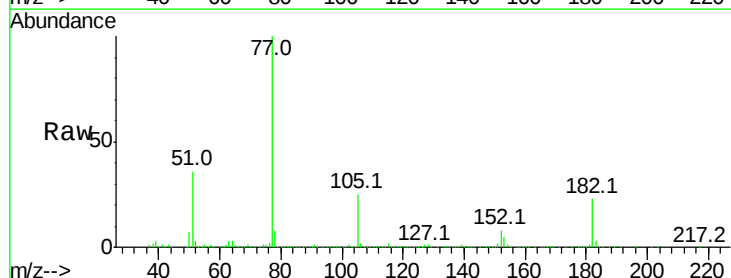
Instrument :
BNA_F
ClientSampleId :

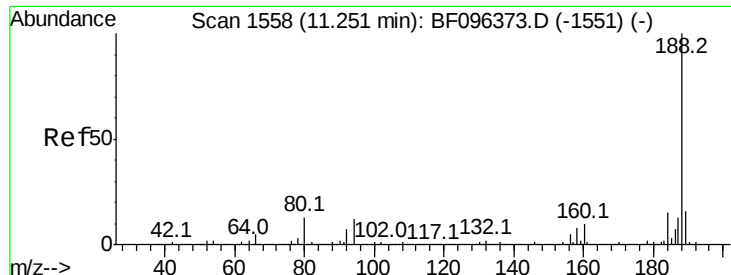
Tot Ion:138 Resp: 145548
Ion Ratio Lower Upper
138 100
92 45.5 21.8 61.8
108 51.2 42.3 82.3



#62
Azobenzene
Concen: 38.45 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Tgt Ion: 77 Resp: 589072
Ion Ratio Lower Upper
77 100
182 23.0 0.1 40.1
105 25.0 3.6 43.6
51 36.0 9.4 49.4

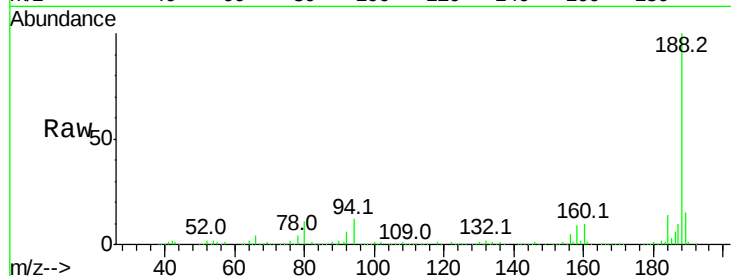




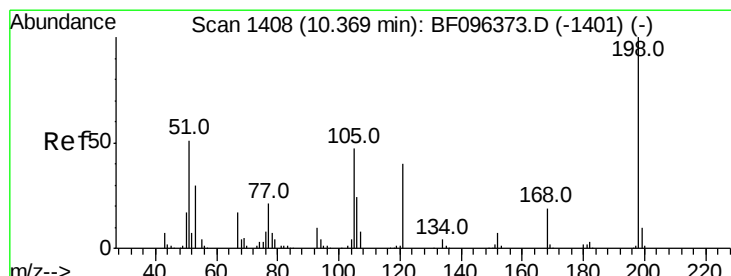
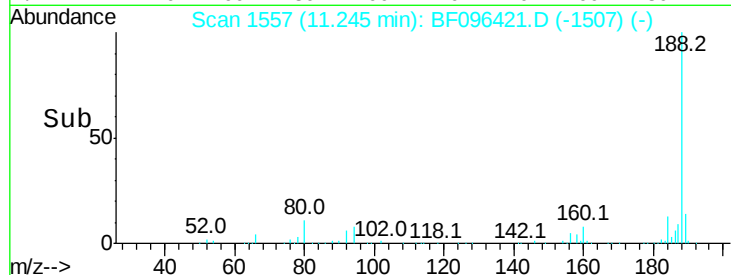
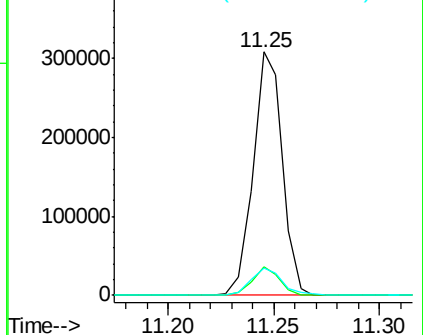
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 295736
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.4 14.2
 80 11.1 10.2 15.2

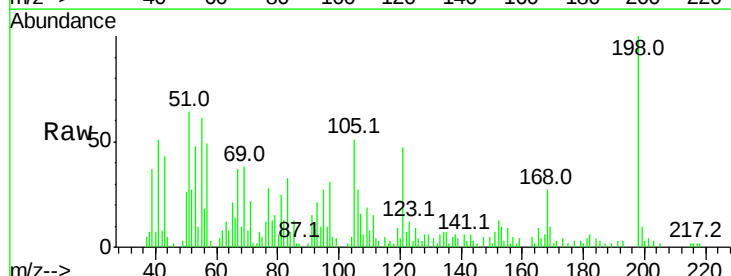


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

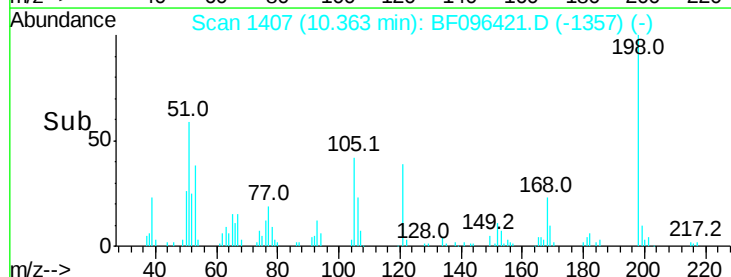
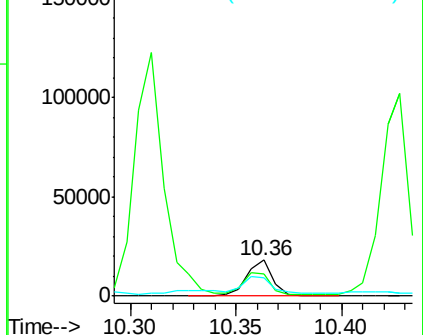


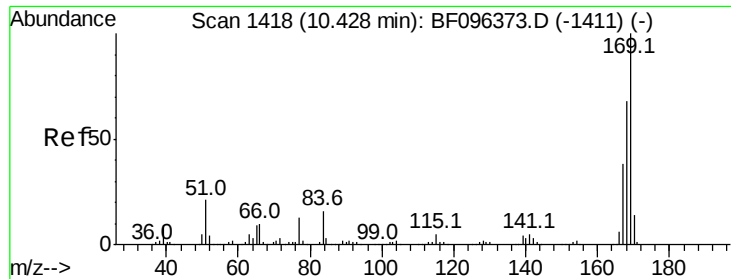
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.70 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion:198 Resp: 15714
 Ion Ratio Lower Upper
 198 100
 51 63.6 53.2 93.2
 105 50.5 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

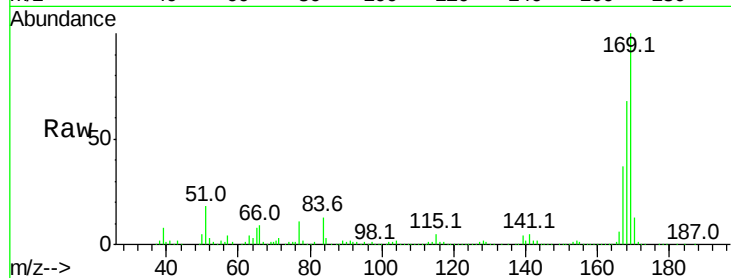




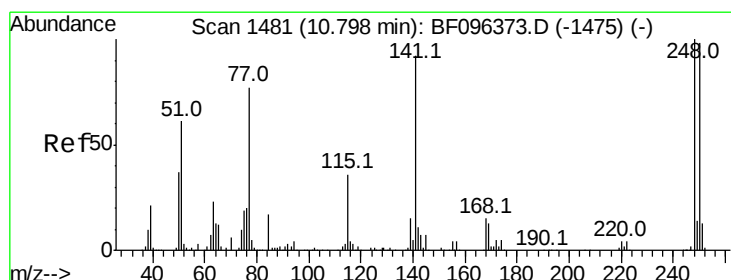
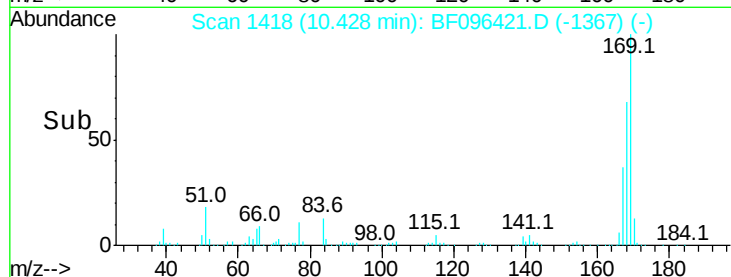
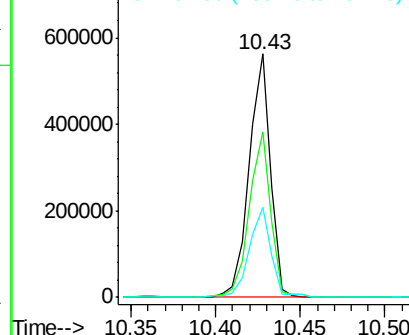
#65
n-Nitrosodiphenylamine
Concen: 47.63 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 494254
Ion Ratio Lower Upper
169 100
168 67.8 53.2 79.8
167 37.0 29.5 44.3

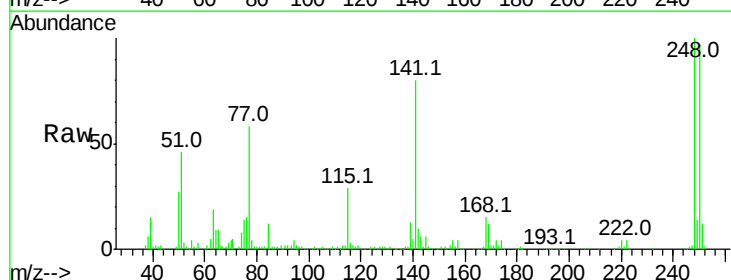


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

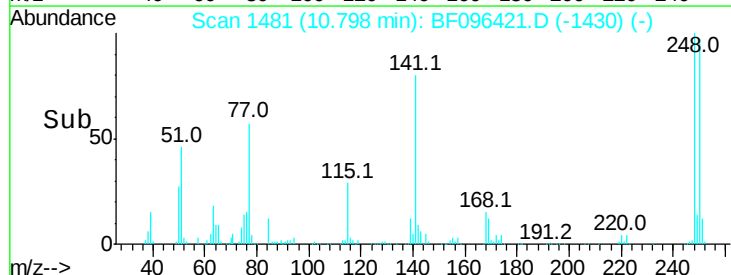
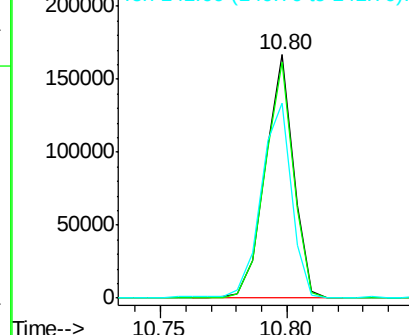


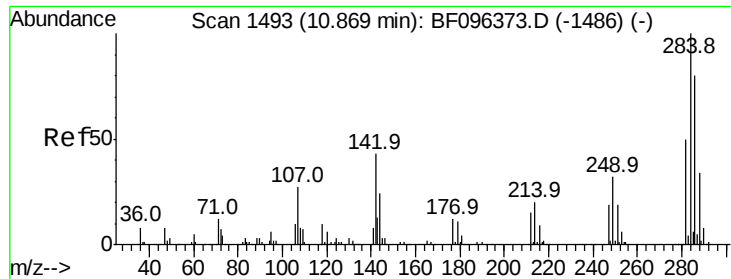
#66
4-Bromophenyl-phenylether
Concen: 45.46 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Tgt Ion:248 Resp: 130876
Ion Ratio Lower Upper
248 100
250 96.7 76.8 115.2
141 80.3 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

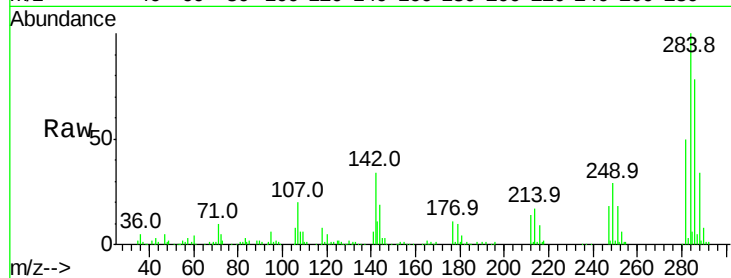




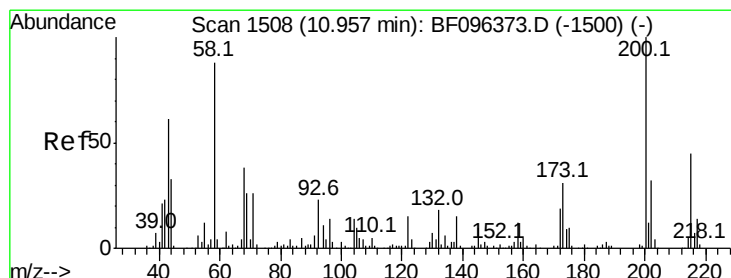
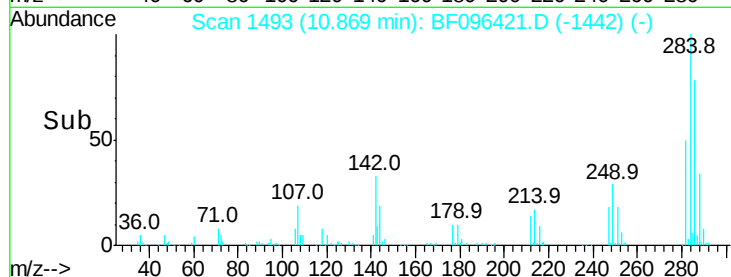
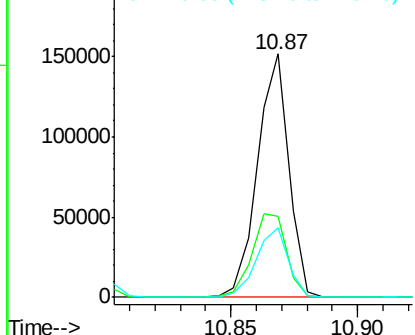
#67
Hexachlorobenzene
Concen: 41.44 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 130599
Ion Ratio Lower Upper
284 100
142 33.5 22.8 34.2
249 28.8 24.0 36.0

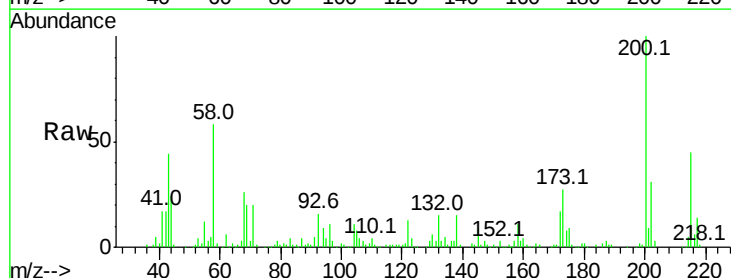


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

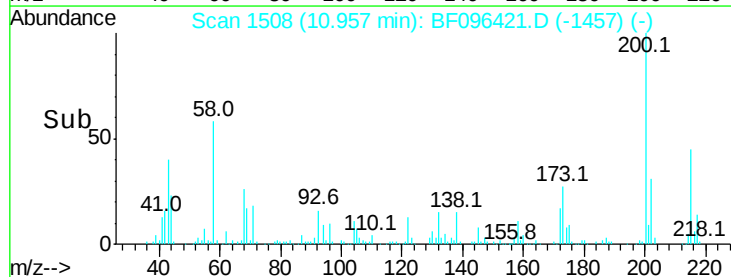
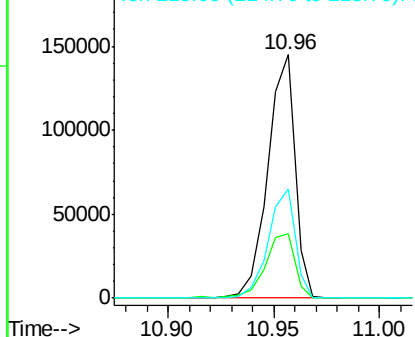


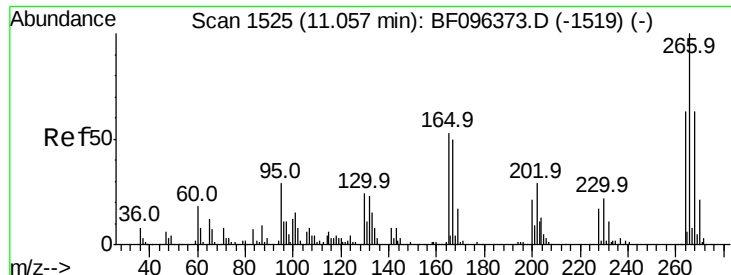
#68
Atrazine
Concen: 43.89 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF096421.D
Acq: 2 Jul 2017 17:35

Tgt Ion:200 Resp: 130121
Ion Ratio Lower Upper
200 100
173 26.7 6.3 46.3
215 44.6 27.2 67.2



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

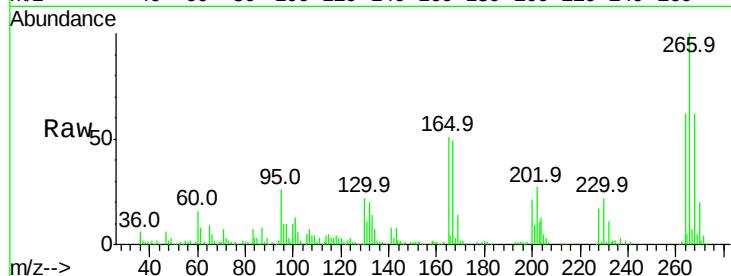




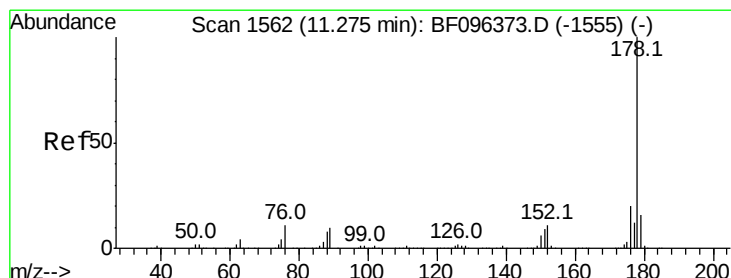
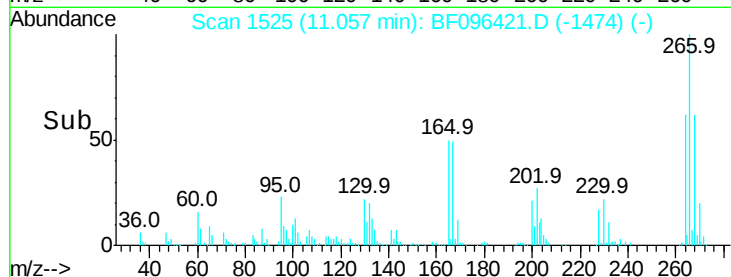
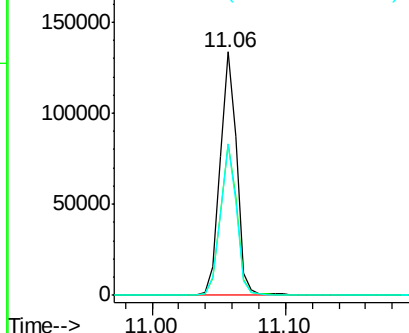
#69
 Pentachlorophenol
 Concen: 63.20 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 118044
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 62.0 51.7 77.5

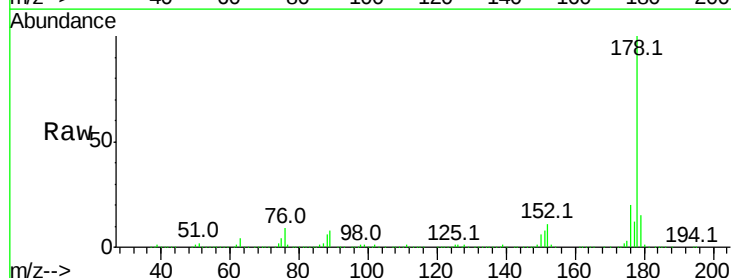


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

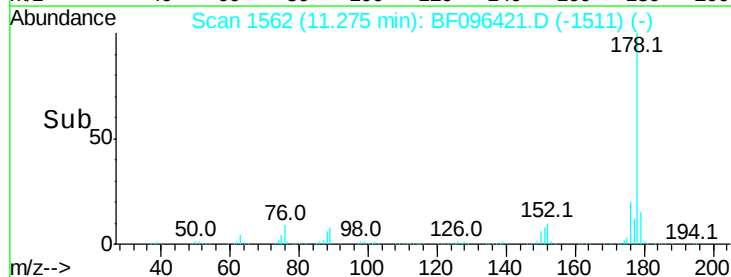
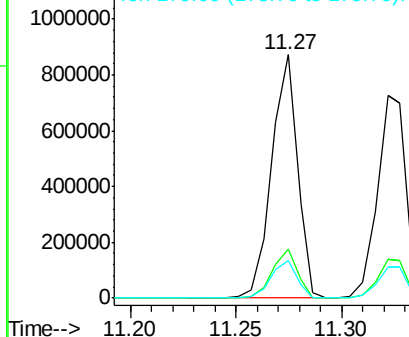


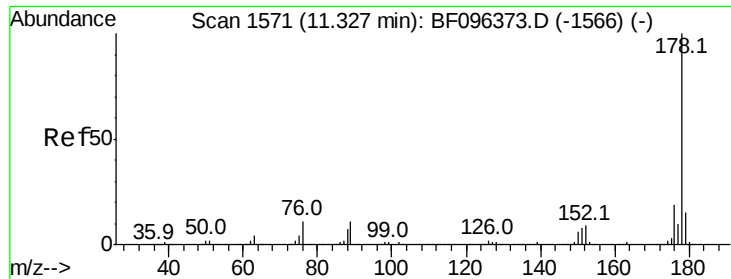
#70
 Phenanthrene
 Concen: 46.70 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion:178 Resp: 746608
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.4 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

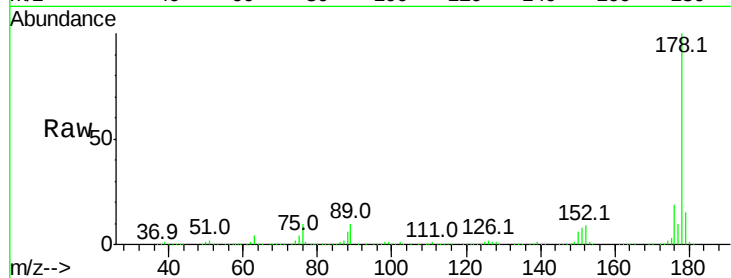




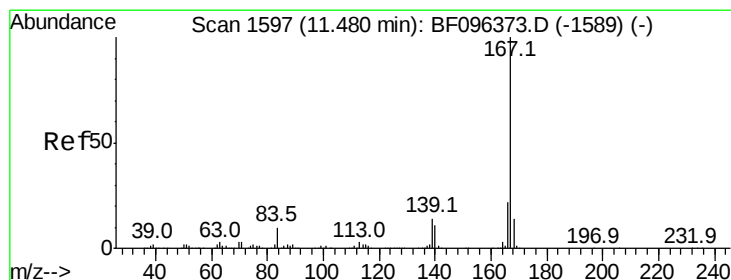
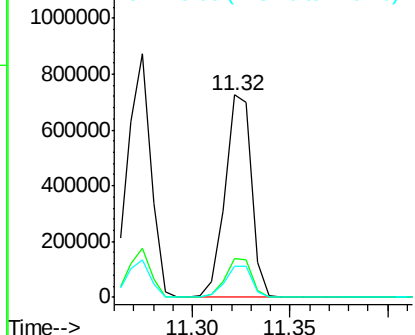
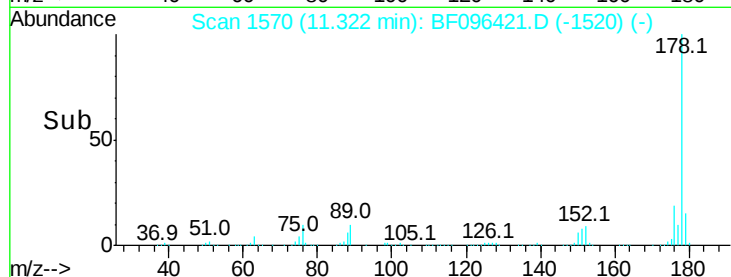
#71
 Anthracene
 Concen: 41.80 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 681039
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.3 12.7 19.1

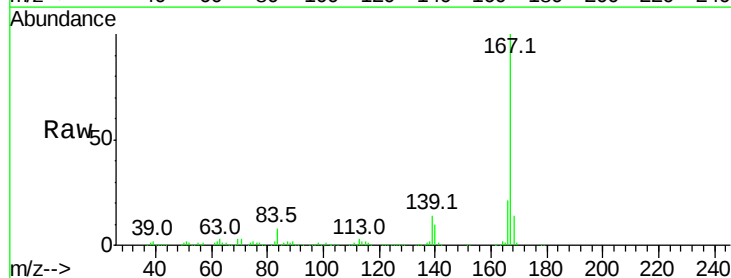


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

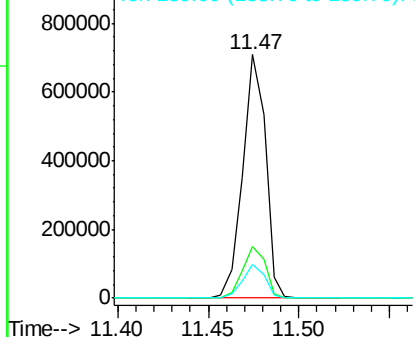
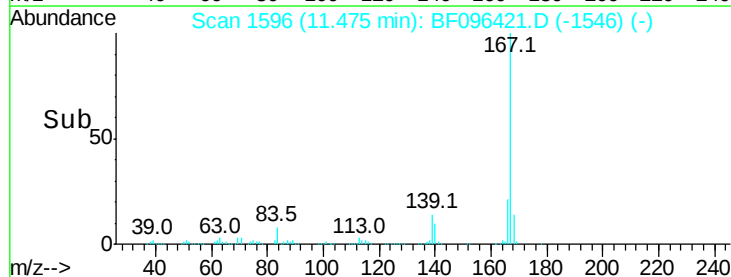


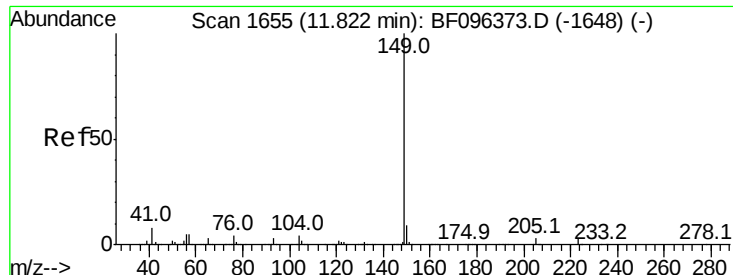
#72
 Carbazole
 Concen: 38.02 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion:167 Resp: 622983
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 13.8 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.75 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

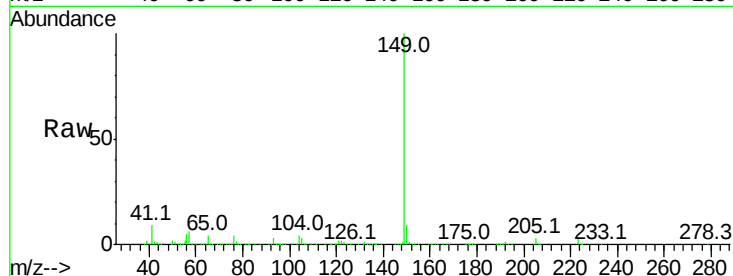
Tot Ion:149 Resp: 808624

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

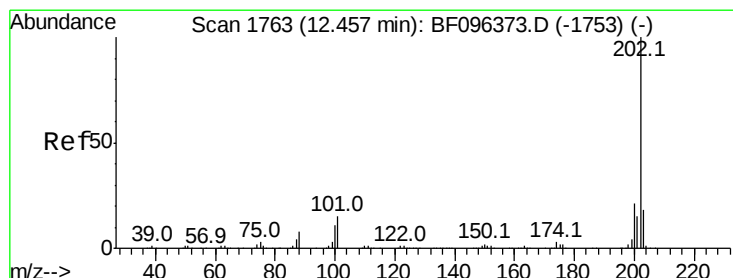
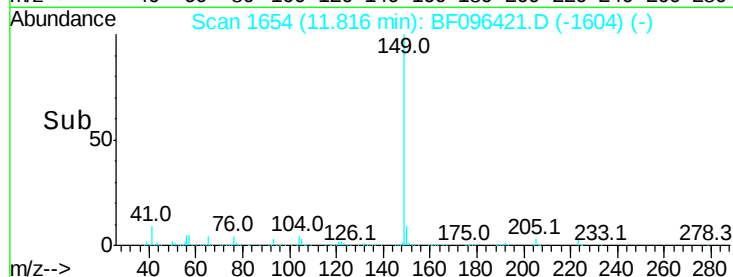
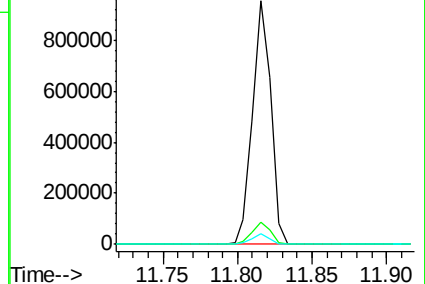
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.15 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

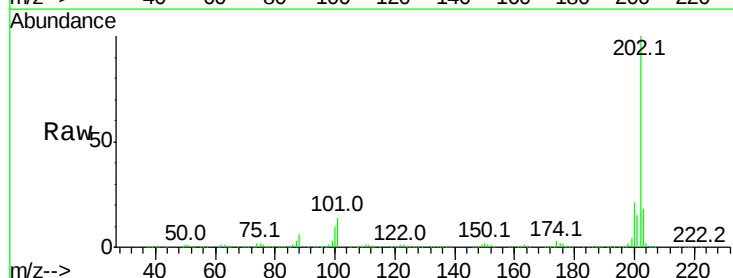
Tgt Ion:202 Resp: 754664

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

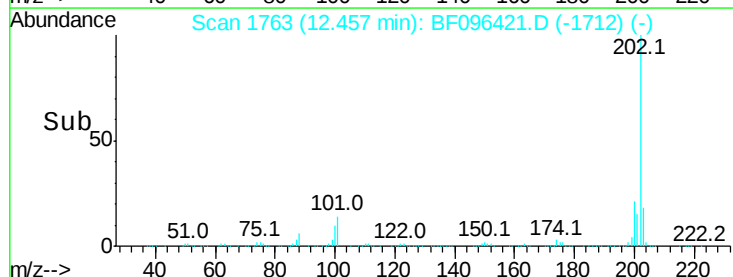
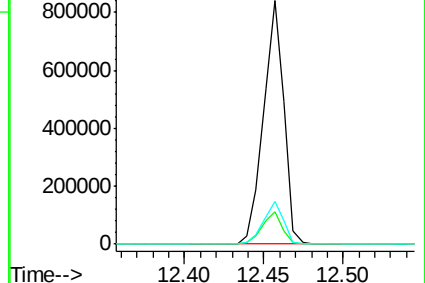
203 17.5 0.0 38.1

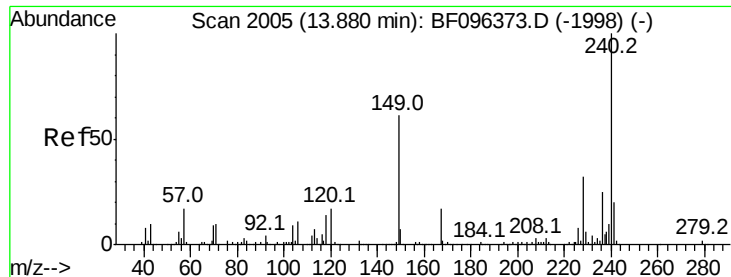


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

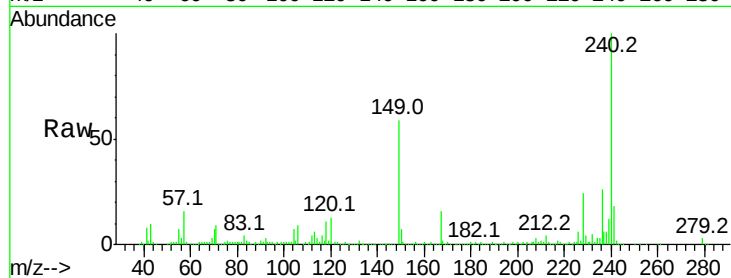
Tot Ion:240 Resp: 195430

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

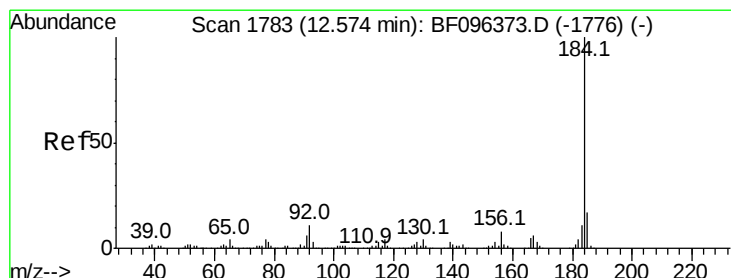
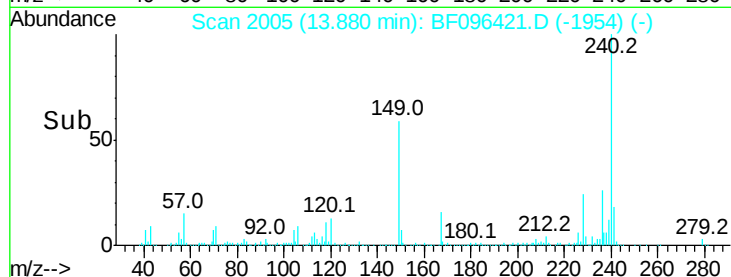
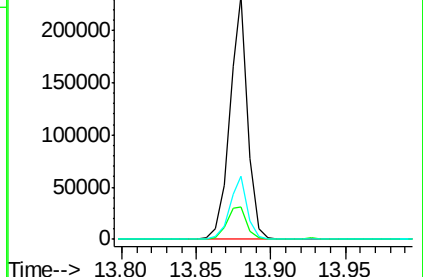
236 25.7 20.5 30.7



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: 29.25 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

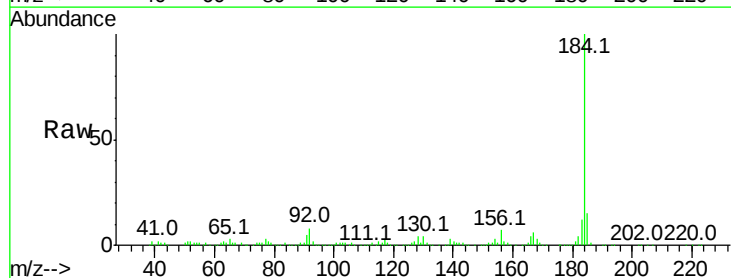
Tgt Ion:184 Resp: 274322

Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

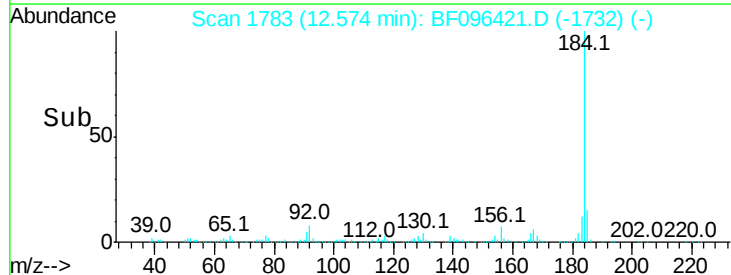
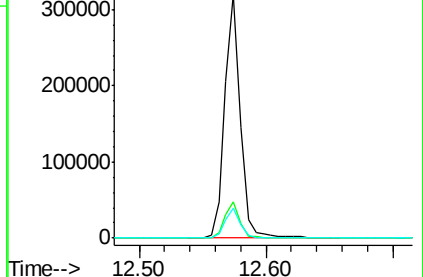
183 12.2 9.8 14.6

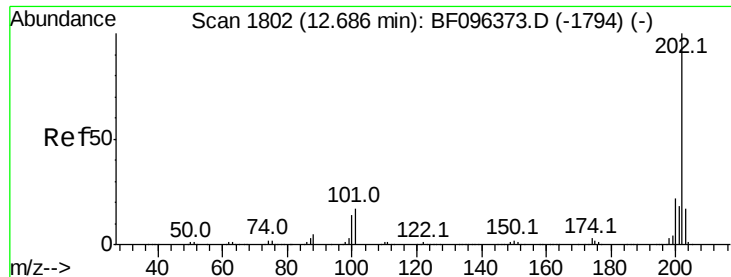


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.01 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampled :

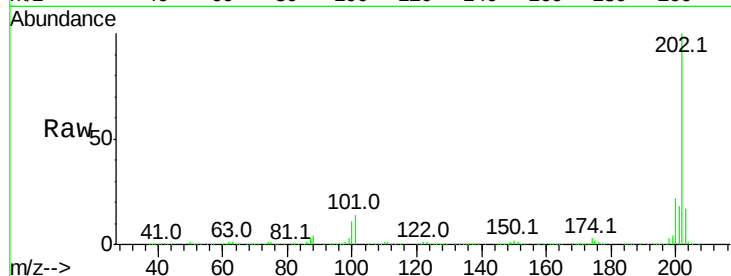
Tot Ion:202 Resp: 753085

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

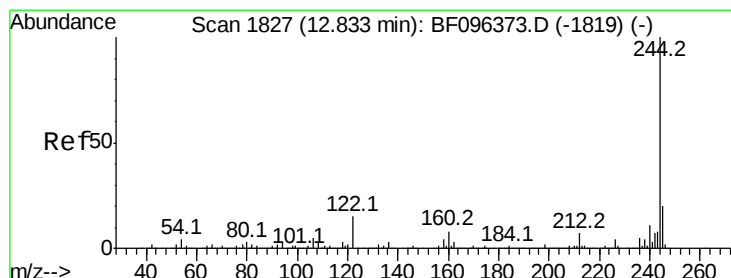
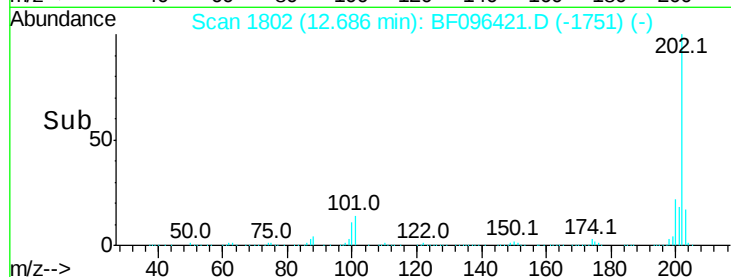
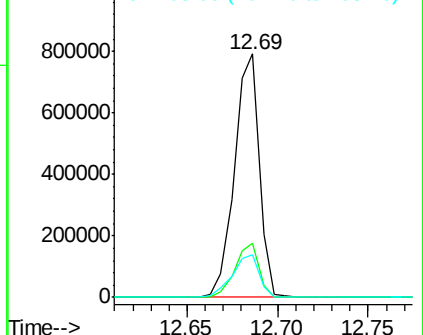
203 17.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.37 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

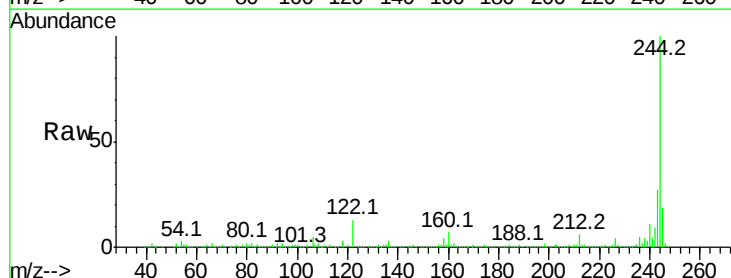
Tgt Ion:244 Resp: 661850

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

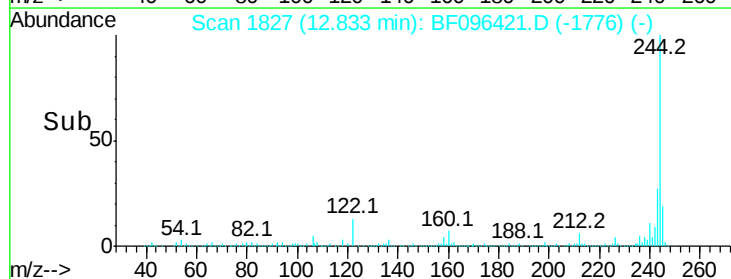
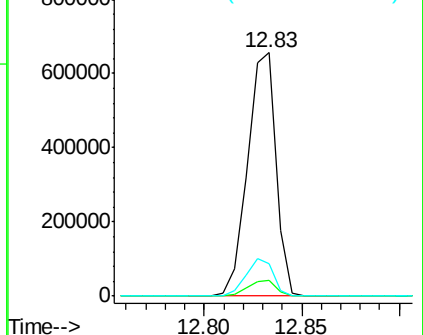
122 13.3 10.3 15.5

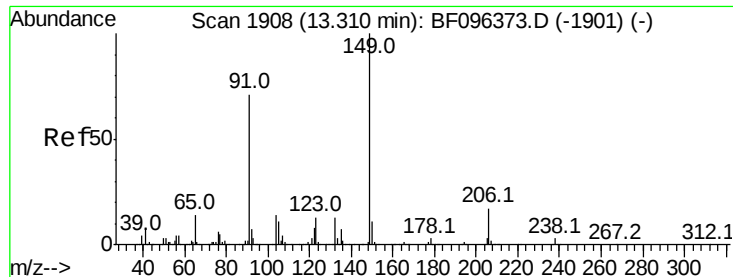


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

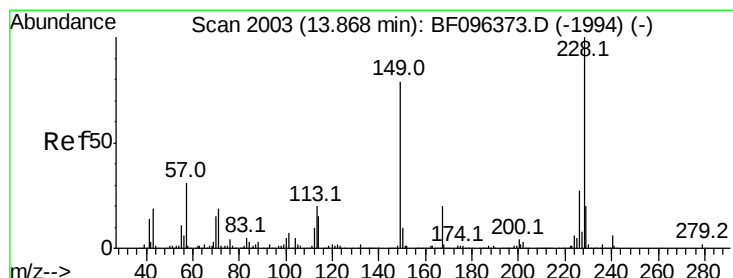
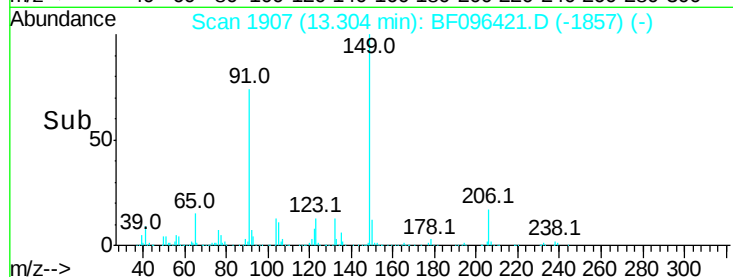
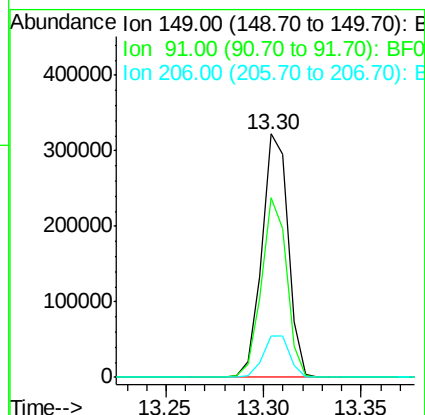
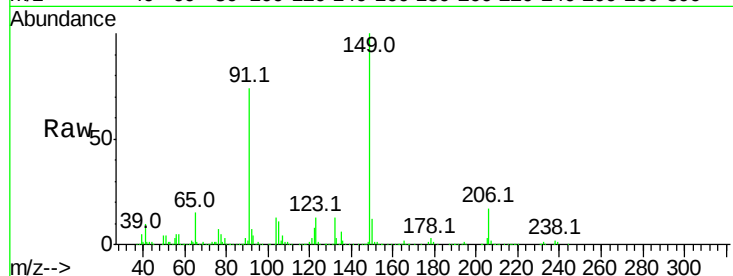




#79
 Butylbenzylphthalate
 Concen: 37.76 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

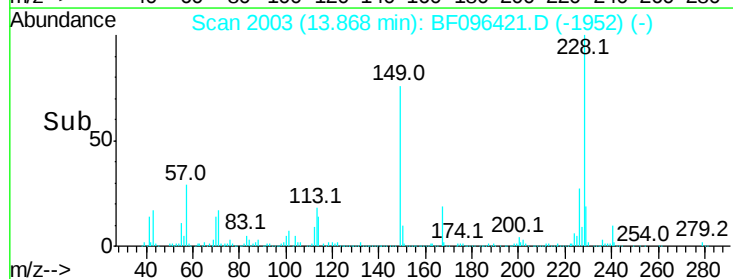
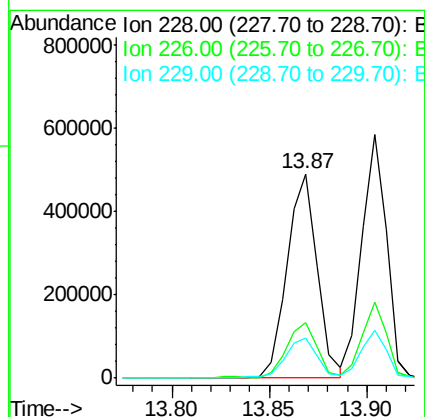
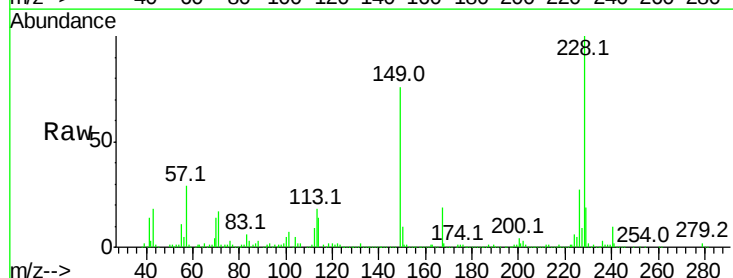
Instrument :
 BNA_F
 ClientSampleId :

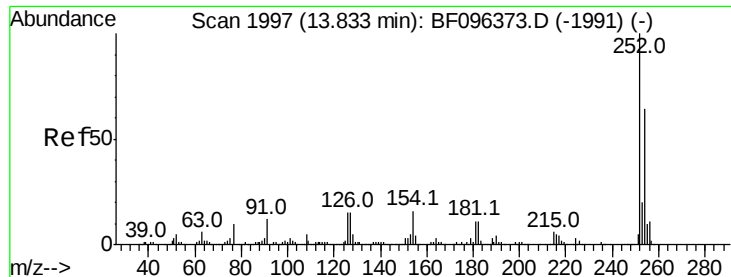
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.9	45.0	67.4#
206	17.1	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 46.33 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.4	16.3	24.5

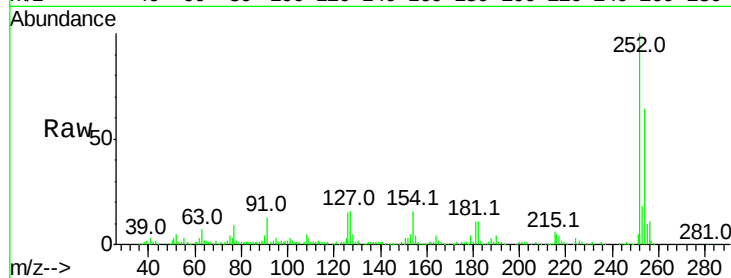




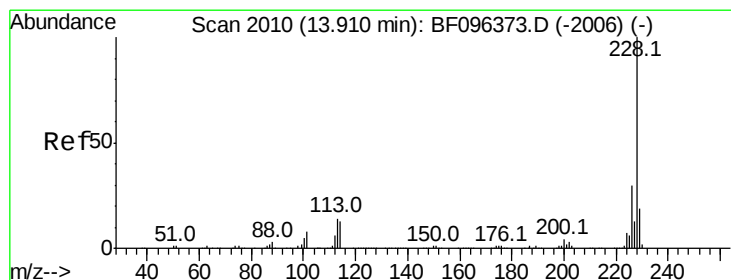
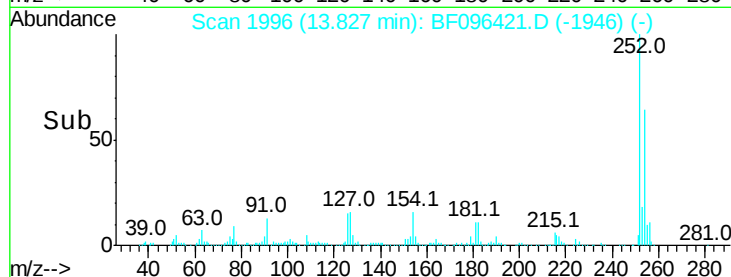
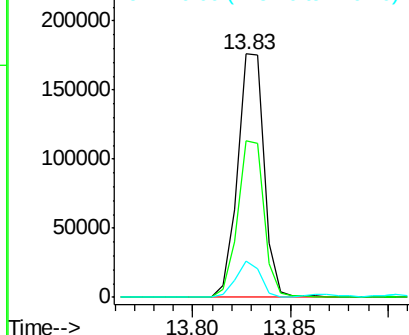
#81
 3,3'-Dichlorobenzidine
 Concen: 35.88 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 166790
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.5 77.3
 126 15.1 15.8 23.8#

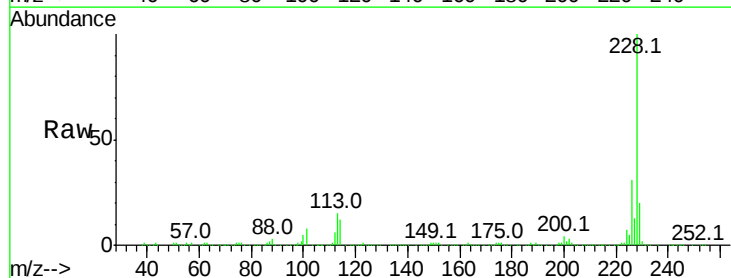


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

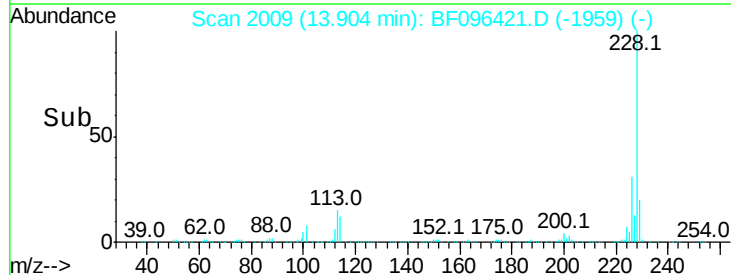
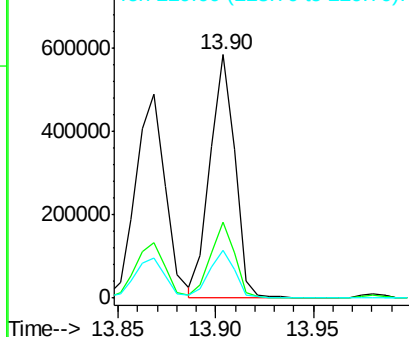


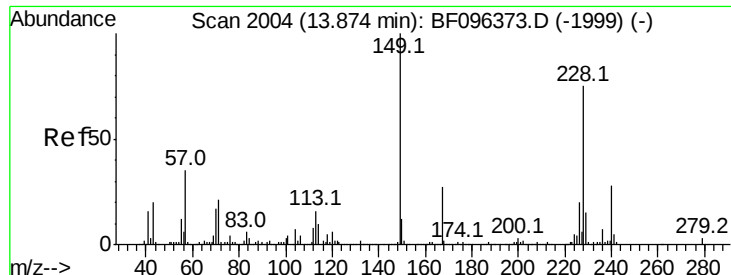
#82
 Chrysene
 Concen: 43.63 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion:228 Resp: 517111
 Ion Ratio Lower Upper
 228 100
 226 31.2 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

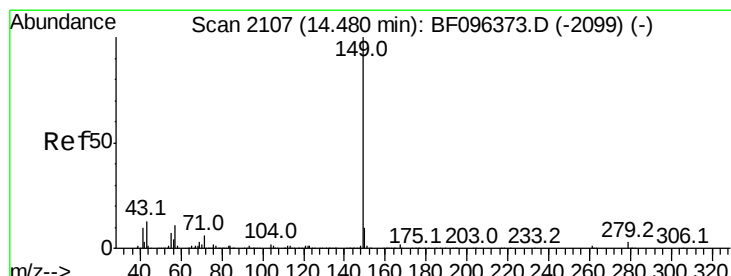
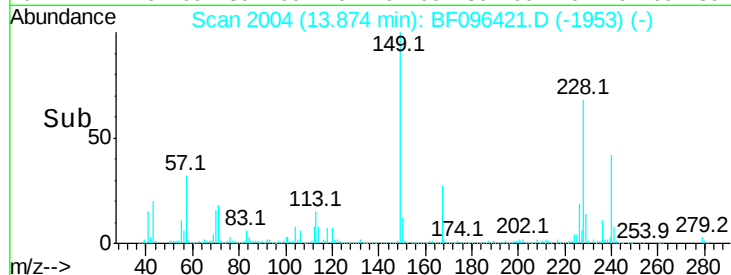
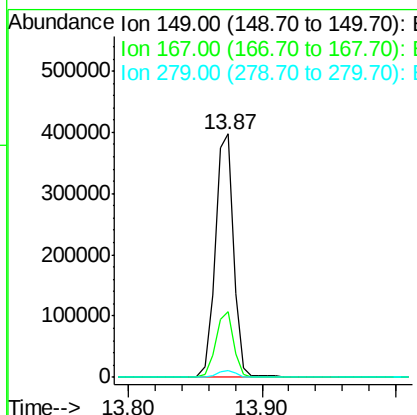
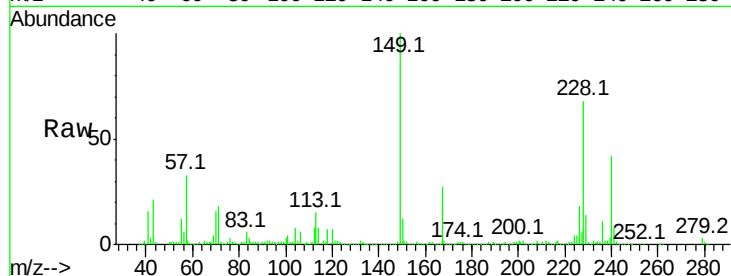




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.17 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

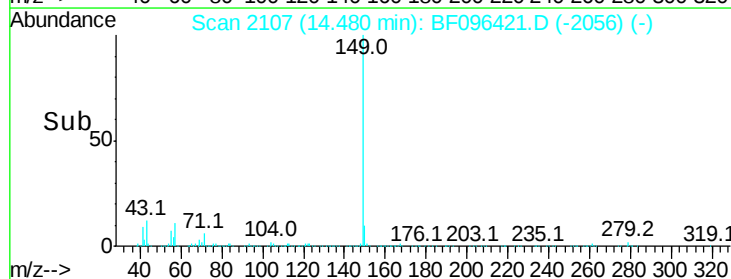
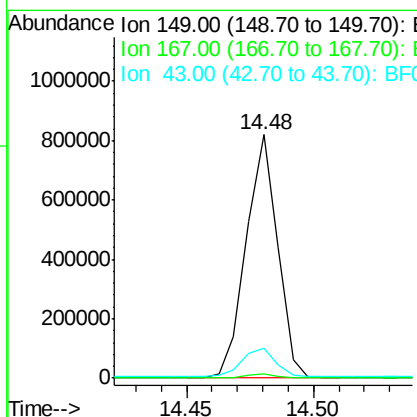
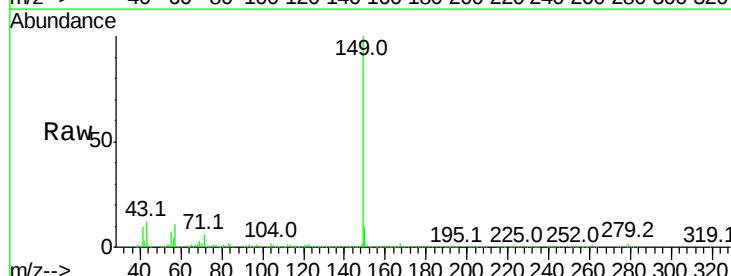
Instrument :
 BNA_F
 ClientSampleId :

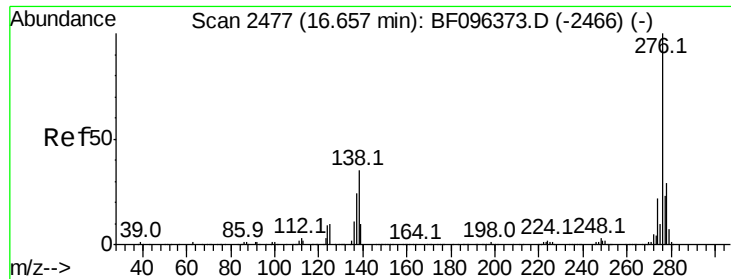
Tot Ion:149 Resp: 382682
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 40.57 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion:149 Resp: 708141
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.6 8.5 12.7

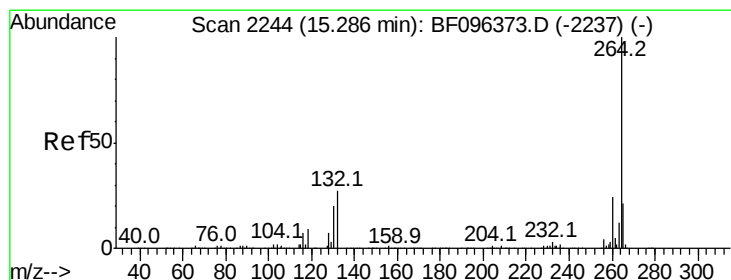
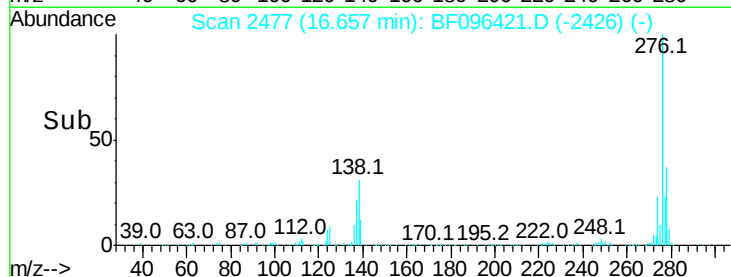
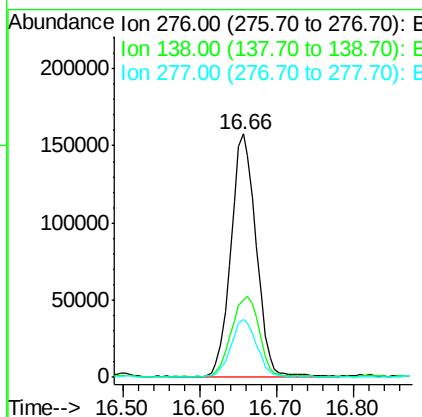
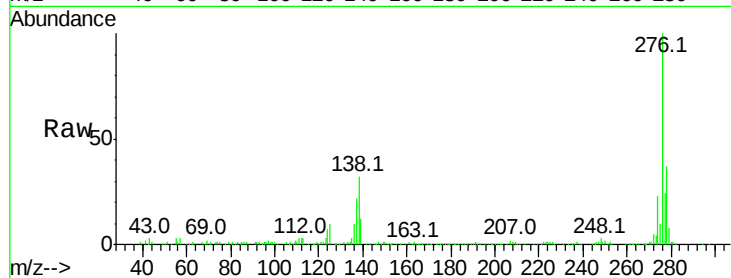




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.06 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

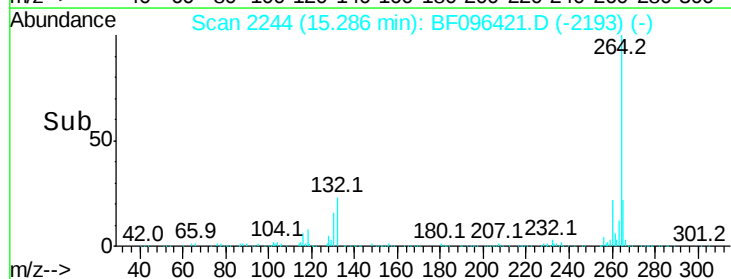
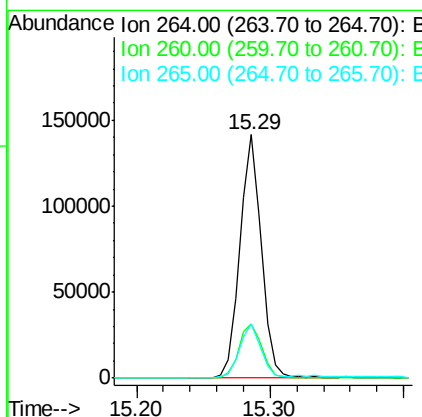
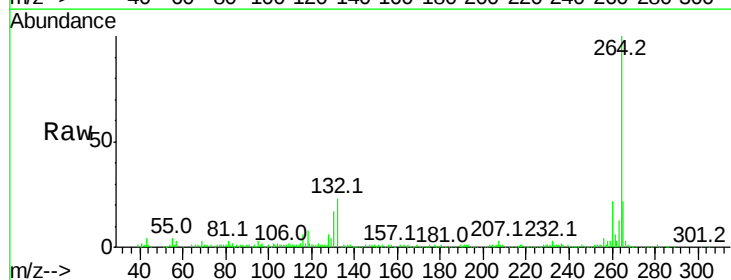
Instrument :
 BNA_F
 ClientSampleId :

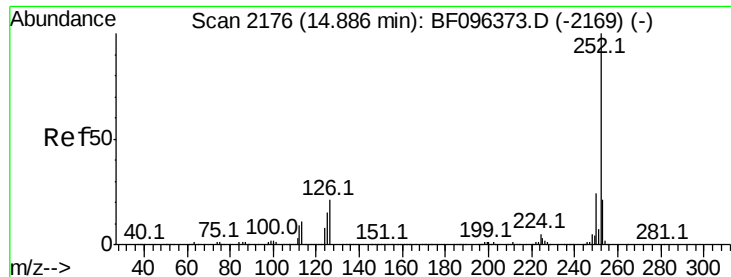
Tot Ion	Ratio	Lower	Upper
276	100		
138	37.1	27.8	41.6
277	24.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.09 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.00 min

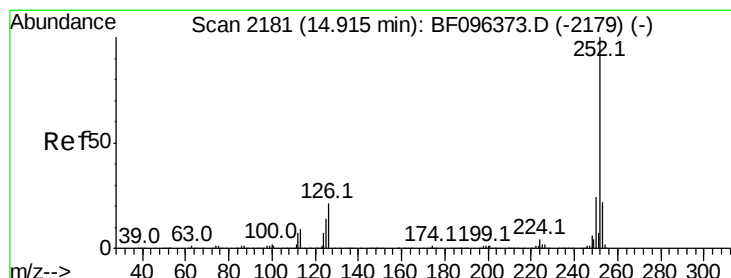
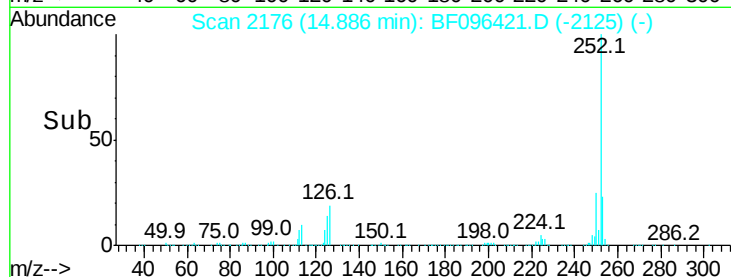
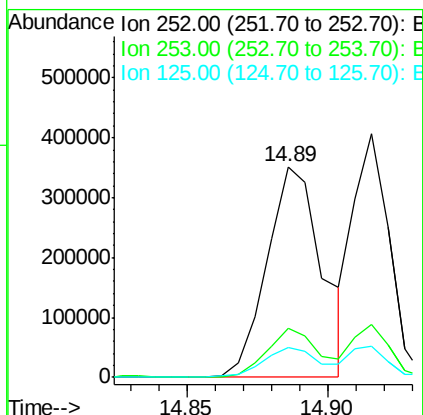
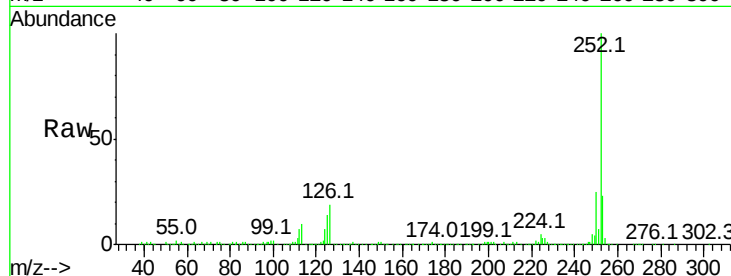
Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 476025

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	14.4	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 53.76 ng

RT: 14.89 min Scan# 2176

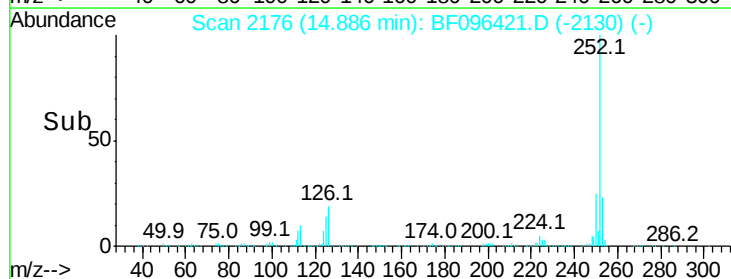
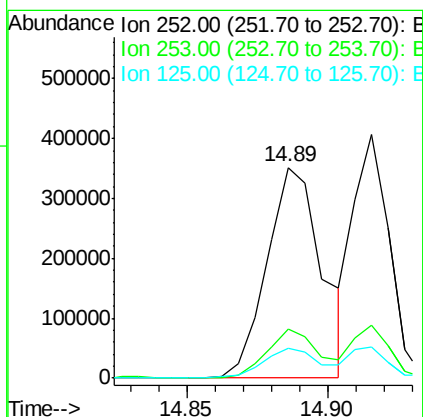
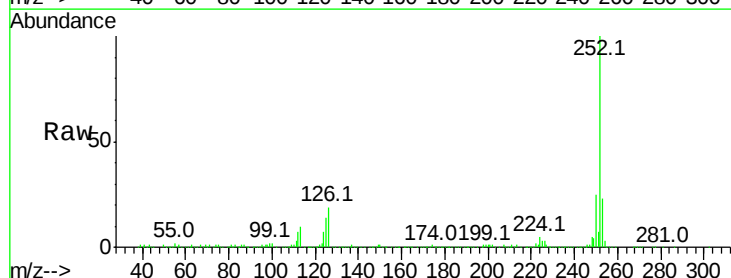
Delta R.T. -0.03 min

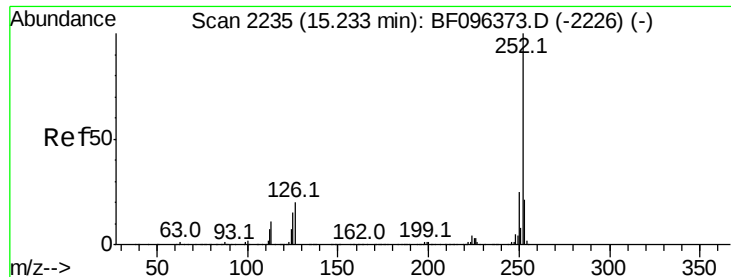
Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Tgt Ion:252 Resp: 476025

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	14.4	13.1	19.7





#89

Benzo(a)pyrene

Concen: 44.37 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

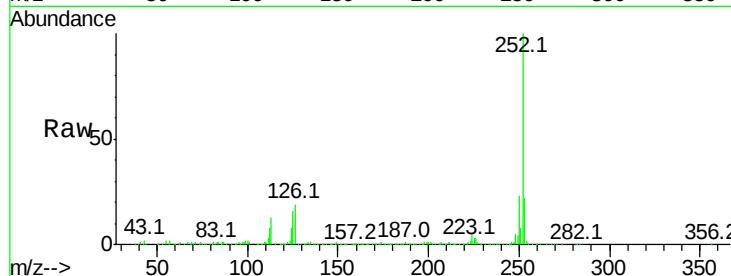
Tot Ion:252 Resp: 392122

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

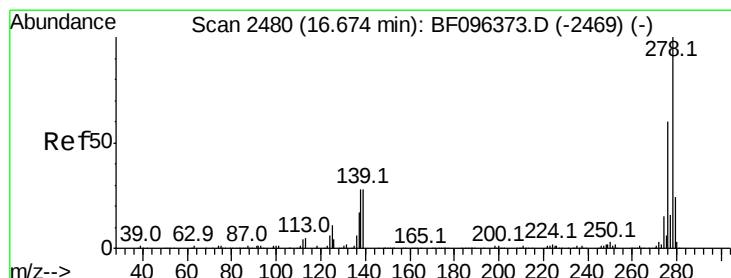
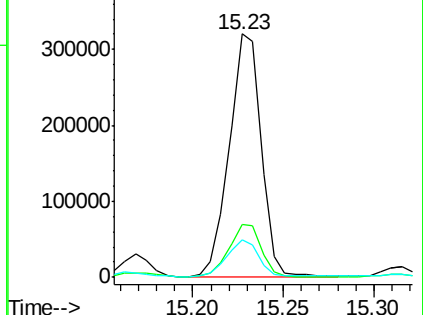
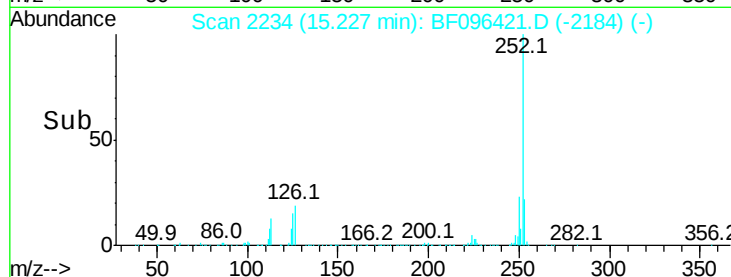
125 15.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.68 ng

RT: 16.67 min Scan# 2480

Delta R.T. 0.00 min

Lab File: BF096421.D

Acq: 2 Jul 2017 17:35

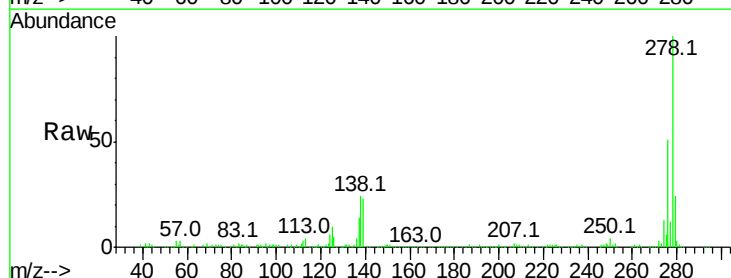
Tgt Ion:278 Resp: 289808

Ion Ratio Lower Upper

278 100

139 23.2 16.6 24.8

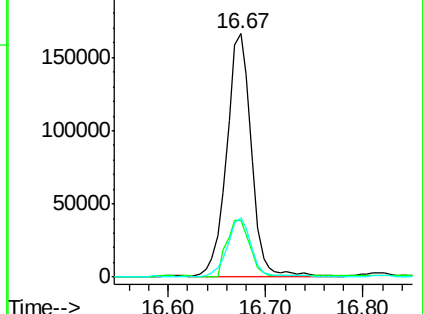
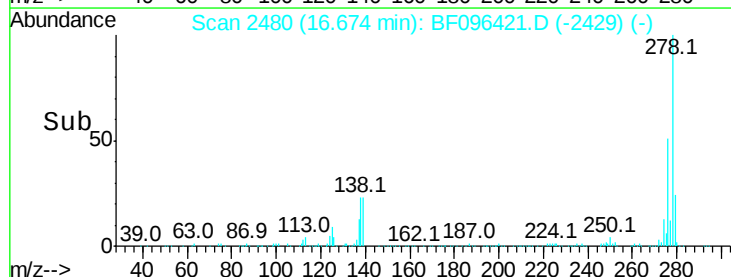
279 24.3 19.3 28.9

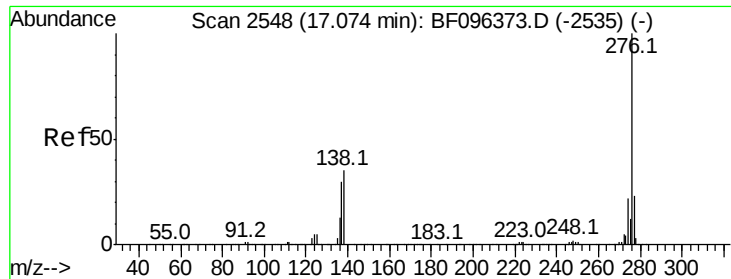


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

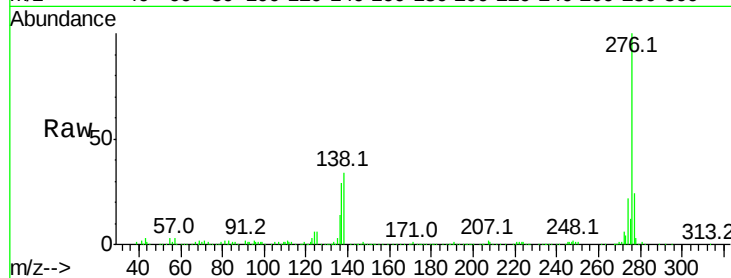




#91
 Benzo(a,h,i)perylene
 Concen: 43.91 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BF096421.D
 Acq: 2 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	34.0	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

