

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096448.D
 Acq On : 3 Jul 2017 18:29
 Operator : SJ/MA
 Sample : I3979-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 01:14:22 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	130964	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	449912	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	167847	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	250106	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	213199	20.00	ng	0.00
86) Perylene-d12	15.28	264	158373	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	634537	71.51	ng	0.00
7) Phenol-d6	6.37	99	851015	78.02	ng	0.00
23) Nitrobenzene-d5	7.29	82	462359	61.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	113200	86.34	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	690713	70.36	ng	-0.01
78) Terphenyl-d14	12.82	244	494955	49.61	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	88849	21.12	ng	# 78
3) Pyridine	3.12	79	250564	21.70	ng	# 64
4) n-Nitrosodimethylamine	3.05	42	144315	25.33	ng	# 90
6) Aniline	6.39	93	317628	22.53	ng	# 92
8) 2-Chlorophenol	6.51	128	236419	24.99	ng	# 92
9) Benzaldehyde	6.27	77	96944	14.20	ng	# 99
10) Phenol	6.38	94	336062	27.04	ng	# 84
11) bis(2-Chloroethyl)ether	6.46	93	259560	27.03	ng	# 95
12) 1,3-Dichlorobenzene	6.67	146	268621	27.08	ng	# 98
13) 1,4-Dichlorobenzene	6.75	146	270725	27.30	ng	# 97
14) 1,2-Dichlorobenzene	6.90	146	228520	25.10	ng	# 97
15) Benzyl Alcohol	6.87	79	178657	24.50	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	467952	23.97	ng	# 91
17) 2-Methylphenol	6.99	107	180477	23.93	ng	# 98
18) Hexachloroethane	7.24	117	68710	19.11	ng	# 81
19) n-Nitroso-di-n-propylamine	7.14	70	149642	23.03	ng	# 85
20) 3+4-Methylphenols	7.14	107	221660	26.35	ng	# 90
22) Acetophenone	7.13	105	299916	30.51	ng	# 93
24) Nitrobenzene	7.30	77	233586	29.74	ng	# 92
25) Isophorone	7.55	82	440078	30.31	ng	# 96
26) 2-Nitrophenol	7.62	139	60983	14.67	ng	# 90
27) 2,4-Dimethylphenol	7.67	122	220264	31.12	ng	# 94
28) bis(2-Chloroethoxy)methane	7.76	93	308302	32.17	ng	# 99
29) 2,4-Dichlorophenol	7.87	162	174409	28.56	ng	# 98
30) 1,2,4-Trichlorobenzene	7.95	180	181318	31.47	ng	# 95
31) Naphthalene	8.03	128	616221	29.01	ng	# 99
32) Benzoic acid	7.67	122	220264	37.05	ng	# 10
33) 4-Chloroaniline	8.07	127	219675	24.90	ng	# 97
34) Hexachlorobutadiene	8.16	225	87019	29.45	ng	# 96
35) Caprolactam	8.43	113	46386	22.02	ng	# 72
36) 4-Chloro-3-methylphenol	8.56	107	162115	23.99	ng	# 94
37) 2-Methylnaphthalene	8.72	142	386636	28.60	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	138346	31.74	ng	# 99
40) Hexachlorocyclopentadiene	8.87	237	17838	8.42	ng	# 96

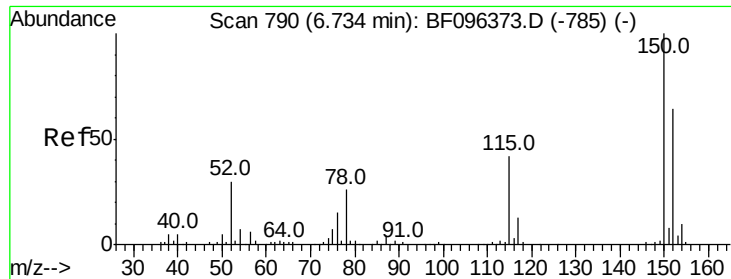
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	88708	25.73	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	91579	26.87	nq	97
45) 1,1'-Biphenyl	9.19	154	425992	29.62	nq	99
46) 2-Chloronaphthalene	9.21	162	314849	29.38	nq	96
47) 2-Nitroaniline	9.30	65	110122	28.24	nq	94
48) Acenaphthylene	9.62	152	481841	28.37	nq	99
49) Dimethylphthalate	9.48	163	537520	42.90	nq	99
50) 2,6-Dinitrotoluene	9.54	165	58671	21.17	nq	# 89
51) Acenaphthene	9.79	154	276597	26.42	nq	99
52) 3-Nitroaniline	9.70	138	104308	30.18	nq	97
54) Dibenzofuran	9.96	168	420293	30.41	nq	98
55) 4-Nitrophenol	9.87	139	104516	36.49	nq	# 73
56) 2,4-Dinitrotoluene	9.94	165	64967	18.52	nq	# 81
57) Fluorene	10.30	166	293315	30.05	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	66096	28.02	nq	97
59) Diethylphthalate	10.18	149	353425	29.84	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	129736	30.55	nq	96
61) 4-Nitroaniline	10.32	138	96293	30.64	nq	90
62) Azobenzene	10.46	77	292721	25.56	nq	93
64) 4,6-Dinitro-2-methylphenol	10.35	198	4094	2.37	nq	78
65) n-Nitrosodiphenylamine	10.42	169	271177	30.90	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	75399	30.97	nq	98
67) Hexachlorobenzene	10.86	284	77352	29.02	nq	# 89
68) Atrazine	10.95	200	73989	29.51	nq	94
69) Pentachlorophenol	11.05	266	76618	48.50	nq	98
70) Phenanthrene	11.26	178	405458	29.99	nq	99
71) Anthracene	11.32	178	424302	30.80	nq	98
72) Carbazole	11.47	167	411843	29.72	nq	98
73) Di-n-butylphthalate	11.81	149	493306	29.39	nq	# 98
74) Fluoranthene	12.45	202	429222	32.38	nq	97
76) Benzidine	12.57	184	326120	31.88	nq	# 92
77) Pyrene	12.67	202	447473	26.15	nq	99
79) Butylbenzylphthalate	13.30	149	216700	25.01	nq	# 80
80) Benzo(a)anthracene	13.86	228	351491	28.47	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	134808	26.59	nq	# 95
82) Chrysene	13.90	228	349229	27.01	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	285252	29.50	nq	99
84) Di-n-octyl phthalate	14.47	149	537116	28.21	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.64	276	238409	23.36	nq	99
87) Benzo(b)fluoranthene	14.88	252	278886	28.10	nq	98
88) Benzo(k)fluoranthene	14.91	252	278620	31.39	nq	96
89) Benzo(a)pyrene	15.22	252	257917	29.11	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	201320	28.88	nq	96
91) Benzo(g,h,i)perylene	17.06	276	194775	26.97	nq	97

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

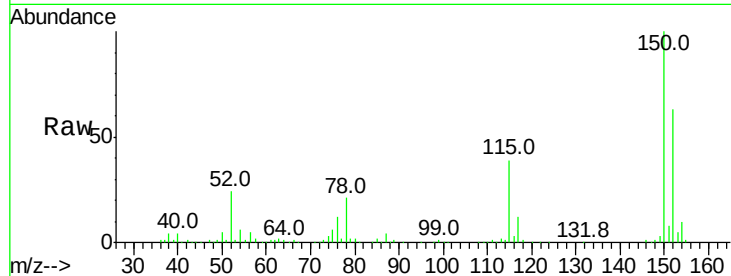


#1

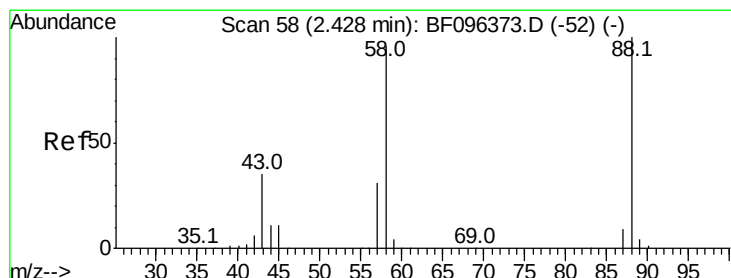
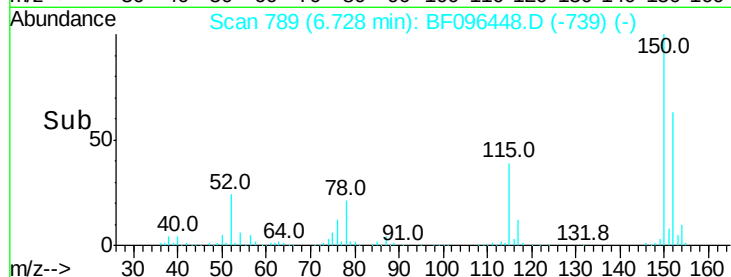
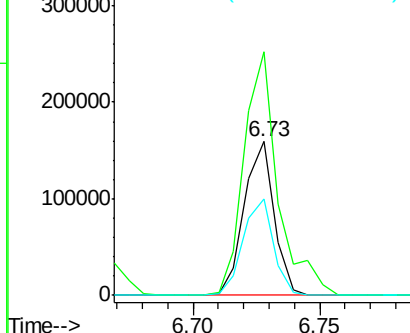
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130964
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 62.2 52.2 78.2



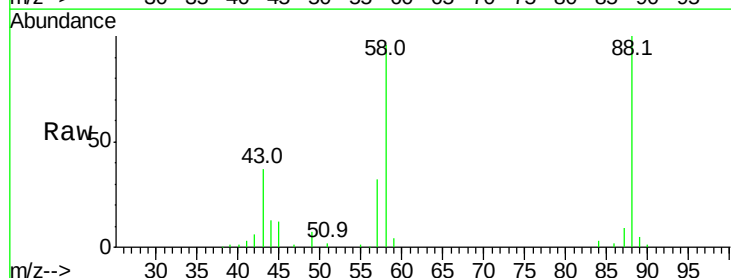
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



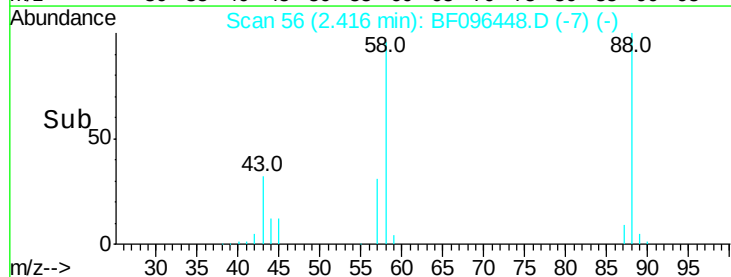
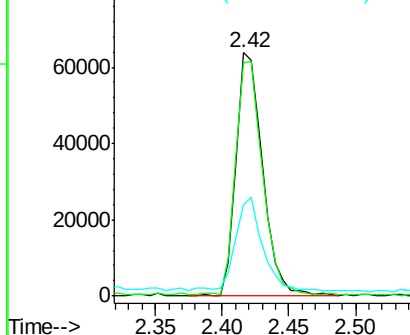
#2

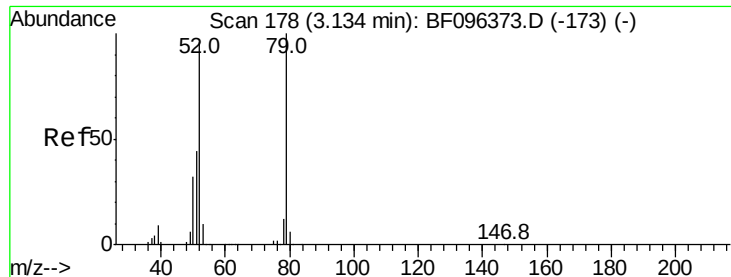
1,4-Dioxane
Concen: 21.12 ng
RT: 2.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion: 88 Resp: 88849
Ion Ratio Lower Upper
88 100
58 96.7 61.4 92.0#
43 39.4 23.4 35.0#



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





#3

Pvridine

Concen: 21.70 ng

RT: 3.12 min Scan# 176

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

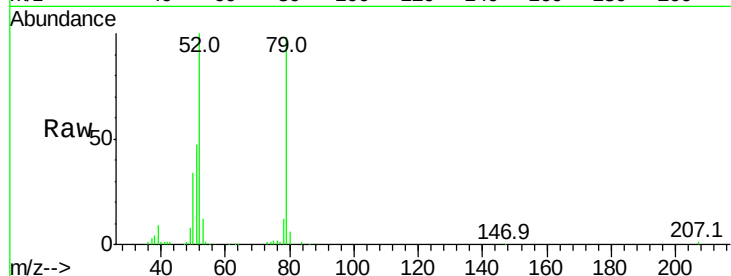
Tot Ion: 79 Resp: 250564

Ion Ratio Lower Upper

79 100

52 102.1 54.8 82.2#

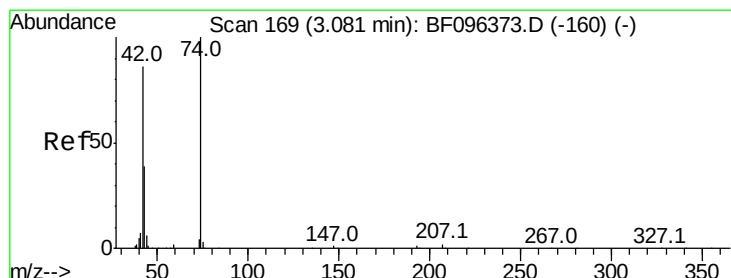
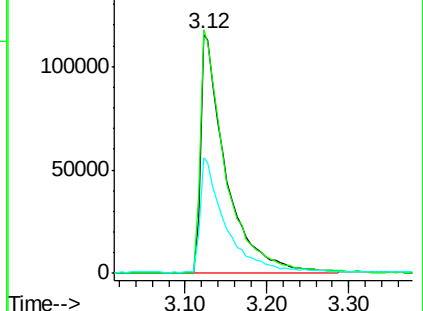
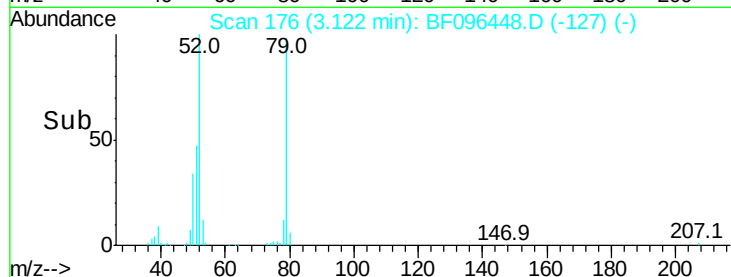
51 48.3 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 25.33 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.03 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

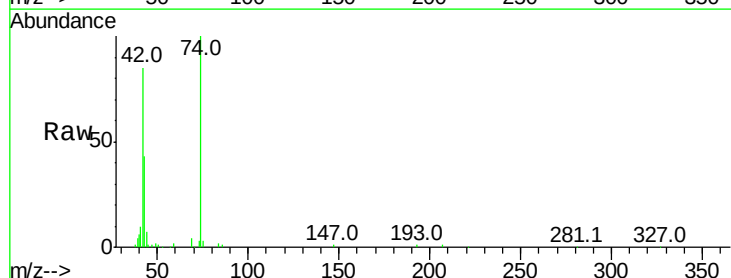
Tgt Ion: 42 Resp: 144315

Ion Ratio Lower Upper

42 100

74 117.7 103.9 155.9

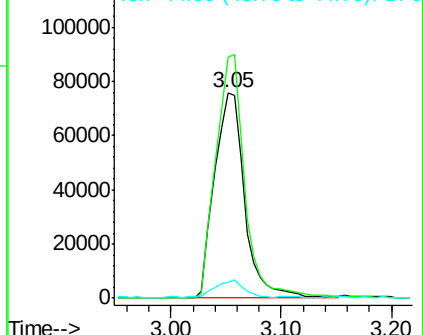
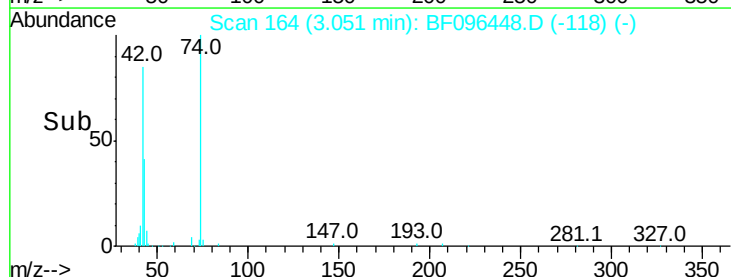
44 7.9 5.7 8.5

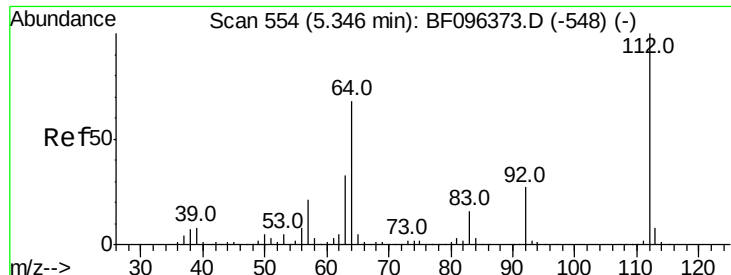


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 71.51 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampled :

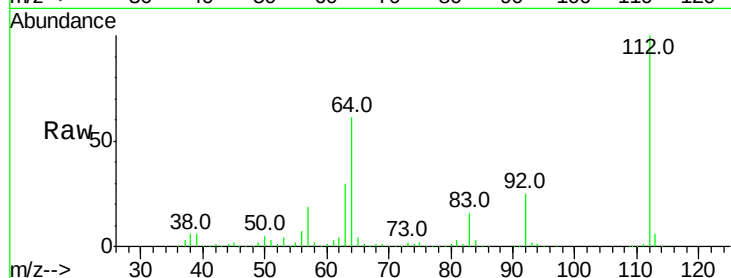
Tot Ion:112 Resp: 634537

Ion Ratio Lower Upper

112 100

64 60.9 46.0 69.0

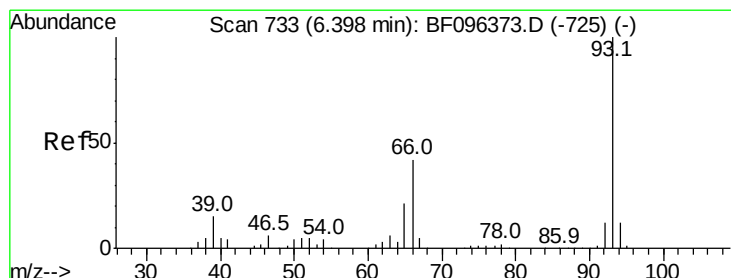
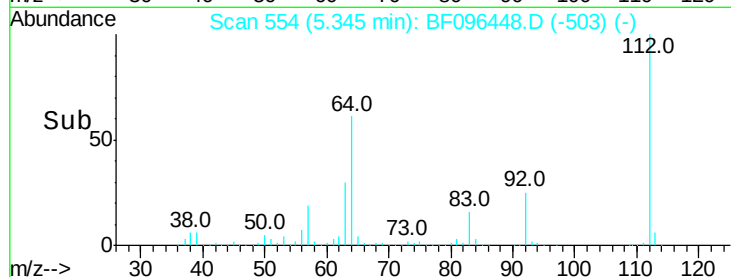
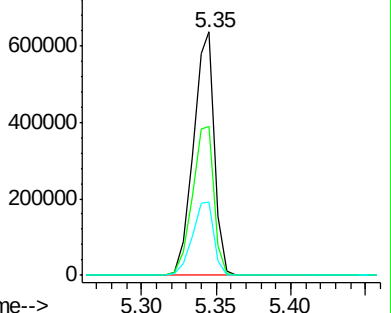
63 30.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.53 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

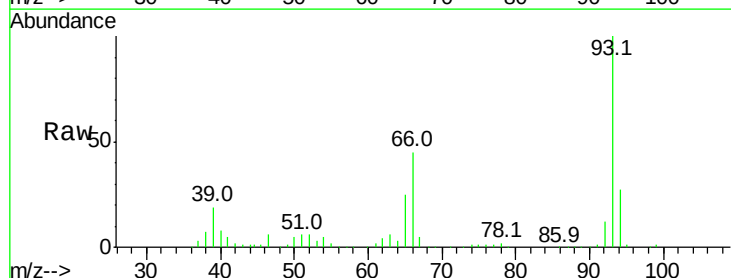
Tgt Ion: 93 Resp: 317628

Ion Ratio Lower Upper

93 100

66 44.9 32.9 49.3

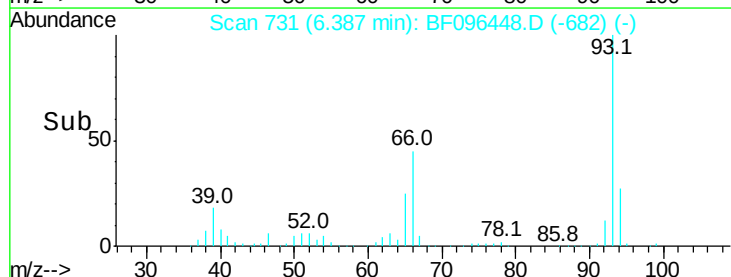
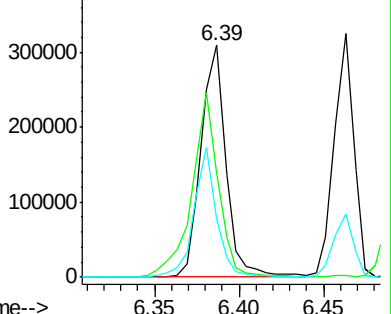
65 25.0 16.0 24.0#

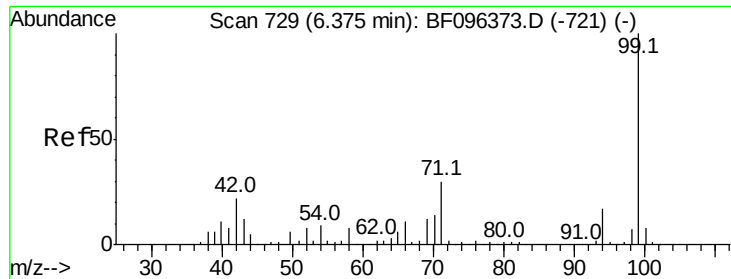


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.02 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

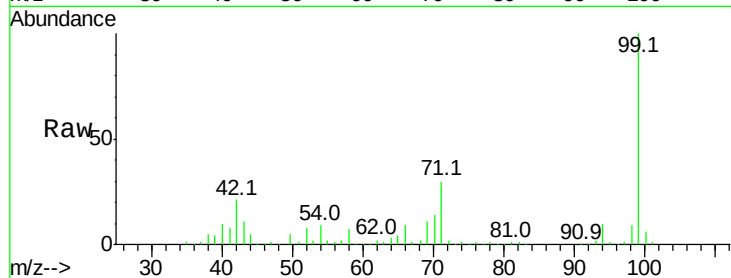
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 851015

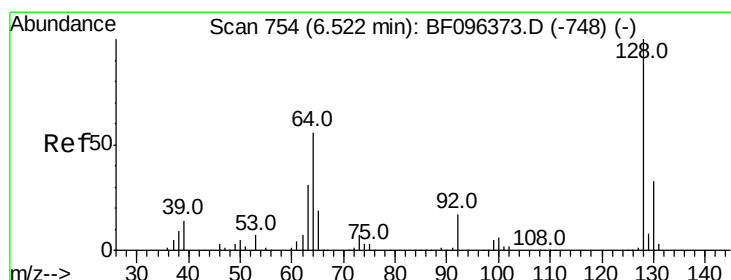
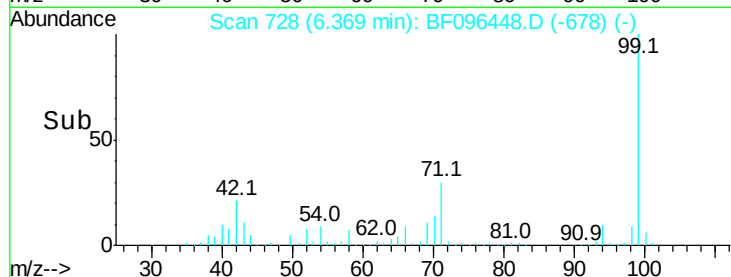
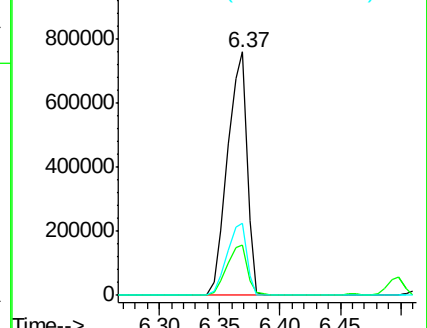
Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.5	20.3#
71	29.8	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 24.99 ng

RT: 6.51 min Scan# 752

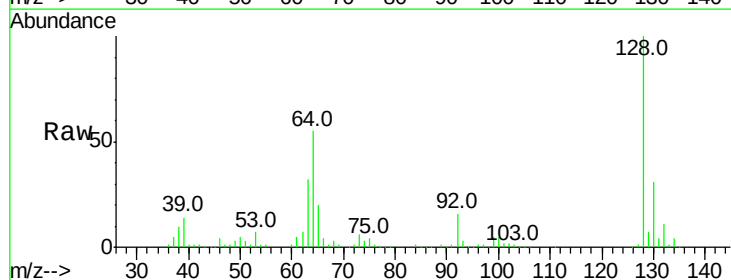
Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Tgt Ion:128 Resp: 236419

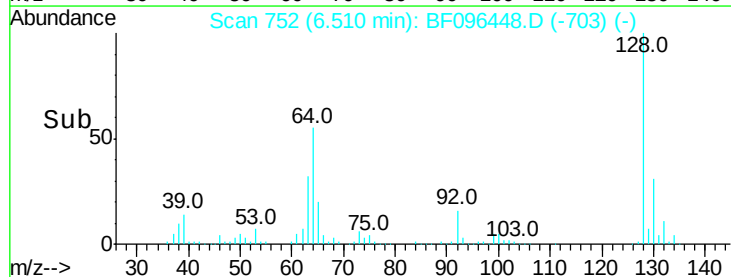
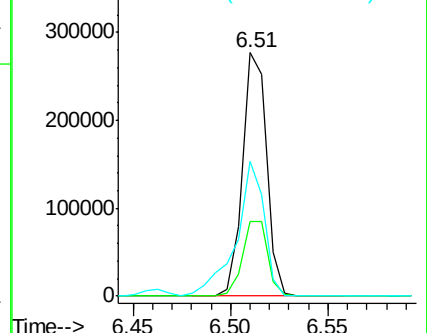
Ion	Ratio	Lower	Upper
128	100		
130	30.5	12.9	52.9
64	55.2	28.4	68.4

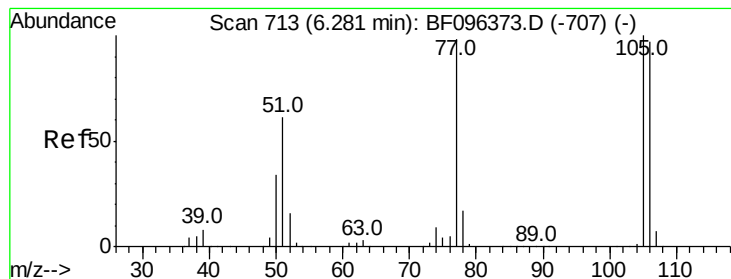


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.20 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

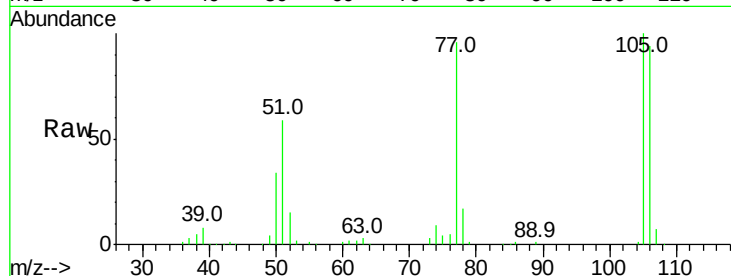
Tot Ion: 77 Resp: 96944

Ion Ratio Lower Upper

77 100

105 104.3 83.8 123.8

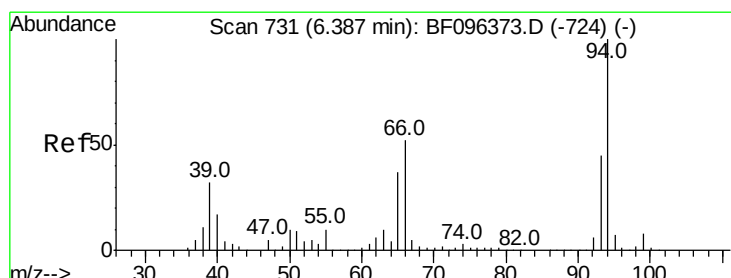
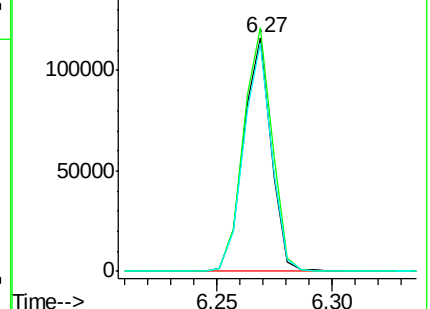
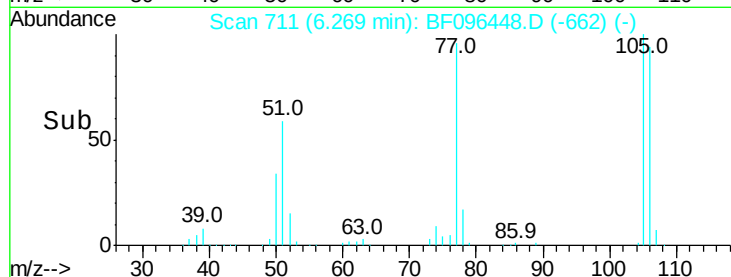
106 97.9 79.1 119.1



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: 27.04 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

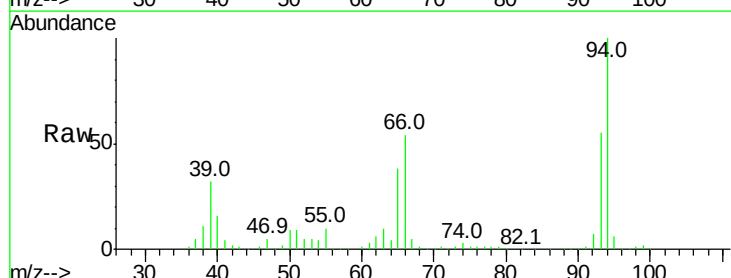
Tgt Ion: 94 Resp: 336062

Ion Ratio Lower Upper

94 100

65 37.8 9.9 49.9

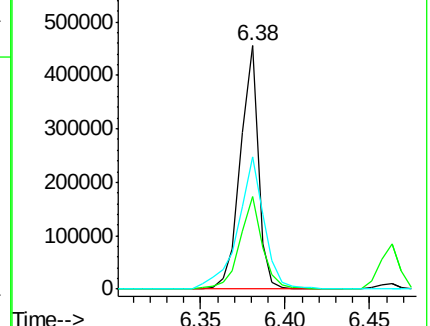
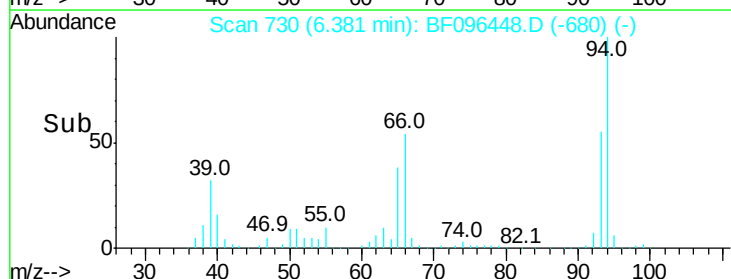
66 54.2 23.1 63.1

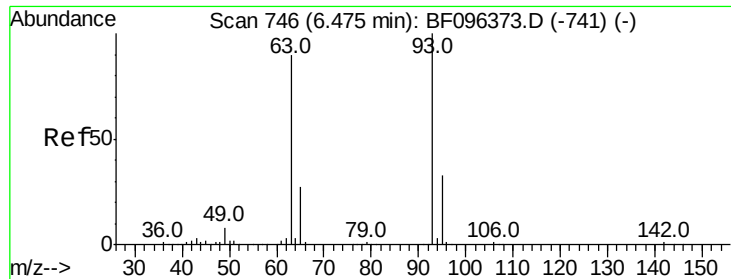


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 27.03 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

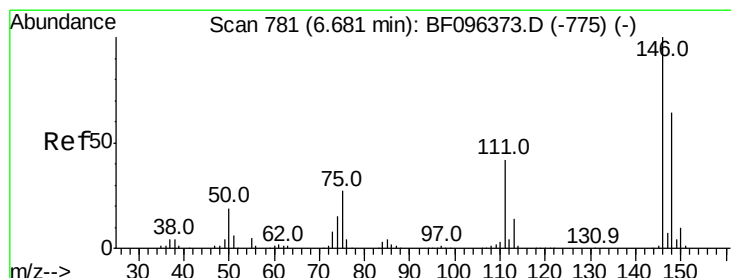
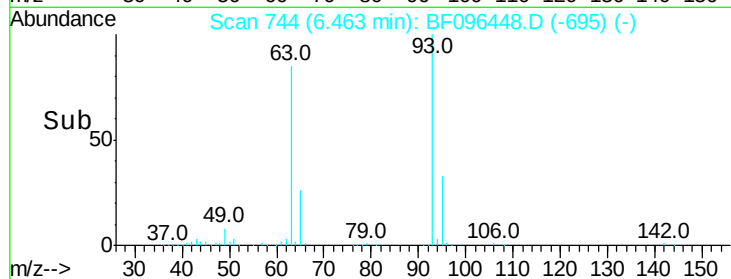
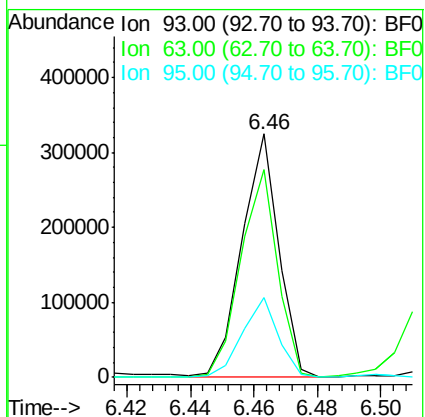
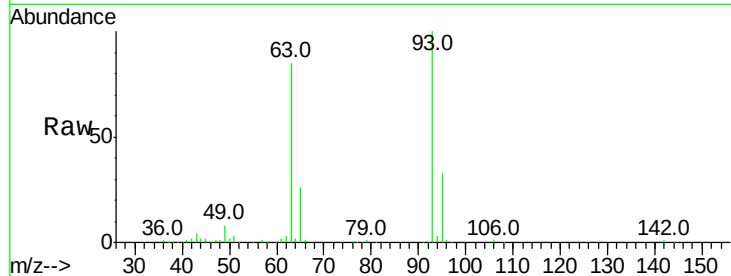
Tot Ion: 93 Resp: 259560

Ion Ratio Lower Upper

93 100

63 85.2 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 27.08 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

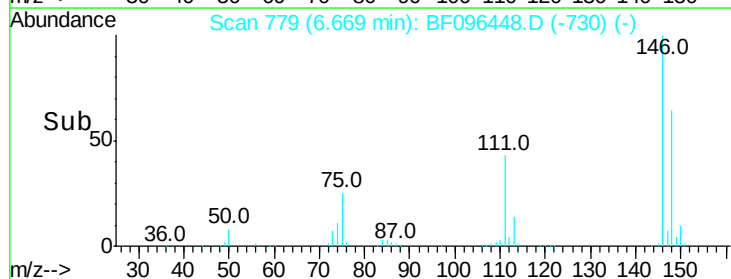
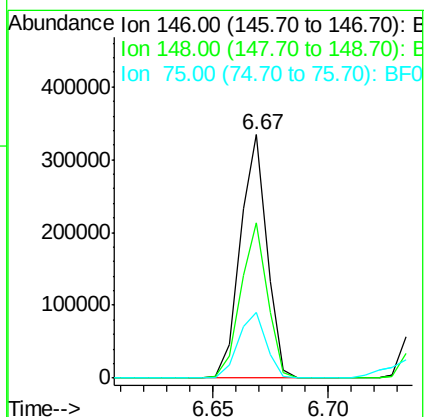
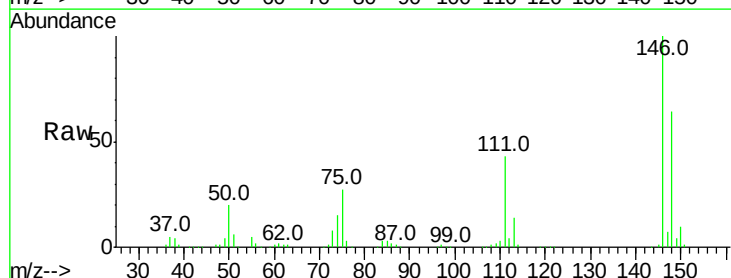
Tgt Ion: 146 Resp: 268621

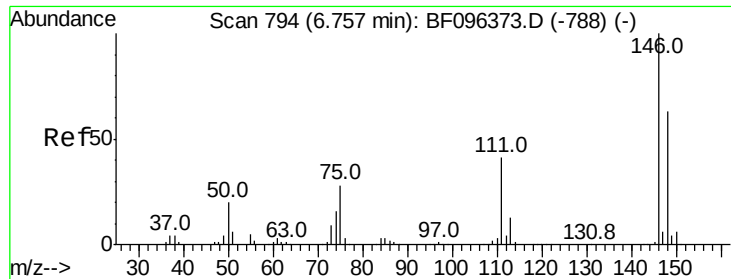
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 27.0 23.1 34.7

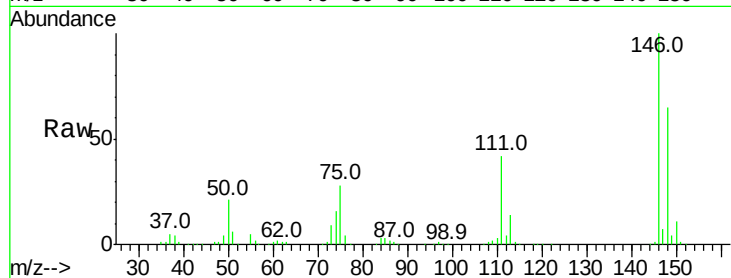




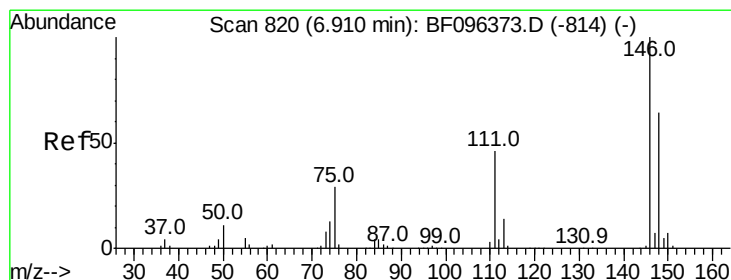
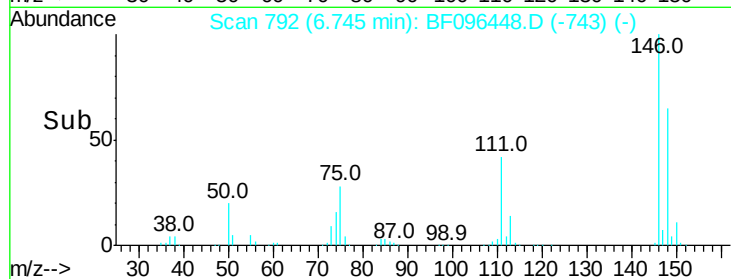
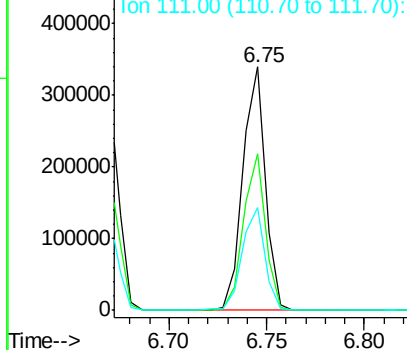
#13
 1,4-Dichlorobenzene
 Concen: 27.30 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 270725
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 42.2 30.3 45.5

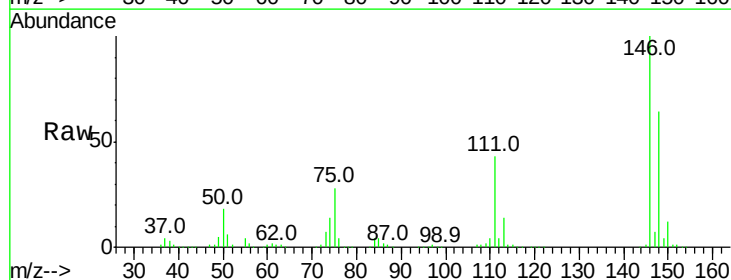


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

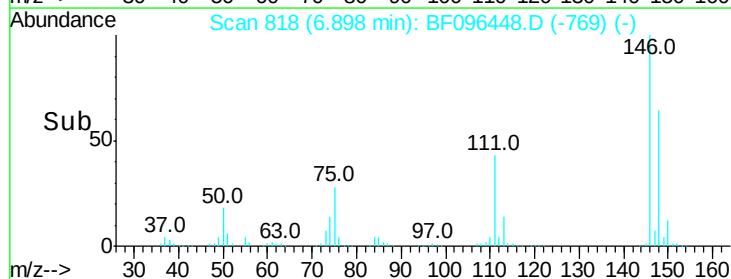
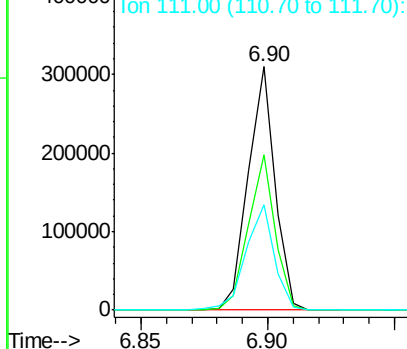


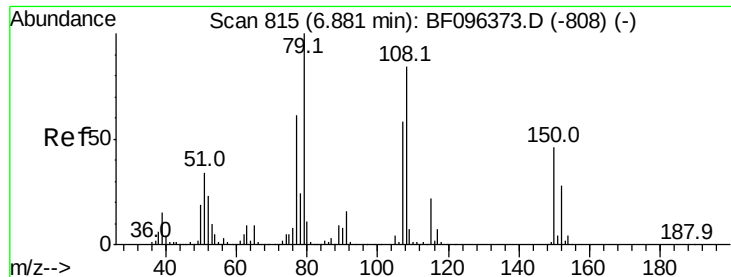
#14
 1,2-Dichlorobenzene
 Concen: 25.10 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion:146 Resp: 228520
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 43.3 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: 24.50 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

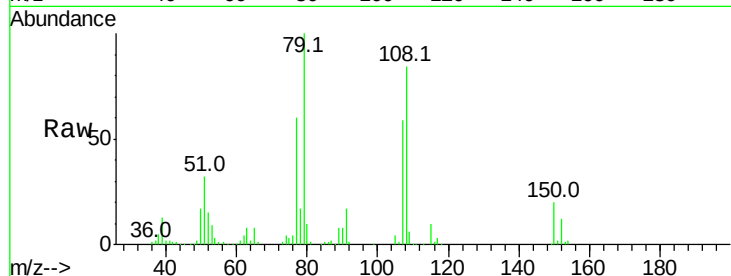
Tot Ion: 79 Resp: 178657

Ion Ratio Lower Upper

79 100

108 84.3 63.4 95.0

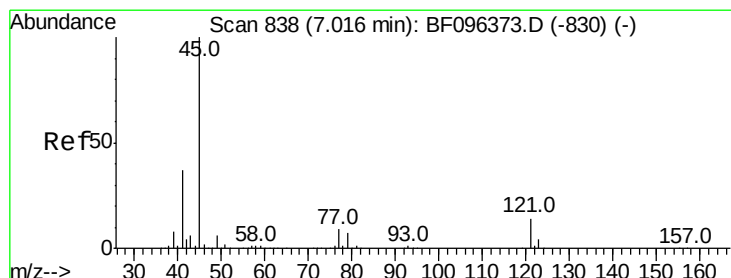
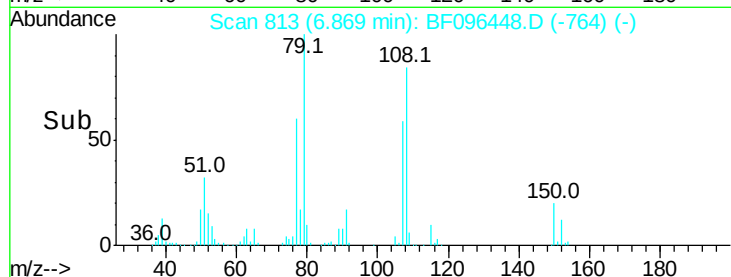
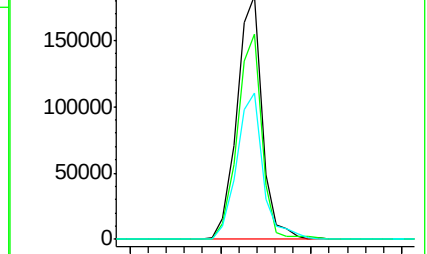
77 60.0 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 23.97 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

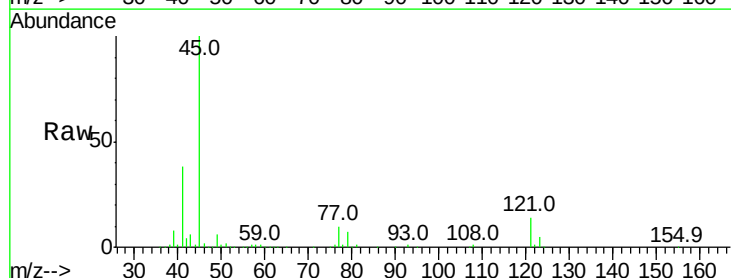
Tgt Ion: 45 Resp: 467952

Ion Ratio Lower Upper

45 100

77 9.6 0.0 33.2

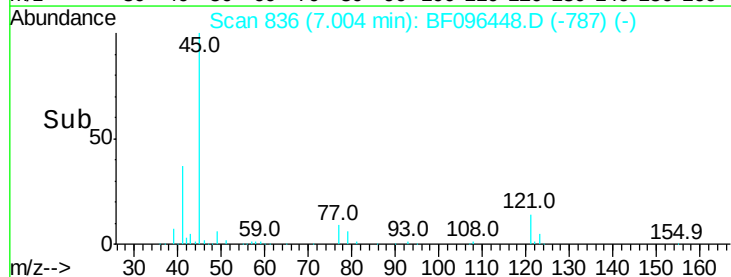
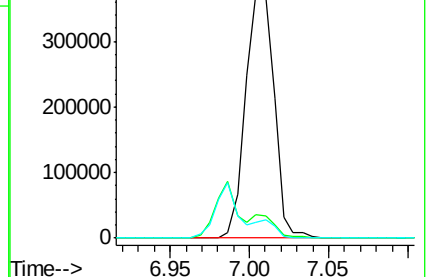
79 6.7 0.0 30.0

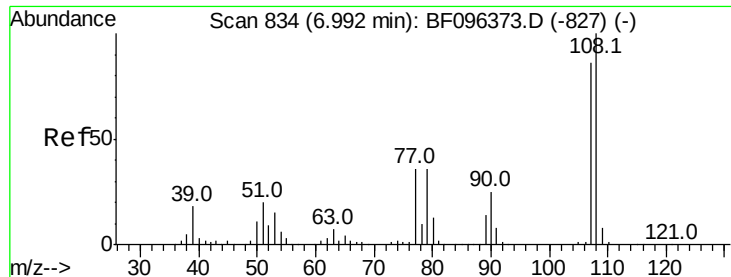


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

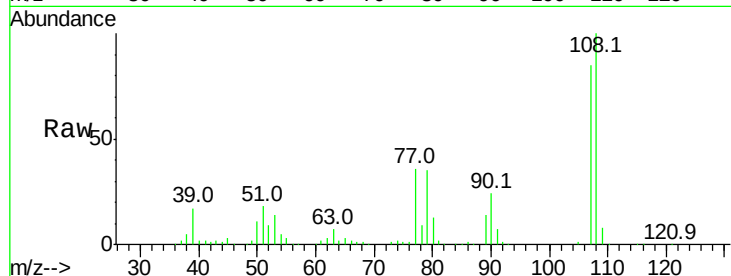




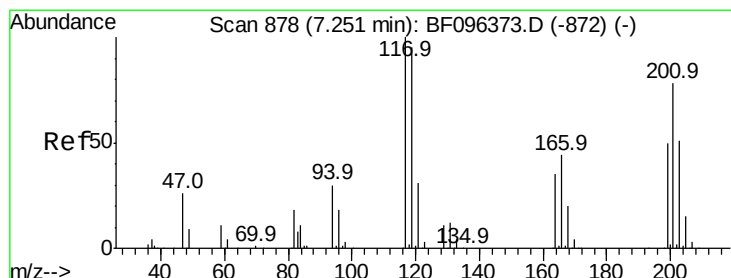
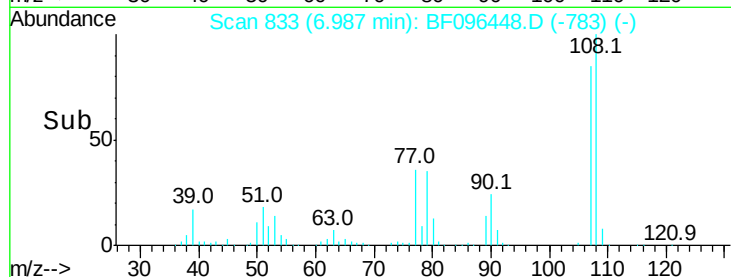
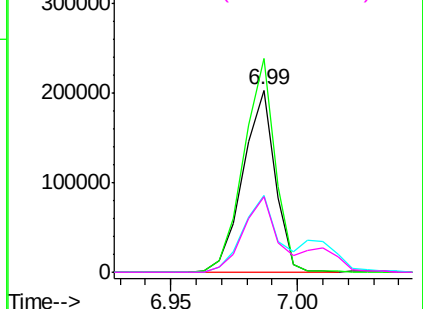
#17
2-Methylphenol
Concen: 23.93 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.3	93.4	140.0
77	42.1	35.8	53.6
79	41.1	34.8	52.2

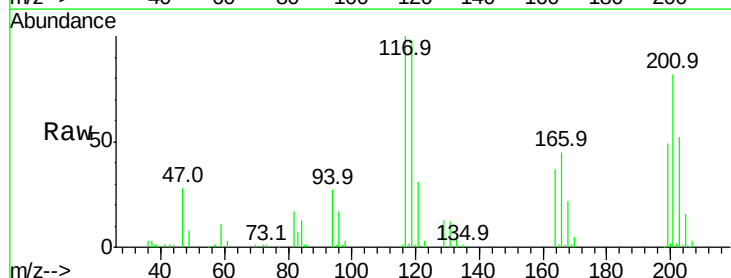


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

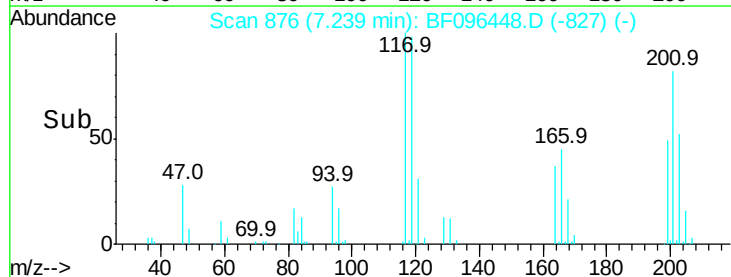
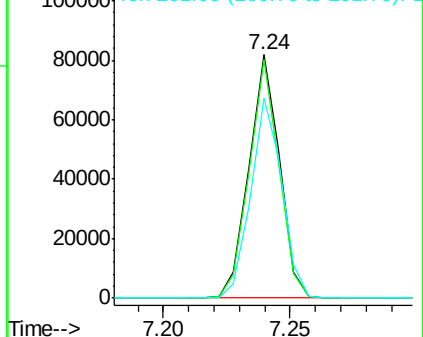


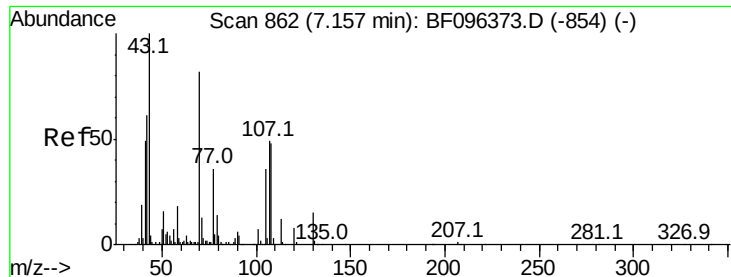
#18
Hexachloroethane
Concen: 19.11 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0
201	82.1	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

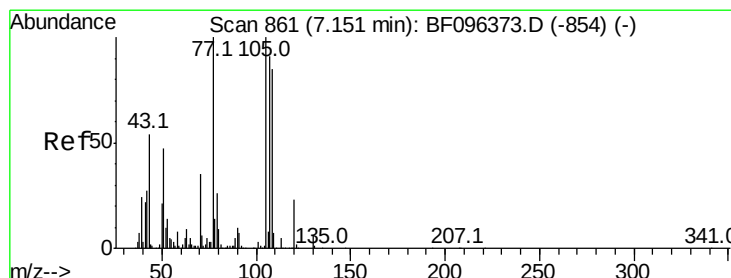
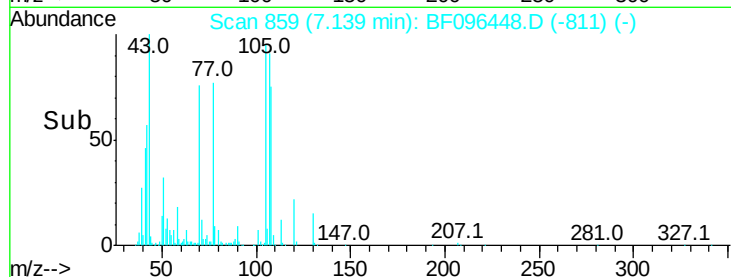
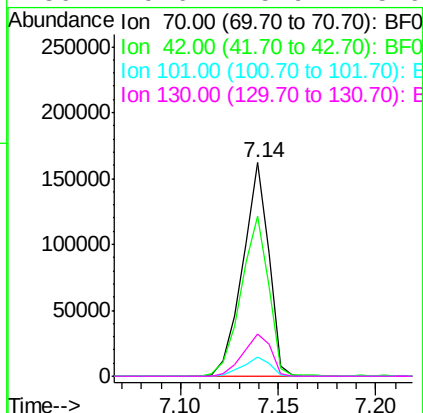
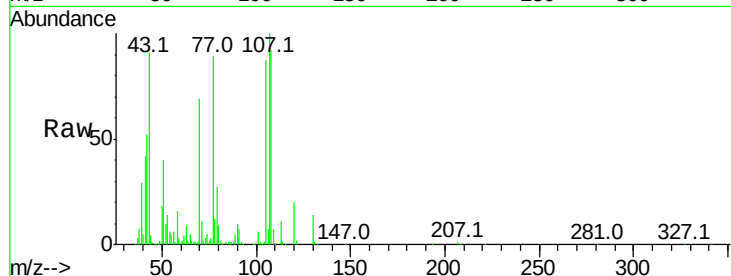




#19
n-Nitroso-di-n-propylamine
Concen: 23.03 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

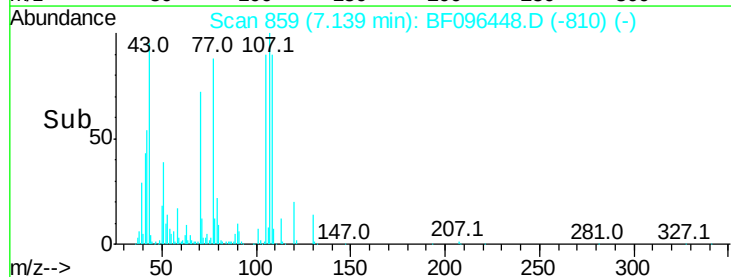
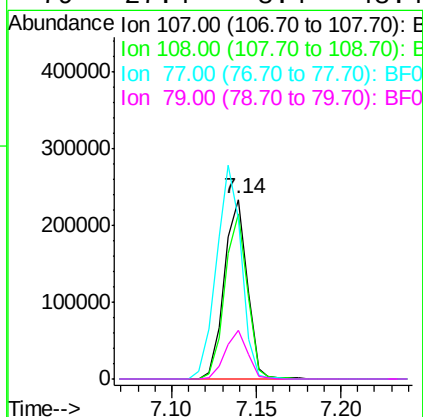
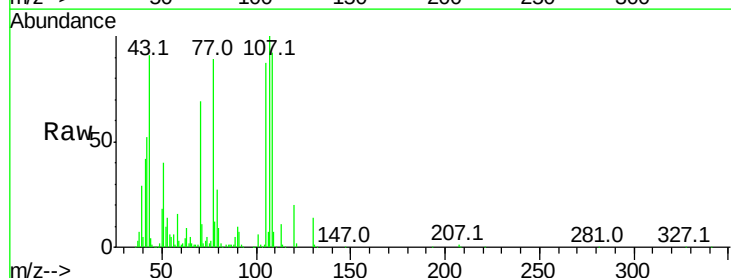
Instrument :
BNA_F
ClientSampled :

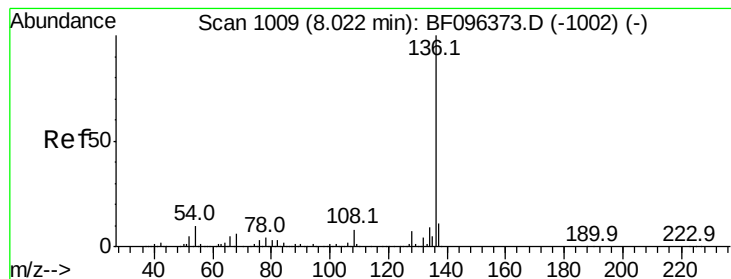
Tot Ion:	70	Resp:	149642
Ion	Ratio	Lower	Upper
70	100		
42	75.1	47.2	70.8#
101	9.1	7.2	10.8
130	19.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 26.35 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion:	107	Resp:	221660
Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.0	111.0
77	89.1	90.5	130.5#
79	27.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 449912

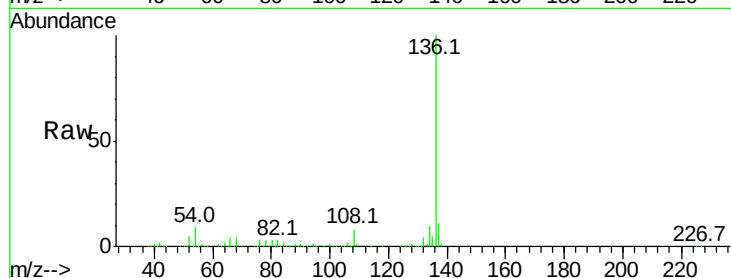
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.0 4.9 7.3#

68 4.4 4.1 6.1

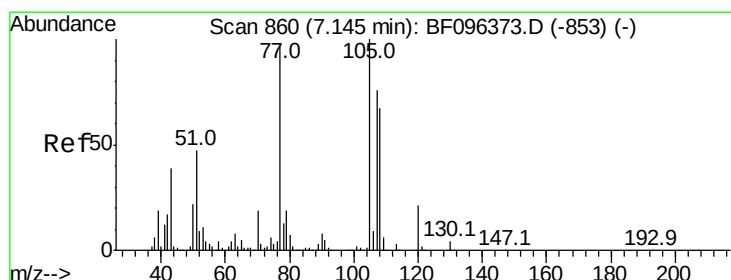
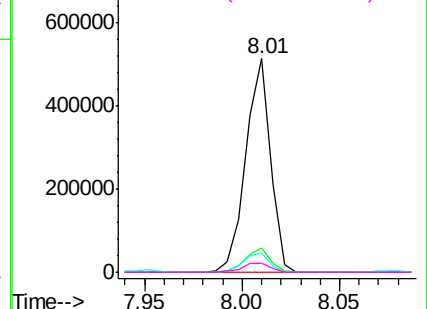
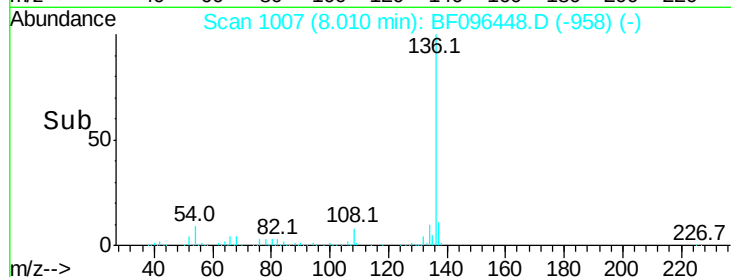


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 30.51 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Tgt Ion:105 Resp: 299916

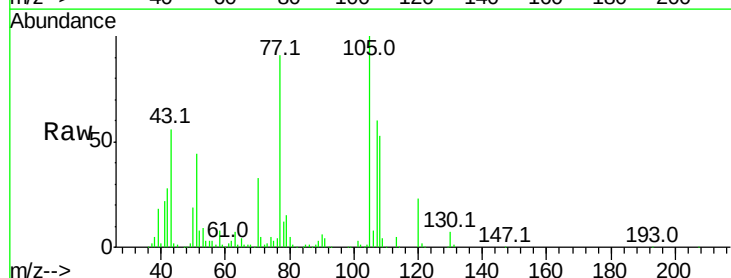
Ion Ratio Lower Upper

105 100

71 5.3 2.8 4.2#

51 44.4 30.7 46.1

120 22.9 17.4 26.0

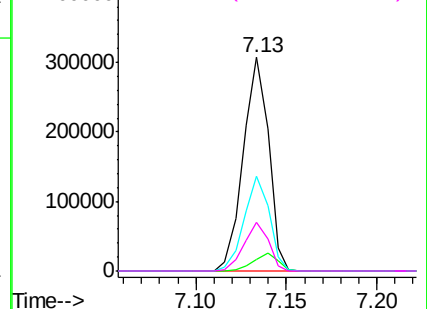
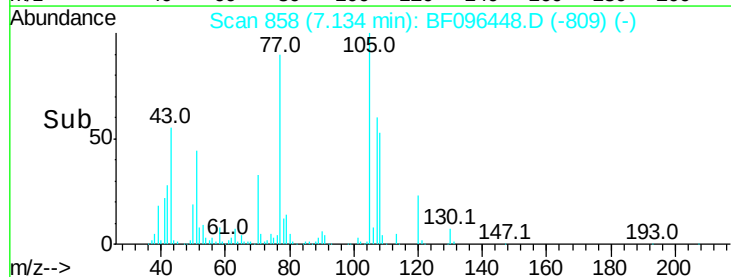


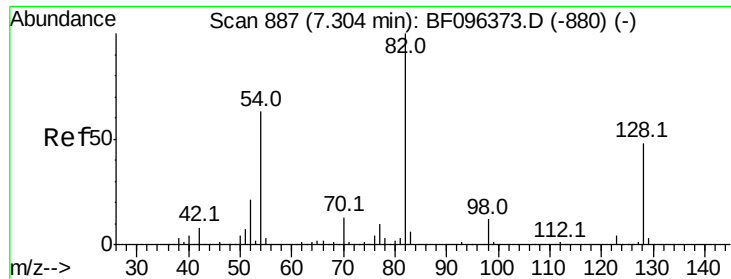
Abundance Ion 105.00 (104.70 to 105.70): E

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

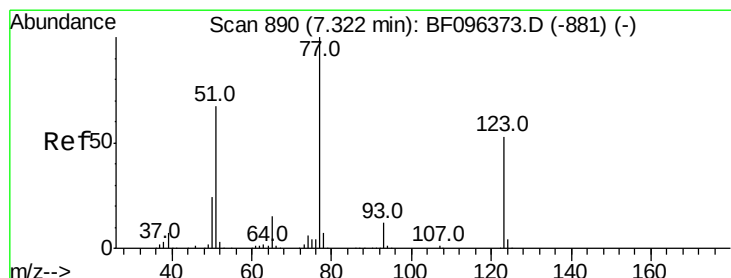
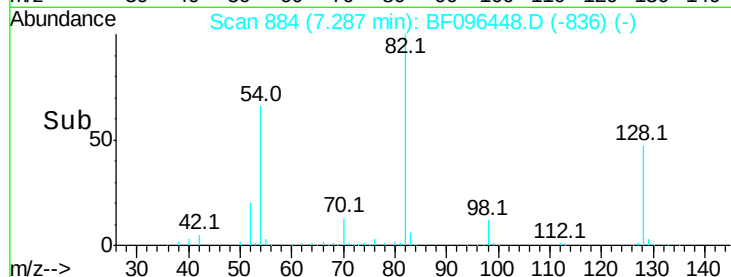
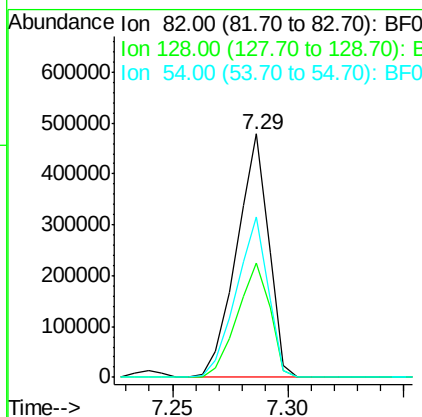
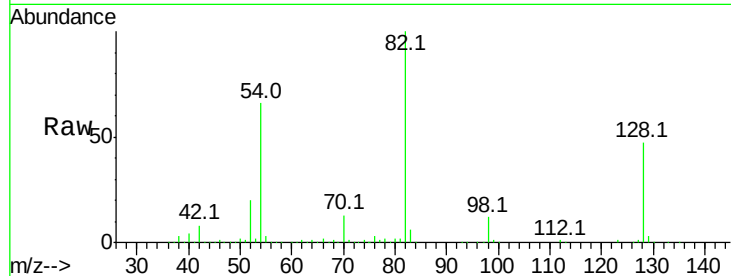




#23
 Nitrobenzene-d5
 Concen: 61.75 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

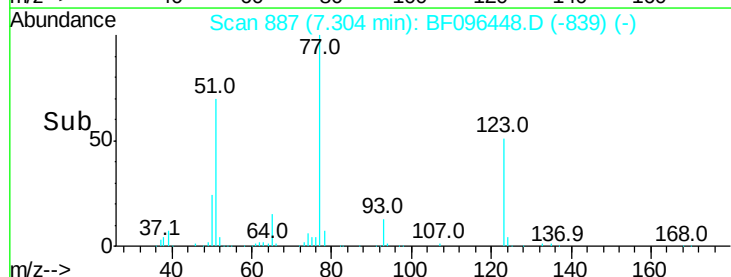
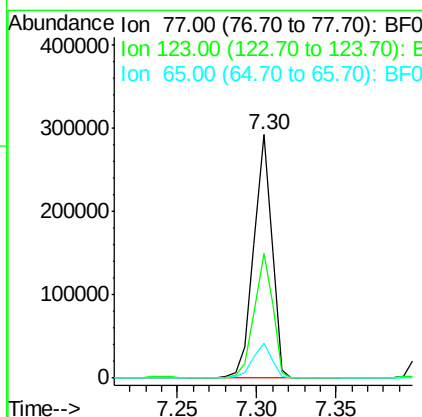
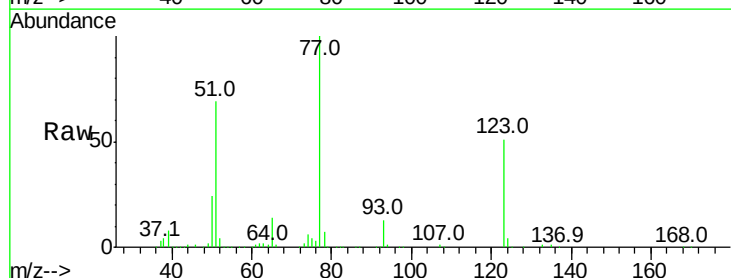
Instrument :
 BNA_F
 ClientSampleID :

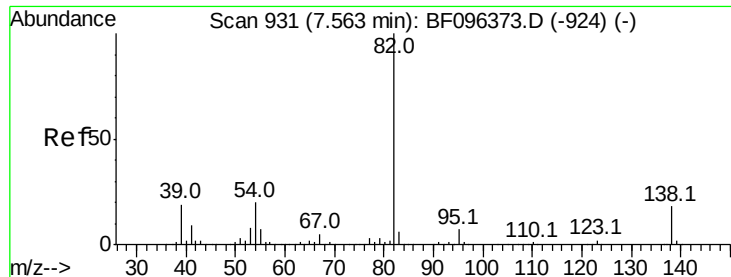
Tot Ion: 82 Resp: 462359
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 65.9 42.2 63.2#



#24
 Nitrobenzene
 Concen: 29.74 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion: 77 Resp: 233586
 Ion Ratio Lower Upper
 77 100
 123 51.1 35.8 53.8
 65 14.5 10.6 15.8





#25

Isophorone

Concen: 30.31 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

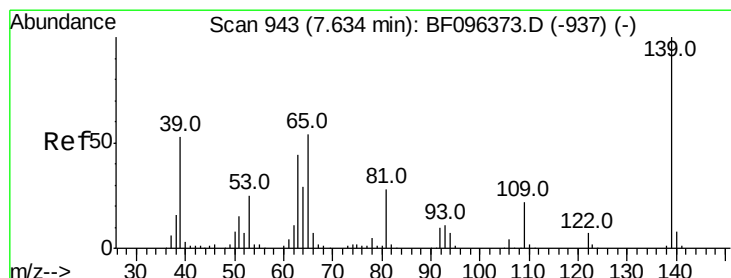
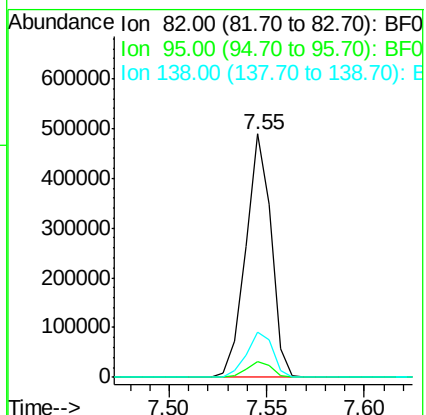
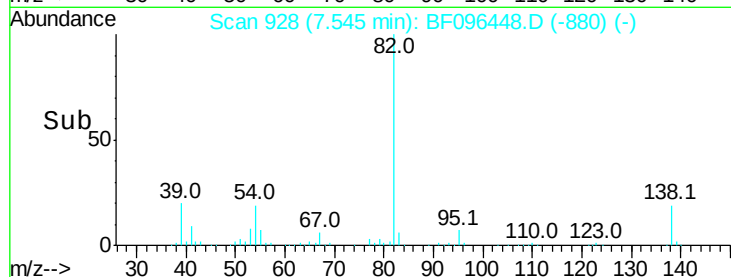
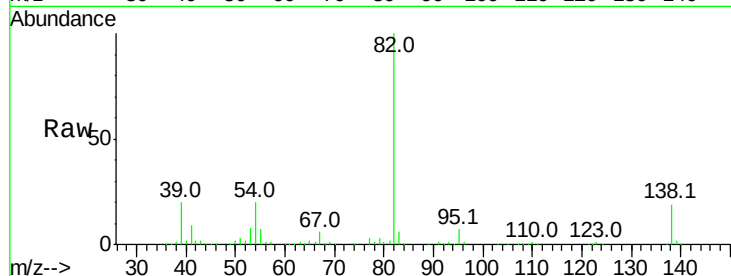
Tot Ion: 82 Resp: 440078

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 14.67 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

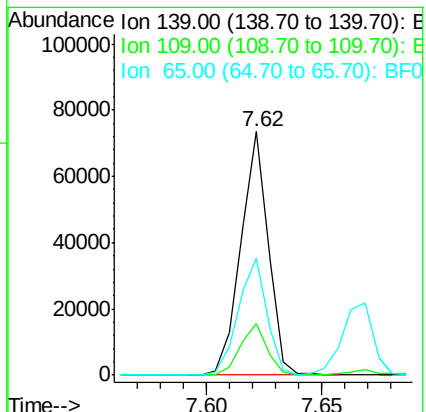
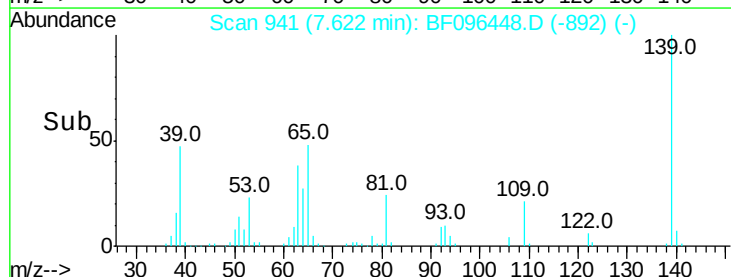
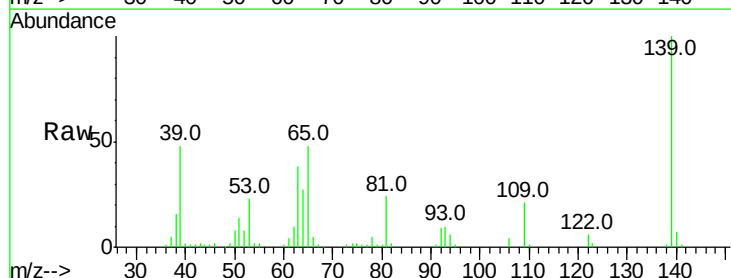
Tgt Ion: 139 Resp: 60983

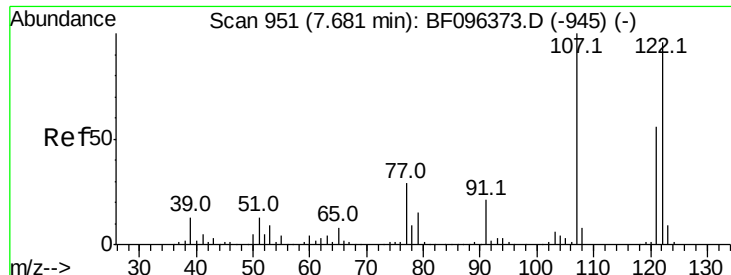
Ion Ratio Lower Upper

139 100

109 21.1 21.0 31.6

65 48.0 33.0 49.6

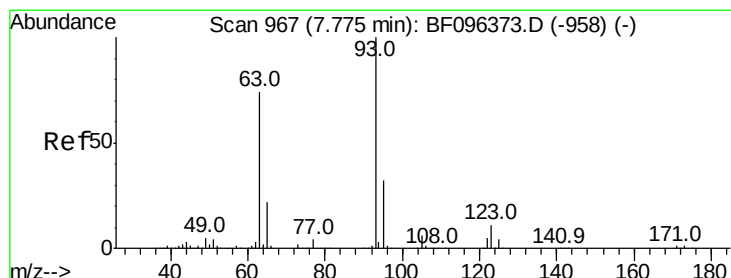
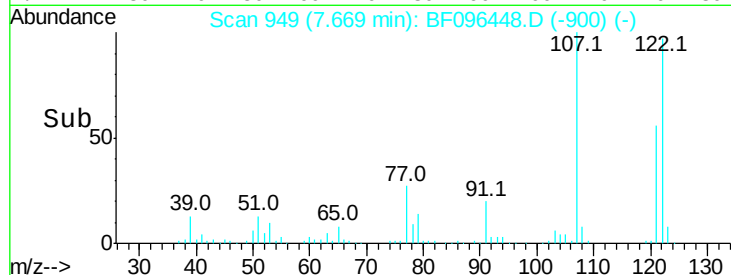
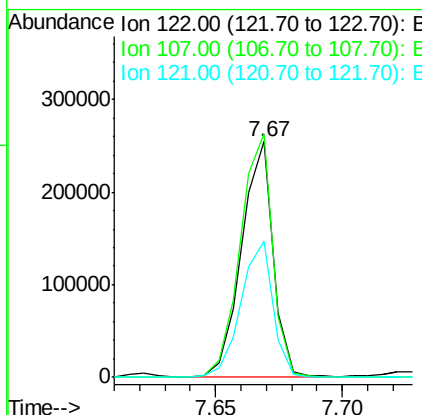
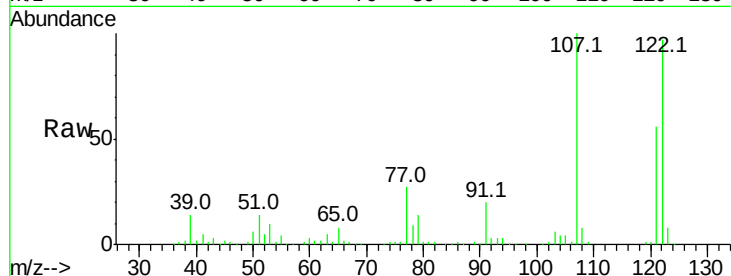




#27
 2,4-Dimethylphenol
 Concen: 31.12 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

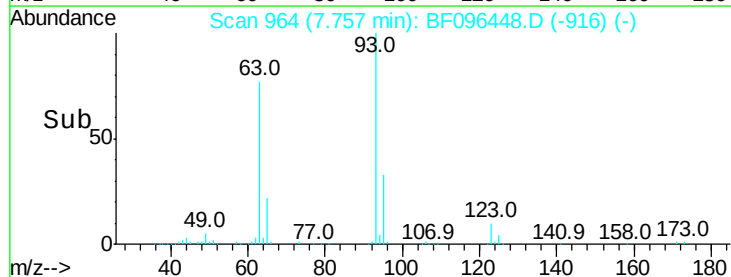
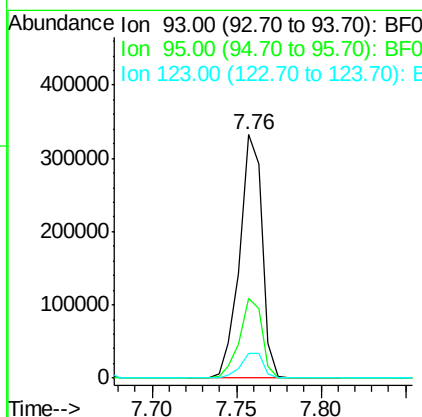
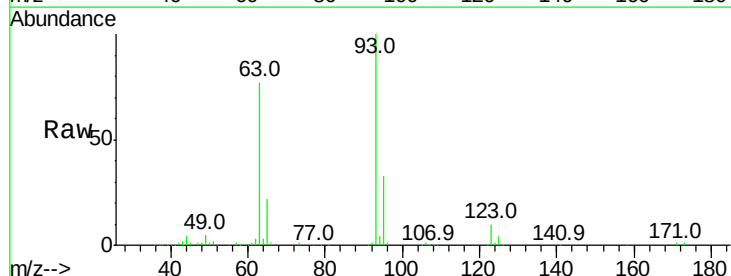
Instrument :
 BNA_F
 ClientSampleId :

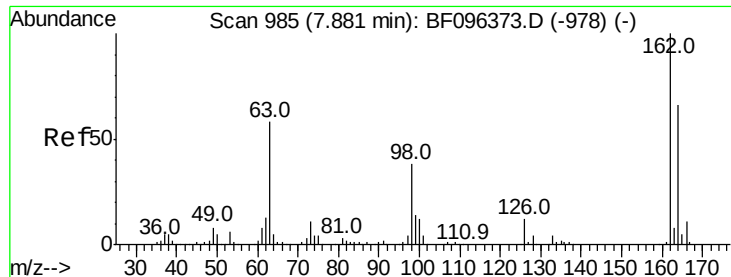
Tot Ion:122 Resp: 220264
 Ion Ratio Lower Upper
 122 100
 107 103.3 89.2 133.8
 121 57.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.17 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion: 93 Resp: 308302
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 10.1 9.0 13.4

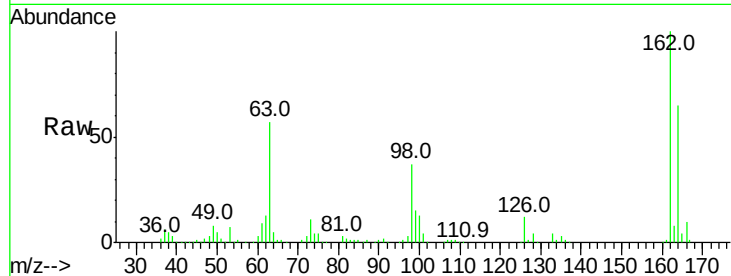




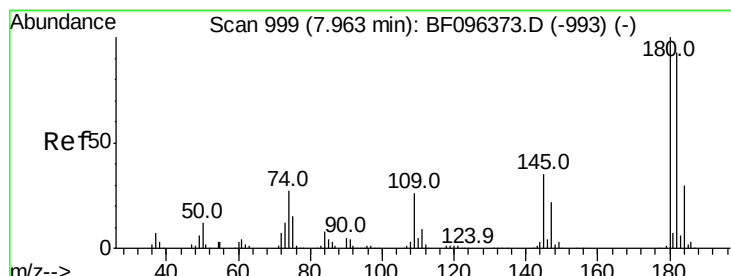
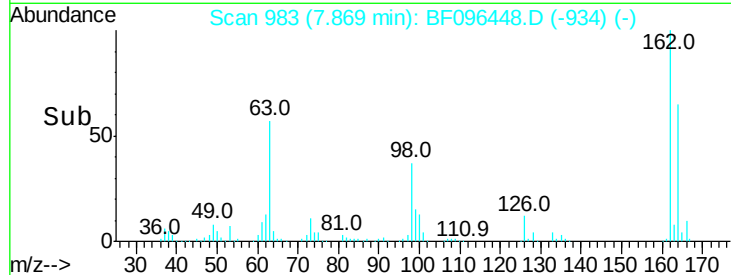
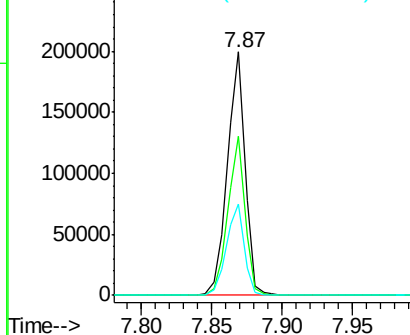
#29
 2,4-Dichlorophenol
 Concen: 28.56 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	37.4	14.8	54.8

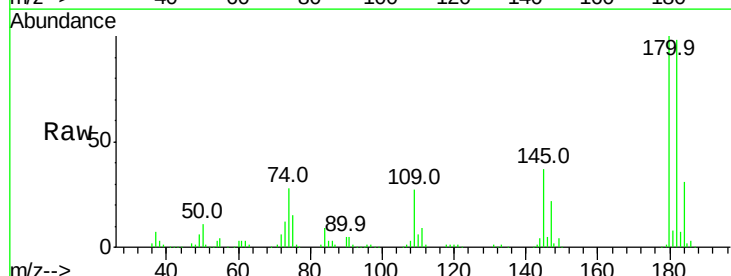


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

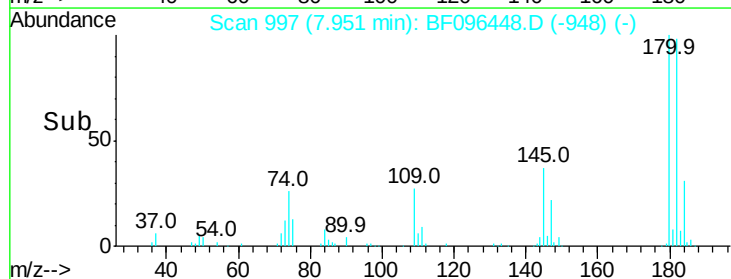
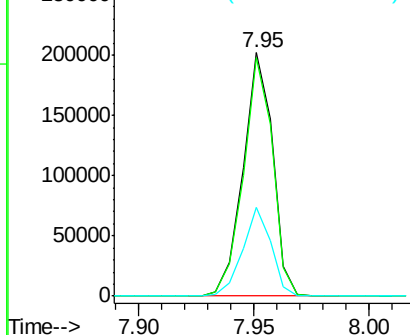


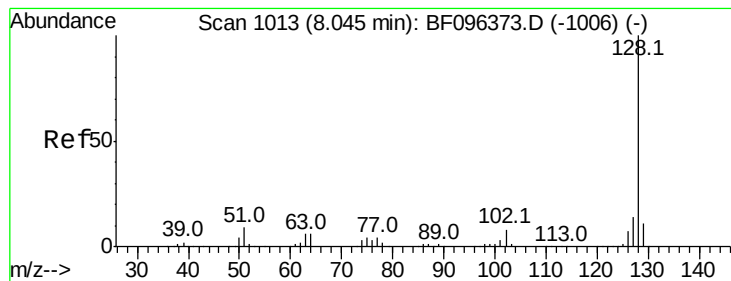
#30
 1,2,4-Trichlorobenzene
 Concen: 31.47 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.8	113.6
145	36.5	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: 29.01 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

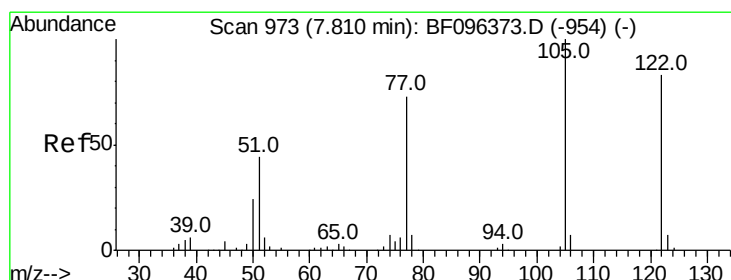
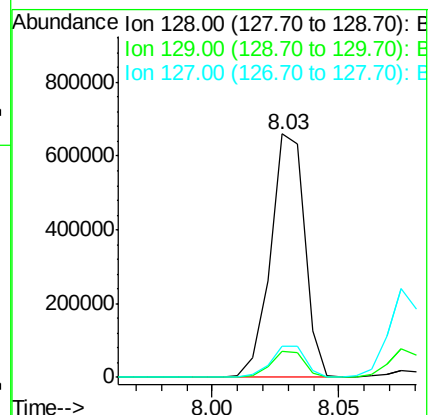
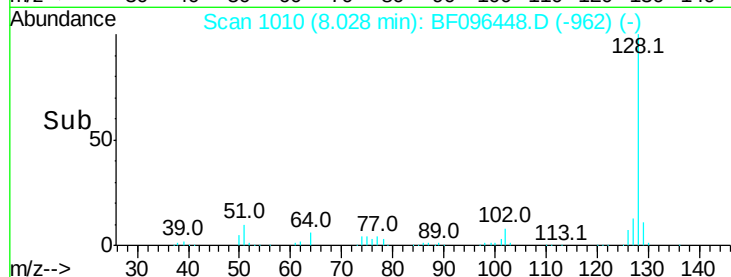
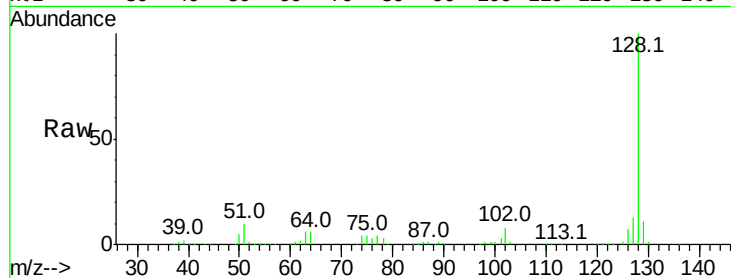
Tot Ion:128 Resp: 616221

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 13.0 10.8 16.2



#32

Benzoic acid

Concen: 37.05 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.14 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

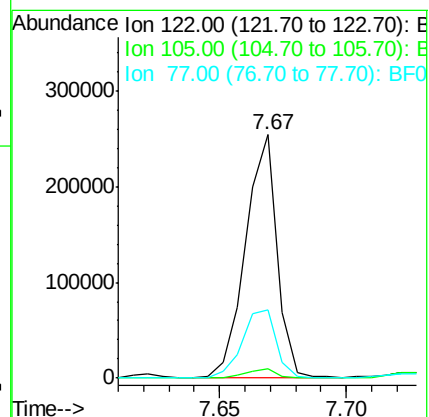
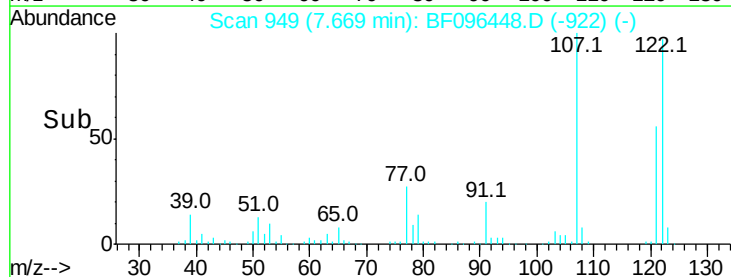
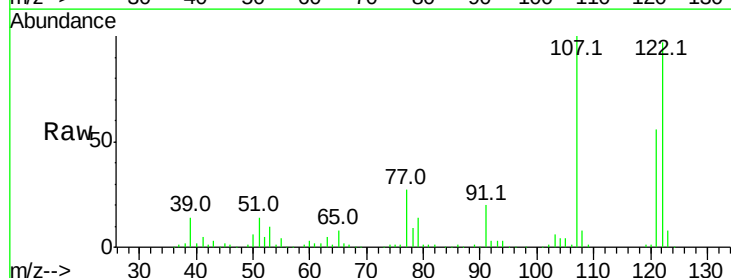
Tgt Ion:122 Resp: 220264

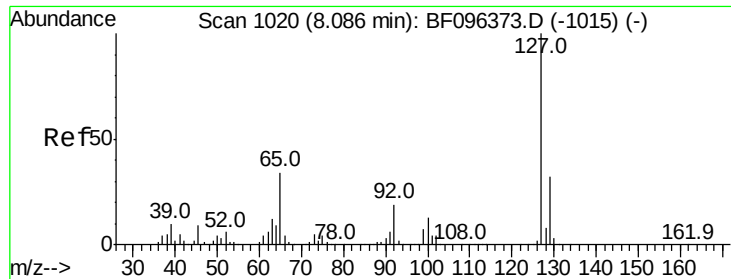
Ion Ratio Lower Upper

122 100

105 3.7 103.3 143.3#

77 27.8 73.7 113.7#

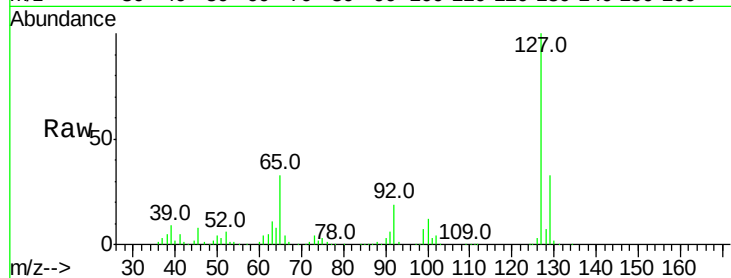




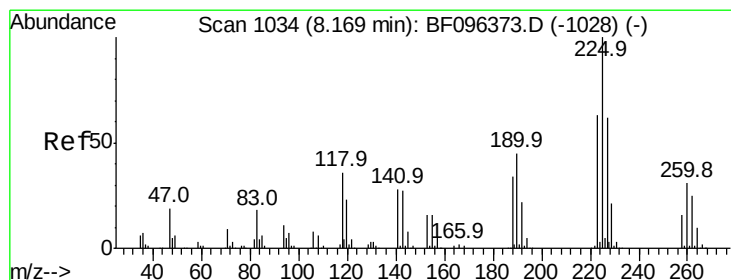
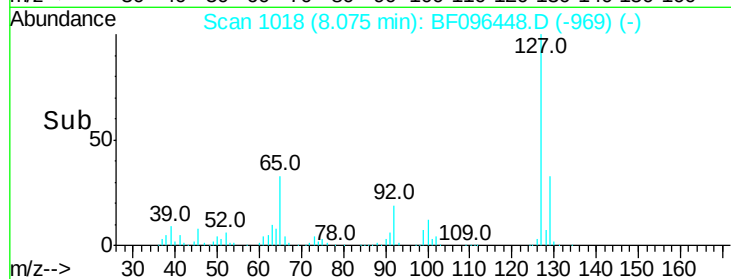
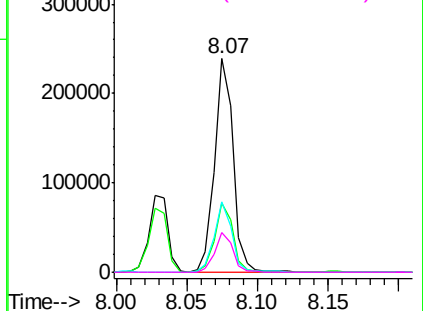
#33
4-Chloroaniline
Concen: 24.90 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	219675
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	33.0	27.8	41.8
92	18.5	16.8	25.2

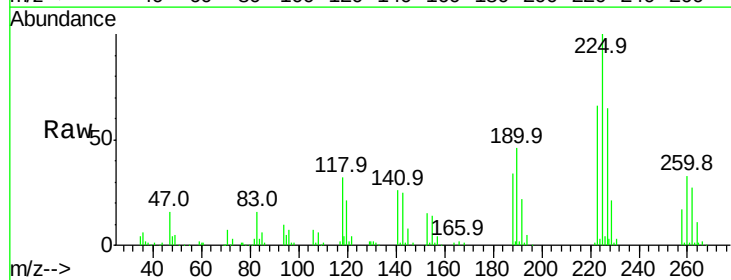


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

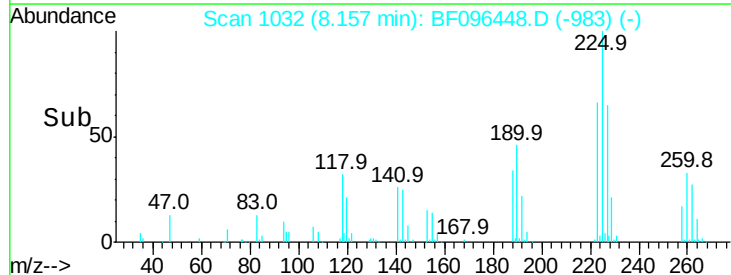
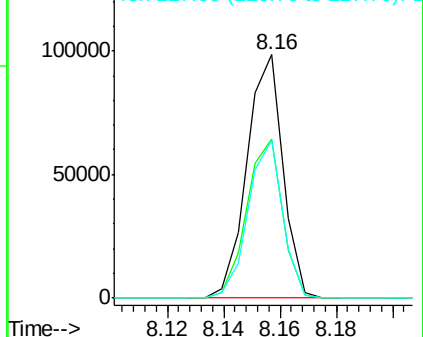


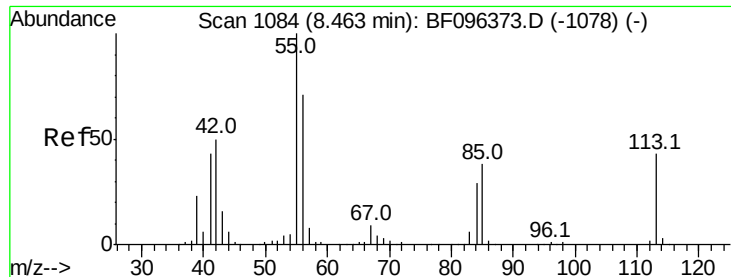
#34
Hexachlorobutadiene
Concen: 29.45 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion:	225	Resp:	87019
Ion	Ratio	Lower	Upper
225	100		
223	65.5	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

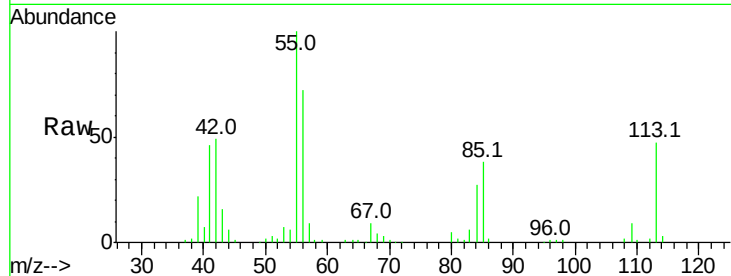




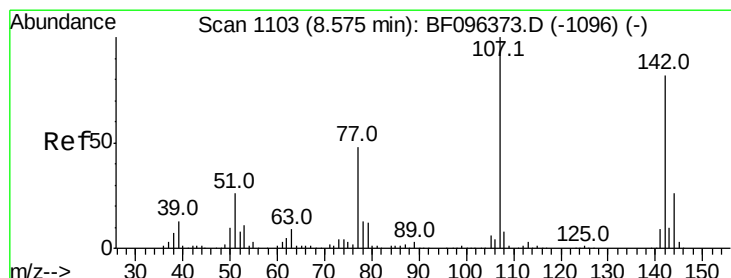
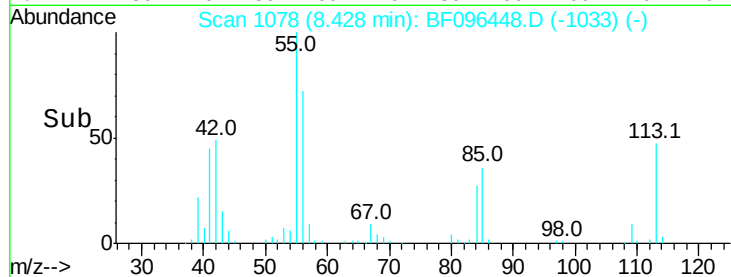
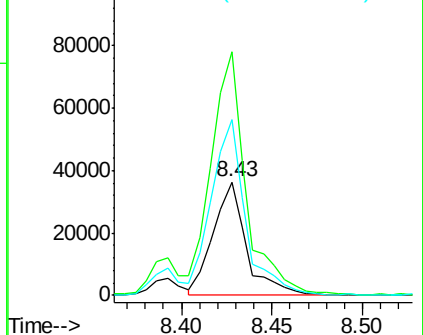
#35
 Caprolactam
 Concen: 22.02 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 46386
 Ion Ratio Lower Upper
 113 100
 55 214.1 150.2 190.2#
 56 154.3 107.8 147.8#

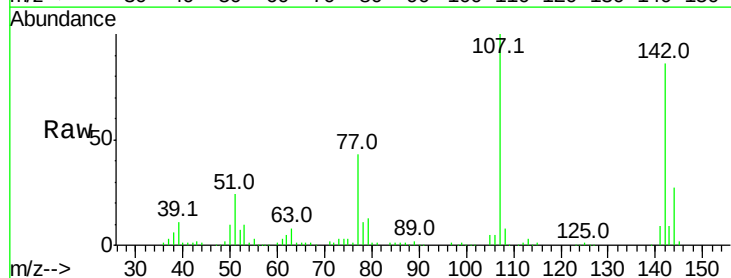


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

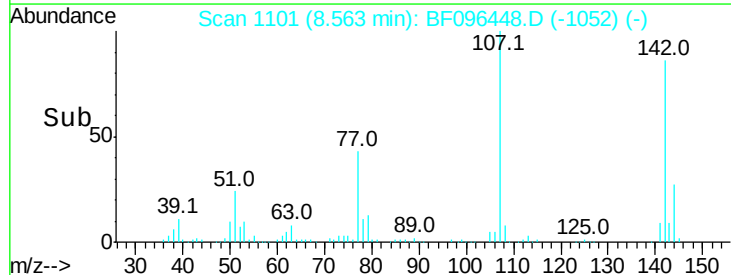
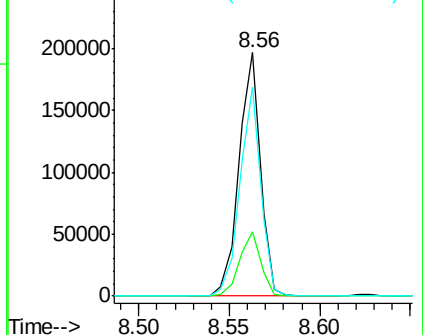


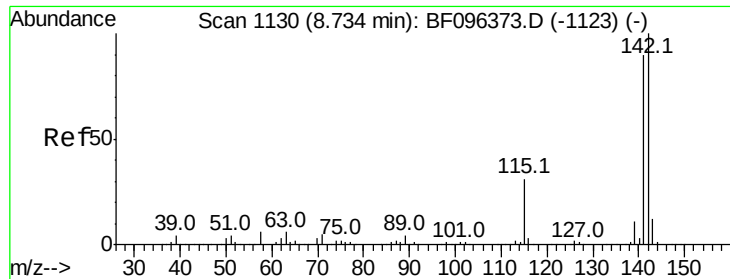
#36
 4-Chloro-3-methylphenol
 Concen: 23.99 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion:107 Resp: 162115
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 85.8 73.4 110.0



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

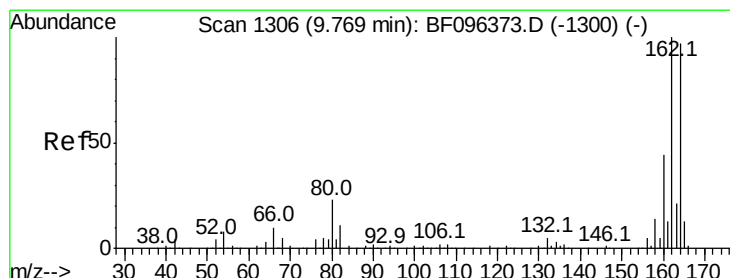
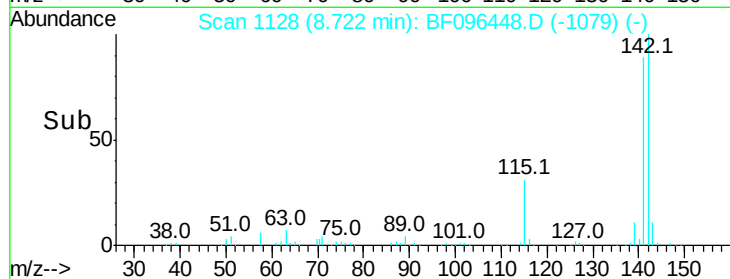
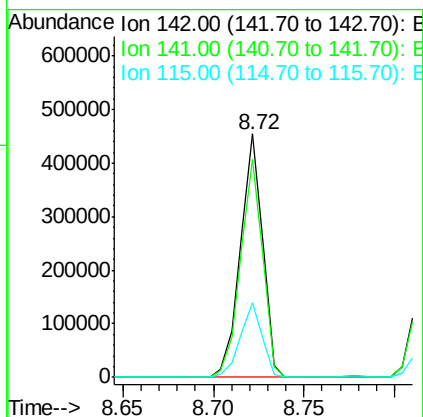
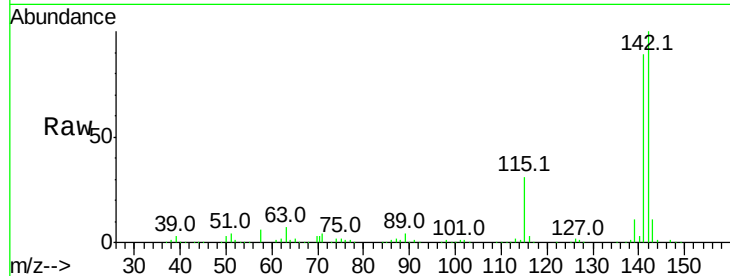




#37
 2-Methylnaphthalene
 Concen: 28.60 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

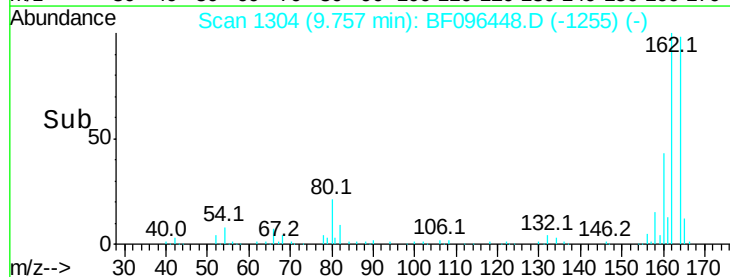
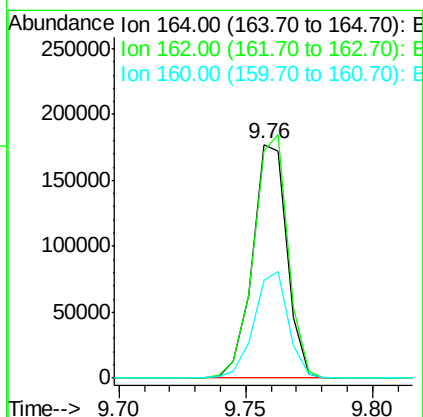
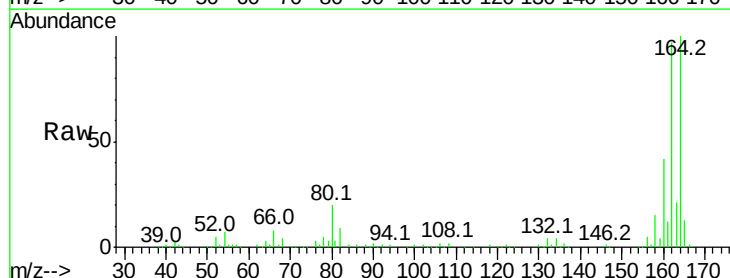
Instrument :
 BNA_F
 ClientSampleId :

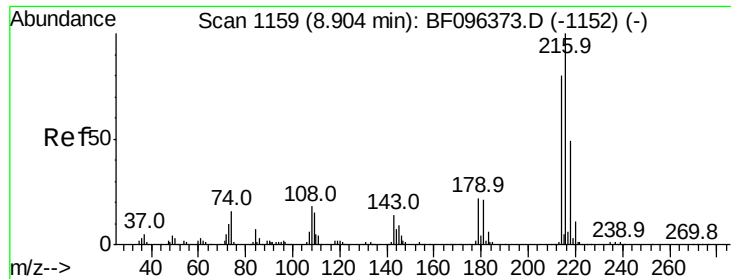
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	30.5	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	82.6	123.8
160	41.9	36.2	54.2

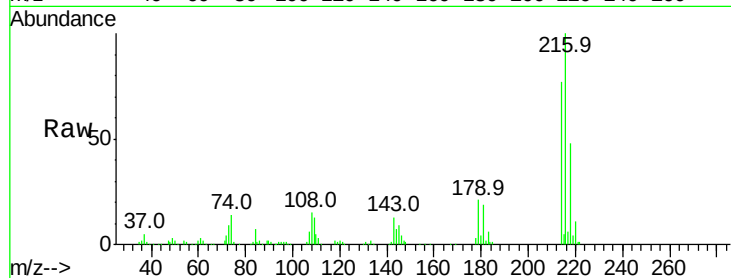




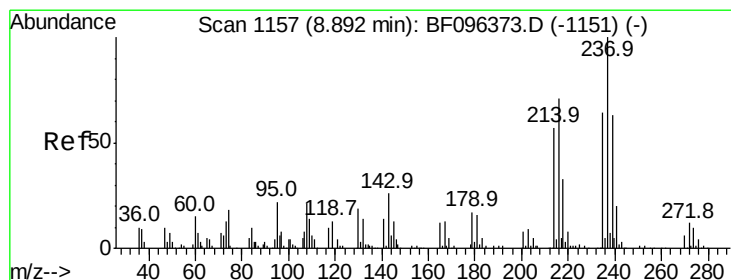
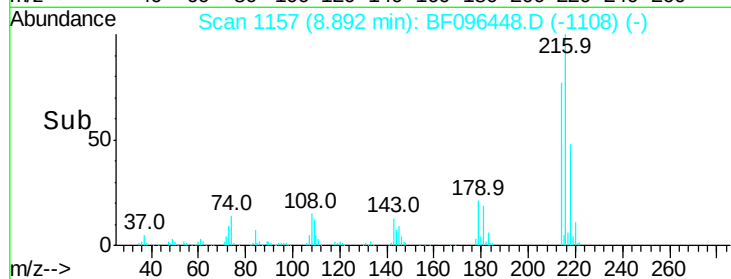
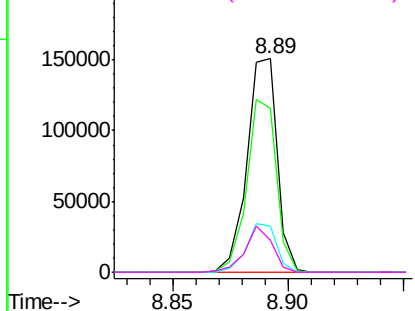
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.74 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	138346
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	22.7	17.9	26.9
108	19.5	16.5	24.7

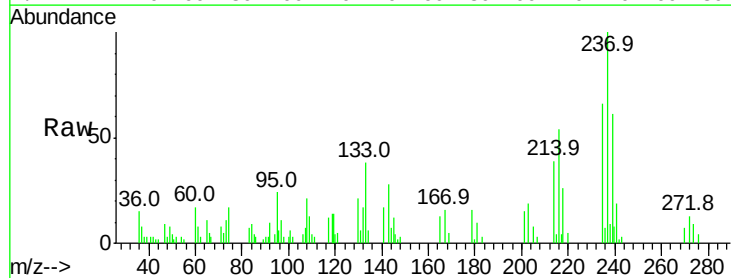


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

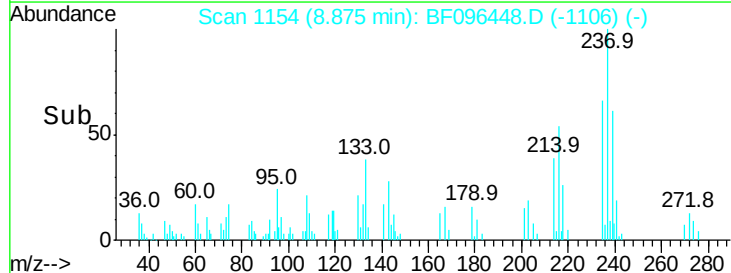
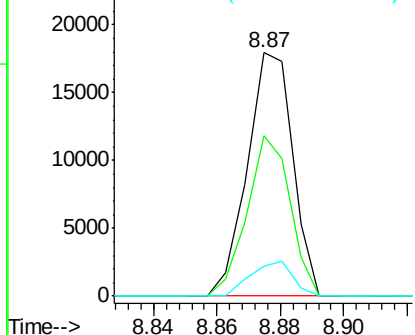


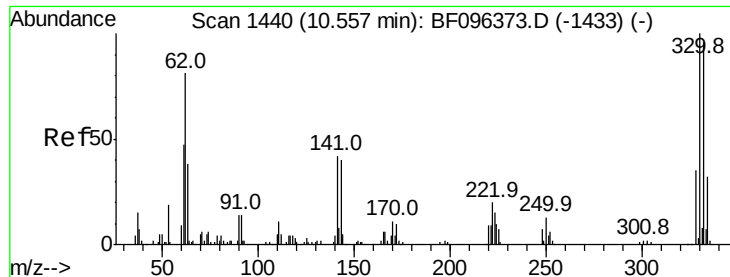
#40
 Hexachlorocyclopentadiene
 Concen: 8.42 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion:	237	Resp:	17838
Ion	Ratio	Lower	Upper
237	100		
235	65.9	42.6	82.6
272	12.5	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

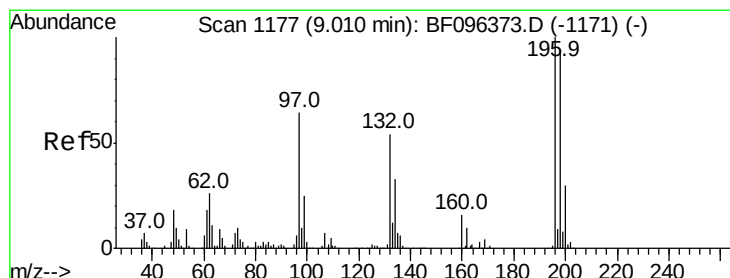
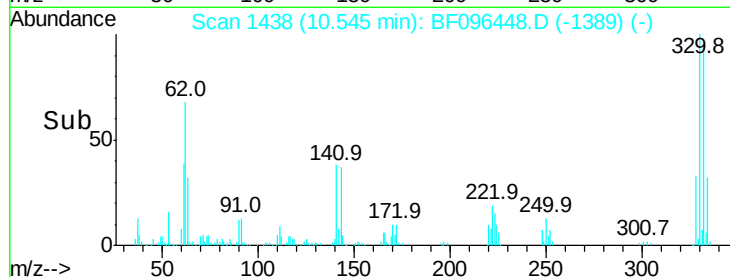
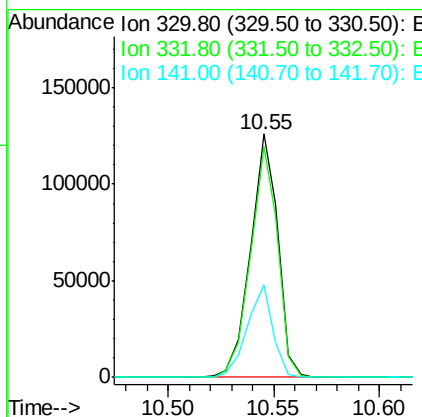
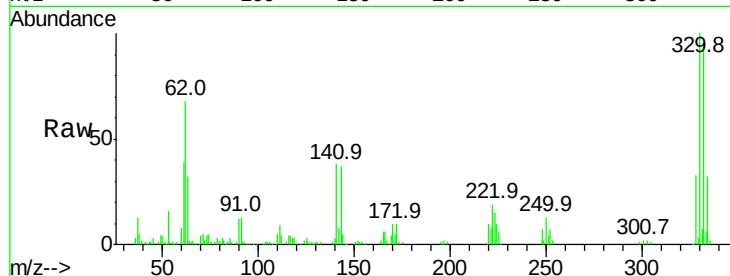




#41
 2,4,6-Tribromophenol
 Concen: 86.34 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

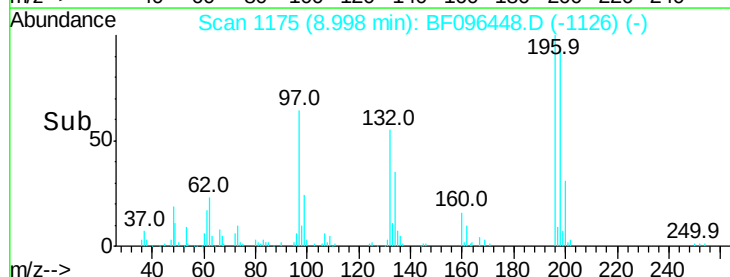
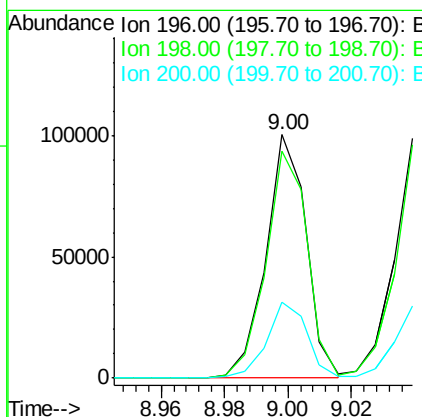
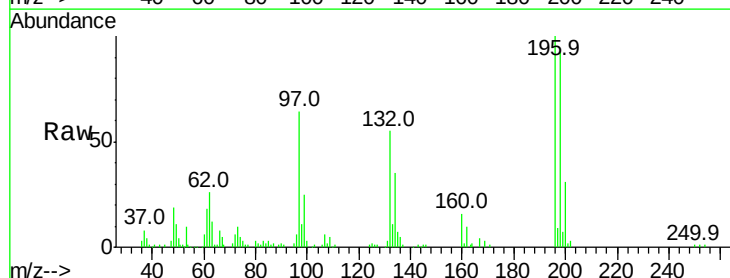
Instrument :
 BNA_F
 ClientSampleId :

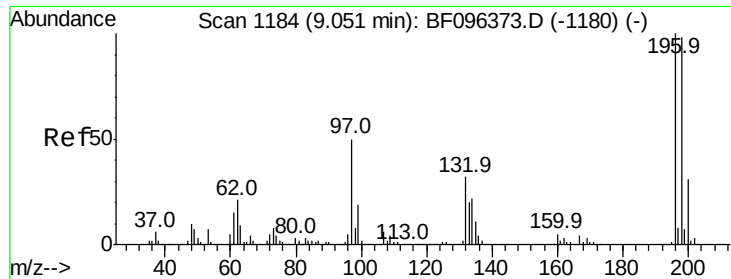
Tot Ion:330 Resp: 113200
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 115.0
 141 36.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 25.73 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion:196 Resp: 88708
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.2 111.4
 200 31.0 24.0 36.0

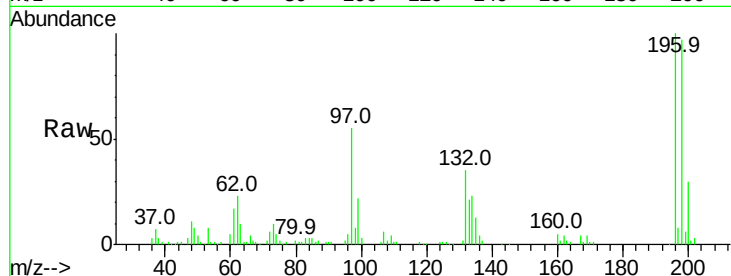




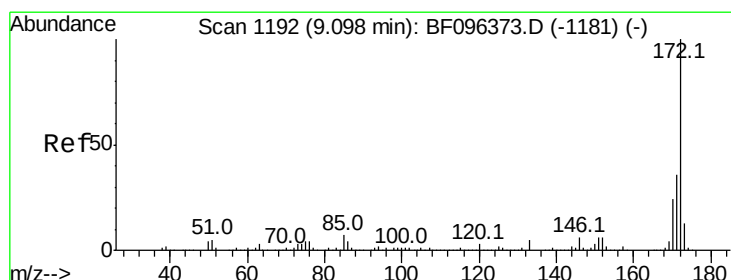
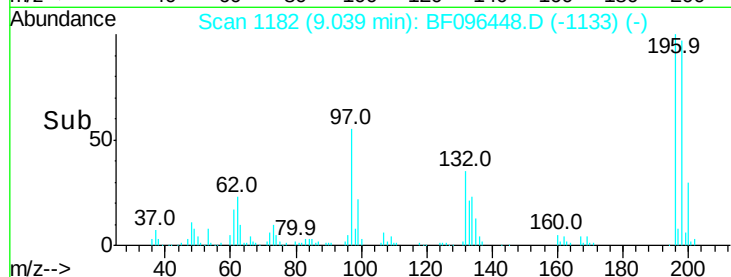
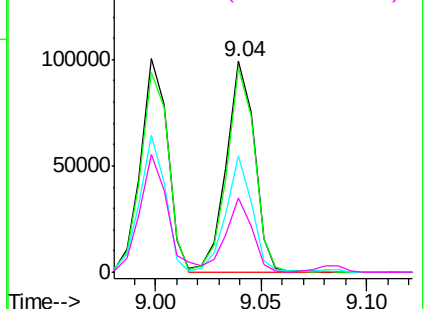
#43
 2,4,5-Trichlorophenol
 Concen: 26.87 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 91579
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 97 55.4 47.7 71.5
 132 35.2 28.0 42.0

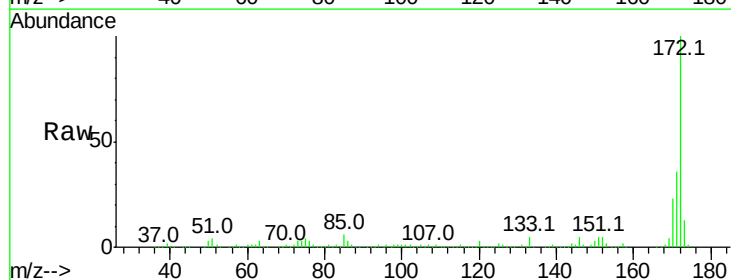


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

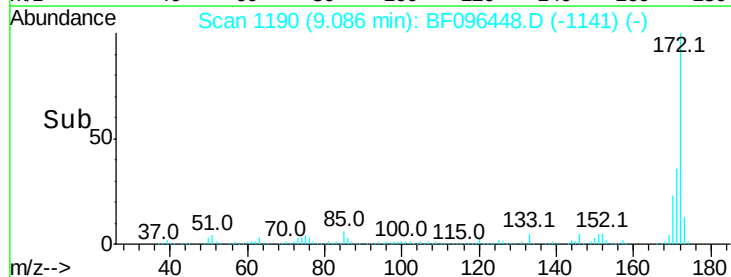
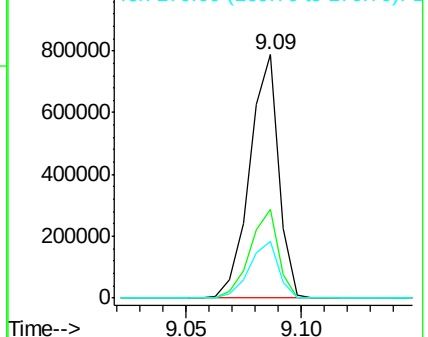


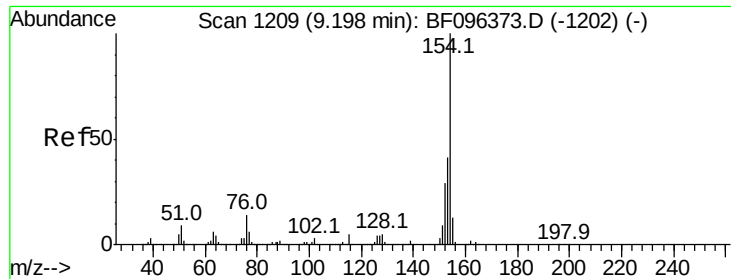
#44
 2-Fluorobiphenyl
 Concen: 70.36 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion:172 Resp: 690713
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.2 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: 29.62 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

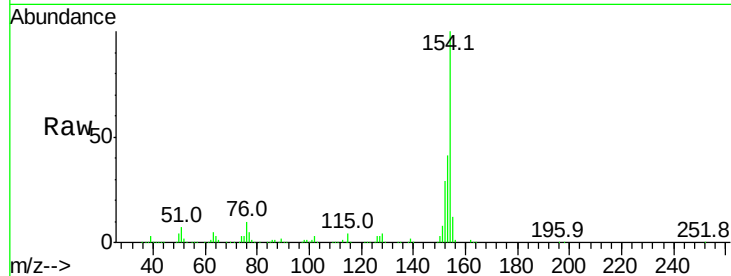
Tot Ion:154 Resp: 425992

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

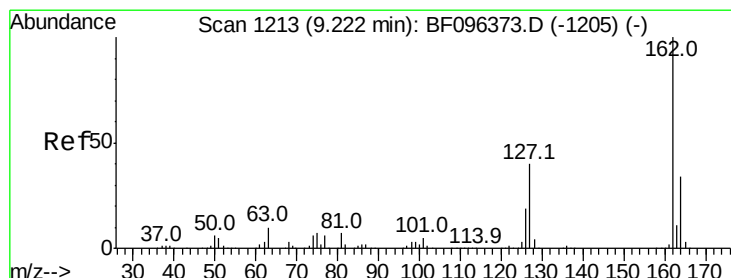
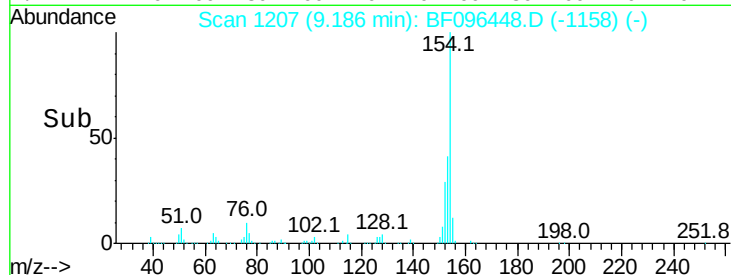
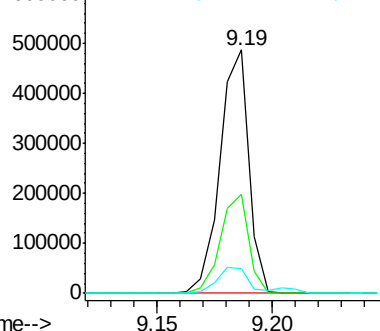
76 10.4 0.0 29.9



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: 29.38 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

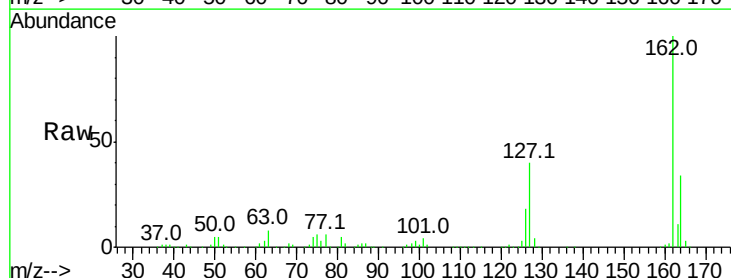
Tgt Ion:162 Resp: 314849

Ion Ratio Lower Upper

162 100

127 39.9 28.3 42.5

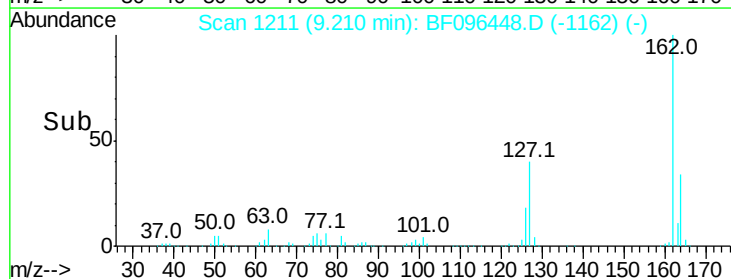
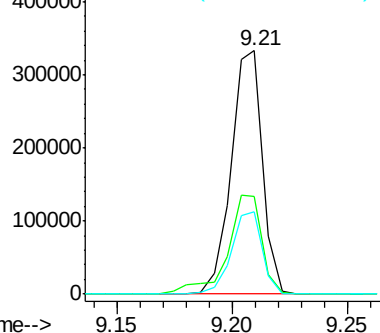
164 33.6 27.0 40.4

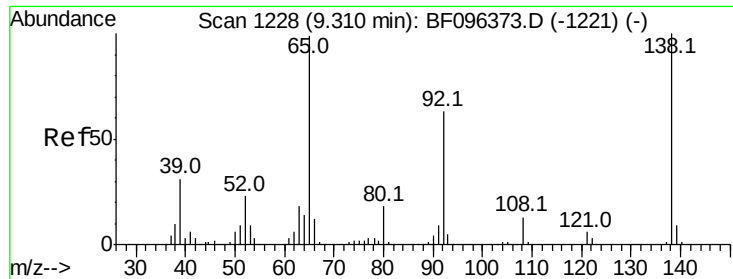


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

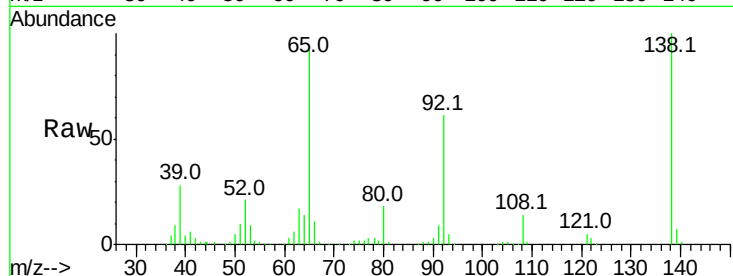




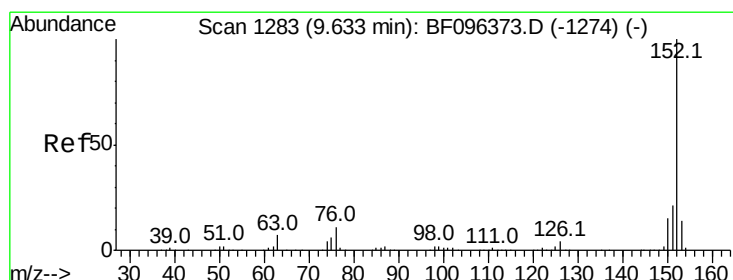
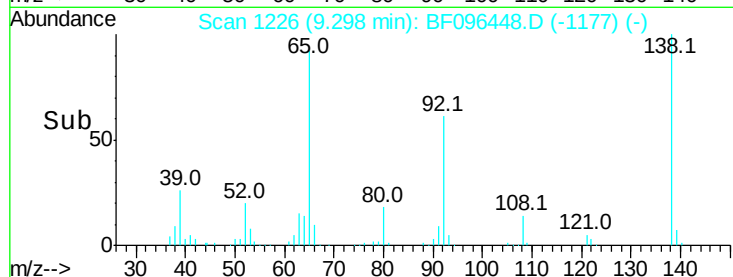
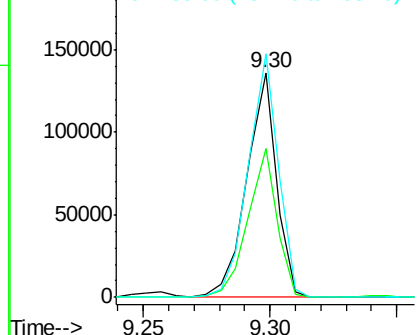
#47
2-Nitroaniline
Concen: 28.24 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 110122
Ion Ratio Lower Upper
65 100
92 66.4 53.9 80.9
138 108.2 78.8 118.2

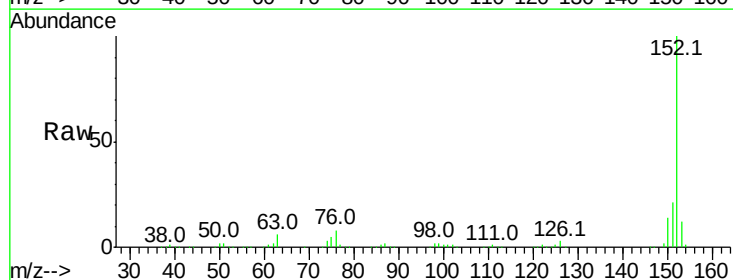


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

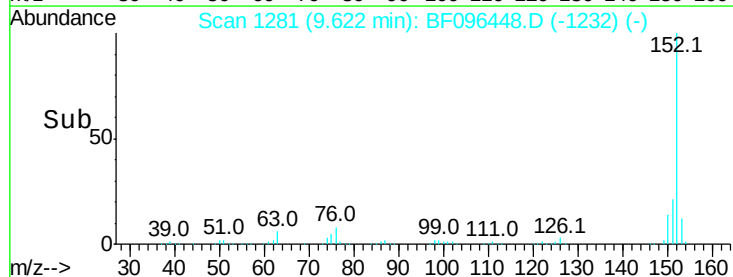
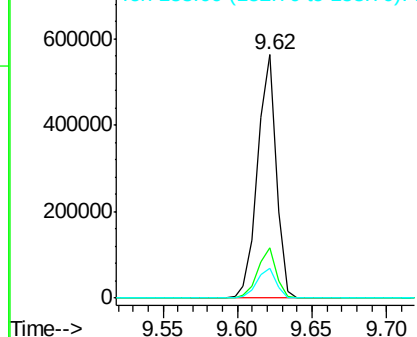


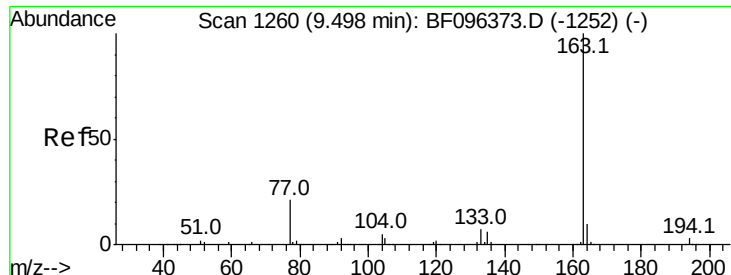
#48
Acenaphthylene
Concen: 28.37 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion: 152 Resp: 481841
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 12.2 10.8 16.2



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

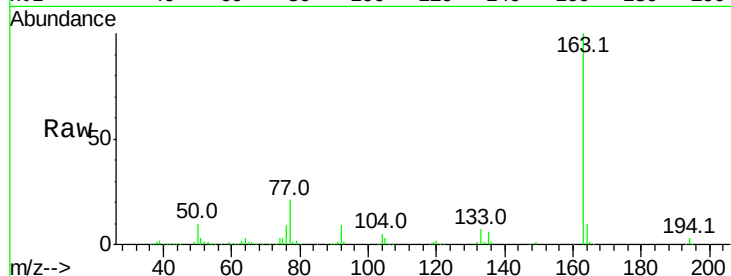




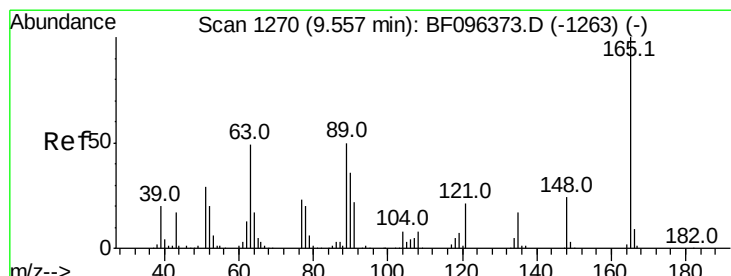
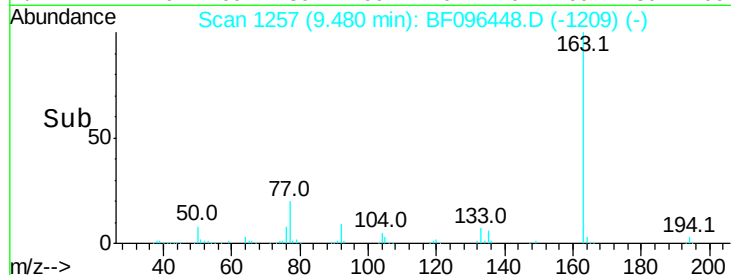
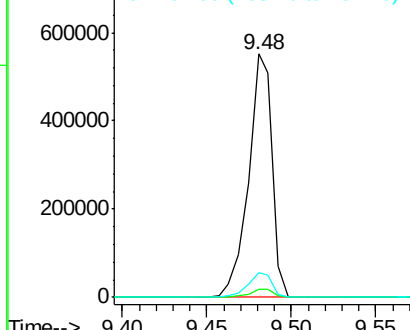
#49
Dimethylphthalate
Concen: 42.90 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 537520
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.4 12.6

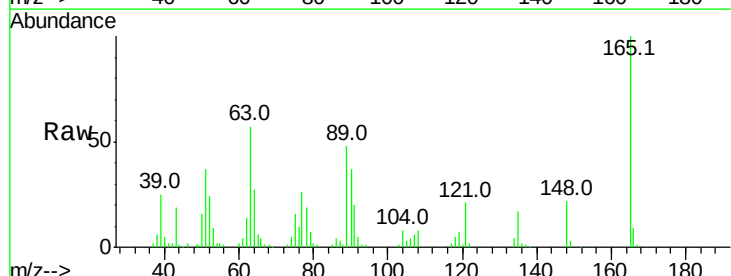


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

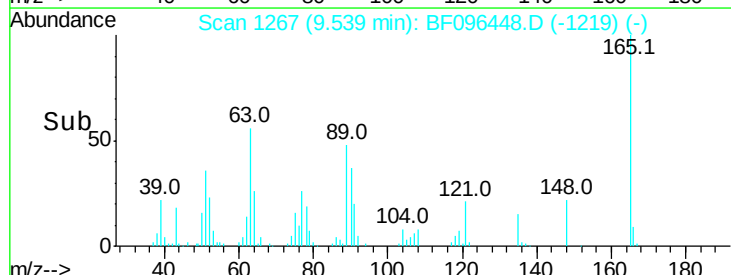
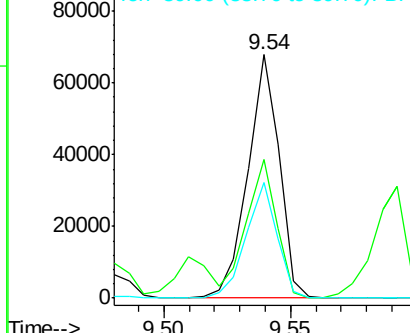


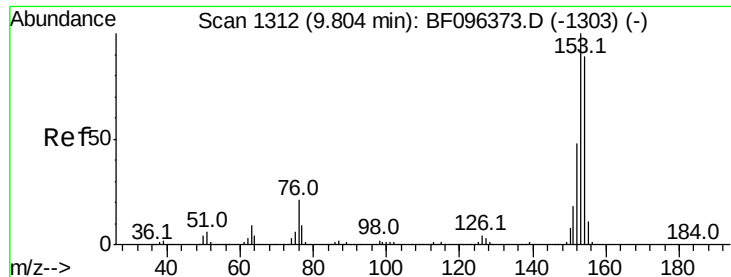
#50
2,6-Dinitrotoluene
Concen: 21.17 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion:165 Resp: 58671
Ion Ratio Lower Upper
165 100
63 56.7 34.3 51.5#
89 47.6 37.1 55.7



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





#51

Acenaphthene

Concen: 26.42 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

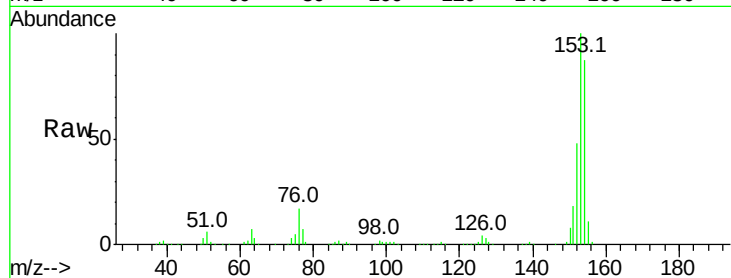
Tot Ion:154 Resp: 276597

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

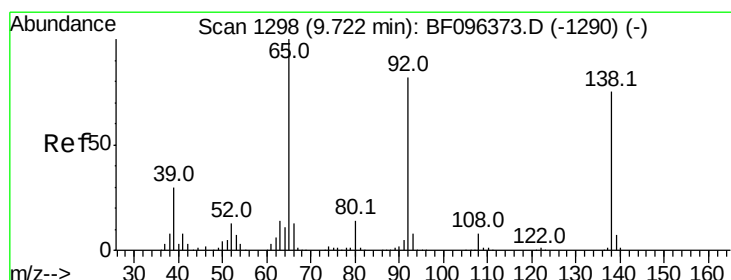
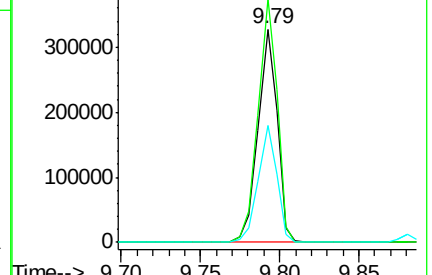
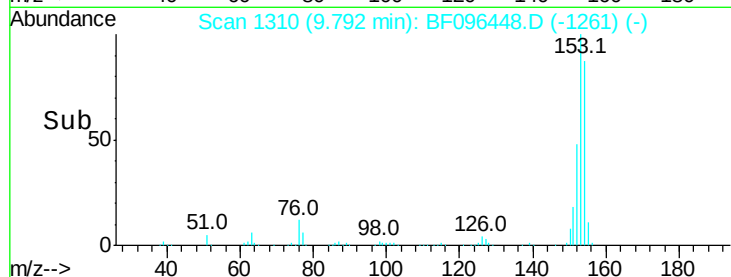
152 54.7 43.6 65.4



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: 30.18 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

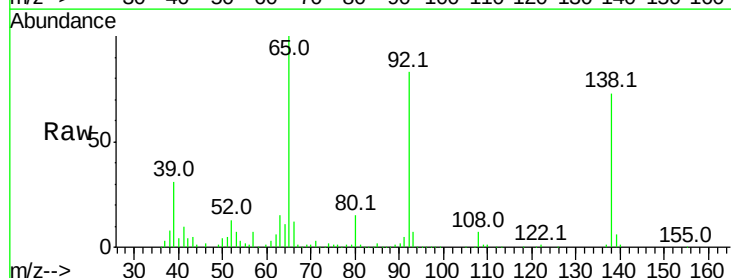
Tgt Ion:138 Resp: 104308

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

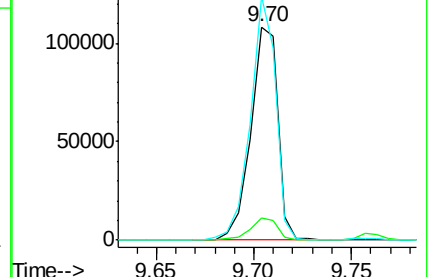
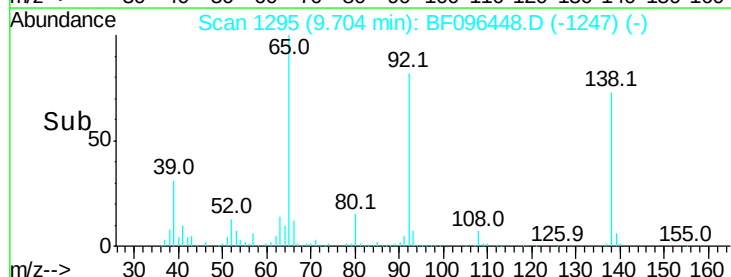
92 114.0 93.8 140.6

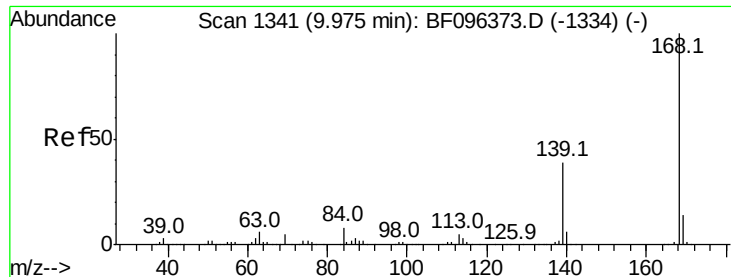


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

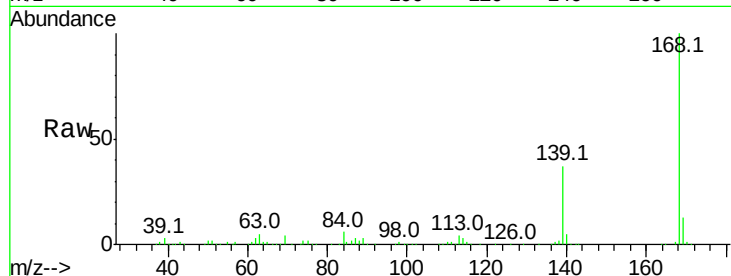




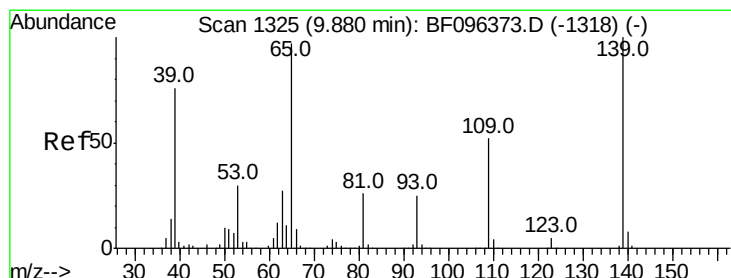
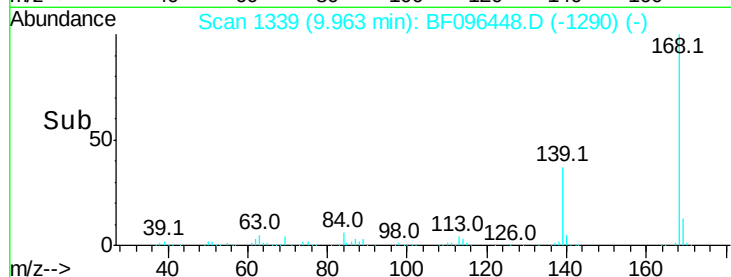
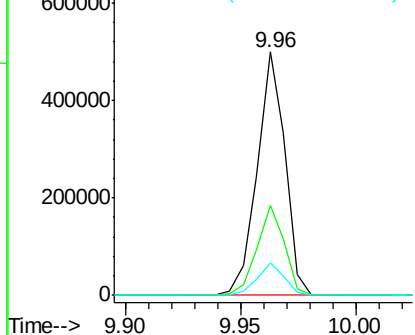
#54
Dibenzofuran
Concen: 30.41 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 420293
Ion Ratio Lower Upper
168 100
139 36.9 30.6 45.8
169 13.4 10.8 16.2

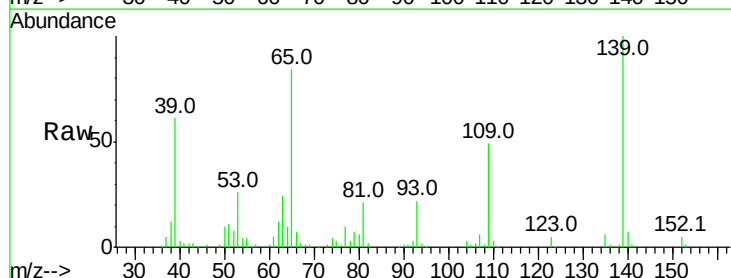


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

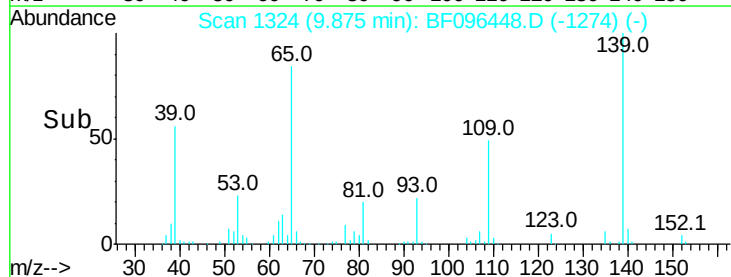
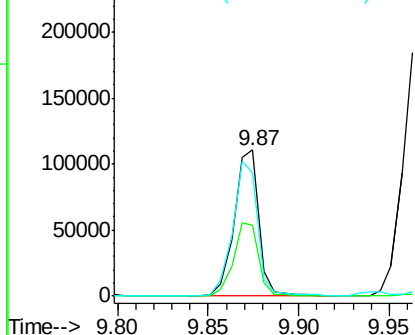


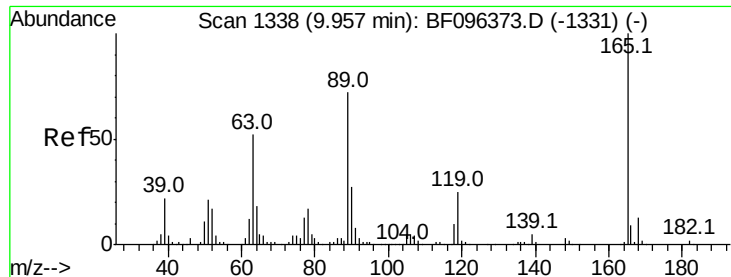
#55
4-Nitrophenol
Concen: 36.49 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion:139 Resp: 104516
Ion Ratio Lower Upper
139 100
109 48.9 34.1 74.1
65 84.1 31.4 71.4#



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





#56

2,4-Dinitrotoluene

Concen: 18.52 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 64967

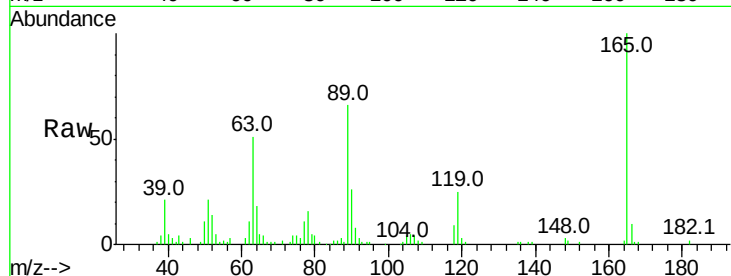
Ion Ratio Lower Upper

165 100

63 51.4 25.4 38.0#

89 66.1 46.4 69.6

182 1.9 1.8 2.6

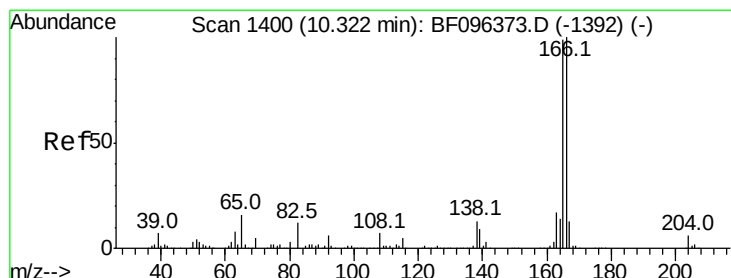
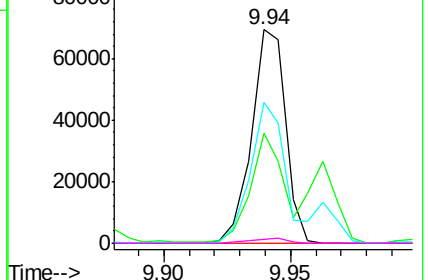
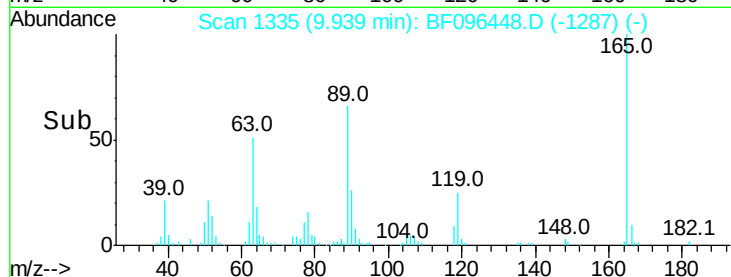


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 30.05 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

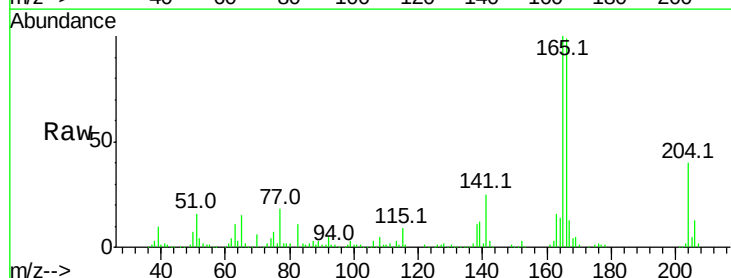
Tgt Ion:166 Resp: 293315

Ion Ratio Lower Upper

166 100

165 100.8 78.8 118.2

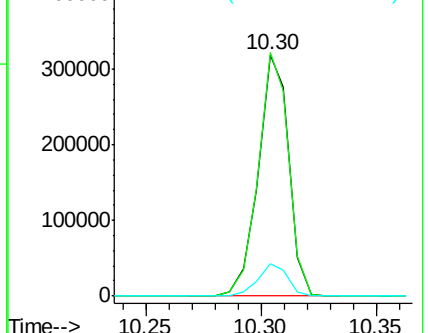
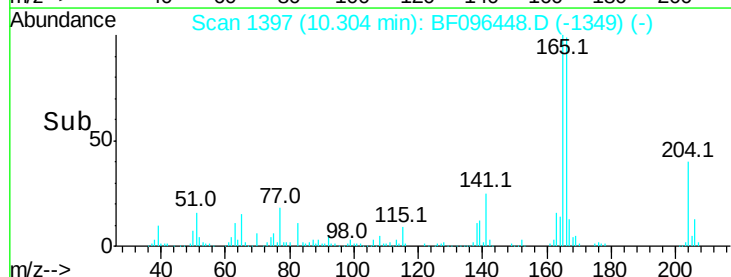
167 13.6 10.6 16.0

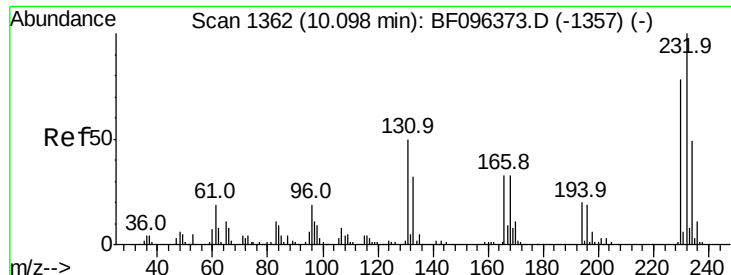


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

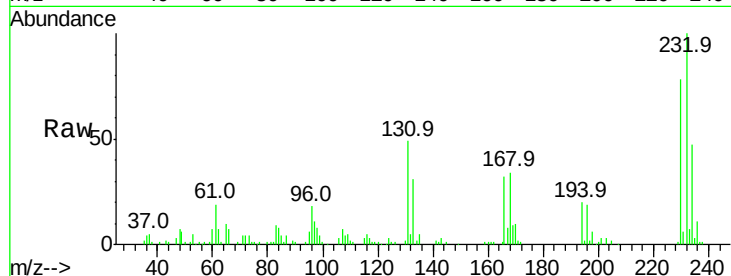




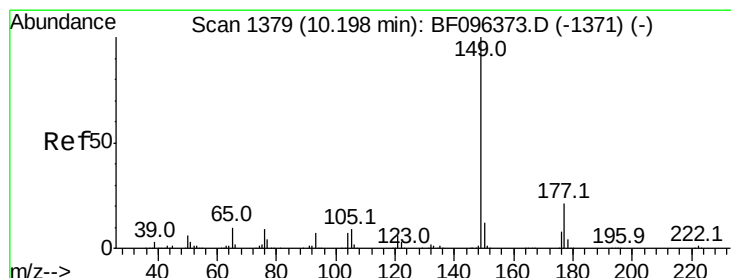
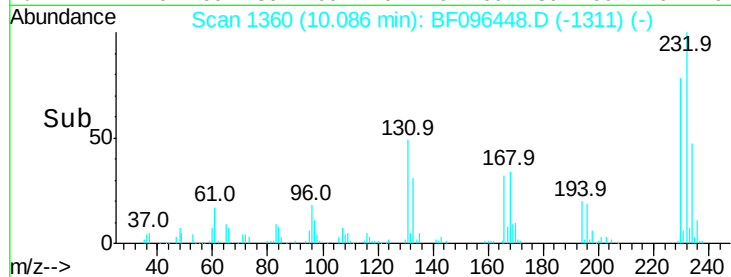
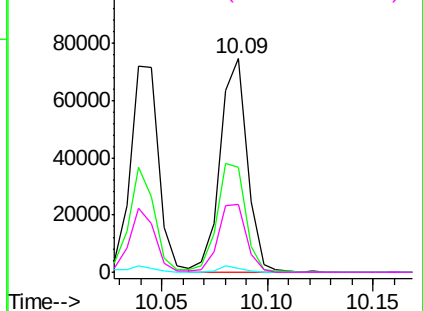
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.02 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 66096
 Ion Ratio Lower Upper
 232 100
 131 54.1 44.8 67.2
 130 2.5 2.3 3.5
 166 33.6 29.0 43.4

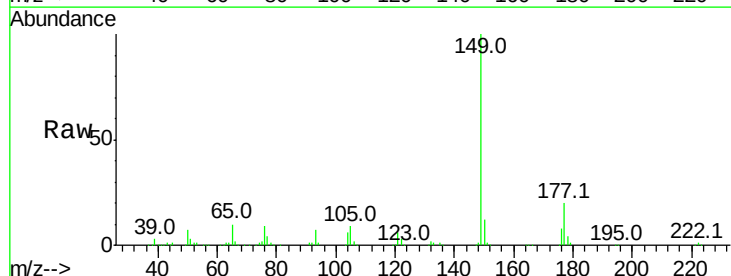


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

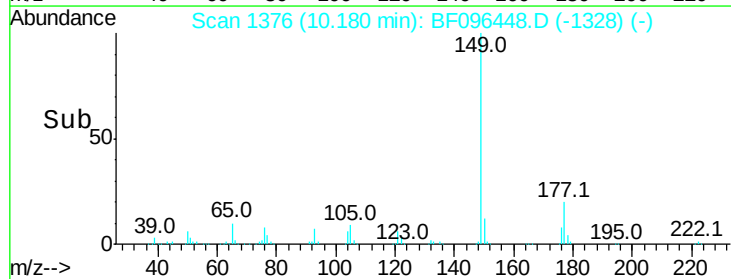
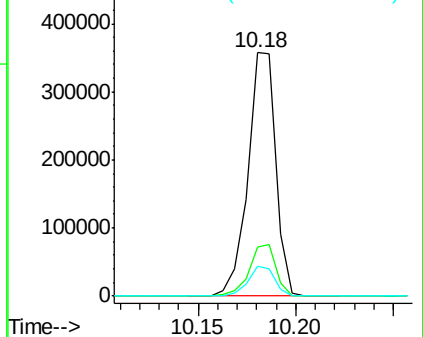


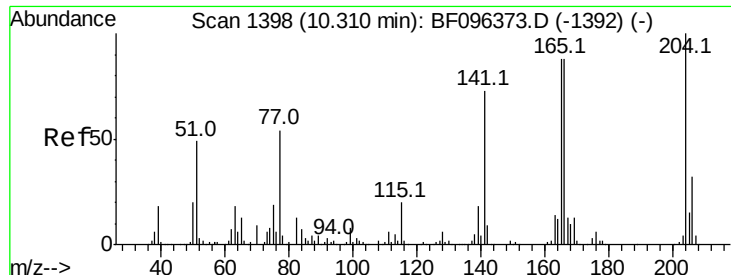
#59
 Diethylphthalate
 Concen: 29.84 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.02 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion:149 Resp: 353425
 Ion Ratio Lower Upper
 149 100
 177 20.1 16.7 25.1
 150 12.3 10.2 15.2



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

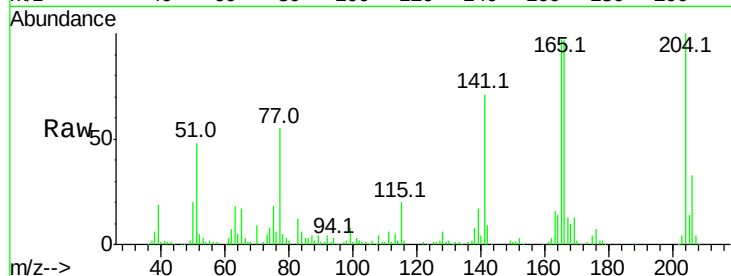




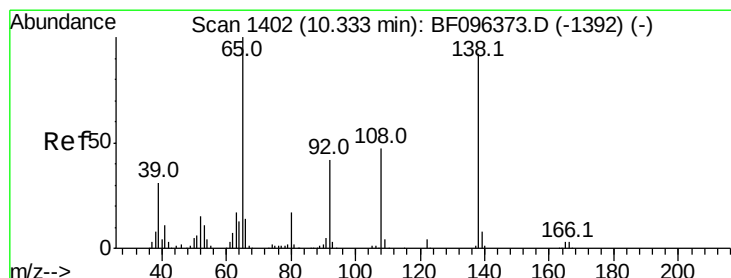
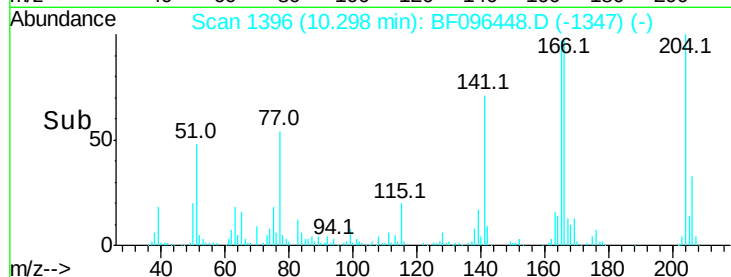
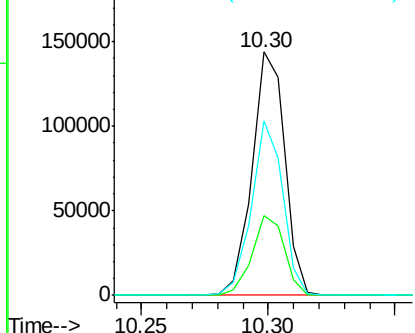
#60
 4-Chlorophenyl-phenylether
 Concen: 30.55 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 129736
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.2 39.2
 141 71.5 60.8 91.2

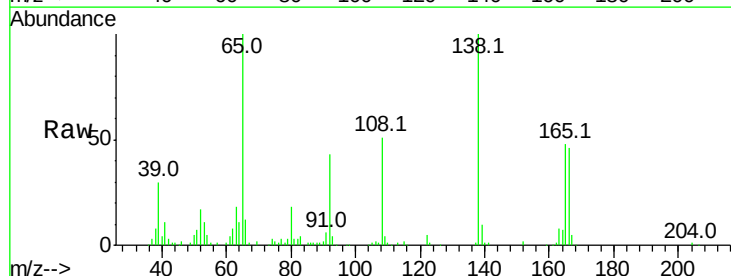


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

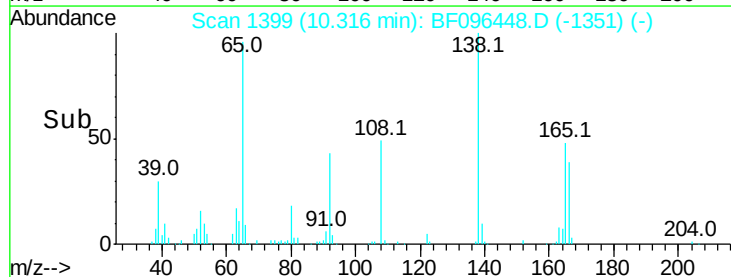
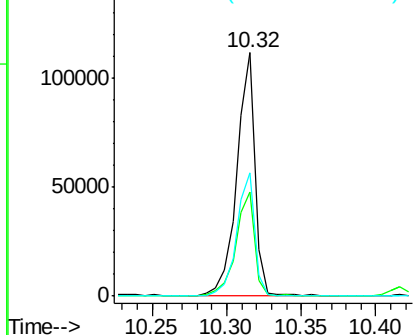


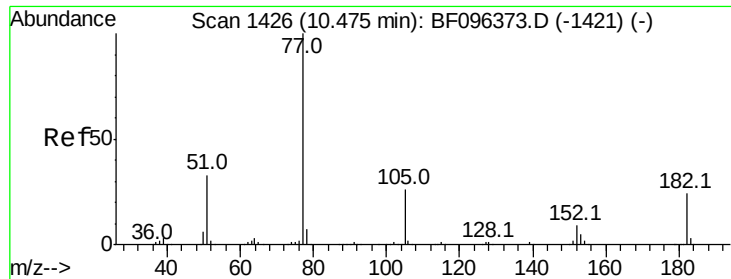
#61
 4-Nitroaniline
 Concen: 30.64 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion:138 Resp: 96293
 Ion Ratio Lower Upper
 138 100
 92 42.7 21.8 61.8
 108 50.8 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: 25.56 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.02 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 292721

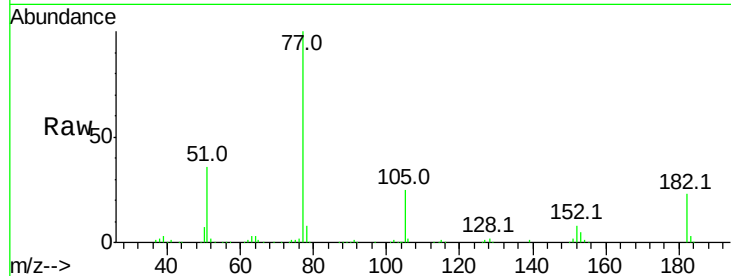
Ion Ratio Lower Upper

77 100

182 22.7 0.1 40.1

105 24.6 3.6 43.6

51 35.6 9.4 49.4

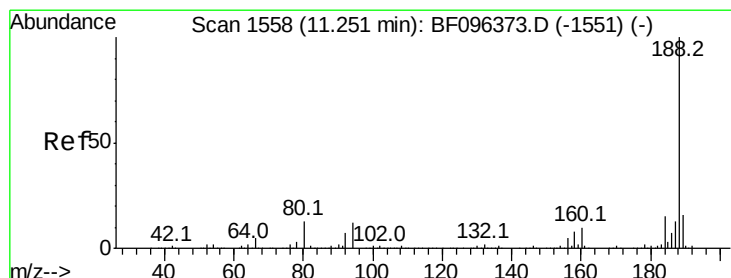
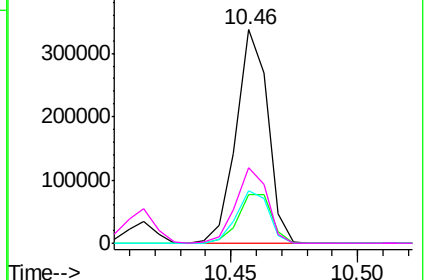
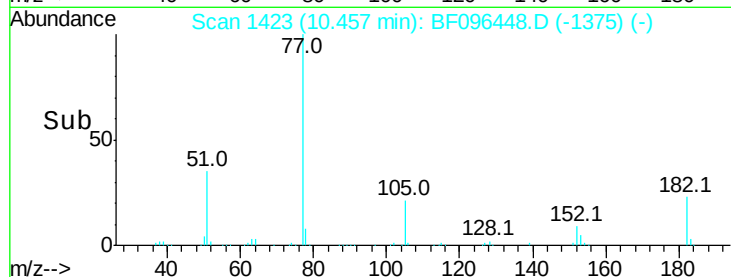


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF096448.D

Acq: 3 Jul 2017 18:29

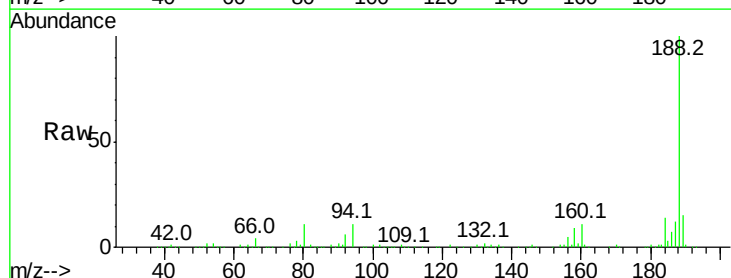
Tgt Ion: 188 Resp: 250106

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

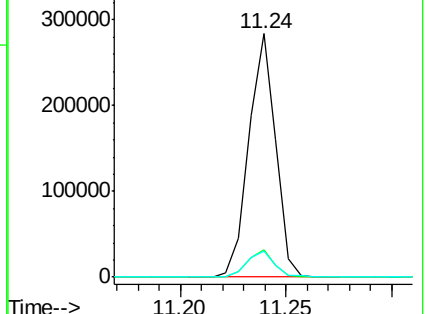
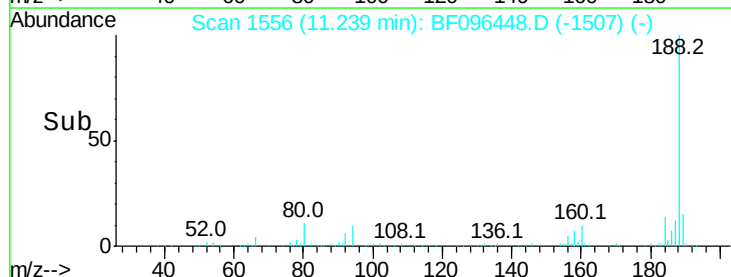
80 10.8 10.2 15.2

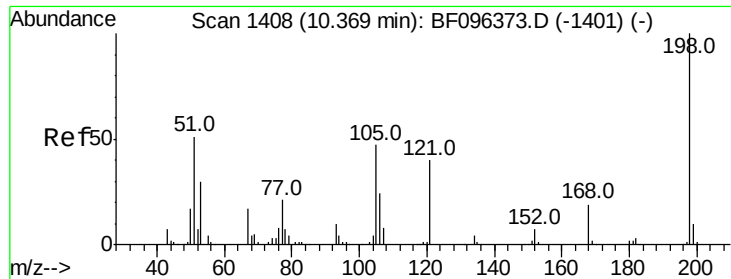


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

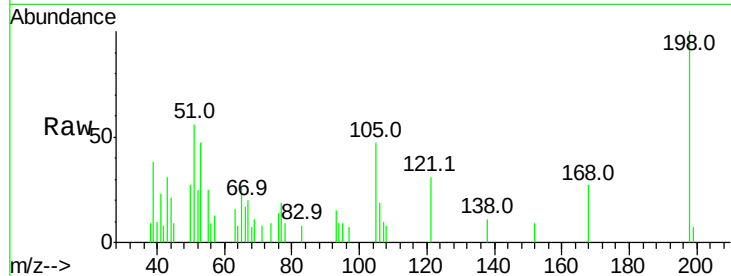




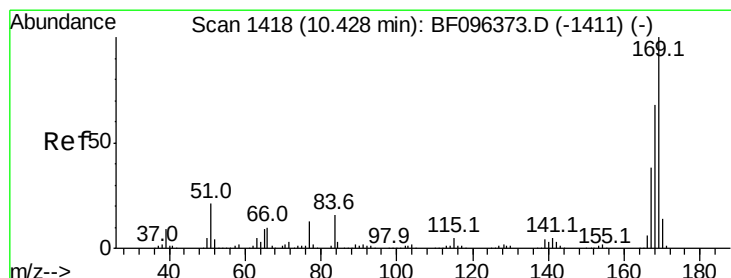
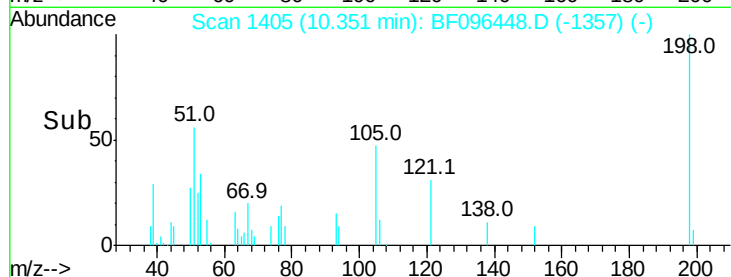
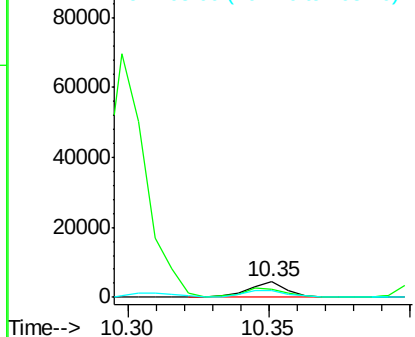
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.37 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 4094
 Ion Ratio Lower Upper
 198 100
 51 55.7 53.2 93.2
 105 46.8 45.8 85.8

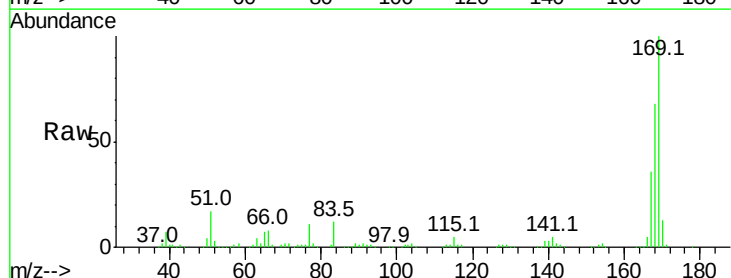


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

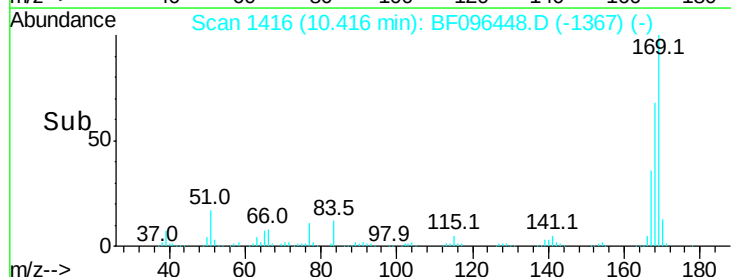
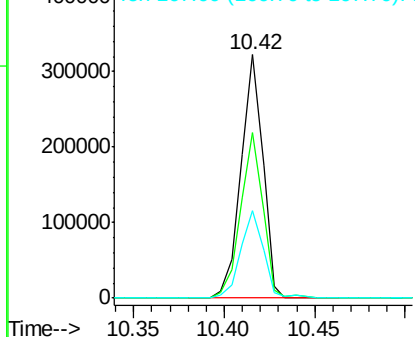


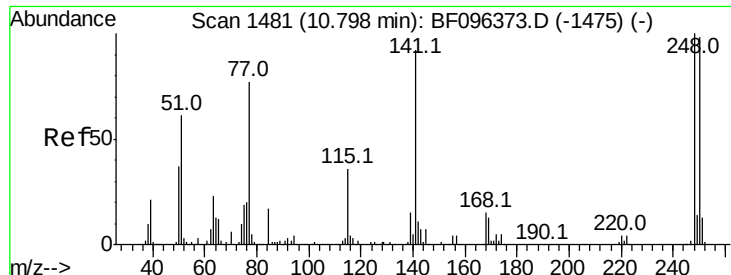
#65
 n-Nitrosodiphenylamine
 Concen: 30.90 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion:169 Resp: 271177
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.2 79.8
 167 36.2 29.5 44.3



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

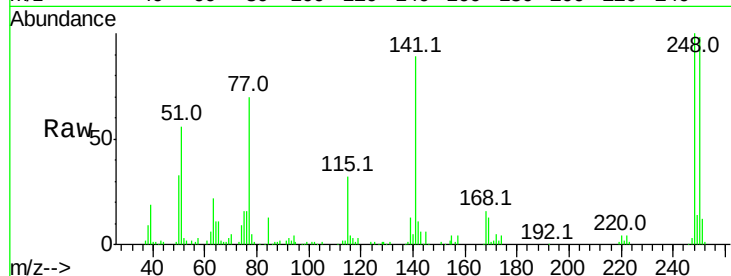




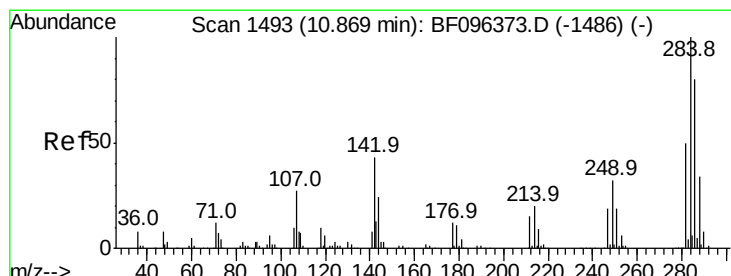
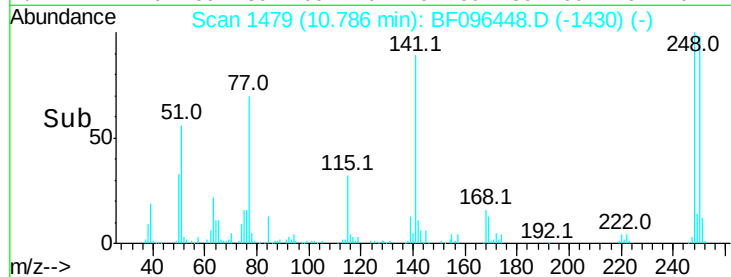
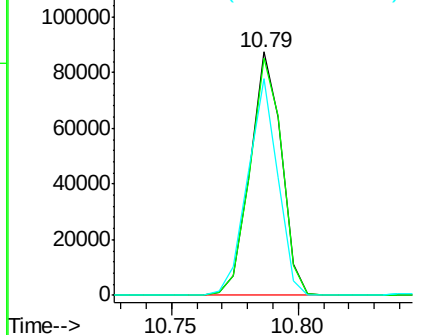
#66
4-Bromophenyl-phenylether
Concen: 30.97 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 75399
Ion Ratio Lower Upper
248 100
250 97.6 76.8 115.2
141 88.9 68.6 103.0

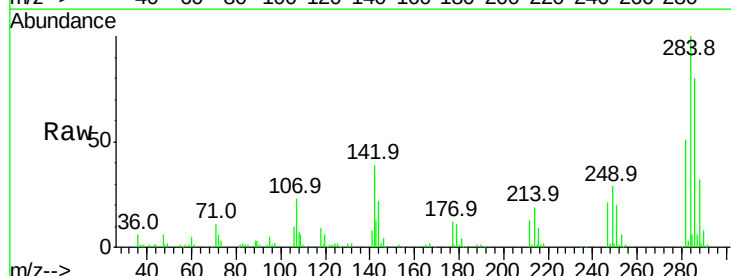


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

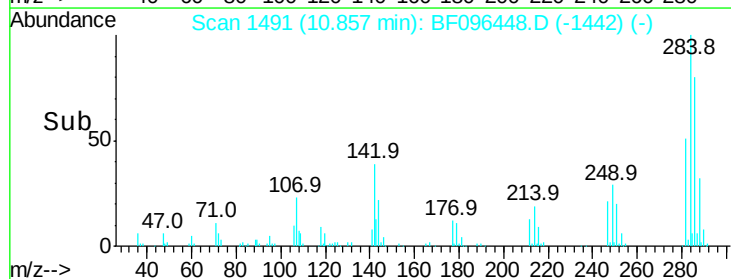
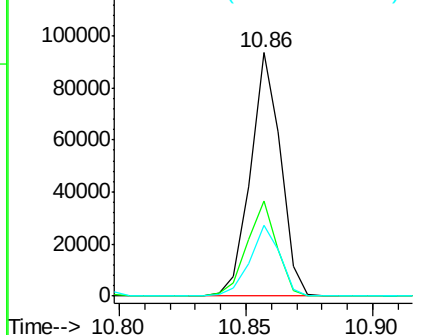


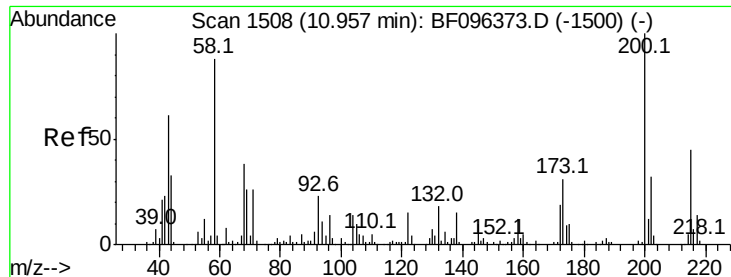
#67
Hexachlorobenzene
Concen: 29.02 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion:284 Resp: 77352
Ion Ratio Lower Upper
284 100
142 39.1 22.8 34.2#
249 29.1 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

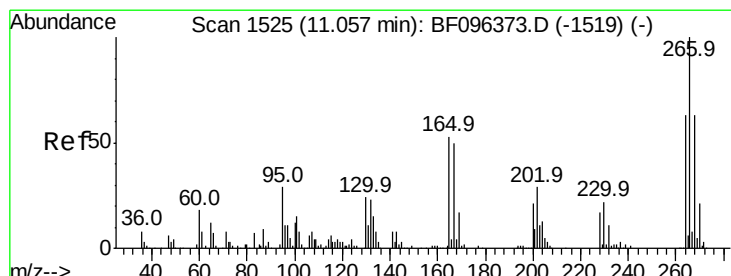
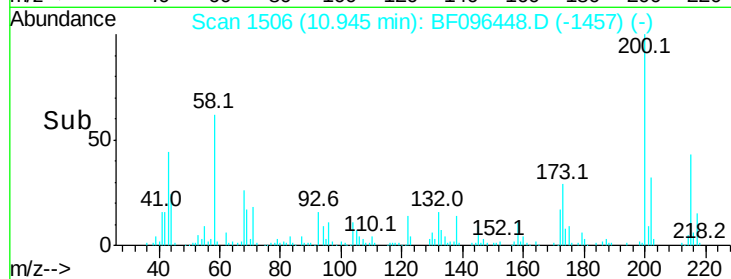
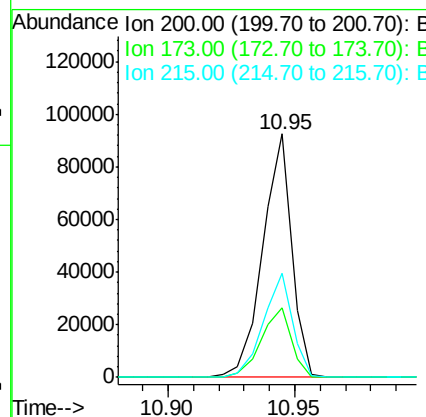
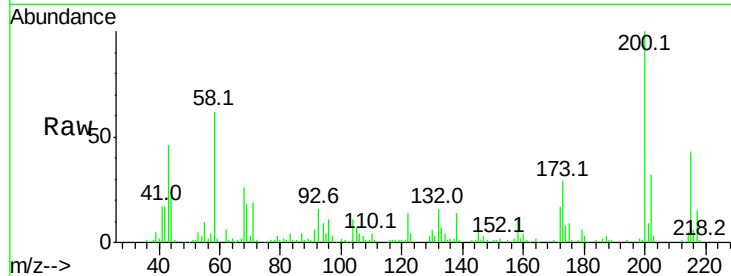




#68
Atrazine
Concen: 29.51 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

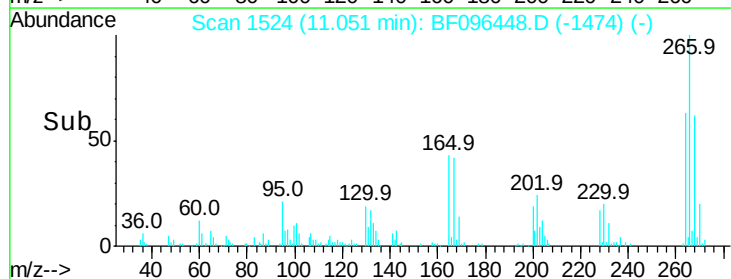
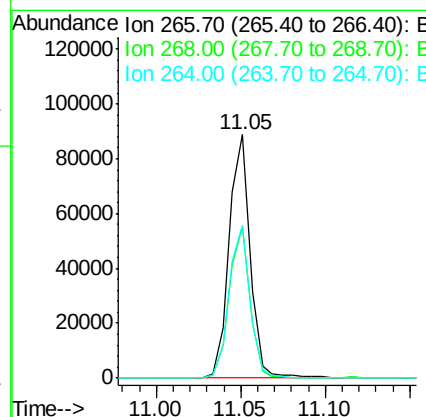
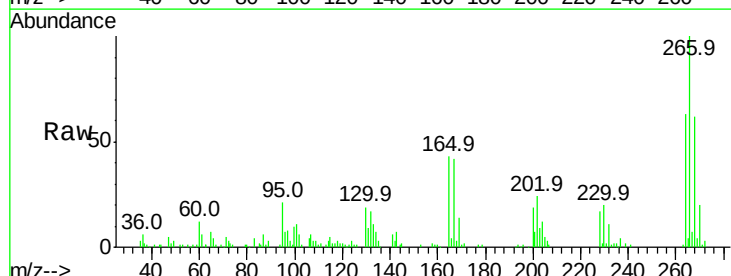
Instrument :
BNA_F
ClientSampleId :

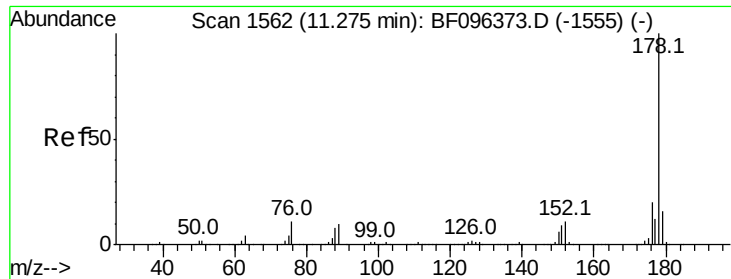
Tot Ion:200 Resp: 73989
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 42.7 27.2 67.2



#69
Pentachlorophenol
Concen: 48.50 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion:266 Resp: 76618
Ion Ratio Lower Upper
266 100
268 62.1 51.1 76.7
264 62.8 51.7 77.5

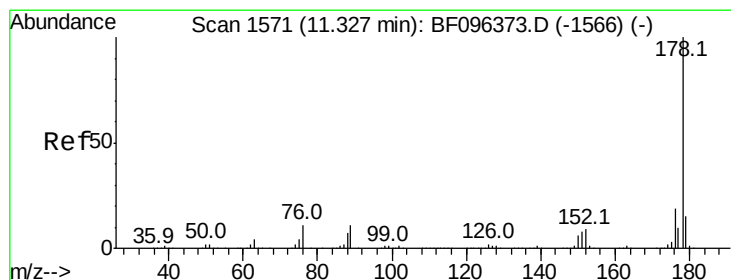
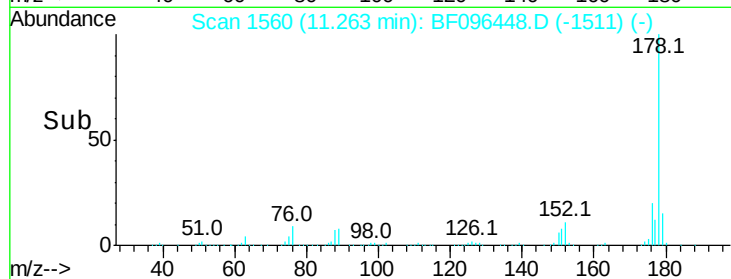
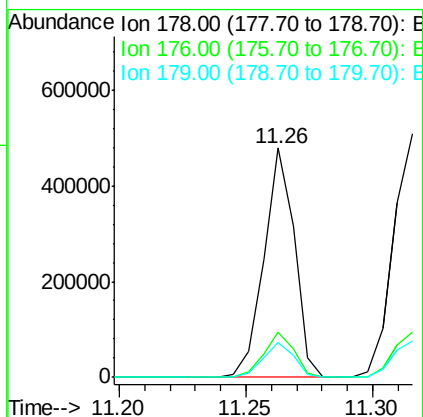
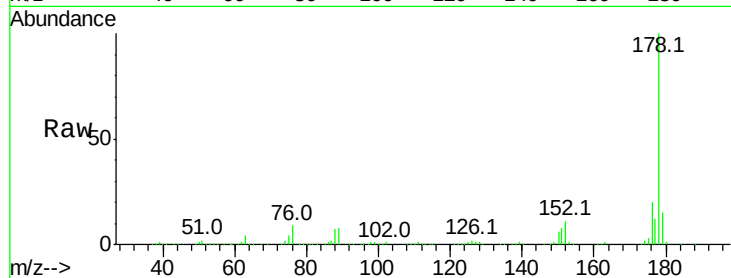




#70
Phenanthrene
Concen: 29.99 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

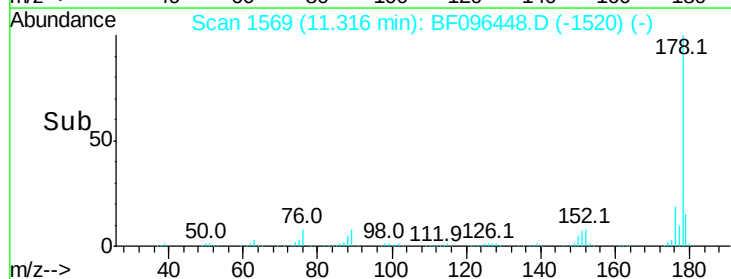
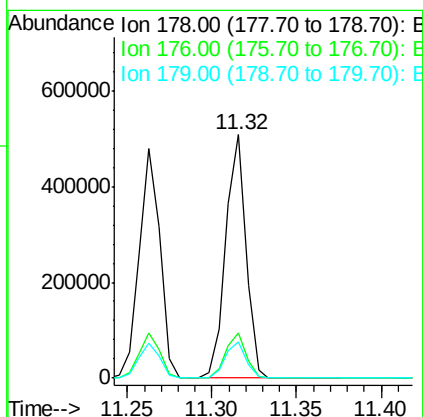
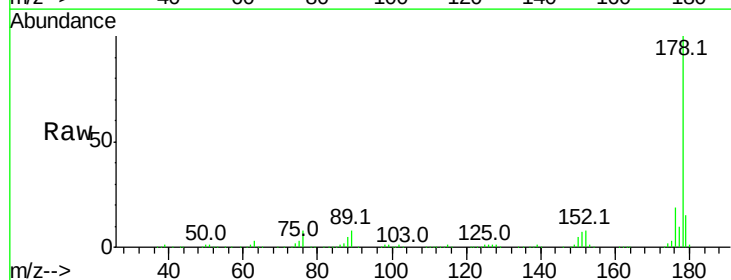
Instrument :
BNA_F
ClientSampleId :

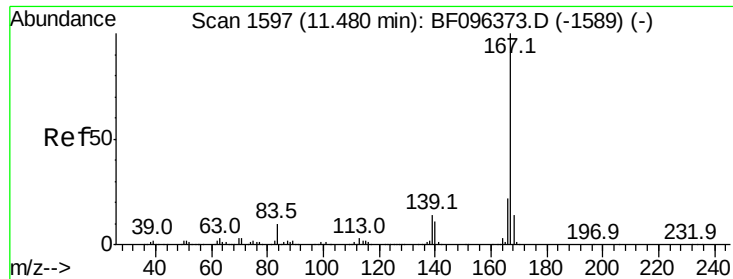
Tot Ion:178 Resp: 405458
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 15.4 12.6 19.0



#71
Anthracene
Concen: 30.80 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion:178 Resp: 424302
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 15.0 12.7 19.1





#72

Carbazole

Concen: 29.72 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

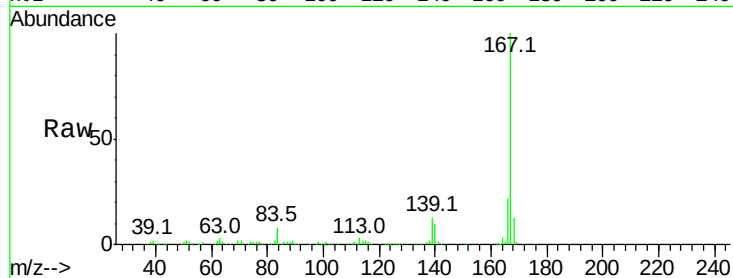
Tot Ion:167 Resp: 411843

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

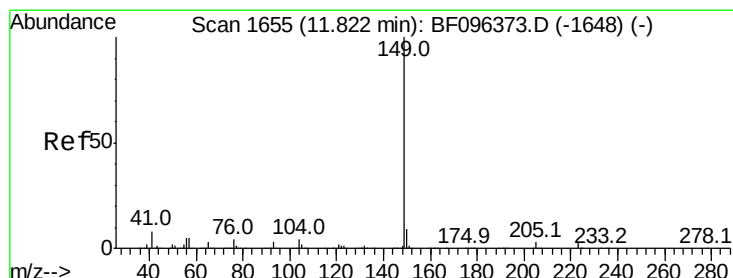
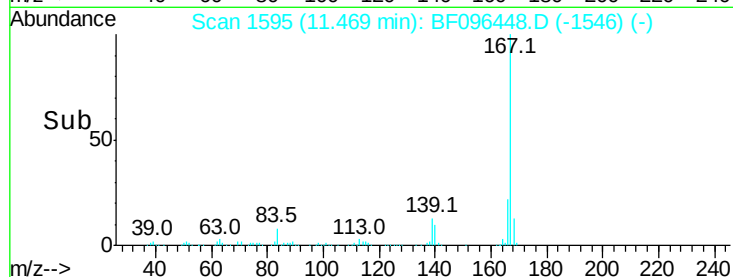
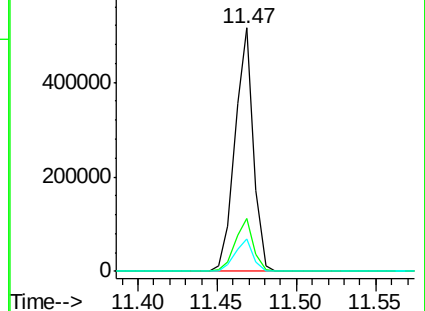
139 13.4 11.7 17.5



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: 29.39 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

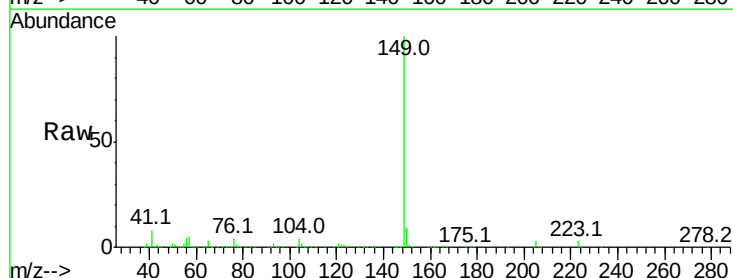
Tgt Ion:149 Resp: 493306

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

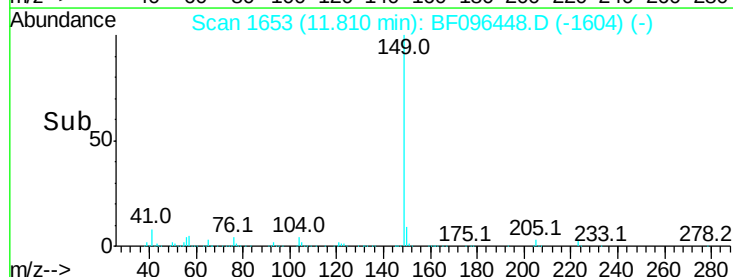
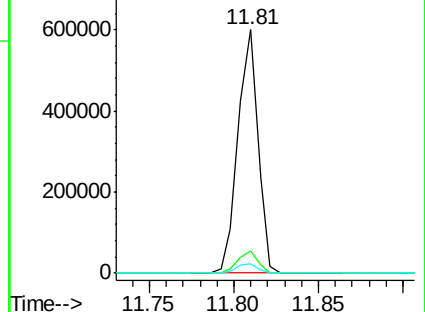
104 4.0 4.0 6.0#

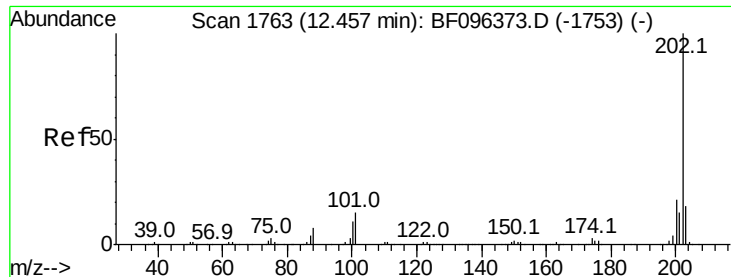


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

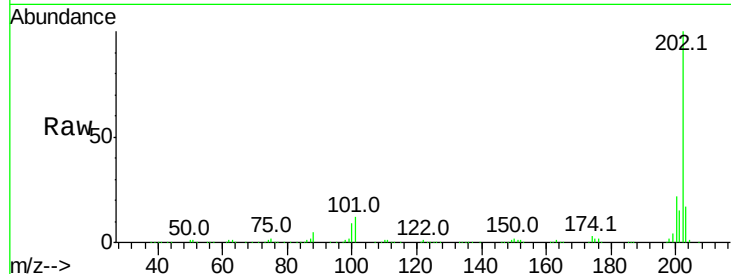




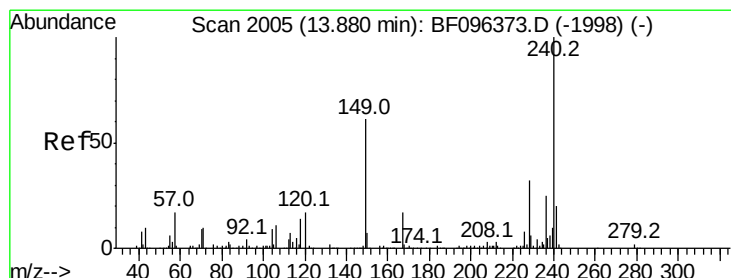
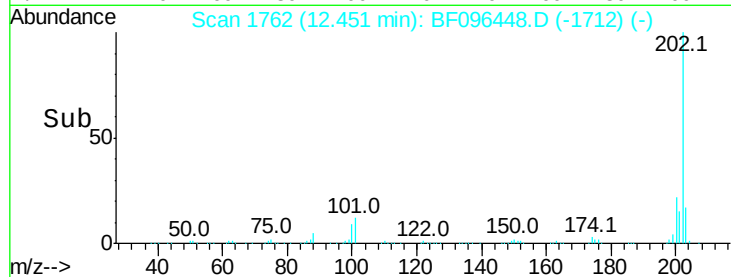
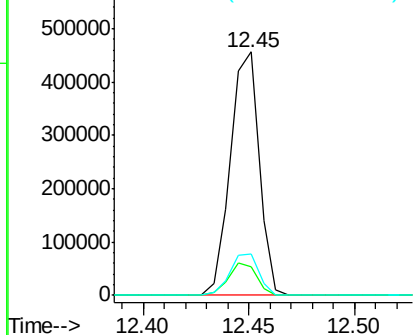
#74
 Fluoranthene
 Concen: 32.38 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 429222
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 33.2
 203 17.2 0.0 38.1

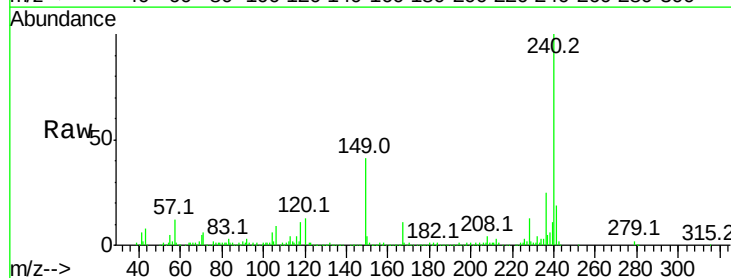


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

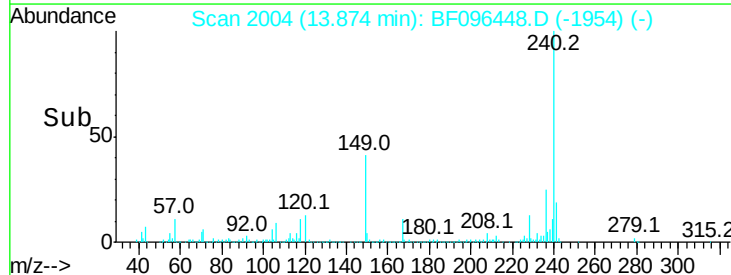
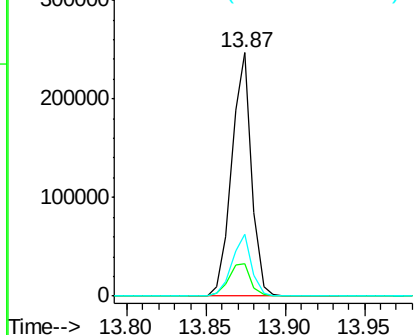


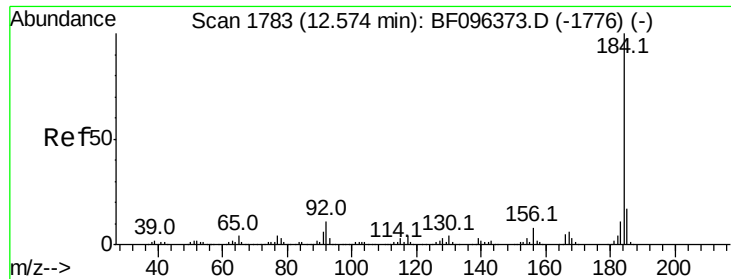
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF096448.D
 Acq: 3 Jul 2017 18:29

Tgt Ion:240 Resp: 213199
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 25.4 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: 31.88 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

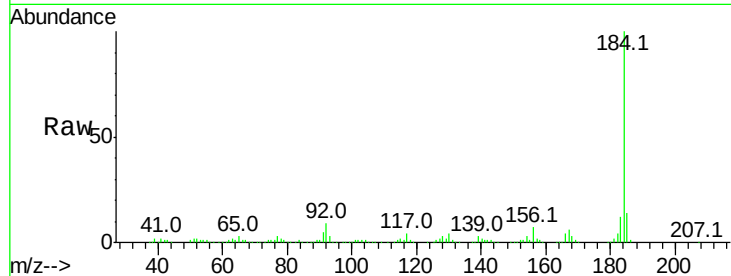
Tot Ion:184 Resp: 326120

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

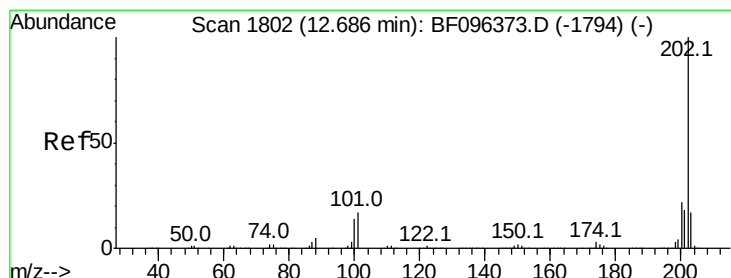
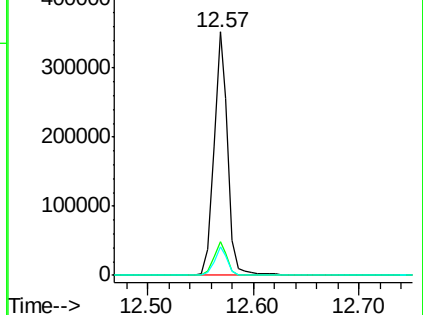
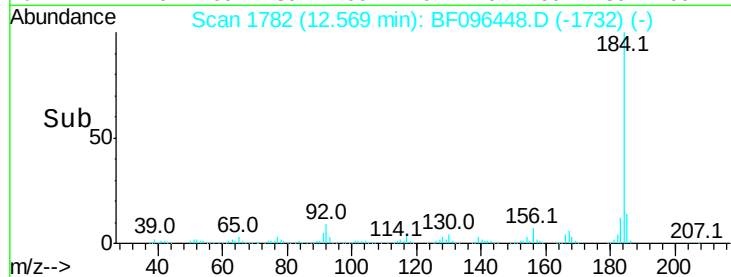
183 11.8 9.8 14.6



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

Pyrene

Concen: 26.15 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

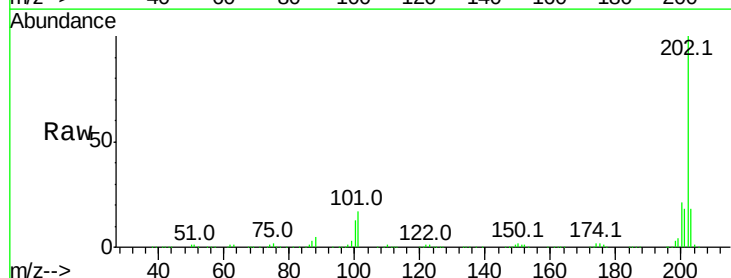
Tgt Ion:202 Resp: 447473

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

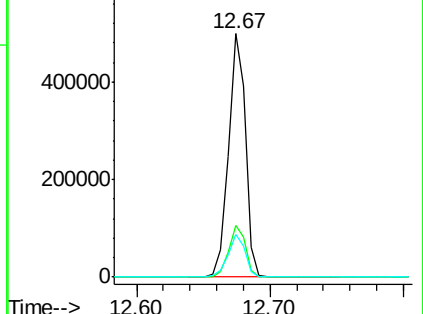
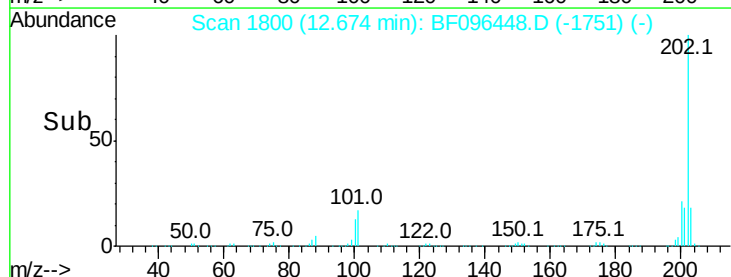
203 17.6 14.4 21.6

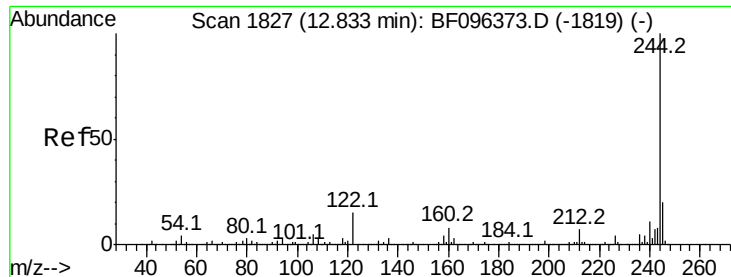


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 49.61 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

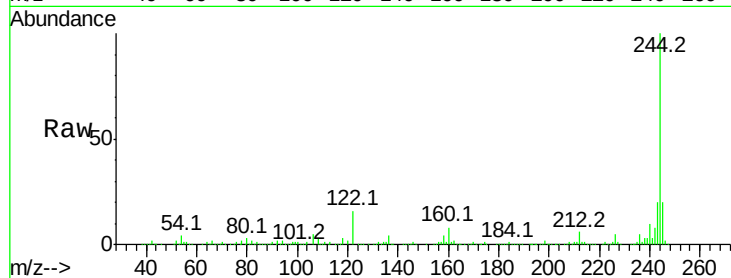
Tot Ion:244 Resp: 494955

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

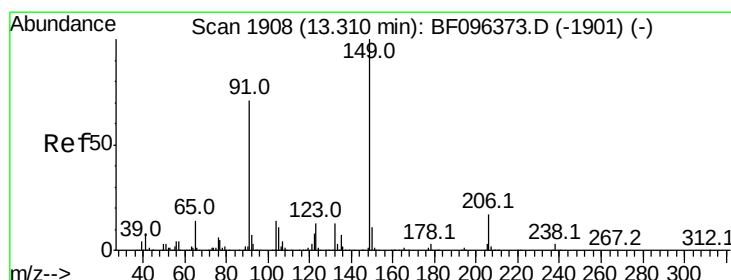
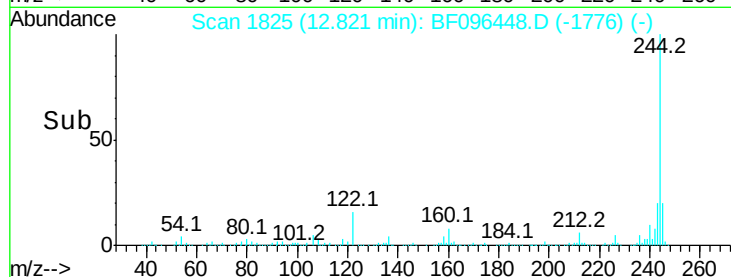
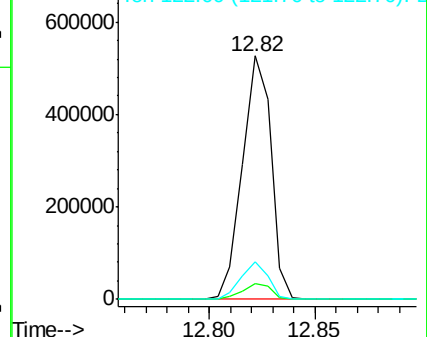
122 15.5 10.3 15.5#



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: 25.01 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

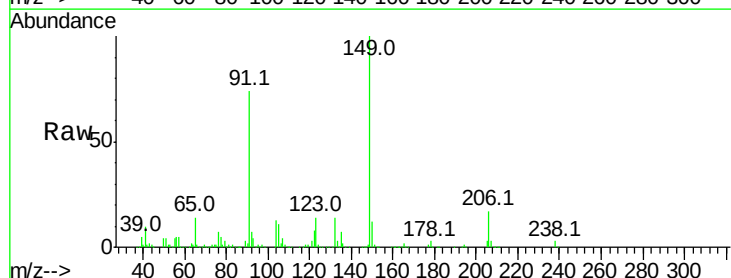
Tgt Ion:149 Resp: 216700

Ion Ratio Lower Upper

149 100

91 73.9 45.0 67.4#

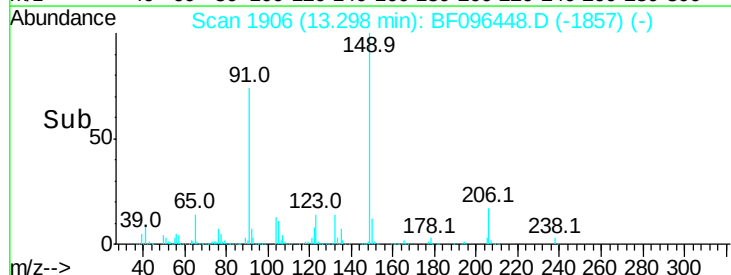
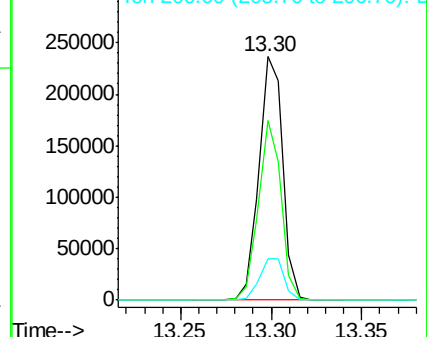
206 17.2 17.0 25.6

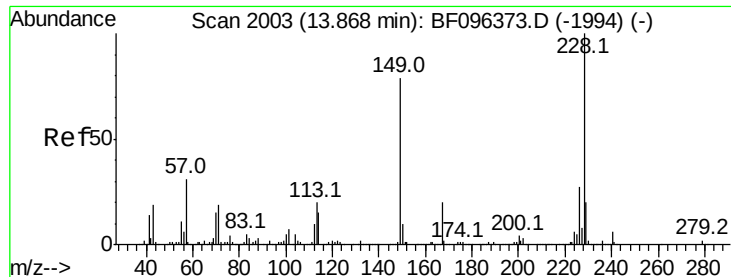


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

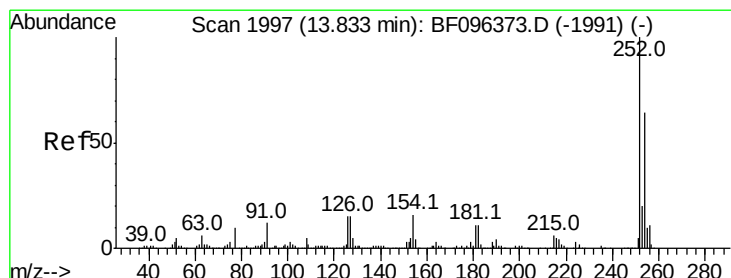
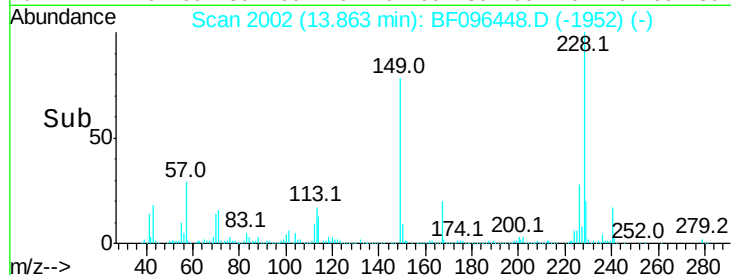
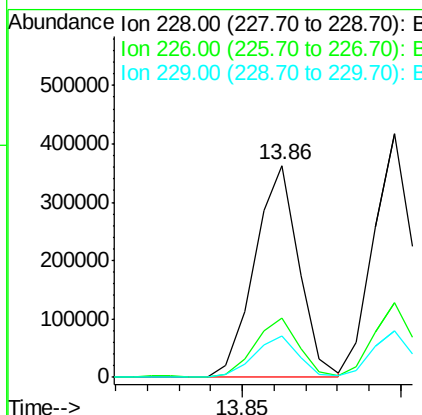
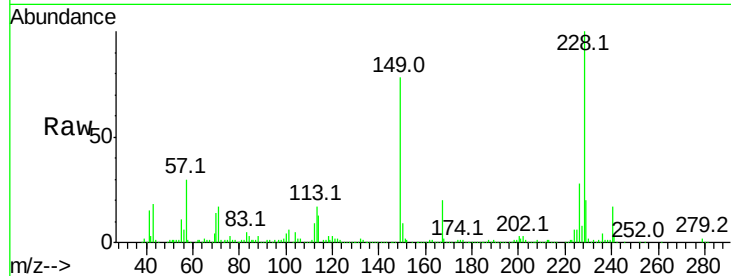




#80
Benzo(a)anthracene
Concen: 28.47 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

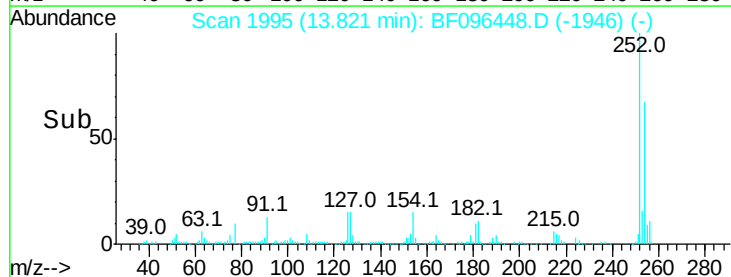
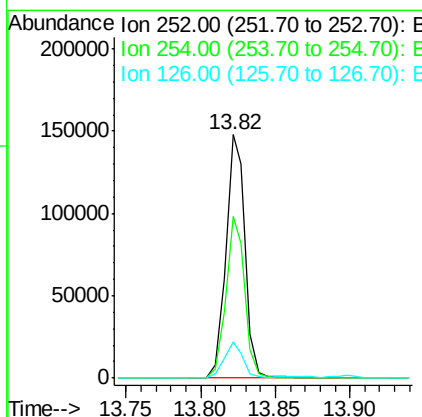
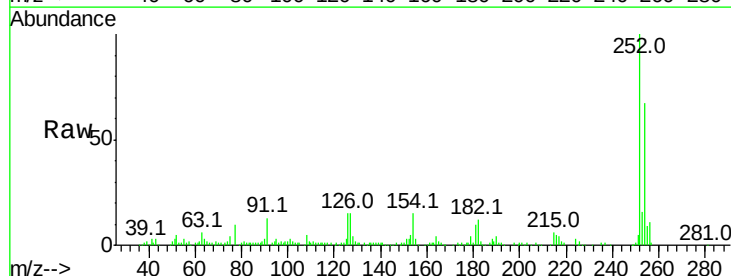
Instrument :
BNA_F
ClientSampleId :

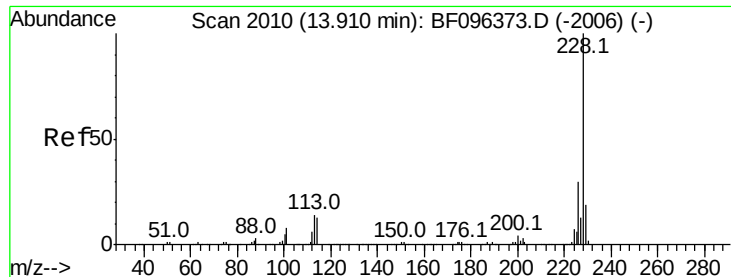
Tot Ion:228 Resp: 351491
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.6 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 26.59 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion:252 Resp: 134808
Ion Ratio Lower Upper
252 100
254 66.7 51.5 77.3
126 14.8 15.8 23.8#





#82

Chrysene

Concen: 27.01 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

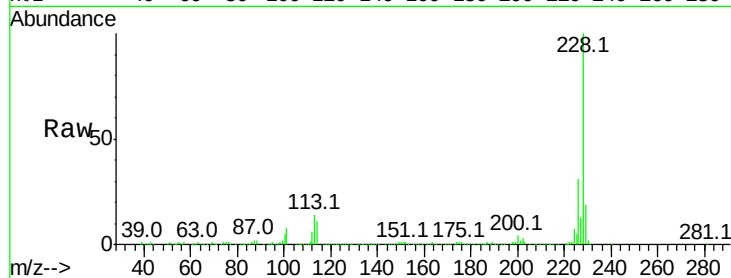
Tot Ion:228 Resp: 349229

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

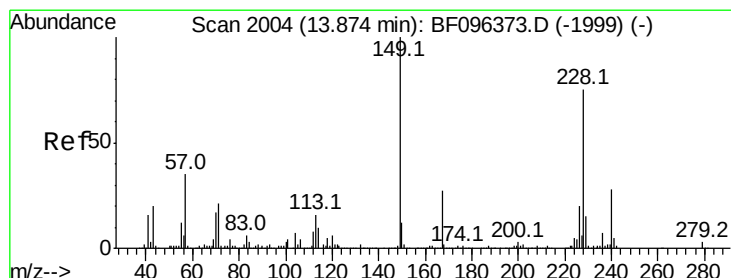
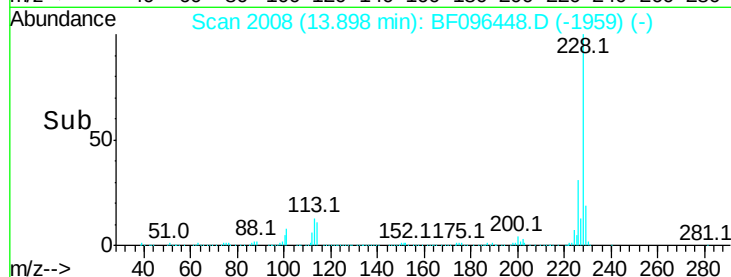
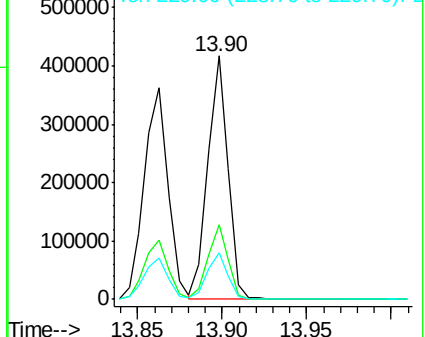
229 19.1 15.8 23.6



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: 29.50 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

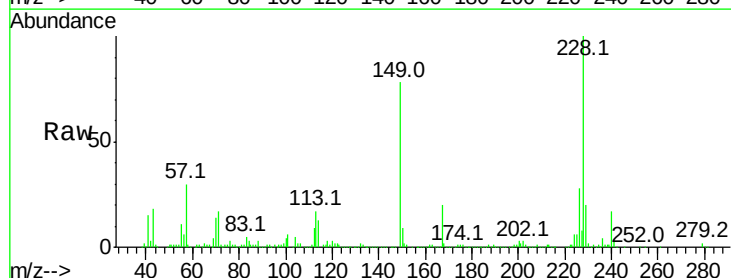
Tgt Ion:149 Resp: 285252

Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

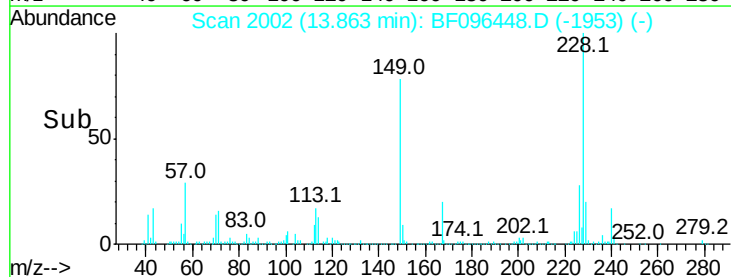
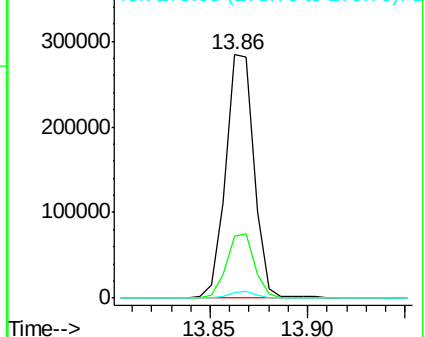
279 2.3 1.9 2.9

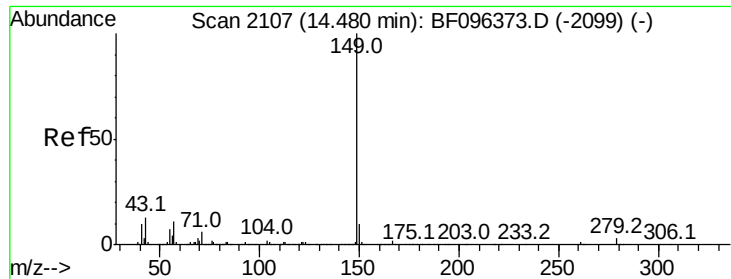


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 28.21 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Instrument :

BNA_F

ClientSampleId :

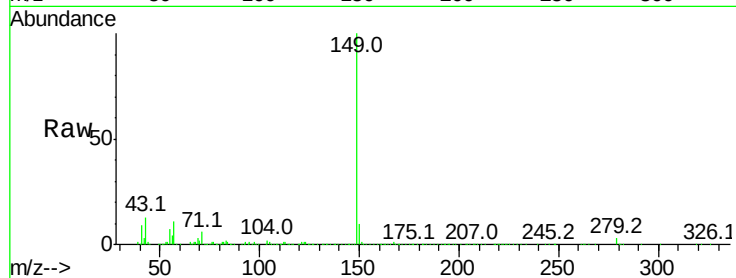
Tot Ion:149 Resp: 537116

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

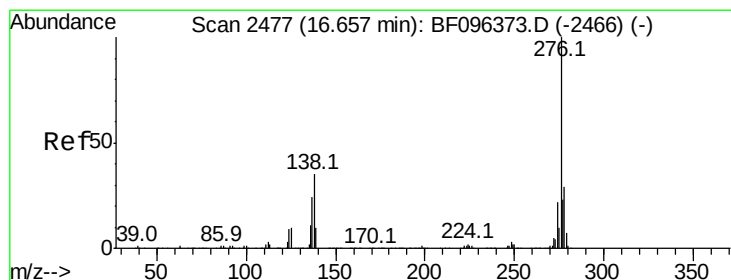
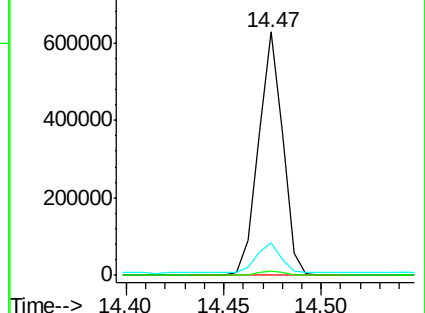
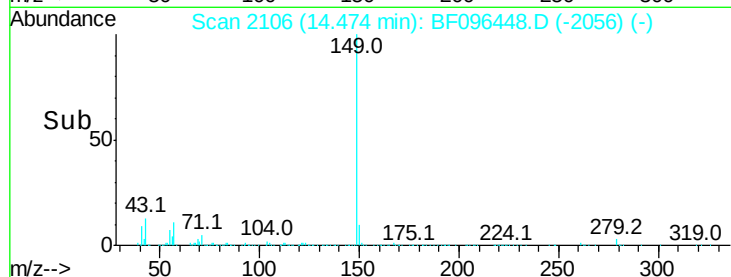
43 13.1 8.5 12.7#



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: 23.36 ng

RT: 16.64 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

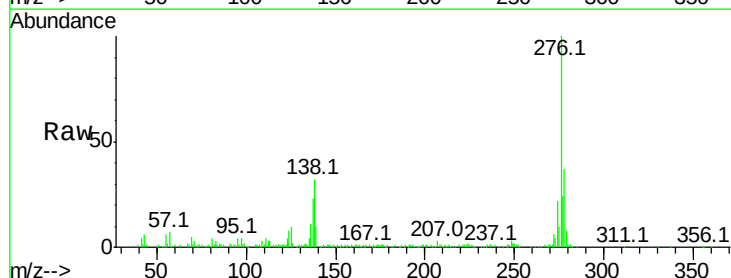
Tgt Ion:276 Resp: 238409

Ion Ratio Lower Upper

276 100

138 34.6 27.8 41.6

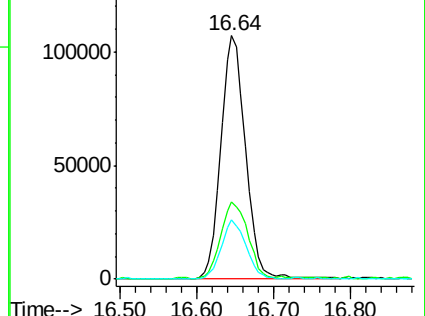
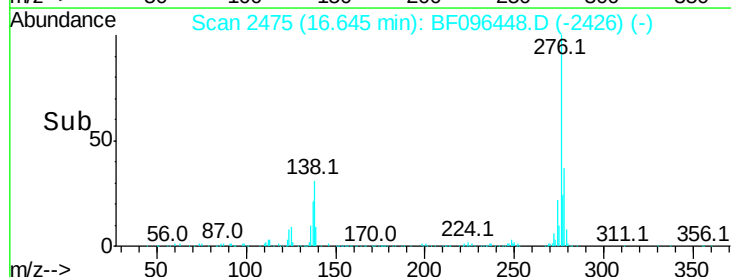
277 24.5 20.2 30.4

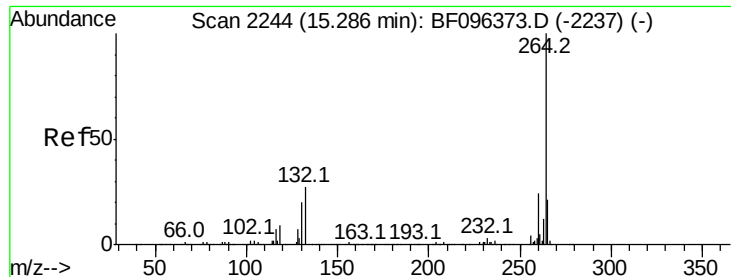


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

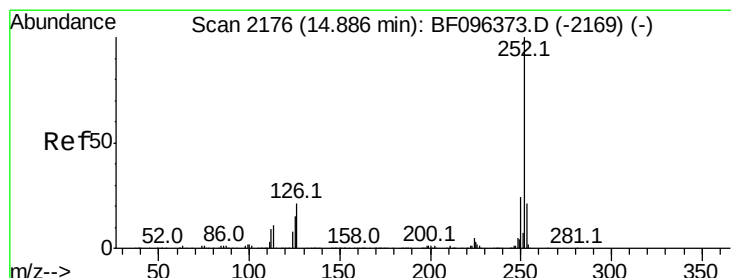
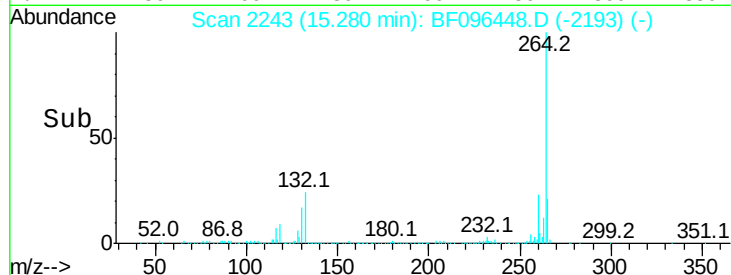
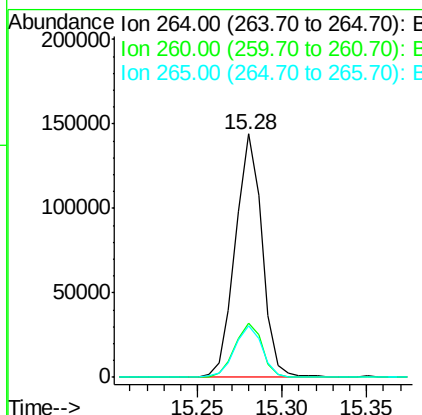
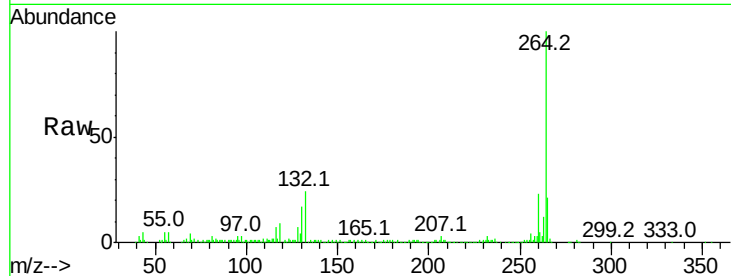




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

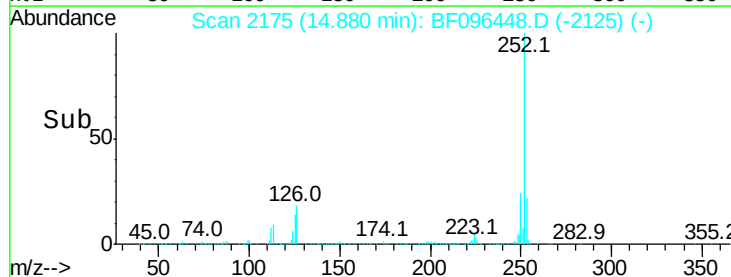
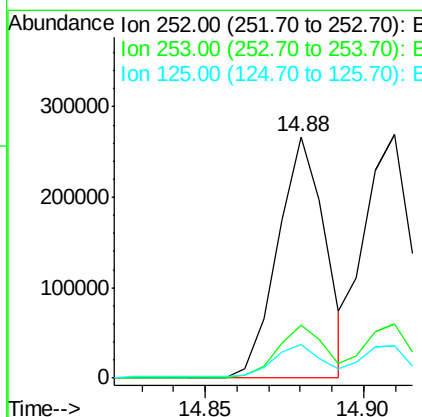
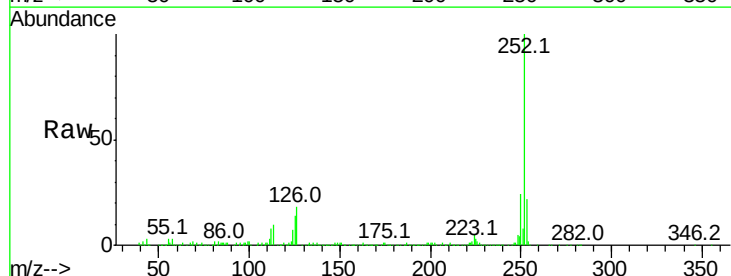
Instrument :
BNA_F
ClientSampleId :

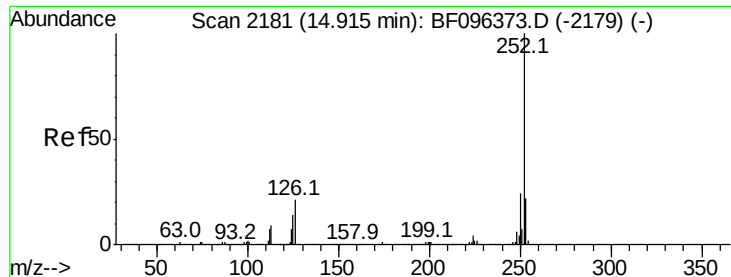
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.4	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 28.10 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	14.1	9.8	14.8

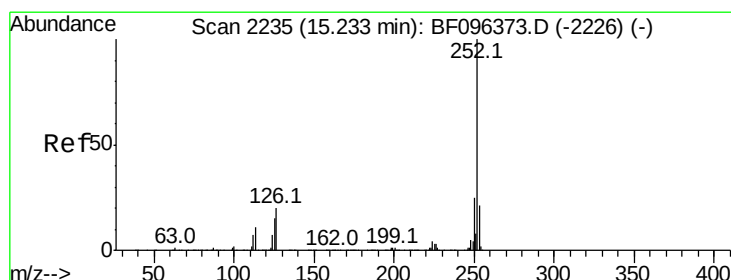
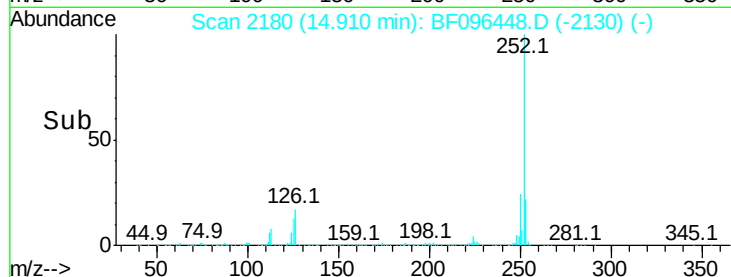
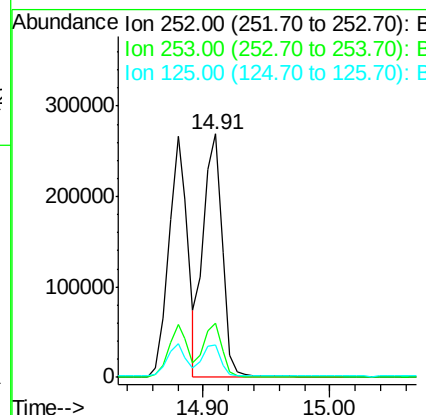
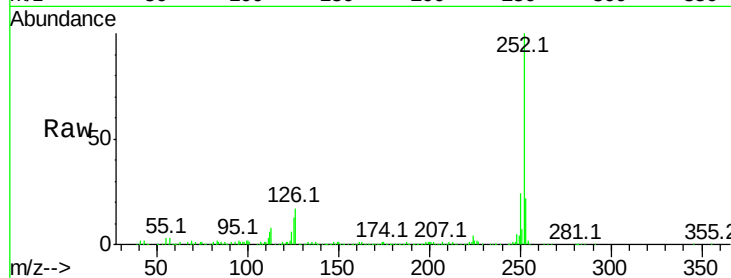




#88
Benzo(k)fluoranthene
Concen: 31.39 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

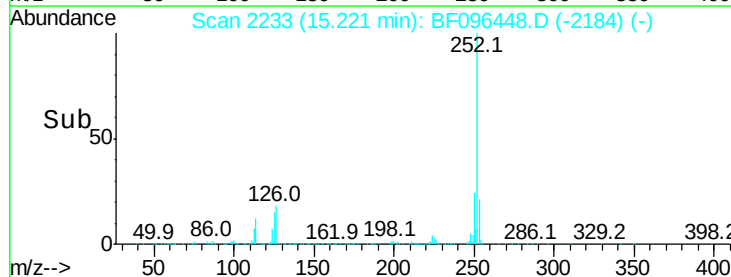
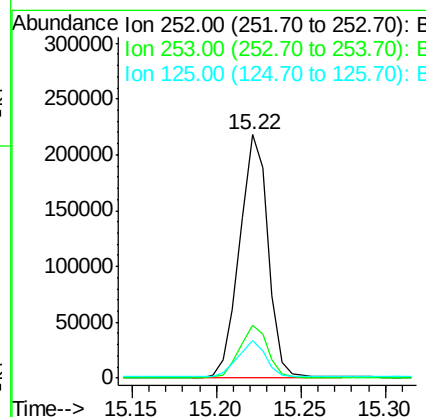
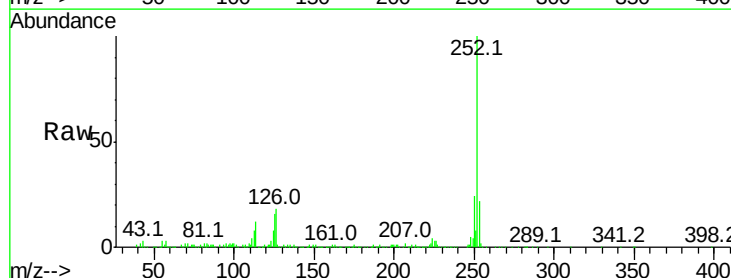
Instrument :
BNA_F
ClientSampleId :

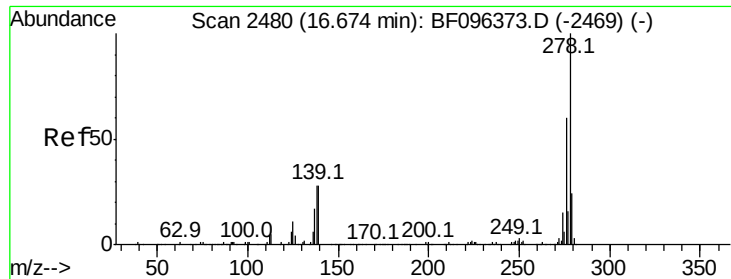
Tot Ion:252 Resp: 278620
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 13.3 13.1 19.7



#89
Benzo(a)pyrene
Concen: 29.11 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF096448.D
Acq: 3 Jul 2017 18:29

Tgt Ion:252 Resp: 257917
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 15.6 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 28.88 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.01 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

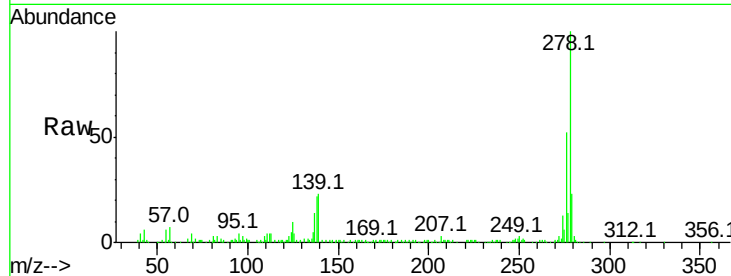
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 201320

Ion	Ratio	Lower	Upper
278	100		
139	22.9	16.6	24.8
279	22.9	19.3	28.9

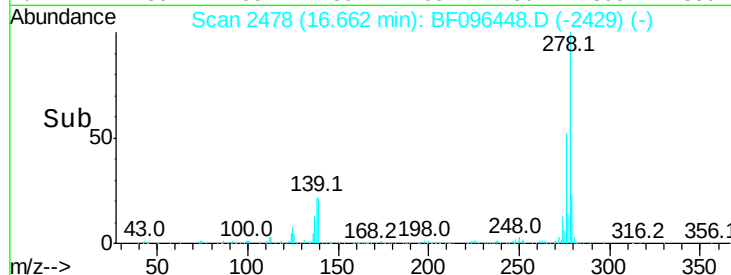
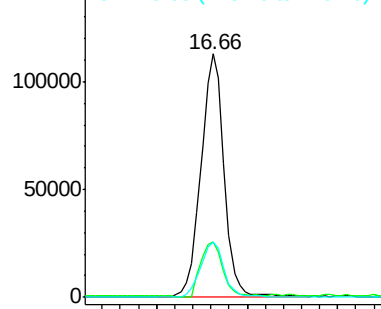


Abundance

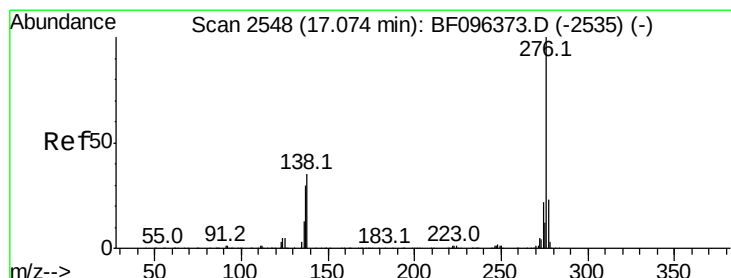
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#91

Benzo(g,h,i)perylene

Concen: 26.97 ng

RT: 17.06 min Scan# 2545

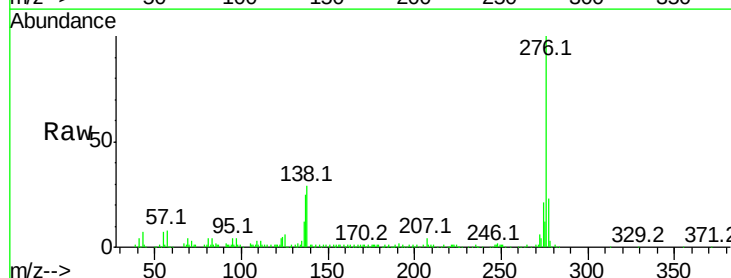
Delta R.T. -0.02 min

Lab File: BF096448.D

Acq: 3 Jul 2017 18:29

Tgt Ion:276 Resp: 194775

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	29.4	25.4	38.0

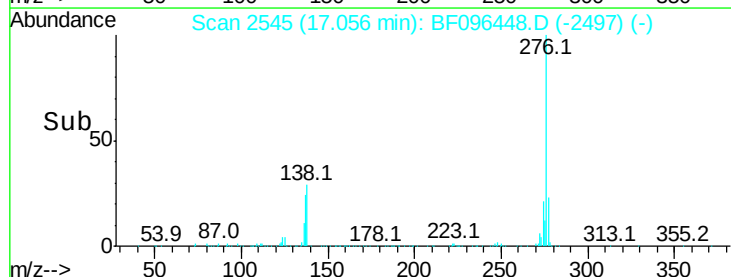
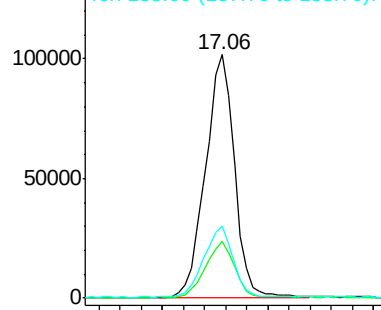


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->