

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096432.D
 Acq On : 3 Jul 2017 11:05
 Operator : SJ/MA
 Sample : PB100328BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 16:12:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131851	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	567978	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	250345	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	429153	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	242200	20.00	ng	-0.01
86) Perylene-d12	15.27	264	212648	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1002362	112.21	ng	0.00
7) Phenol-d6	6.37	99	1288218	117.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	778473	82.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	248979	127.32	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1316050	89.88	ng	-0.01
78) Terphenyl-d14	12.83	244	1008520	88.98	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	128672	30.38	ng	# 75
3) Pyridine	3.20	79	363184	31.25	ng	# 63
4) n-Nitrosodimethylamine	3.12	42	217952	37.99	ng	# 81
6) Aniline	6.39	93	386153	27.21	ng	# 1
8) 2-Chlorophenol	6.52	128	405827	42.60	ng	98
9) Benzaldehyde	6.27	77	130394	18.97	ng	99
10) Phenol	6.39	94	486711	38.90	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	406383	42.03	ng	93
12) 1,3-Dichlorobenzene	6.67	146	426216	42.67	ng	99
13) 1,4-Dichlorobenzene	6.75	146	428602	42.93	ng	97
14) 1,2-Dichlorobenzene	6.90	146	394064	42.99	ng	97
15) Benzyl Alcohol	6.87	79	330608	45.03	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	838424	42.65	ng	92
17) 2-Methylphenol	6.99	107	325975	42.94	ng	99
18) Hexachloroethane	7.24	117	156723	43.30	ng	# 81
19) n-Nitroso-di-n-propylamine	7.15	70	264684	40.46	ng	# 85
20) 3+4-Methylphenols	7.14	107	384182	45.37	ng	94
22) Acetophenone	7.13	105	520955	41.98	ng	# 95
24) Nitrobenzene	7.30	77	414248	41.78	ng	94
25) Isophorone	7.55	82	677288	36.96	ng	96
26) 2-Nitrophenol	7.62	139	227342	43.32	ng	# 88
27) 2,4-Dimethylphenol	7.67	122	374392	41.89	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	518706	42.88	ng	99
29) 2,4-Dichlorophenol	7.87	162	340016	44.10	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	320071	44.01	ng	98
31) Naphthalene	8.03	128	1152490	42.98	ng	100
32) Benzoic acid	7.81	122	234929	31.30	ng	95
33) 4-Chloroaniline	8.07	127	248403	22.30	ng	97
34) Hexachlorobutadiene	8.15	225	162476	43.55	ng	97
35) Caprolactam	8.46	113	74764	28.12	ng	# 59
36) 4-Chloro-3-methylphenol	8.57	107	355694	41.69	ng	89
37) 2-Methylnaphthalene	8.72	142	781115	45.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	250713	38.57	ng	98
40) Hexachlorocyclopentadiene	8.88	237	301534	95.40	ng	98

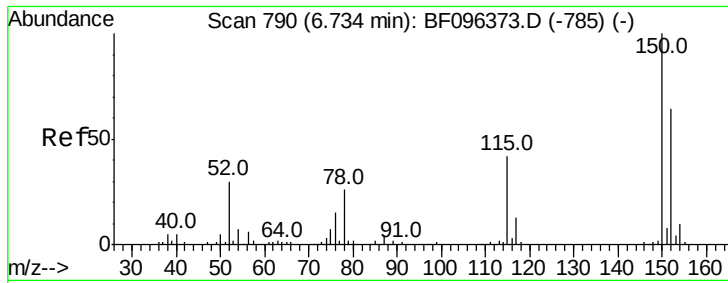
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096432.D
 Acq On : 3 Jul 2017 11:05
 Operator : SJ/MA
 Sample : PB100328BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	212140	41.25	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	225426	44.34	ng	95
45) 1,1'-Biphenyl	9.19	154	860438	40.11	ng	98
46) 2-Chloronaphthalene	9.21	162	632127	39.54	ng	95
47) 2-Nitroaniline	9.30	65	248993	42.81	ng	95
48) Acenaphthylene	9.62	152	1058404	41.79	ng	99
49) Dimethylphthalate	9.49	163	809611	43.32	ng	99
50) 2,6-Dinitrotoluene	9.55	165	186409	45.11	ng	# 88
51) Acenaphthene	9.79	154	605303	38.77	ng	99
52) 3-Nitroaniline	9.71	138	156315	30.33	ng	92
53) 2,4-Dinitrophenol	9.82	184	134625	61.33	ng	# 69
54) Dibenzofuran	9.97	168	945239	45.85	ng	99
55) 4-Nitrophenol	9.89	139	331380	77.56	ng	# 69
56) 2,4-Dinitrotoluene	9.95	165	245048	46.82	ng	# 90
57) Fluorene	10.31	166	665608	45.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	168824	47.99	ng	99
59) Diethylphthalate	10.19	149	798528	45.21	ng	100
60) 4-Chlorophenyl-phenylether	10.30	204	279853	44.18	ng	97
61) 4-Nitroaniline	10.33	138	189955	40.53	ng	91
62) Azobenzene	10.46	77	758372	44.40	ng	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	105434	35.62	ng	92
65) n-Nitrosodiphenylamine	10.42	169	638979	42.44	ng	98
66) 4-Bromophenyl-phenylether	10.79	248	183742	43.98	ng	93
67) Hexachlorobenzene	10.86	284	195768	42.81	ng	# 87
68) Atrazine	10.95	200	182306	42.38	ng	94
69) Pentachlorophenol	11.05	266	185078	68.28	ng	100
70) Phenanthrene	11.27	178	1025300	44.20	ng	99
71) Anthracene	11.32	178	1047427	44.31	ng	99
72) Carbazole	11.47	167	972730	40.91	ng	98
73) Di-n-butylphthalate	11.81	149	1220766	42.39	ng	99
74) Fluoranthene	12.45	202	987031	43.40	ng	99
76) Benzidine	12.57	184	64305	5.53	ng	# 58
77) Pyrene	12.67	202	1016035	52.26	ng	99
79) Butylbenzylphthalate	13.30	149	499373	50.74	ng	# 79
80) Benzo(a)anthracene	13.86	228	646646	46.11	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	182959	31.76	ng	# 95
82) Chrysene	13.90	228	650357	44.28	ng	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	574648	52.31	ng	99
84) Di-n-octyl phthalate	14.47	149	991007	45.81	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.64	276	619570	53.44	ng	96
87) Benzo(b)fluoranthene	14.88	252	565705	42.46	ng	99
88) Benzo(k)fluoranthene	14.88	252	565705	47.46	ng	97
89) Benzo(a)pyrene	15.22	252	529326	44.50	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	497794	53.19	ng	96
91) Benzo(g,h,i)perylene	17.06	276	545139	56.21	ng	99

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

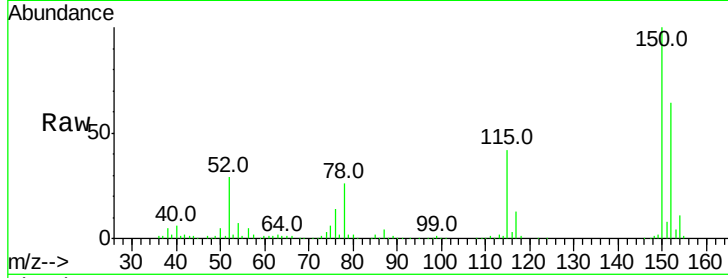


#1

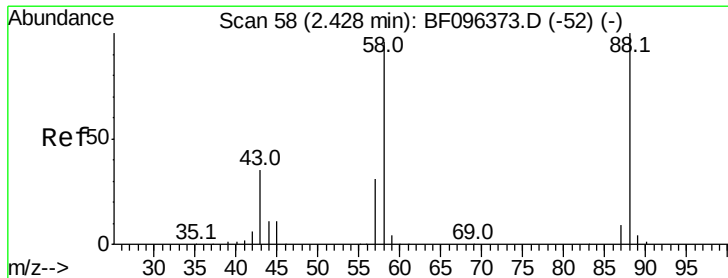
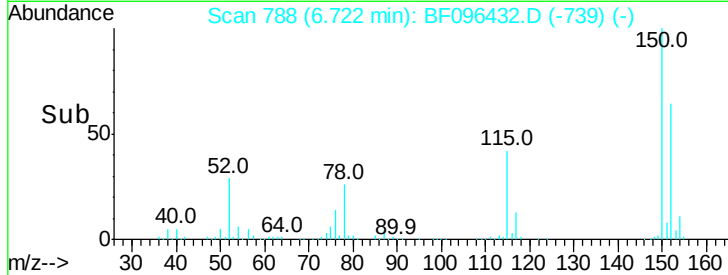
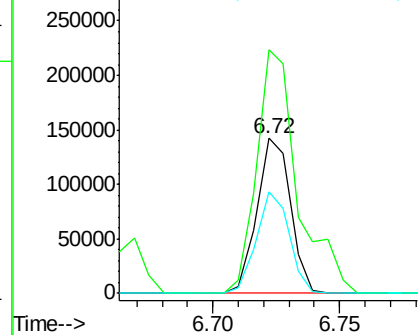
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 131851
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 65.8 52.2 78.2



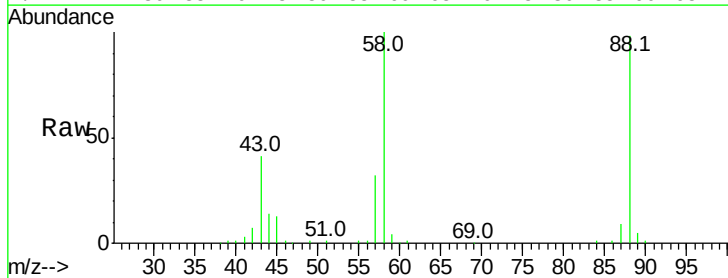
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



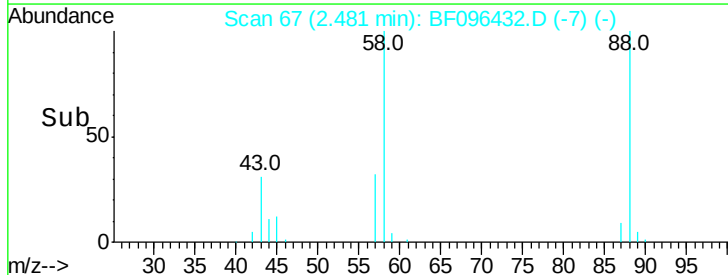
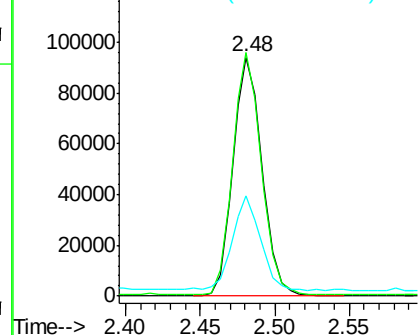
#2

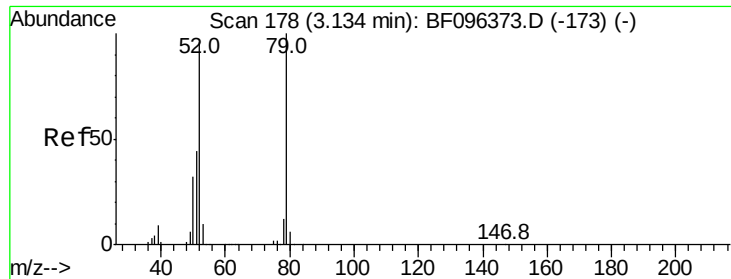
1,4-Dioxane
Concen: 30.38 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.05 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion: 88 Resp: 128672
Ion Ratio Lower Upper
88 100
58 99.6 61.4 92.0#
43 39.9 23.4 35.0#



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





#3

Pvridine

Concen: 31.25 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.06 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

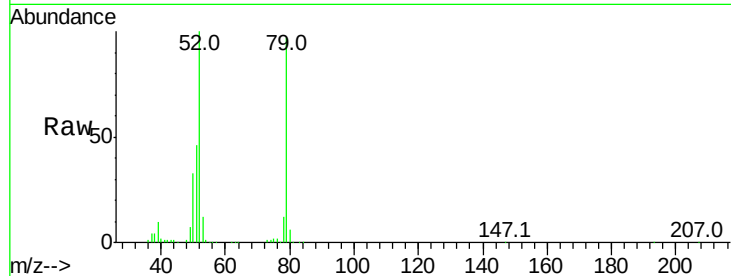
Tot Ion: 79 Resp: 363184

Ion Ratio Lower Upper

79 100

52 103.0 54.8 82.2#

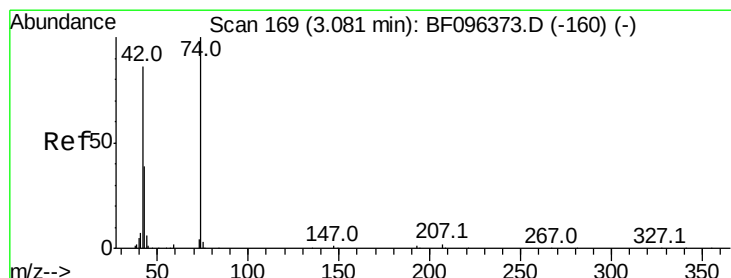
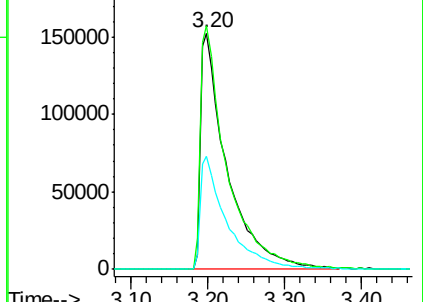
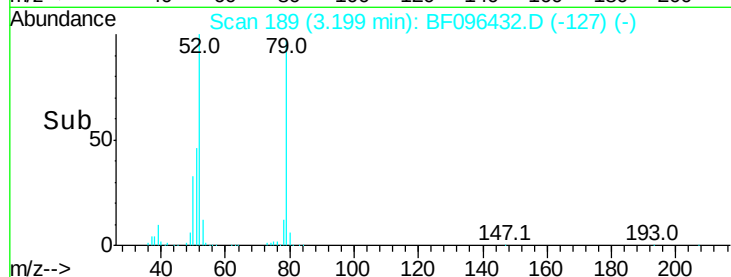
51 47.7 27.0 40.4#



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: 37.99 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.04 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

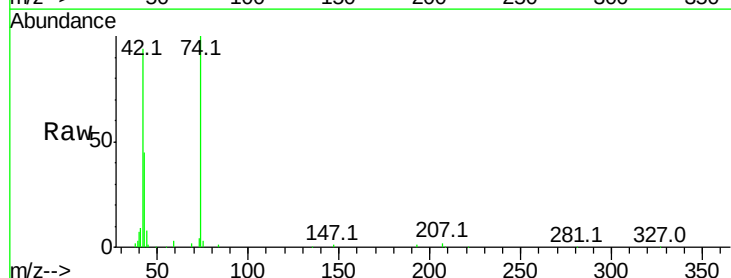
Tgt Ion: 42 Resp: 217952

Ion Ratio Lower Upper

42 100

74 106.6 103.9 155.9

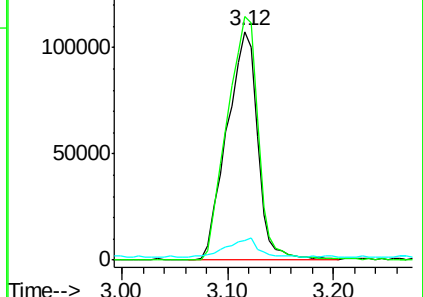
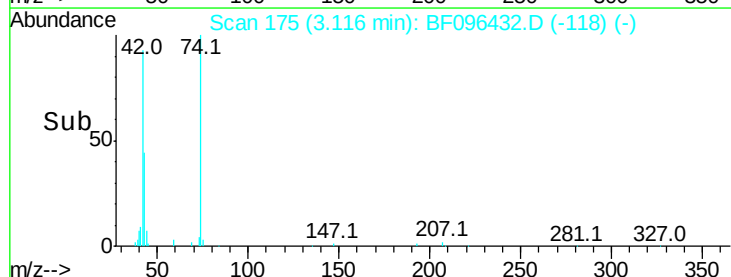
44 8.5 5.7 8.5

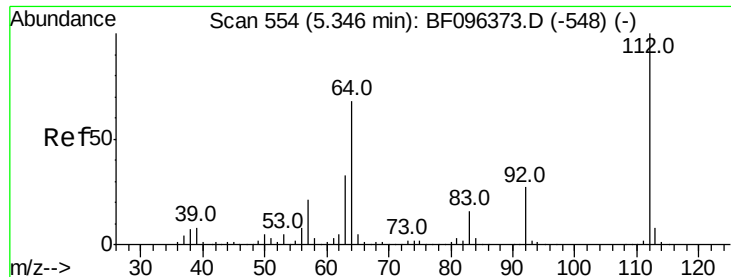


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.21 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampled :

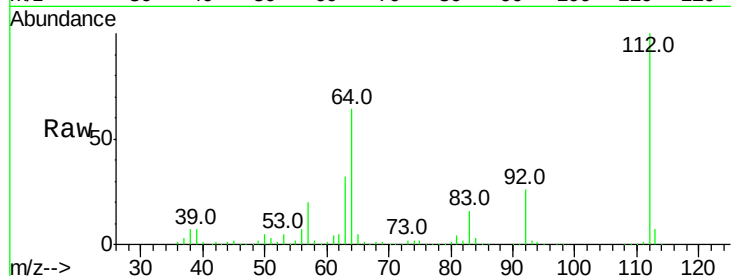
Tot Ion:112 Resp: 1002362

Ion Ratio Lower Upper

112 100

64 63.9 46.0 69.0

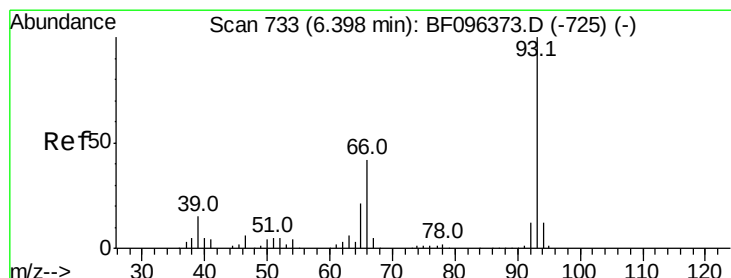
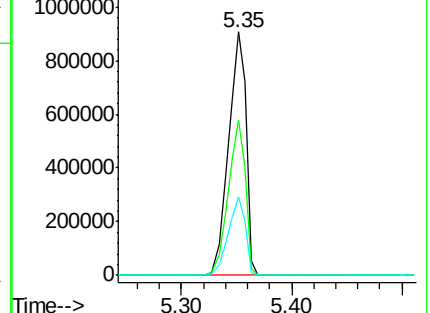
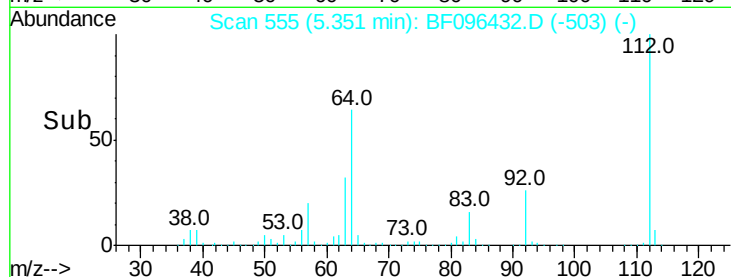
63 32.0 23.4 35.0



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: 27.21 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

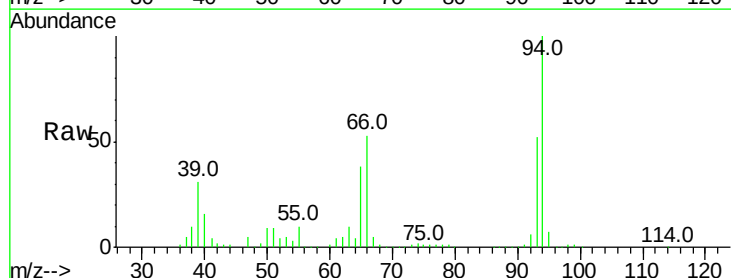
Tgt Ion: 93 Resp: 386153

Ion Ratio Lower Upper

93 100

66 102.2 32.9 49.3#

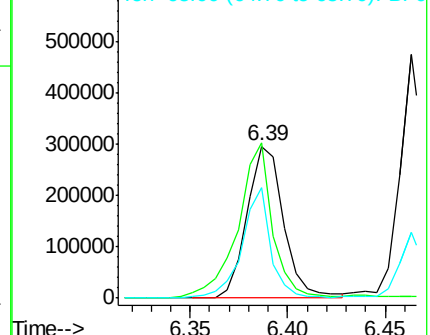
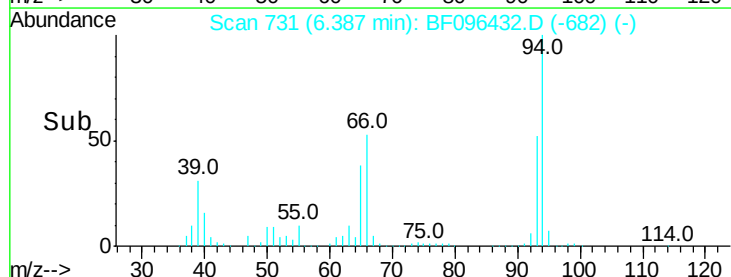
65 72.8 16.0 24.0#

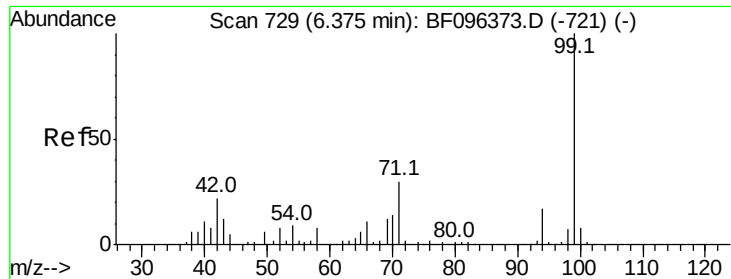


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.30 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

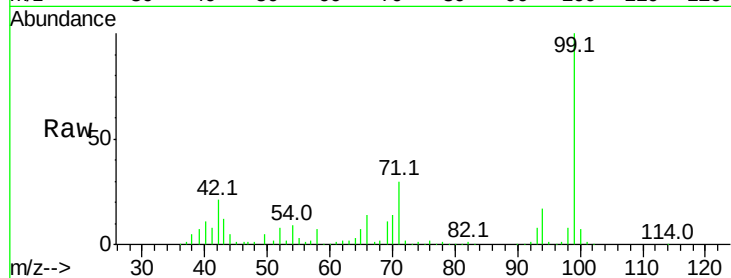
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1288218

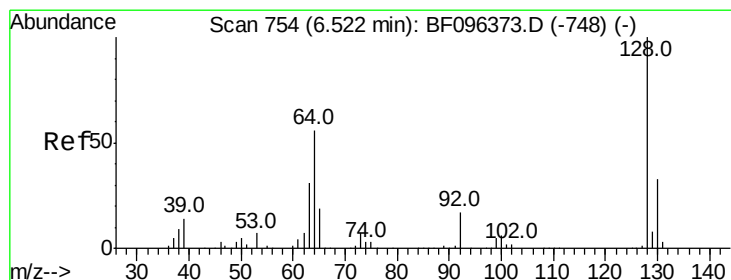
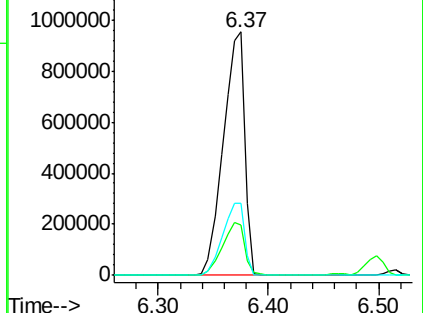
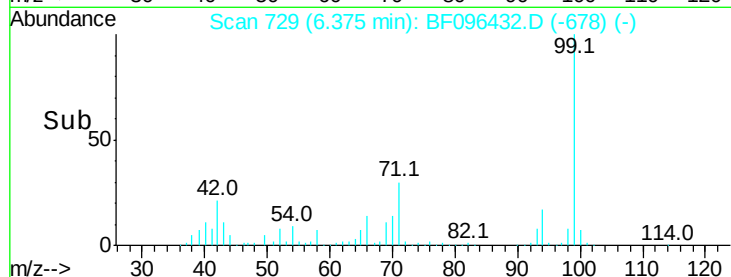
Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.5	20.3#
71	29.7	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.60 ng

RT: 6.52 min Scan# 753

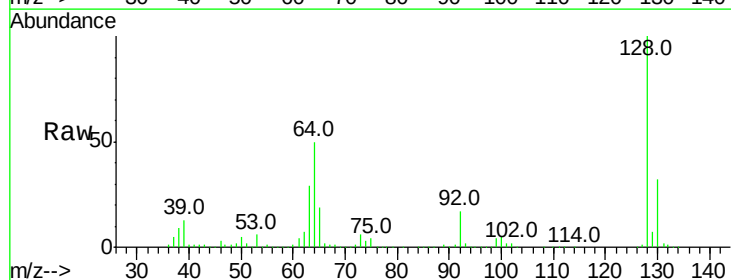
Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion: 128 Resp: 405827

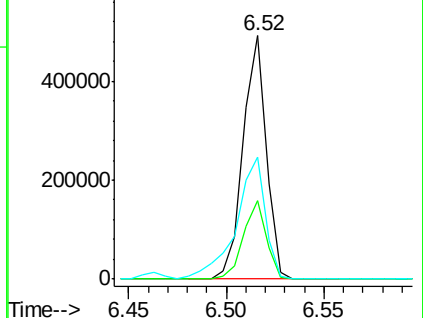
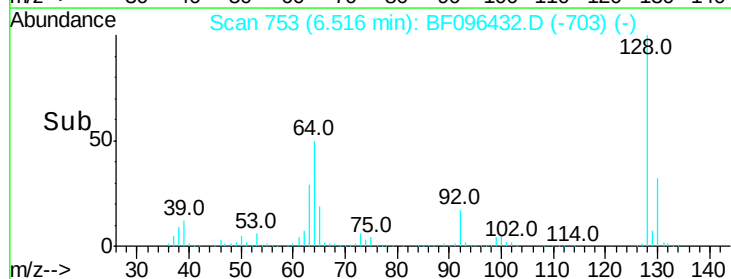
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	50.1	28.4	68.4

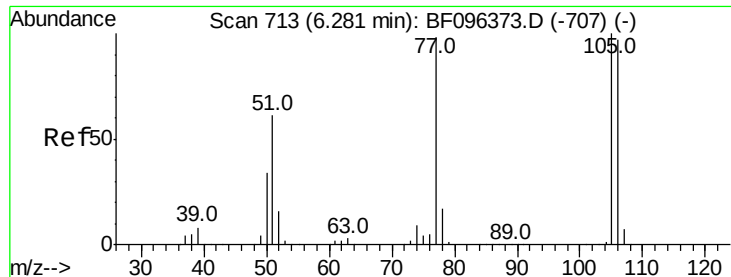


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.97 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampled :

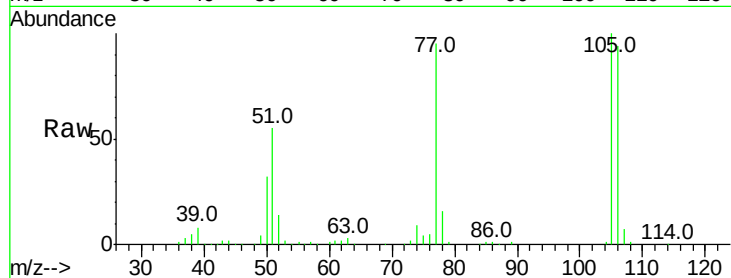
Tot Ion: 77 Resp: 130394

Ion Ratio Lower Upper

77 100

105 105.8 83.8 123.8

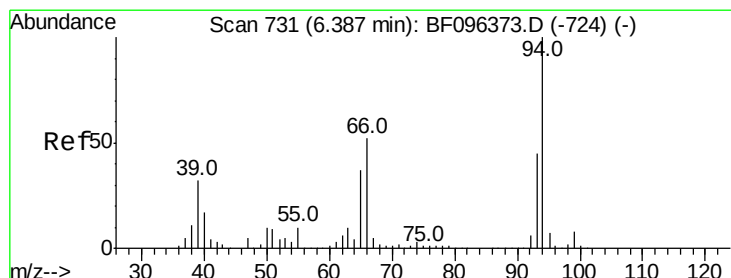
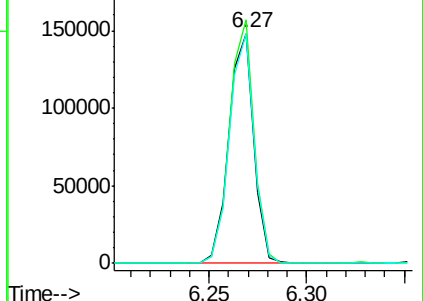
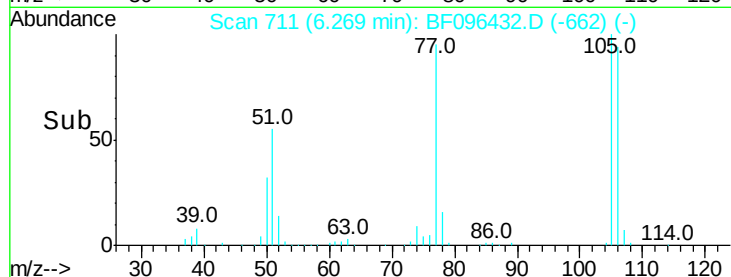
106 99.8 79.1 119.1



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: 38.90 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

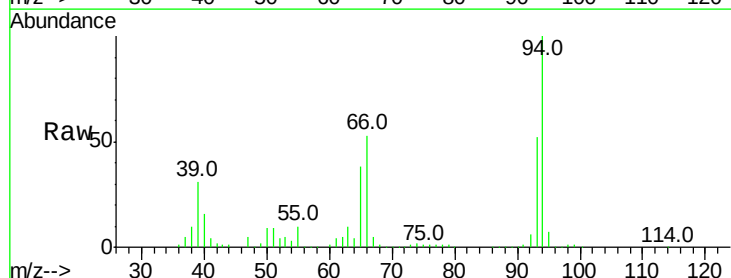
Tgt Ion: 94 Resp: 486711

Ion Ratio Lower Upper

94 100

65 37.8 9.9 49.9

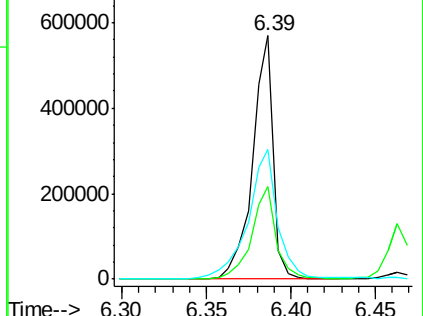
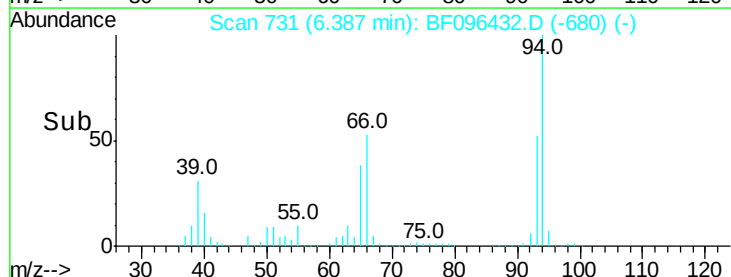
66 53.2 23.1 63.1

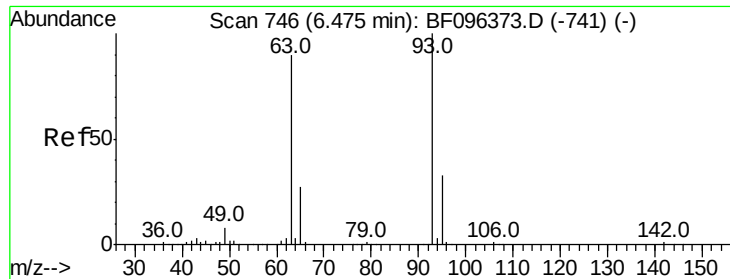


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.03 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

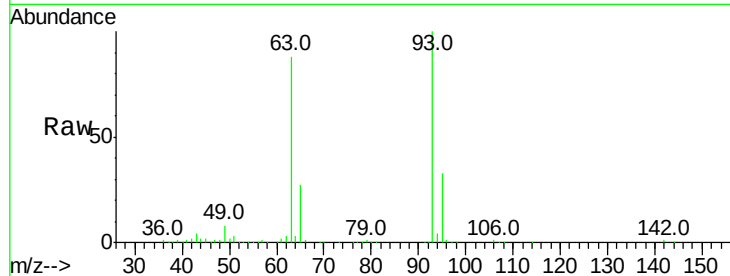
Tot Ion: 93 Resp: 406383

Ion Ratio Lower Upper

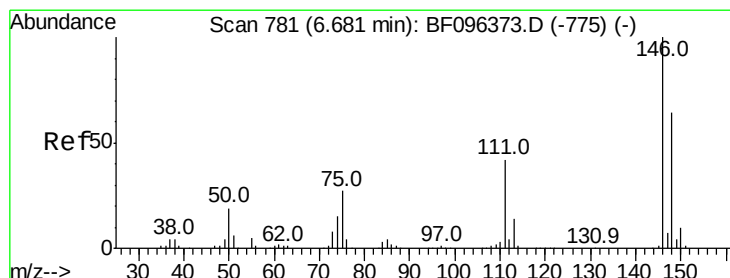
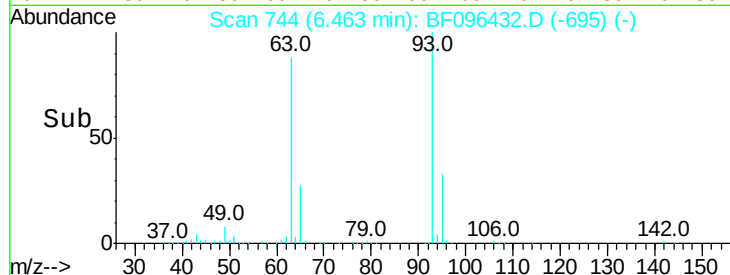
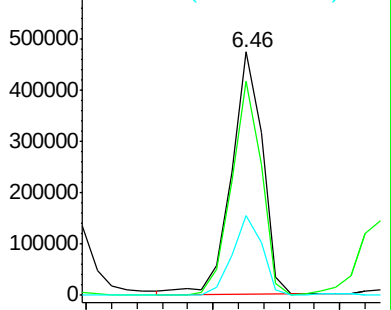
93 100

63 88.2 59.2 99.2

95 33.0 12.8 52.8



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



#12

1,3-Dichlorobenzene

Concen: 42.67 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

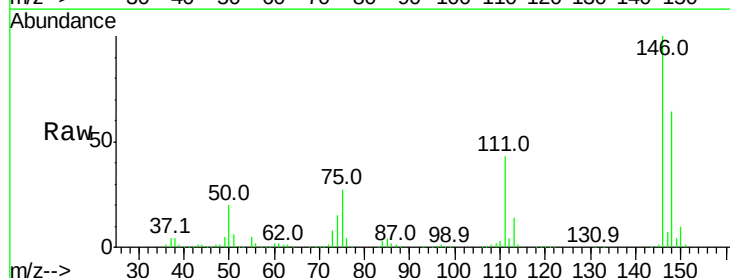
Tgt Ion: 146 Resp: 426216

Ion Ratio Lower Upper

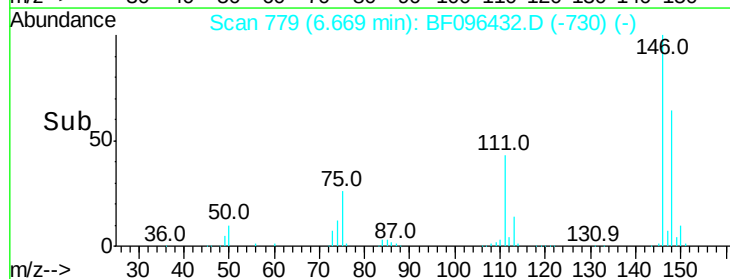
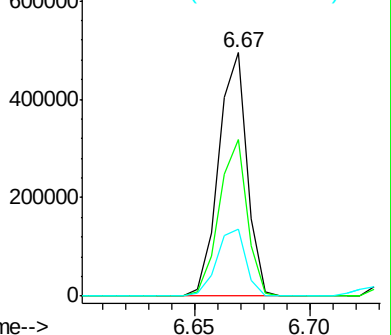
146 100

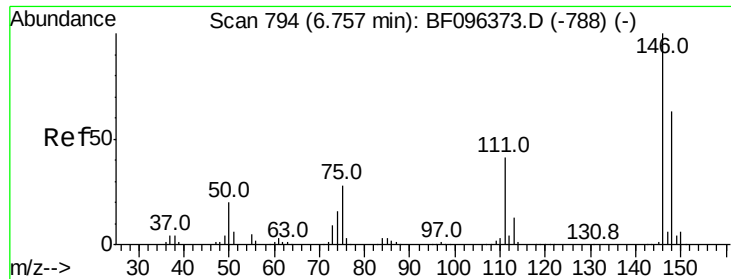
148 64.4 51.8 77.6

75 27.5 23.1 34.7



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

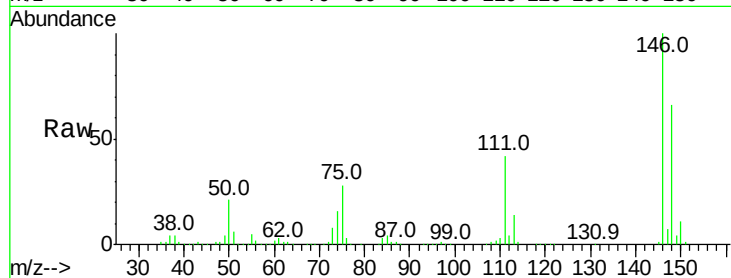




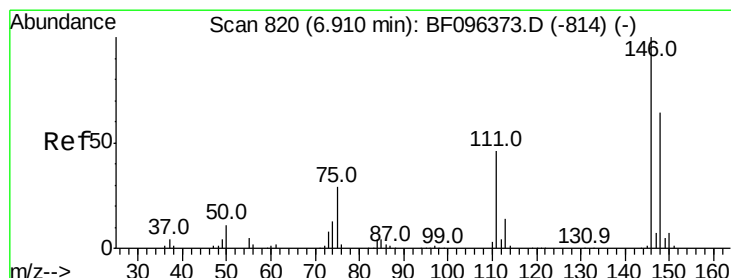
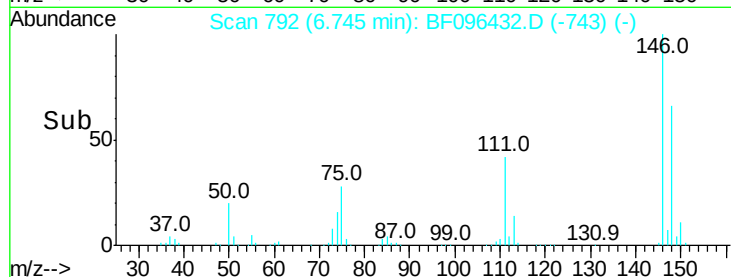
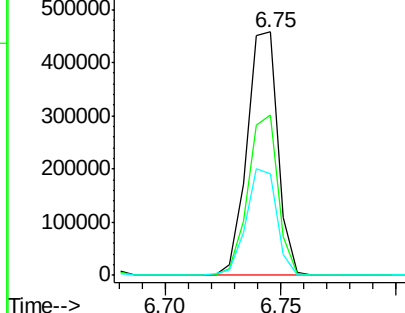
#13
 1,4-Dichlorobenzene
 Concen: 42.93 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 428602
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.2 78.2
 111 41.8 30.3 45.5

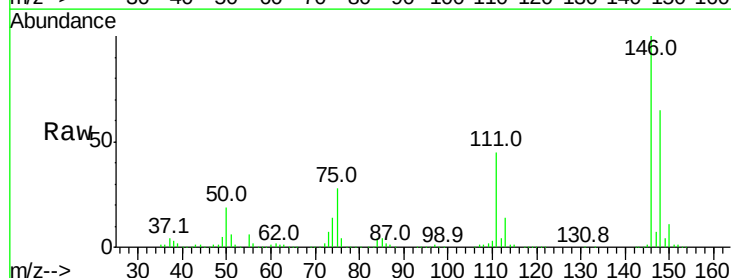


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

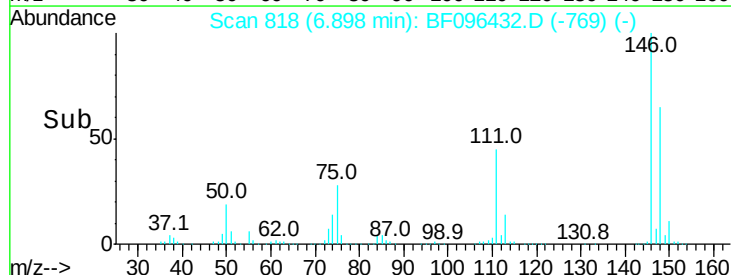
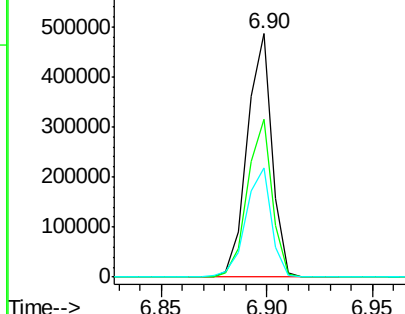


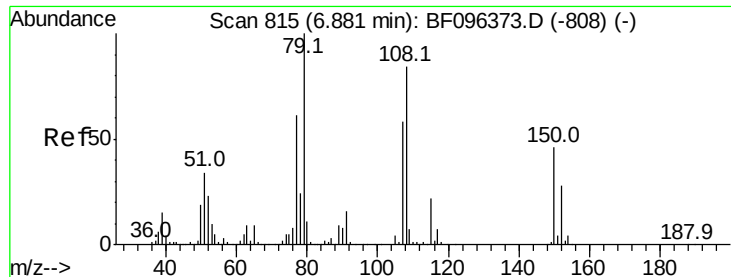
#14
 1,2-Dichlorobenzene
 Concen: 42.99 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion:146 Resp: 394064
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.4 75.6
 111 44.9 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: 45.03 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampled :

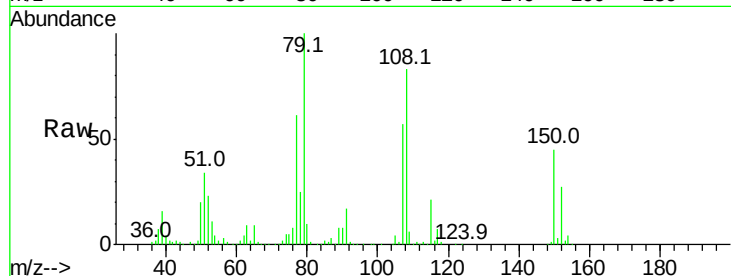
Tot Ion: 79 Resp: 330608

Ion Ratio Lower Upper

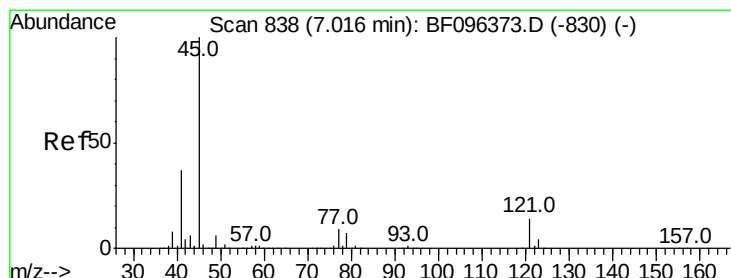
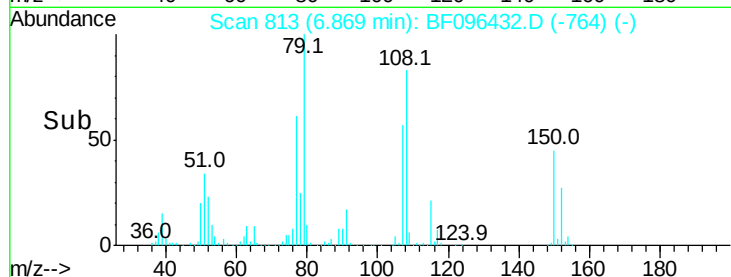
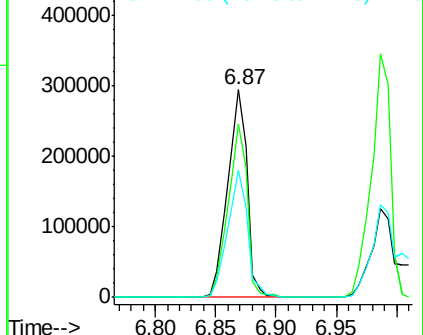
79 100

108 83.4 63.4 95.0

77 61.1 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: 42.65 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

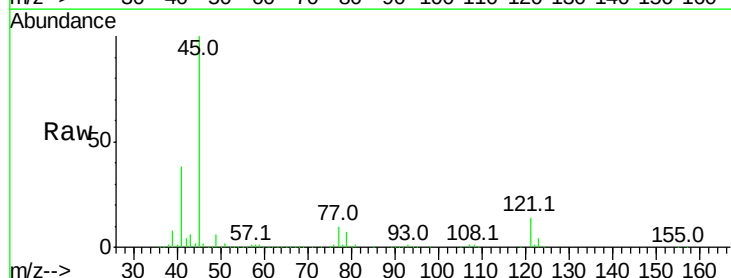
Tgt Ion: 45 Resp: 838424

Ion Ratio Lower Upper

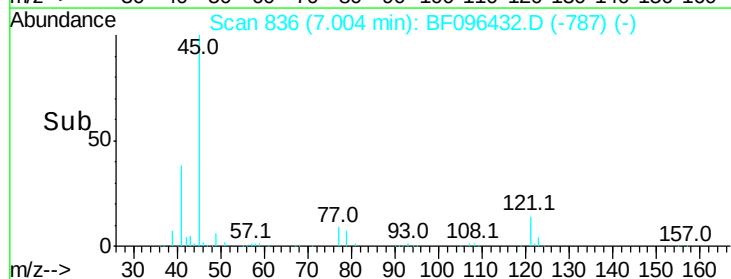
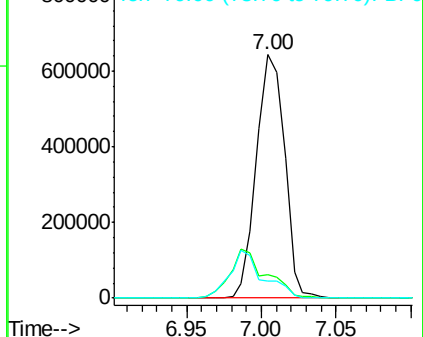
45 100

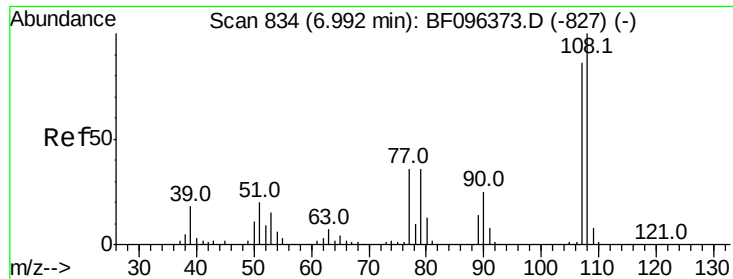
77 9.6 0.0 33.2

79 7.2 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: 42.94 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 325975

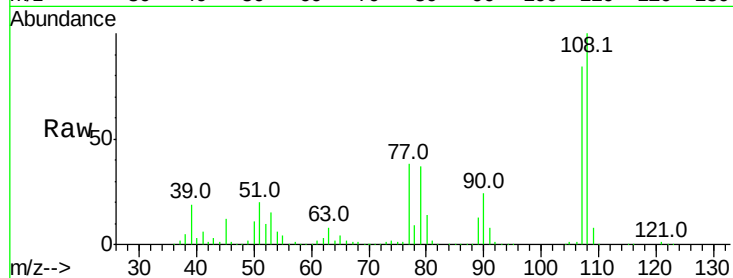
Ion Ratio Lower Upper

107 100

108 118.5 93.4 140.0

77 44.8 35.8 53.6

79 43.5 34.8 52.2

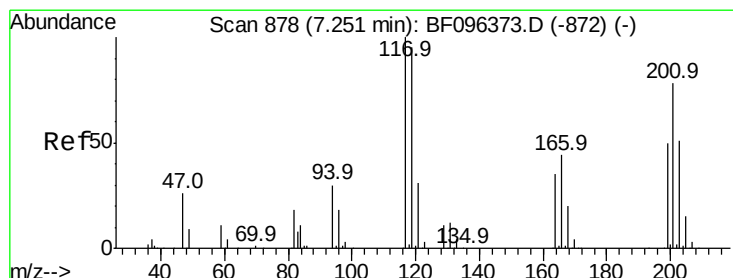
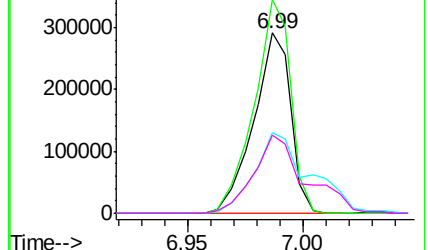
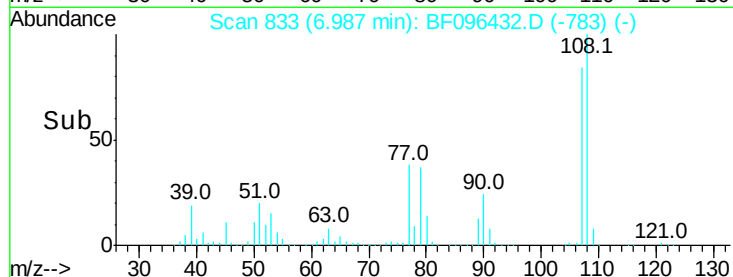


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.30 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

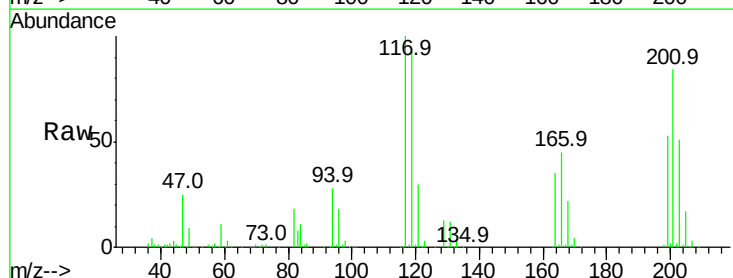
Tgt Ion:117 Resp: 156723

Ion Ratio Lower Upper

117 100

119 93.2 77.4 116.0

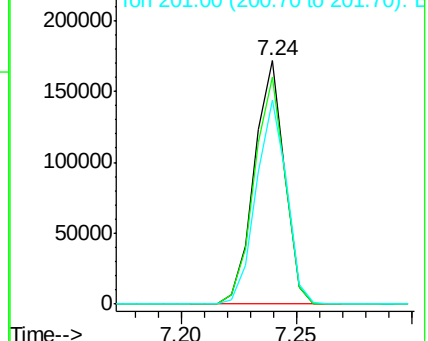
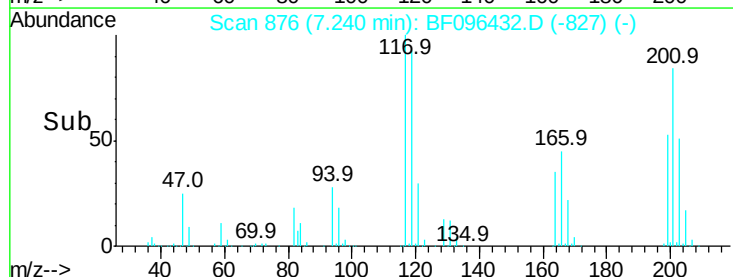
201 83.8 94.6 141.8#

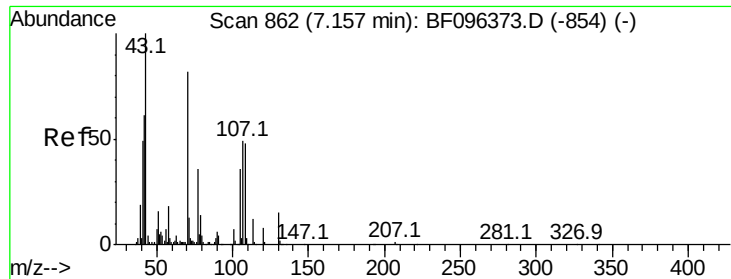


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

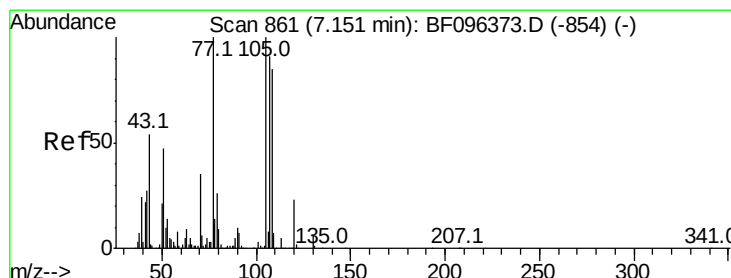
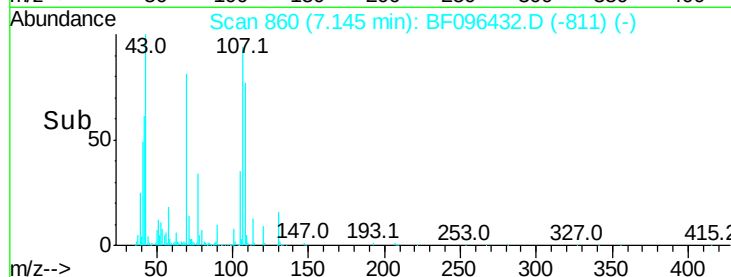
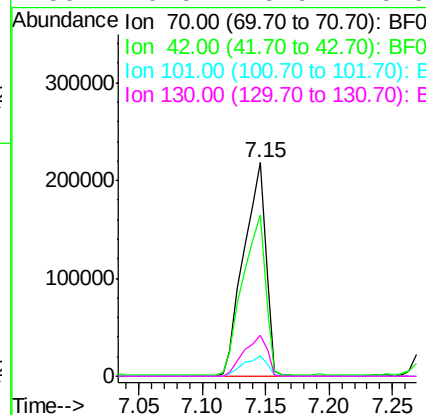
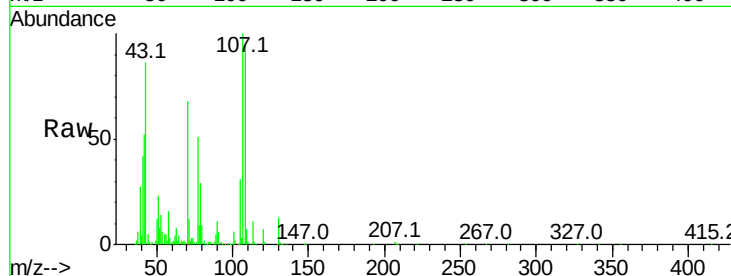




#19
n-Nitroso-di-n-propylamine
Concen: 40.46 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

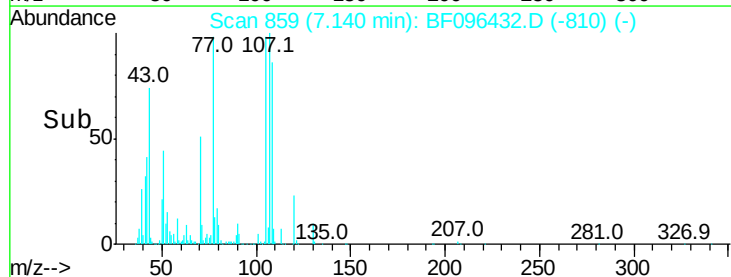
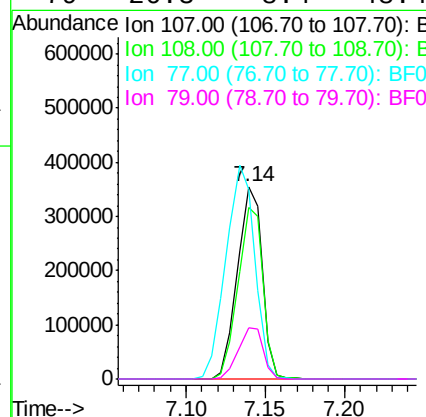
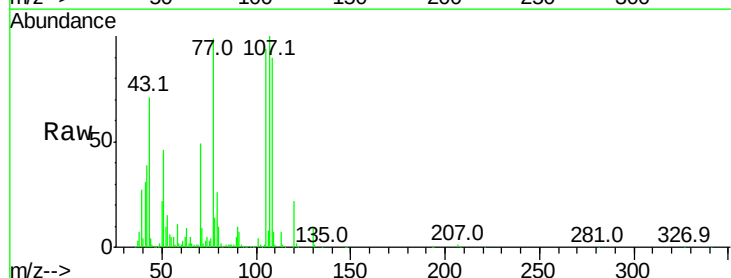
Instrument :
BNA_F
ClientSampleId :

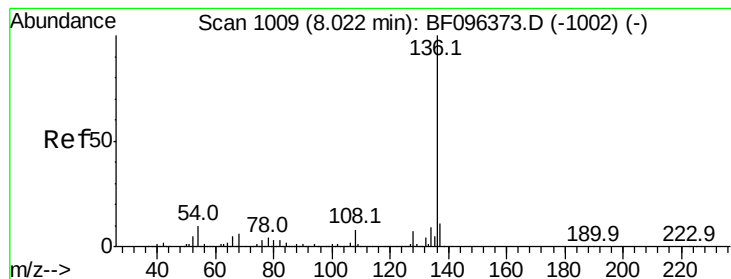
Tot Ion: 70 Resp: 264684
Ion Ratio Lower Upper
70 100
42 75.7 47.2 70.8#
101 9.4 7.2 10.8
130 19.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.37 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion:107 Resp: 384182
Ion Ratio Lower Upper
107 100
108 89.5 71.0 111.0
77 98.7 90.5 130.5
79 26.3 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: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

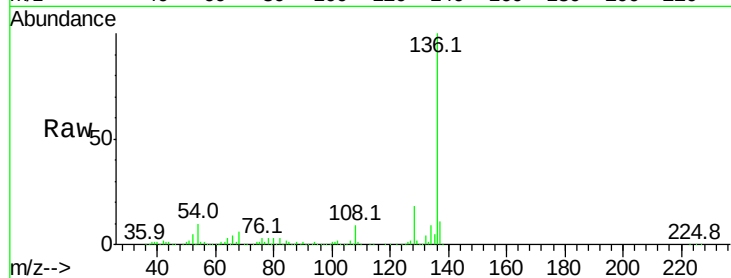
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 567978

Ion Ratio Lower Upper

136	100		
137	10.6	8.5	12.7
54	9.5	4.9	7.3#
68	5.6	4.1	6.1

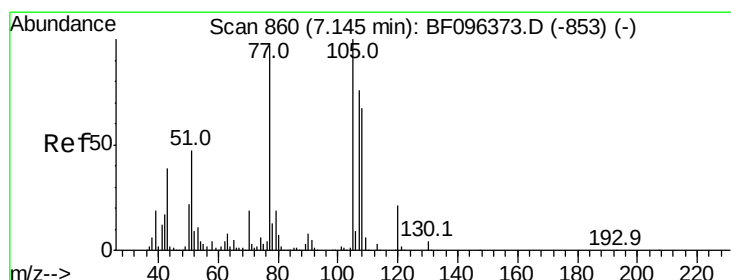
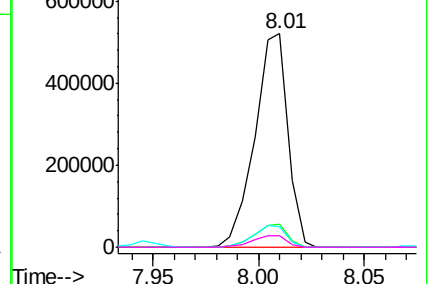
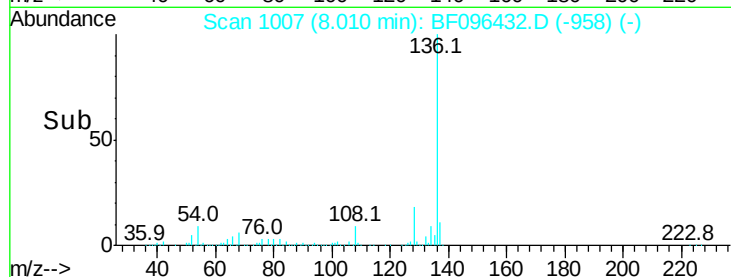


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.98 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

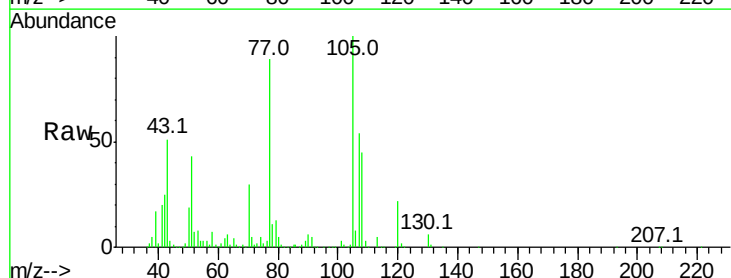
Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion:105 Resp: 520955

Ion Ratio Lower Upper

105	100		
71	5.1	2.8	4.2#
51	42.9	30.7	46.1
120	22.2	17.4	26.0

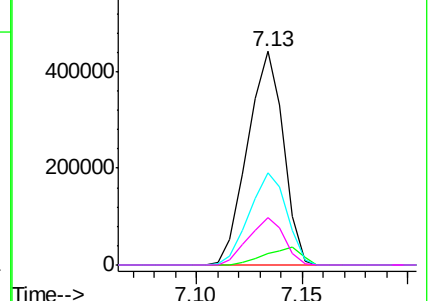
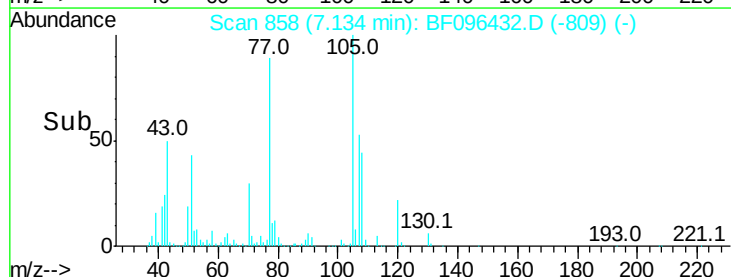


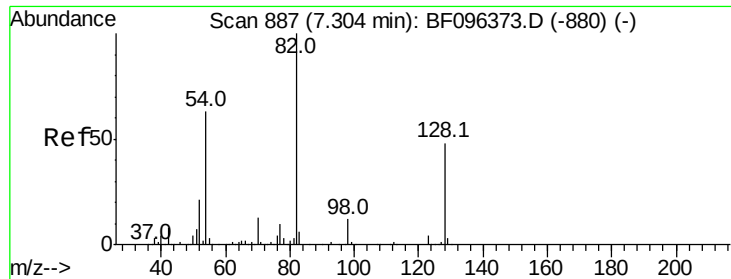
Abundance Ion 105.00 (104.70 to 105.70): E

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

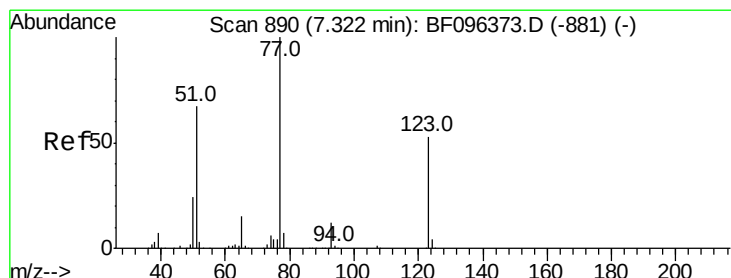
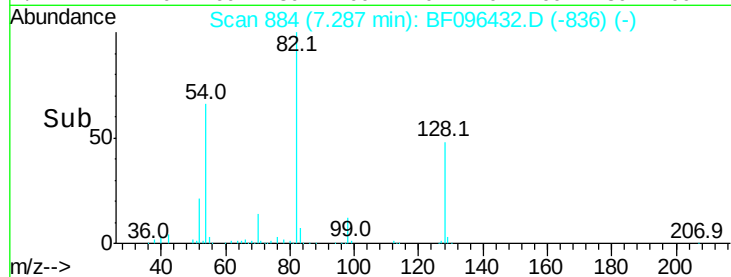
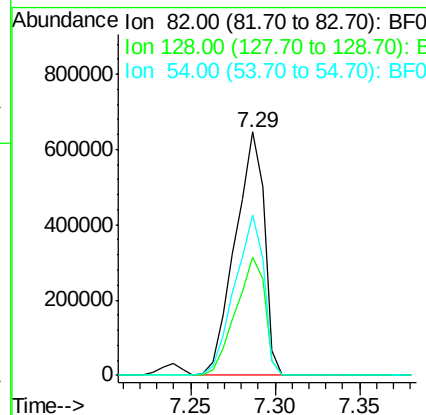
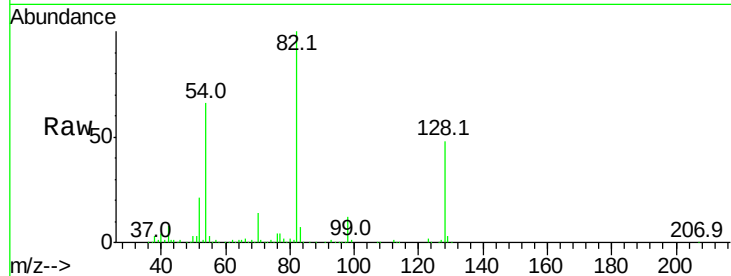




#23
 Nitrobenzene-d5
 Concen: 82.36 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

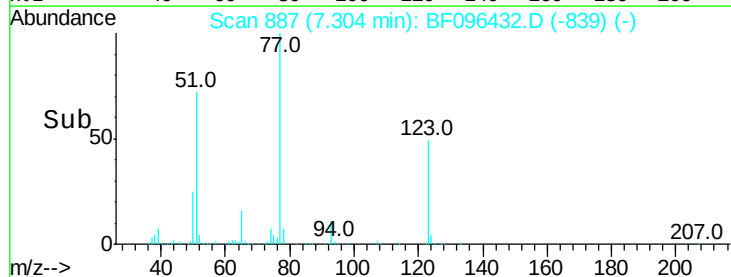
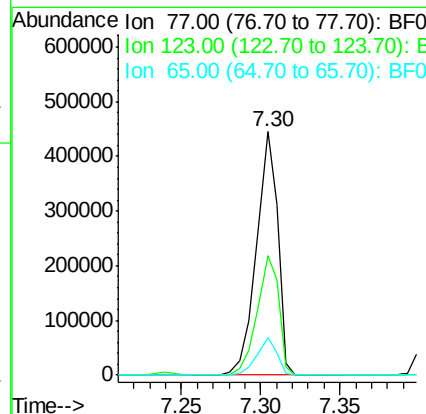
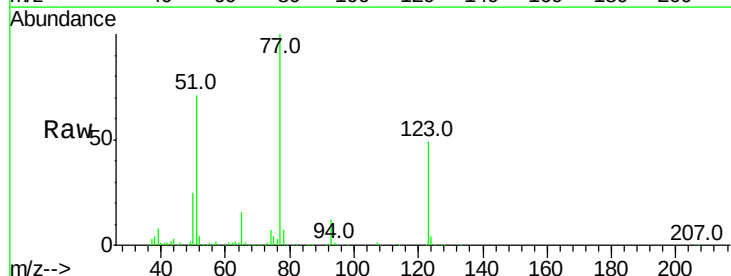
Instrument :
 BNA_F
 ClientSampleId :

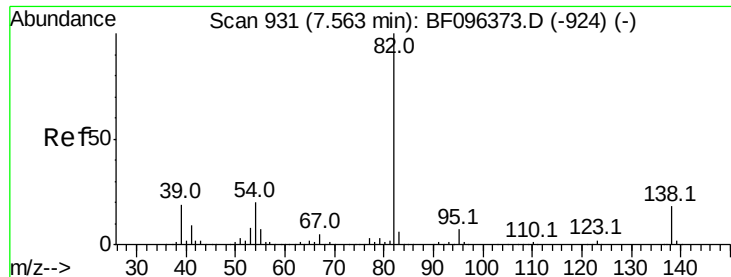
Tot Ion: 82 Resp: 778473
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.0 51.0
 54 65.8 42.2 63.2#



#24
 Nitrobenzene
 Concen: 41.78 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion: 77 Resp: 414248
 Ion Ratio Lower Upper
 77 100
 123 49.1 35.8 53.8
 65 15.6 10.6 15.8





#25

Isophorone

Concen: 36.96 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampled :

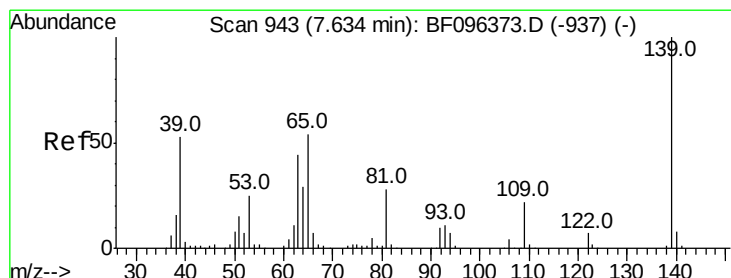
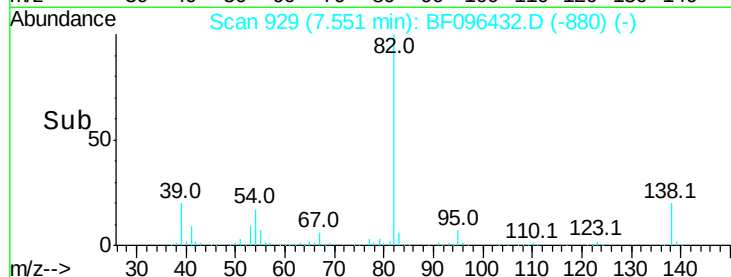
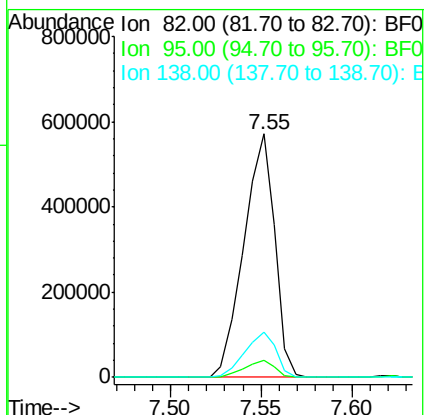
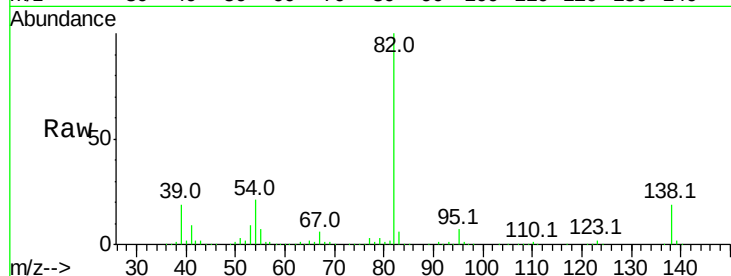
Tot Ion: 82 Resp: 677288

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.5 13.1 19.7



#26

2-Nitrophenol

Concen: 43.32 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

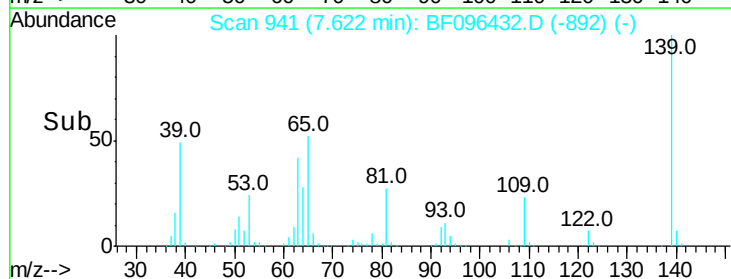
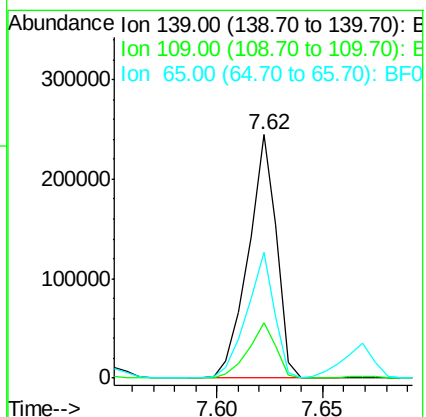
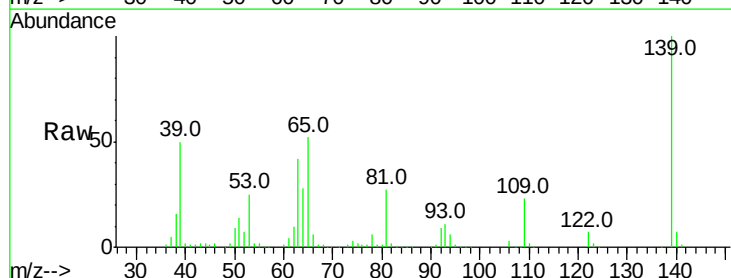
Tgt Ion: 139 Resp: 227342

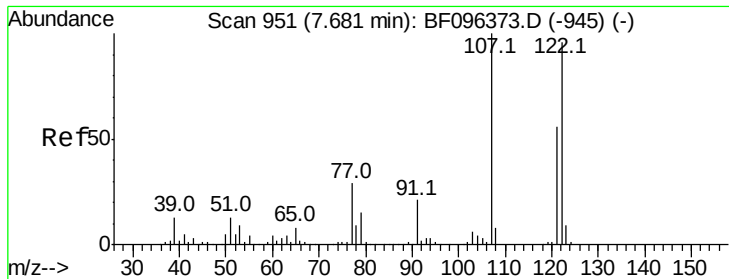
Ion Ratio Lower Upper

139 100

109 23.0 21.0 31.6

65 51.5 33.0 49.6#

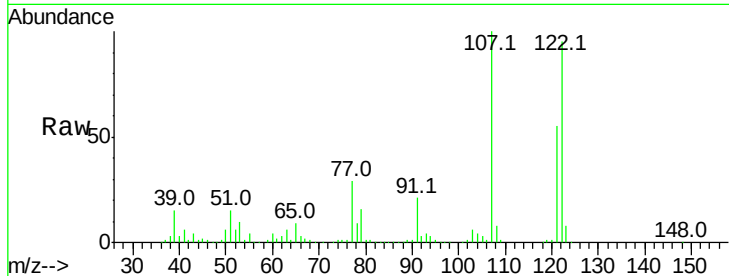




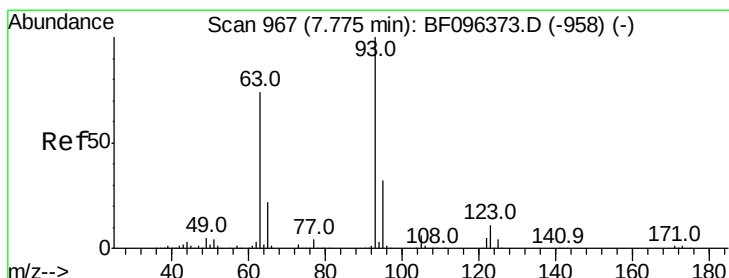
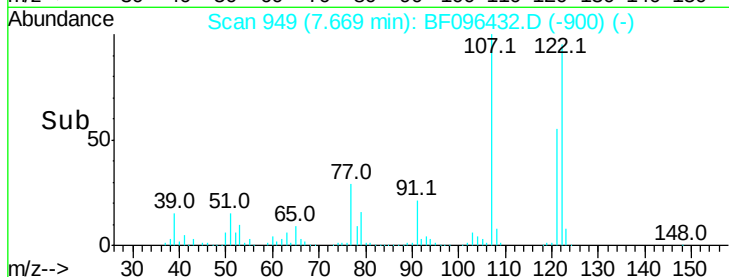
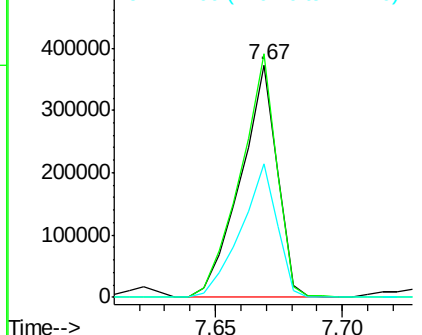
#27
2,4-Dimethylphenol
Concen: 41.89 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 374392
Ion Ratio Lower Upper
122 100
107 104.8 89.2 133.8
121 57.6 45.2 67.8

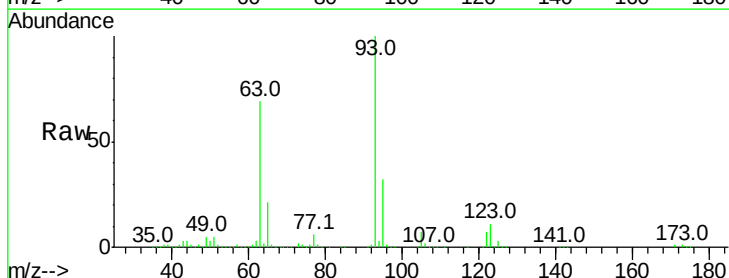


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

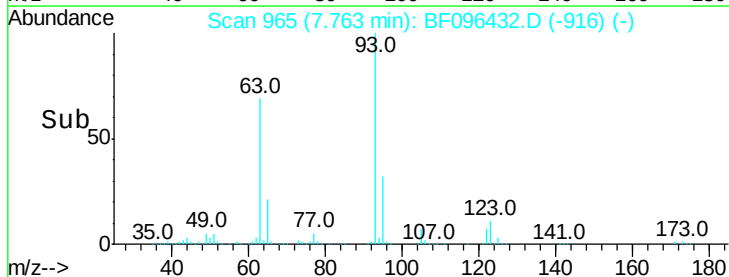
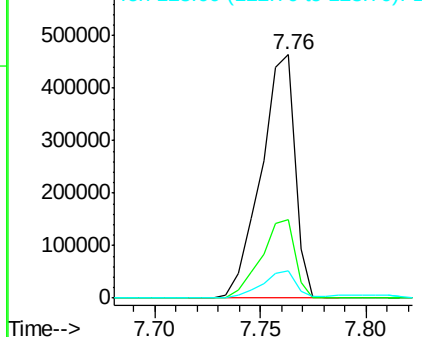


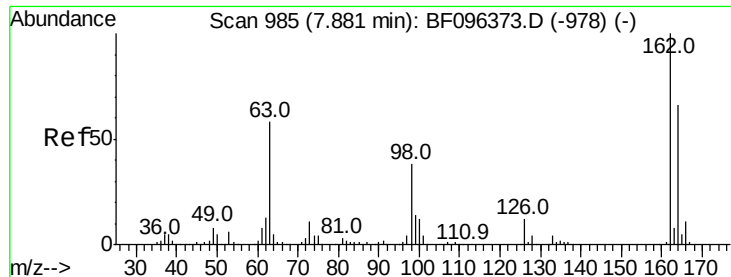
#28
bis(2-Chloroethoxy)methane
Concen: 42.88 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion: 93 Resp: 518706
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.1 9.0 13.4



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

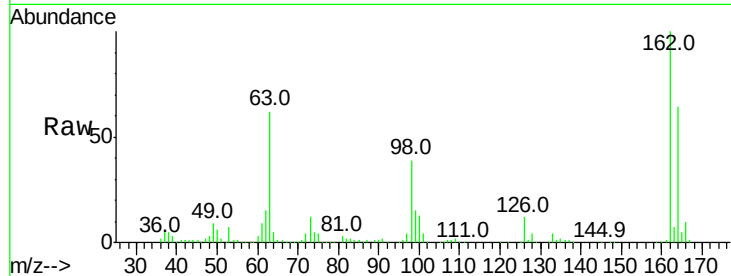




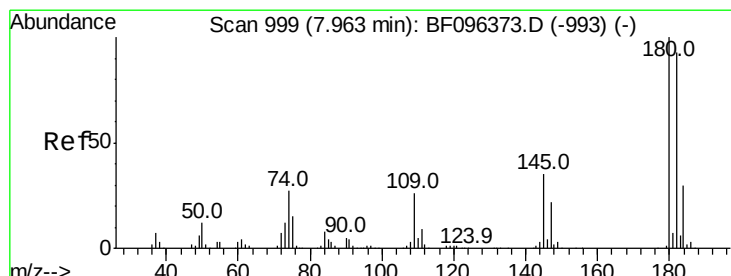
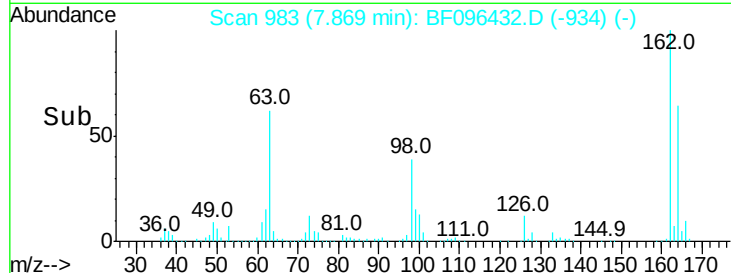
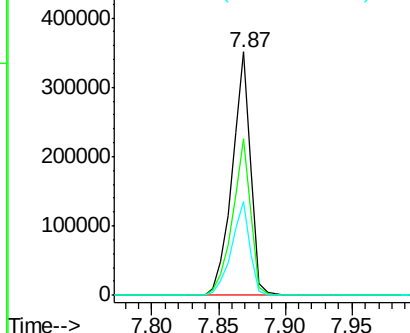
#29
2,4-Dichlorophenol
Concen: 44.10 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 340016
Ion Ratio Lower Upper
162 100
164 64.1 44.6 84.6
98 38.7 14.8 54.8

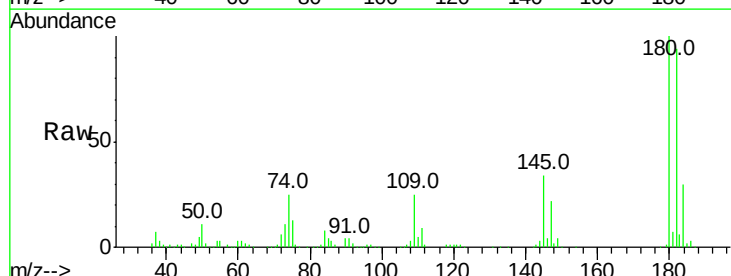


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

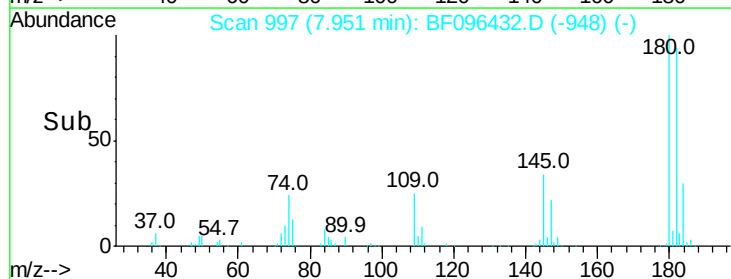
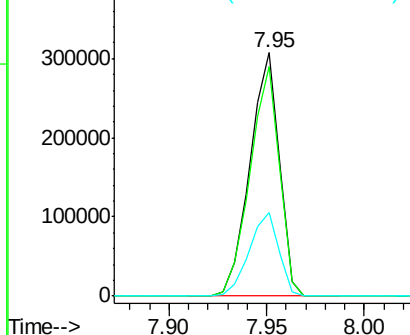


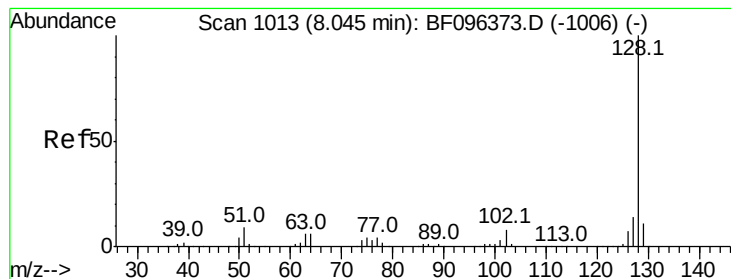
#30
1,2,4-Trichlorobenzene
Concen: 44.01 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion:180 Resp: 320071
Ion Ratio Lower Upper
180 100
182 94.3 75.8 113.6
145 34.3 25.3 37.9



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





#31

Naphthalene

Concen: 42.98 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

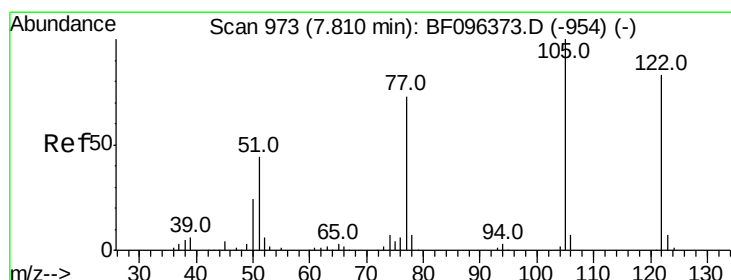
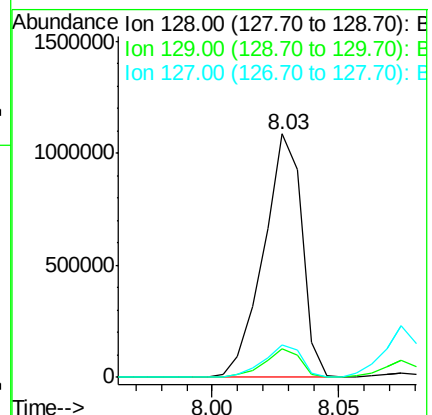
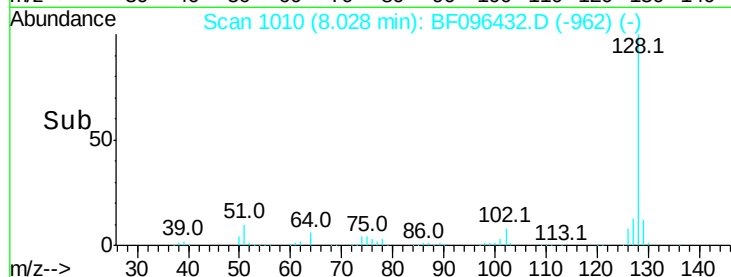
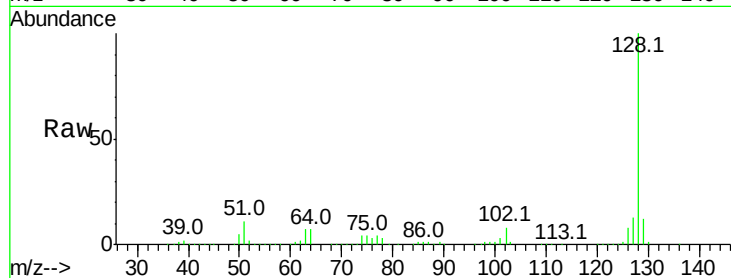
Tot Ion:128 Resp: 1152490

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 31.30 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

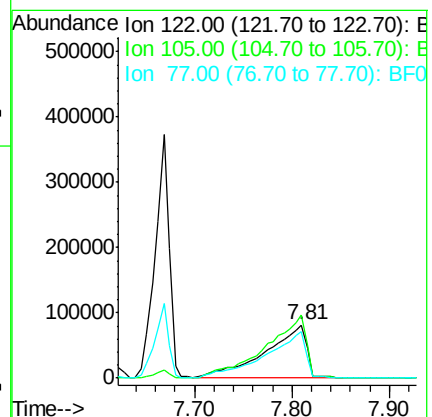
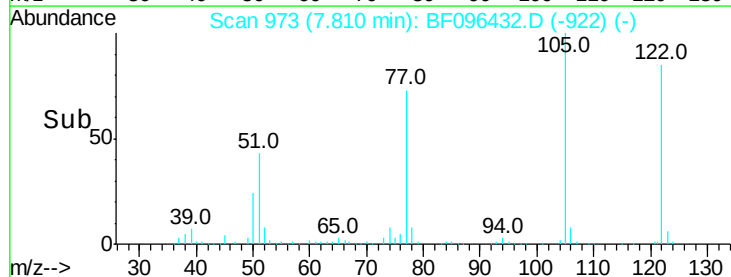
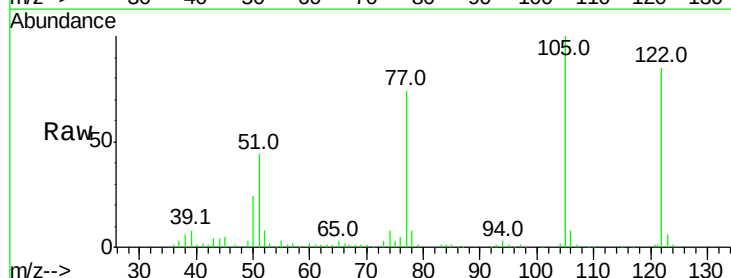
Tgt Ion:122 Resp: 234929

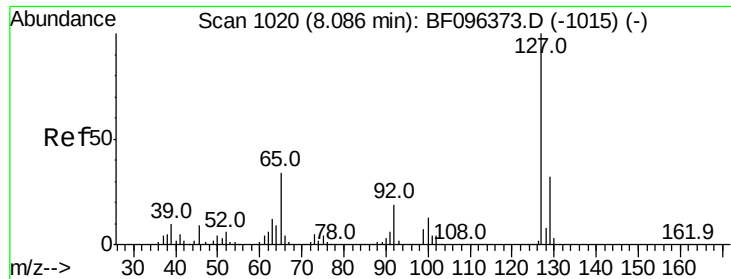
Ion Ratio Lower Upper

122 100

105 118.3 103.3 143.3

77 87.2 73.7 113.7

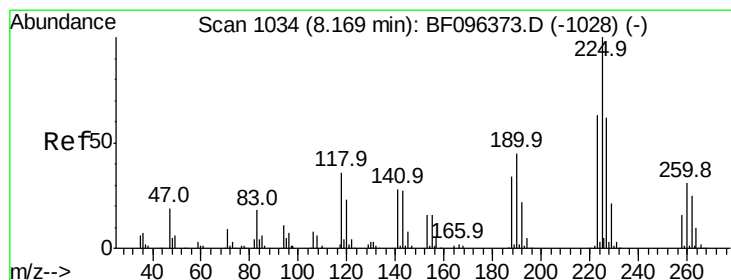
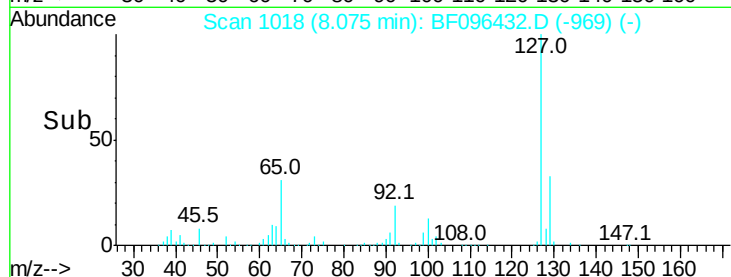
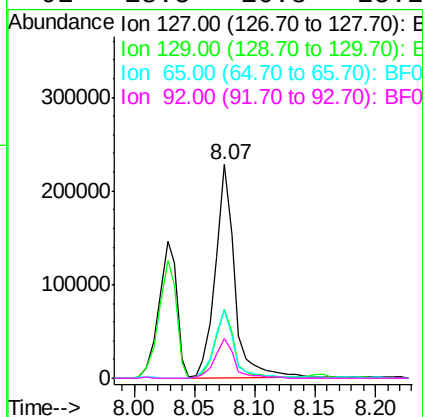
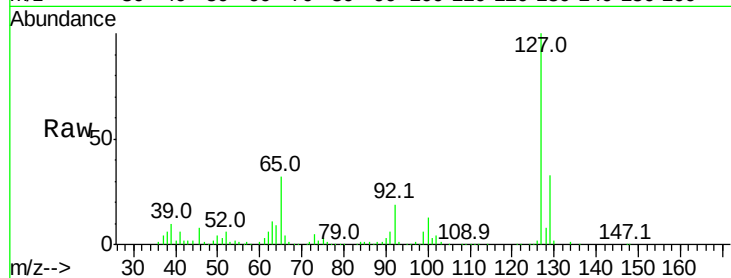




#33
 4-Chloroaniline
 Concen: 22.30 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

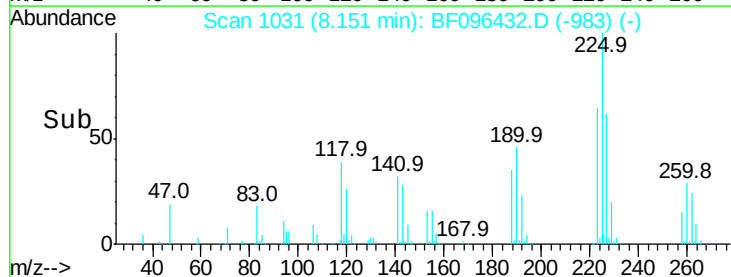
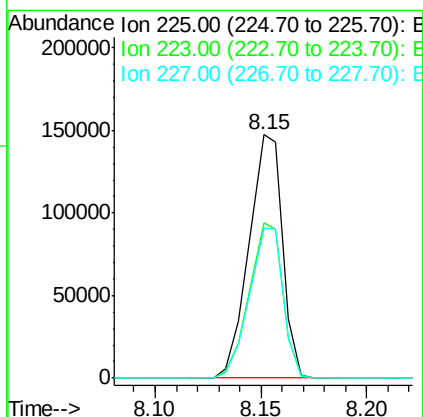
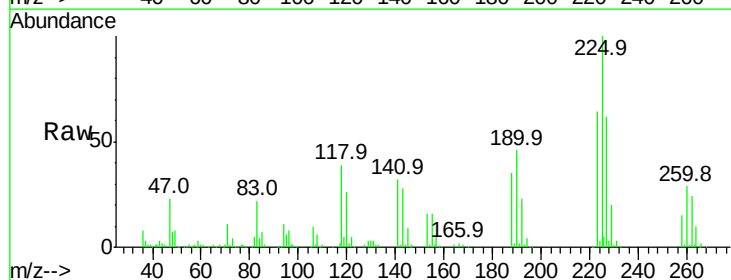
Instrument :
 BNA_F
 ClientSampleId :

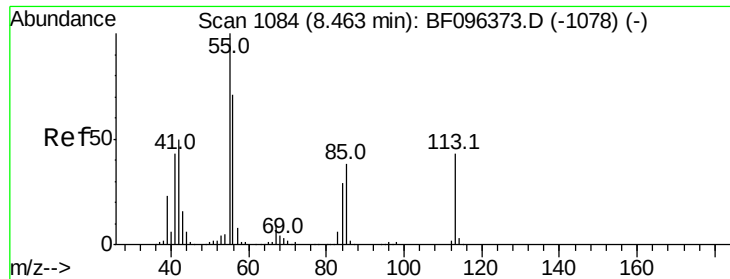
Tot Ion:	127	Resp:	248403
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	32.0	27.8	41.8
92	18.5	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 43.55 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion:	225	Resp:	162476
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.8	73.2
227	61.8	51.1	76.7





#35

Caprolactam

Concen: 28.12 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampled :

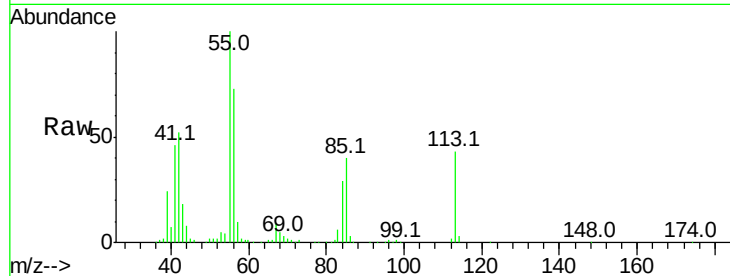
Tot Ion:113 Resp: 74764

Ion Ratio Lower Upper

113 100

55 231.6 150.2 190.2#

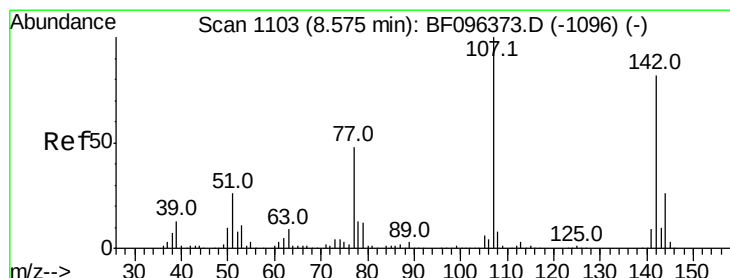
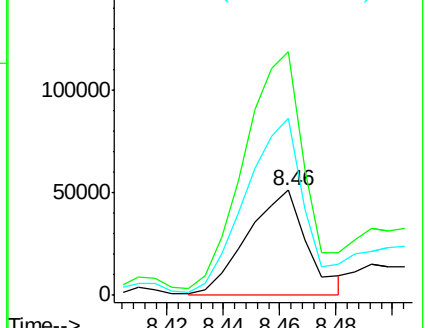
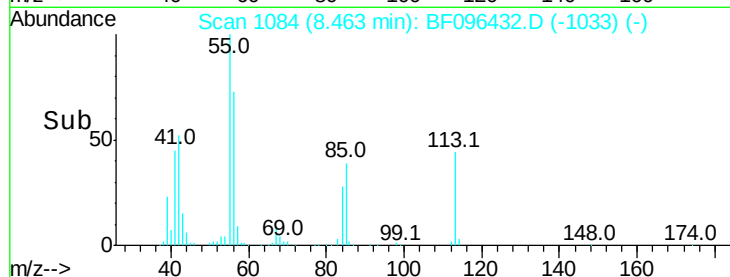
56 168.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.69 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

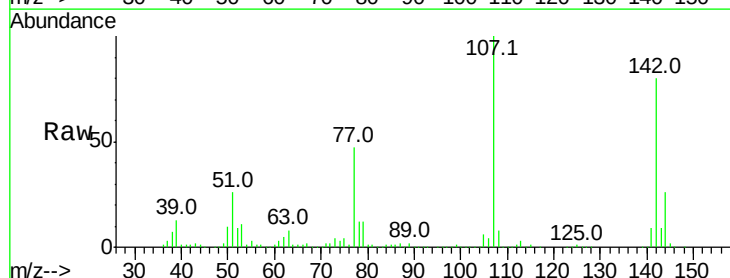
Tgt Ion:107 Resp: 355694

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

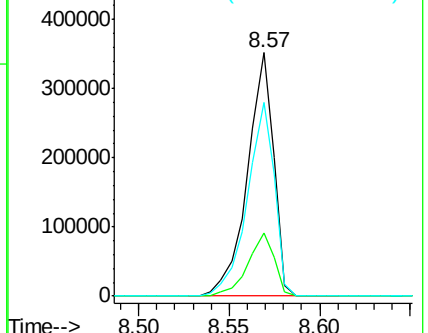
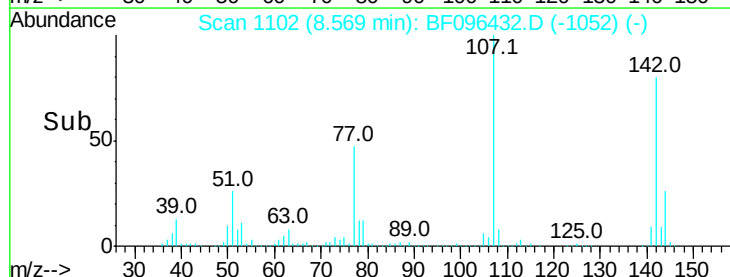
142 79.7 73.4 110.0

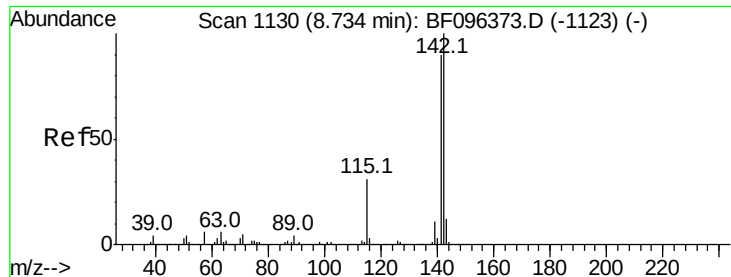


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.76 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

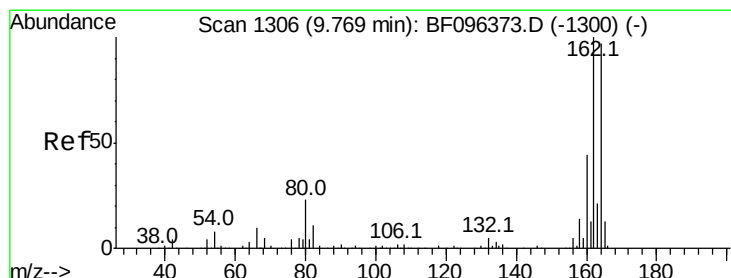
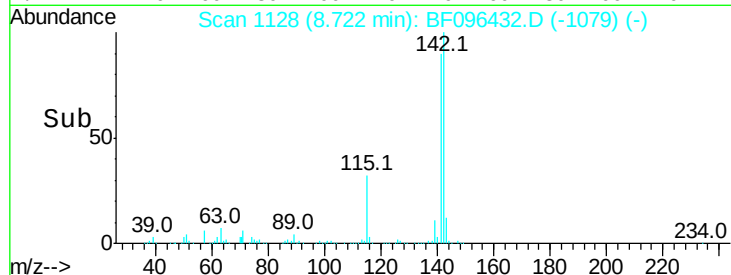
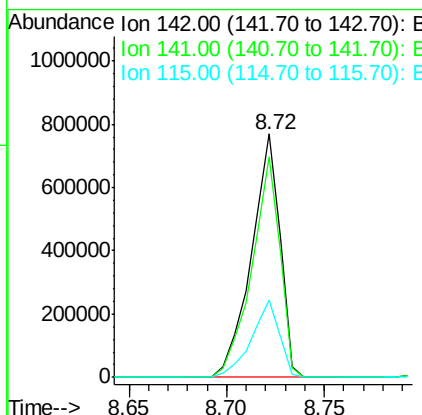
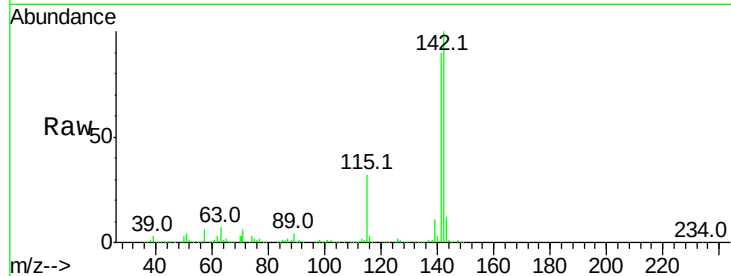
Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 781115

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.3	106.9
115	31.7	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 1304

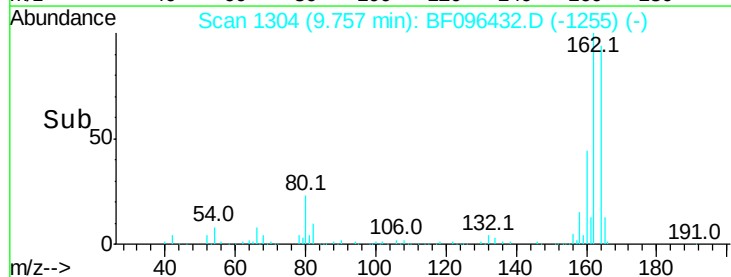
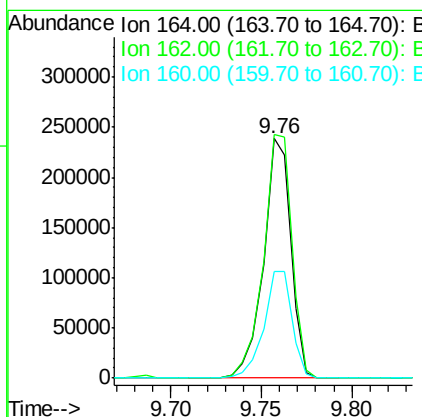
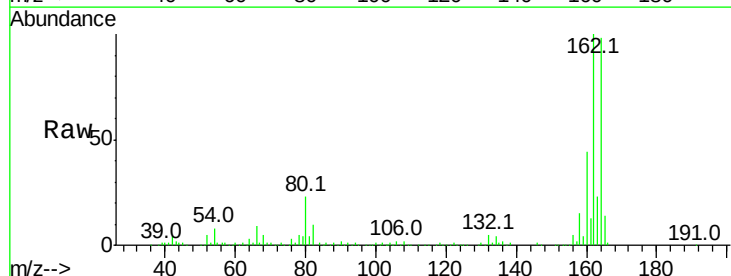
Delta R.T. -0.01 min

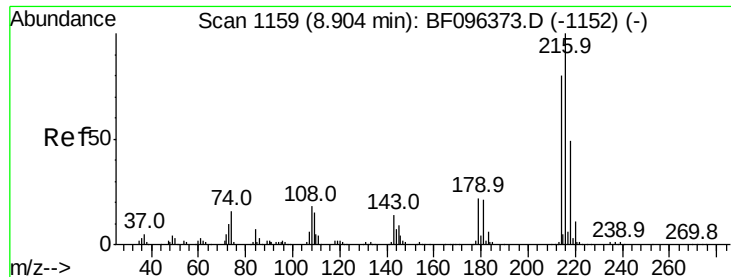
Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Tgt Ion:164 Resp: 250345

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	44.5	36.2	54.2

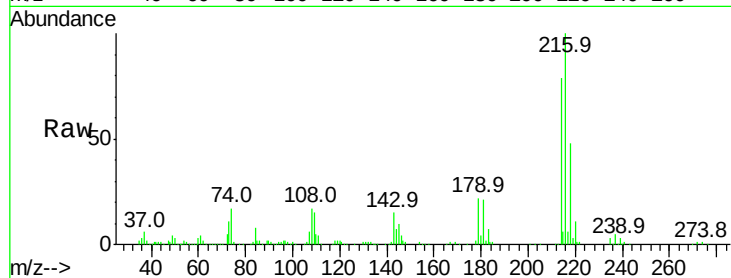




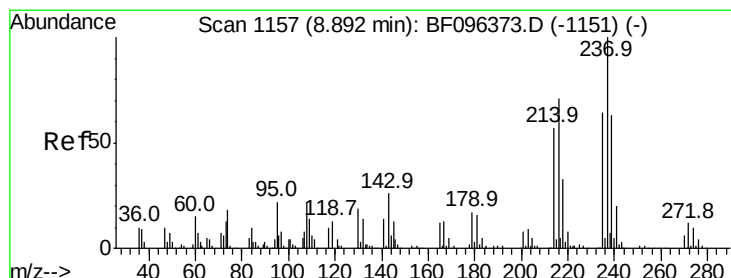
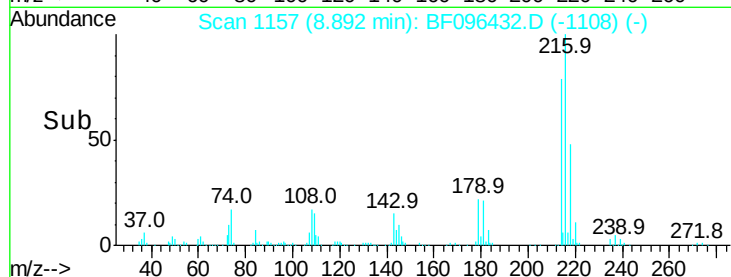
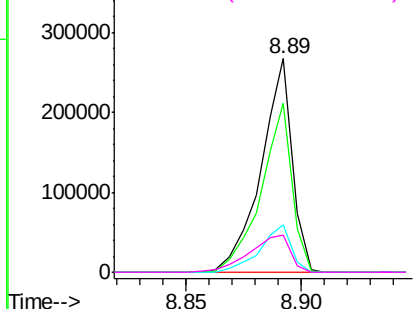
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.57 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	250713
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.2
179	22.4	17.9	26.9
108	23.0	16.5	24.7

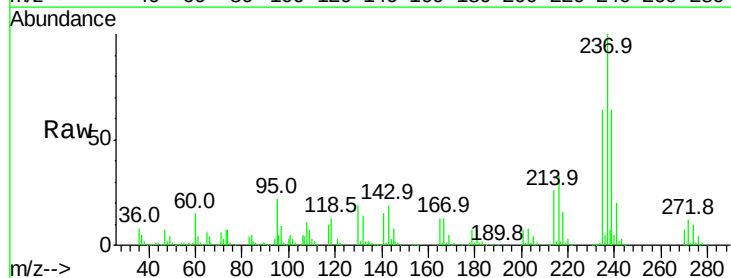


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

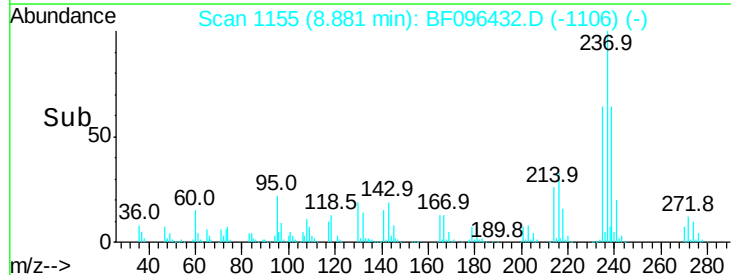
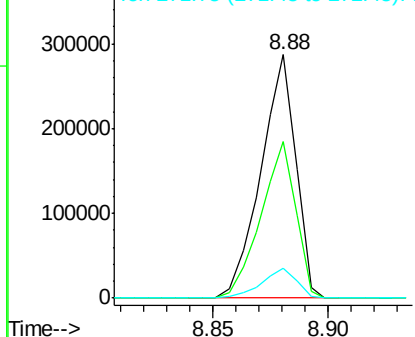


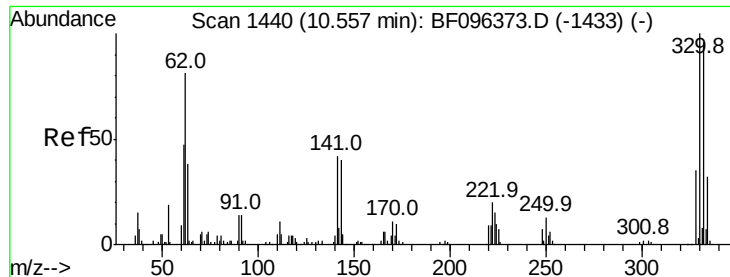
#40
 Hexachlorocyclopentadiene
 Concen: 95.40 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion:	237	Resp:	301534
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.6	82.6
272	12.4	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

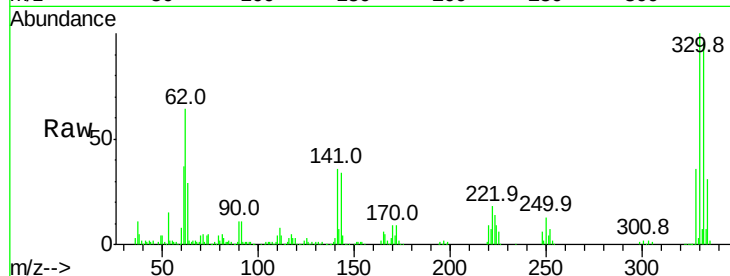




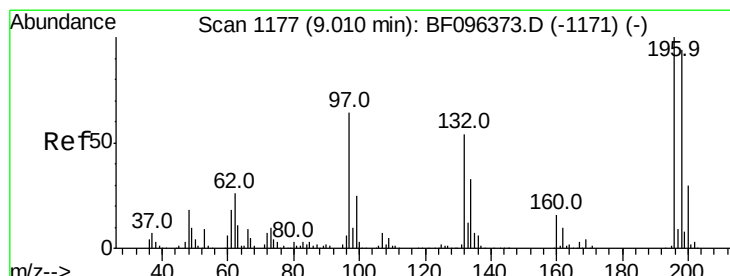
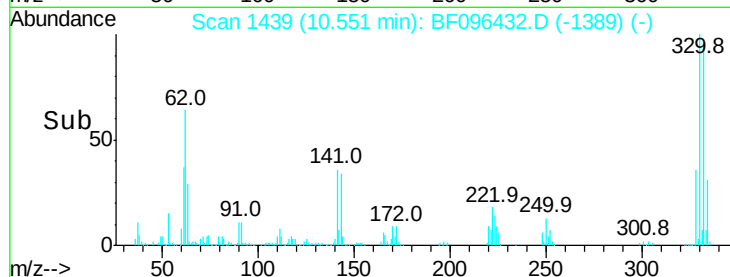
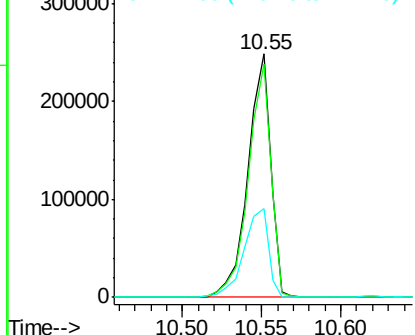
#41
 2,4,6-Tribromophenol
 Concen: 127.32 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 248979
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 39.4 31.4 47.2

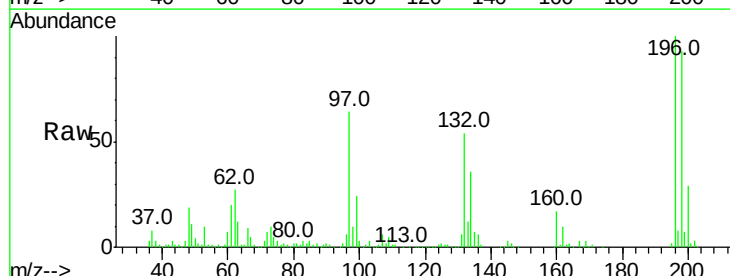


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

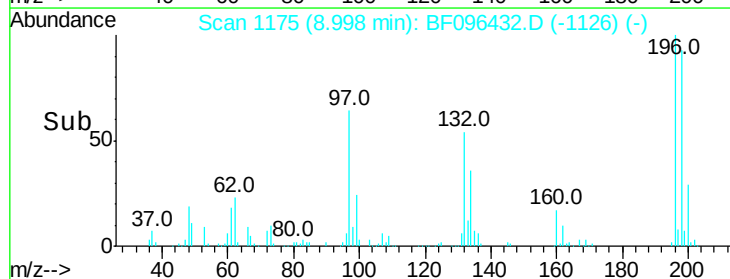
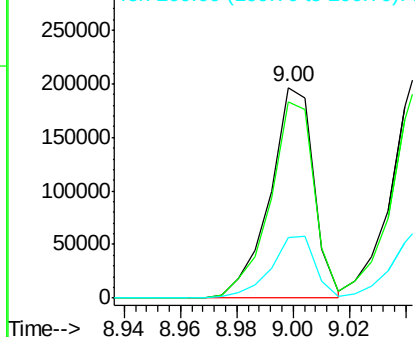


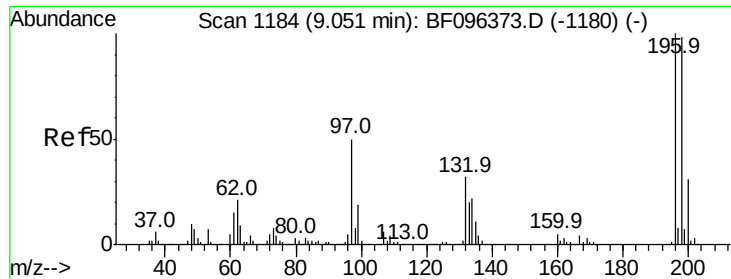
#42
 2,4,6-Trichlorophenol
 Concen: 41.25 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion:196 Resp: 212140
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.2 111.4
 200 28.8 24.0 36.0



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

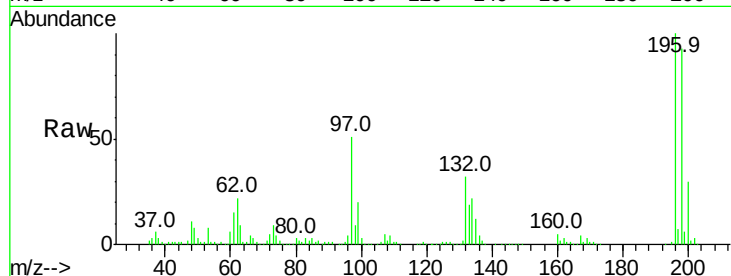




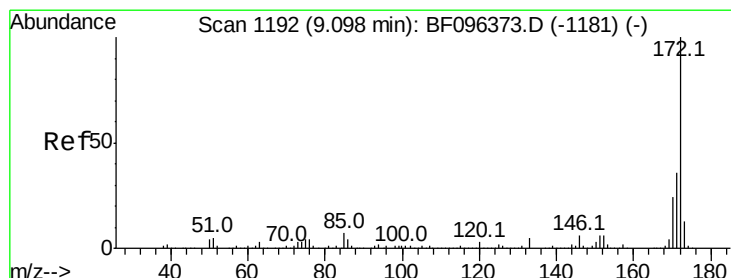
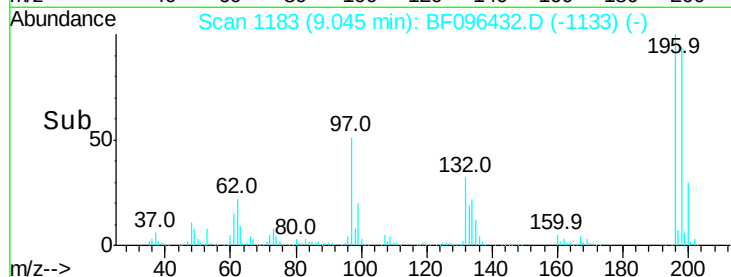
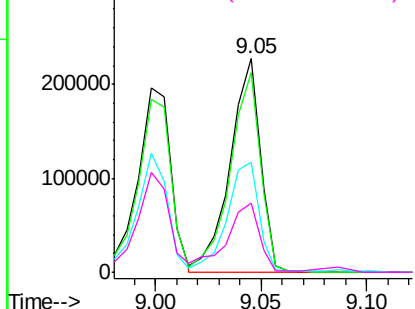
#43
 2,4,5-Trichlorophenol
 Concen: 44.34 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 225426
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.7 113.5
 97 51.4 47.7 71.5
 132 32.1 28.0 42.0

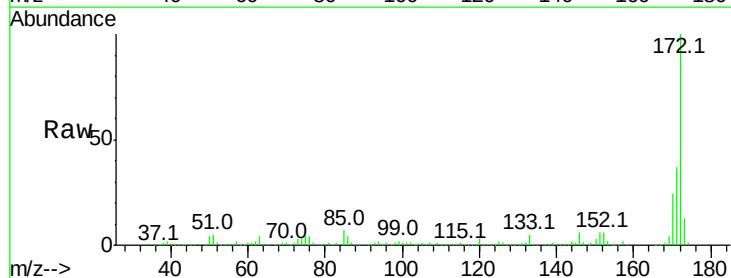


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

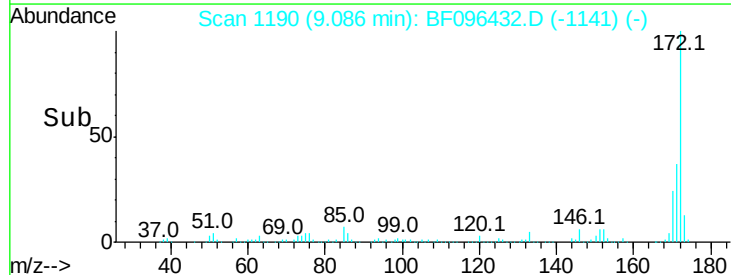
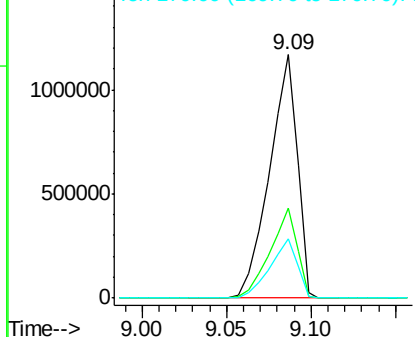


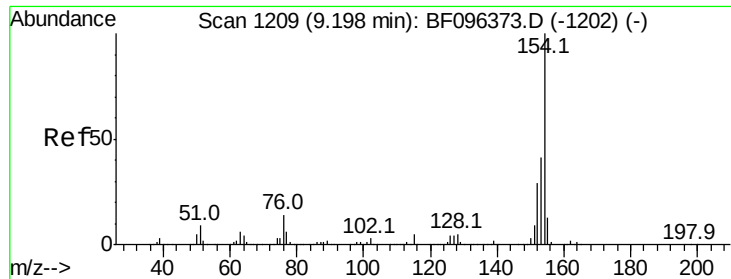
#44
 2-Fluorobiphenyl
 Concen: 89.88 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion:172 Resp: 1316050
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.1 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 40.11 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampled :

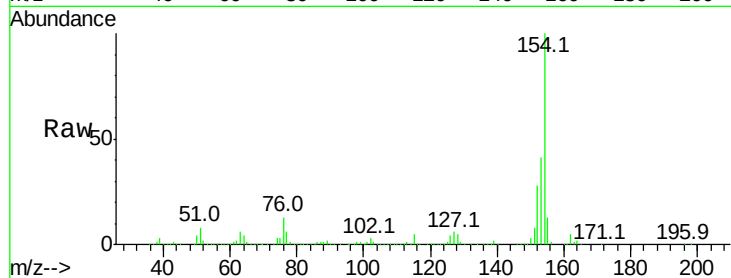
Tot Ion:154 Resp: 860438

Ion Ratio Lower Upper

154 100

153 41.4 21.2 61.2

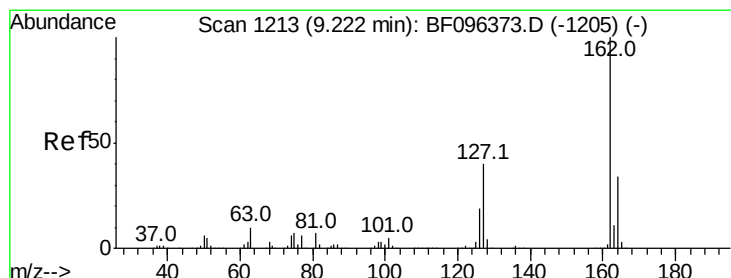
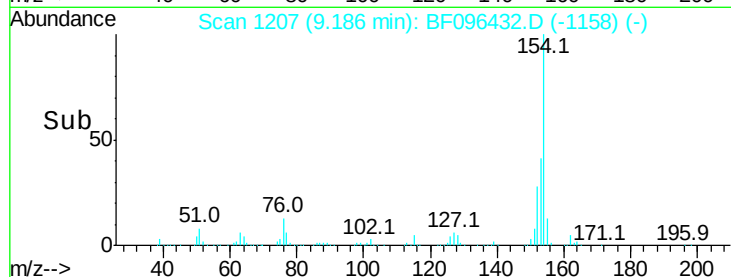
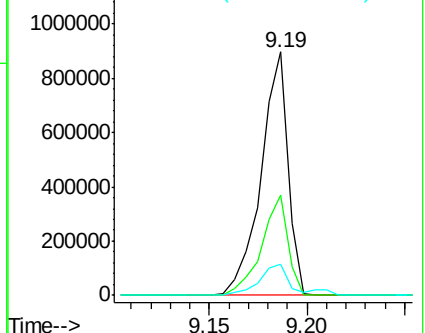
76 12.7 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.54 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

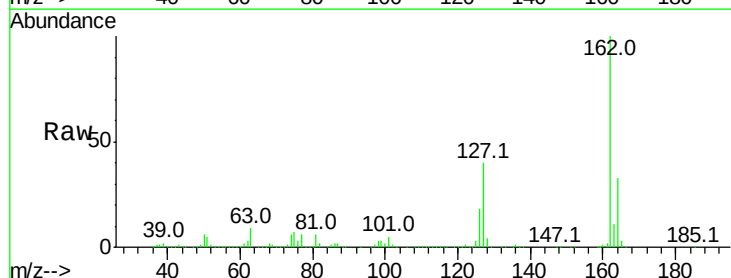
Tgt Ion:162 Resp: 632127

Ion Ratio Lower Upper

162 100

127 40.3 28.3 42.5

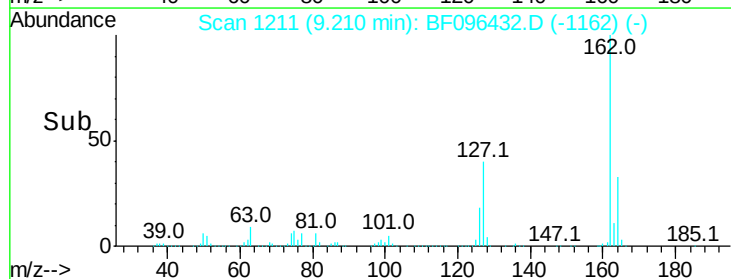
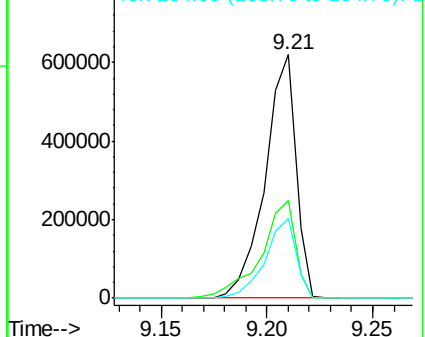
164 32.7 27.0 40.4

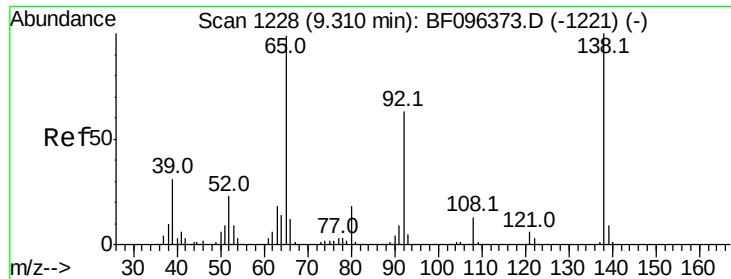


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

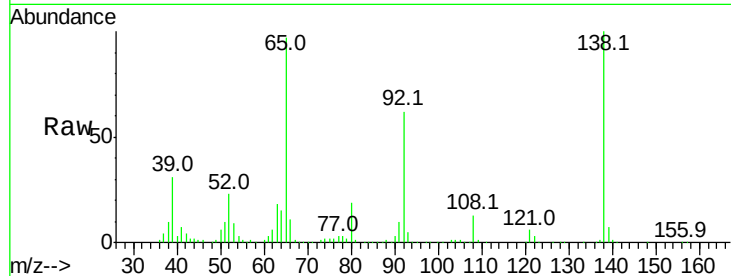




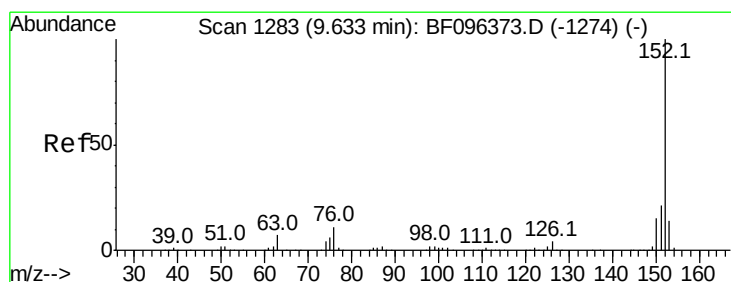
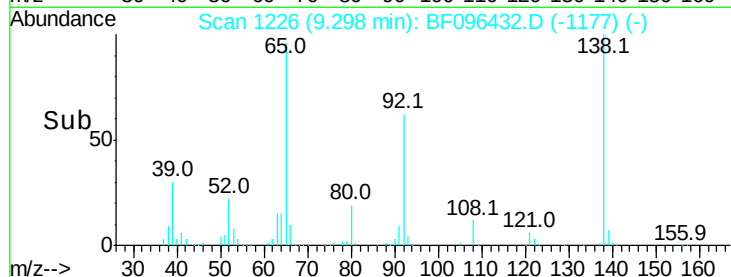
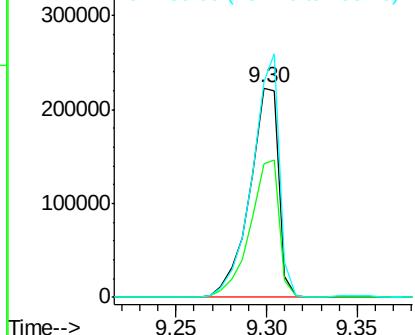
#47
2-Nitroaniline
Concen: 42.81 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 248993
Ion Ratio Lower Upper
65 100
92 63.8 53.9 80.9
138 103.1 78.8 118.2

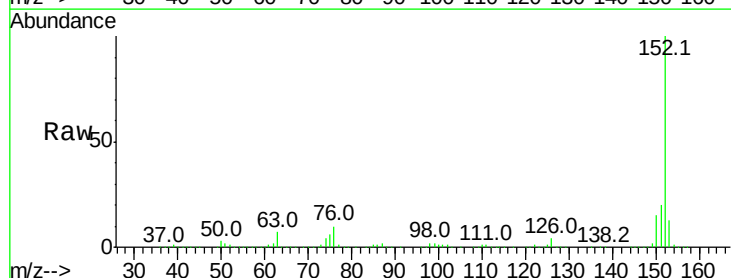


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

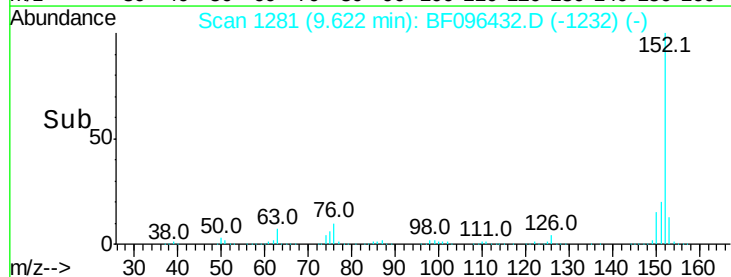
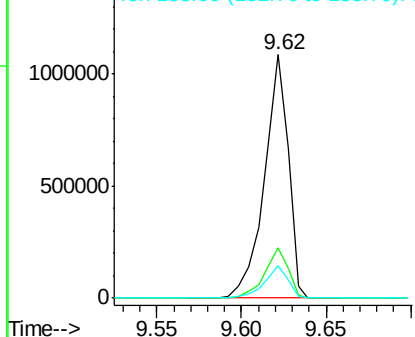


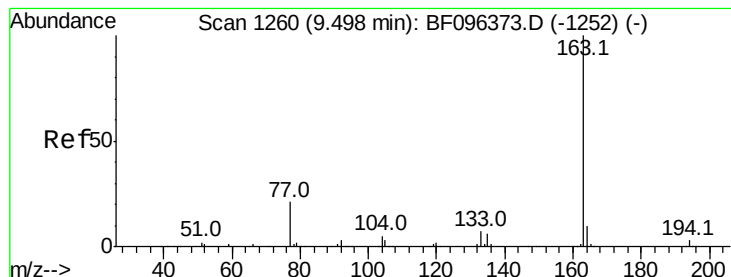
#48
Acenaphthylene
Concen: 41.79 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion:152 Resp: 1058404
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.4 10.8 16.2



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





#49

Dimethylphthalate

Concen: 43.32 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

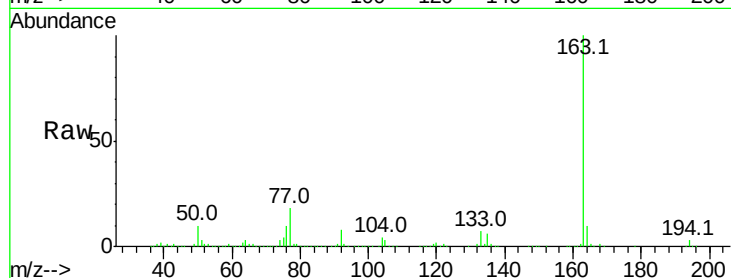
Tot Ion:163 Resp: 809611

Ion Ratio Lower Upper

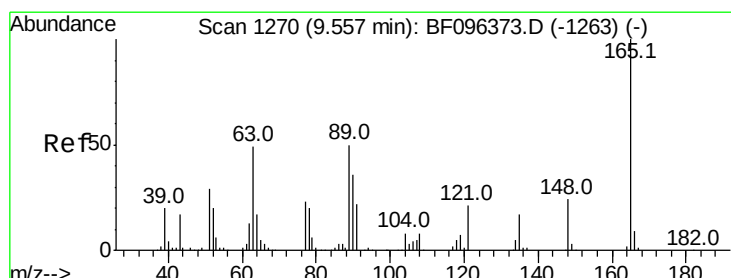
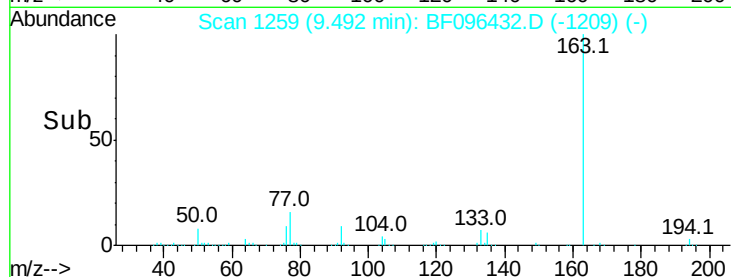
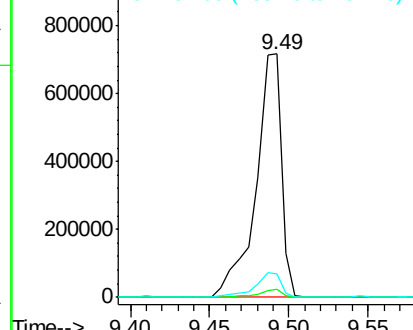
163 100

194 3.3 2.6 4.0

164 9.8 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: 45.11 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

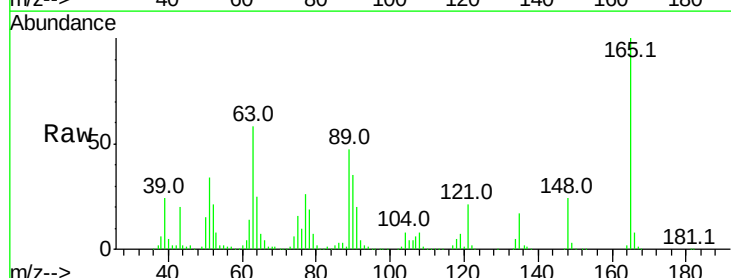
Tgt Ion:165 Resp: 186409

Ion Ratio Lower Upper

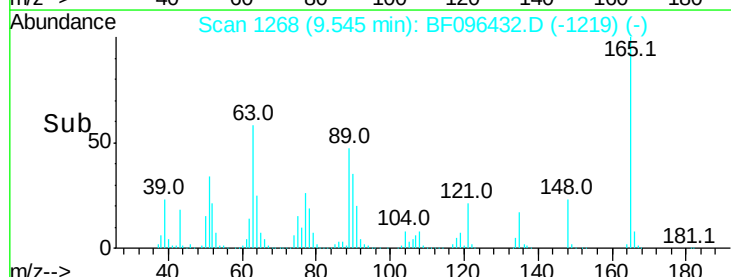
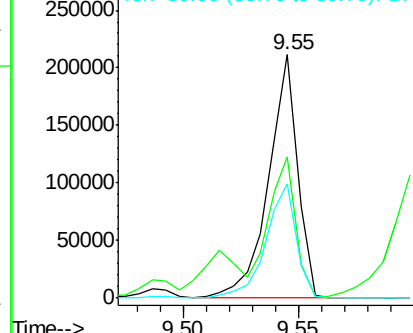
165 100

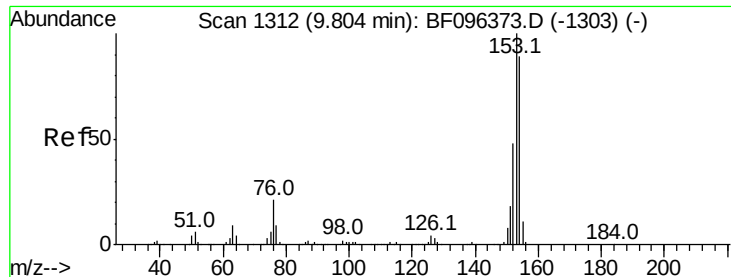
63 58.2 34.3 51.5#

89 46.7 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: 38.77 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

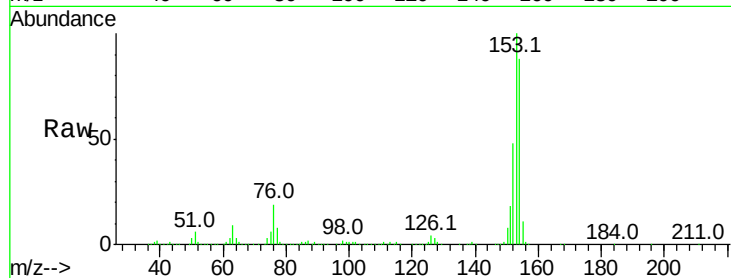
Tot Ion:154 Resp: 605303

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

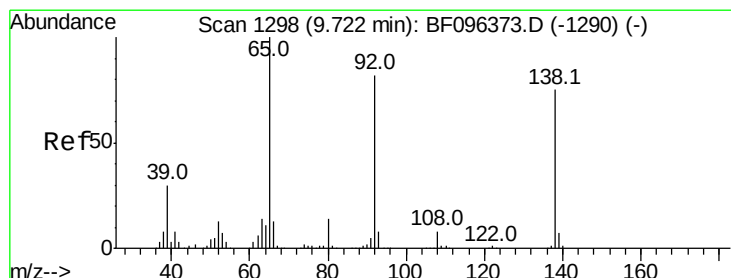
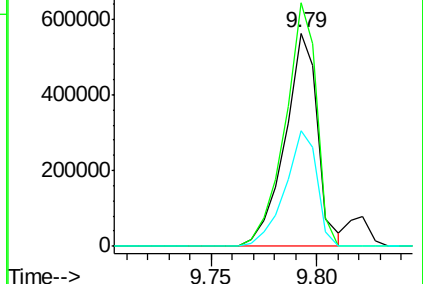
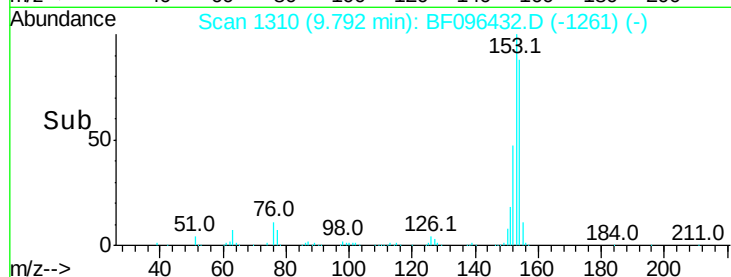
152 54.3 43.6 65.4



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: 30.33 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

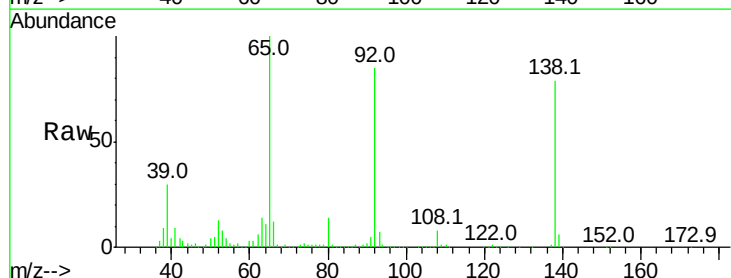
Tgt Ion:138 Resp: 156315

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

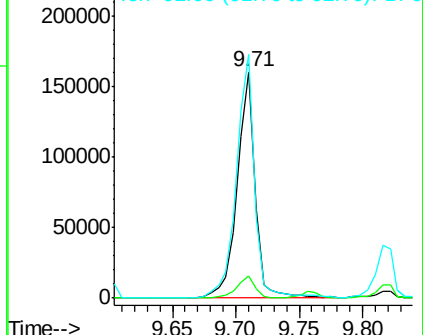
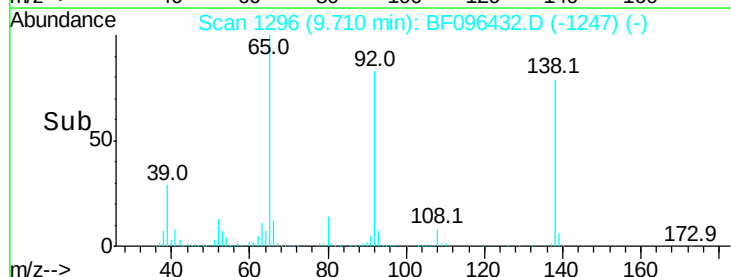
92 107.7 93.8 140.6

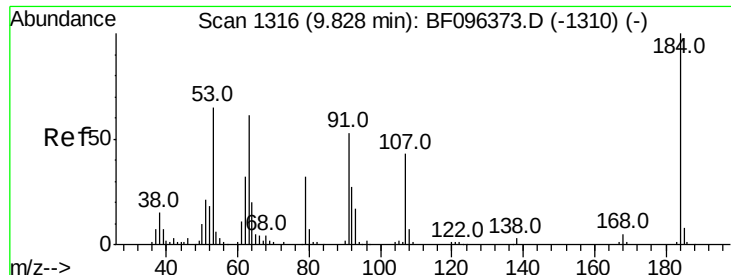


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

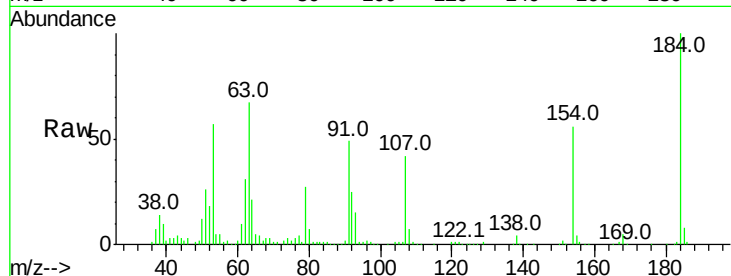




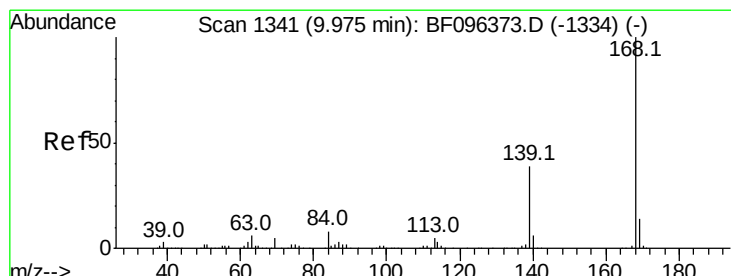
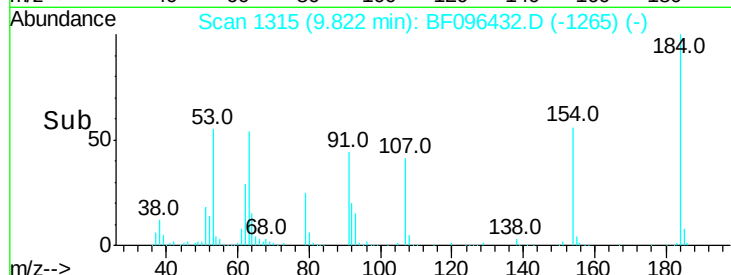
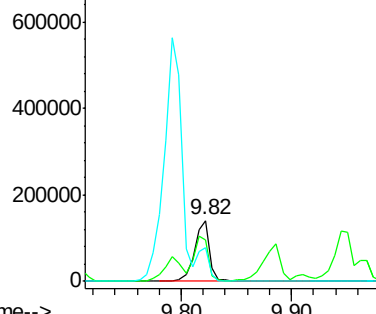
#53
2,4-Dinitrophenol
Concen: 61.33 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 134625
Ion Ratio Lower Upper
184 100
63 67.0 62.7 94.1
154 56.2 81.1 121.7#

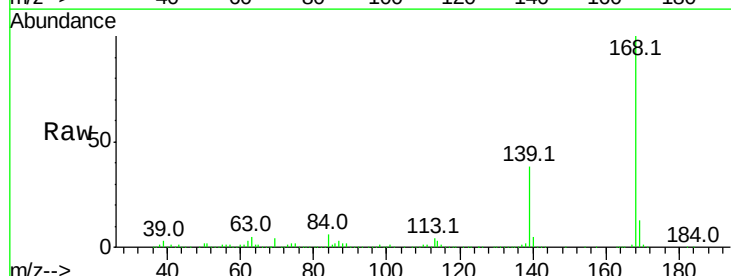


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

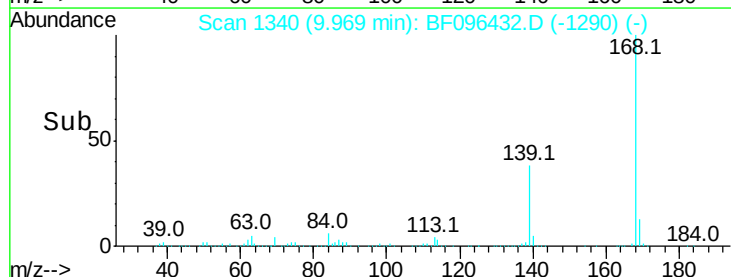
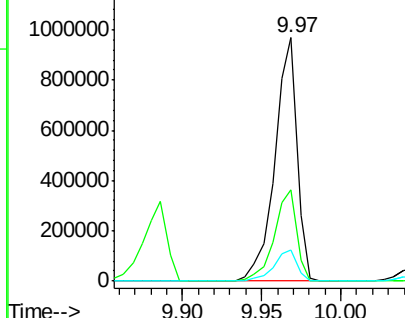


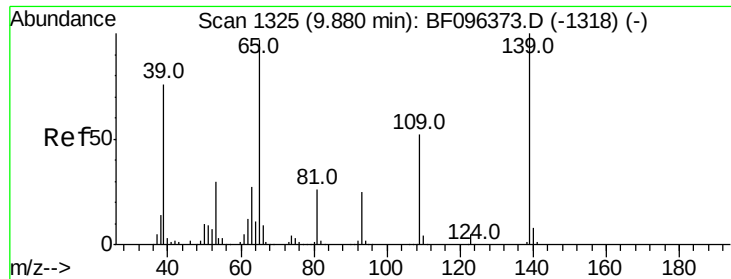
#54
Dibenzofuran
Concen: 45.85 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion:168 Resp: 945239
Ion Ratio Lower Upper
168 100
139 37.7 30.6 45.8
169 13.0 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

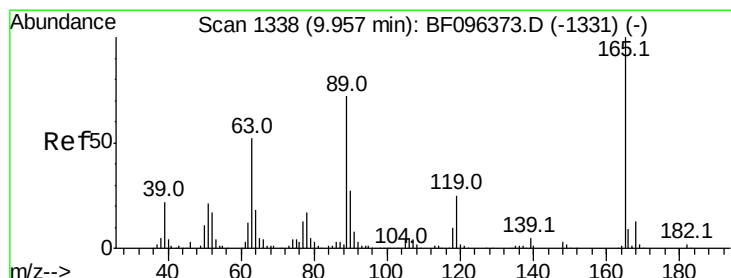
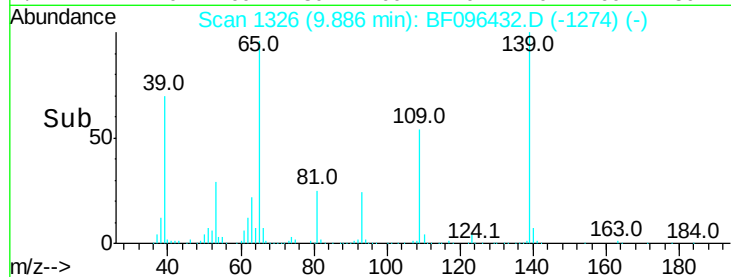
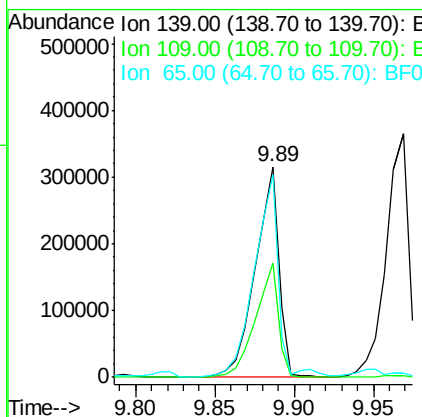
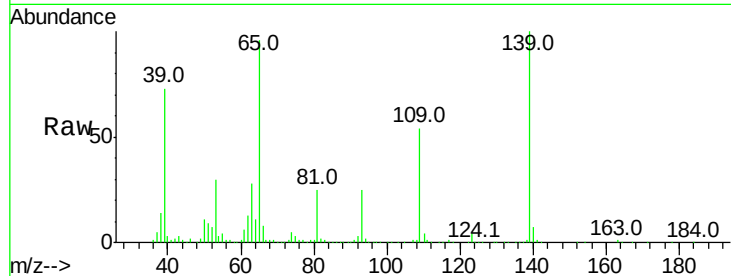




#55
4-Nitrophenol
Concen: 77.56 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

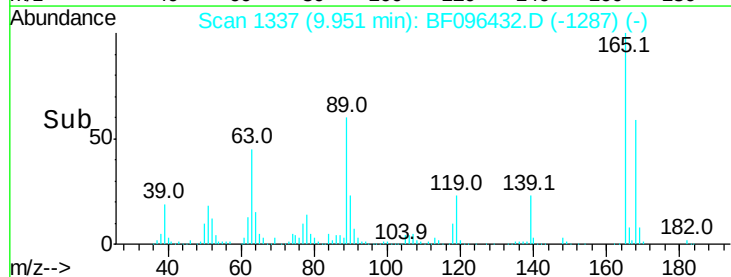
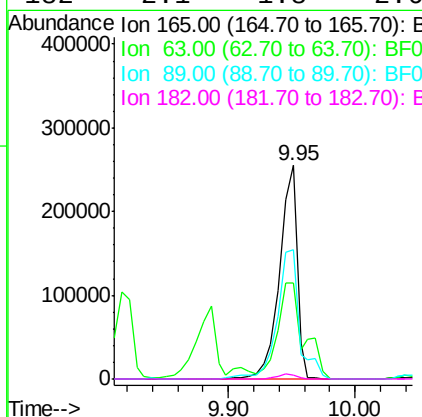
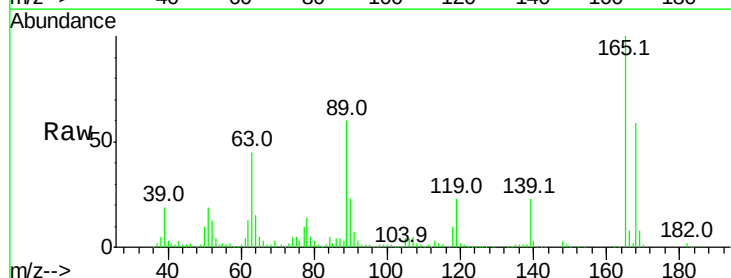
Instrument :
BNA_F
ClientSampleId :

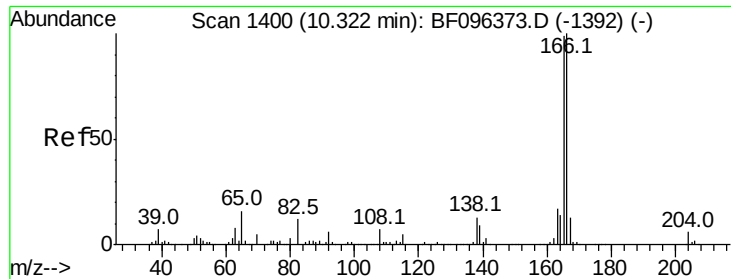
Tot Ion:139 Resp: 331380
Ion Ratio Lower Upper
139 100
109 54.3 34.1 74.1
65 95.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 46.82 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion:165 Resp: 245048
Ion Ratio Lower Upper
165 100
63 45.0 25.4 38.0#
89 60.4 46.4 69.6
182 2.1 1.8 2.6

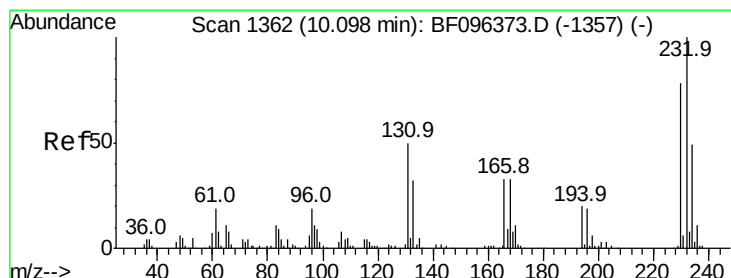
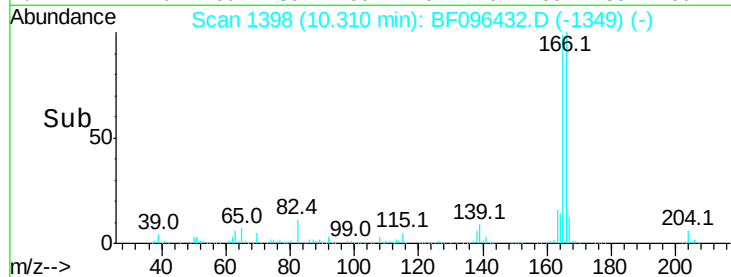
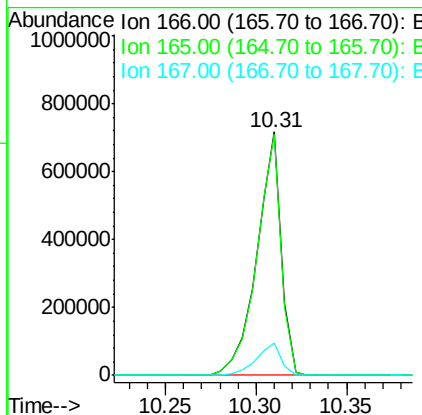
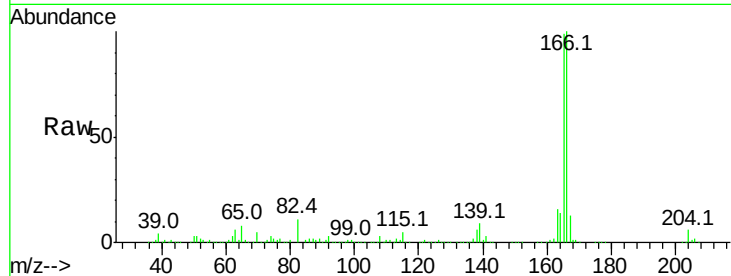




#57
 Fluorene
 Concen: 45.72 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

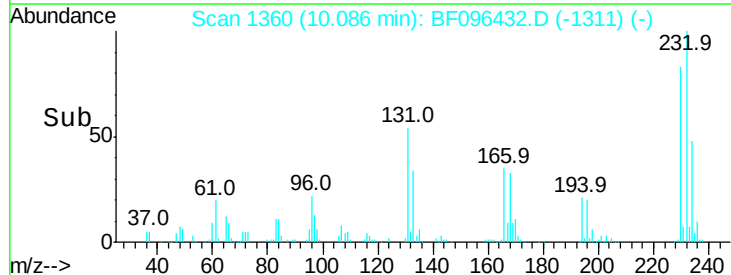
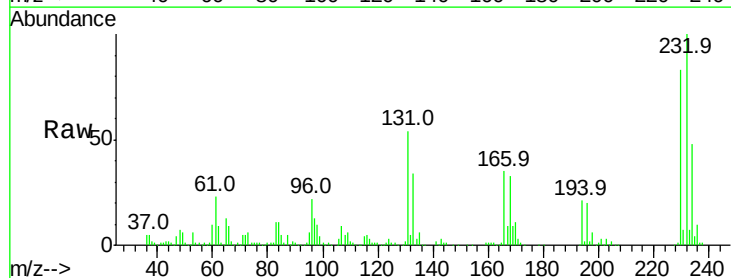
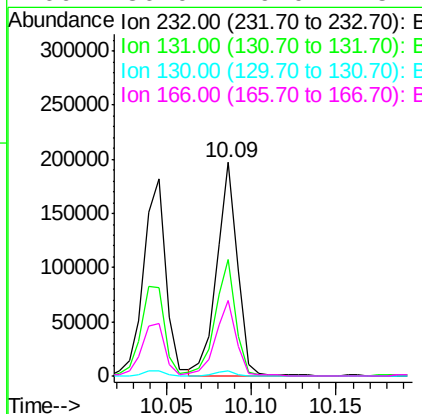
Instrument :
 BNA_F
 ClientSampled :

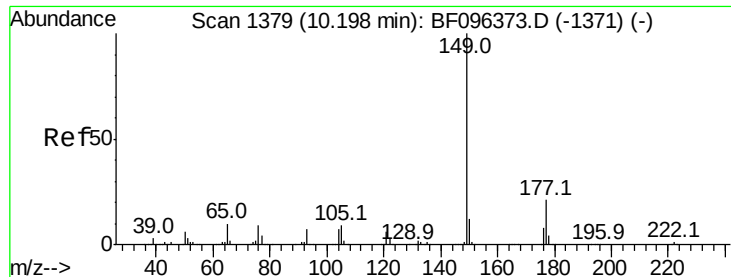
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.8	118.2
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.99 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.4	44.8	67.2
130	2.6	2.3	3.5
166	36.0	29.0	43.4

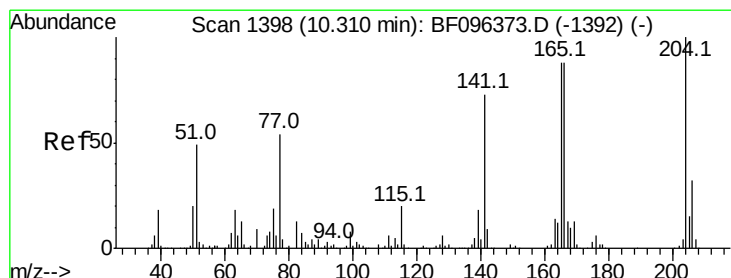
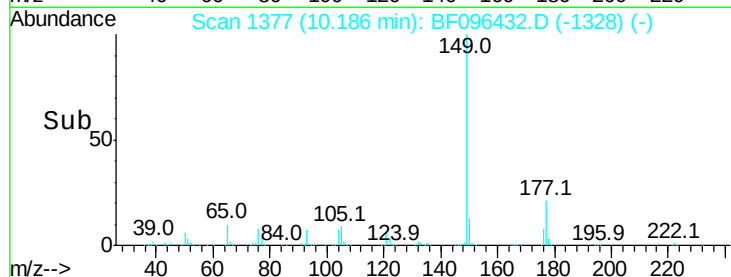
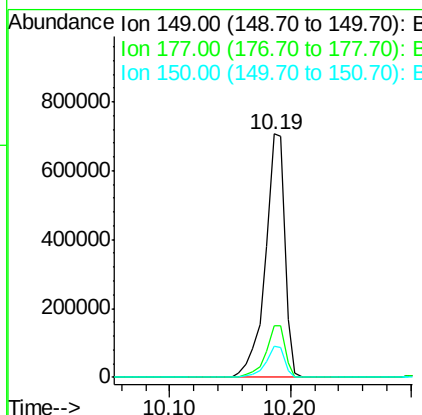
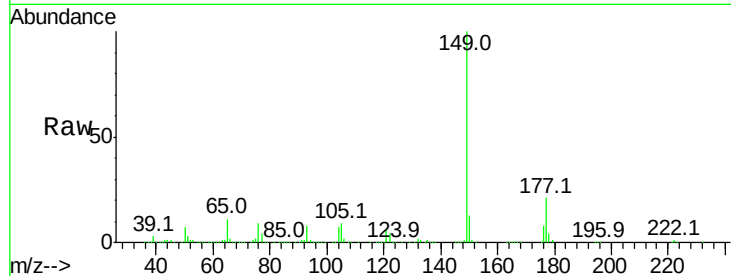




#59
Diethylphthalate
Concen: 45.21 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

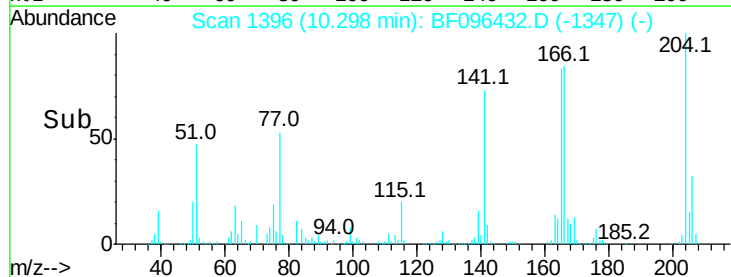
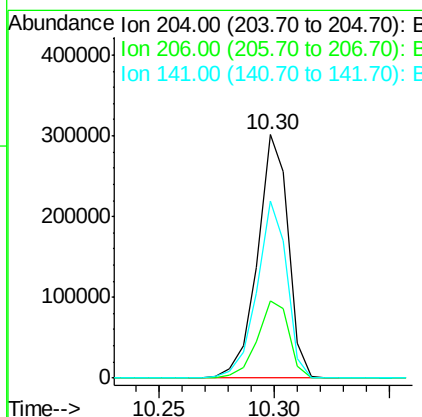
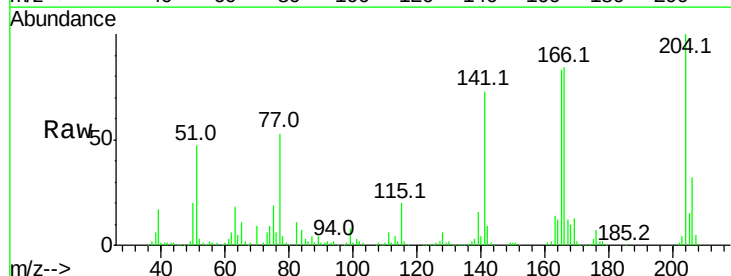
Instrument :
BNA_F
ClientSampleId :

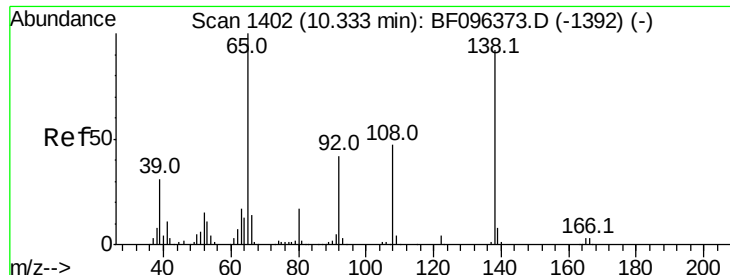
Tot Ion:149 Resp: 798528
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.18 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion:204 Resp: 279853
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 72.6 60.8 91.2

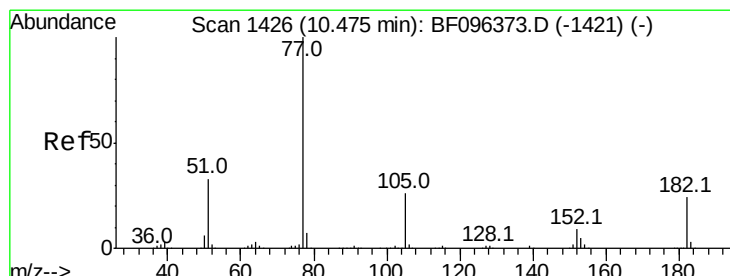
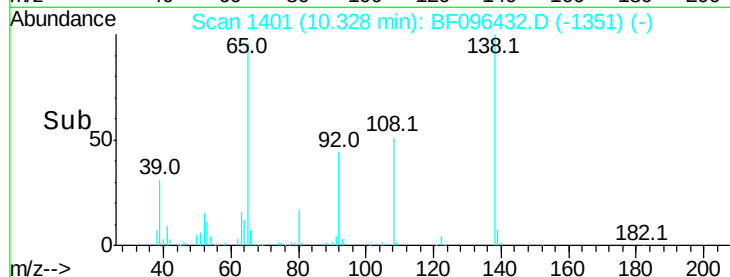
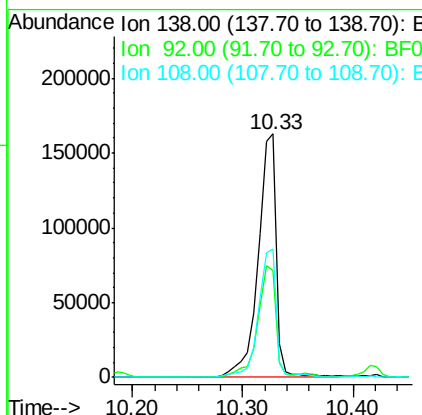
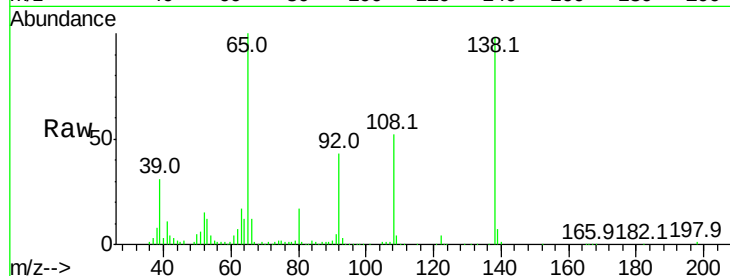




#61
4-Nitroaniline
Concen: 40.53 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

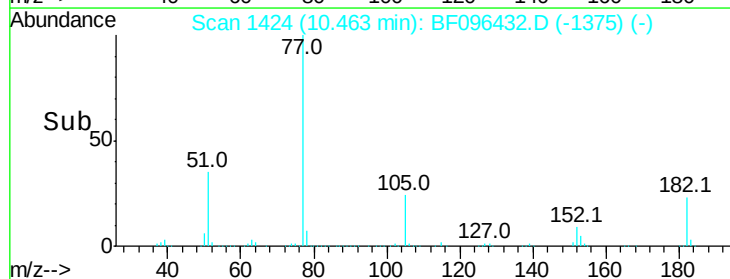
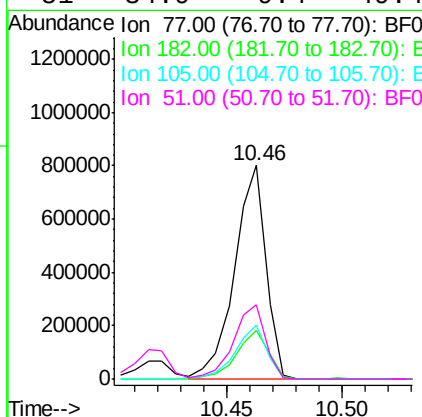
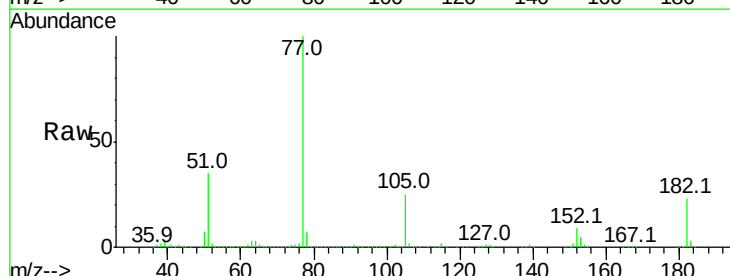
Instrument :
BNA_F
ClientSampled :

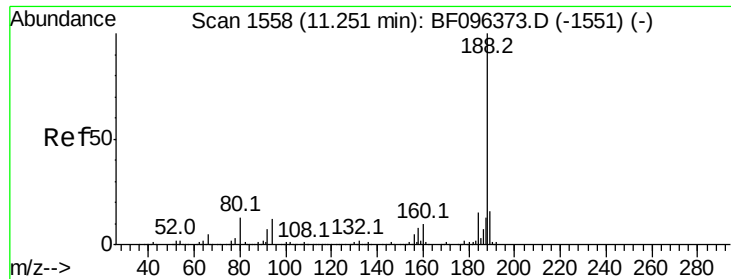
Tot Ion:138 Resp: 189955
Ion Ratio Lower Upper
138 100
92 44.0 21.8 61.8
108 52.6 42.3 82.3



#62
Azobenzene
Concen: 44.40 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion: 77 Resp: 758372
Ion Ratio Lower Upper
77 100
182 23.1 0.1 40.1
105 25.5 3.6 43.6
51 34.9 9.4 49.4

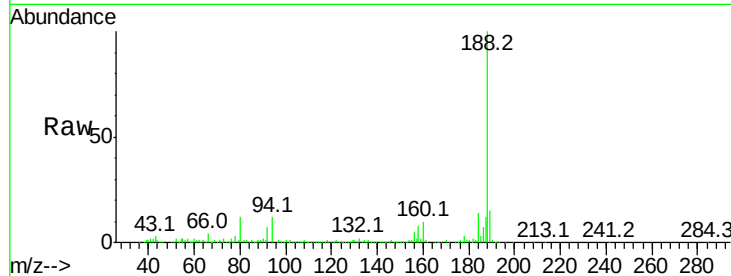




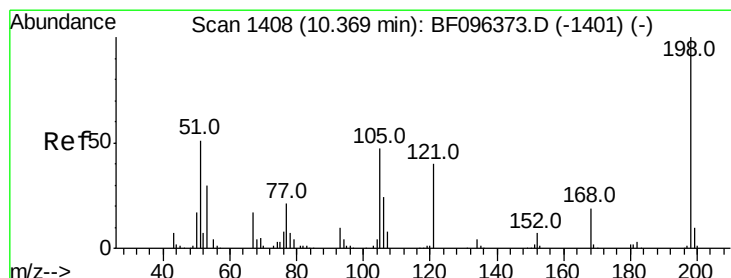
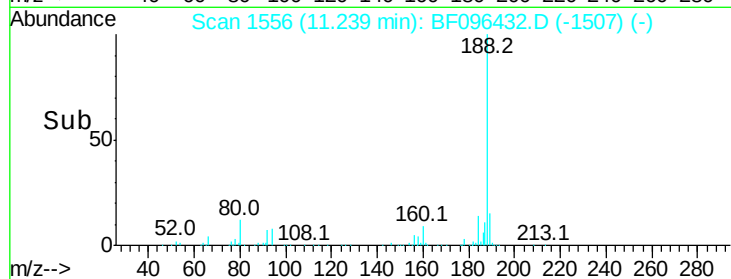
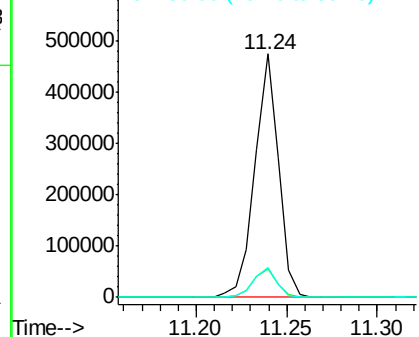
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 429153
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.4 10.2 15.2

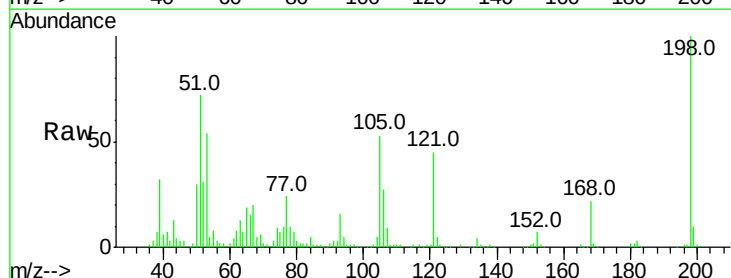


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

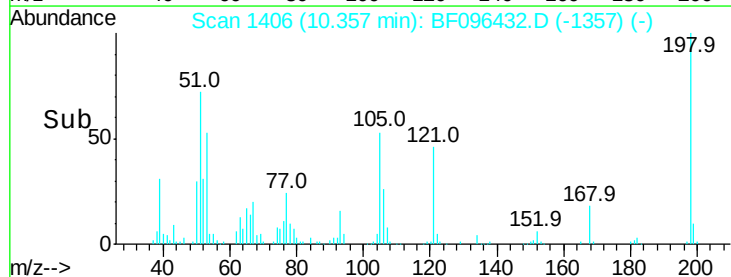
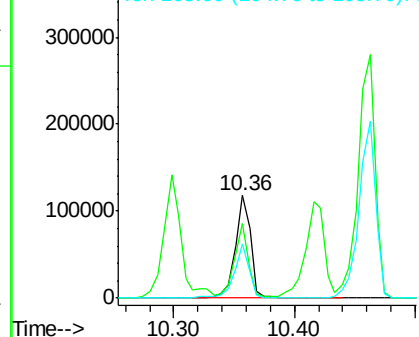


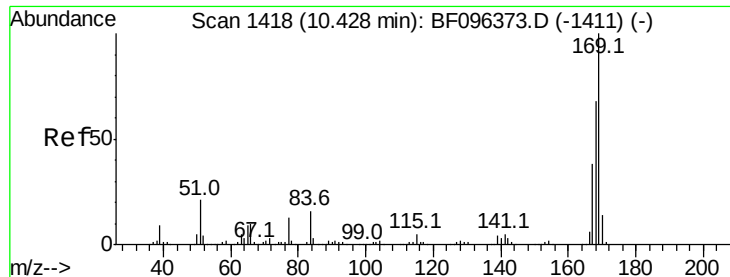
#64
4,6-Dinitro-2-methylphenol
Concen: 35.62 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion:198 Resp: 105434
Ion Ratio Lower Upper
198 100
51 72.3 53.2 93.2
105 52.5 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 42.44 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

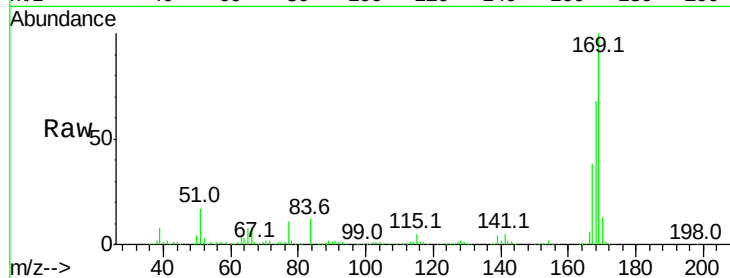
Tot Ion:169 Resp: 638979

Ion Ratio Lower Upper

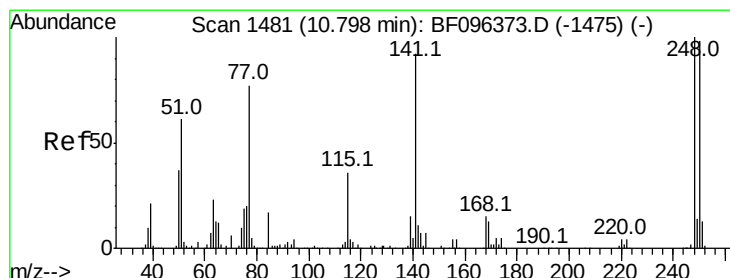
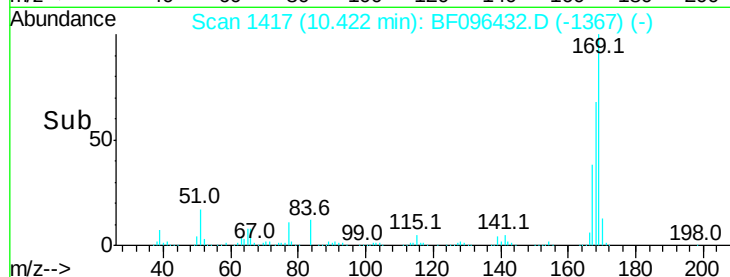
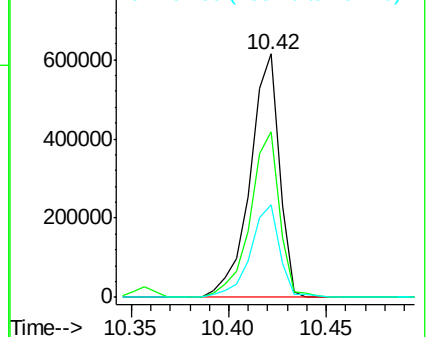
169 100

168 68.1 53.2 79.8

167 37.9 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: 43.98 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

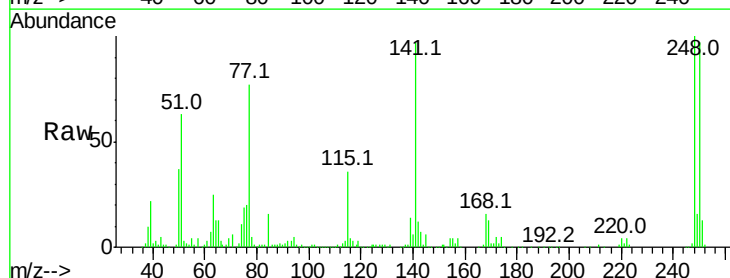
Tgt Ion:248 Resp: 183742

Ion Ratio Lower Upper

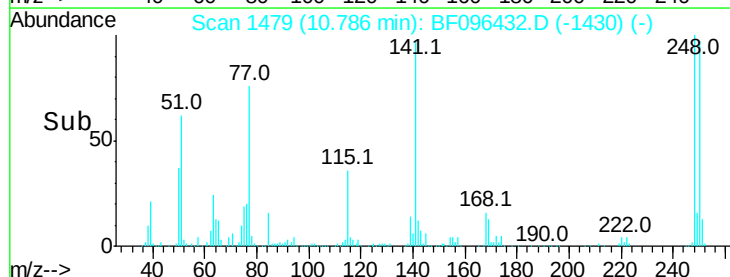
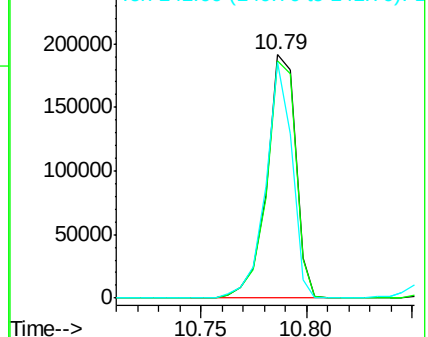
248 100

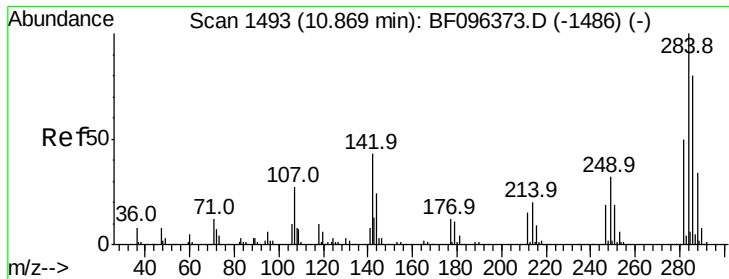
250 97.4 76.8 115.2

141 97.1 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 42.81 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

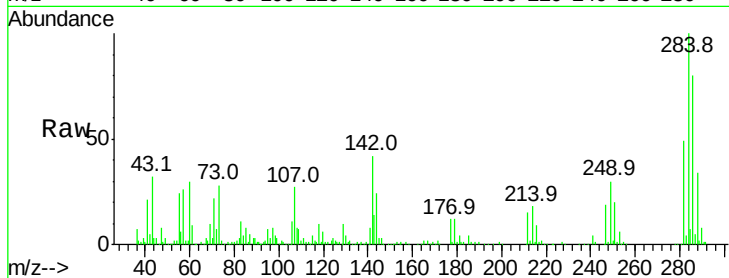
Tot Ion:284 Resp: 195768

Ion Ratio Lower Upper

284 100

142 42.3 22.8 34.2#

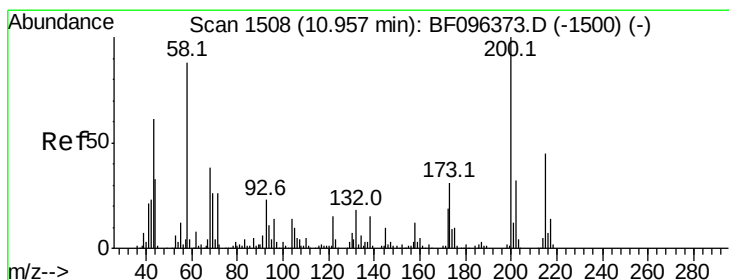
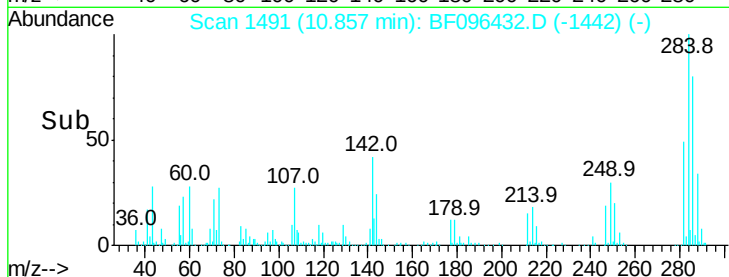
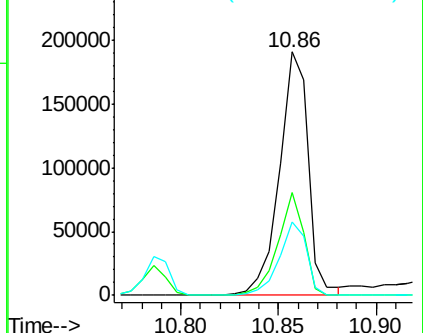
249 30.0 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.38 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

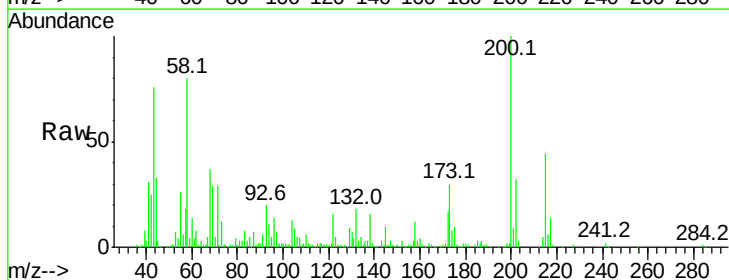
Tgt Ion:200 Resp: 182306

Ion Ratio Lower Upper

200 100

173 30.4 6.3 46.3

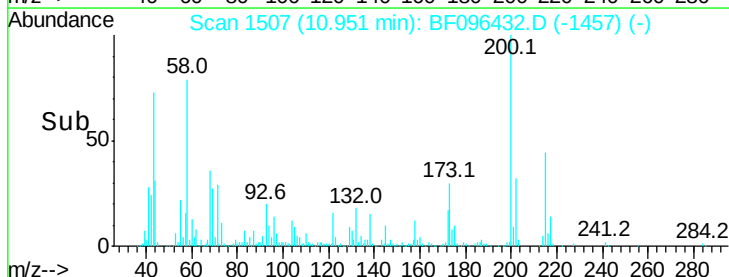
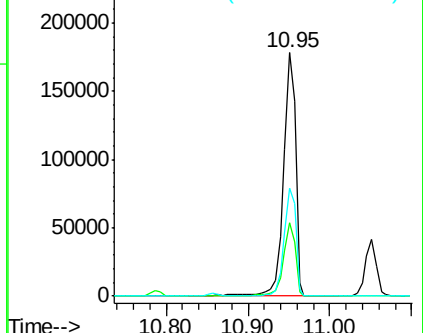
215 44.2 27.2 67.2

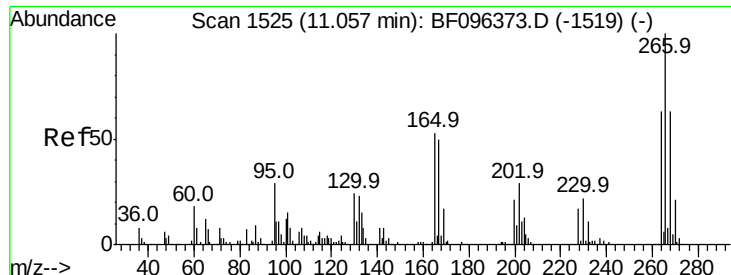


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

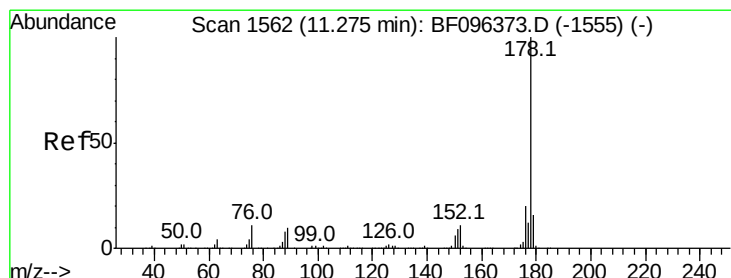
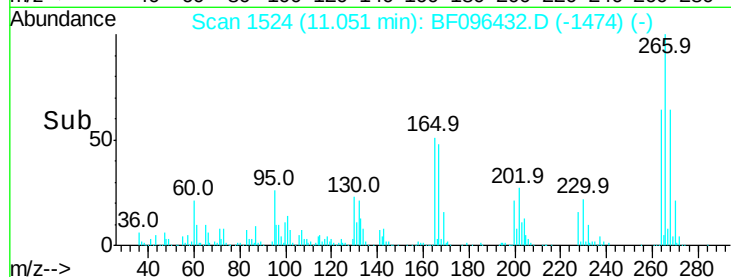
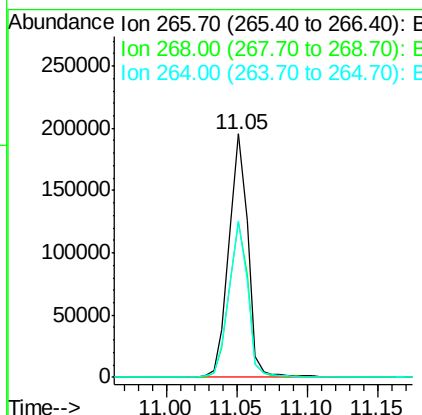
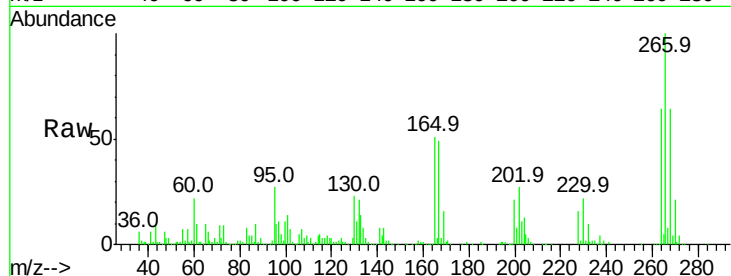




#69
 Pentachlorophenol
 Concen: 68.28 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

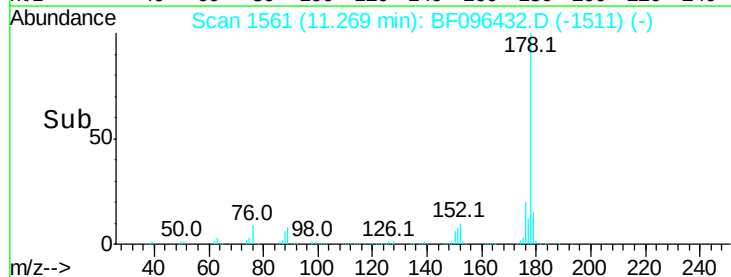
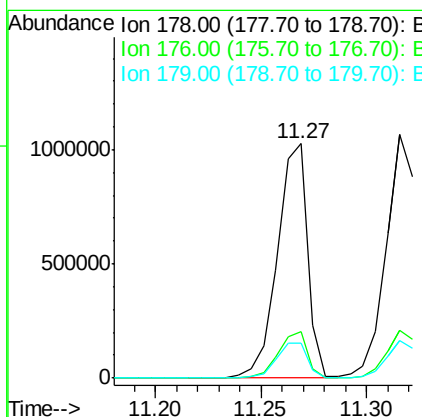
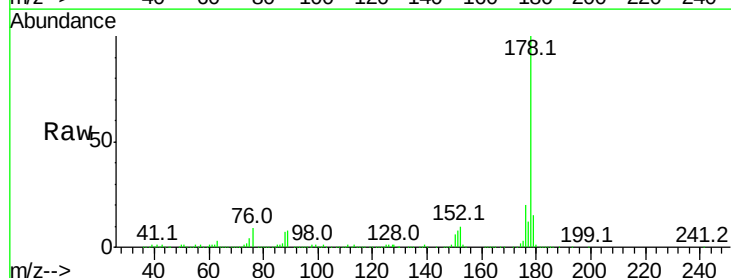
Instrument :
 BNA_F
 ClientSampled :

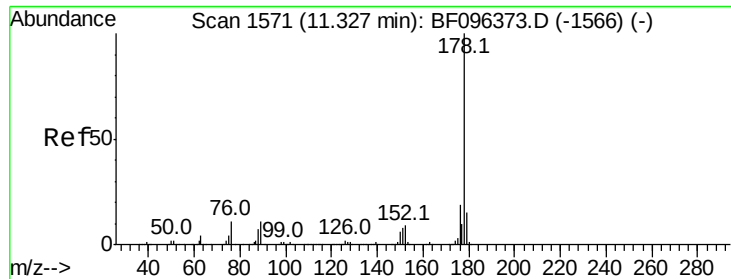
Tot Ion:266 Resp: 185078
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 64.3 51.7 77.5



#70
 Phenanthrene
 Concen: 44.20 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion:178 Resp: 1025300
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.0 12.6 19.0

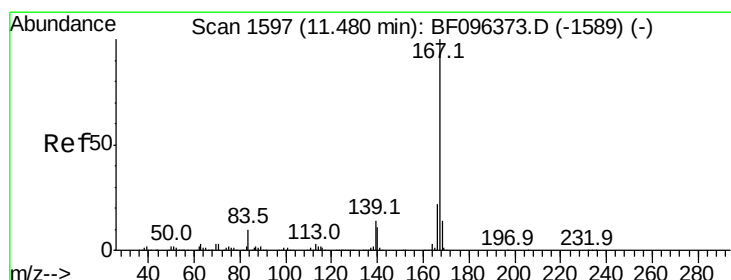
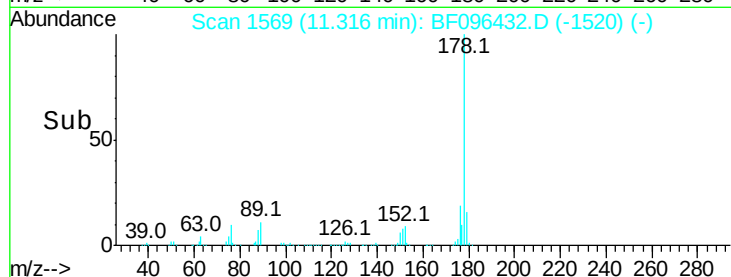
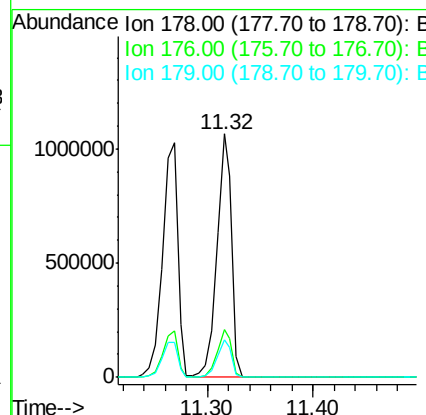
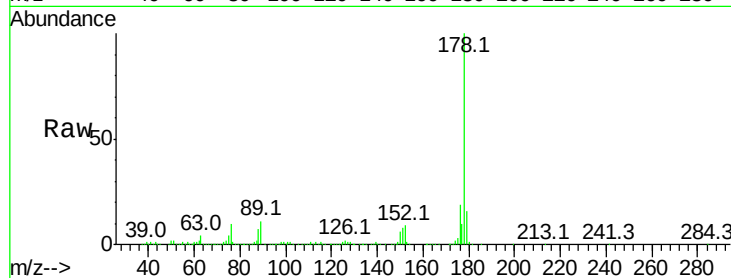




#71
 Anthracene
 Concen: 44.31 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

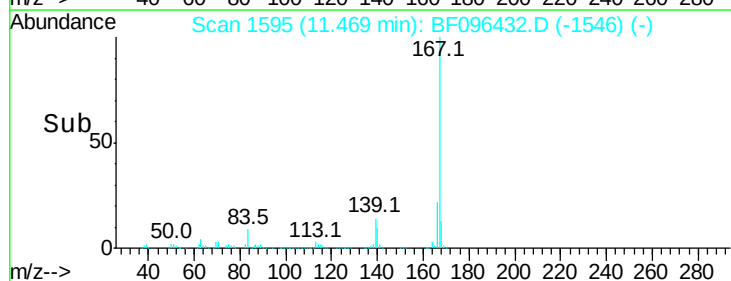
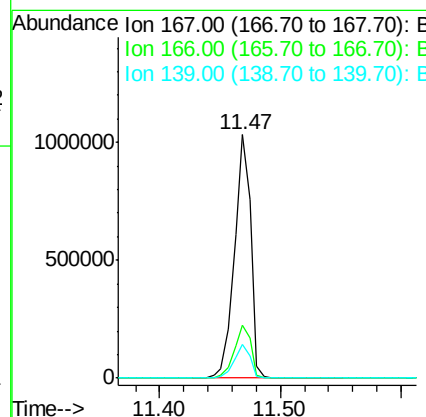
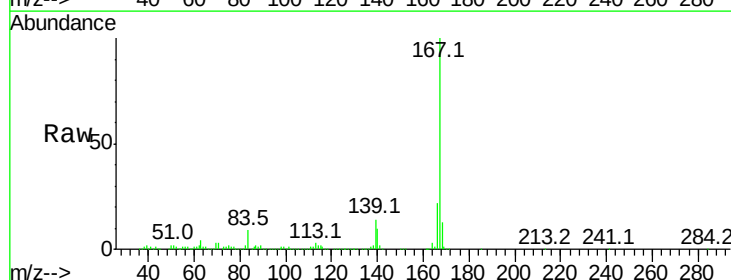
Instrument :
 BNA_F
 ClientSampleId :

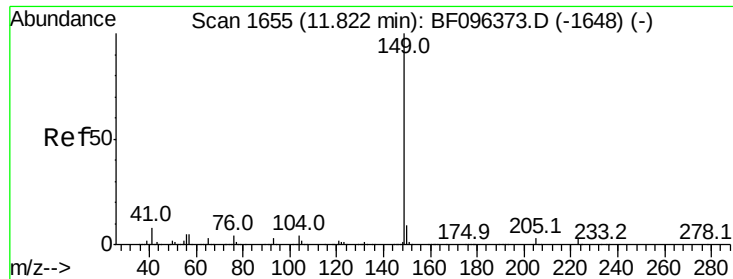
Tot Ion:178 Resp: 1047427
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 40.91 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Tgt Ion:167 Resp: 972730
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.39 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

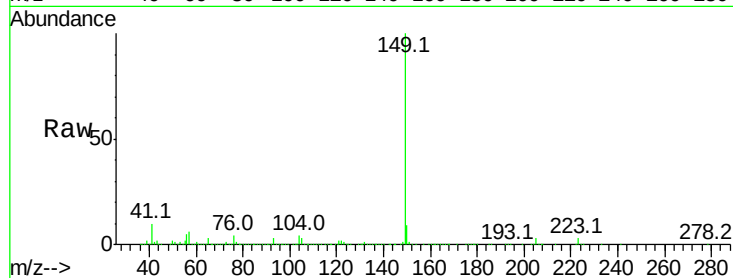
Tot Ion:149 Resp: 1220766

Ion Ratio Lower Upper

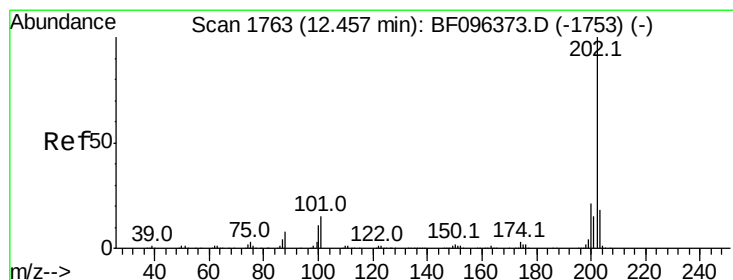
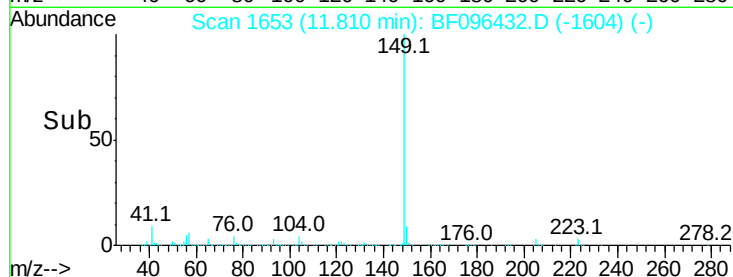
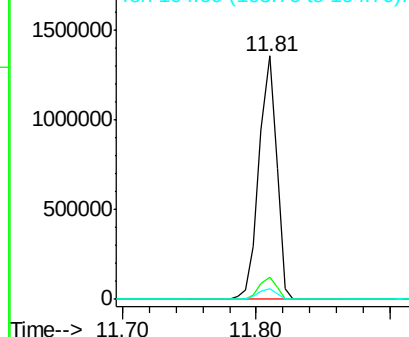
149 100

150 9.3 7.7 11.5

104 4.4 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: 43.40 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

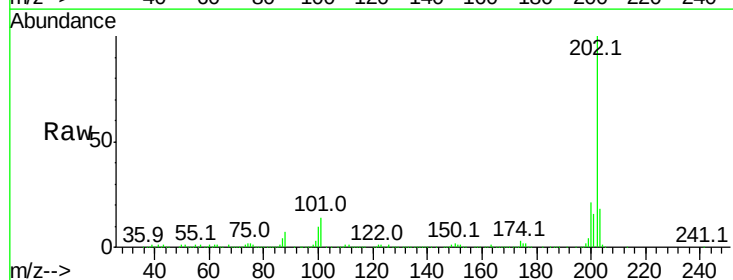
Tgt Ion:202 Resp: 987031

Ion Ratio Lower Upper

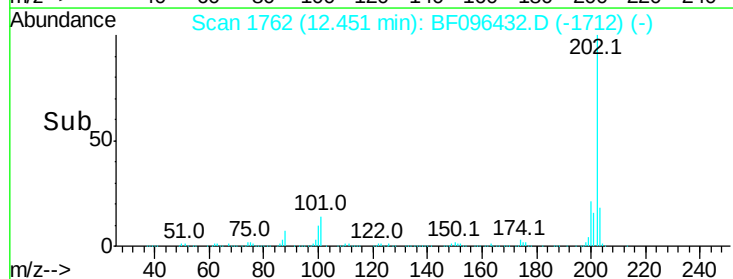
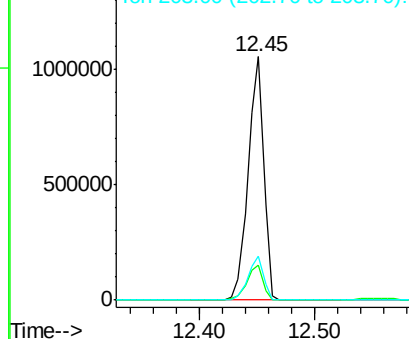
202 100

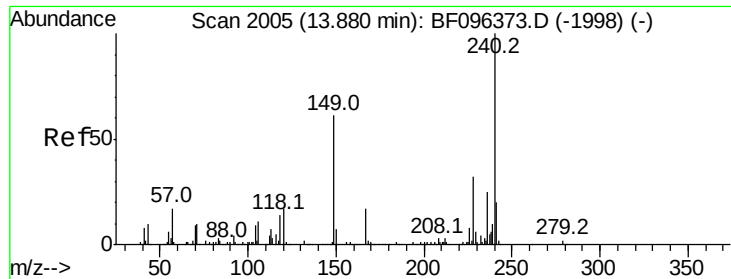
101 14.2 0.0 33.2

203 17.9 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

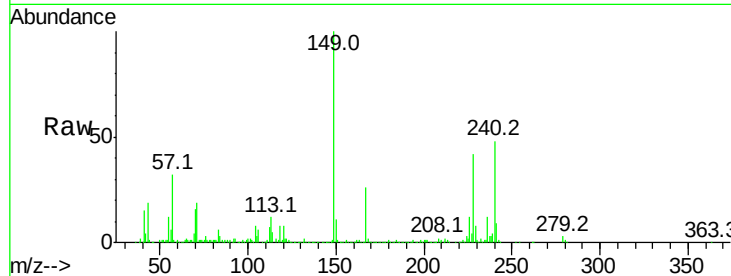
Tot Ion:240 Resp: 242200

Ion Ratio Lower Upper

240 100

120 16.8 5.8 8.8#

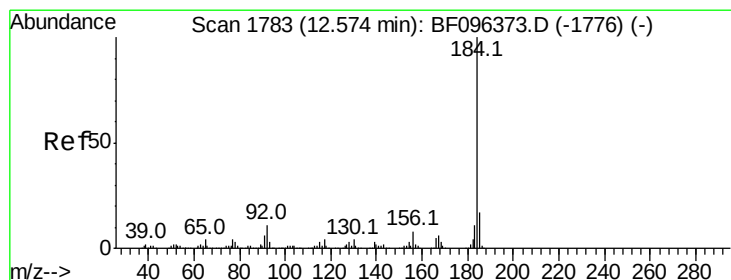
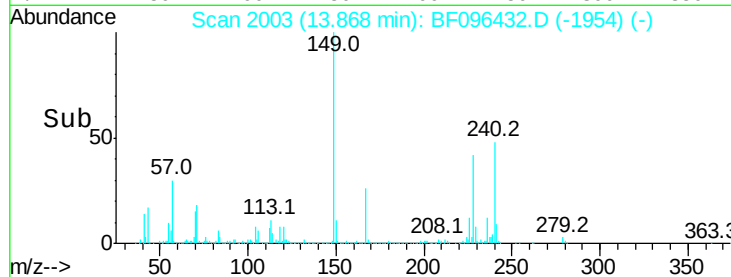
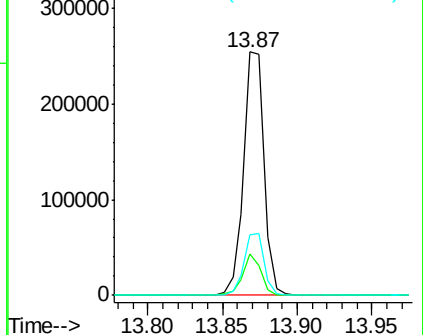
236 25.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.53 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

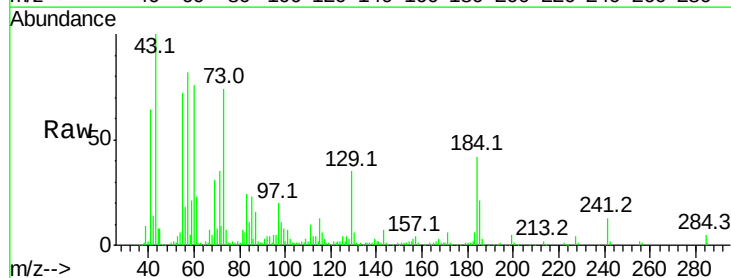
Tgt Ion:184 Resp: 64305

Ion Ratio Lower Upper

184 100

185 50.1 15.5 23.3#

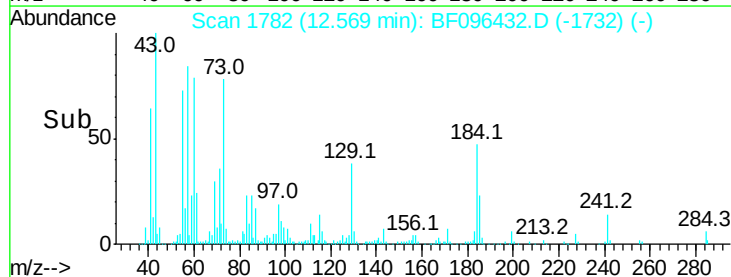
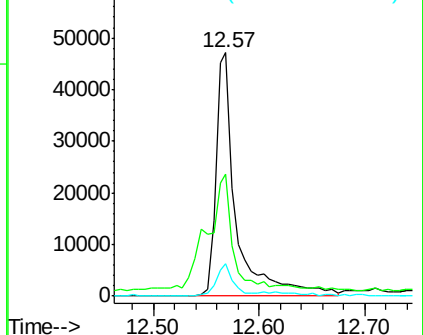
183 13.2 9.8 14.6

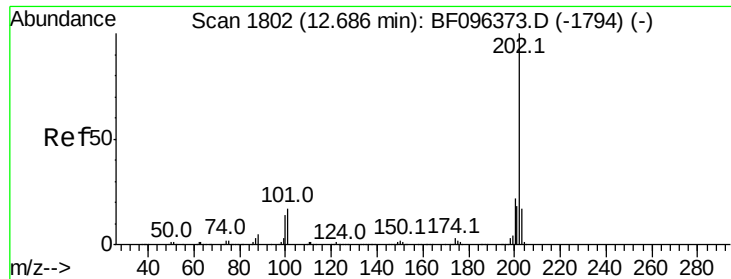


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 52.26 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampled :

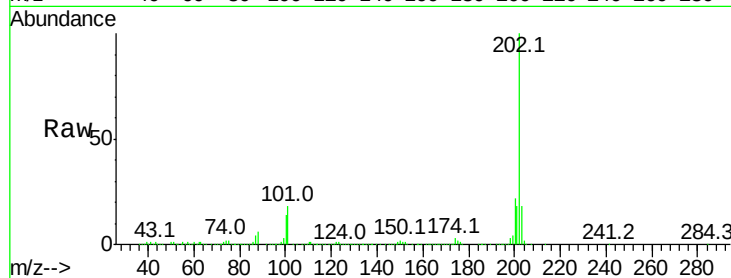
Tot Ion:202 Resp: 1016035

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

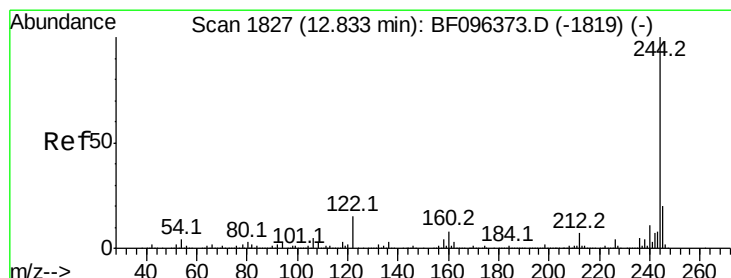
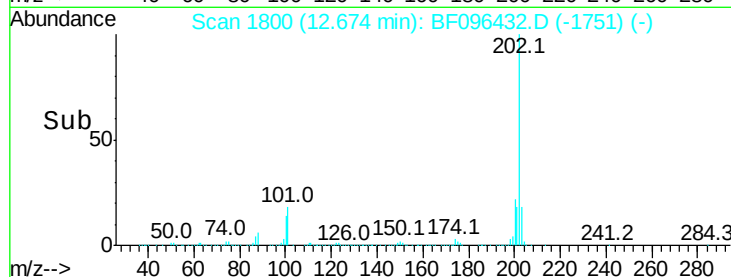
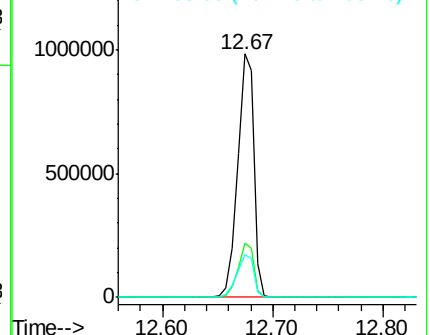
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.98 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

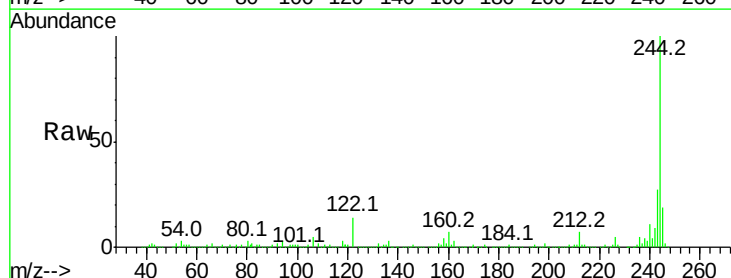
Tgt Ion:244 Resp: 1008520

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

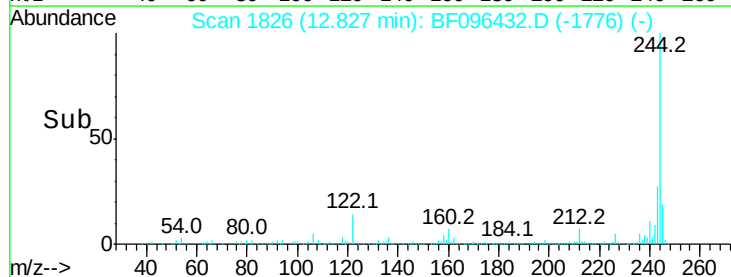
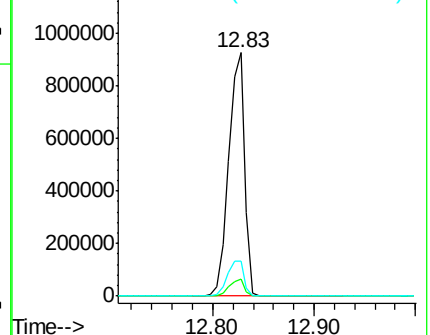
122 14.1 10.3 15.5

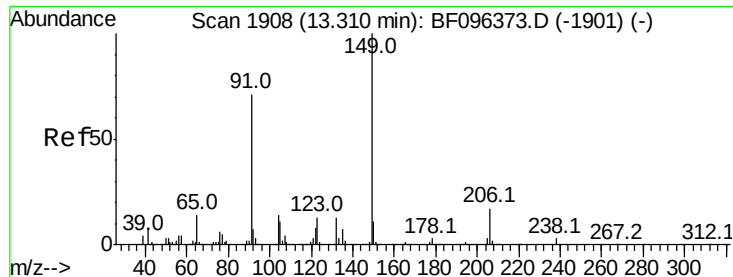


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

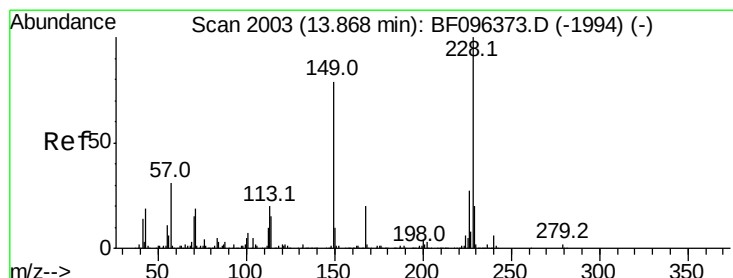
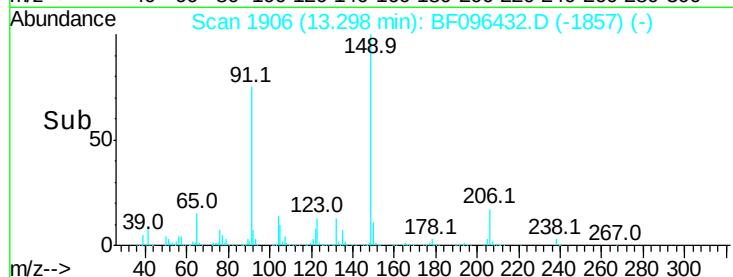
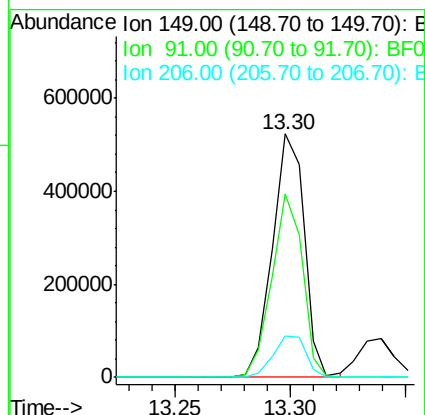
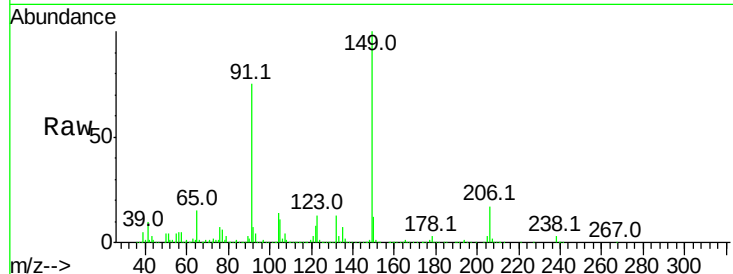




#79
Butylbenzylphthalate
Concen: 50.74 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

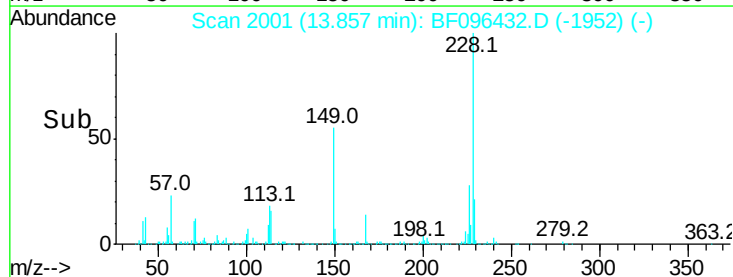
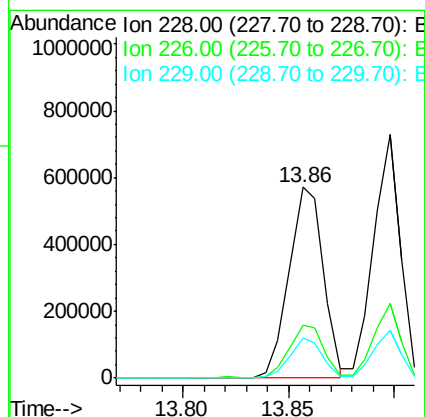
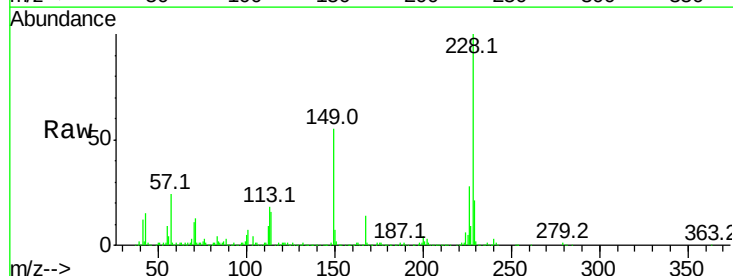
Instrument :
BNA_F
ClientSampleId :

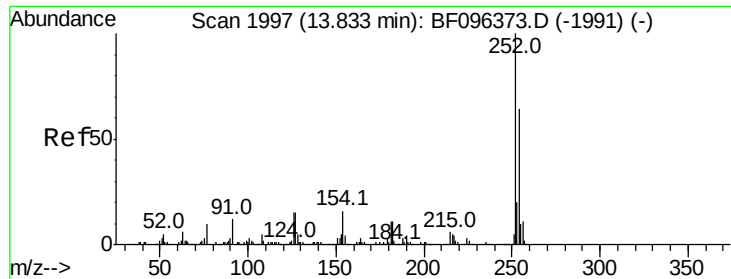
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.3	45.0	67.4#
206	16.9	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 46.11 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.8	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 31.76 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

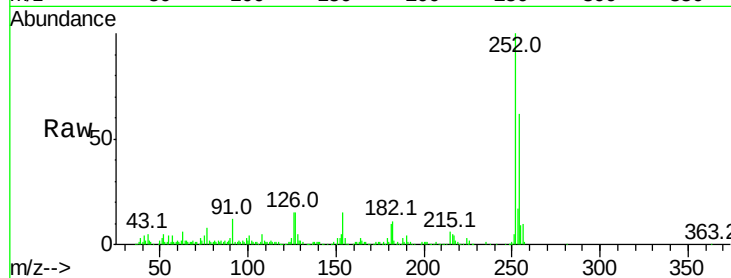
Tot Ion:252 Resp: 182959

Ion Ratio Lower Upper

252 100

254 62.2 51.5 77.3

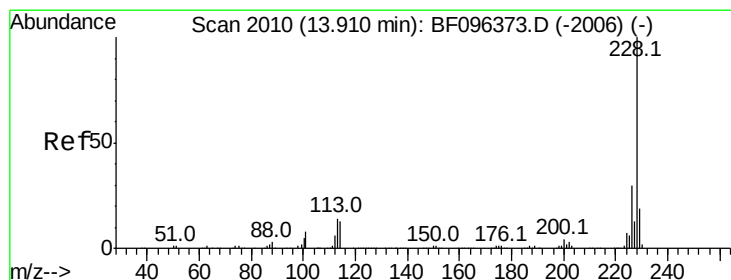
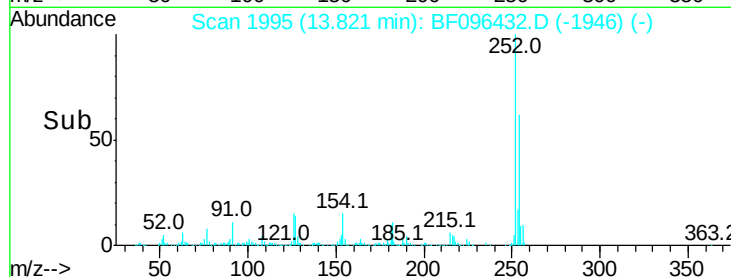
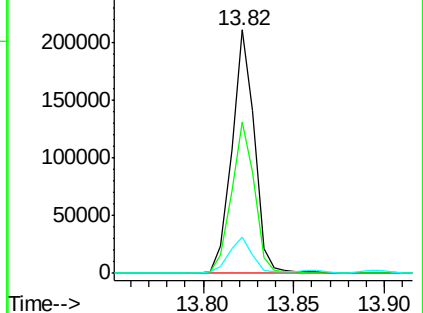
126 14.8 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.28 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

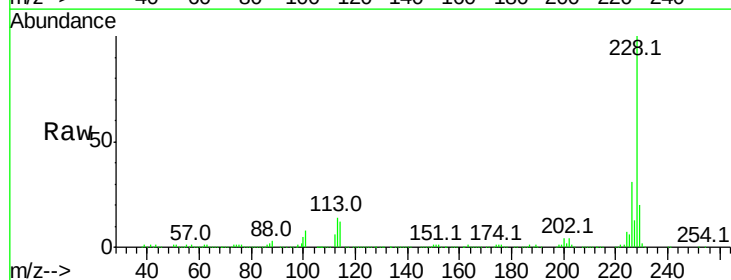
Tgt Ion:228 Resp: 650357

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

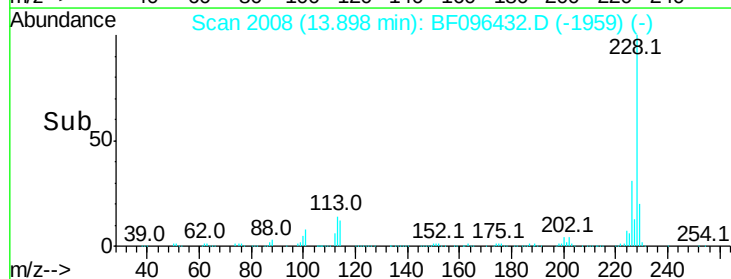
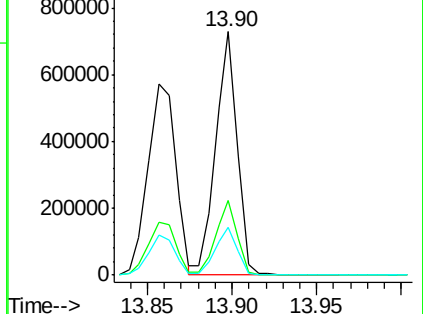
229 19.5 15.8 23.6

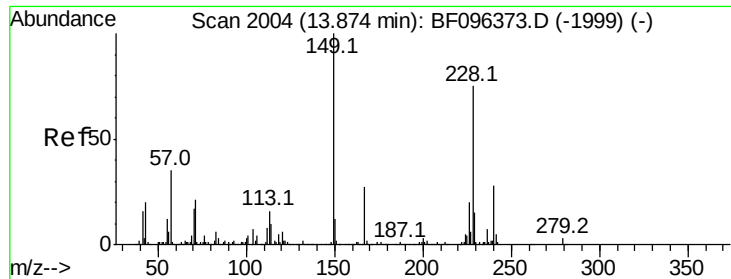


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.31 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampleId :

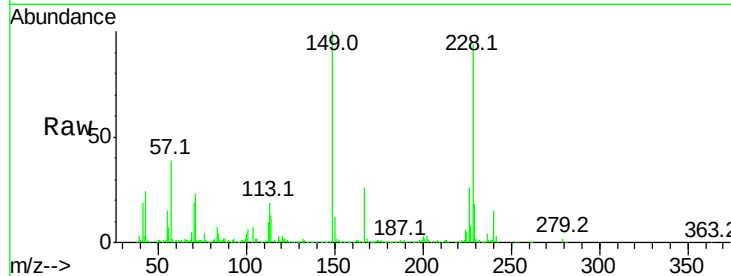
Tot Ion:149 Resp: 574648

Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.4

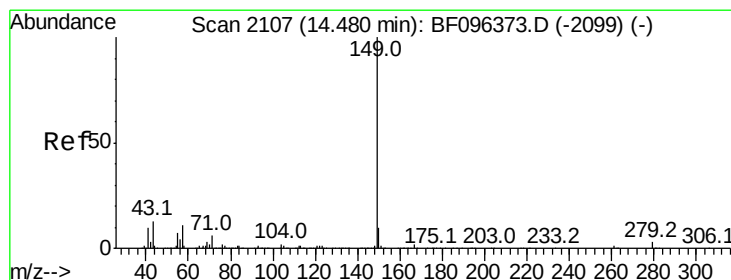
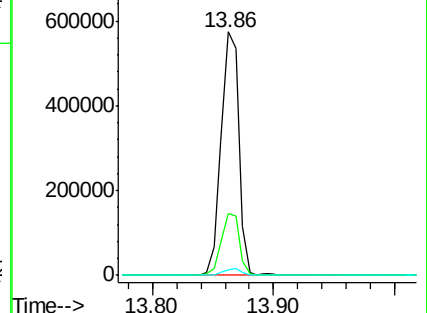
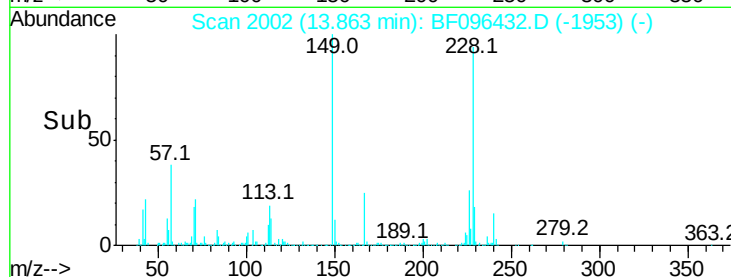
279 2.5 1.9 2.9



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: 45.81 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

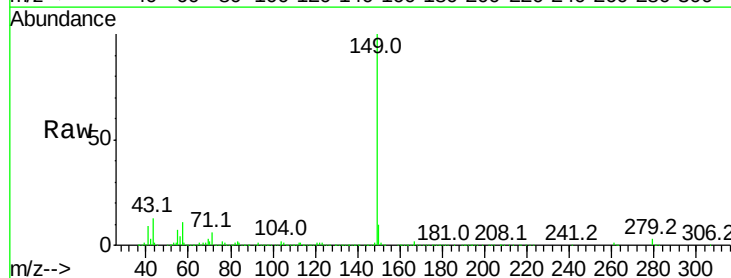
Tgt Ion:149 Resp: 991007

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

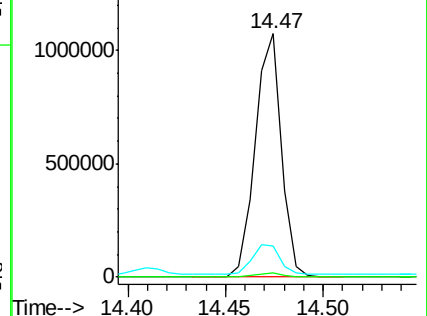
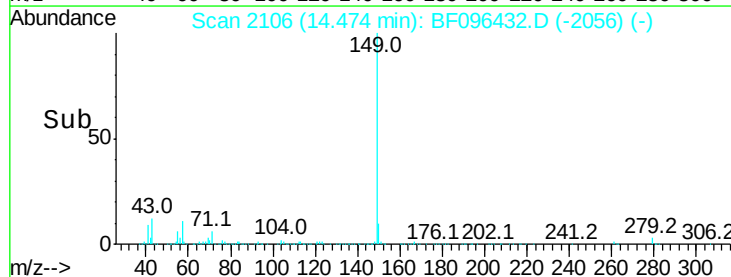
43 13.1 8.5 12.7#

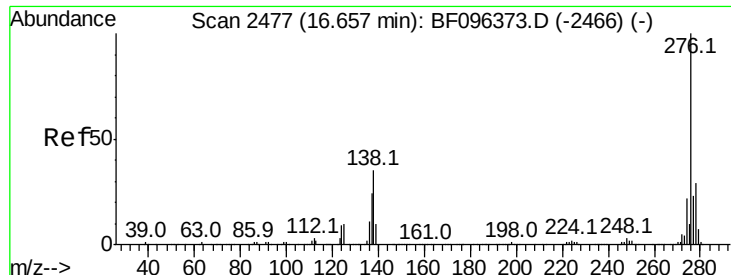


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

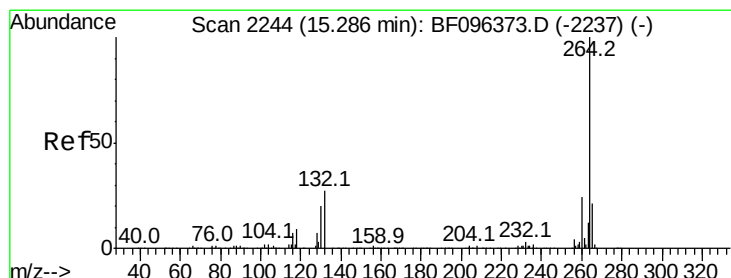
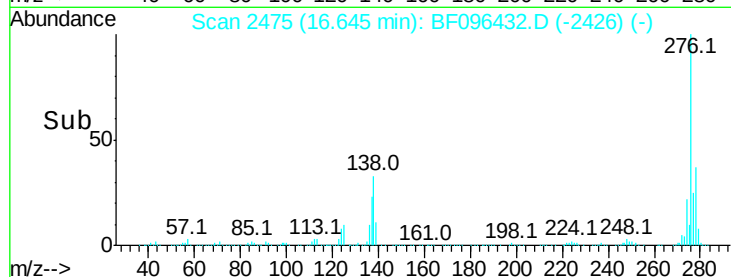
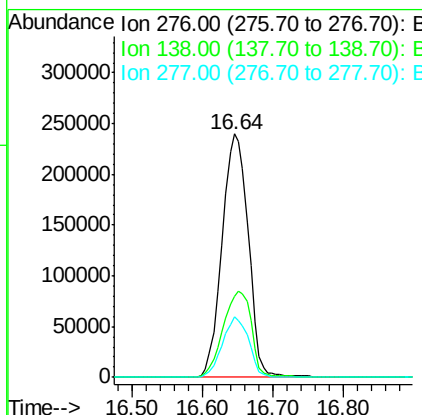
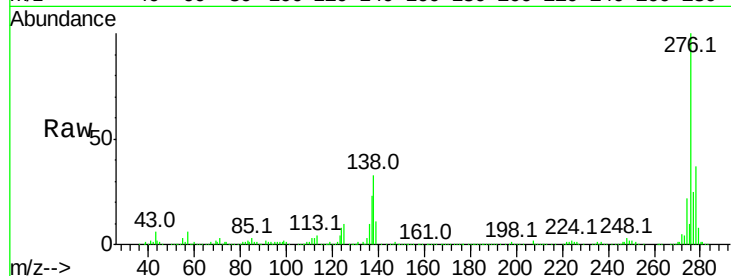




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.44 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

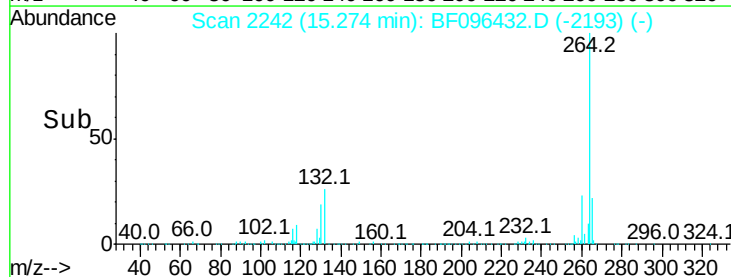
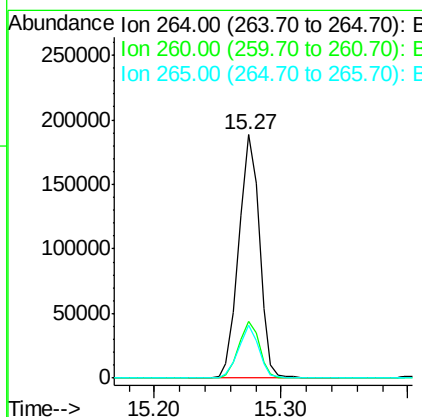
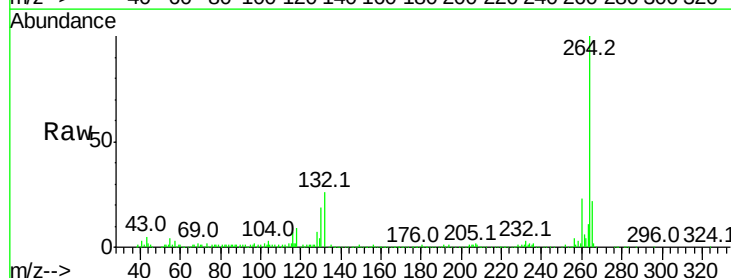
Instrument :
BNA_F
ClientSampleId :

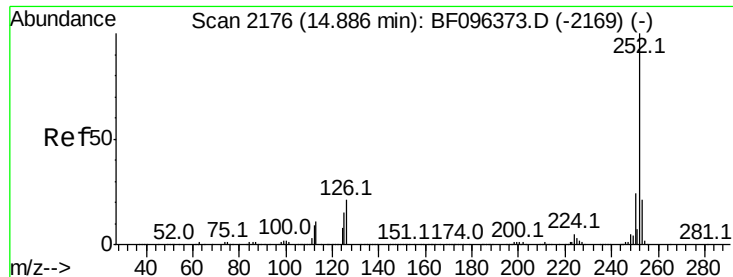
Tot Ion	Ratio	Lower	Upper
276	100		
138	38.3	27.8	41.6
277	24.8	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.0	17.2	25.8

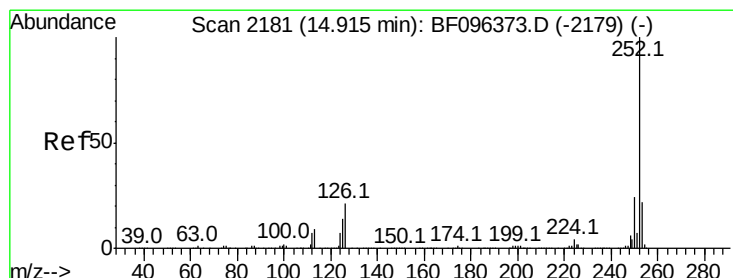
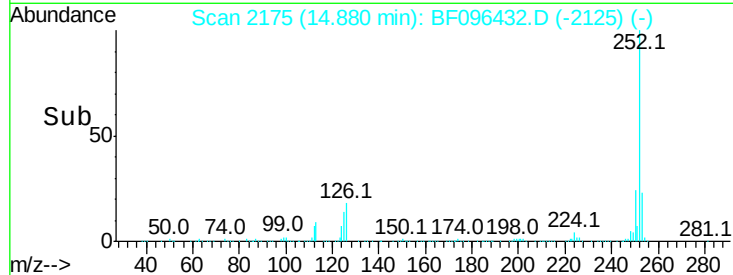
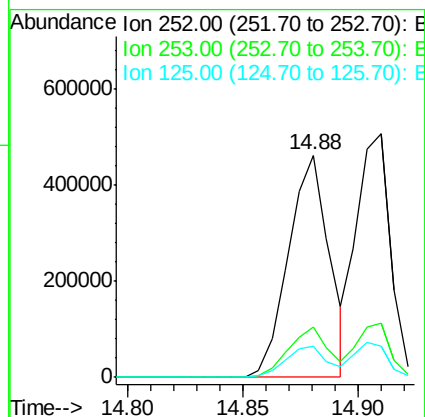
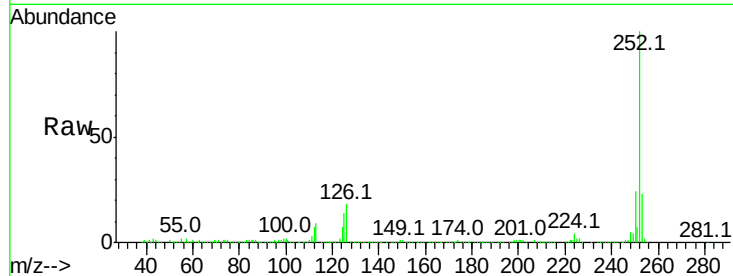




#87
Benzo(b)fluoranthene
Concen: 42.46 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

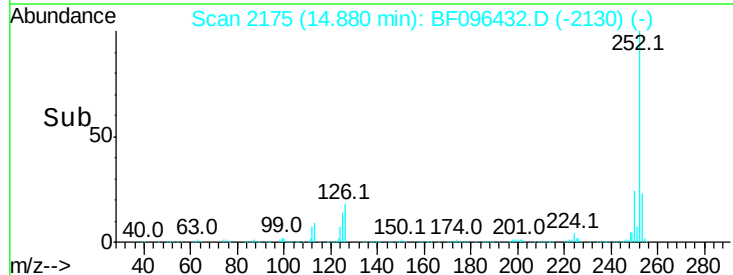
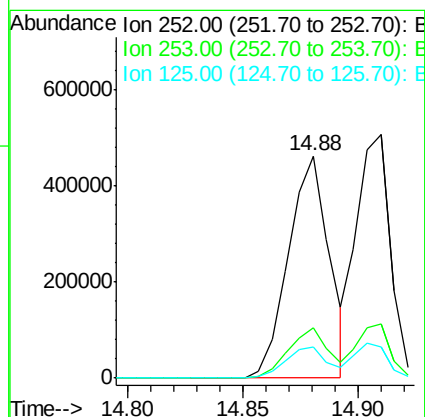
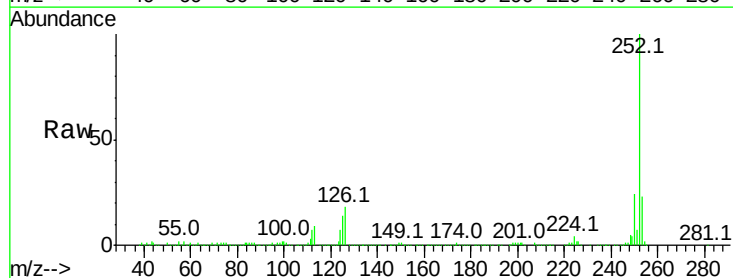
Instrument :
BNA_F
ClientSampleId :

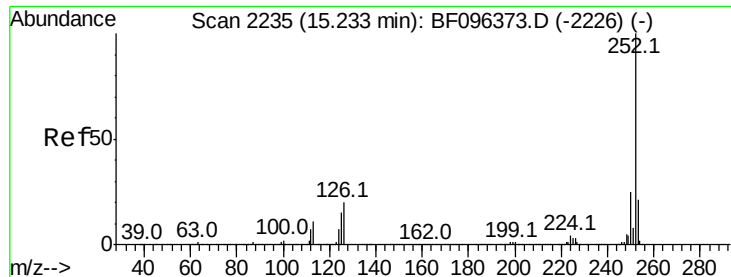
Tot Ion:252 Resp: 565705
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 13.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 47.46 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF096432.D
Acq: 3 Jul 2017 11:05

Tgt Ion:252 Resp: 565705
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 13.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 44.50 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

Instrument :

BNA_F

ClientSampled :

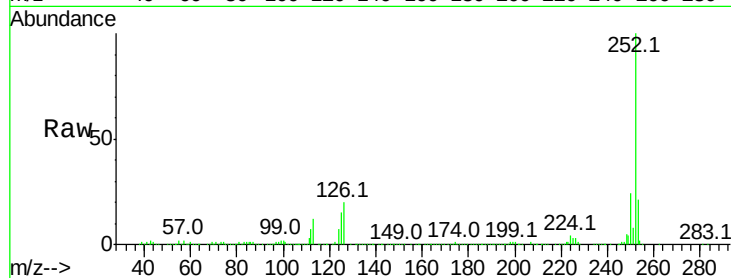
Tot Ion:252 Resp: 529326

Ion Ratio Lower Upper

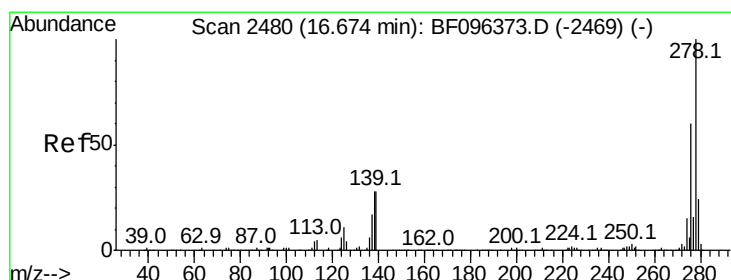
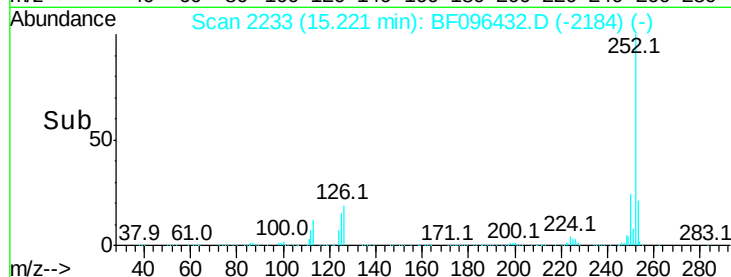
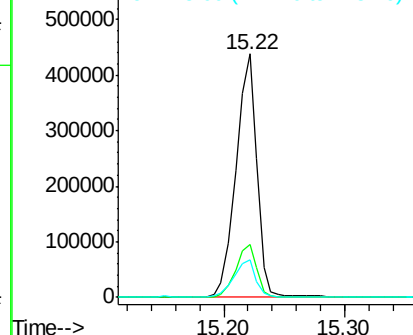
252 100

253 21.5 17.5 26.3

125 15.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.19 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.01 min

Lab File: BF096432.D

Acq: 3 Jul 2017 11:05

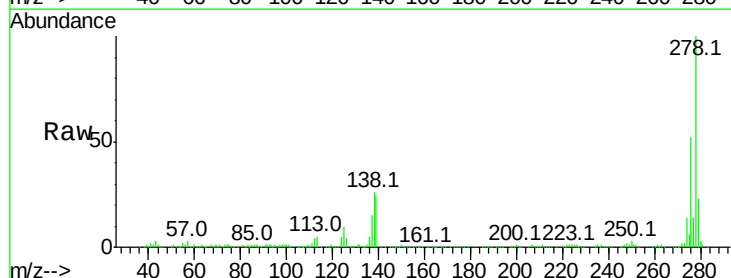
Tgt Ion:278 Resp: 497794

Ion Ratio Lower Upper

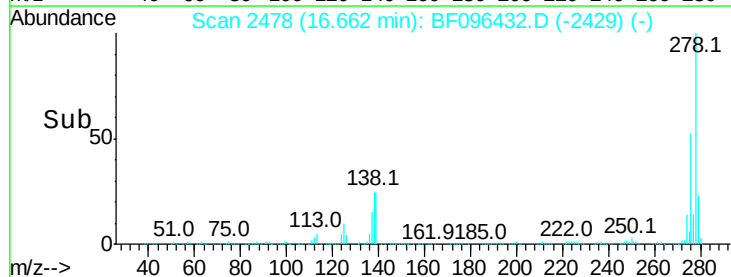
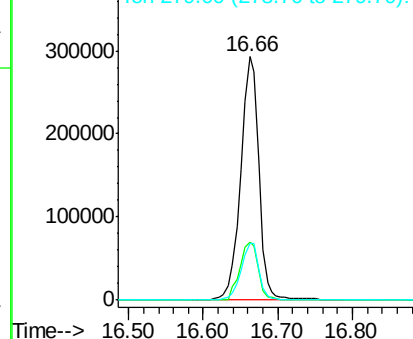
278 100

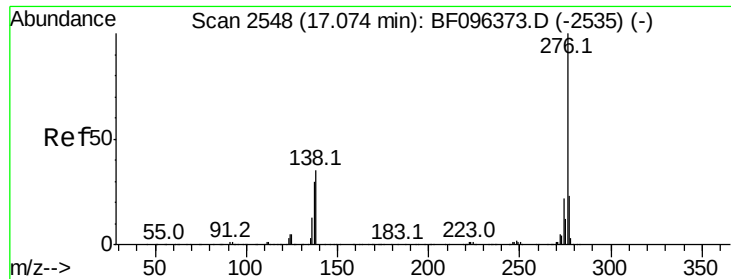
139 24.0 16.6 24.8

279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

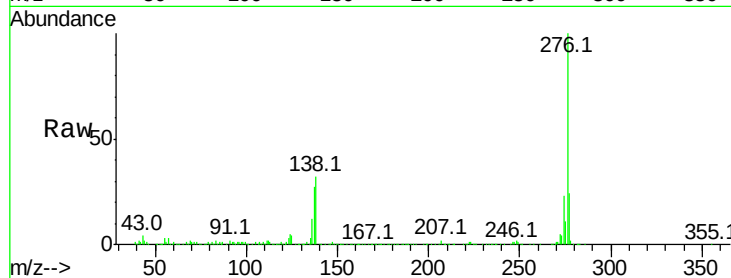




#91
 Benzo(a,h,i)perylene
 Concen: 56.21 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BF096432.D
 Acq: 3 Jul 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	32.0	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

