

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096431.D
 Acq On : 3 Jul 2017 10:29
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 16:12:14 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	149818	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	644639	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	256503	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	443663	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	331186	20.00	ng	0.00
86) Perylene-d12	15.28	264	297835	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	726467	71.57	ng	-0.01
7) Phenol-d6	6.36	99	921638	73.86	ng	-0.01
23) Nitrobenzene-d5	7.29	82	837895	78.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	181158	90.42	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1238449	82.55	ng	-0.01
78) Terphenyl-d14	12.83	244	1172019	75.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	171677	35.67	ng	# 78
3) Pyridine	3.09	79	457343	34.63	ng	# 64
4) n-Nitrosodimethylamine	3.03	42	238573	36.60	ng	# 83
6) Aniline	6.39	93	601701	37.31	ng	93
8) 2-Chlorophenol	6.51	128	423927	39.16	ng	93
9) Benzaldehyde	6.27	77	294314	37.69	ng	98
10) Phenol	6.38	94	522391	36.75	ng	77
11) bis(2-Chloroethyl)ether	6.46	93	417195	37.97	ng	93
12) 1,3-Dichlorobenzene	6.67	146	439270	38.70	ng	98
13) 1,4-Dichlorobenzene	6.75	146	448482	39.53	ng	97
14) 1,2-Dichlorobenzene	6.90	146	378413	36.33	ng	97
15) Benzyl Alcohol	6.87	79	302783	36.30	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	883101	39.54	ng	92
17) 2-Methylphenol	6.99	107	336865	39.05	ng	97
18) Hexachloroethane	7.24	117	164243	39.94	ng	# 79
19) n-Nitroso-di-n-propylamine	7.15	70	289727	38.97	ng	# 83
20) 3+4-Methylphenols	7.14	107	388585	40.39	ng	95
22) Acetophenone	7.14	105	534575	37.95	ng	# 92
24) Nitrobenzene	7.31	77	440792	39.17	ng	91
25) Isophorone	7.55	82	801999	38.56	ng	96
26) 2-Nitrophenol	7.62	139	246438	41.37	ng	# 87
27) 2,4-Dimethylphenol	7.67	122	397342	39.18	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	543297	39.57	ng	99
29) 2,4-Dichlorophenol	7.87	162	348528	39.83	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	329110	39.87	ng	97
31) Naphthalene	8.03	128	1192792	39.19	ng	100
32) Benzoic acid	7.80	122	279695	32.83	ng	95
33) 4-Chloroaniline	8.08	127	504220	39.89	ng	96
34) Hexachlorobutadiene	8.16	225	170332	40.23	ng	97
35) Caprolactam	8.46	113	107826	35.73	ng	# 68
36) 4-Chloro-3-methylphenol	8.57	107	384392	39.70	ng	93
37) 2-Methylnaphthalene	8.72	142	753984	38.92	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	292833	43.97	ng	98
40) Hexachlorocyclopentadiene	8.88	237	111064	34.30	ng	98

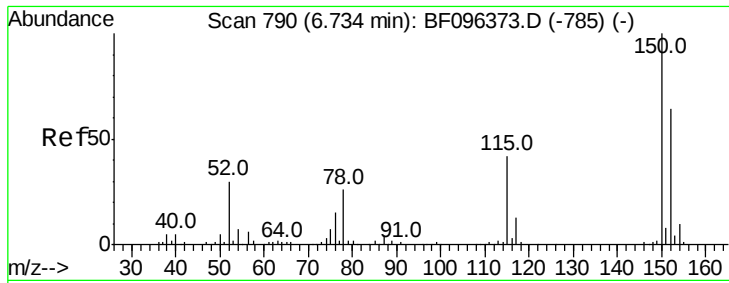
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
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Instrument :
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Quant Time: Jul 03 16:12:14 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	206682	39.23	nq	96
43) 2,4,5-Trichlorophenol	9.04	196	213016	40.89	nq	97
45) 1,1'-Biphenyl	9.19	154	867785	39.48	nq	98
46) 2-Chloronaphthalene	9.21	162	638929	39.01	nq	94
47) 2-Nitroaniline	9.30	65	222796	37.38	nq	95
48) Acenaphthylene	9.62	152	1014169	39.08	nq	99
49) Dimethylphthalate	9.49	163	769192	40.17	nq	98
50) 2,6-Dinitrotoluene	9.55	165	173005	40.86	nq	# 82
51) Acenaphthene	9.80	154	625893	39.12	nq	99
52) 3-Nitroaniline	9.71	138	208001	39.38	nq	95
53) 2,4-Dinitrophenol	9.82	184	75665	33.64	nq	# 75
54) Dibenzofuran	9.97	168	842063	39.87	nq	98
55) 4-Nitrophenol	9.87	139	173508	39.64	nq	# 69
56) 2,4-Dinitrotoluene	9.95	165	226141	42.17	nq	# 90
57) Fluorene	10.31	166	629033	42.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	147190	40.84	nq	100
59) Diethylphthalate	10.19	149	737555	40.75	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	267017	41.14	nq	92
61) 4-Nitroaniline	10.32	138	197935	41.22	nq	89
62) Azobenzene	10.46	77	642828	36.73	nq	92
64) 4,6-Dinitro-2-methylphenol	10.36	198	116083	37.94	nq	86
65) n-Nitrosodiphenylamine	10.42	169	606667	38.97	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	176985	40.98	nq	96
67) Hexachlorobenzene	10.86	284	195698	41.39	nq	# 88
68) Atrazine	10.95	200	180555	40.60	nq	94
69) Pentachlorophenol	11.05	266	113998	40.68	nq	99
70) Phenanthrene	11.26	178	941221	39.24	nq	99
71) Anthracene	11.32	178	961228	39.33	nq	99
72) Carbazole	11.47	167	965447	39.28	nq	99
73) Di-n-butylphthalate	11.81	149	1178044	39.57	nq	98
74) Fluoranthene	12.44	202	958908	40.78	nq	98
76) Benzidine	12.57	184	505845	31.83	nq	96
77) Pyrene	12.67	202	976622	36.74	nq	99
79) Butylbenzylphthalate	13.30	149	498846	37.07	nq	# 82
80) Benzo(a)anthracene	13.86	228	735361	38.34	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	313342	39.78	nq	# 96
82) Chrysene	13.90	228	772161	38.45	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	562801	37.47	nq	99
84) Di-n-octyl phthalate	14.47	149	1121784	37.92	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.65	276	614859	38.78	nq	100
87) Benzo(b)fluoranthene	14.88	252	715421	38.34	nq	98
88) Benzo(k)fluoranthene	14.88	252	715421	42.86	nq	97
89) Benzo(a)pyrene	15.22	252	658396	39.52	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	498815	38.06	nq	97
91) Benzo(g,h,i)perylene	17.06	276	501026	36.89	nq	96

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

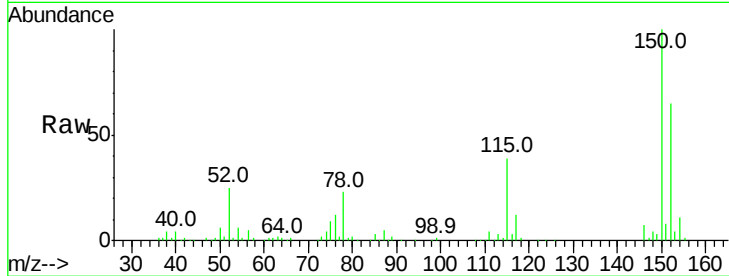


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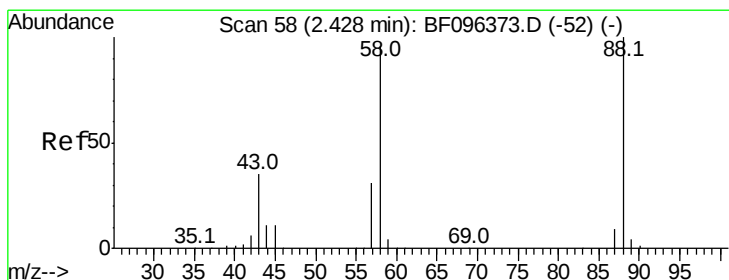
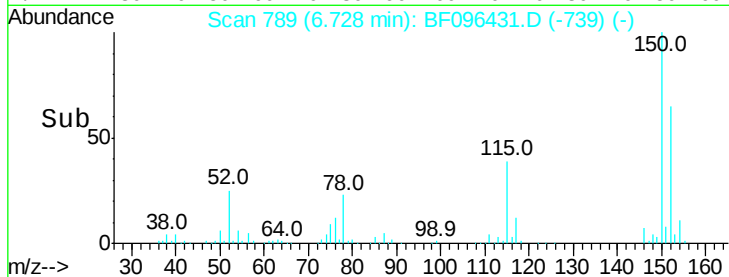
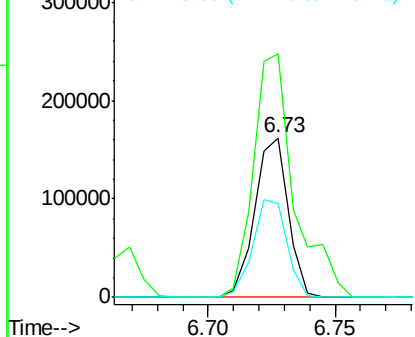
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149818
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.2
115 59.3 52.2 78.2



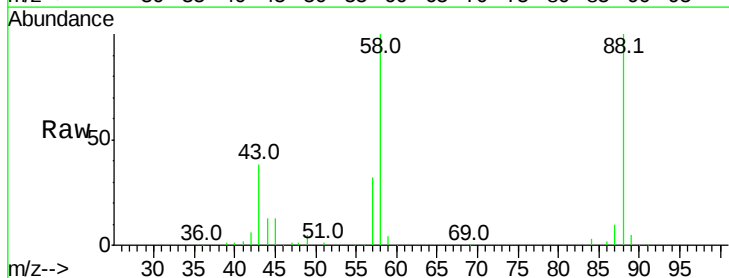
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



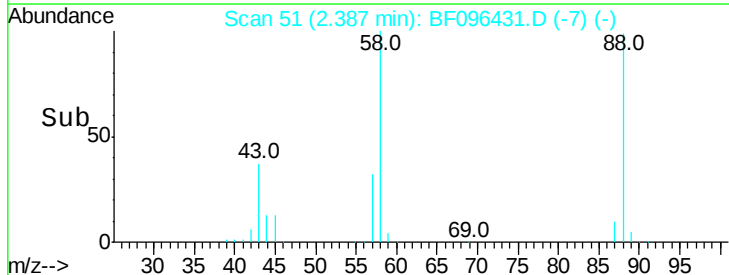
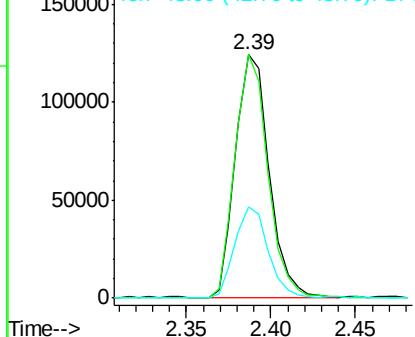
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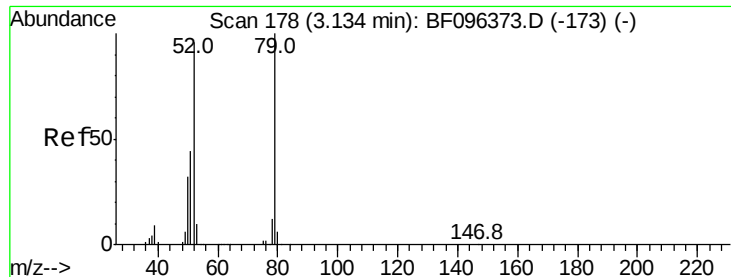
1,4-Dioxane
Concen: 35.67 ng
RT: 2.39 min Scan# 51
Delta R.T. -0.04 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion: 88 Resp: 171677
Ion Ratio Lower Upper
88 100
58 98.0 61.4 92.0#
43 37.9 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: 34.63 ng

RT: 3.09 min Scan# 170

Delta R.T. -0.05 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

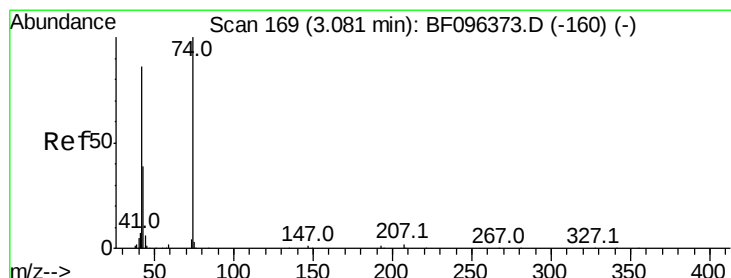
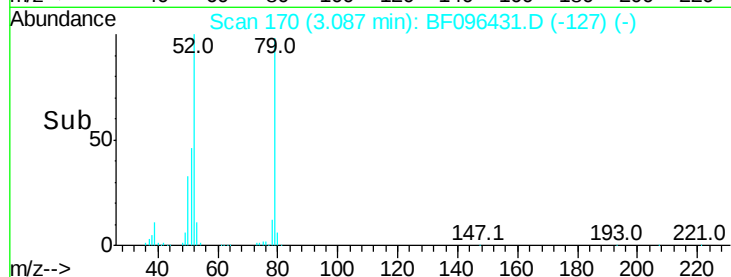
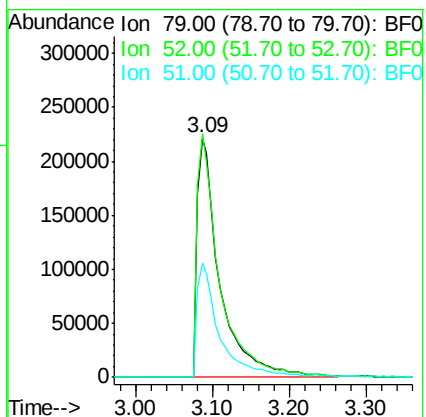
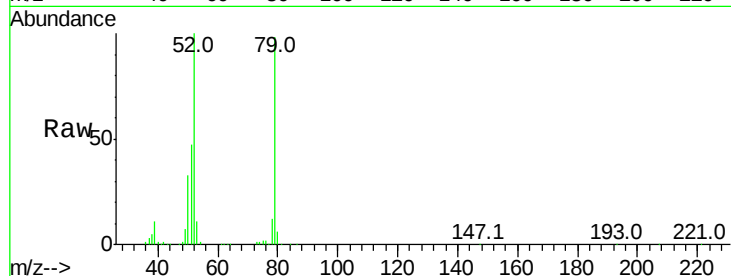
Tot Ion: 79 Resp: 457343

Ion Ratio Lower Upper

79 100

52 102.0 54.8 82.2#

51 47.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 36.60 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.05 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

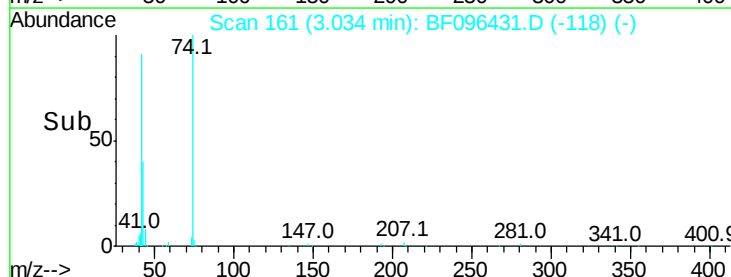
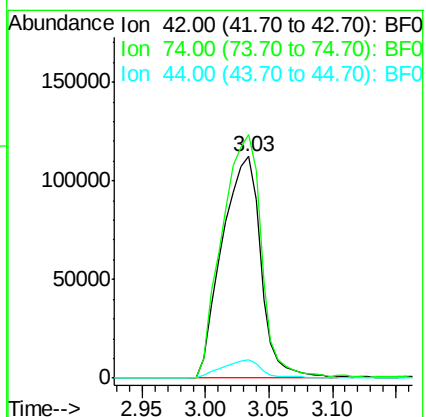
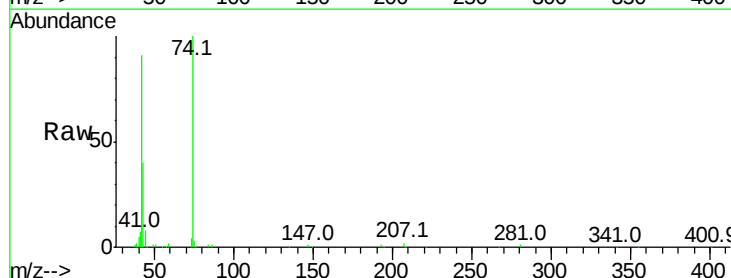
Tgt Ion: 42 Resp: 238573

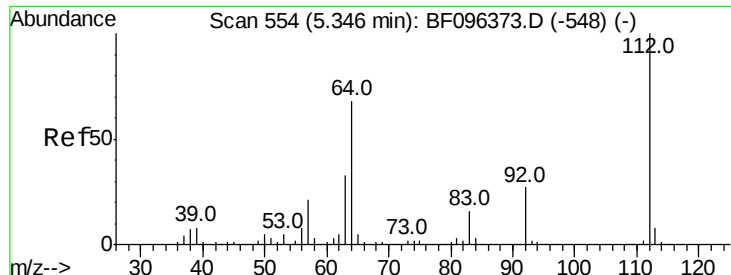
Ion Ratio Lower Upper

42 100

74 109.9 103.9 155.9

44 8.5 5.7 8.5#

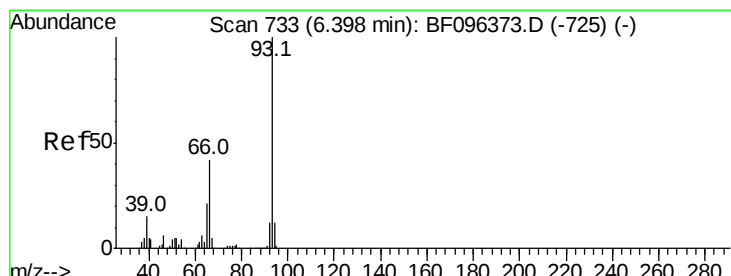
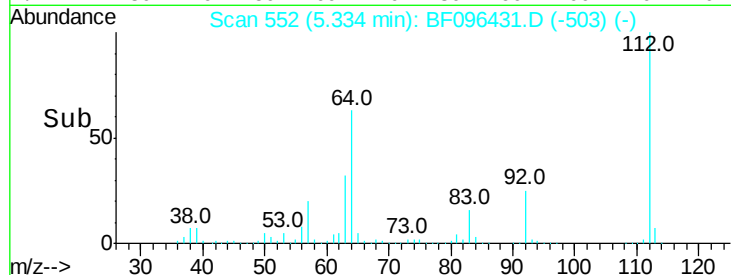
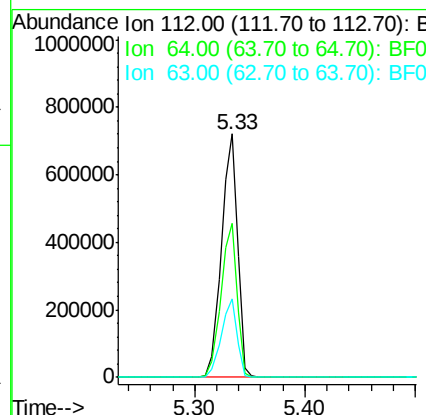
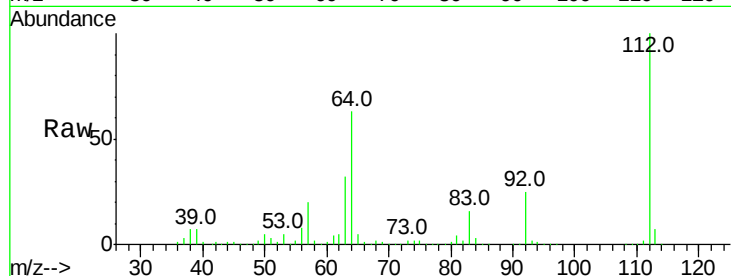




#5
 2-Fluorophenol
 Concen: 71.57 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

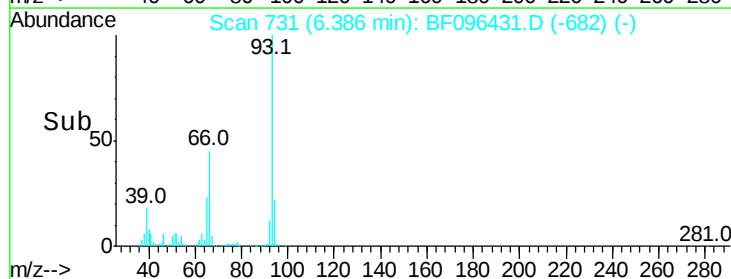
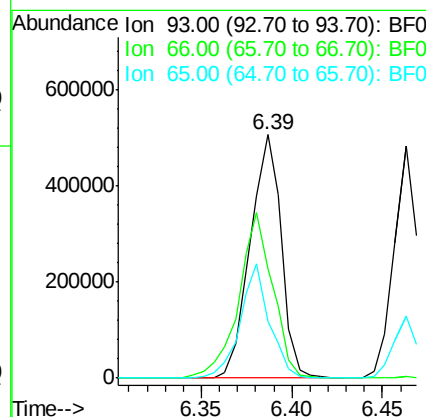
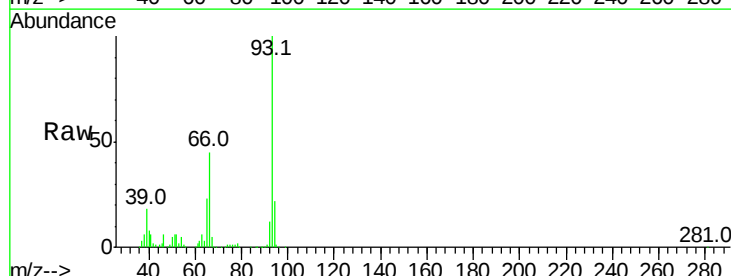
Instrument :
 BNA_F
 ClientSampleId :

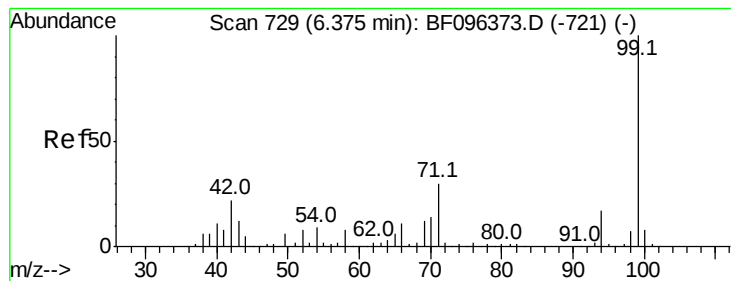
Tot Ion:	112	Resp:	726467
Ion Ratio	Lower	Upper	
112	100		
64	63.2	46.0	69.0
63	32.3	23.4	35.0



#6
 Aniline
 Concen: 37.31 ng
 RT: 6.39 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Tgt Ion:	93	Resp:	601701
Ion Ratio	Lower	Upper	
93	100		
66	45.0	32.9	49.3
65	23.3	16.0	24.0





#7

Phenol-d6

Concen: 73.86 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampled :

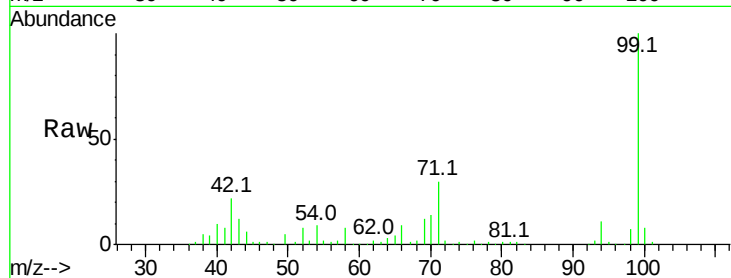
Tot Ion: 99 Resp: 921638

Ion Ratio Lower Upper

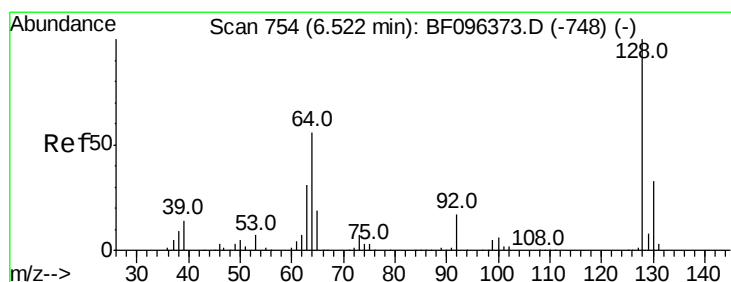
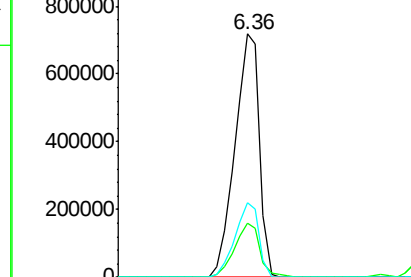
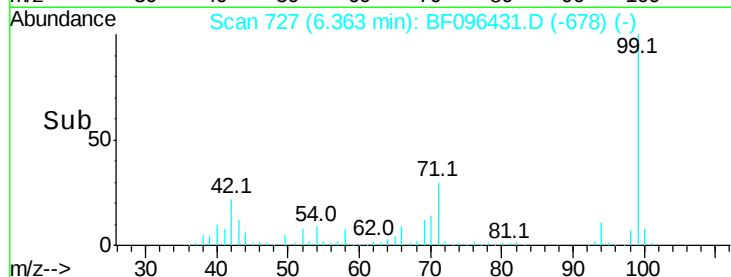
99 100

42 22.5 13.5 20.3#

71 30.5 24.5 36.7



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



#8

2-Chlorophenol

Concen: 39.16 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

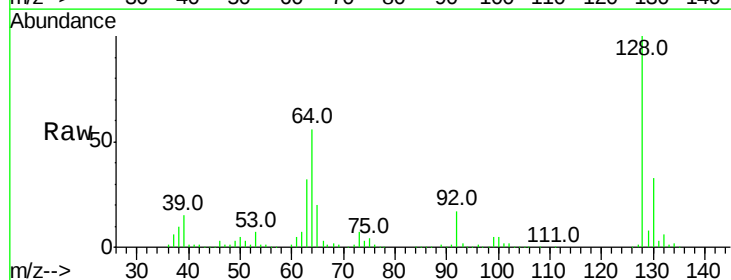
Tgt Ion: 128 Resp: 423927

Ion Ratio Lower Upper

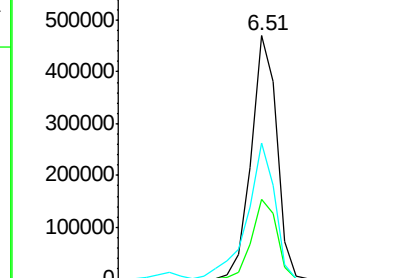
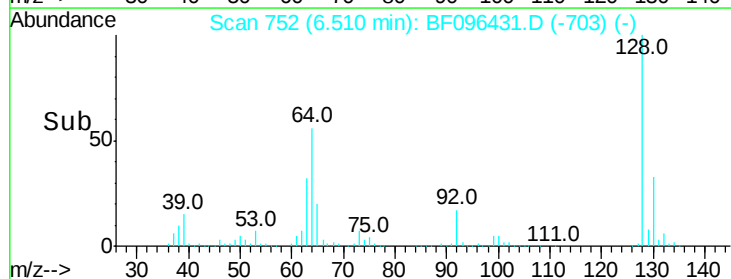
128 100

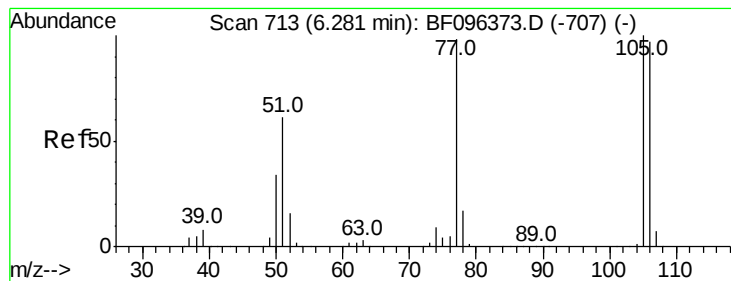
130 32.8 12.9 52.9

64 55.8 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: 37.69 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

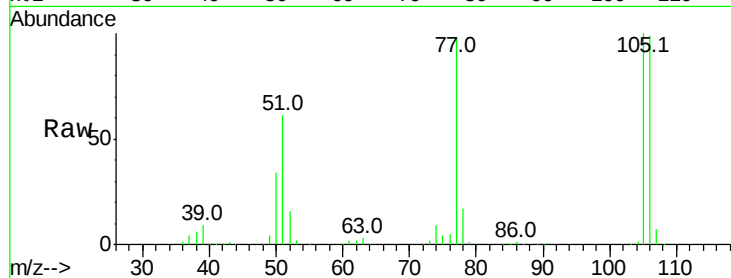
Tot Ion: 77 Resp: 294314

Ion Ratio Lower Upper

77 100

105 101.6 83.8 123.8

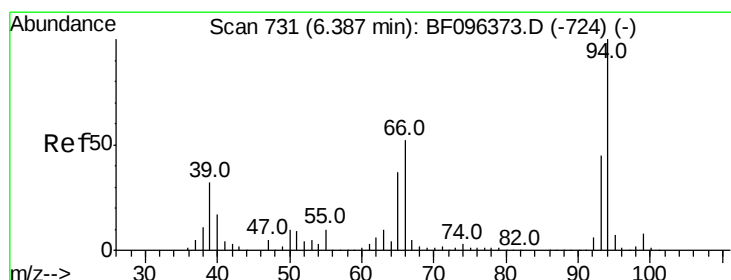
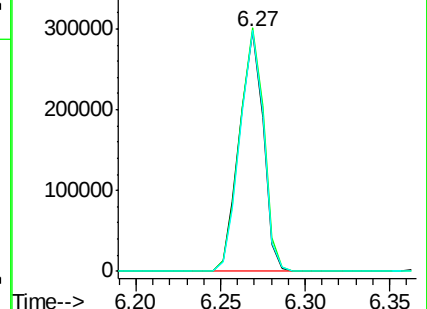
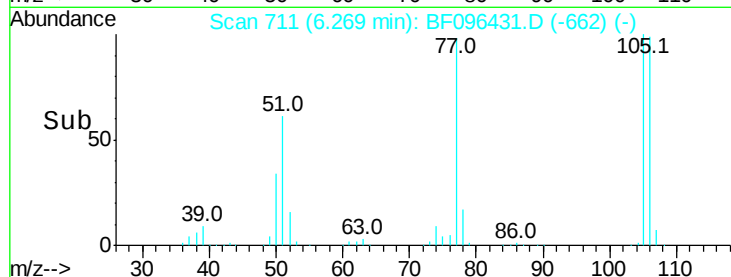
106 100.7 79.1 119.1



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: 36.75 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

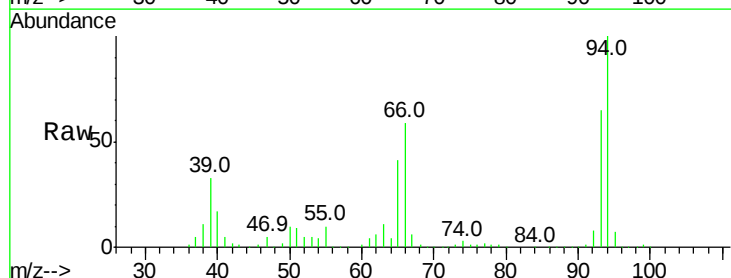
Tgt Ion: 94 Resp: 522391

Ion Ratio Lower Upper

94 100

65 40.7 9.9 49.9

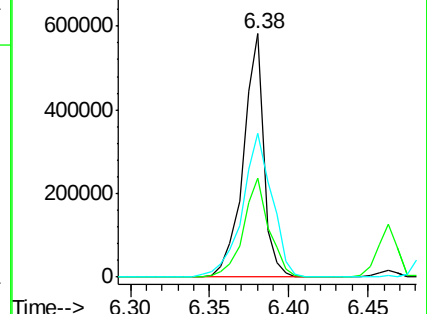
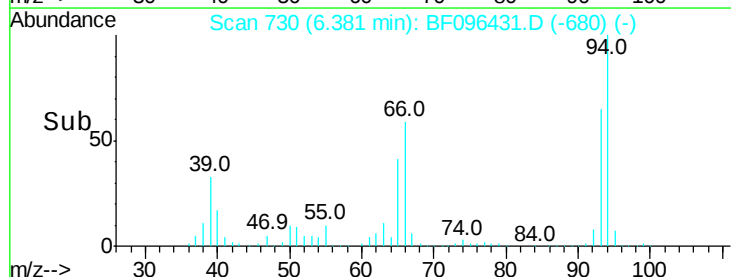
66 59.2 23.1 63.1

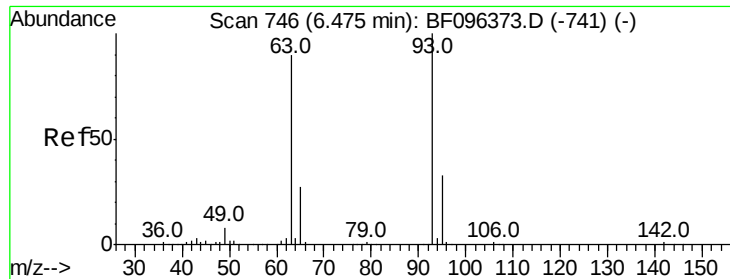


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.97 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

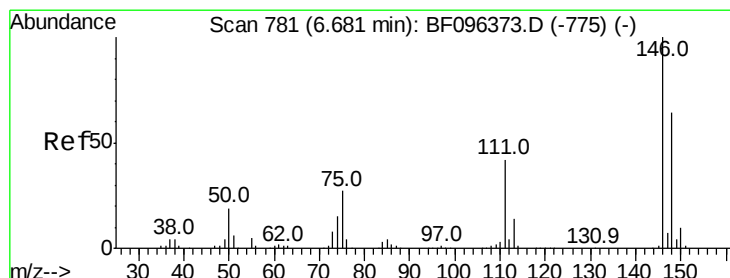
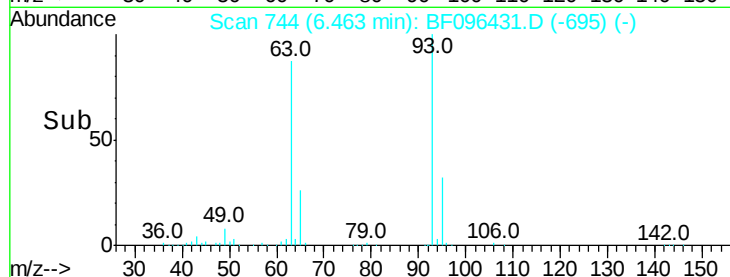
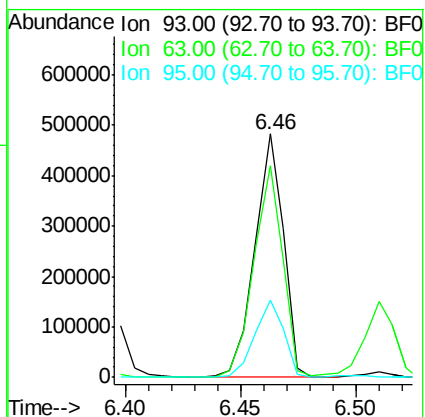
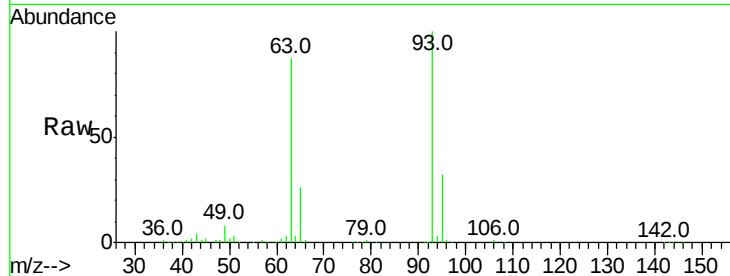
Tot Ion: 93 Resp: 417195

Ion Ratio Lower Upper

93 100

63 87.1 59.2 99.2

95 31.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.70 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

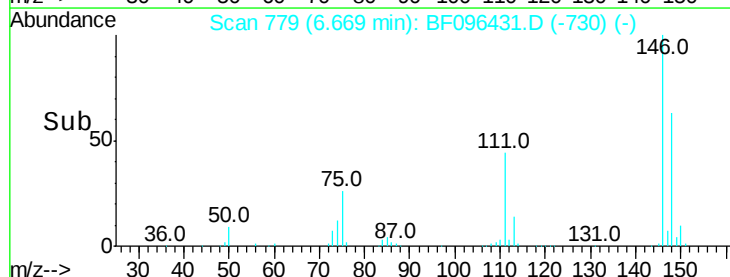
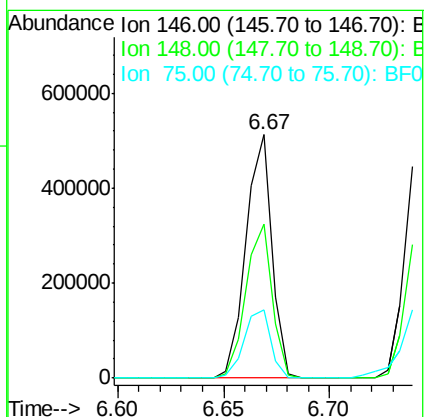
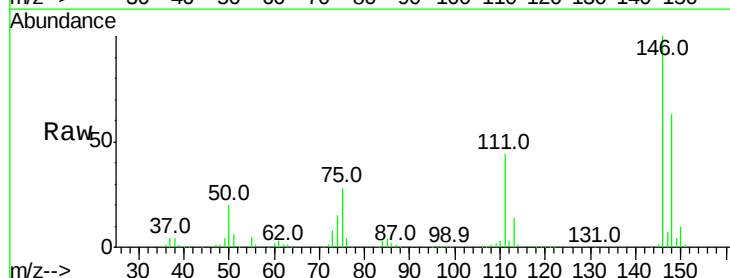
Tgt Ion: 146 Resp: 439270

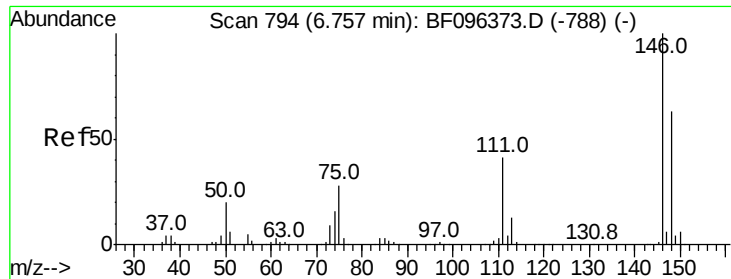
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 27.9 23.1 34.7

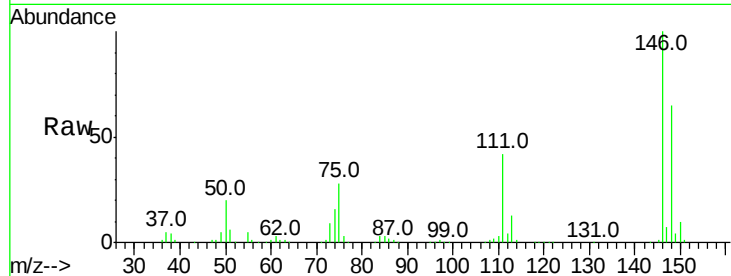




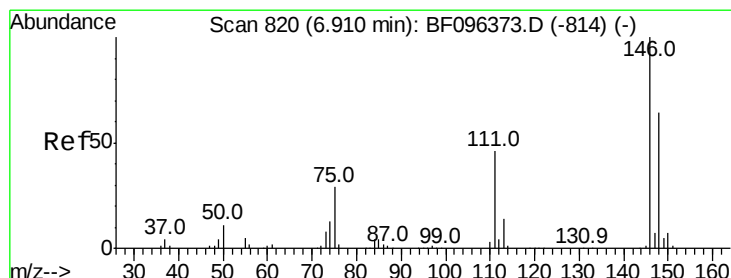
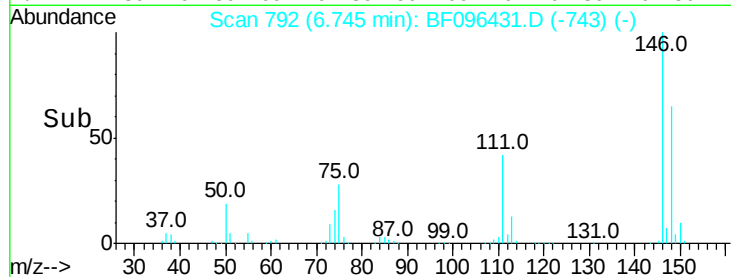
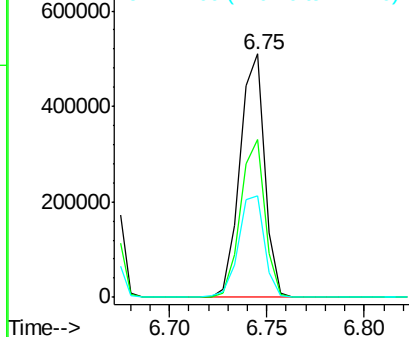
#13
 1,4-Dichlorobenzene
 Concen: 39.53 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 448482
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 41.8 30.3 45.5

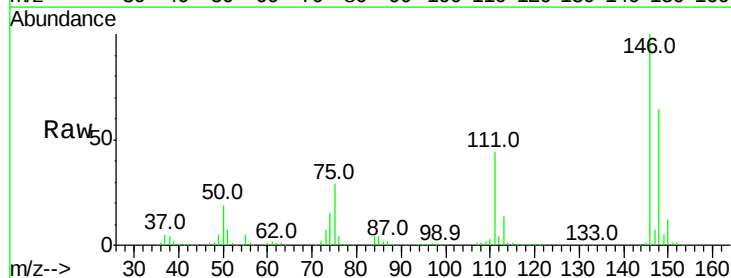


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

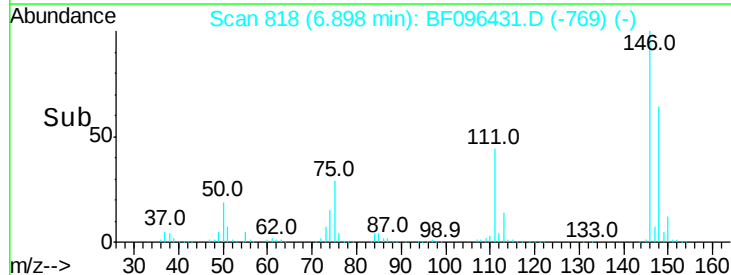
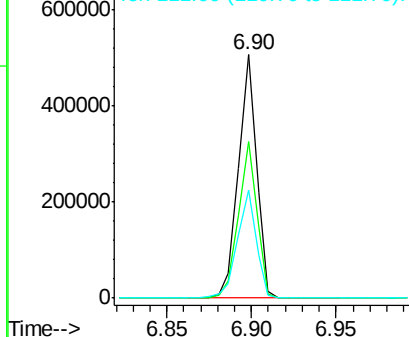


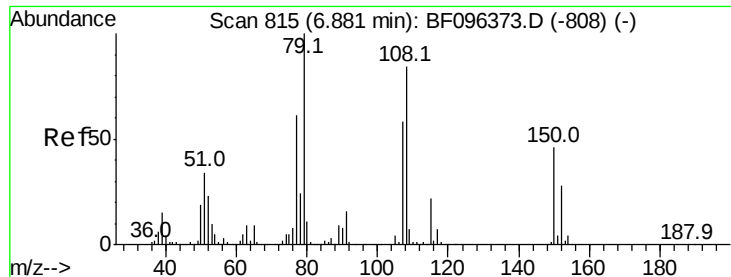
#14
 1,2-Dichlorobenzene
 Concen: 36.33 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Tgt Ion:146 Resp: 378413
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 44.4 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: 36.30 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampled :

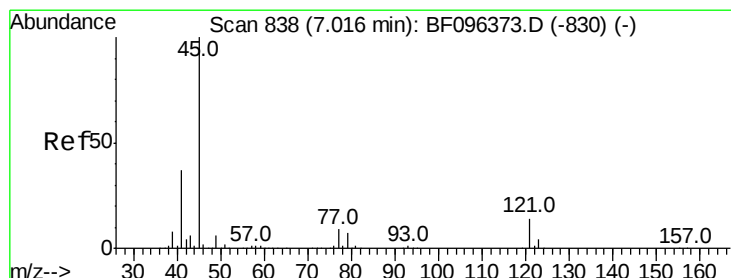
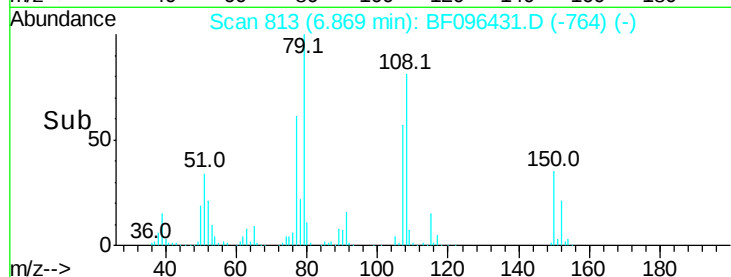
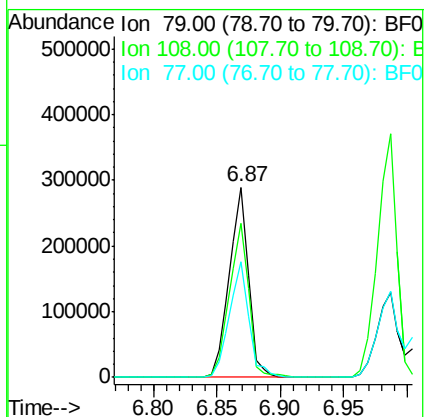
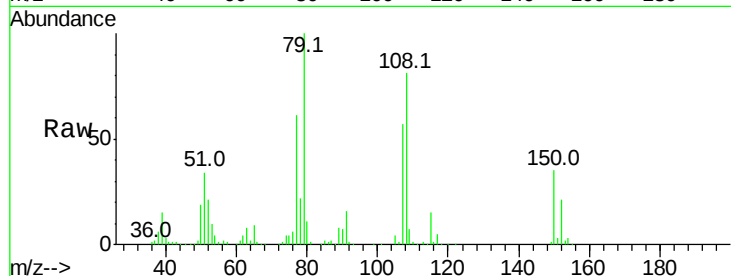
Tot Ion: 79 Resp: 302783

Ion Ratio Lower Upper

79 100

108 80.8 63.4 95.0

77 60.6 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.54 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

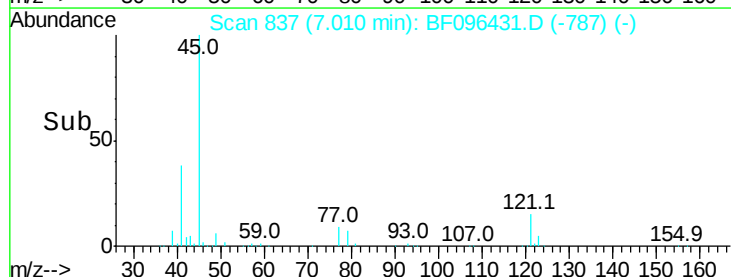
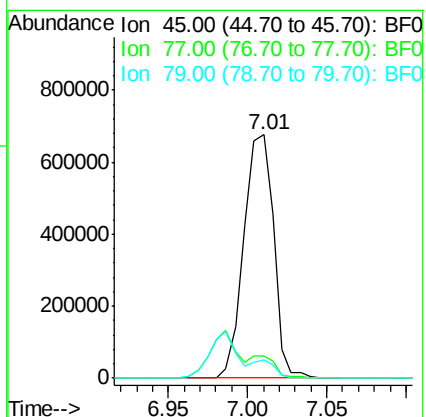
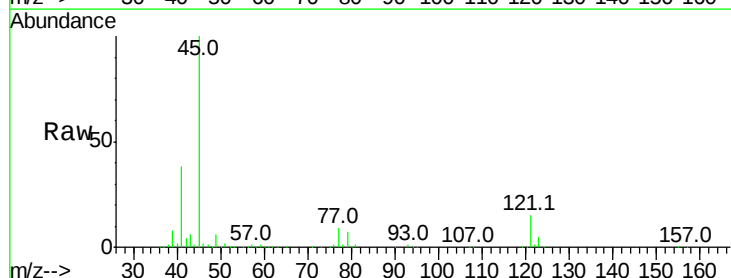
Tgt Ion: 45 Resp: 883101

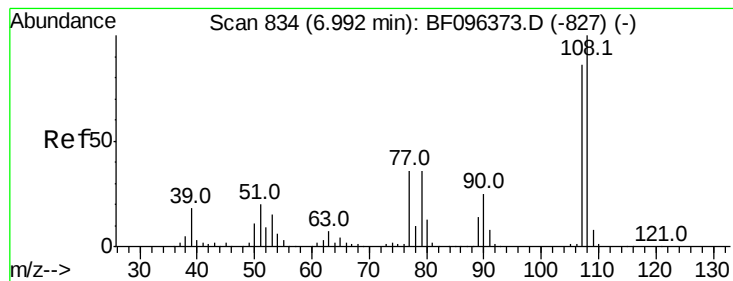
Ion Ratio Lower Upper

45 100

77 9.4 0.0 33.2

79 7.4 0.0 30.0





#17

2-Methylphenol

Concen: 39.05 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 336865

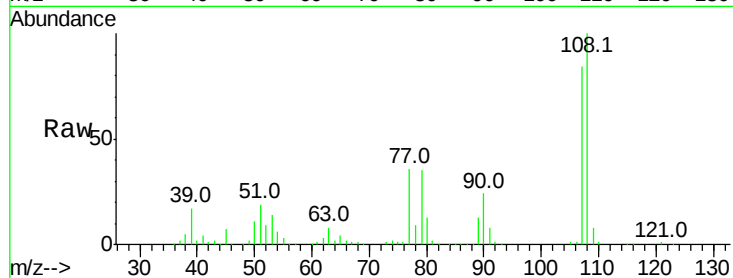
Ion Ratio Lower Upper

107 100

108 118.8 93.4 140.0

77 42.2 35.8 53.6

79 41.4 34.8 52.2

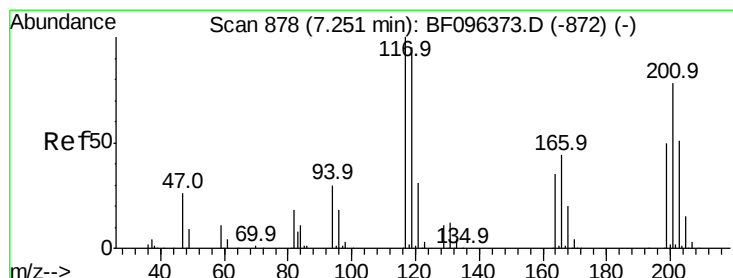
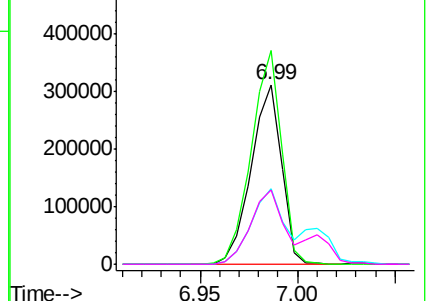
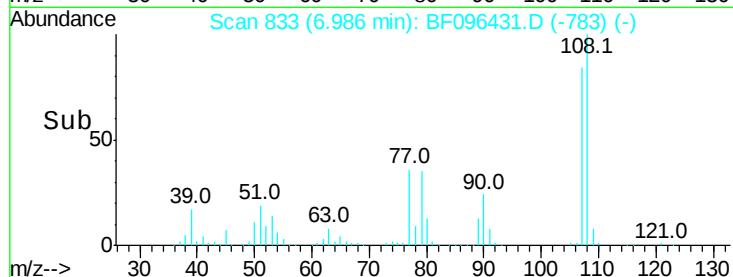


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.94 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

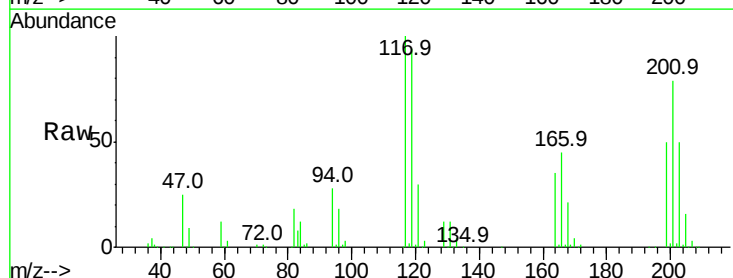
Tgt Ion:117 Resp: 164243

Ion Ratio Lower Upper

117 100

119 94.0 77.4 116.0

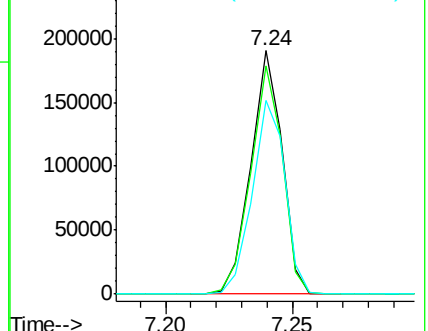
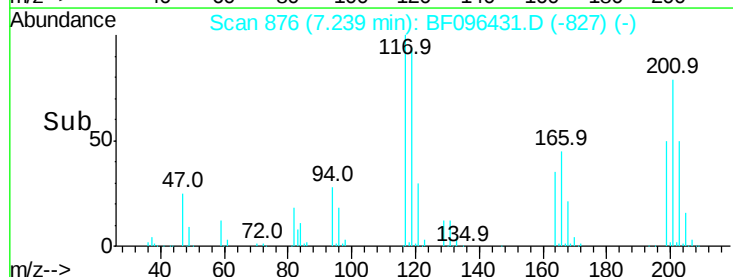
201 79.5 94.6 141.8#

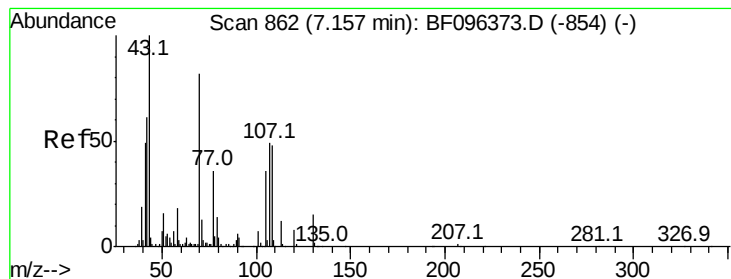


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.97 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 289727

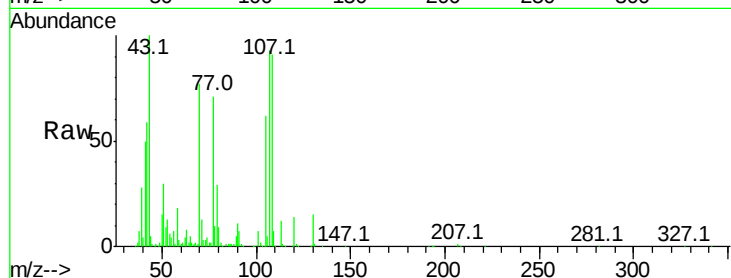
Ion Ratio Lower Upper

70 100

42 77.3 47.2 70.8#

101 9.4 7.2 10.8

130 19.0 15.9 23.9

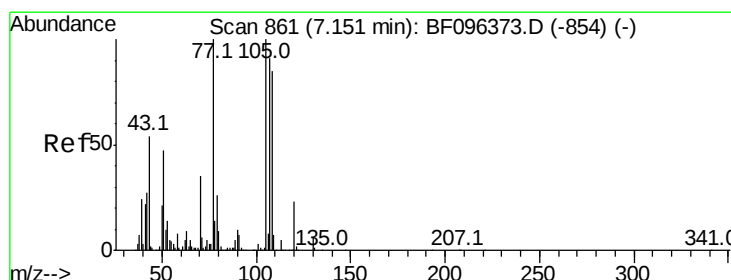
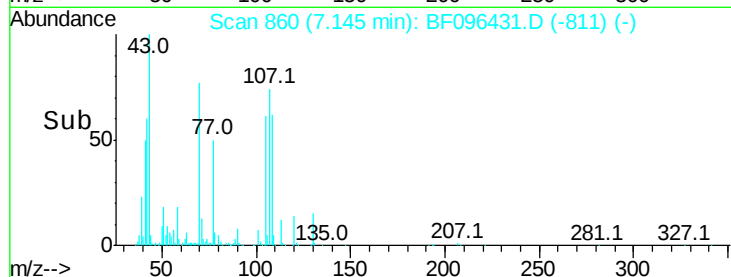
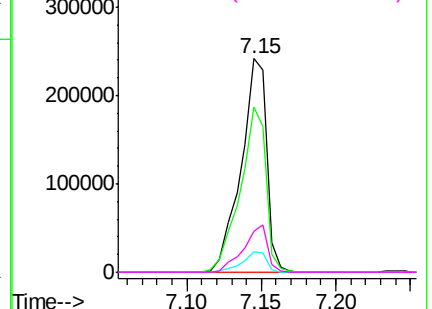


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.39 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Tgt Ion:107 Resp: 388585

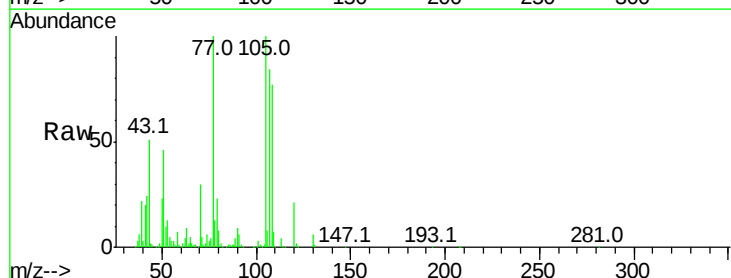
Ion Ratio Lower Upper

107 100

108 92.1 71.0 111.0

77 119.4 90.5 130.5

79 27.4 8.4 48.4

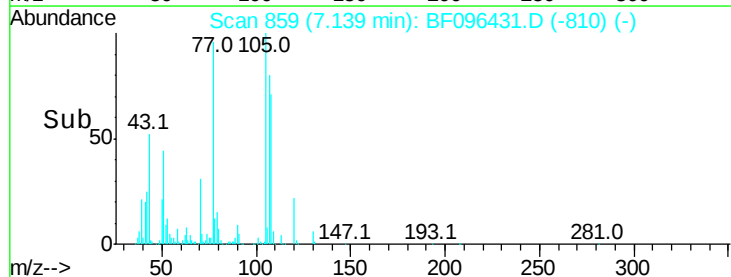
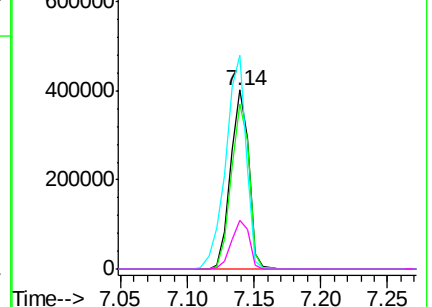


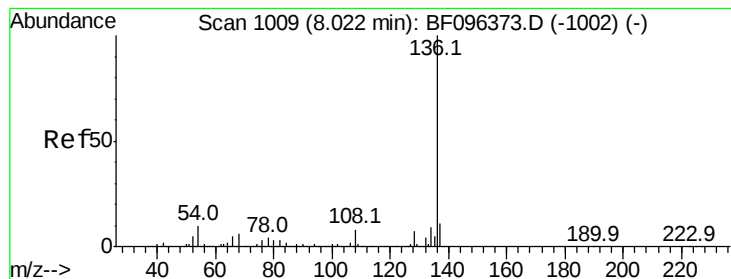
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 644639

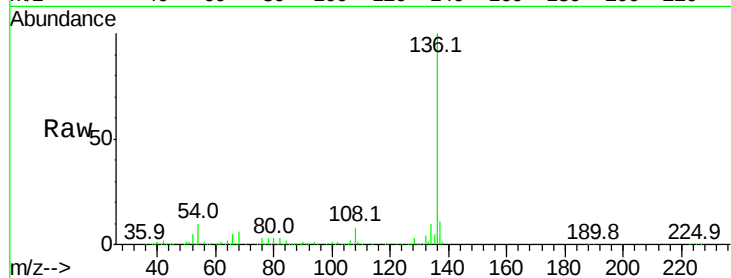
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.1 4.9 7.3#

68 5.7 4.1 6.1

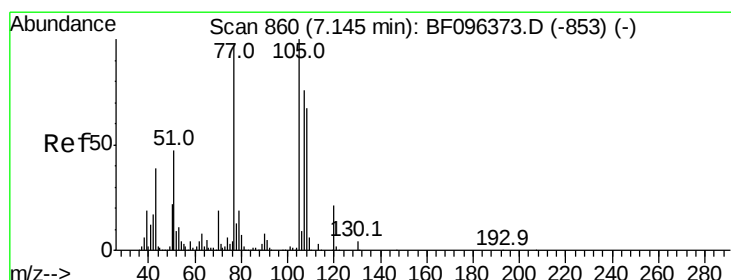
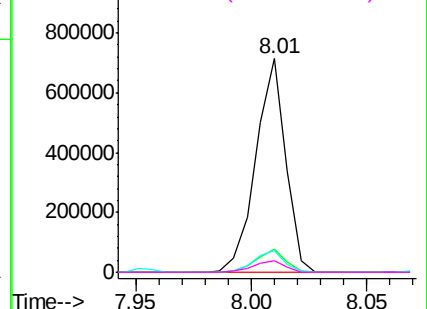
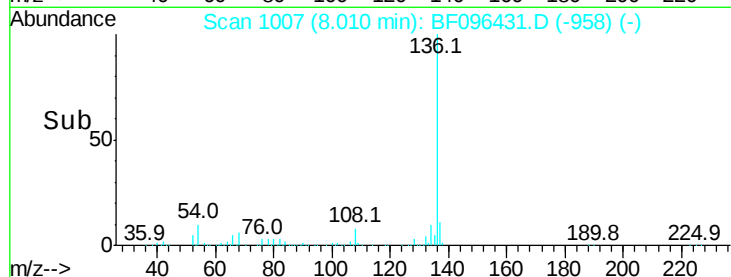


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.95 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Tgt Ion:105 Resp: 534575

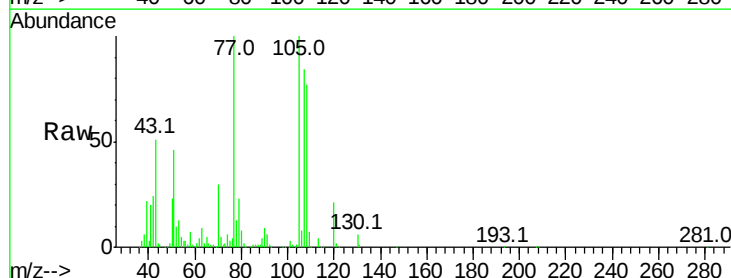
Ion Ratio Lower Upper

105 100

71 5.1 2.8 4.2#

51 46.5 30.7 46.1#

120 21.6 17.4 26.0

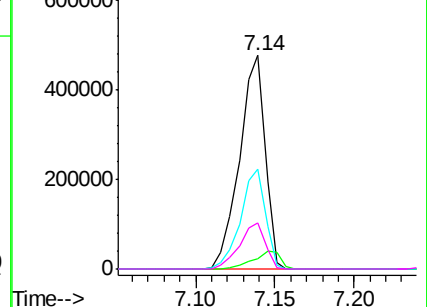
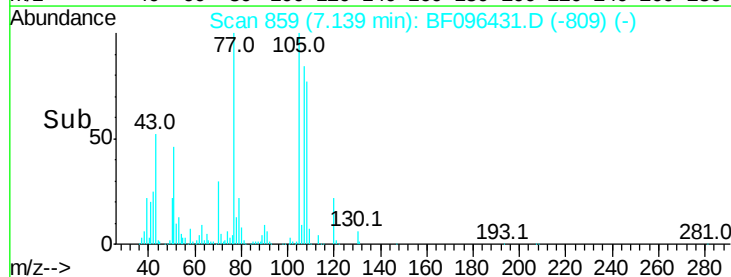


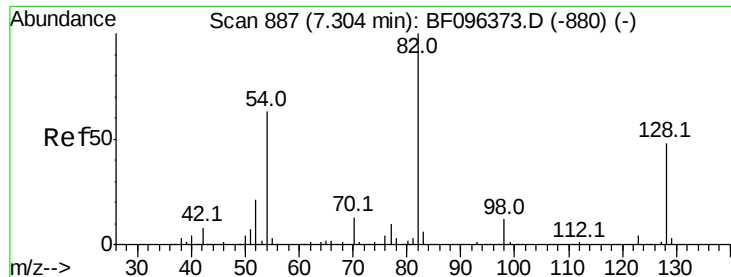
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.11 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

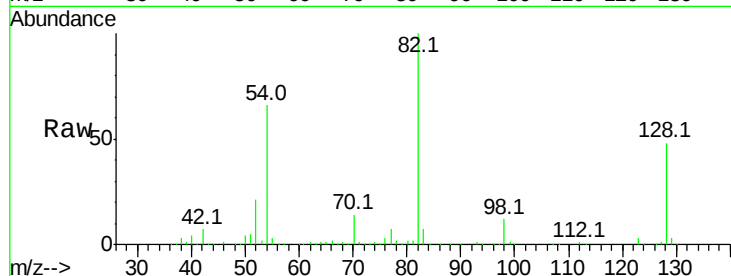
Tot Ion: 82 Resp: 837895

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

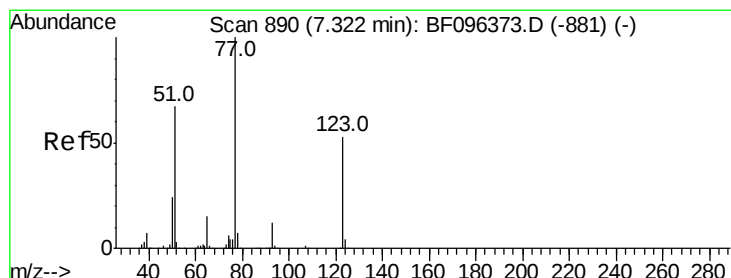
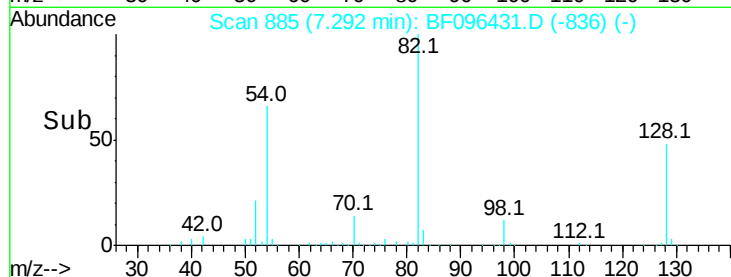
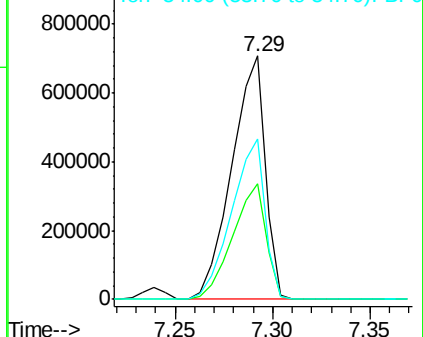
54 65.7 42.2 63.2#



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: 39.17 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

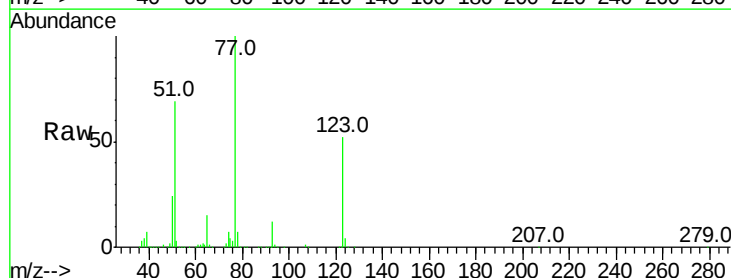
Tgt Ion: 77 Resp: 440792

Ion Ratio Lower Upper

77 100

123 51.5 35.8 53.8

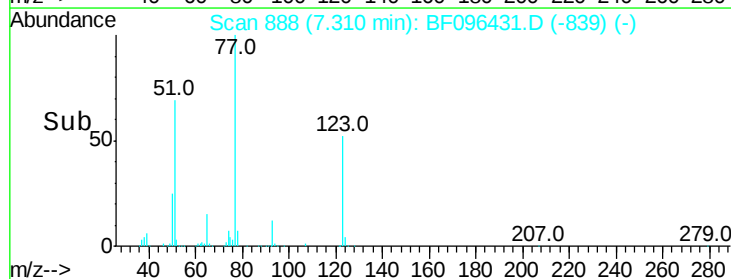
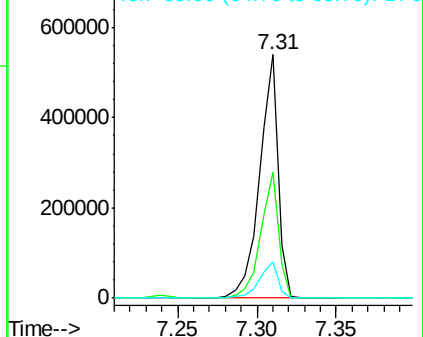
65 15.0 10.6 15.8

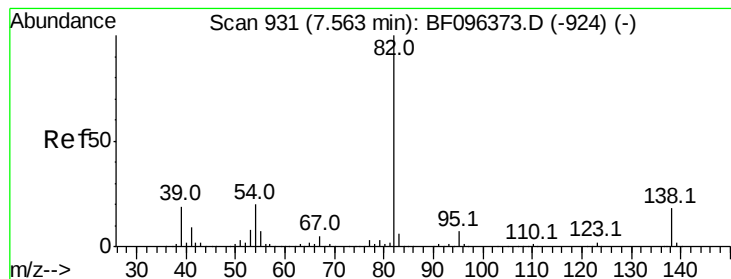


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.56 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

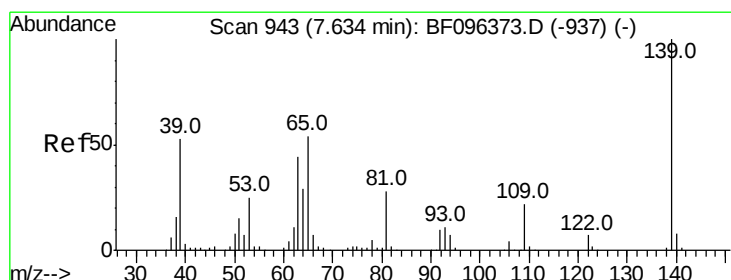
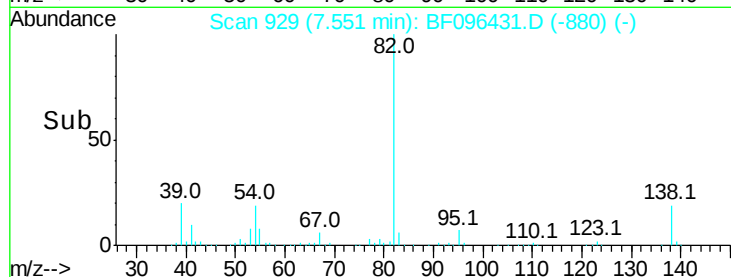
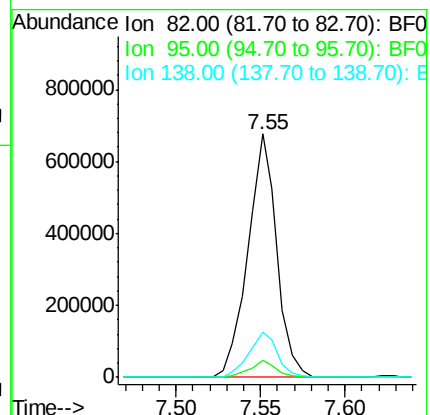
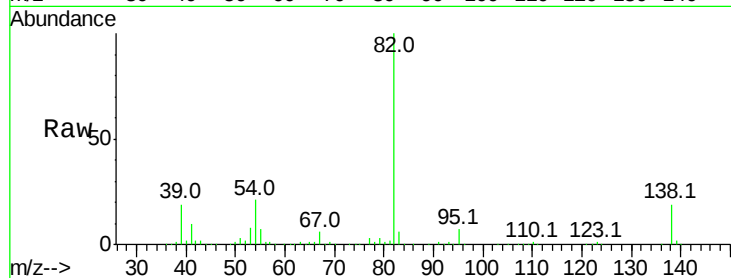
Tot Ion: 82 Resp: 801999

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 41.37 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

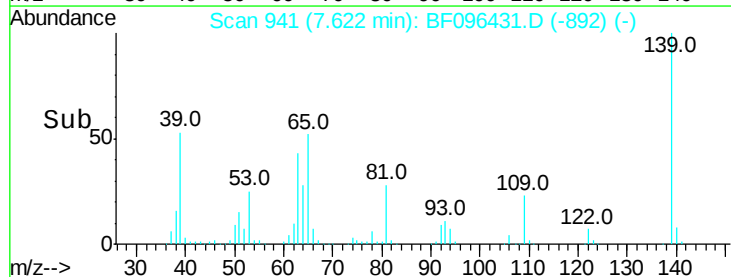
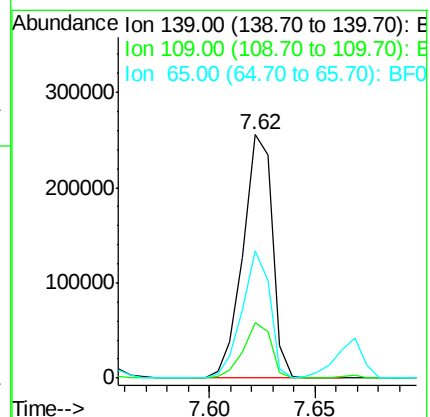
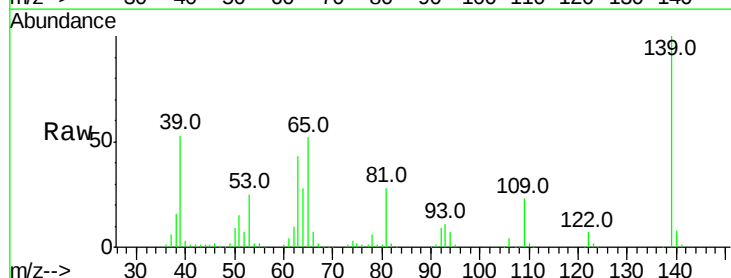
Tgt Ion: 139 Resp: 246438

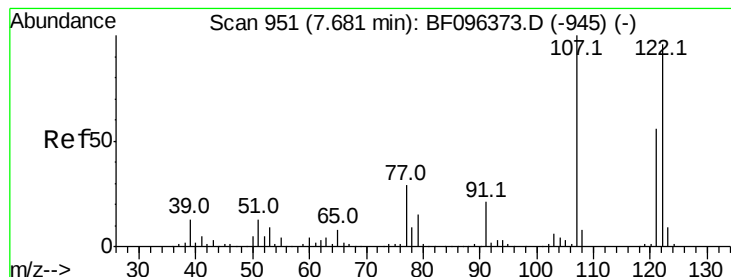
Ion Ratio Lower Upper

139 100

109 22.7 21.0 31.6

65 52.0 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.18 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

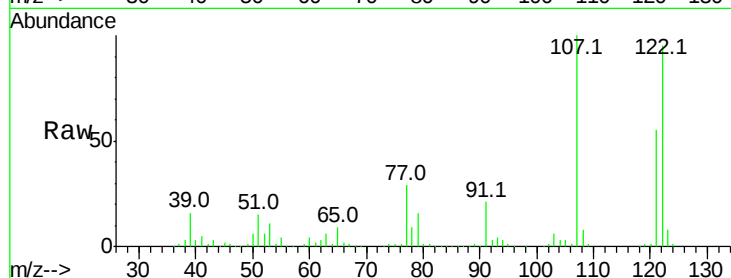
Tot Ion:122 Resp: 397342

Ion Ratio Lower Upper

122 100

107 105.5 89.2 133.8

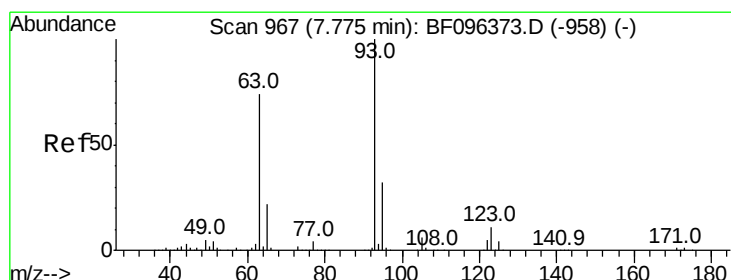
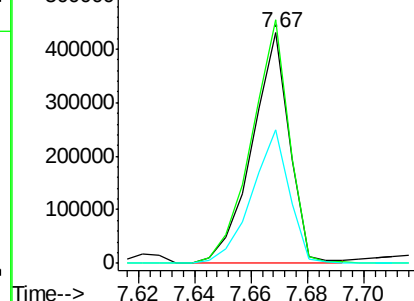
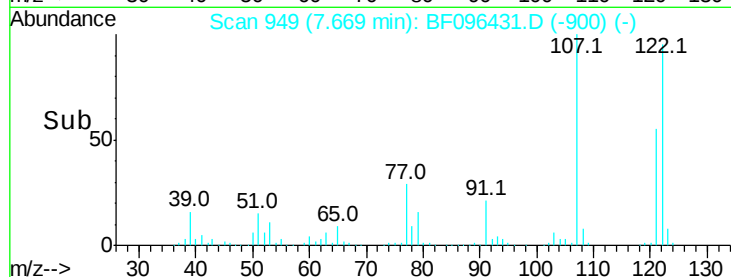
121 57.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.57 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

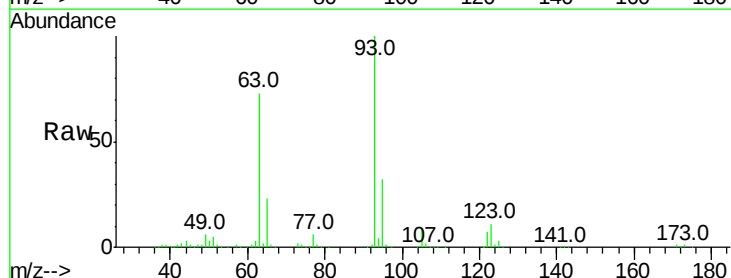
Tgt Ion: 93 Resp: 543297

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

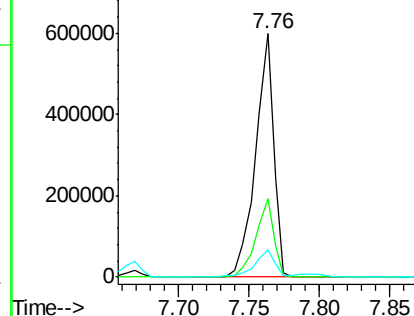
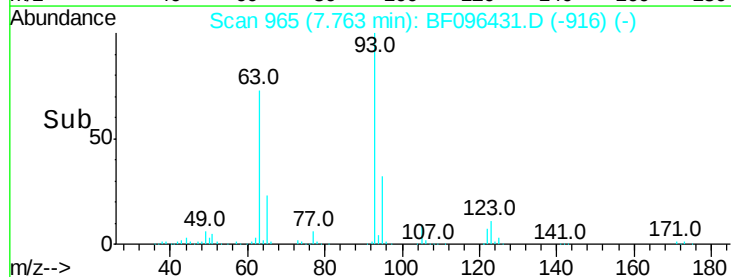
123 11.0 9.0 13.4

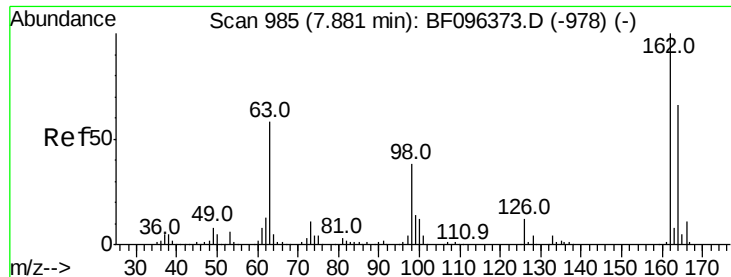


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

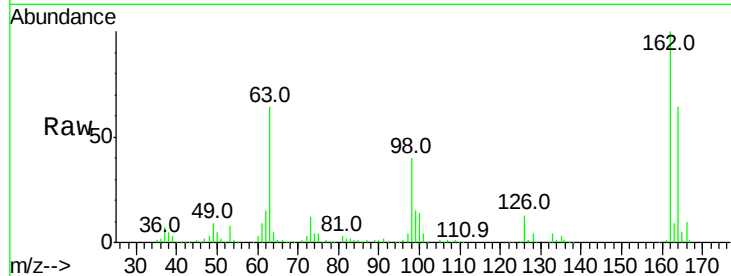




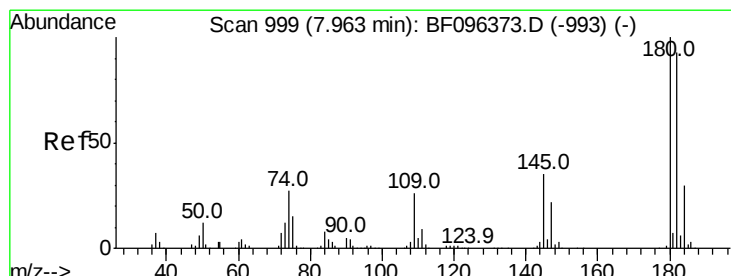
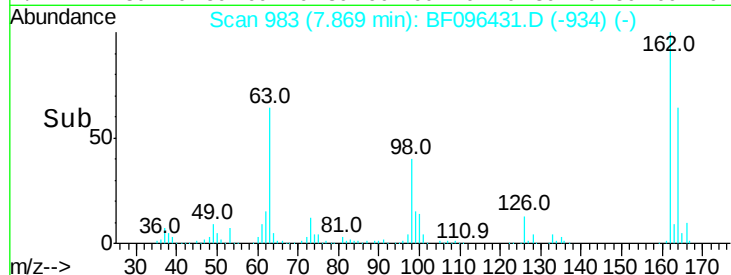
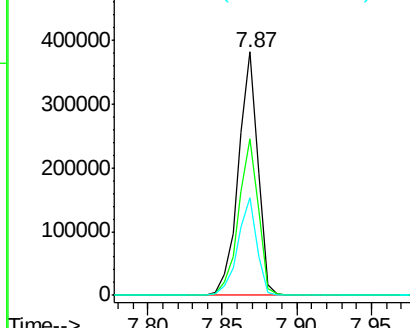
#29
 2,4-Dichlorophenol
 Concen: 39.83 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 348528
 Ion Ratio Lower Upper
 162 100
 164 64.5 44.6 84.6
 98 39.9 14.8 54.8

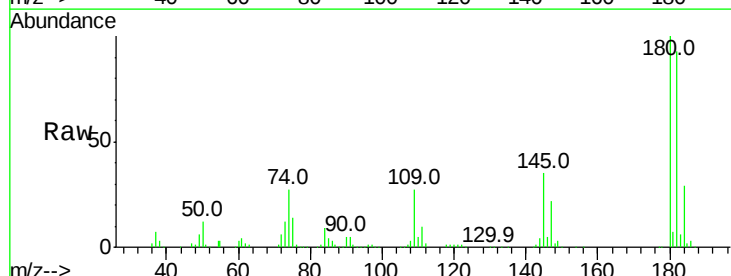


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

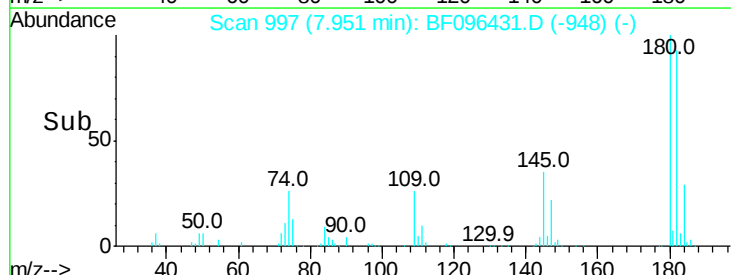
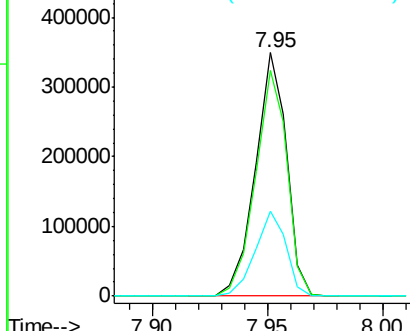


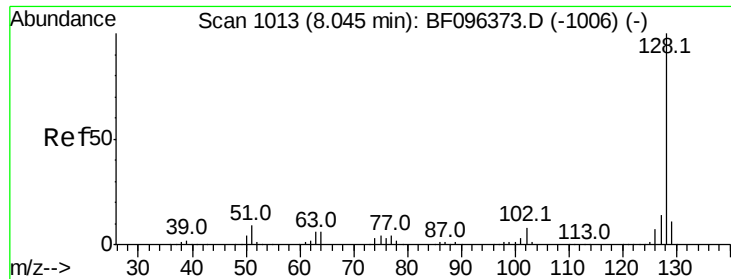
#30
 1,2,4-Trichlorobenzene
 Concen: 39.87 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Tgt Ion:180 Resp: 329110
 Ion Ratio Lower Upper
 180 100
 182 92.7 75.8 113.6
 145 34.9 25.3 37.9



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

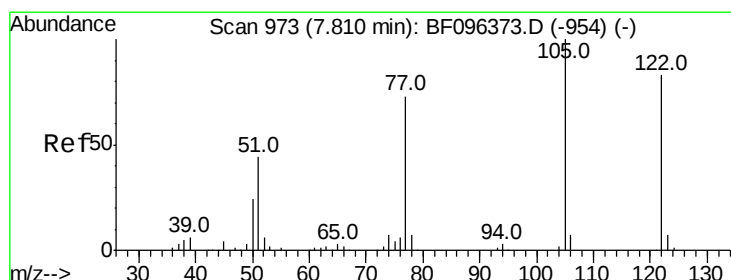
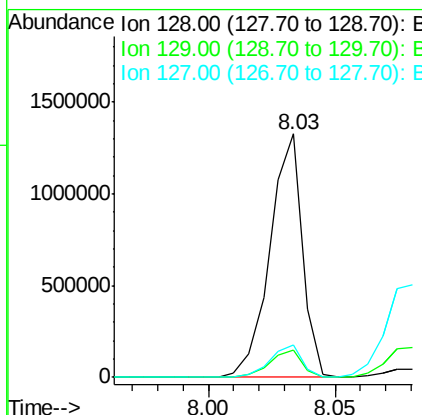
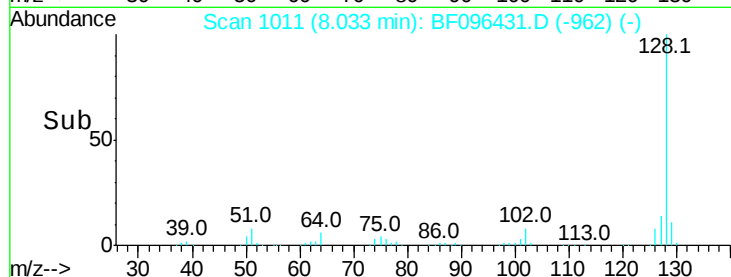
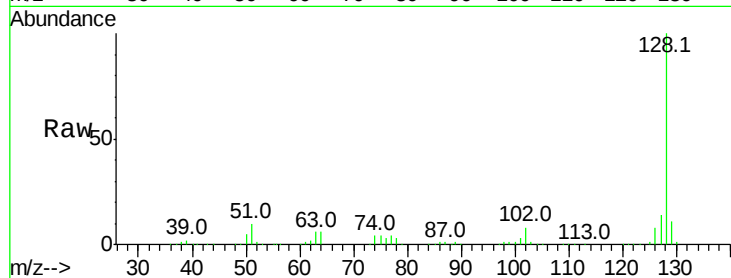




#31
Naphthalene
Concen: 39.19 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

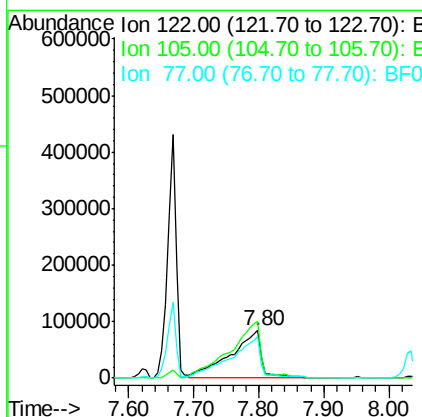
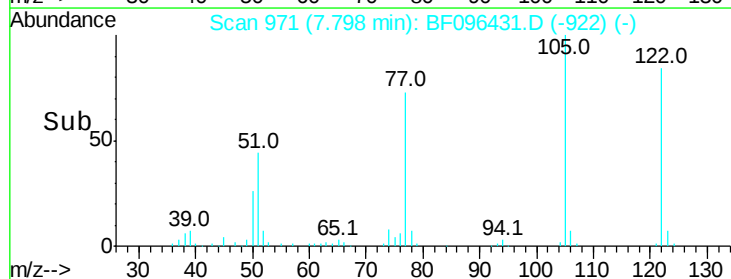
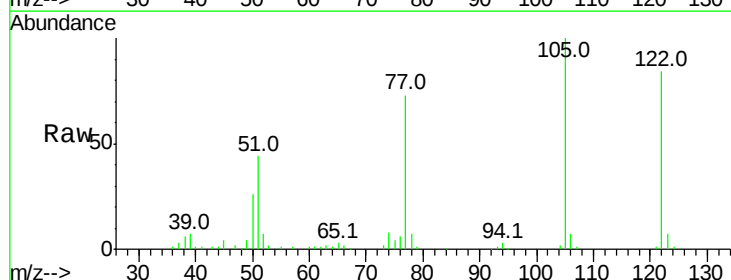
Instrument :
BNA_F
ClientSampleId :

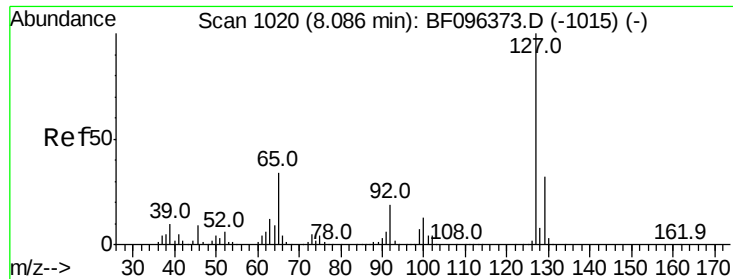
Tot Ion:128 Resp: 1192792
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 32.83 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion:122 Resp: 279695
Ion Ratio Lower Upper
122 100
105 119.1 103.3 143.3
77 86.6 73.7 113.7

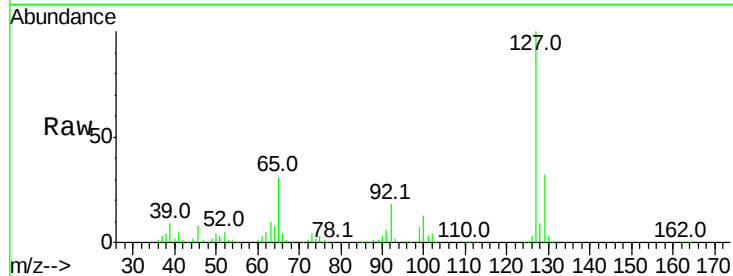




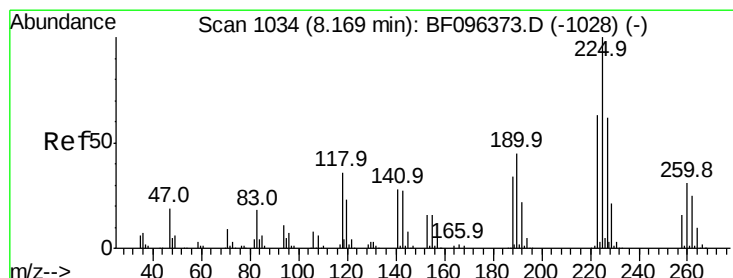
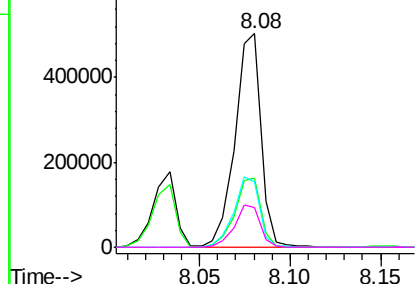
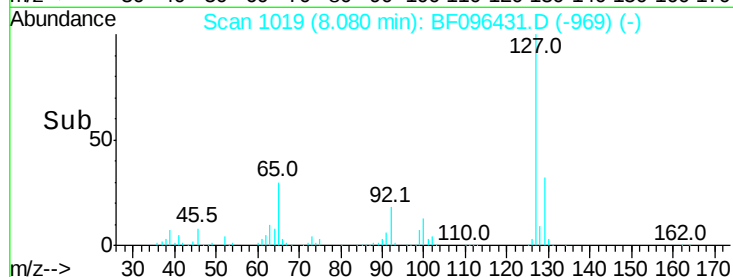
#33
4-Chloroaniline
Concen: 39.89 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	504220
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	30.7	27.8	41.8
92	18.4	16.8	25.2

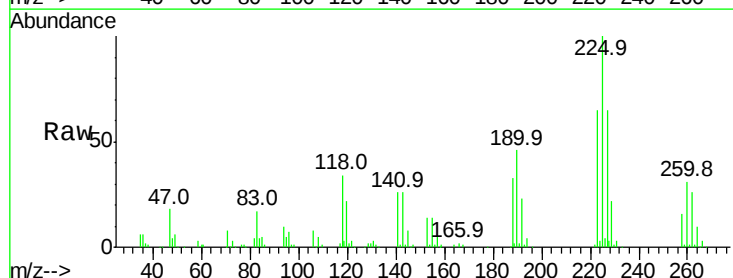


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

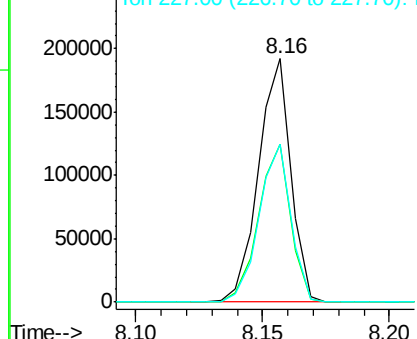
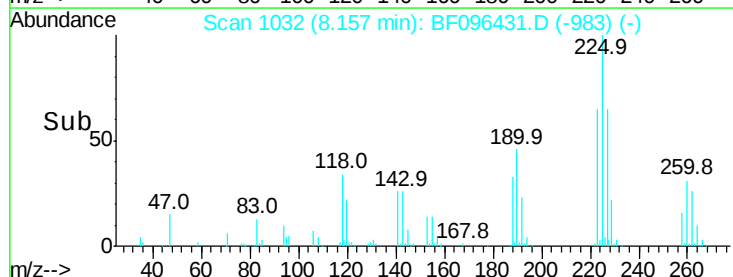


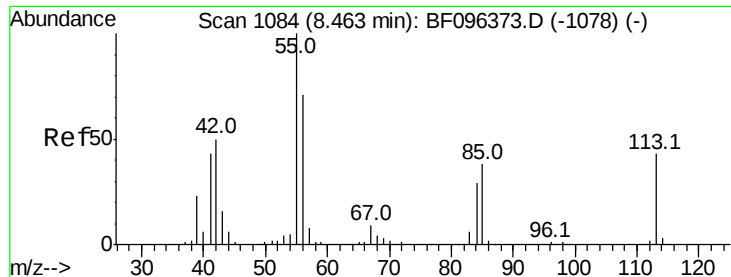
#34
Hexachlorobutadiene
Concen: 40.23 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion:	225	Resp:	170332
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	64.8	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

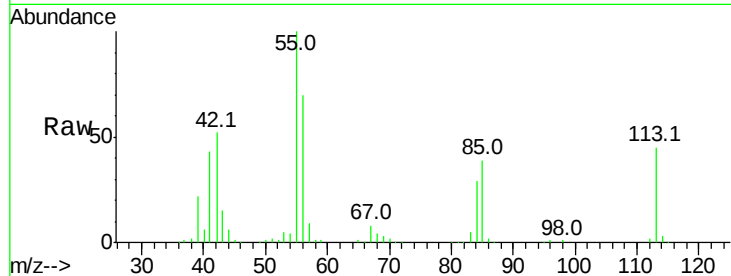




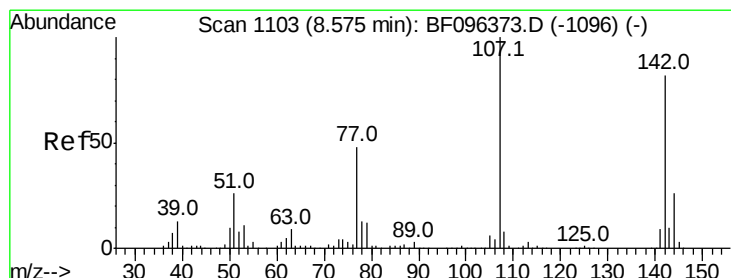
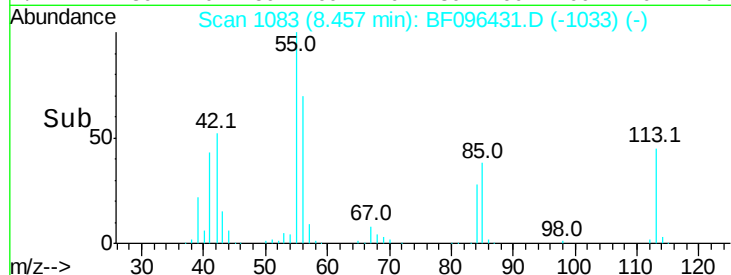
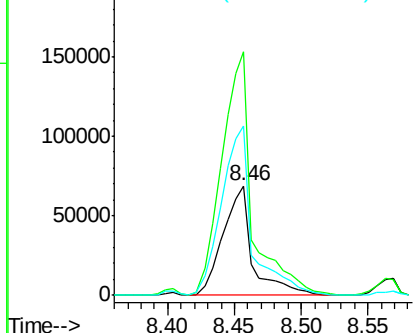
#35
Caprolactam
Concen: 35.73 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 107826
Ion Ratio Lower Upper
113 100
55 221.9 150.2 190.2#
56 154.7 107.8 147.8#

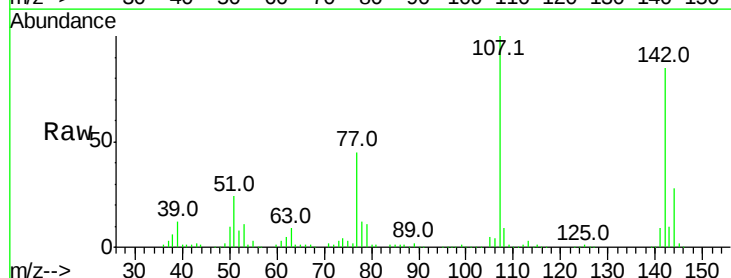


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

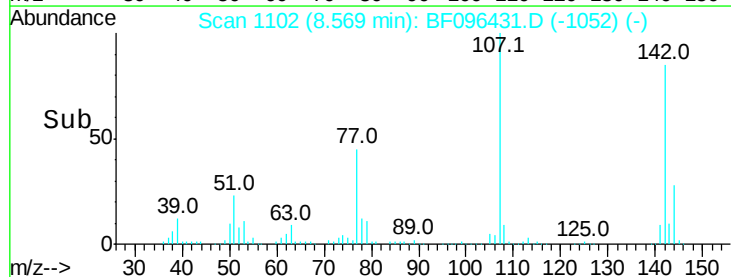
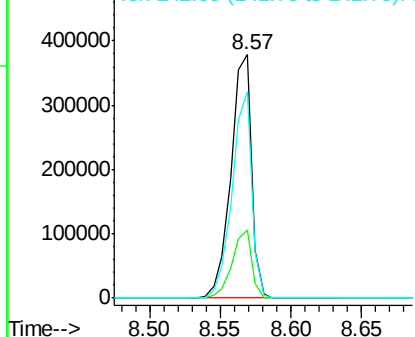


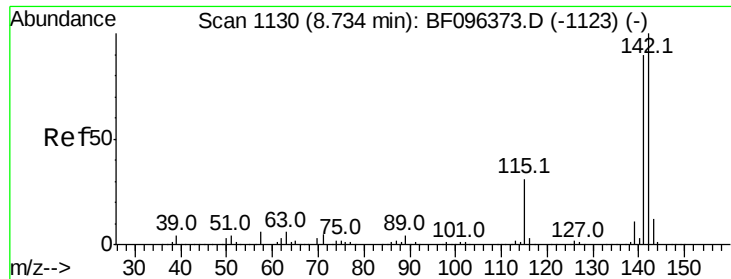
#36
4-Chloro-3-methylphenol
Concen: 39.70 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion:107 Resp: 384392
Ion Ratio Lower Upper
107 100
144 28.1 24.2 36.4
142 84.6 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

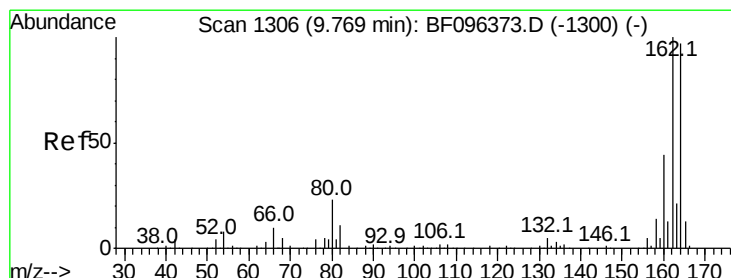
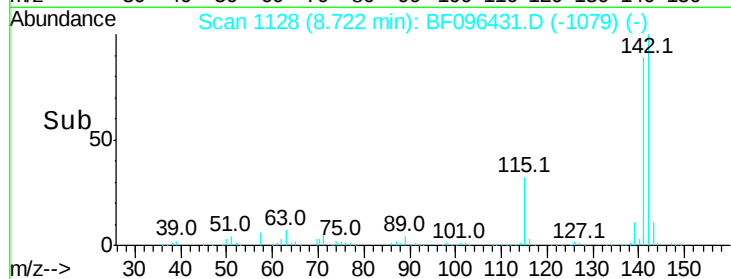
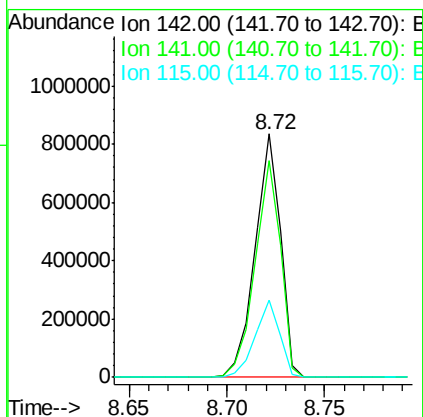
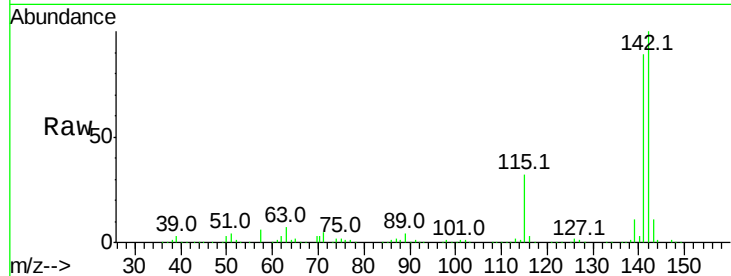




#37
 2-Methylnaphthalene
 Concen: 38.92 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

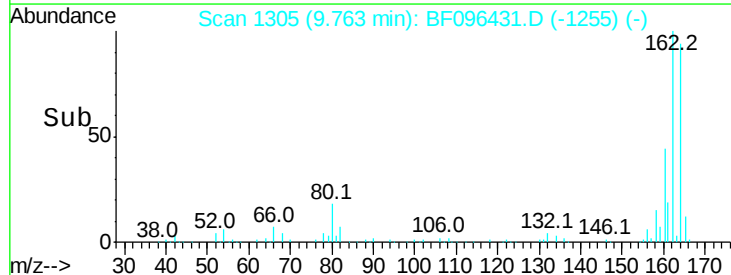
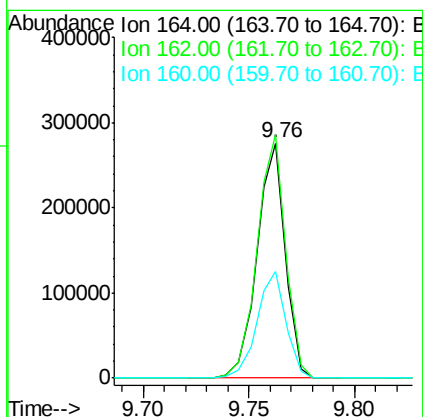
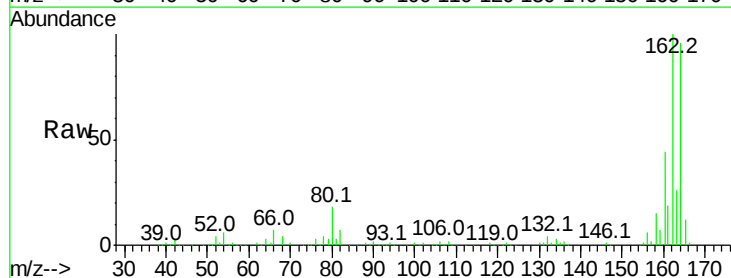
Instrument :
 BNA_F
 ClientSampleID :

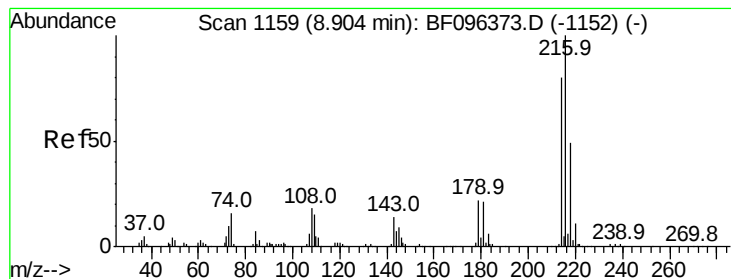
Tot Ion:142 Resp: 753984
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.3 106.9
 115 31.7 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Tgt Ion:164 Resp: 256503
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 45.4 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.97 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 292833

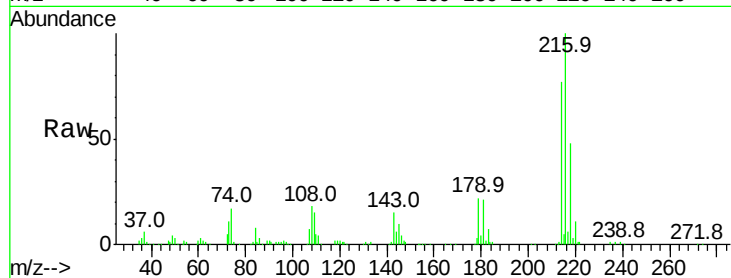
Ion Ratio Lower Upper

216 100

214 77.8 63.4 95.2

179 22.6 17.9 26.9

108 21.4 16.5 24.7

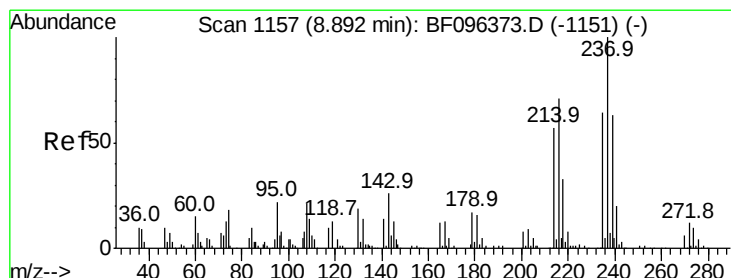
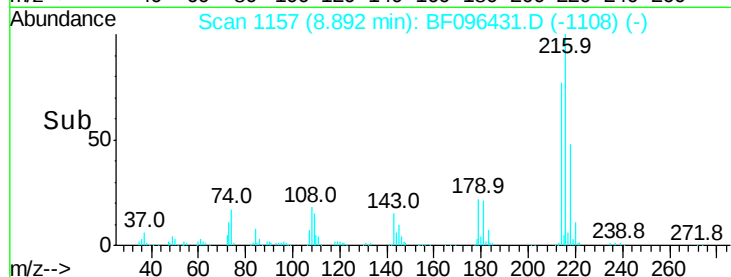
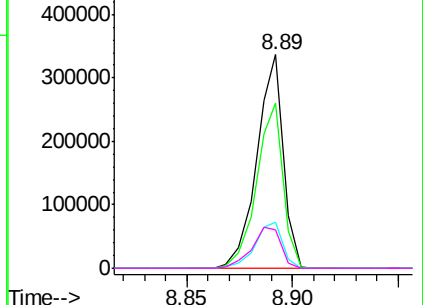


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 34.30 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

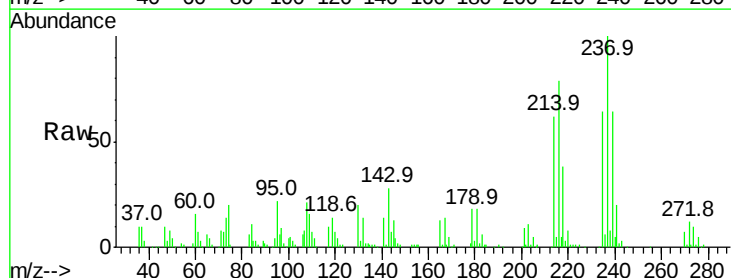
Tgt Ion:237 Resp: 111064

Ion Ratio Lower Upper

237 100

235 64.1 42.6 82.6

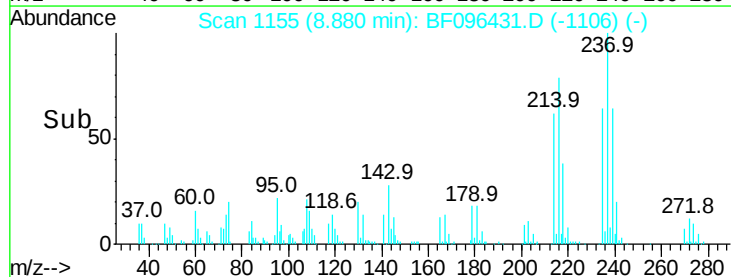
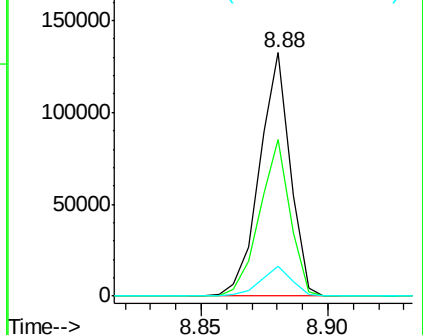
272 12.4 0.0 31.9

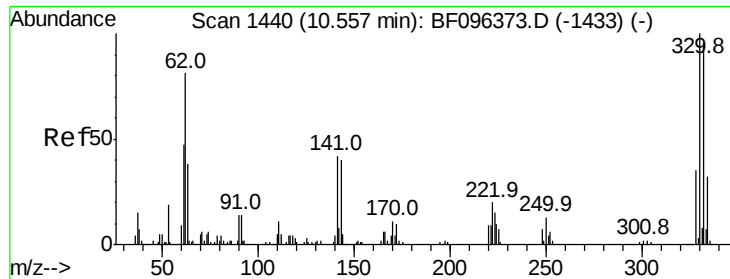


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

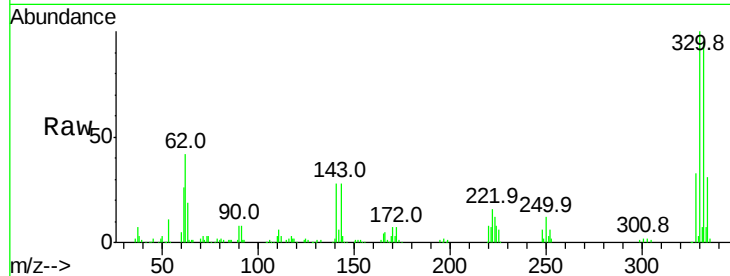




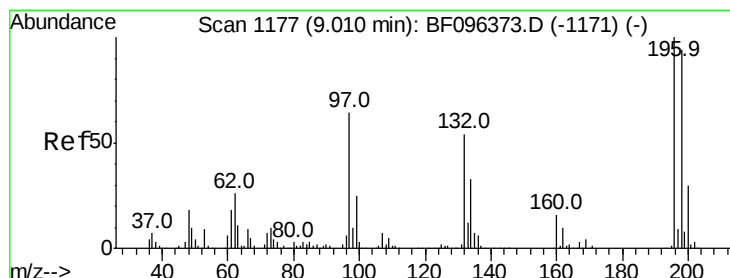
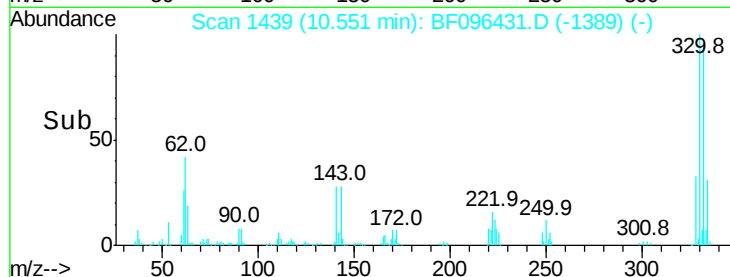
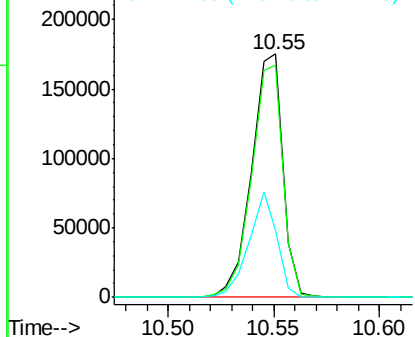
#41
 2,4,6-Tribromophenol
 Concen: 90.42 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 181158
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.6 31.4 47.2

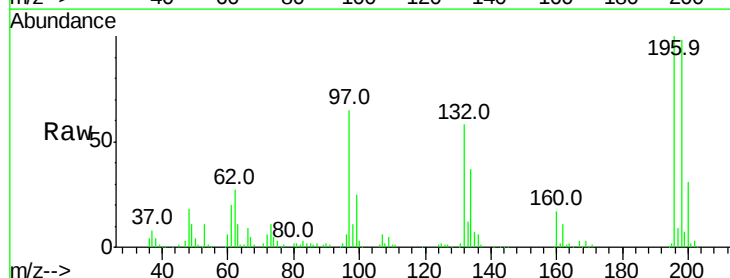


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

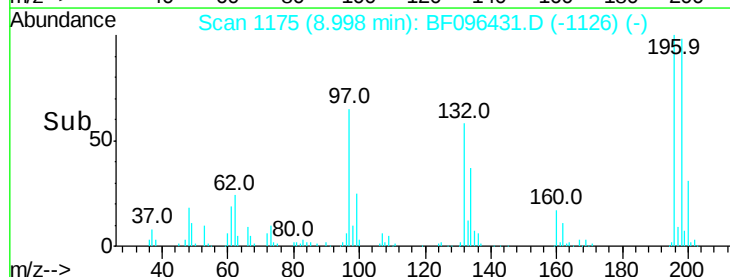
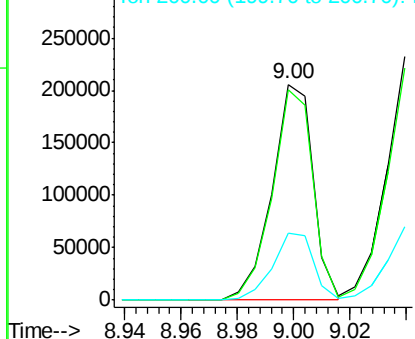


#42
 2,4,6-Trichlorophenol
 Concen: 39.23 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Tgt Ion:196 Resp: 206682
 Ion Ratio Lower Upper
 196 100
 198 97.5 74.2 111.4
 200 30.9 24.0 36.0



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

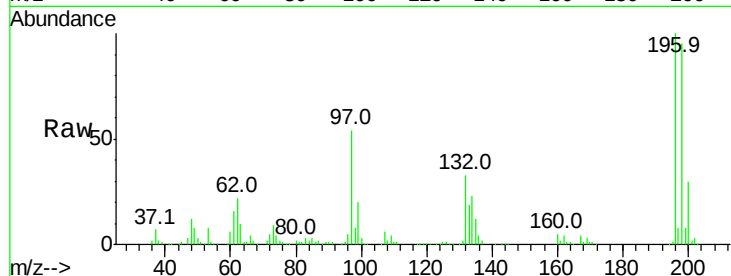




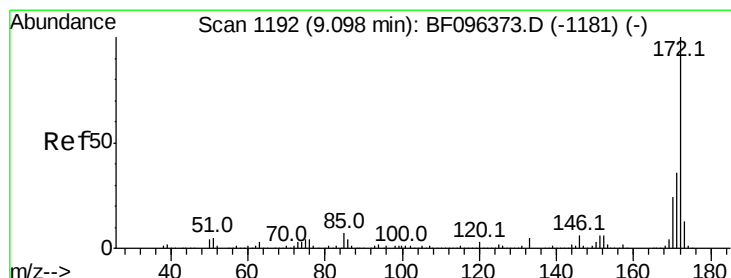
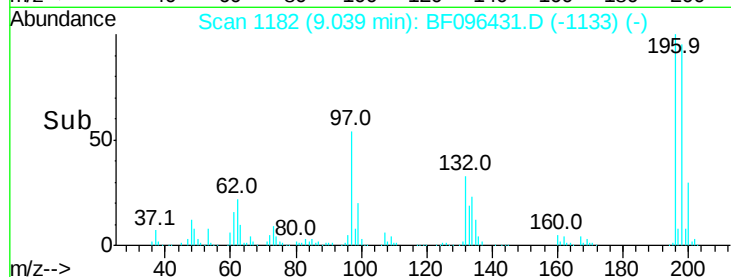
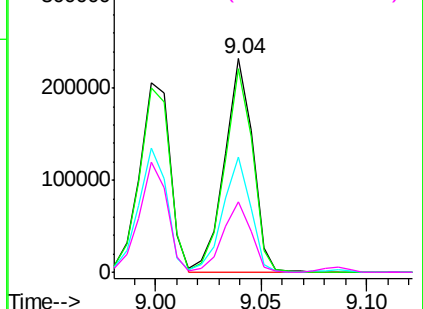
#43
 2,4,5-Trichlorophenol
 Concen: 40.89 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 213016
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 97 54.2 47.7 71.5
 132 32.9 28.0 42.0

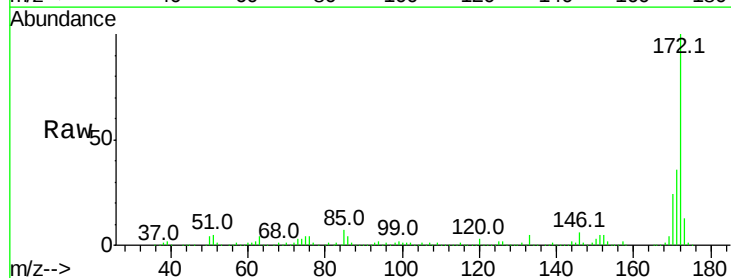


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

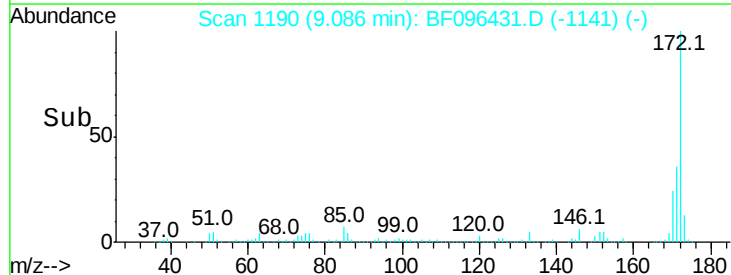
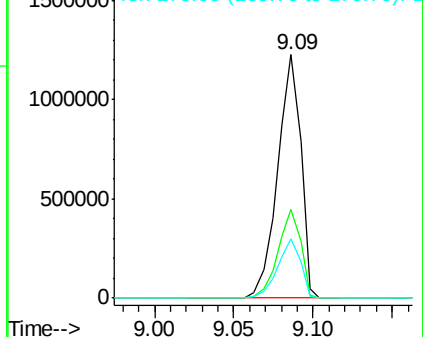


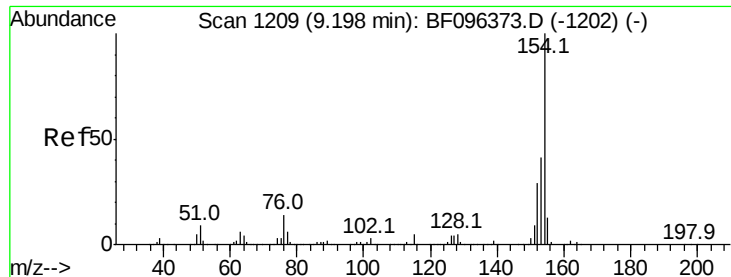
#44
 2-Fluorobiphenyl
 Concen: 82.55 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Tgt Ion:172 Resp: 1238449
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.4 19.8 29.8



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

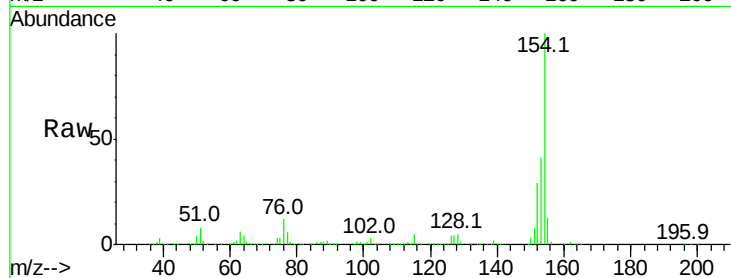




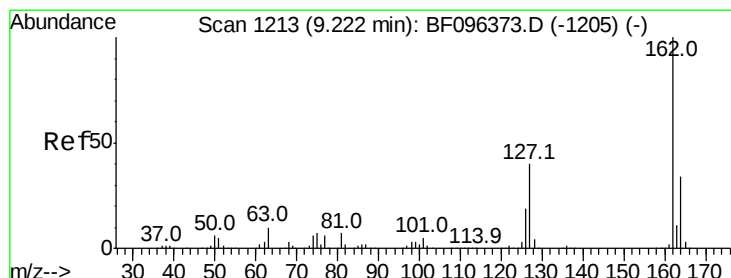
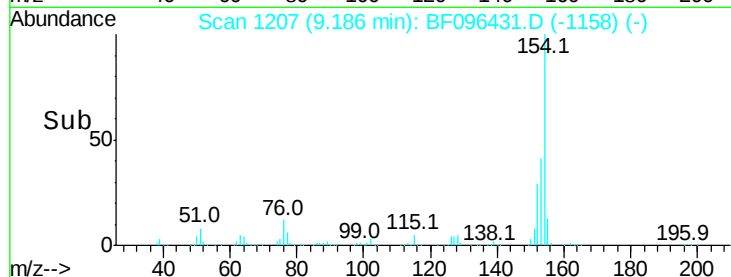
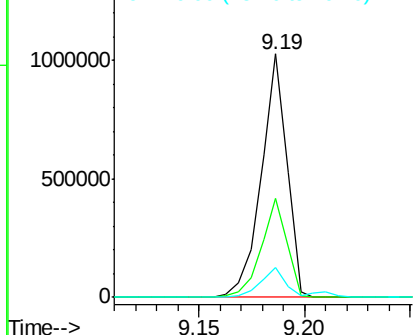
#45
 1,1'-Biphenyl
 Concen: 39.48 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 867785
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.2 61.2
 76 12.3 0.0 29.9

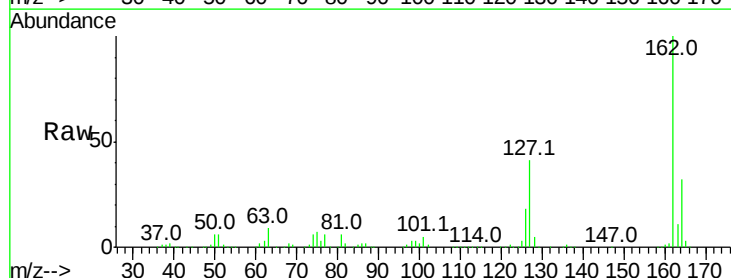


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

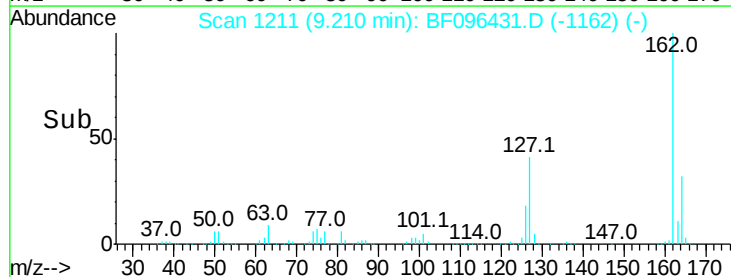
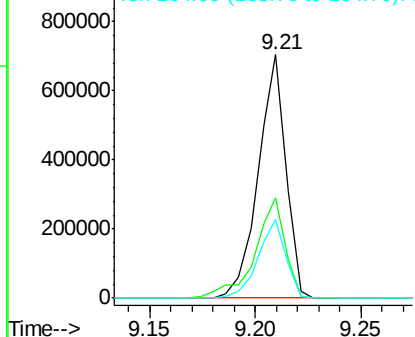


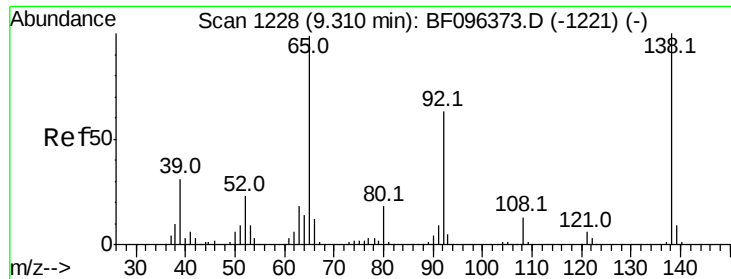
#46
 2-Chloronaphthalene
 Concen: 39.01 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Tgt Ion:162 Resp: 638929
 Ion Ratio Lower Upper
 162 100
 127 40.9 28.3 42.5
 164 32.3 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

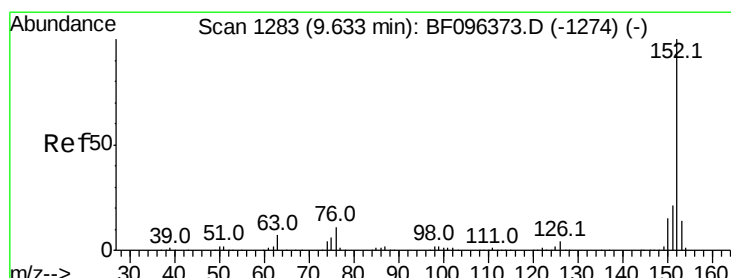
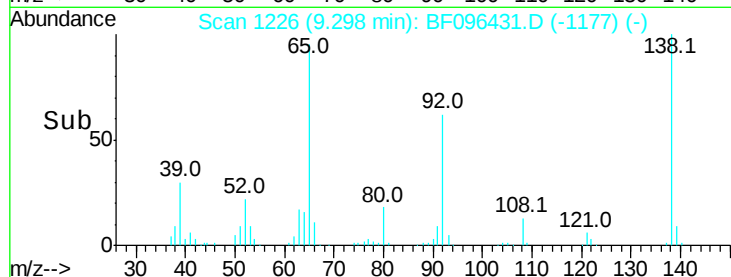
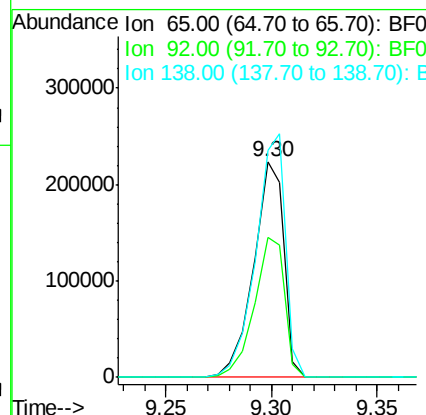
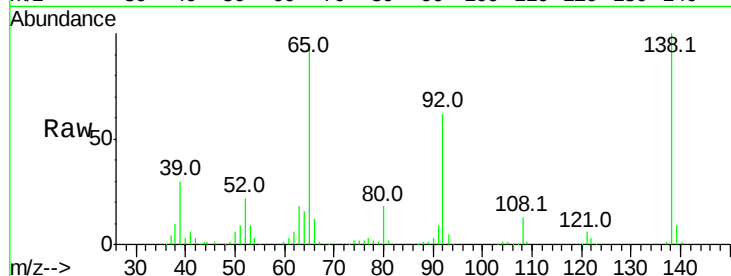




#47
2-Nitroaniline
Concen: 37.38 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

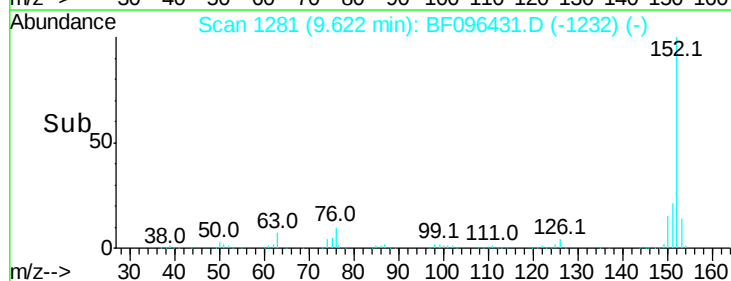
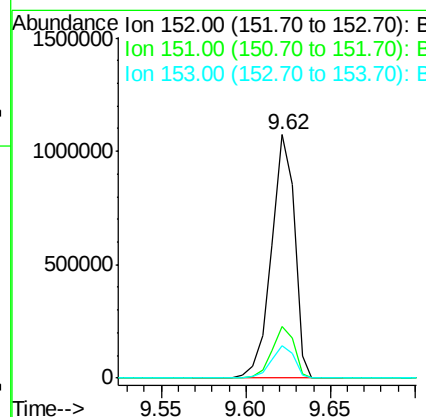
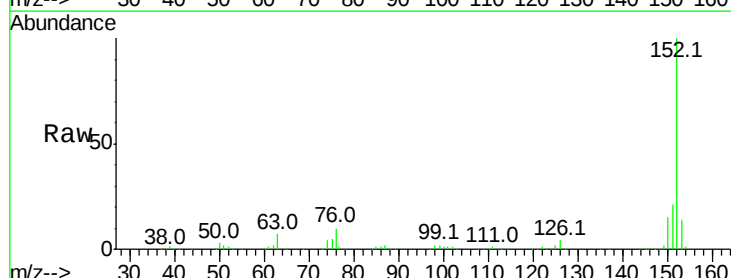
Instrument :
BNA_F
ClientSampleId :

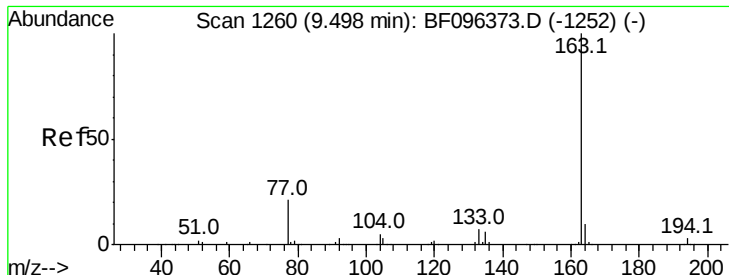
Tot Ion: 65 Resp: 222796
Ion Ratio Lower Upper
65 100
92 64.7 53.9 80.9
138 105.0 78.8 118.2



#48
Acenaphthylene
Concen: 39.08 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion:152 Resp: 1014169
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 13.6 10.8 16.2

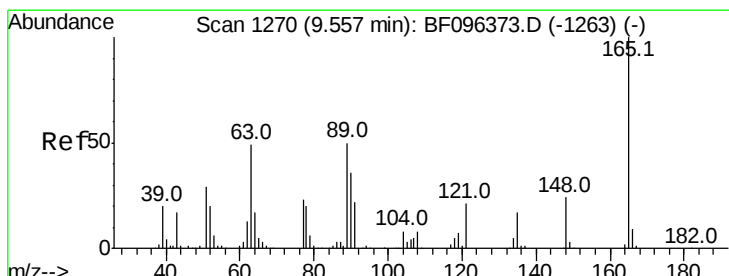
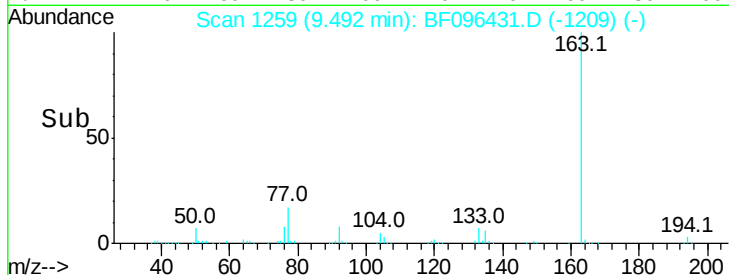
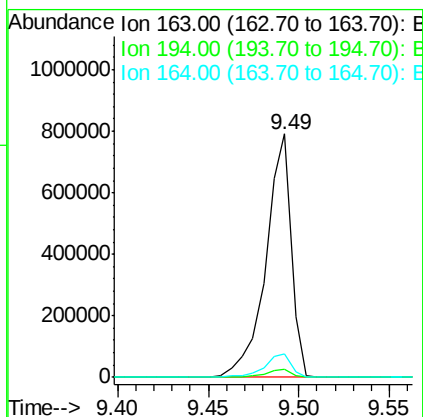
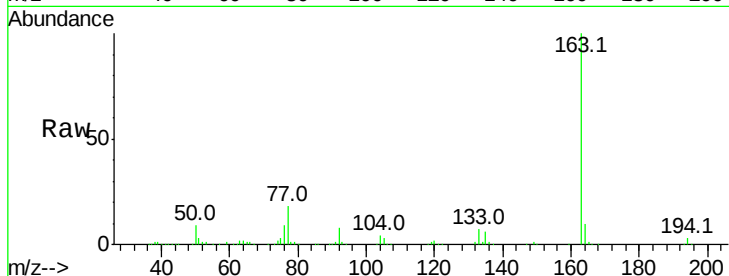




#49
Dimethylphthalate
Concen: 40.17 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

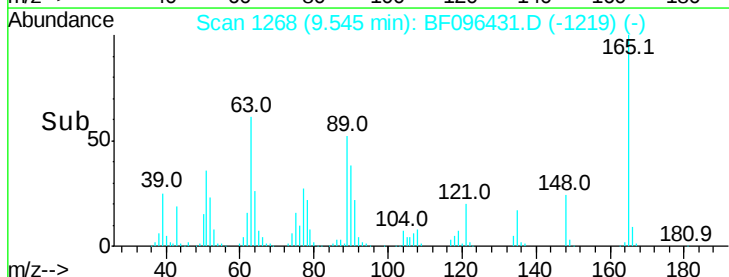
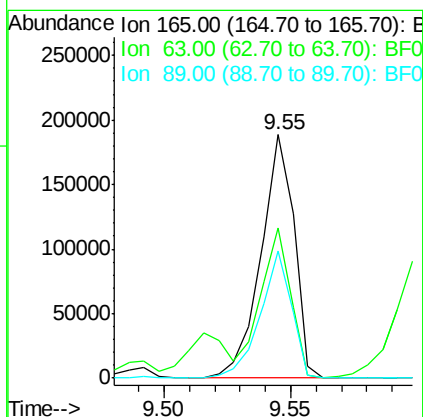
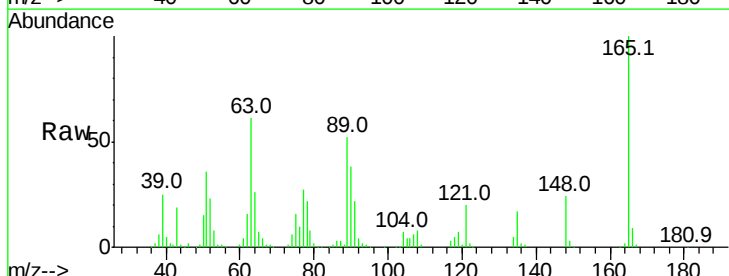
Instrument :
BNA_F
ClientSampleId :

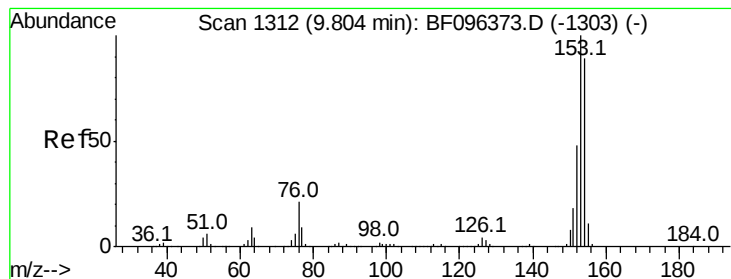
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 40.86 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.4	34.3	51.5#
89	52.1	37.1	55.7





#51

Acenaphthene

Concen: 39.12 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampled :

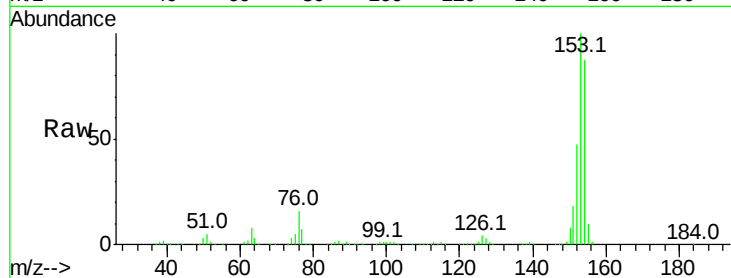
Tot Ion:154 Resp: 625893

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

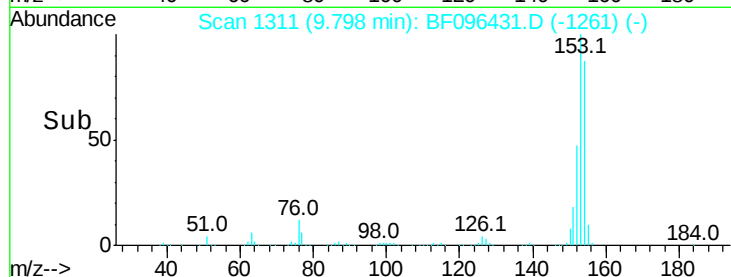
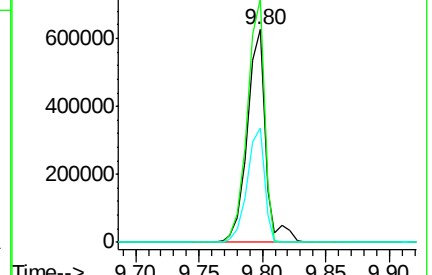
152 53.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.38 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

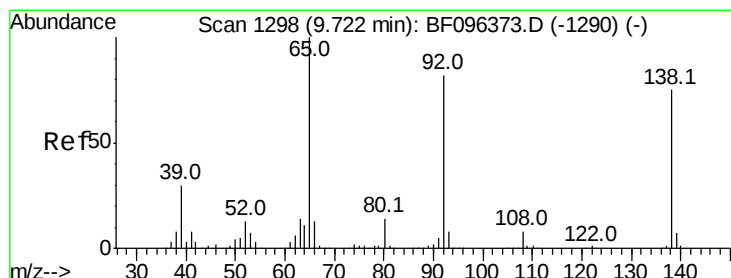
Tgt Ion:138 Resp: 208001

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

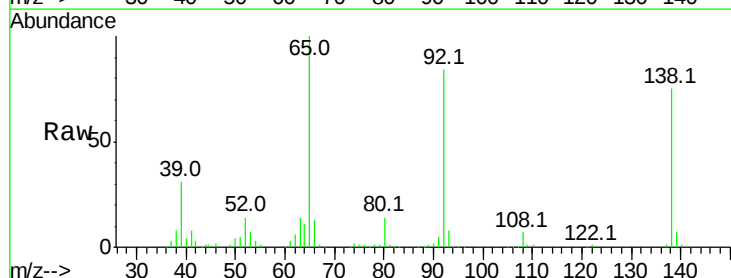
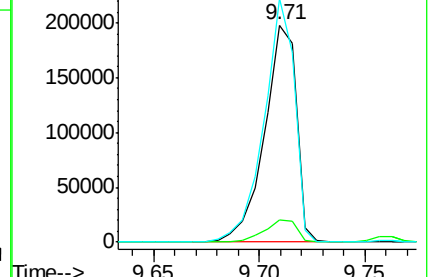
92 112.2 93.8 140.6



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

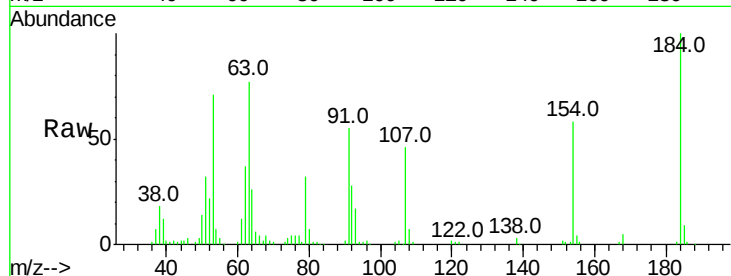




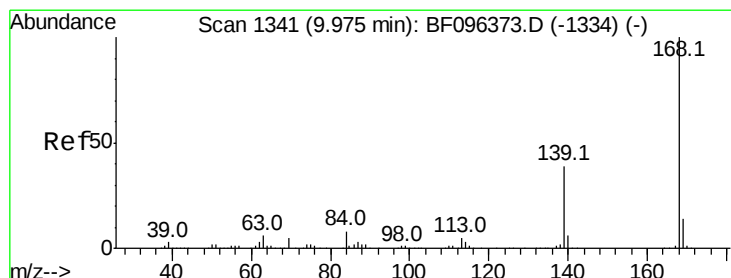
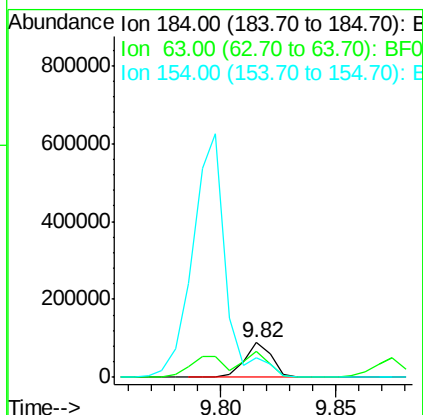
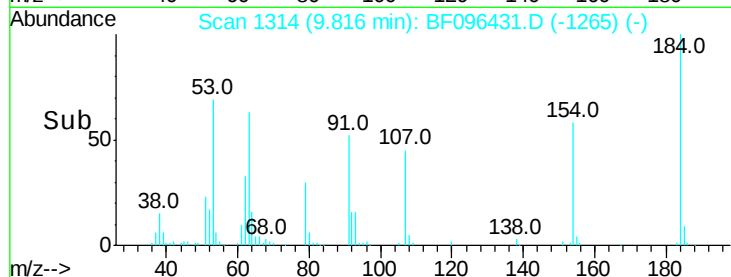
#53
2,4-Dinitrophenol
Concen: 33.64 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 75665
Ion Ratio Lower Upper
184 100
63 77.2 62.7 94.1
154 58.0 81.1 121.7#

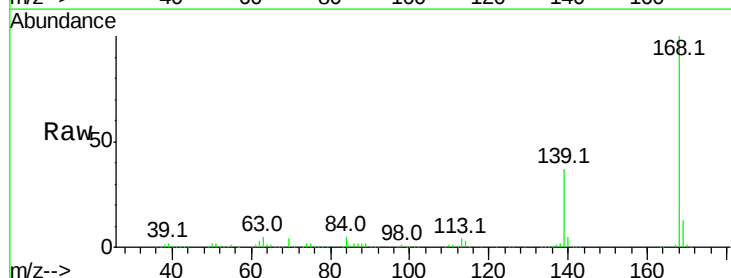


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

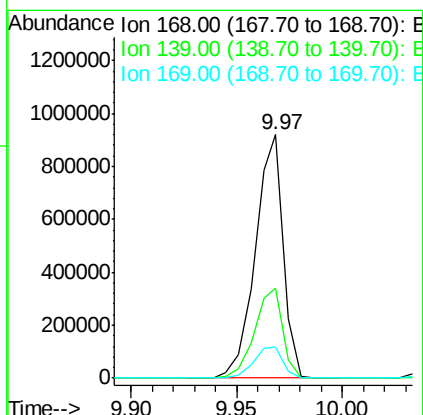
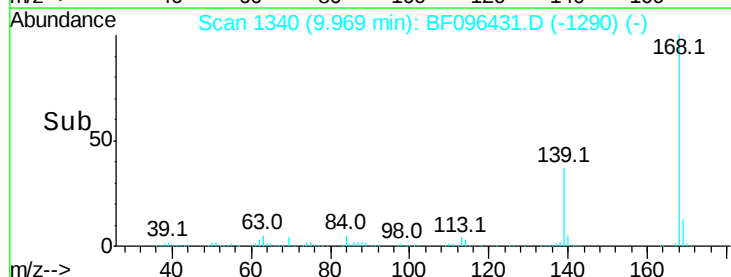


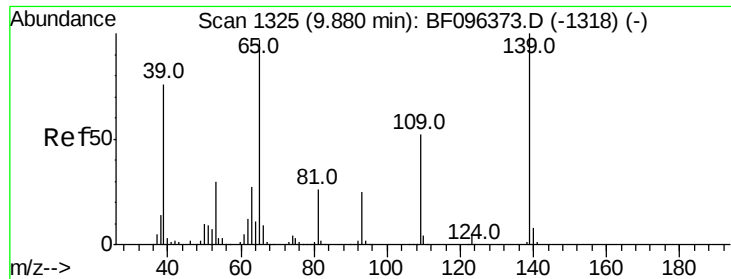
#54
Dibenzofuran
Concen: 39.87 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion:168 Resp: 842063
Ion Ratio Lower Upper
168 100
139 37.0 30.6 45.8
169 12.8 10.8 16.2



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

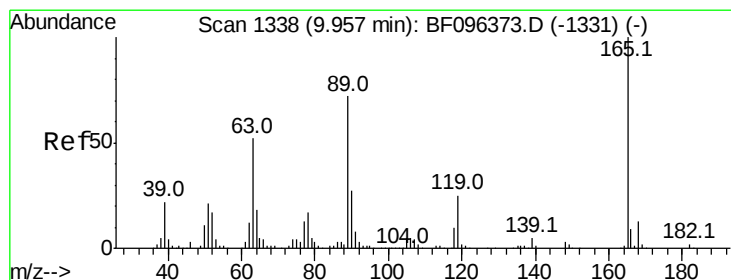
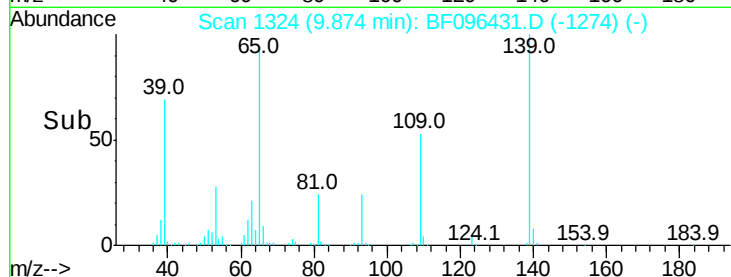
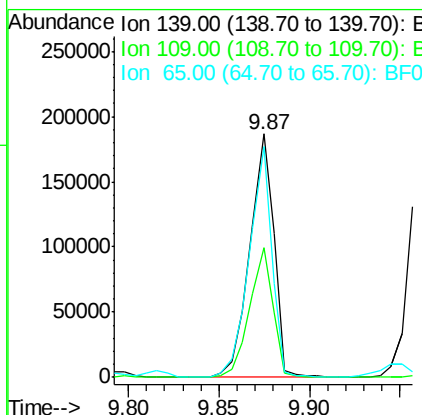
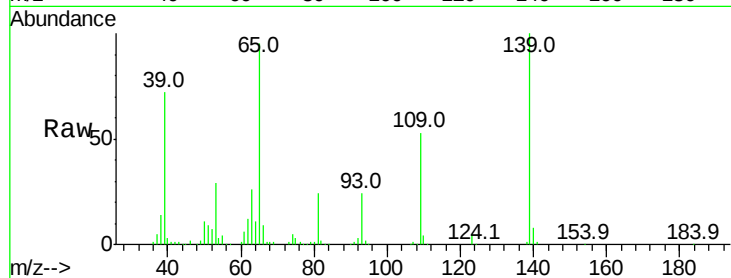




#55
4-Nitrophenol
Concen: 39.64 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

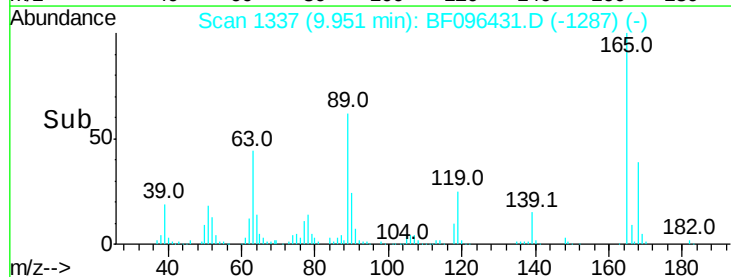
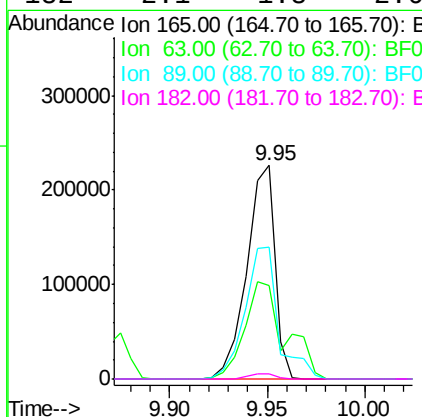
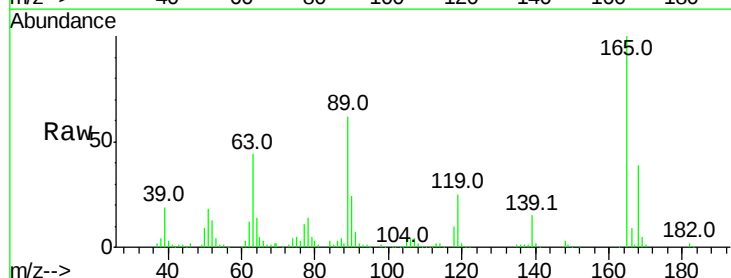
Instrument :
BNA_F
ClientSampleId :

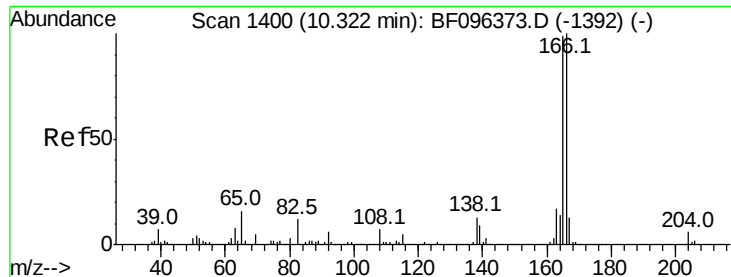
Tot Ion:139 Resp: 173508
Ion Ratio Lower Upper
139 100
109 53.2 34.1 74.1
65 94.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.17 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion:165 Resp: 226141
Ion Ratio Lower Upper
165 100
63 43.5 25.4 38.0#
89 61.6 46.4 69.6
182 2.1 1.8 2.6





#57

Fluorene

Concen: 42.17 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

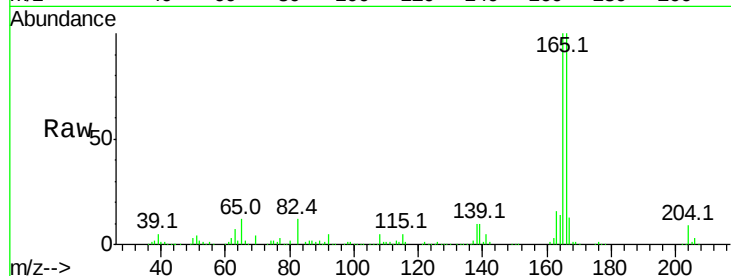
Tot Ion:166 Resp: 629033

Ion Ratio Lower Upper

166 100

165 100.3 78.8 118.2

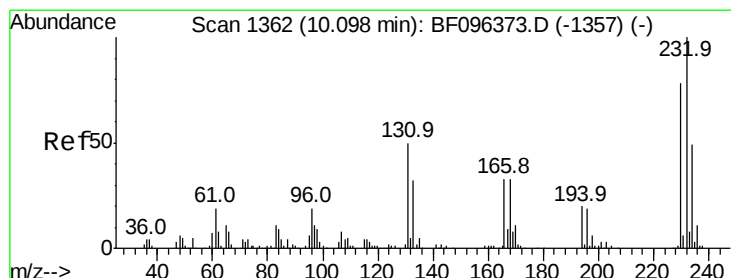
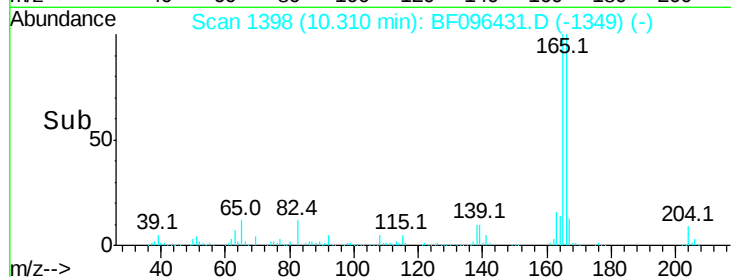
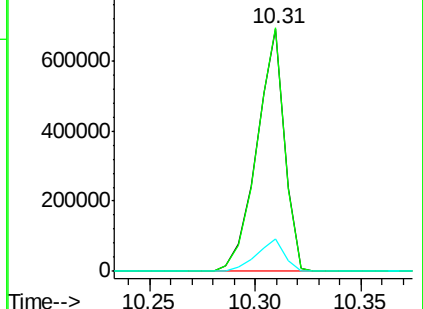
167 13.4 10.6 16.0



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: 40.84 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Tgt Ion:232 Resp: 147190

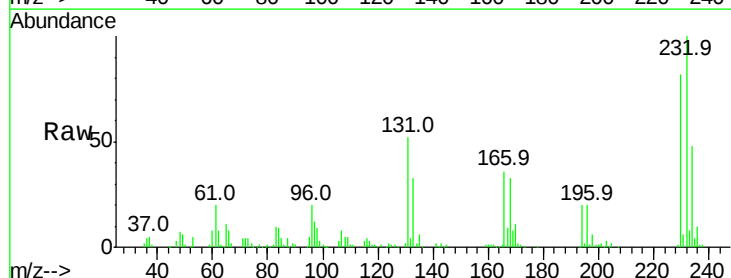
Ion Ratio Lower Upper

232 100

131 55.6 44.8 67.2

130 2.4 2.3 3.5

166 36.1 29.0 43.4

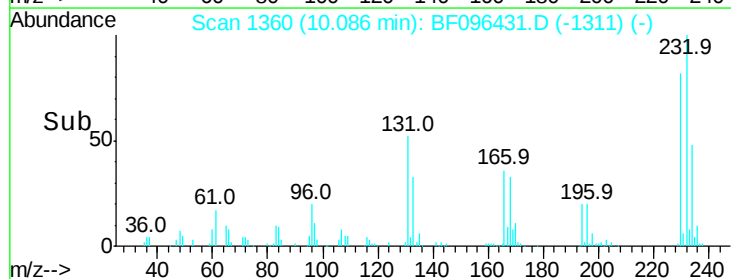
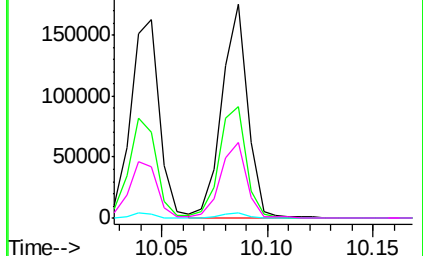


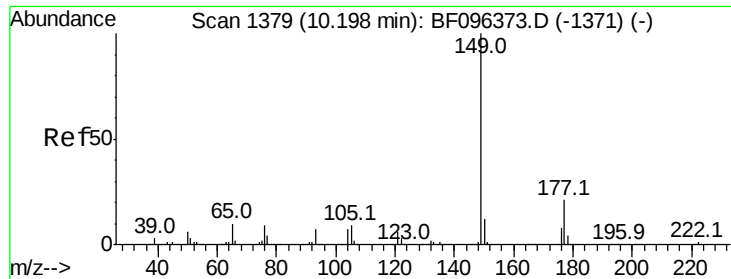
Abundance Ion 232.00 (231.70 to 232.70): E

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

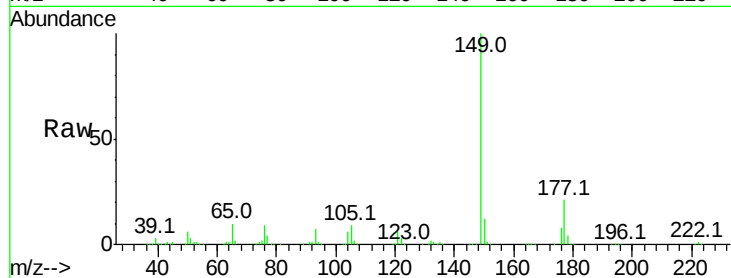




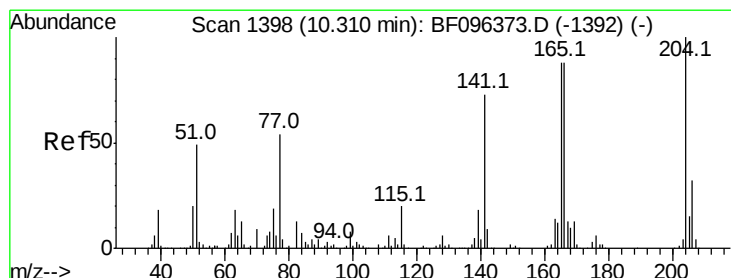
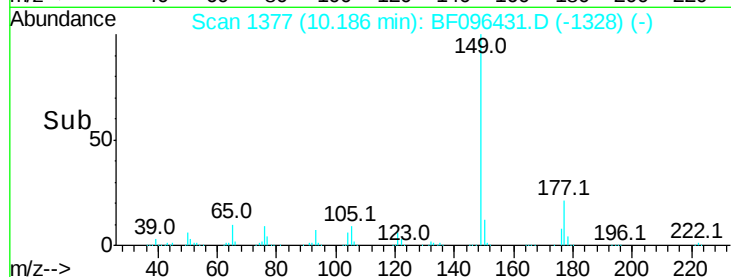
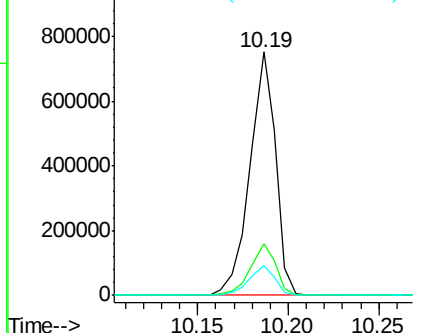
#59
Diethylphthalate
Concen: 40.75 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 737555
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.3 10.2 15.2

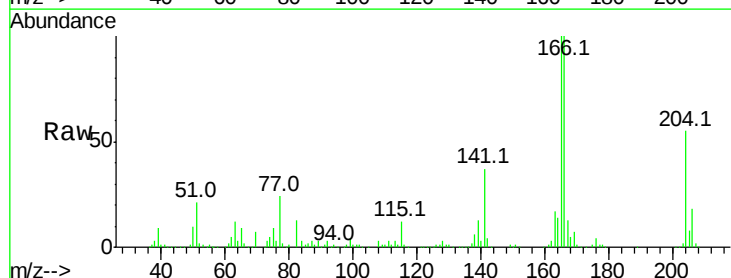


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

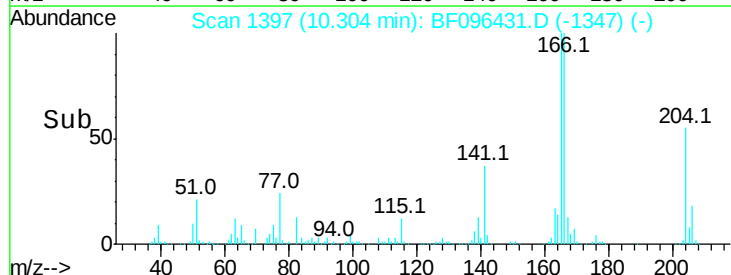
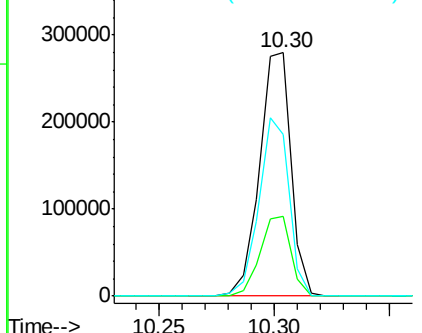


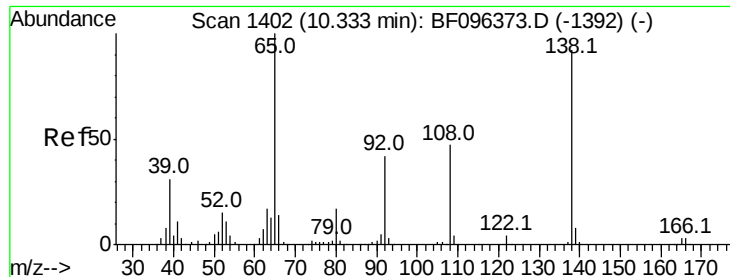
#60
4-Chlorophenyl-phenylether
Concen: 41.14 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion:204 Resp: 267017
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 66.6 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: 41.22 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

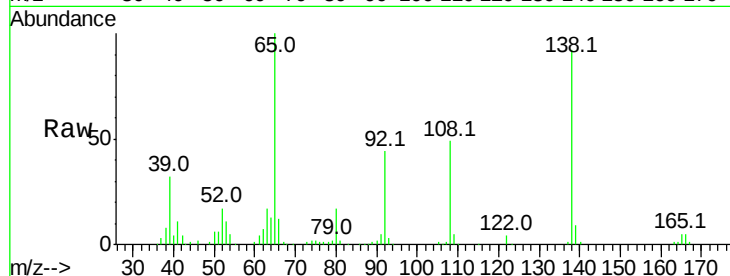
Tot Ion:138 Resp: 197935

Ion Ratio Lower Upper

138 100

92 47.3 21.8 61.8

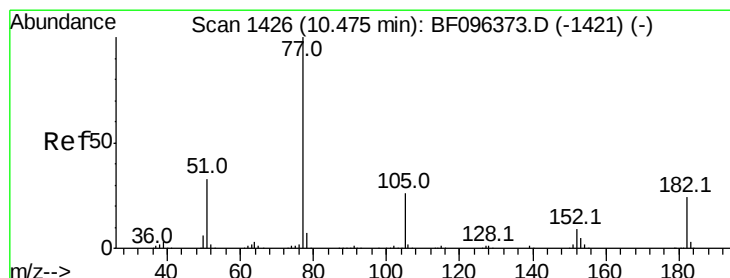
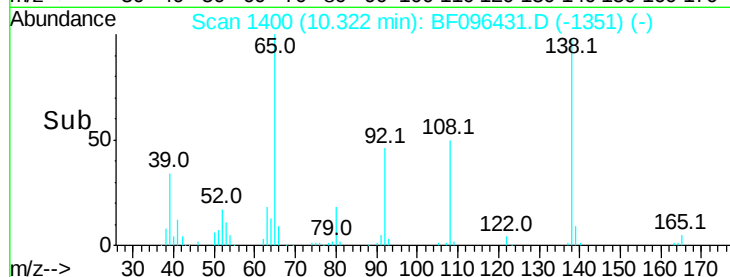
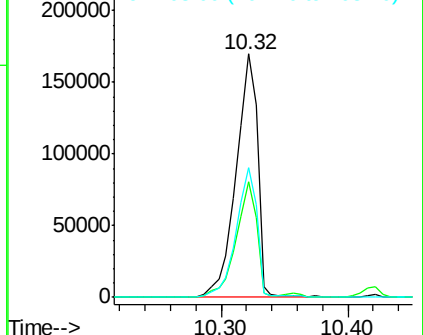
108 53.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.73 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Tgt Ion: 77 Resp: 642828

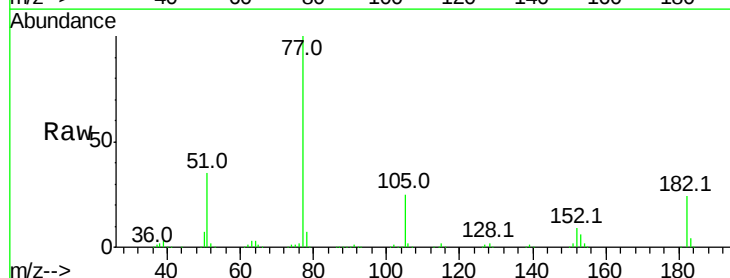
Ion Ratio Lower Upper

77 100

182 24.4 0.1 40.1

105 25.4 3.6 43.6

51 35.0 9.4 49.4

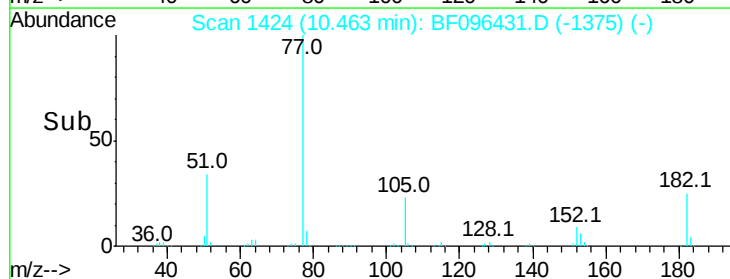
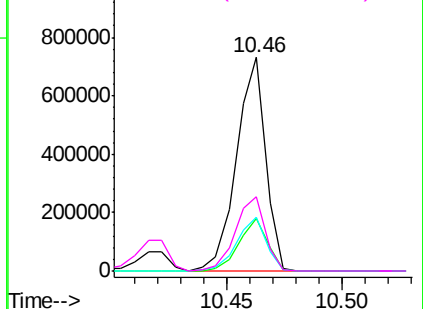


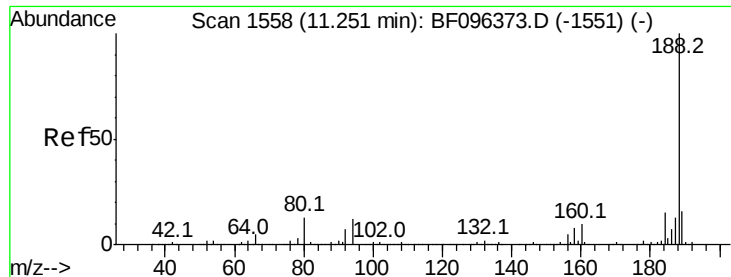
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

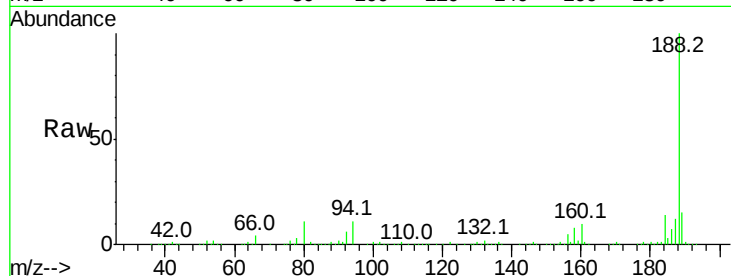
Tot Ion:188 Resp: 443663

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

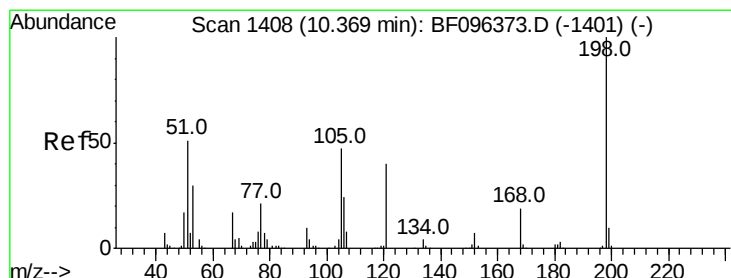
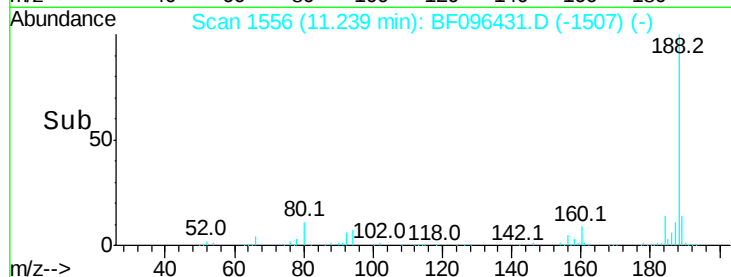
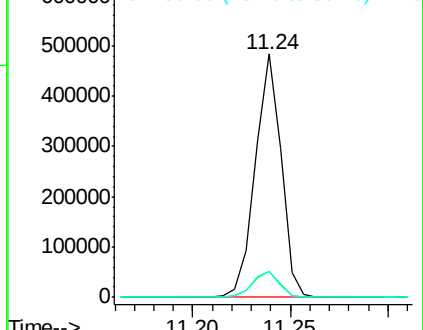
80 10.9 10.2 15.2



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: 37.94 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

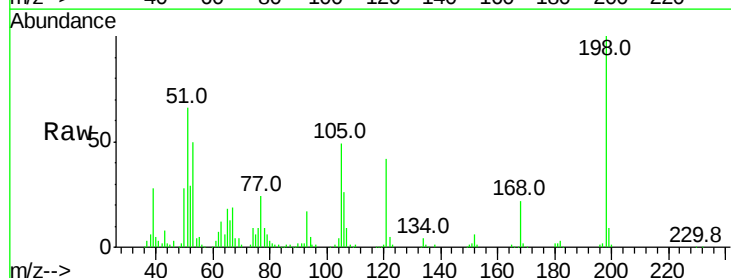
Tgt Ion:198 Resp: 116083

Ion Ratio Lower Upper

198 100

51 66.2 53.2 93.2

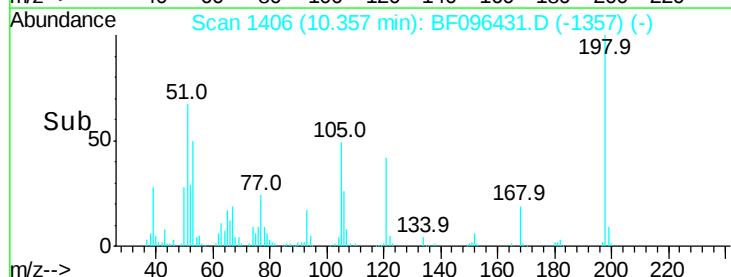
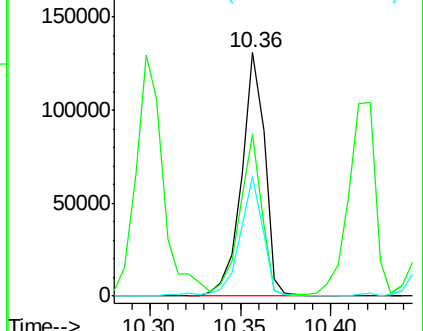
105 49.1 45.8 85.8

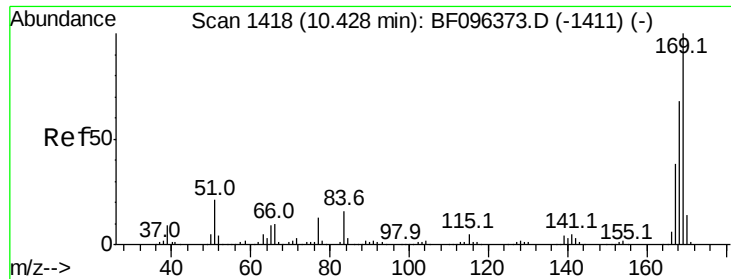


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

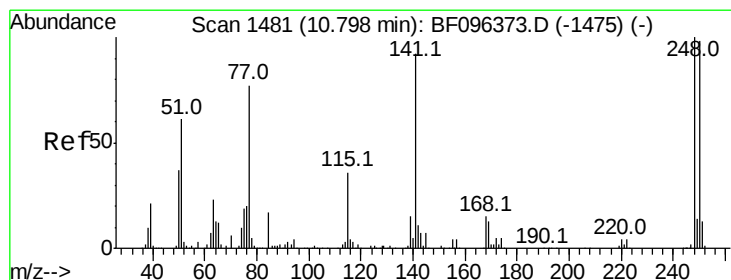
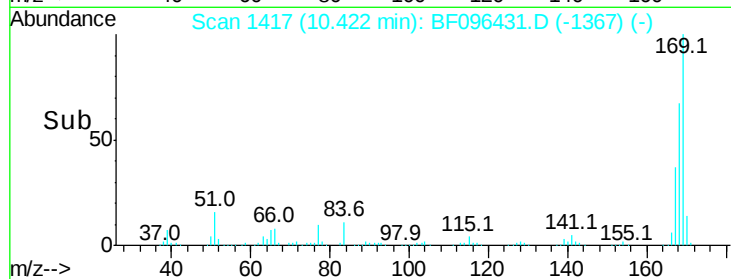
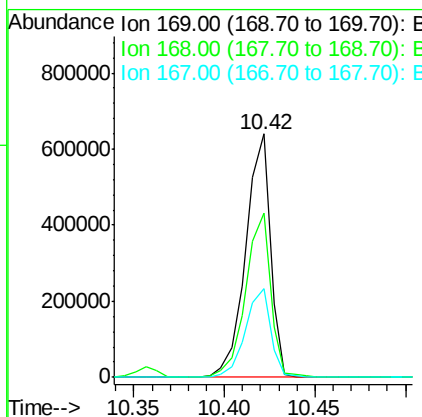
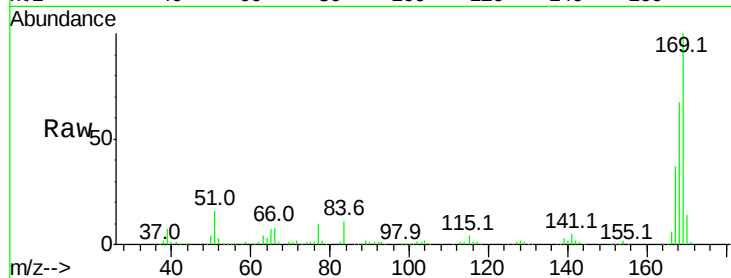




#65
 n-Nitrosodiphenylamine
 Concen: 38.97 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

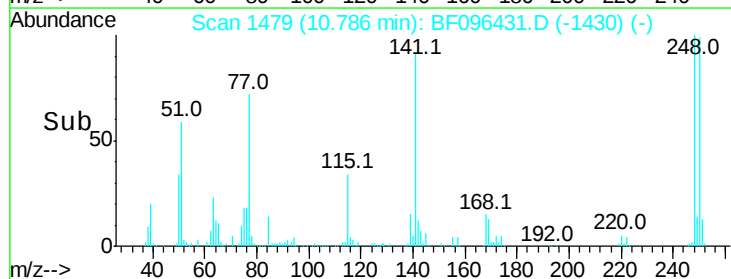
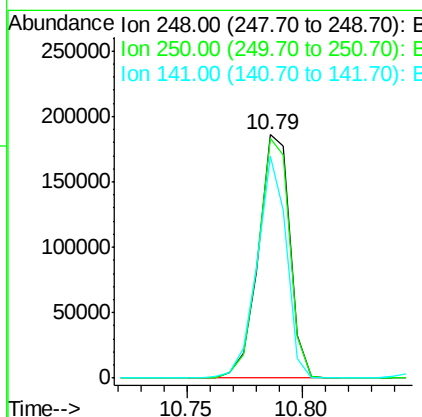
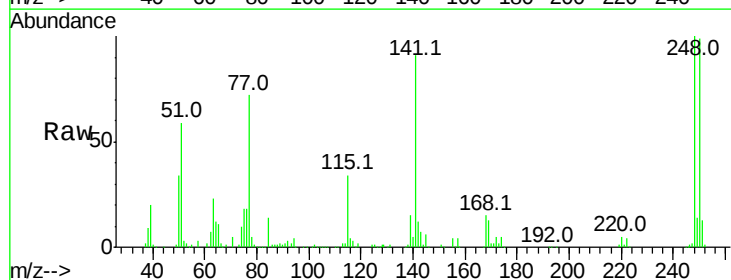
Instrument :
 BNA_F
 ClientSampleId :

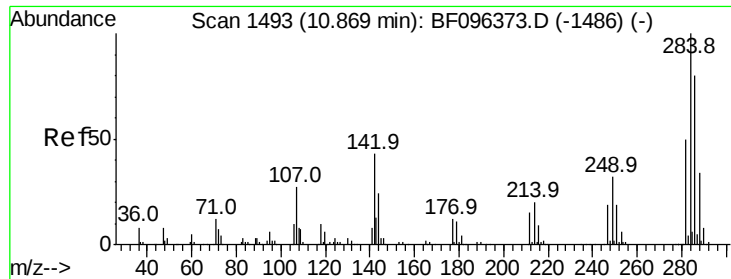
Tot Ion:169 Resp: 606667
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.2 79.8
 167 36.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.98 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Tgt Ion:248 Resp: 176985
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.8 115.2
 141 90.9 68.6 103.0





#67

Hexachlorobenzene

Concen: 41.39 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampled :

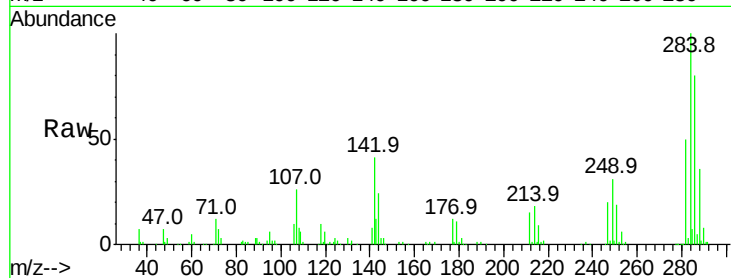
Tot Ion:284 Resp: 195698

Ion Ratio Lower Upper

284 100

142 40.6 22.8 34.2#

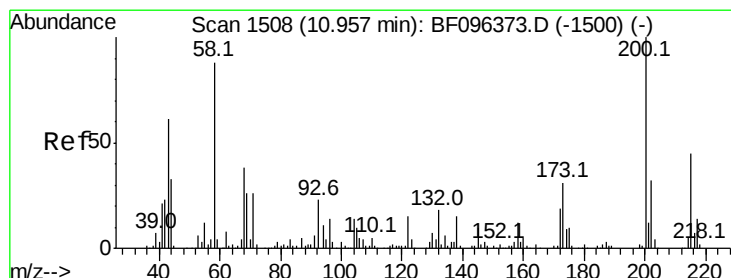
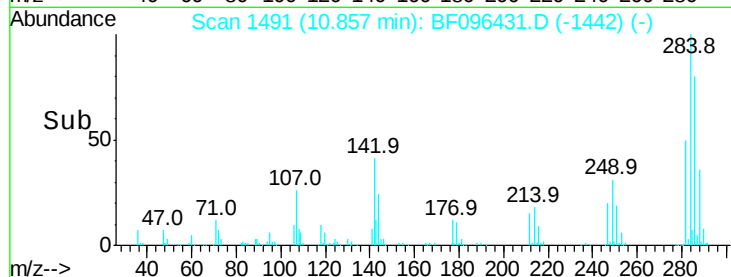
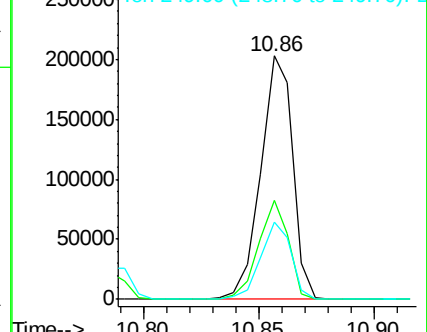
249 31.5 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.60 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

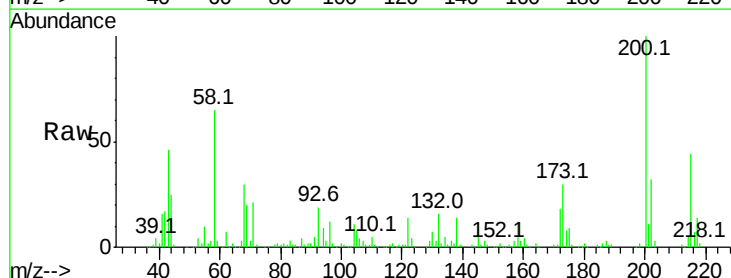
Tgt Ion:200 Resp: 180555

Ion Ratio Lower Upper

200 100

173 30.4 6.3 46.3

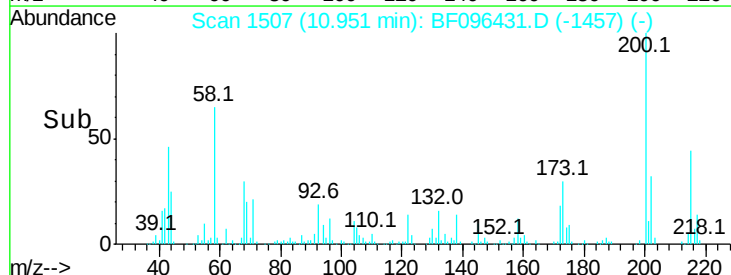
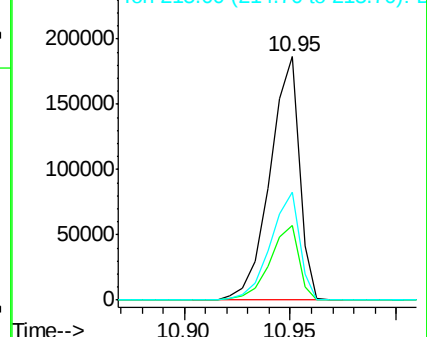
215 44.4 27.2 67.2

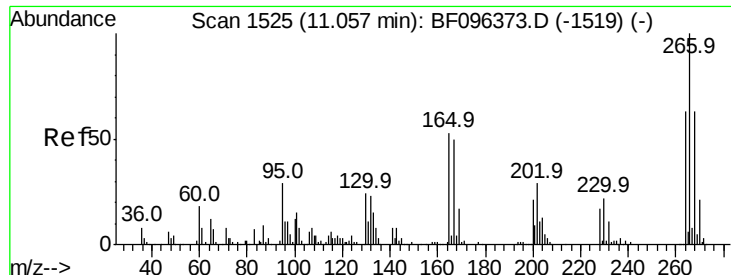


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

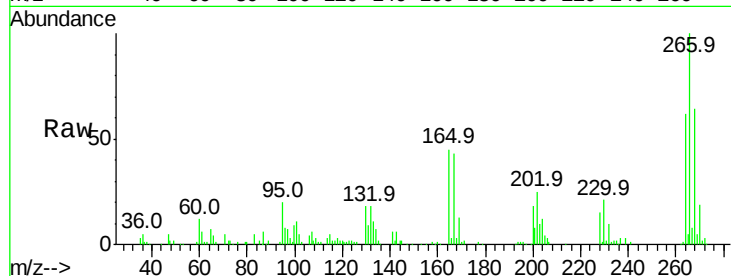




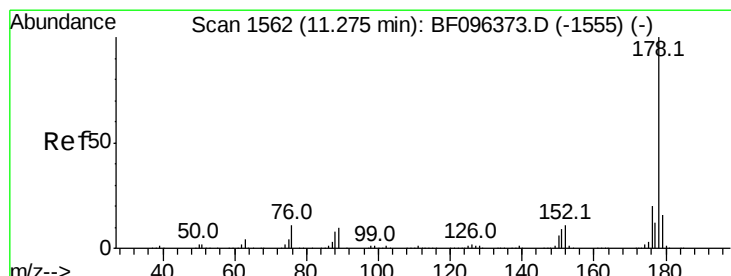
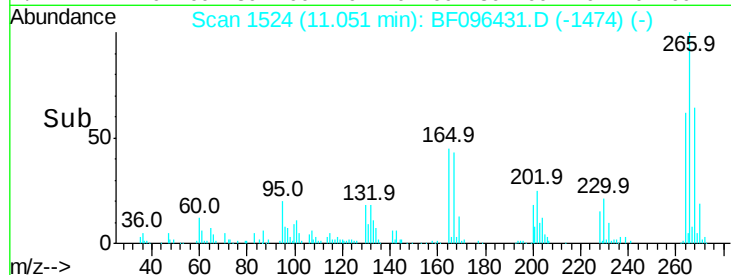
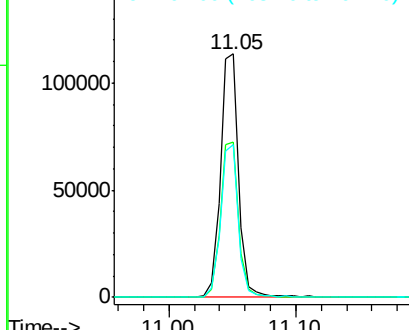
#69
 Pentachlorophenol
 Concen: 40.68 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	62.5	51.7	77.5

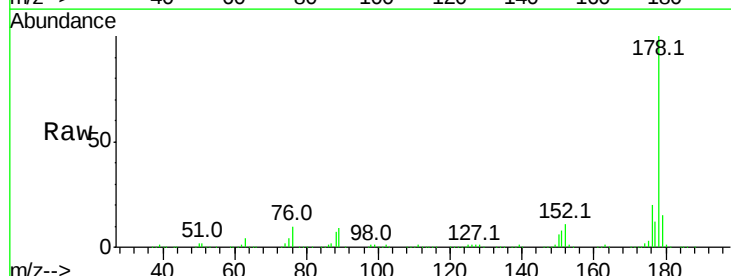


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

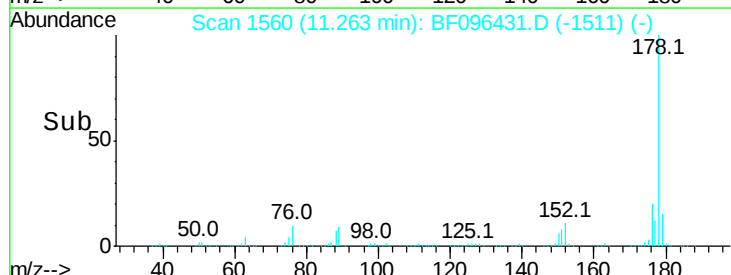
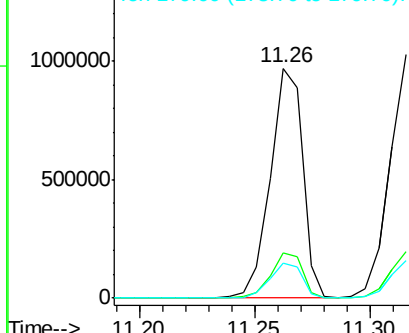


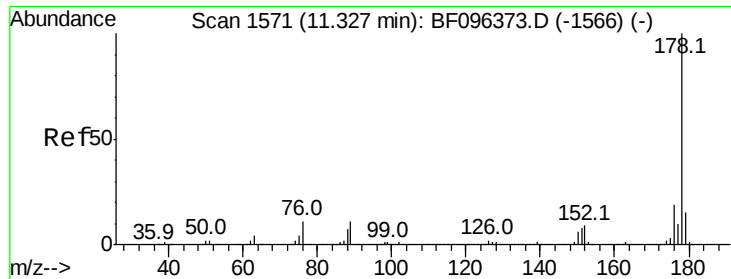
#70
 Phenanthrene
 Concen: 39.24 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.5	12.6	19.0



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





#71

Anthracene

Concen: 39.33 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

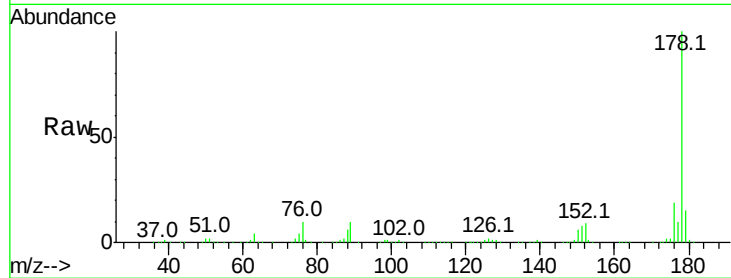
Tot Ion:178 Resp: 961228

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

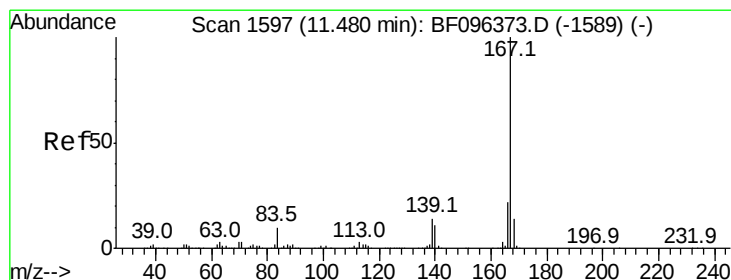
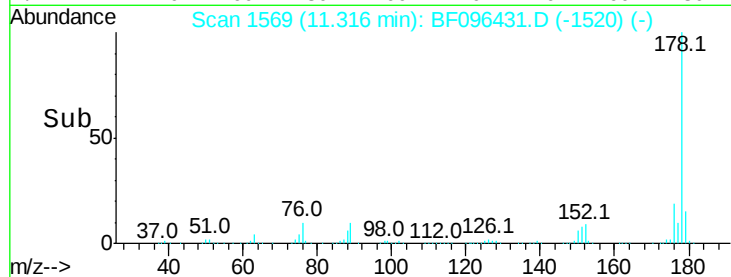
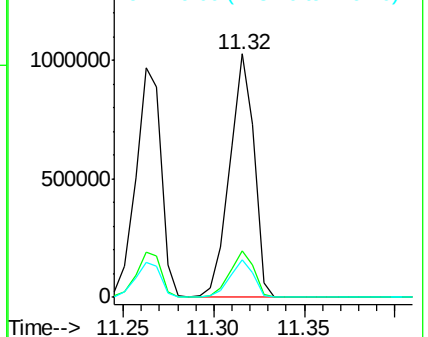
179 15.3 12.7 19.1



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: 39.28 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

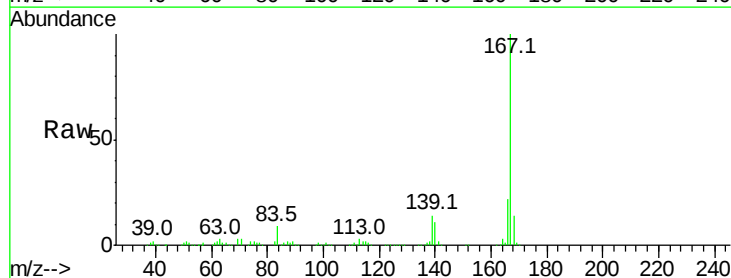
Tgt Ion:167 Resp: 965447

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

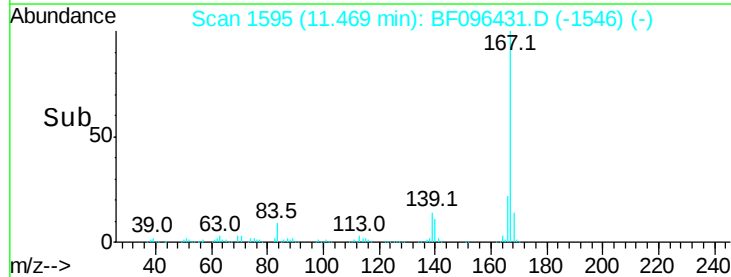
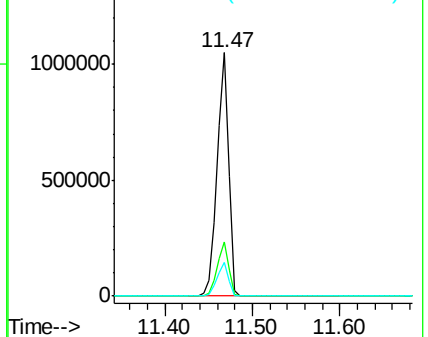
139 13.6 11.7 17.5

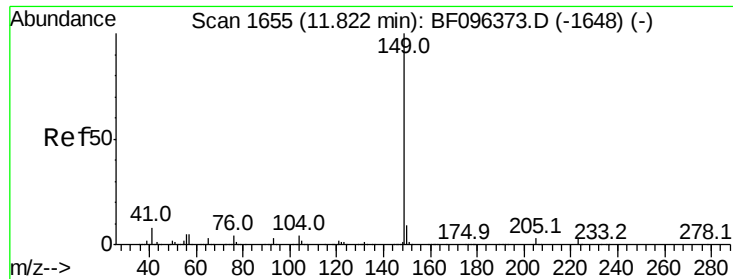


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.57 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

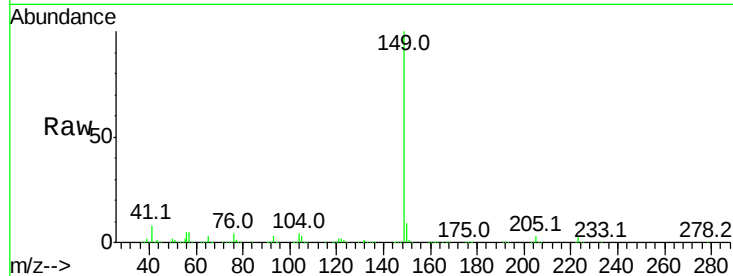
Tot Ion:149 Resp: 1178044

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

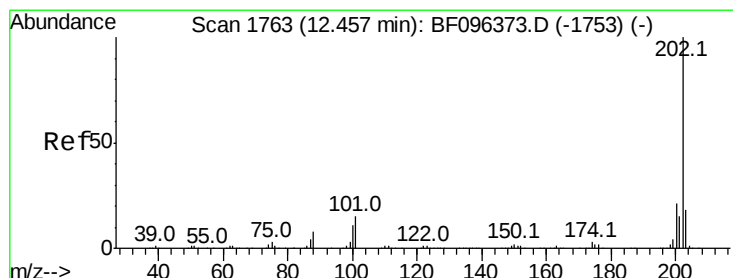
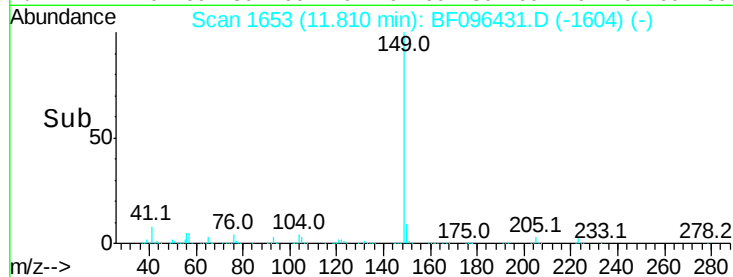
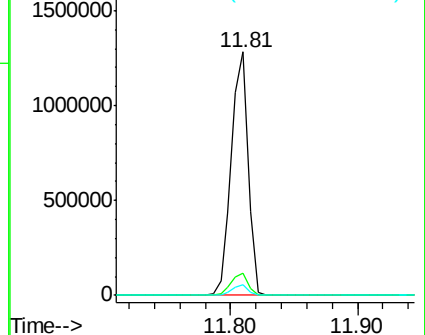
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.78 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

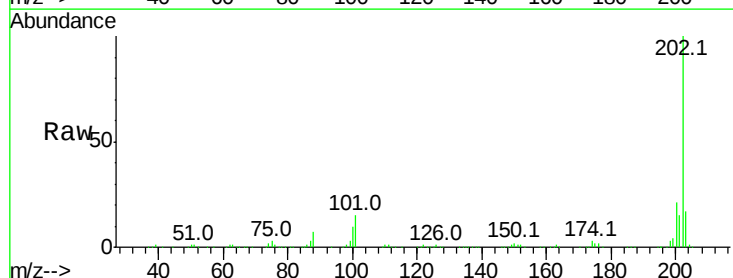
Tgt Ion:202 Resp: 958908

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.2

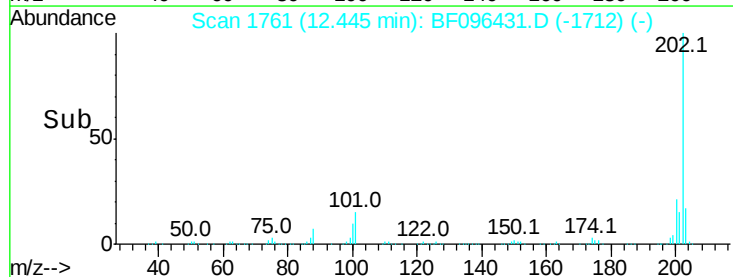
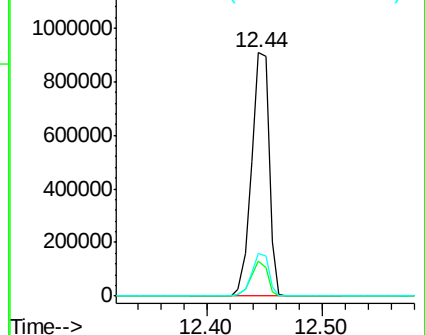
203 17.4 0.0 38.1

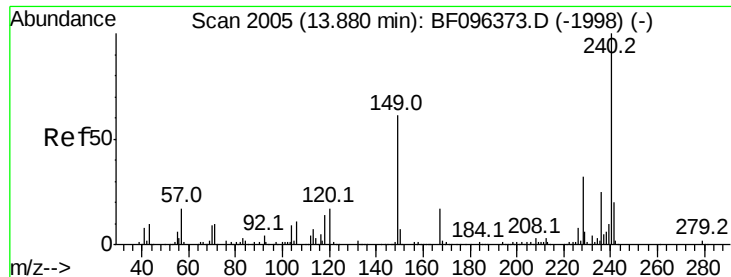


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampled :

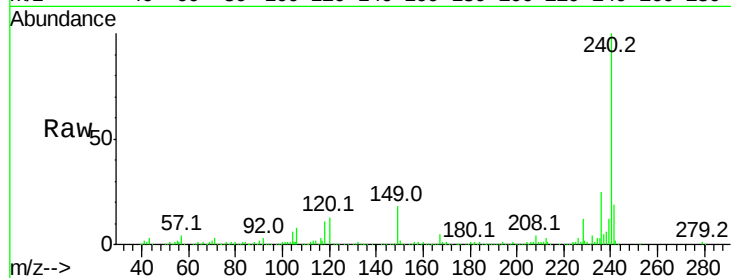
Tot Ion:240 Resp: 331186

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

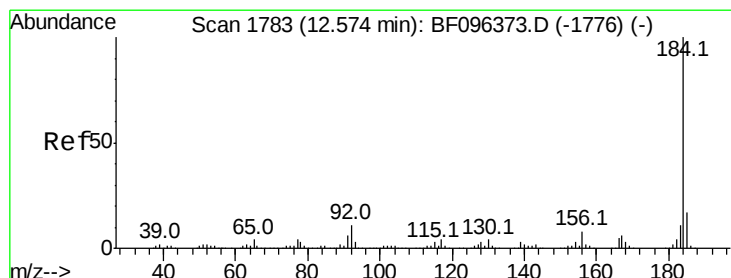
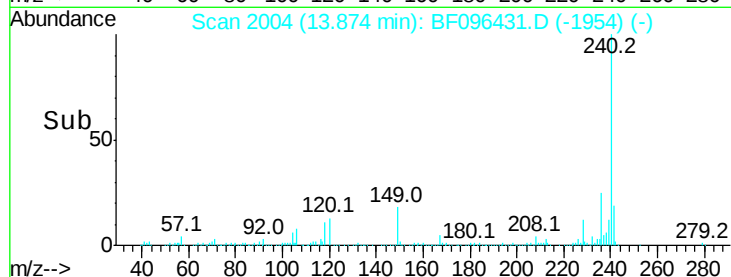
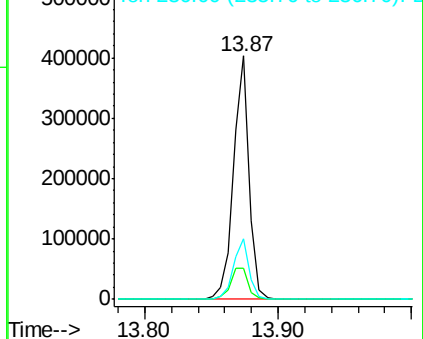
236 25.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.83 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

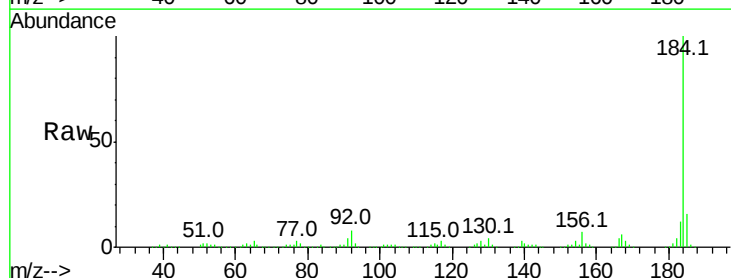
Tgt Ion:184 Resp: 505845

Ion Ratio Lower Upper

184 100

185 16.3 15.5 23.3

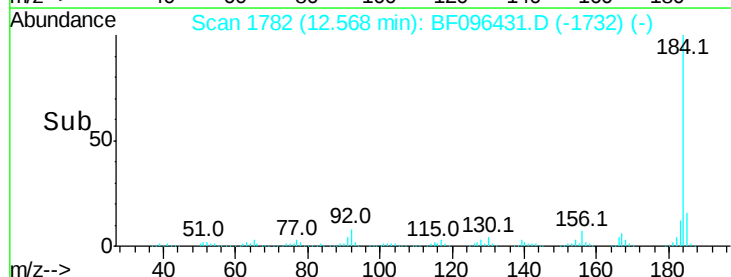
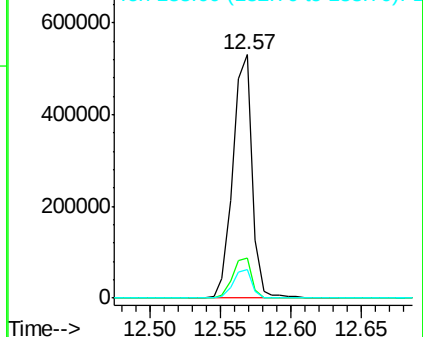
183 11.9 9.8 14.6

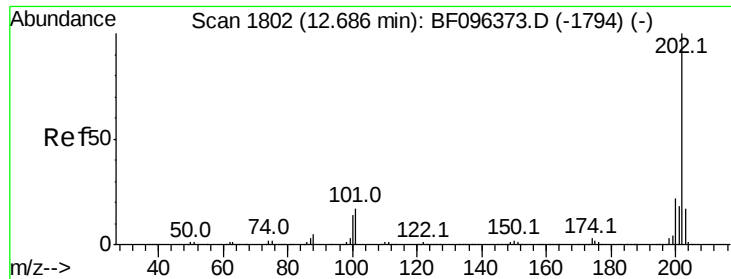


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

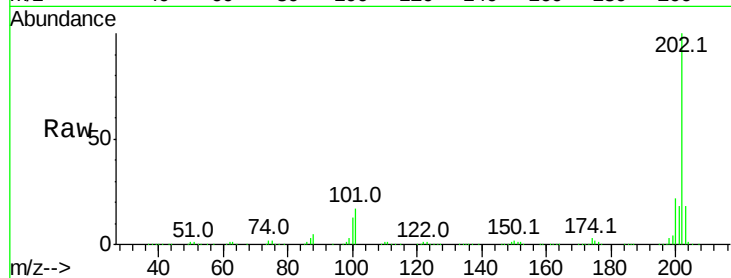




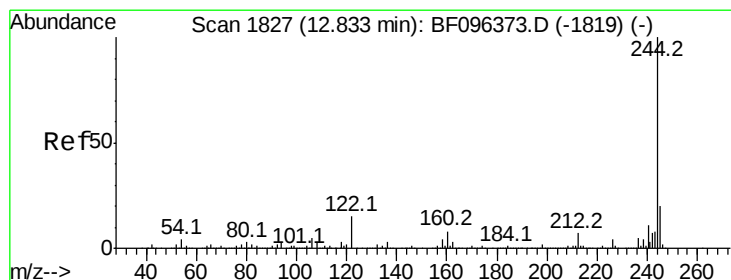
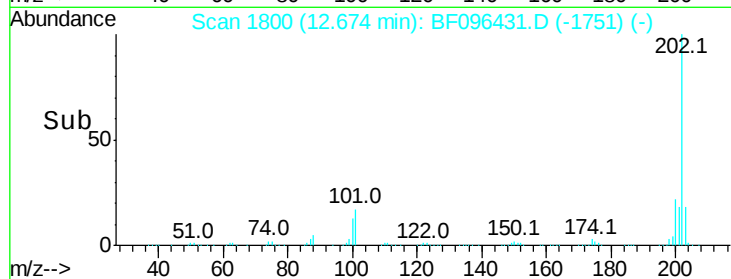
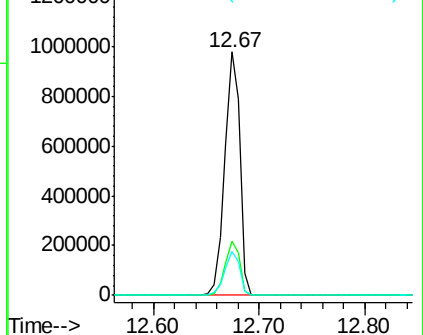
#77
Pvrene
Concen: 36.74 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 976622
Ion Ratio Lower Upper
202 100
200 22.4 17.6 26.4
203 17.9 14.4 21.6

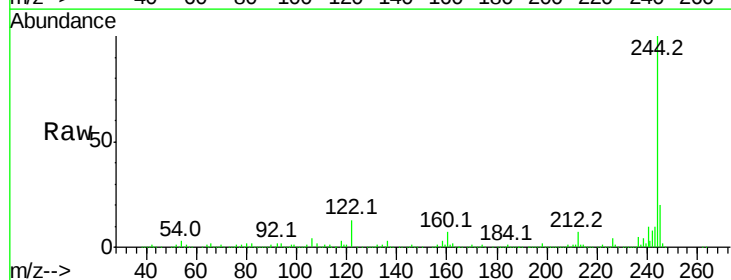


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

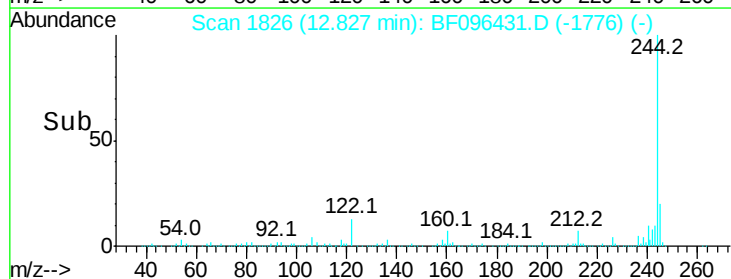
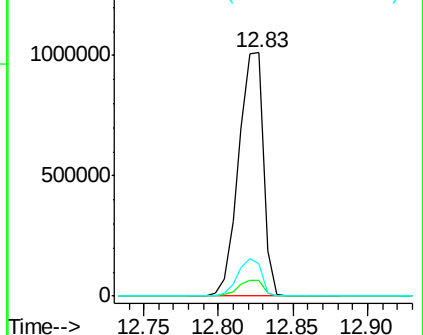


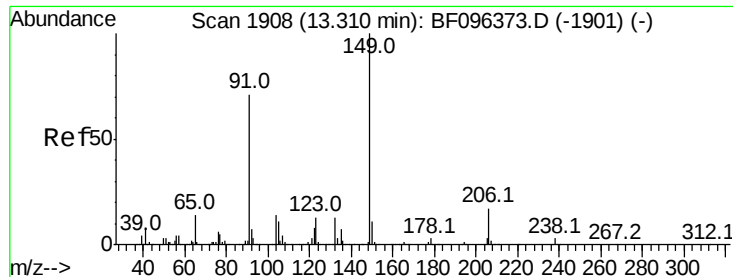
#78
Terphenyl-d14
Concen: 75.62 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion:244 Resp: 1172019
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 13.5 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

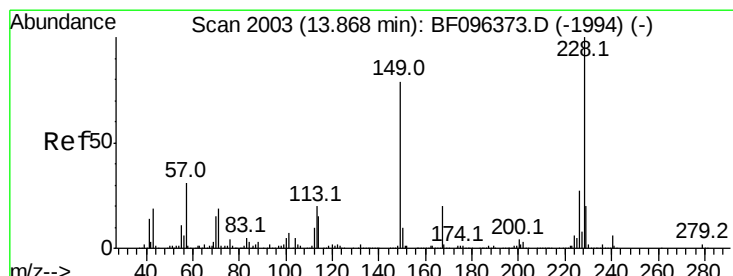
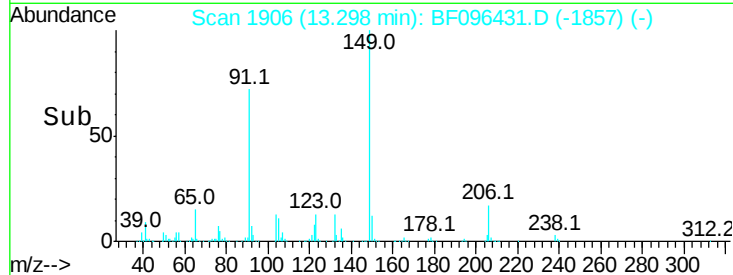
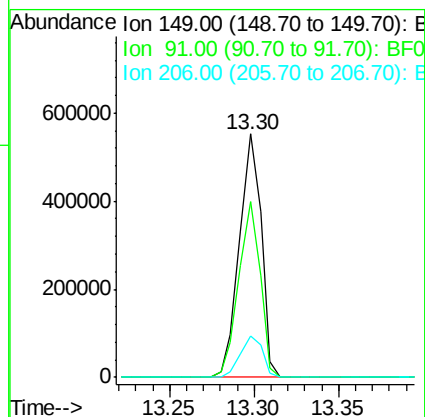
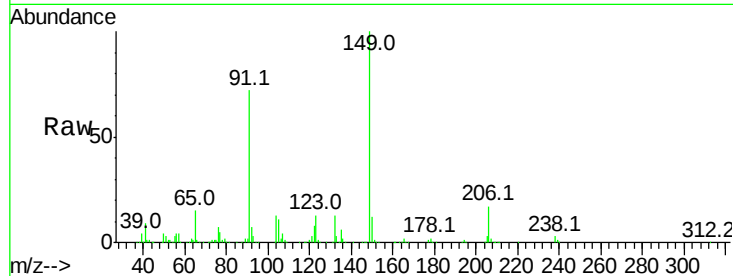




#79
 Butylbenzylphthalate
 Concen: 37.07 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

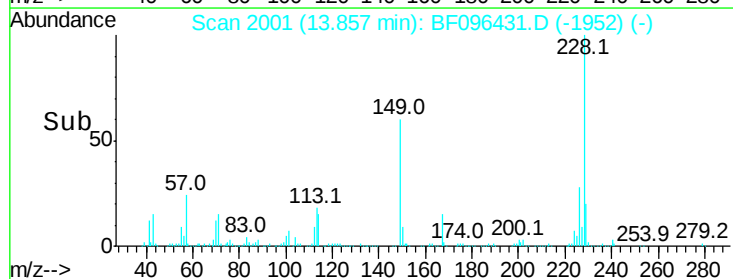
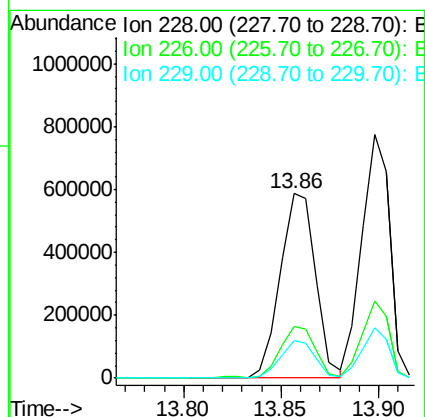
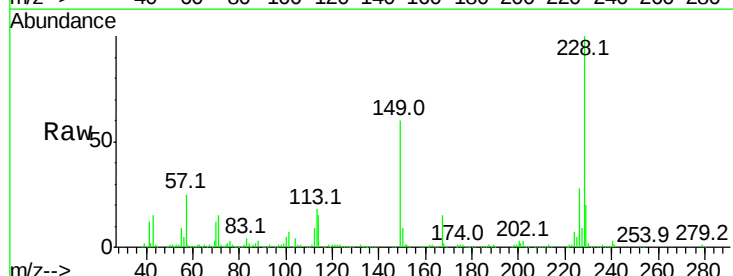
Instrument :
 BNA_F
 ClientSampleId :

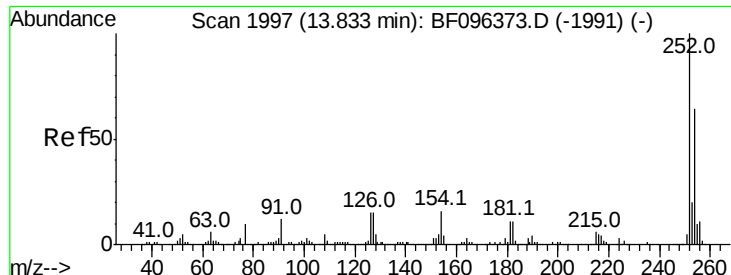
Tot Ion:	149	Resp:	498846
Ion Ratio	Lower	Upper	
149	100		
91	72.0	45.0	67.4#
206	16.9	17.0	25.6#



#80
 Benzo(a)anthracene
 Concen: 38.34 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF096431.D
 Acq: 3 Jul 2017 10:29

Tgt Ion:	228	Resp:	735361
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	20.0	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 39.78 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

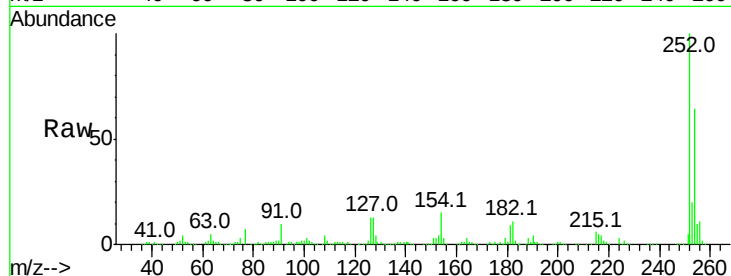
Tot Ion:252 Resp: 313342

Ion Ratio Lower Upper

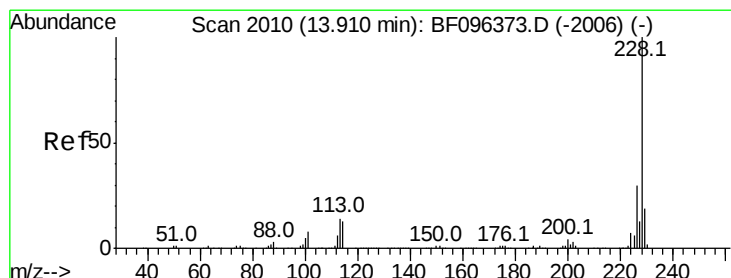
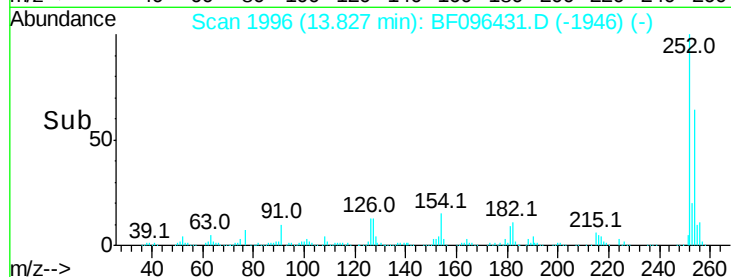
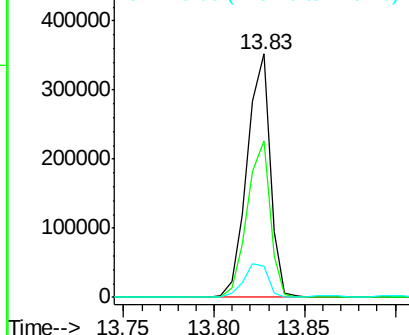
252 100

254 64.1 51.5 77.3

126 12.7 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: 38.45 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

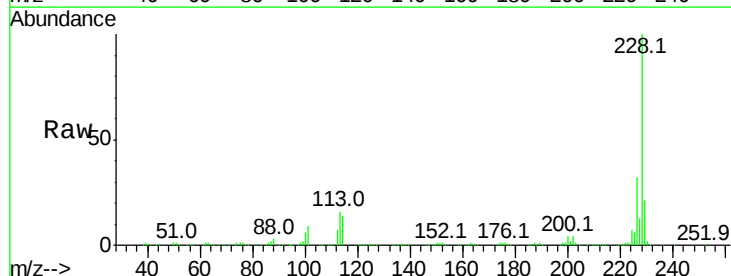
Tgt Ion:228 Resp: 772161

Ion Ratio Lower Upper

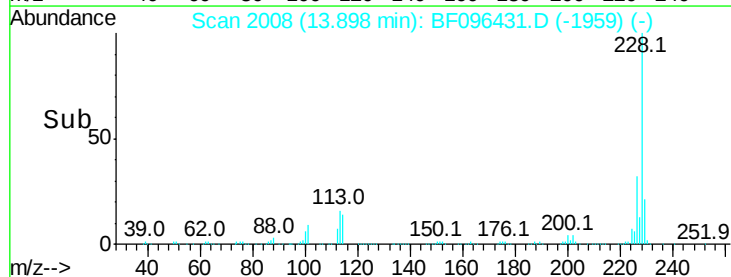
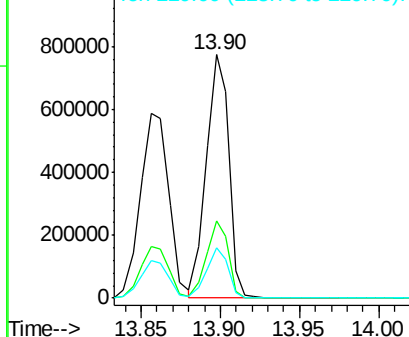
228 100

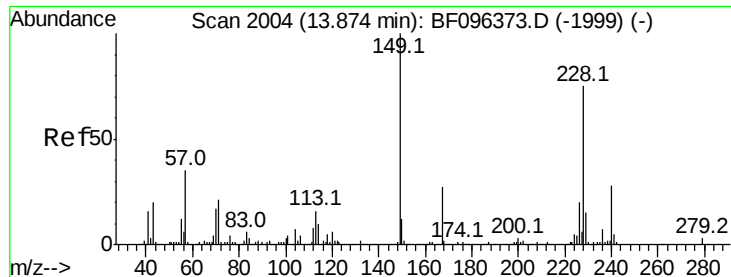
226 31.9 24.9 37.3

229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.47 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

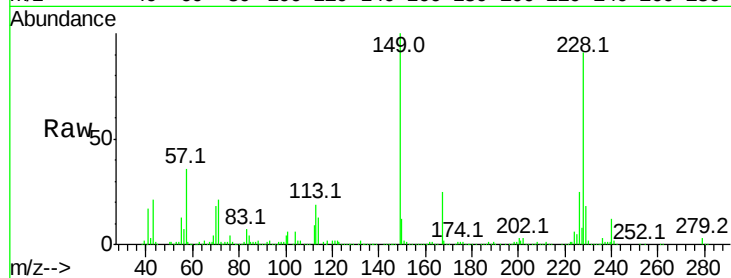
Tot Ion:149 Resp: 562801

Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

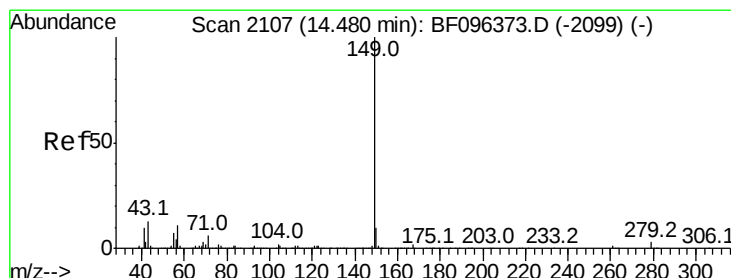
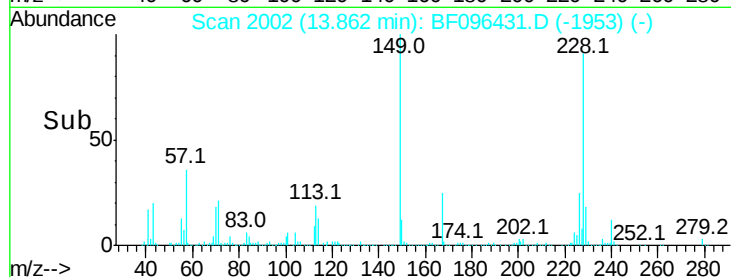
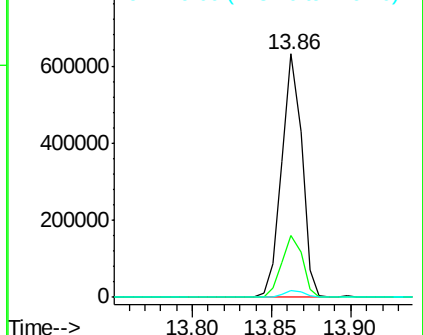
279 2.6 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.92 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

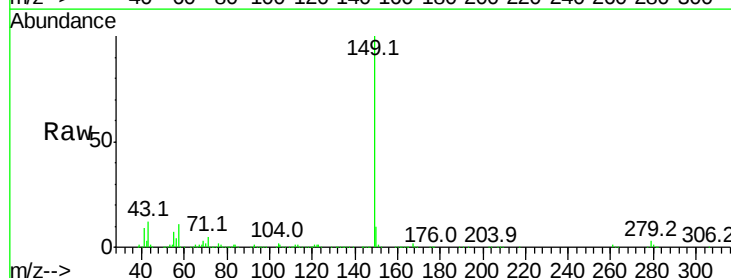
Tgt Ion:149 Resp: 1121784

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

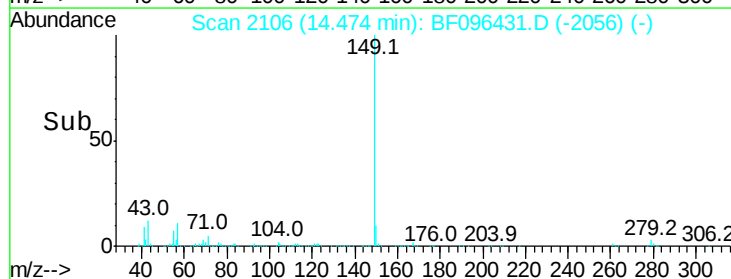
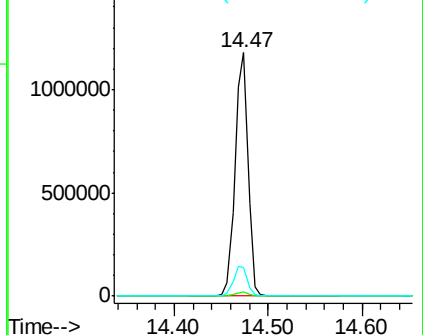
43 12.8 8.5 12.7#

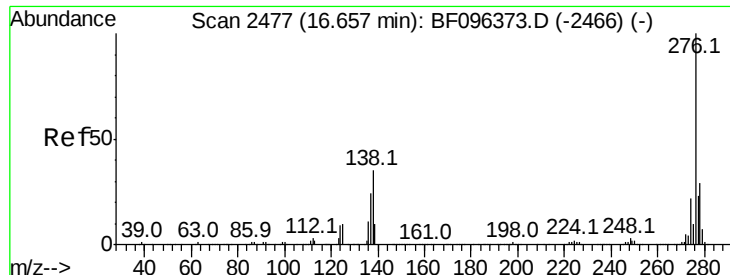


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

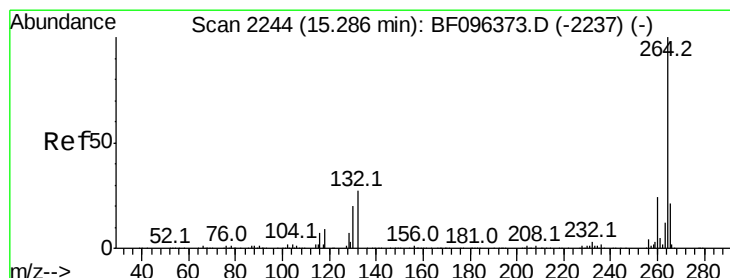
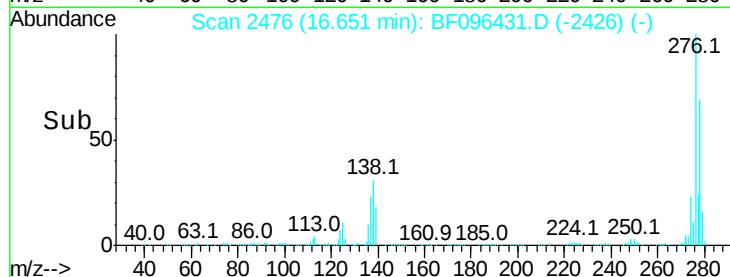
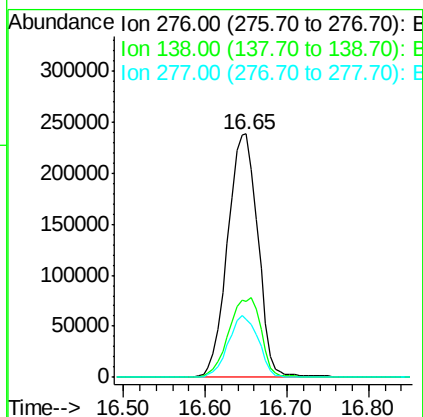
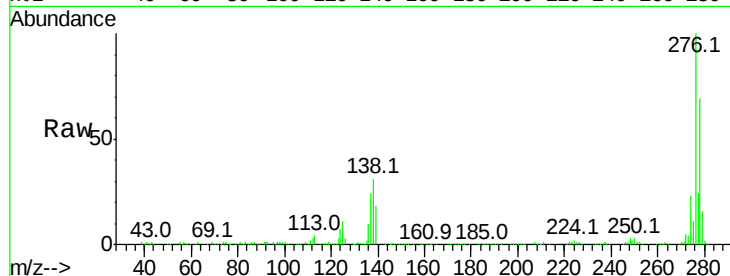




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.78 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

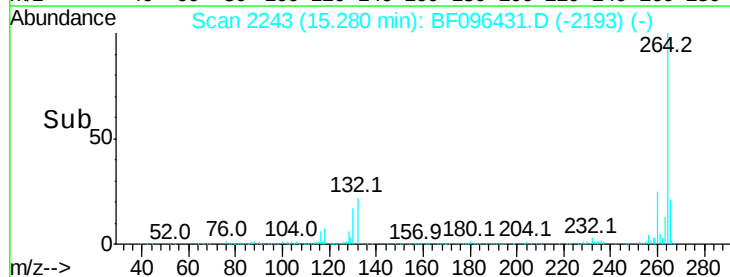
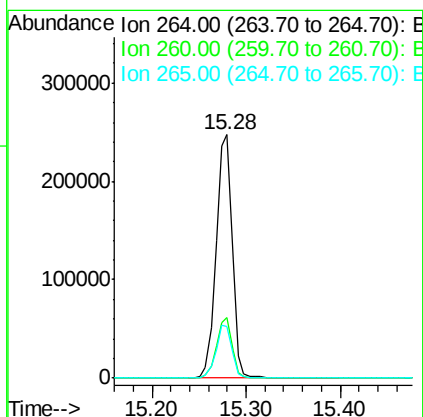
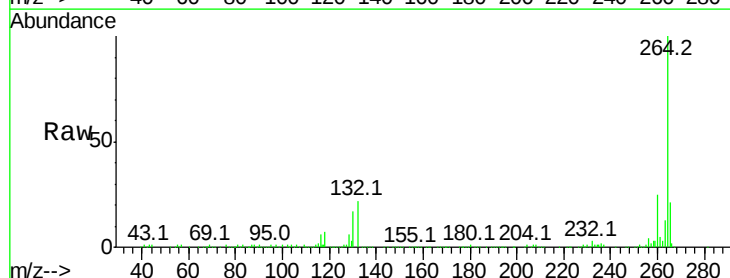
Instrument :
BNA_F
ClientSampleId :

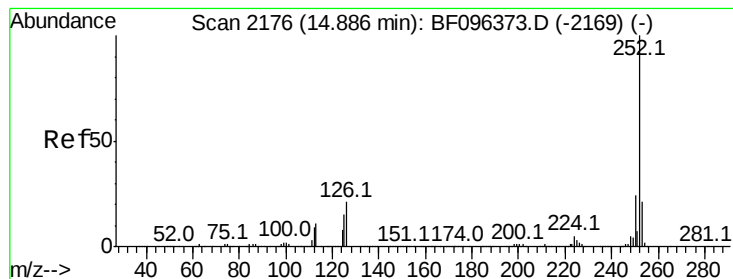
Tot Ion:276 Resp: 614859
Ion Ratio Lower Upper
276 100
138 35.0 27.8 41.6
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion:264 Resp: 297835
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 38.34 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

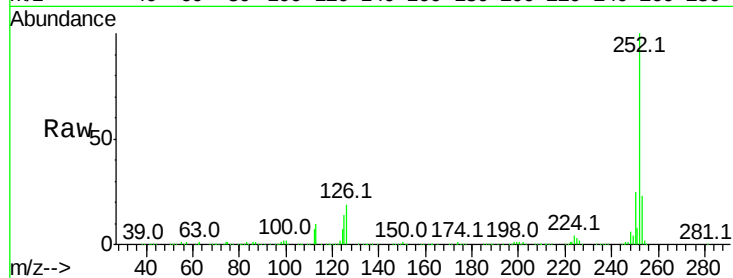
Tot Ion:252 Resp: 715421

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

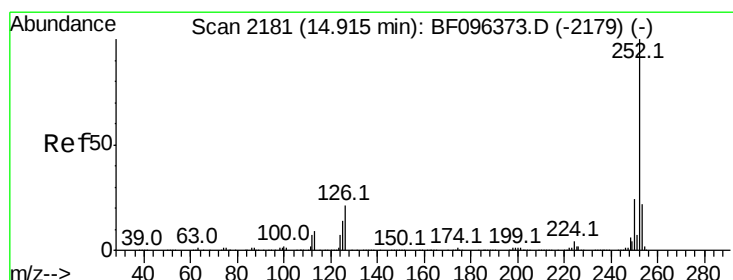
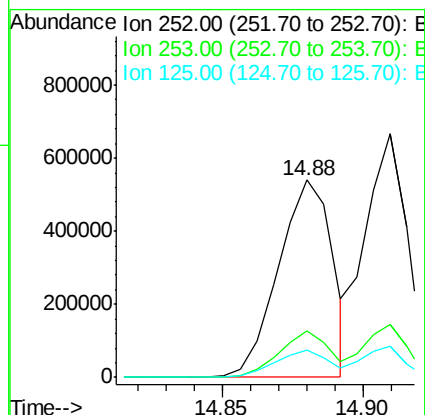
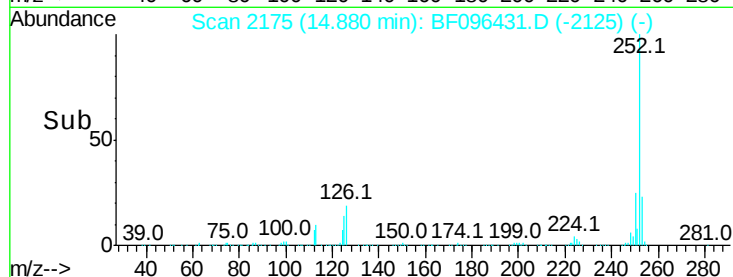
125 13.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.86 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

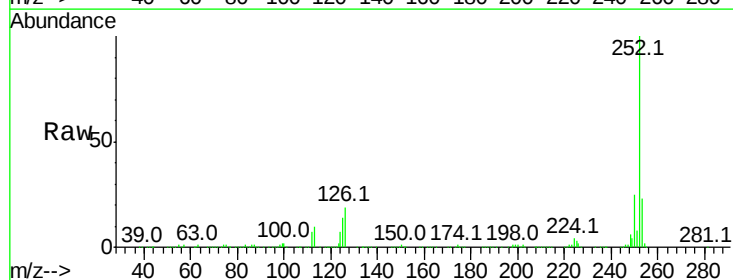
Tgt Ion:252 Resp: 715421

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

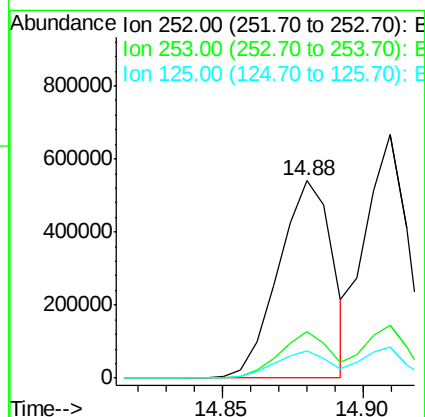
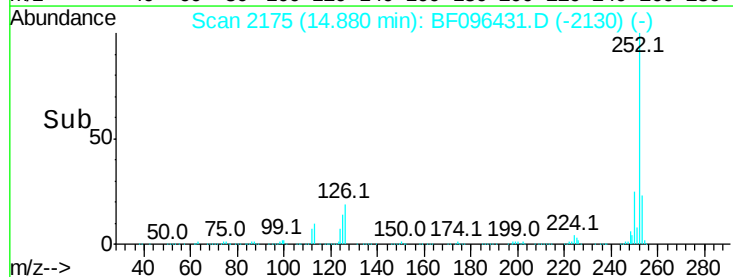
125 13.9 13.1 19.7

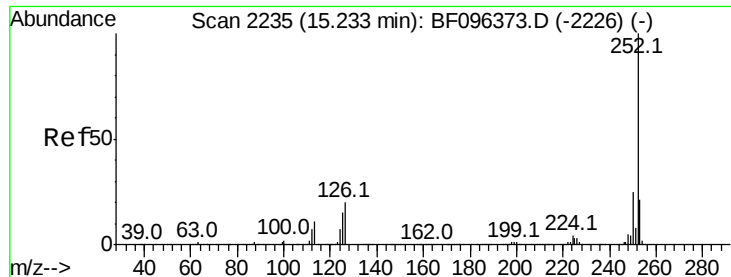


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

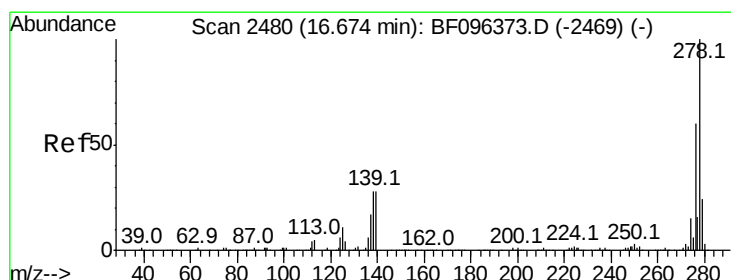
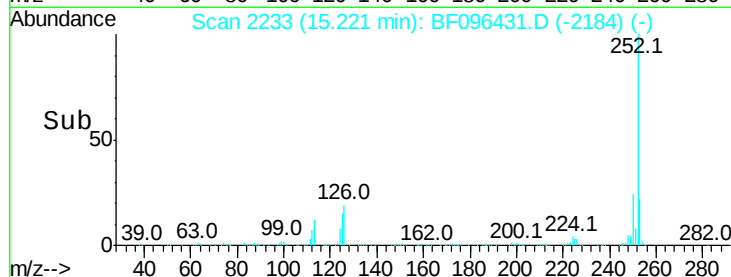
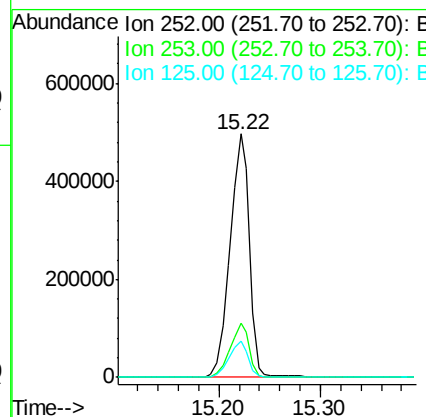
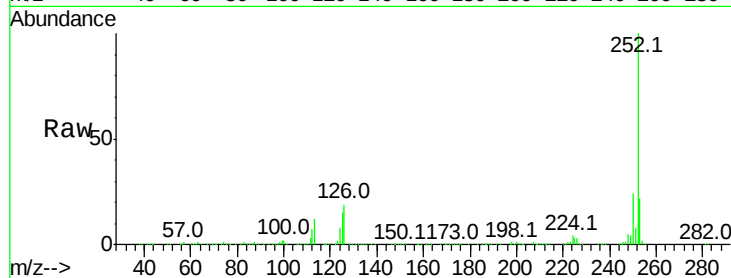




#89
Benzo(a)pyrene
Concen: 39.52 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

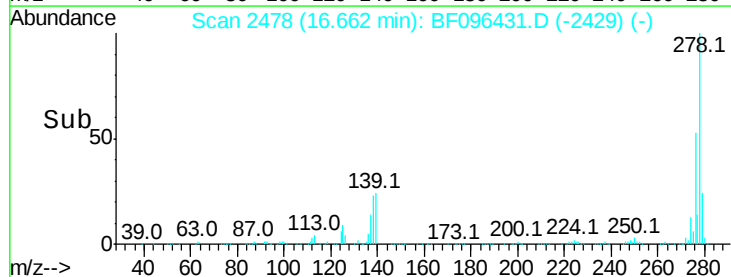
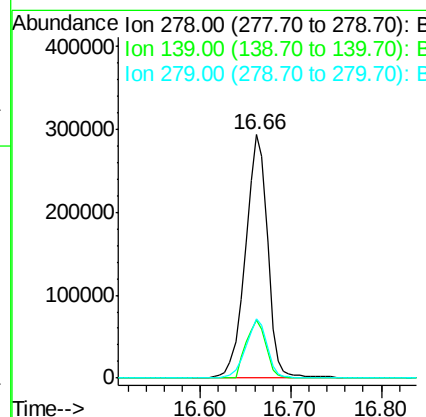
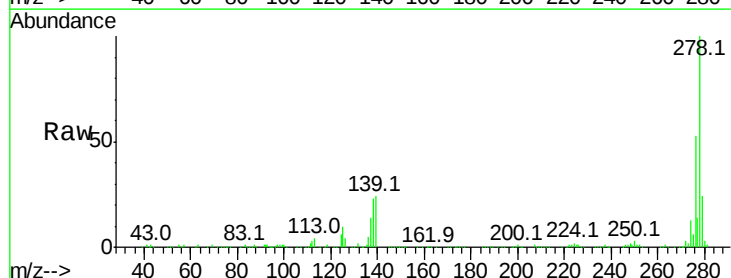
Instrument :
BNA_F
ClientSampleId :

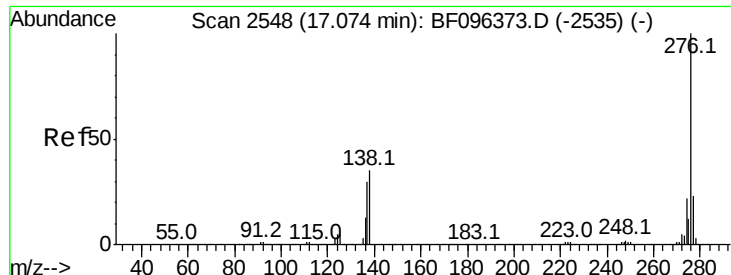
Tot Ion:252 Resp: 658396
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 14.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.06 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.01 min
Lab File: BF096431.D
Acq: 3 Jul 2017 10:29

Tgt Ion:278 Resp: 498815
Ion Ratio Lower Upper
278 100
139 23.8 16.6 24.8
279 24.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 36.89 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.01 min

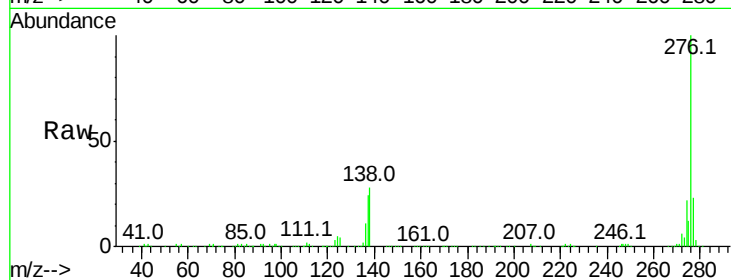
Lab File: BF096431.D

Acq: 3 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 501026

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 27.8 25.4 38.0

