

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096555.D
 Acq On : 7 Jul 2017 13:26
 Operator : SJ/MA
 Sample : I4064-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 14:51:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105999	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	453761	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	229828	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	400190	20.00	ng	0.00
75) Chrysene-d12	13.84	240	221018	20.00	ng	0.00
86) Perylene-d12	15.24	264	206360	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	905013	126.02	ng	0.01
7) Phenol-d6	6.35	99	1002259	113.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	670470	88.79	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	214502	119.48	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1137030	84.59	ng	0.00
78) Terphenyl-d14	12.80	244	870760	84.19	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	128458	37.72	ng	# 76
3) Pyridine	3.10	79	315000	33.71	ng	# 67
4) n-Nitrosodimethylamine	3.04	42	210288	45.60	ng	# 81
6) Aniline	6.36	93	398790	34.95	ng	# 68
8) 2-Chlorophenol	6.49	128	317655	41.48	ng	# 95
9) Benzaldehyde	6.24	77	218523	39.55	ng	# 98
10) Phenol	6.36	94	404611	40.23	ng	# 76
11) bis(2-Chloroethyl)ether	6.44	93	301443	38.78	ng	# 93
12) 1,3-Dichlorobenzene	6.64	146	333626	41.55	ng	# 99
13) 1,4-Dichlorobenzene	6.72	146	340018	42.36	ng	# 95
14) 1,2-Dichlorobenzene	6.87	146	316456	42.94	ng	# 97
15) Benzyl Alcohol	6.85	79	264202	44.77	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	654720	41.43	ng	# 91
17) 2-Methylphenol	6.96	107	262943	43.08	ng	# 97
18) Hexachloroethane	7.21	117	133256	45.80	ng	# 81
19) n-Nitroso-di-n-propylamine	7.12	70	230869	43.89	ng	# 85
20) 3+4-Methylphenols	7.12	107	336735	49.46	ng	# 87
22) Acetophenone	7.11	105	454708	45.86	ng	# 94
24) Nitrobenzene	7.28	77	361186	45.59	ng	# 93
25) Isophorone	7.53	82	676748	46.22	ng	# 95
26) 2-Nitrophenol	7.60	139	199969	47.69	ng	# 87
27) 2,4-Dimethylphenol	7.65	122	335816	47.04	ng	# 95
28) bis(2-Chloroethoxy)methane	7.73	93	409783	42.40	ng	# 99
29) 2,4-Dichlorophenol	7.85	162	275125	44.66	ng	# 99
30) 1,2,4-Trichlorobenzene	7.93	180	251930	43.36	ng	# 99
31) Naphthalene	8.00	128	930951	43.46	ng	# 100
32) Benzoic acid	7.76	122	116283	19.39	ng	# 90
33) 4-Chloroaniline	8.05	127	336887	37.86	ng	# 96
34) Hexachlorobutadiene	8.13	225	131420	44.10	ng	# 98
35) Caprolactam	8.42	113	59920	28.21	ng	# 55
36) 4-Chloro-3-methylphenol	8.55	107	326695	47.93	ng	# 90
37) 2-Methylnaphthalene	8.70	142	692805	50.81	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	228808	38.34	ng	# 98
40) Hexachlorocyclopentadiene	8.85	237	224622	77.41	ng	# 99

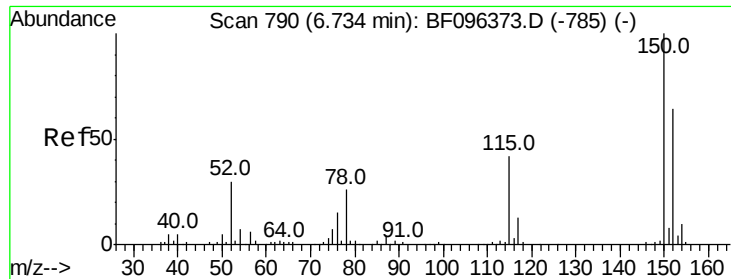
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	191172	40.50	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	198619	42.55	nq	98
45) 1,1'-Biphenyl	9.16	154	769924	39.10	nq	98
46) 2-Chloronaphthalene	9.18	162	602182	41.03	nq	# 93
47) 2-Nitroaniline	9.27	65	226630	42.44	nq	96
48) Acenaphthylene	9.60	152	908581	39.07	nq	97
49) Dimethylphthalate	9.46	163	821349	47.87	nq	99
50) 2,6-Dinitrotoluene	9.52	165	165759	43.69	nq	# 87
51) Acenaphthene	9.77	154	556736	38.84	nq	98
52) 3-Nitroaniline	9.69	138	170172	35.96	nq	92
53) 2,4-Dinitrophenol	9.79	184	93949	46.62	nq	# 72
54) Dibenzofuran	9.94	168	787142	41.59	nq	98
55) 4-Nitrophenol	9.86	139	281720	71.83	nq	# 63
56) 2,4-Dinitrotoluene	9.93	165	203729	42.40	nq	# 90
57) Fluorene	10.28	166	560850	41.96	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	154471	47.83	nq	# 99
59) Diethylphthalate	10.16	149	691647	42.65	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	236380	40.65	nq	93
61) 4-Nitroaniline	10.30	138	176748	41.08	nq	91
62) Azobenzene	10.43	77	626553	39.96	nq	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	83282	30.18	nq	82
65) n-Nitrosodiphenylamine	10.39	169	542221	38.62	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	159232	40.87	nq	96
67) Hexachlorobenzene	10.83	284	166097	38.95	nq	# 94
68) Atrazine	10.92	200	169342	42.21	nq	94
69) Pentachlorophenol	11.02	266	166125	65.73	nq	98
70) Phenanthrene	11.24	178	905506	41.86	nq	100
71) Anthracene	11.29	178	928270	42.11	nq	99
72) Carbazole	11.44	167	907440	40.93	nq	98
73) Di-n-butylphthalate	11.78	149	1120500	41.73	nq	99
74) Fluoranthene	12.42	202	895846	42.24	nq	98
76) Benzidine	12.54	184	438093	41.31	nq	# 92
77) Pyrene	12.65	202	903832	50.95	nq	98
79) Butylbenzylphthalate	13.27	149	449690	50.07	nq	# 85
80) Benzo(a)anthracene	13.83	228	579513	45.28	nq	98
81) 3,3'-Dichlorobenzidine	13.79	252	175413	33.37	nq	# 95
82) Chrysene	13.87	228	595222	44.41	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	524158	52.29	nq	# 100
84) Di-n-octyl phthalate	14.44	149	930676	47.15	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.60	276	568521	53.74	nq	97
87) Benzo(b)fluoranthene	14.84	252	536422	41.49	nq	# 97
88) Benzo(k)fluoranthene	14.87	252	441198	38.14	nq	97
89) Benzo(a)pyrene	15.19	252	463292	40.13	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	460766	50.73	nq	96
91) Benzo(g,h,i)perylene	17.00	276	503930	53.55	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampled :

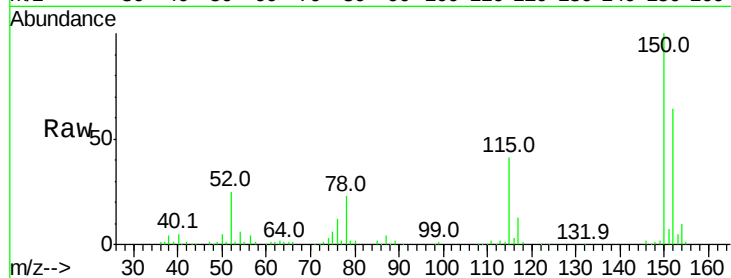
Tot Ion:152 Resp: 105999

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

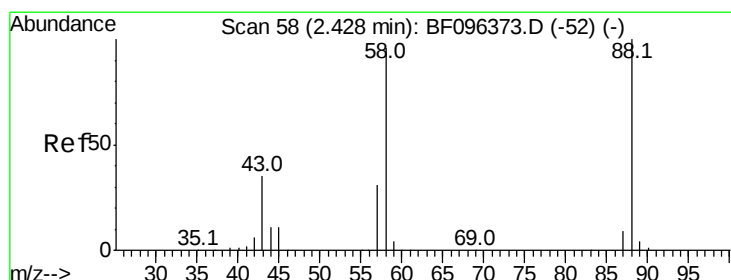
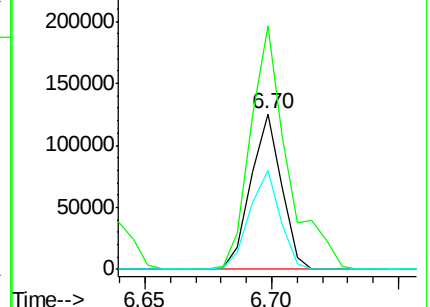
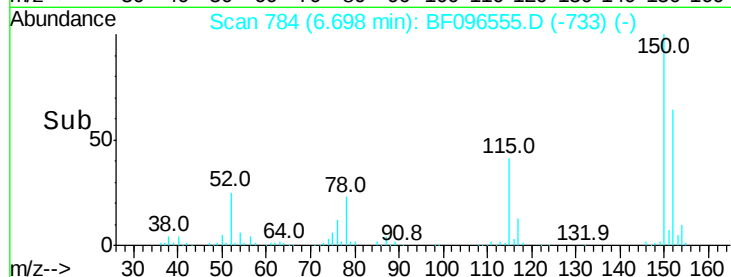
115 63.9 52.2 78.2



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: 37.72 ng

RT: 2.40 min Scan# 54

Delta R.T. 0.04 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

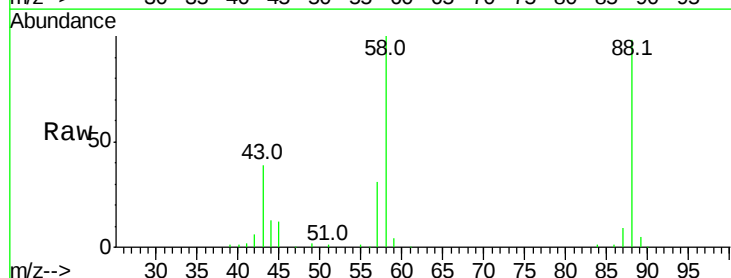
Tgt Ion: 88 Resp: 128458

Ion Ratio Lower Upper

88 100

58 100.9 61.4 92.0#

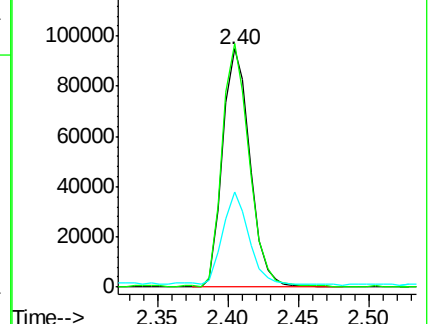
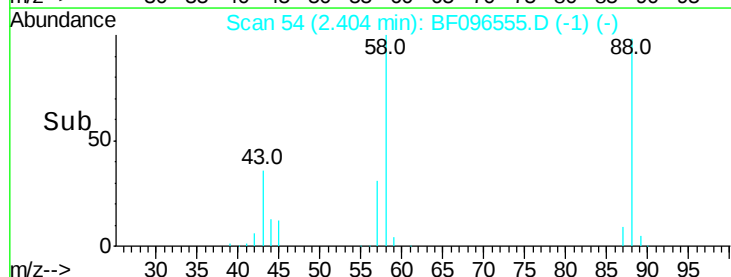
43 36.0 23.4 35.0#

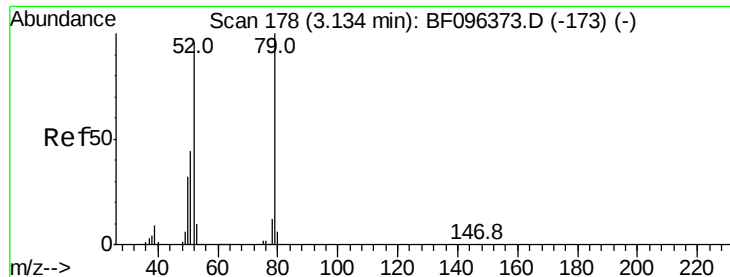


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.71 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.05 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

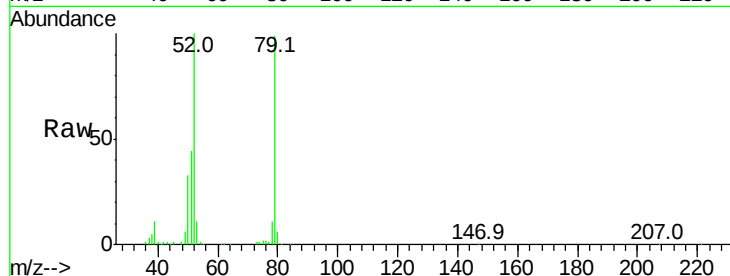
Tot Ion: 79 Resp: 315000

Ion Ratio Lower Upper

79 100

52 101.1 54.8 82.2#

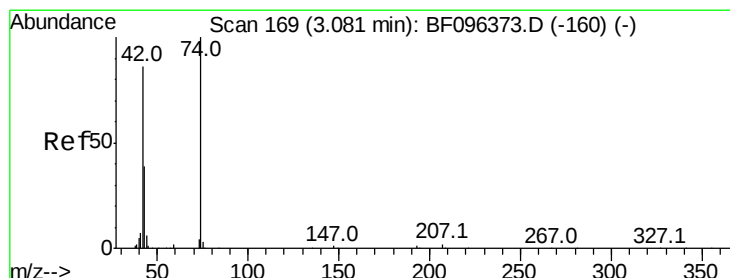
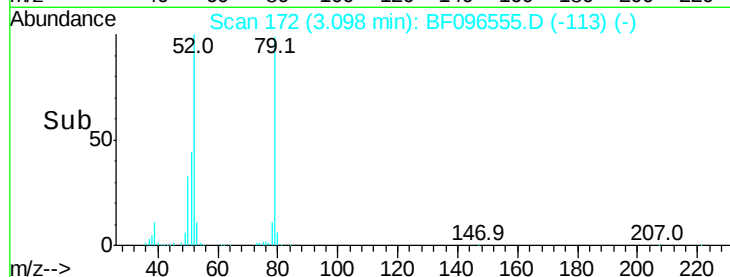
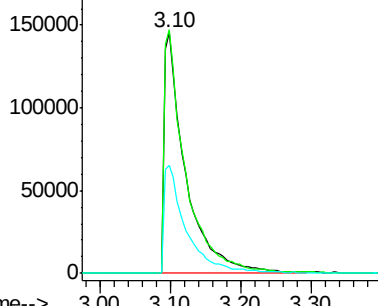
51 44.8 27.0 40.4#



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: 45.60 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.04 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

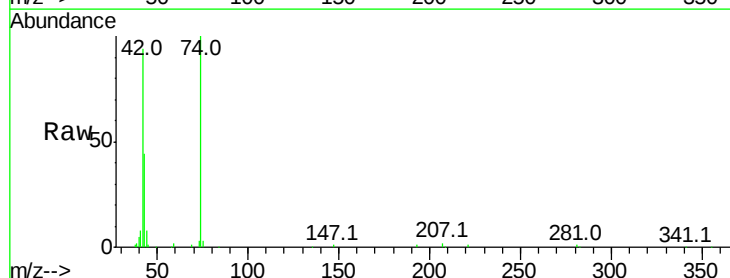
Tgt Ion: 42 Resp: 210288

Ion Ratio Lower Upper

42 100

74 106.4 103.9 155.9

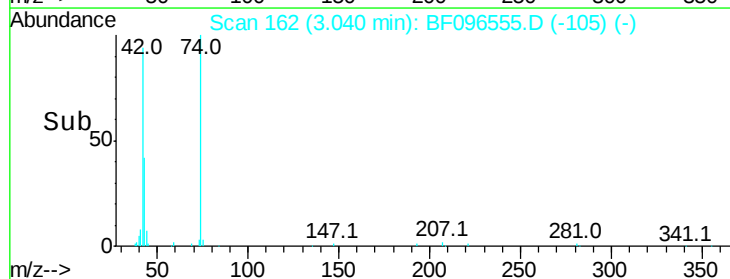
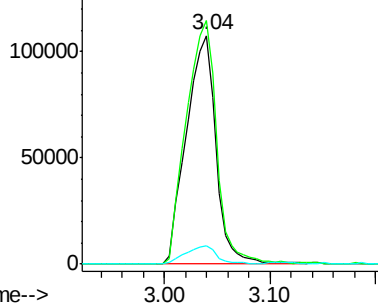
44 8.3 5.7 8.5

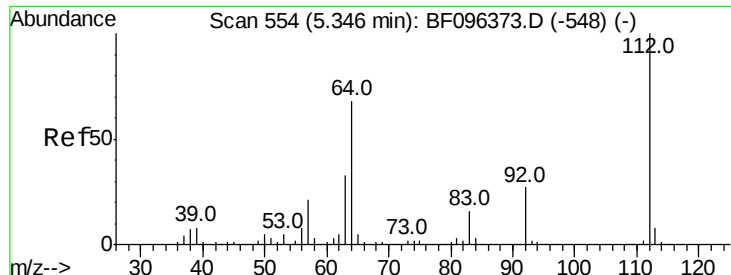


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.02 ng

RT: 5.32 min Scan# 550

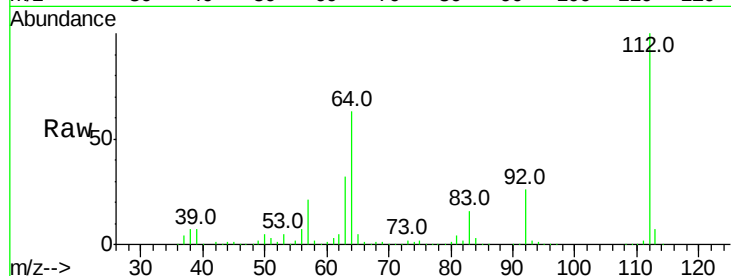
Delta R.T. 0.01 min

Lab File: BF096555.D

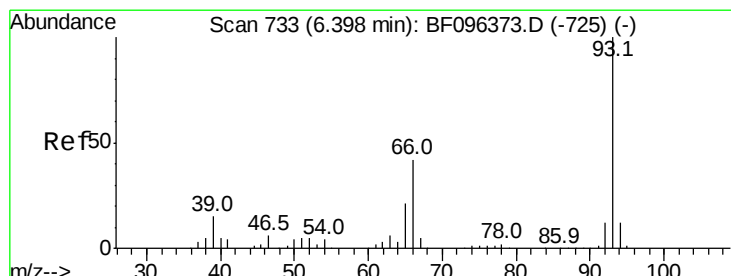
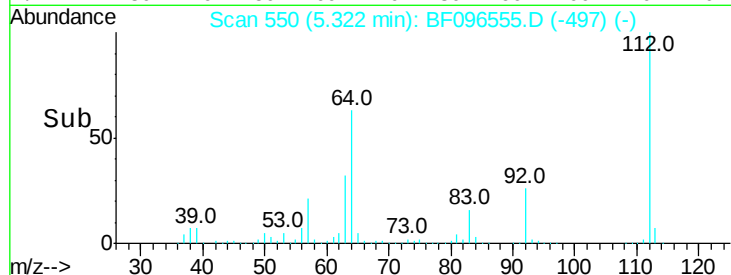
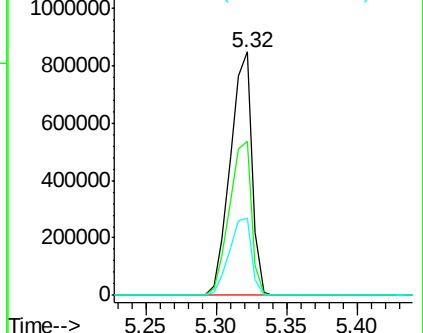
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	905013
Ion	Ratio	Lower	Upper
112	100		
64	63.1	46.0	69.0
63	31.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 34.95 ng

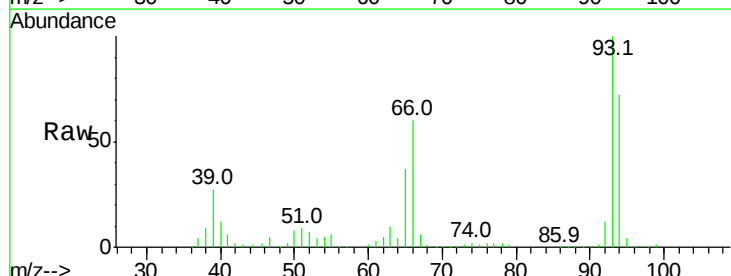
RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

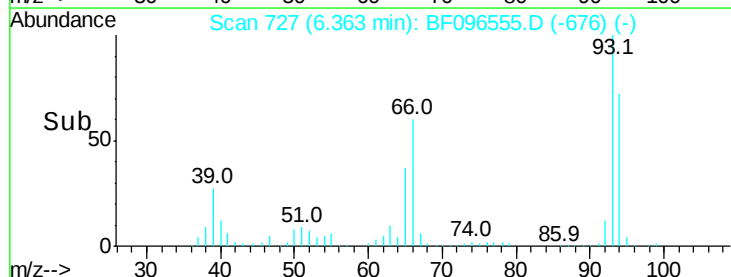
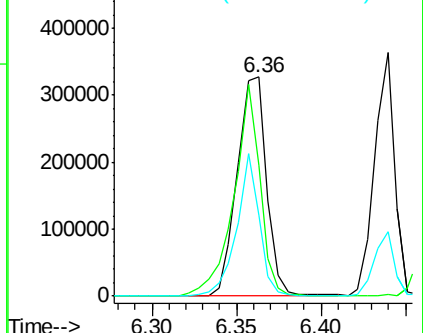
Lab File: BF096555.D

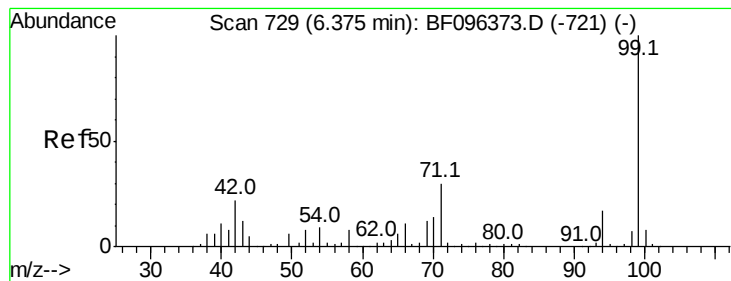
Acq: 7 Jul 2017 13:26

Tgt Ion:	93	Resp:	398790
Ion	Ratio	Lower	Upper
93	100		
66	59.6	32.9	49.3#
65	36.9	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 113.52 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

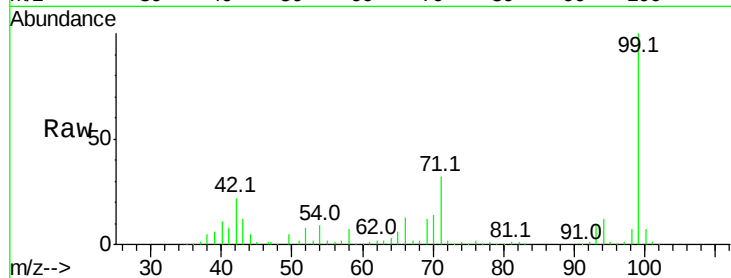
Instrument :

BNA_F

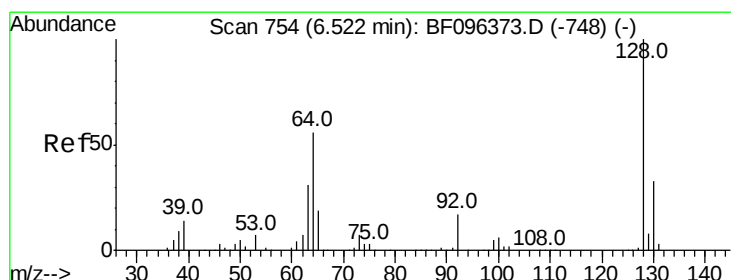
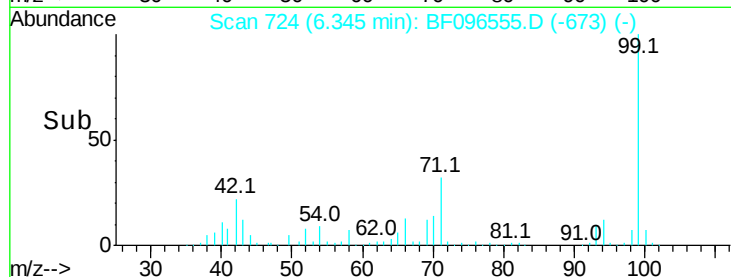
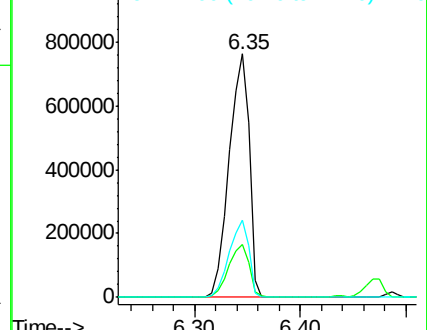
ClientSampleId :

Tot Ion: 99 Resp: 1002259

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	31.8	24.5	36.7



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



#8

2-Chlorophenol

Concen: 41.48 ng

RT: 6.49 min Scan# 748

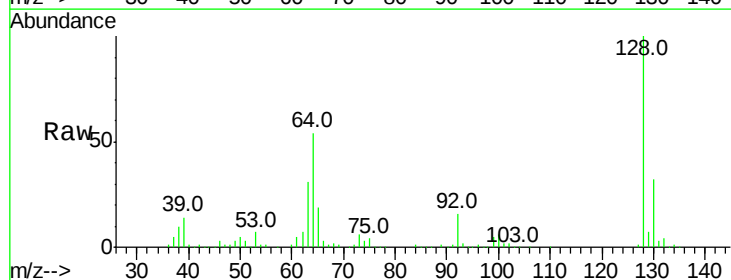
Delta R.T. -0.00 min

Lab File: BF096555.D

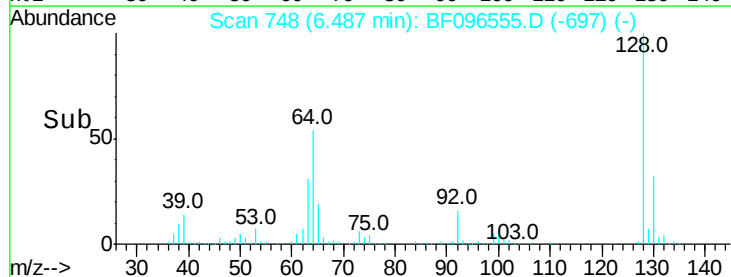
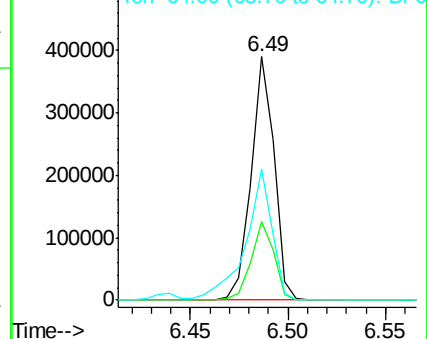
Acq: 7 Jul 2017 13:26

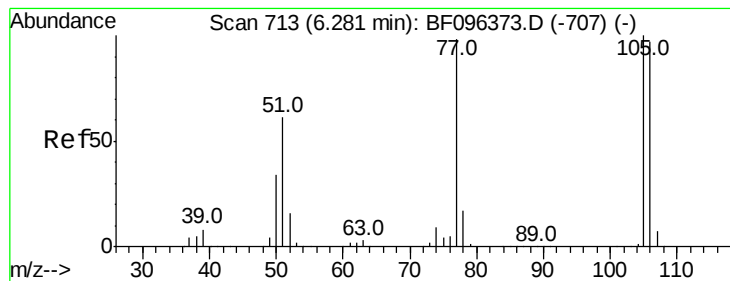
Tgt Ion:128 Resp: 317655

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	53.6	28.4	68.4



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





#9

Benzaldehyde

Concen: 39.55 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampled :

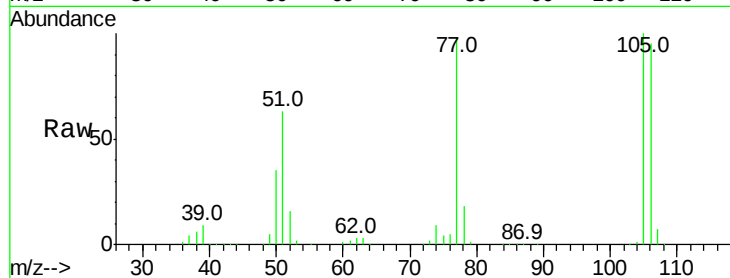
Tot Ion: 77 Resp: 218523

Ion Ratio Lower Upper

77 100

105 101.8 83.8 123.8

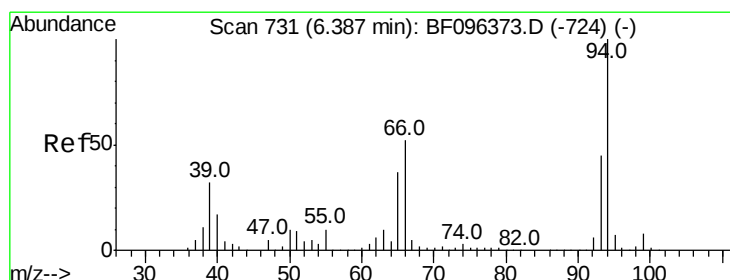
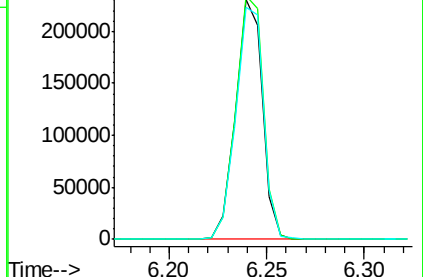
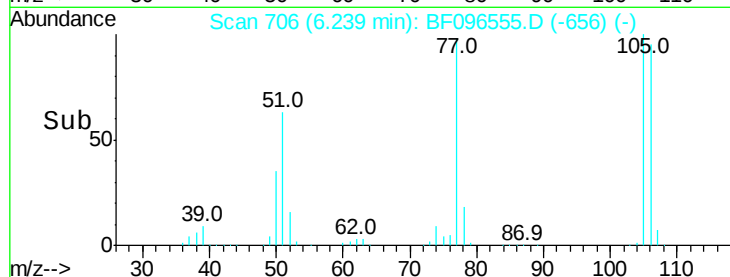
106 97.0 79.1 119.1



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: 40.23 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

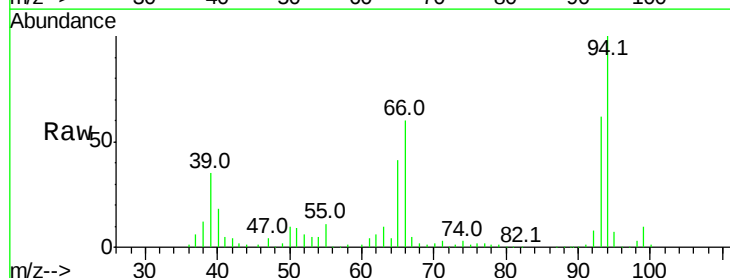
Tgt Ion: 94 Resp: 404611

Ion Ratio Lower Upper

94 100

65 40.9 9.9 49.9

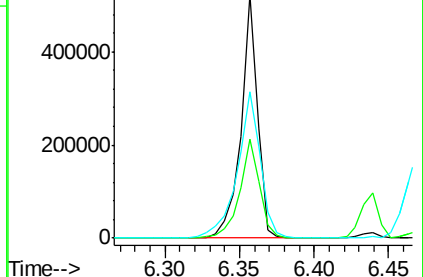
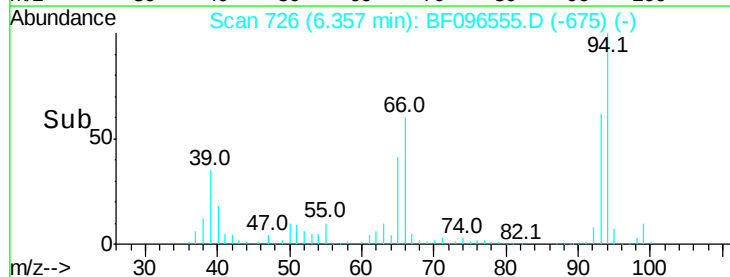
66 60.3 23.1 63.1

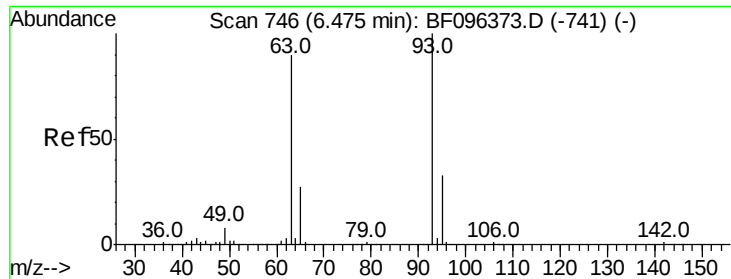


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.78 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampled :

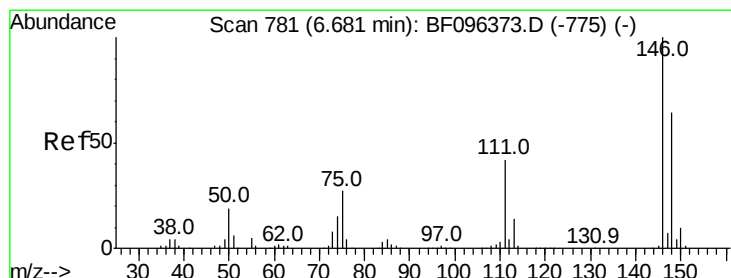
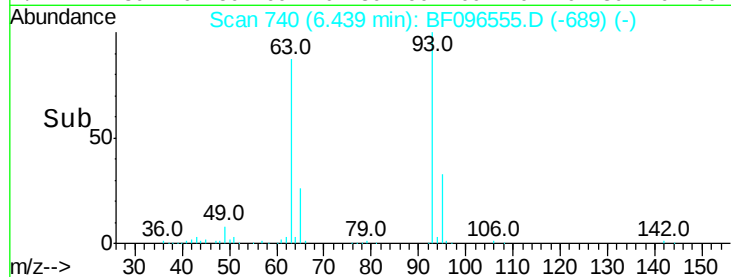
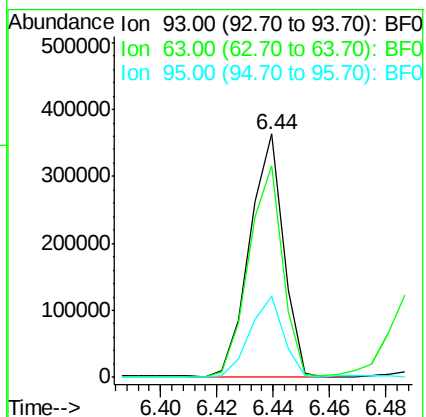
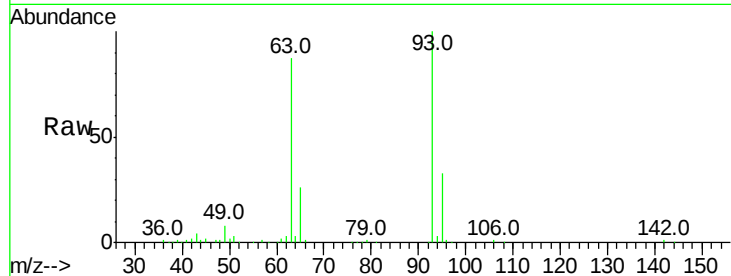
Tot Ion: 93 Resp: 301443

Ion Ratio Lower Upper

93 100

63 87.1 59.2 99.2

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.55 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

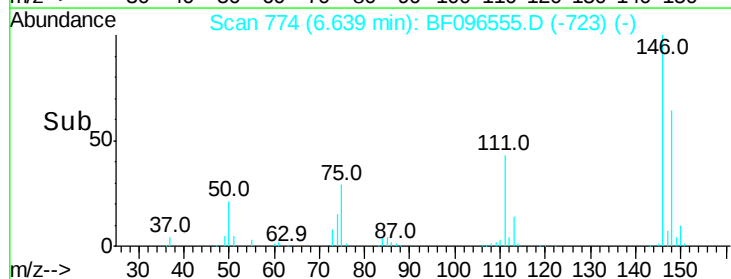
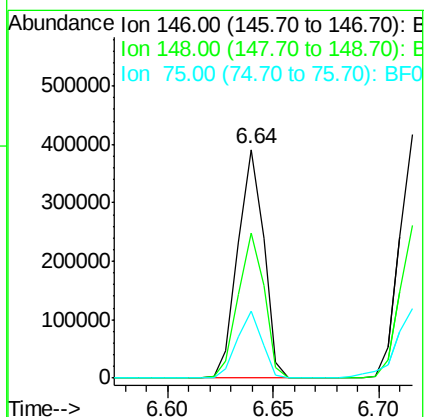
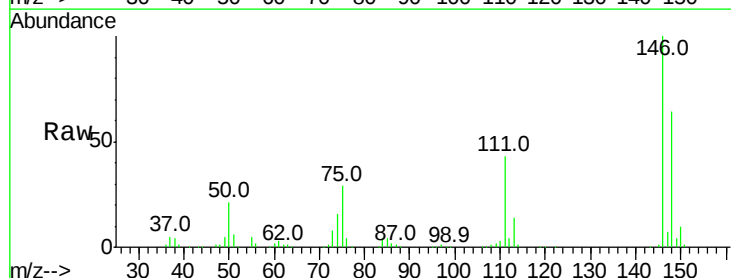
Tgt Ion:146 Resp: 333626

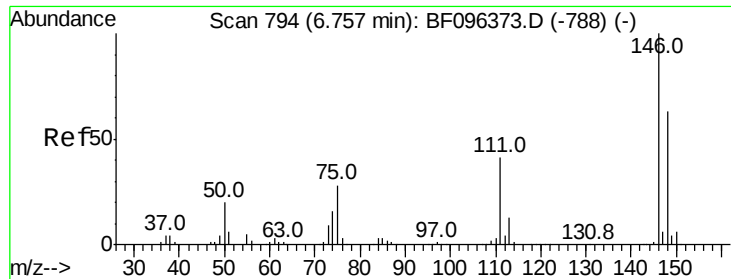
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 29.1 23.1 34.7

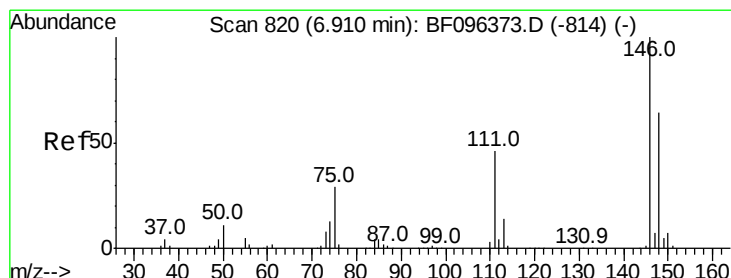
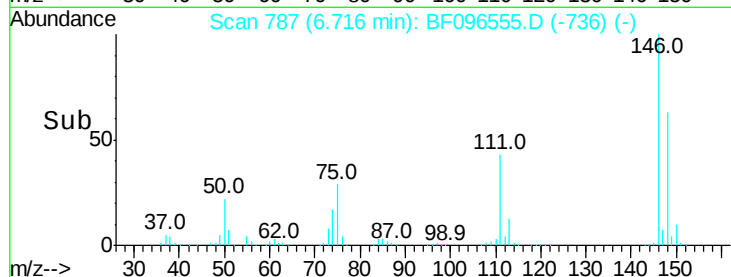
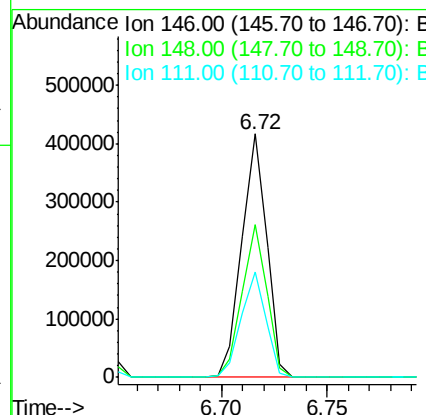
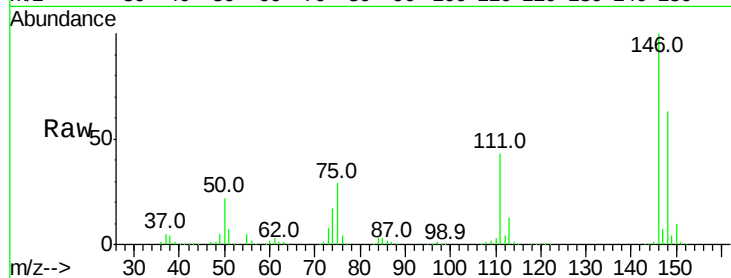




#13
 1,4-Dichlorobenzene
 Concen: 42.36 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

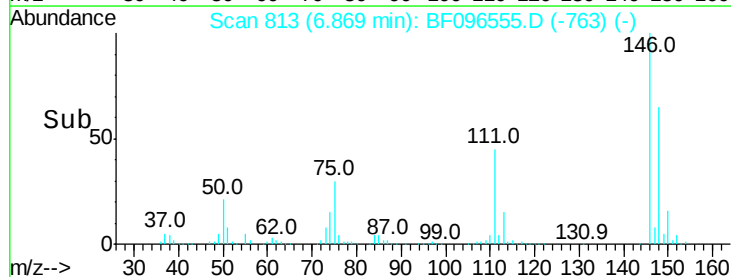
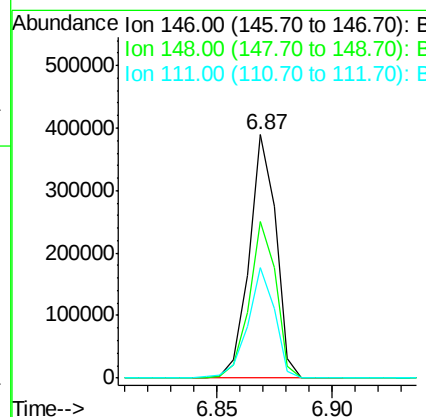
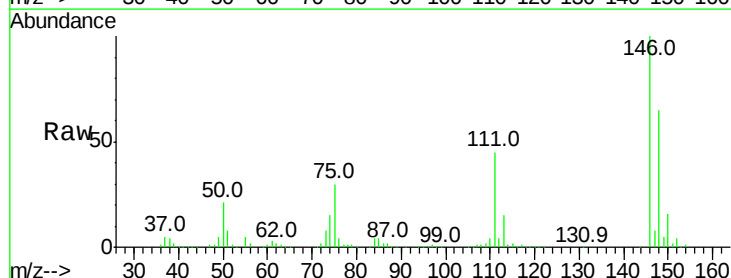
Instrument :
 BNA_F
 ClientSampleId :

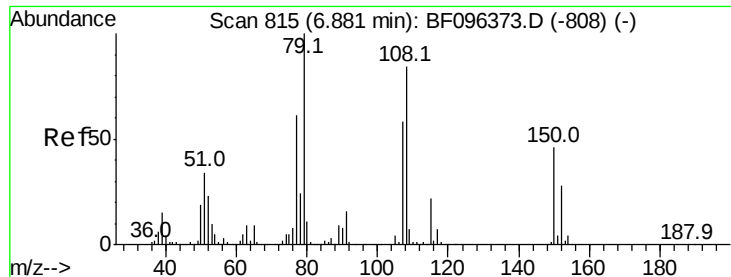
Tot Ion:146 Resp: 340018
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.2
 111 43.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.94 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:146 Resp: 316456
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 45.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 44.77 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

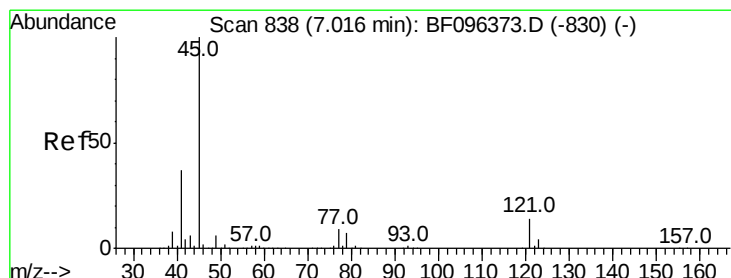
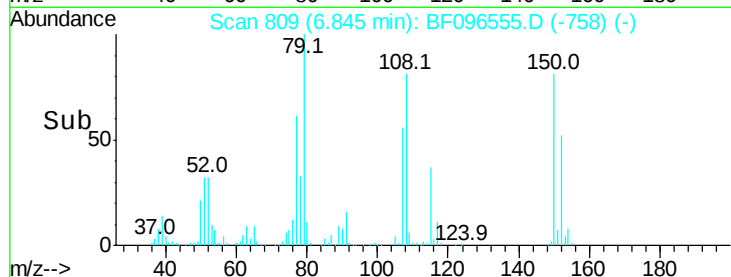
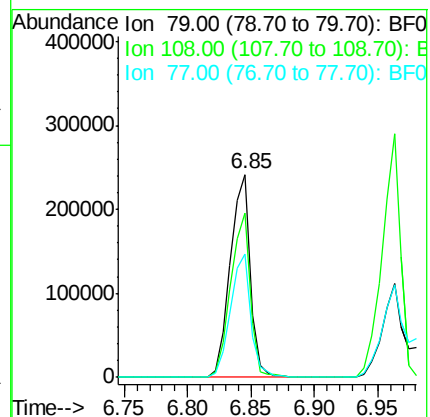
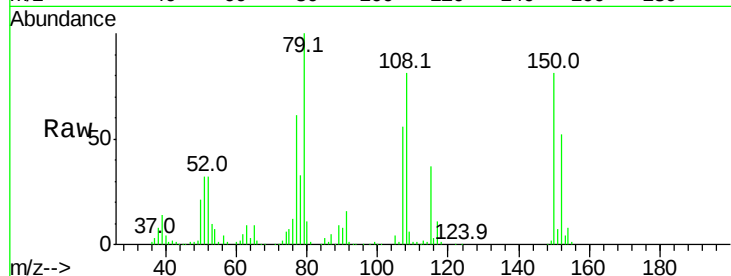
Tot Ion: 79 Resp: 264202

Ion Ratio Lower Upper

79 100

108 81.3 63.4 95.0

77 60.7 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.43 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

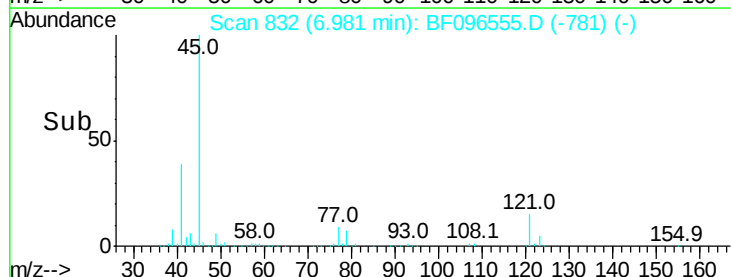
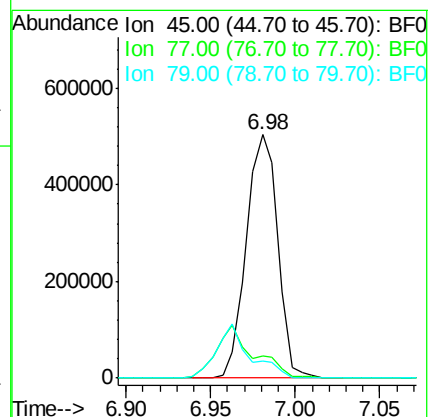
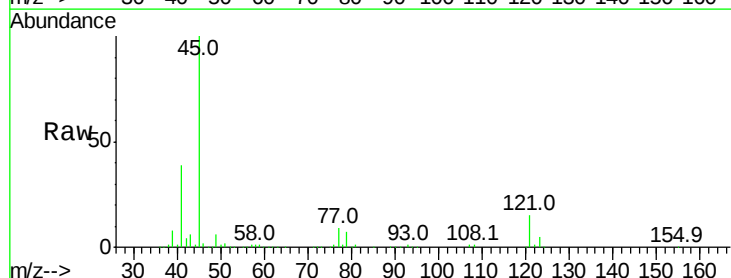
Tgt Ion: 45 Resp: 654720

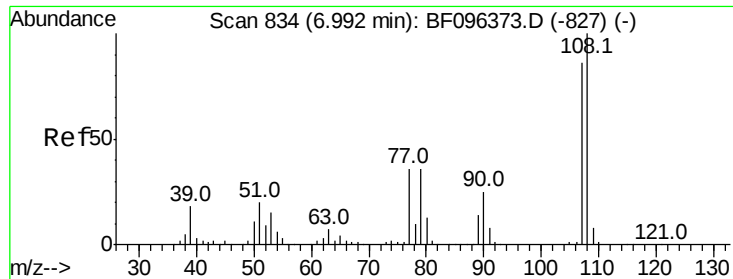
Ion Ratio Lower Upper

45 100

77 9.3 0.0 33.2

79 7.2 0.0 30.0

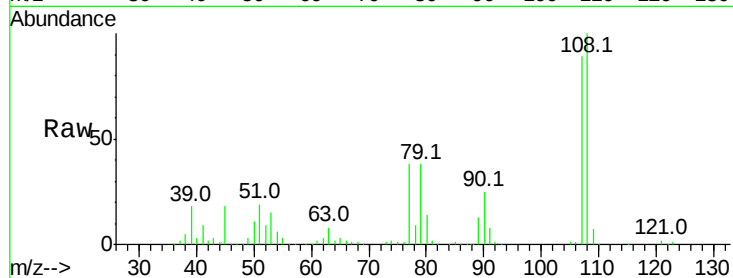




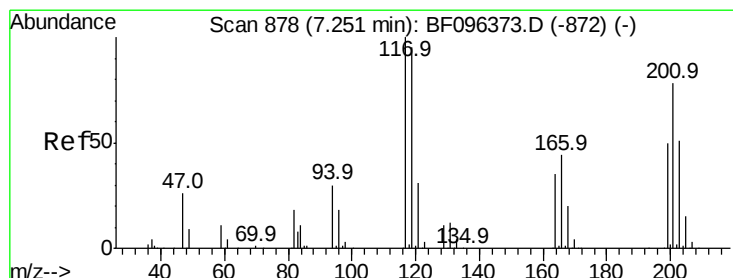
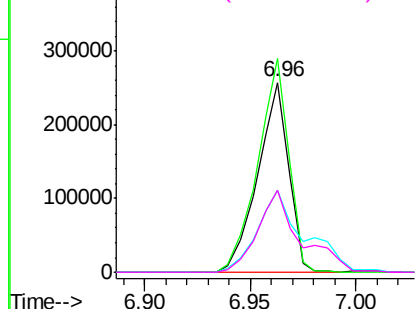
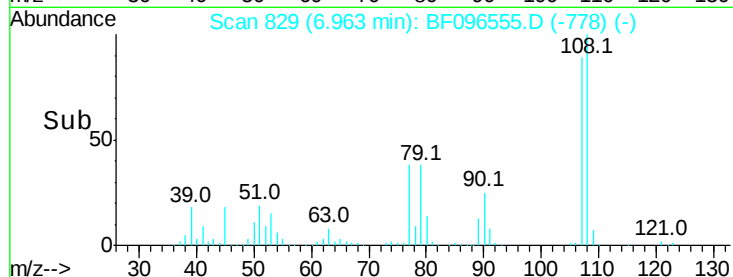
#17
2-Methylphenol
Concen: 43.08 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 262943
Ion Ratio Lower Upper
107 100
108 112.7 93.4 140.0
77 42.9 35.8 53.6
79 43.3 34.8 52.2

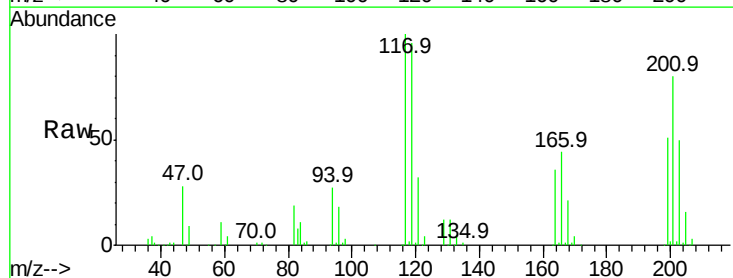


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

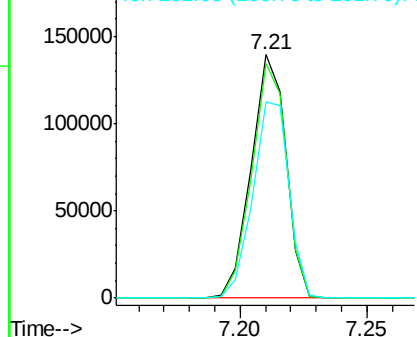
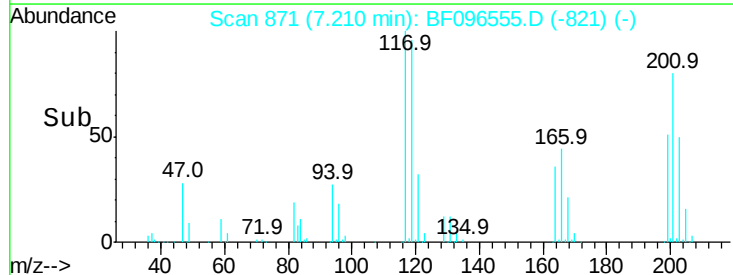


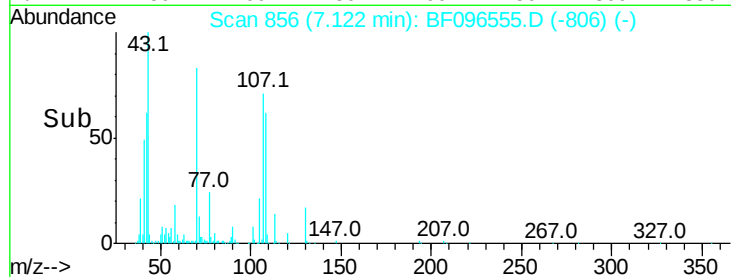
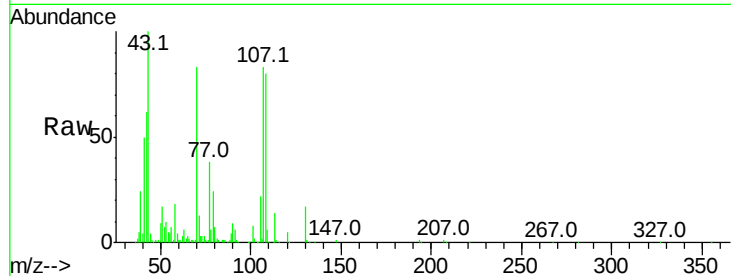
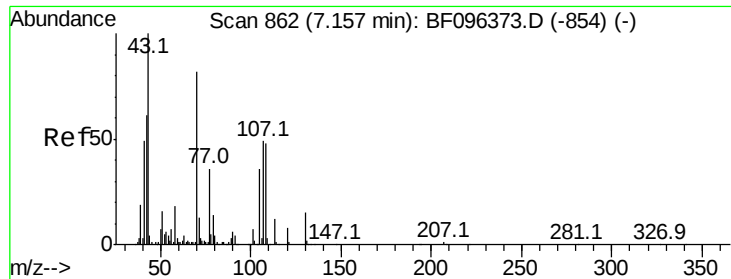
#18
Hexachloroethane
Concen: 45.80 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:117 Resp: 133256
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0
201 80.5 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

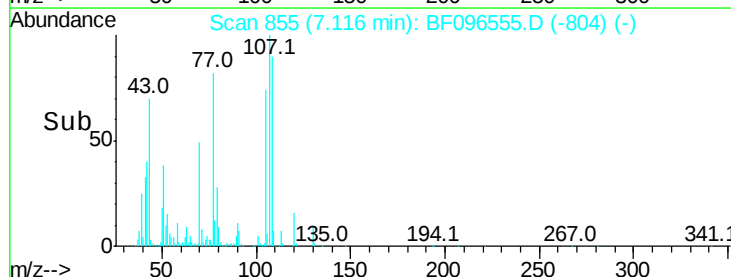
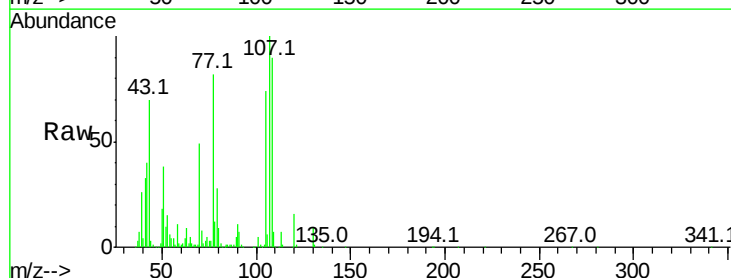
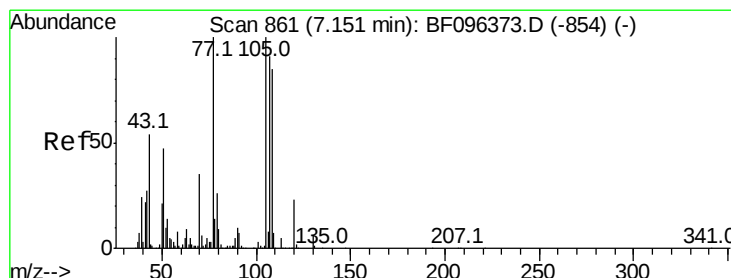
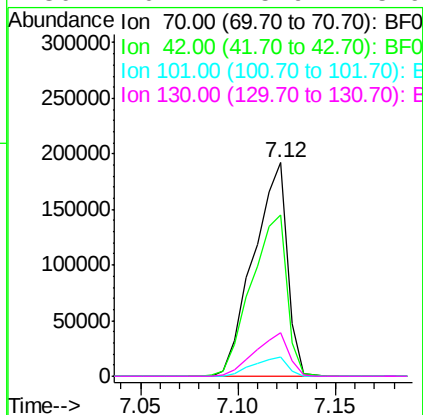




#19
n-Nitroso-di-n-propylamine
Concen: 43.89 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

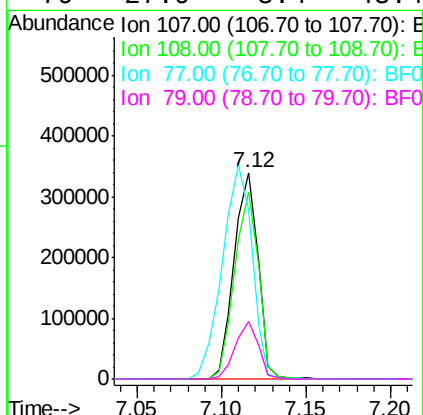
Instrument :
BNA_F
ClientSampleId :

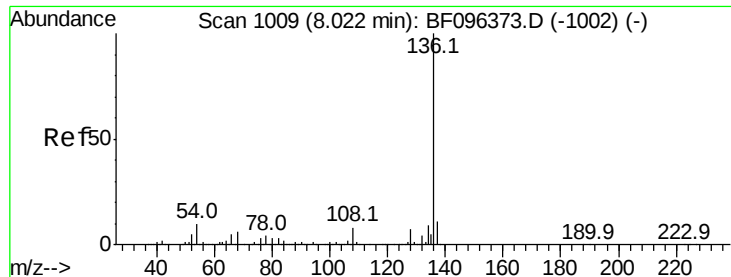
Tot Ion:	70	Resp:	230869
Ion	Ratio	Lower	Upper
70	100		
42	75.3	47.2	70.8#
101	9.3	7.2	10.8
130	20.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 49.46 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:	107	Resp:	336735
Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.0	111.0
77	81.9	90.5	130.5#
79	27.9	8.4	48.4

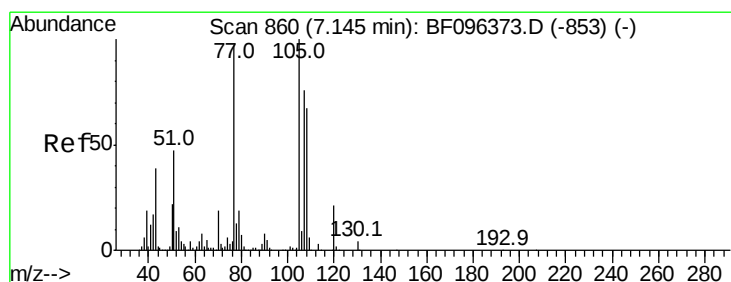
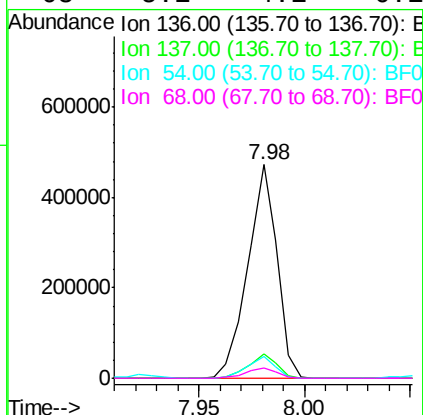
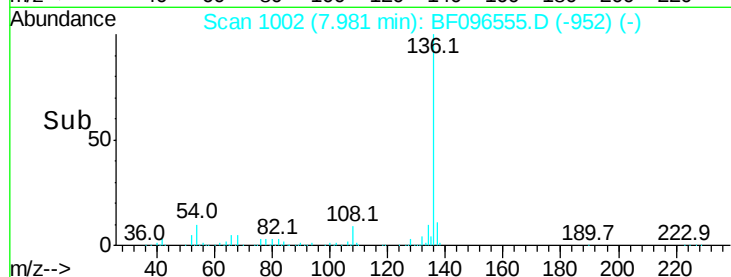
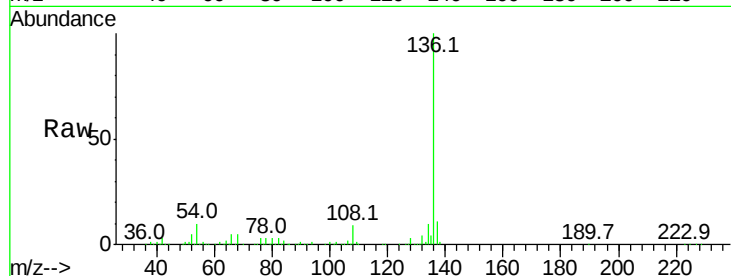




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

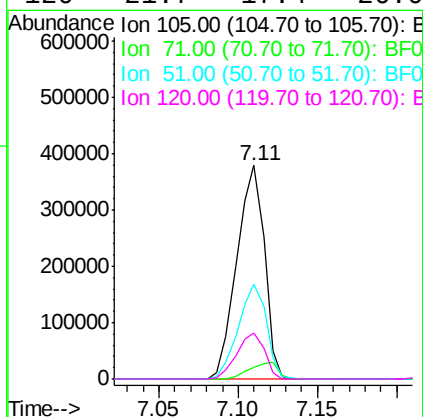
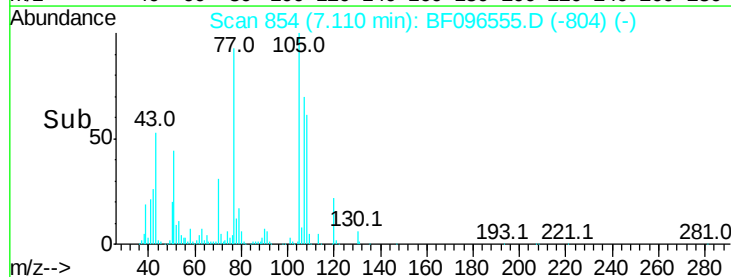
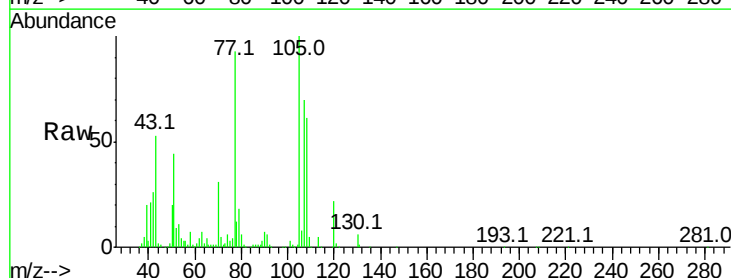
Instrument :
BNA_F
ClientSampleId :

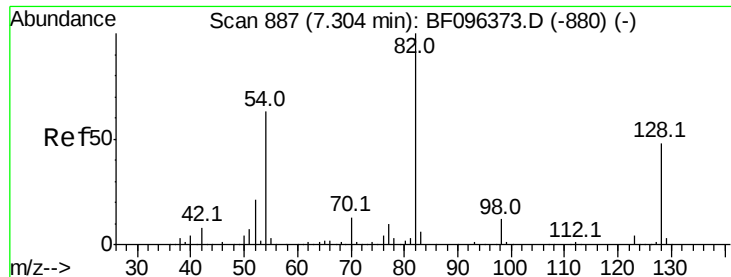
Tot Ion:136	Resp:	453761
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	10.2	4.9 7.3#
68	5.1	4.1 6.1



#22
Acetophenone
Concen: 45.86 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:105	Resp:	454708
Ion Ratio	Lower	Upper
105	100	
71	5.4	2.8 4.2#
51	44.2	30.7 46.1
120	21.7	17.4 26.0

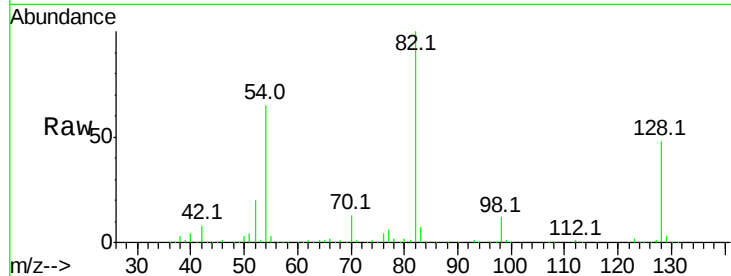




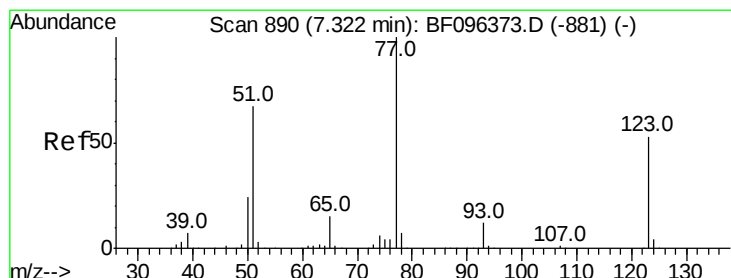
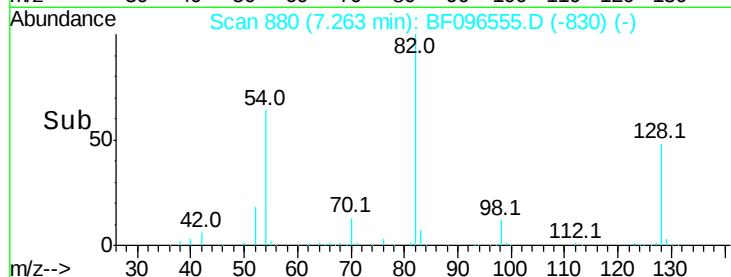
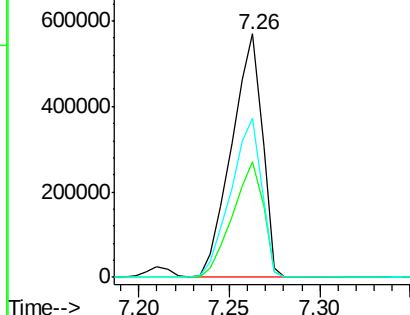
#23
Nitrobenzene-d5
Concen: 88.79 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 670470
Ion Ratio Lower Upper
82 100
128 47.6 34.0 51.0
54 65.3 42.2 63.2#

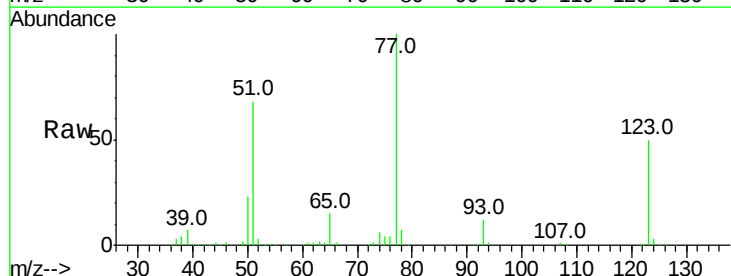


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

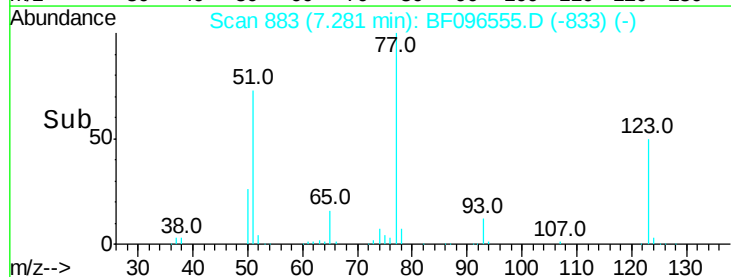
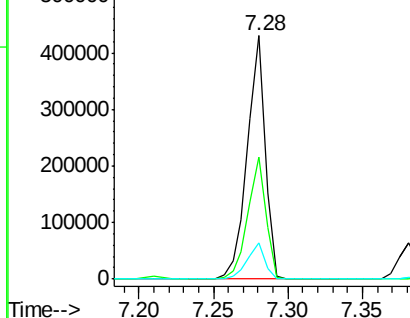


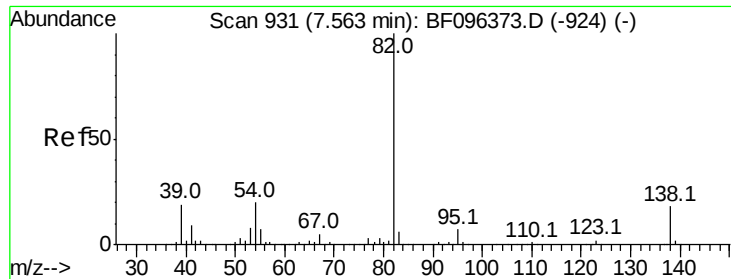
#24
Nitrobenzene
Concen: 45.59 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion: 77 Resp: 361186
Ion Ratio Lower Upper
77 100
123 50.2 35.8 53.8
65 14.8 10.6 15.8



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





#25

Isophorone

Concen: 46.22 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :

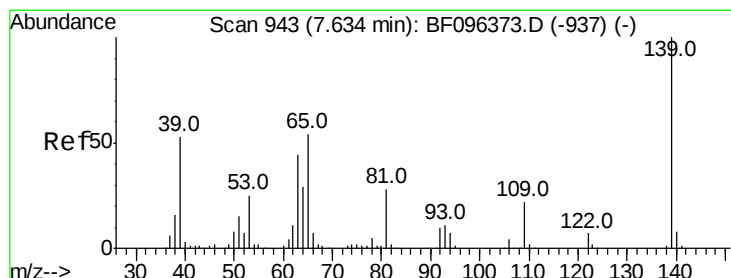
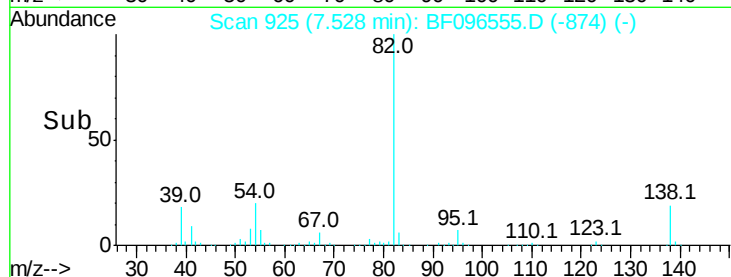
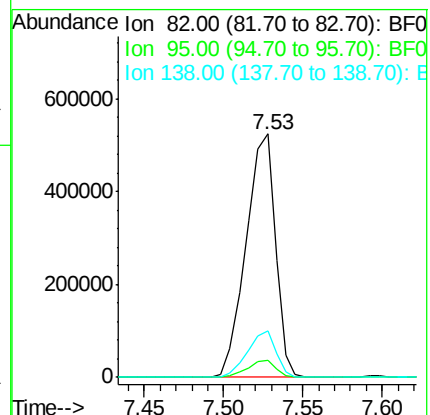
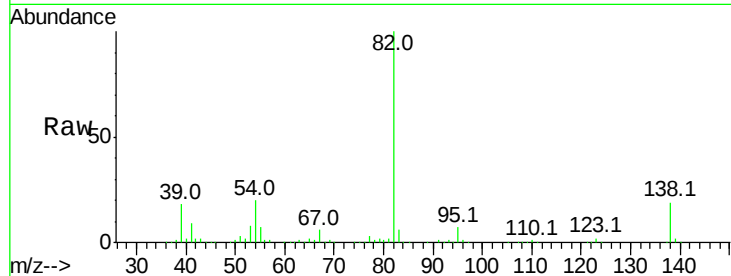
Tot Ion: 82 Resp: 676748

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 47.69 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

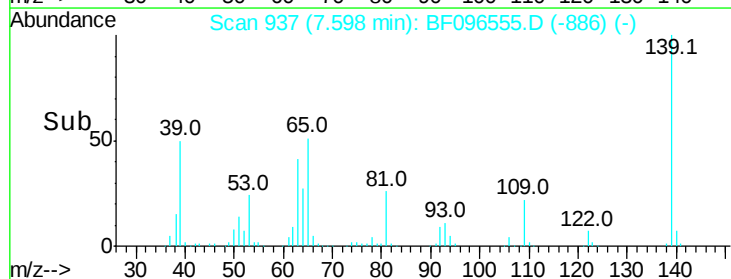
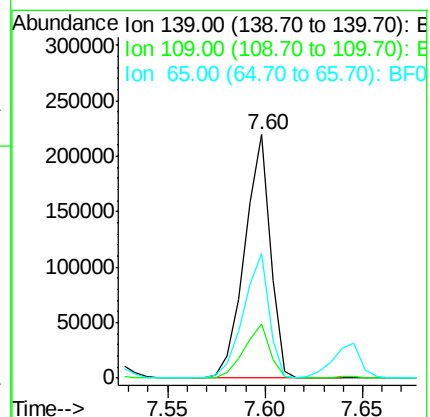
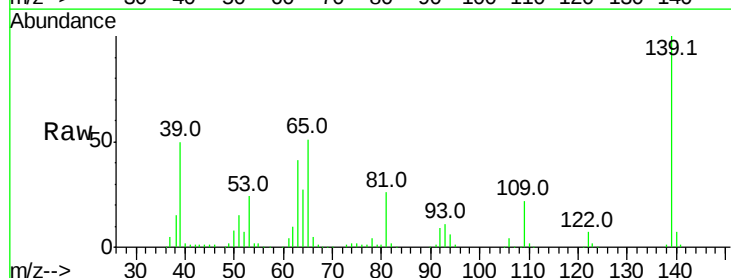
Tgt Ion: 139 Resp: 199969

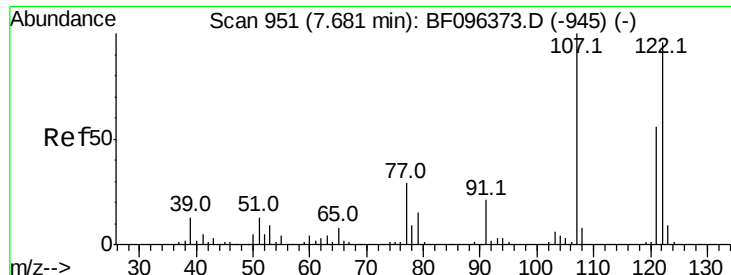
Ion Ratio Lower Upper

139 100

109 22.4 21.0 31.6

65 51.2 33.0 49.6#

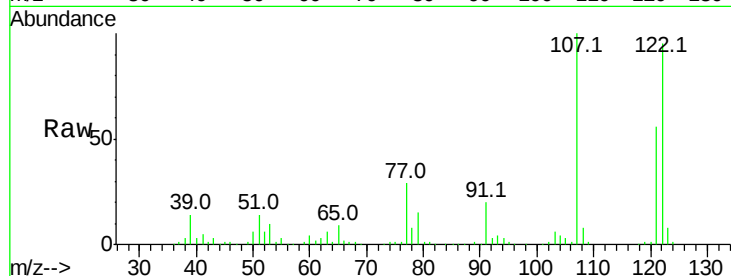




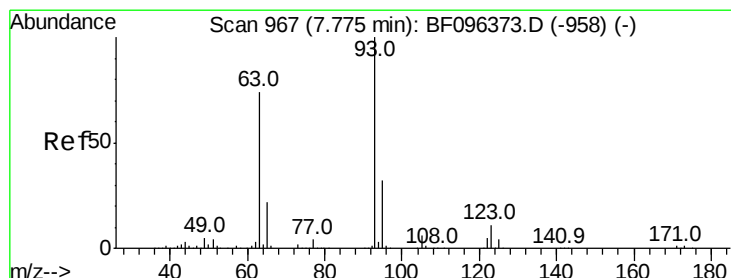
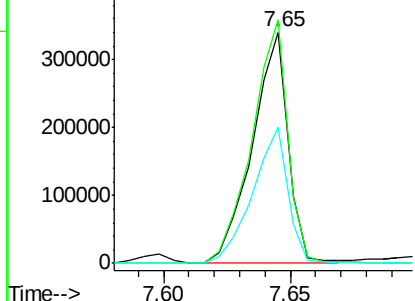
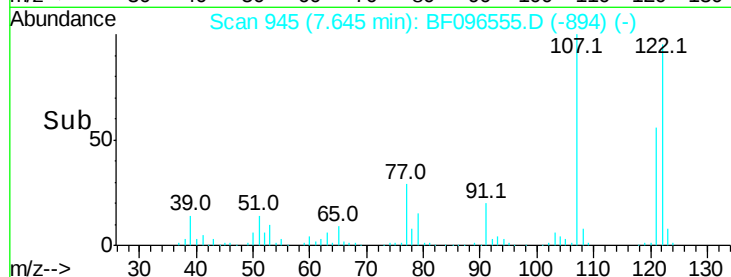
#27
 2,4-Dimethylphenol
 Concen: 47.04 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 335816
 Ion Ratio Lower Upper
 122 100
 107 105.2 89.2 133.8
 121 58.9 45.2 67.8

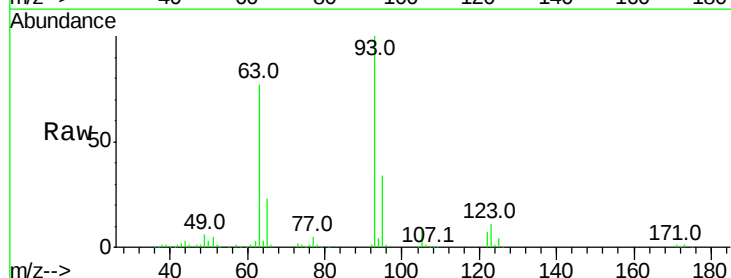


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

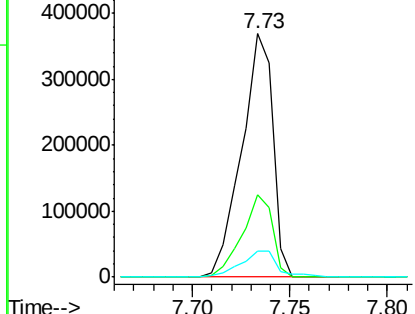
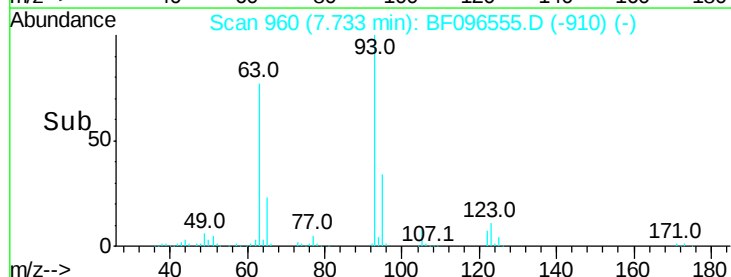


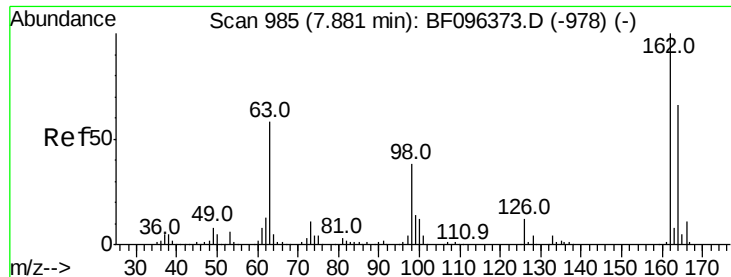
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.40 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion: 93 Resp: 409783
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.5 39.7
 123 10.8 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

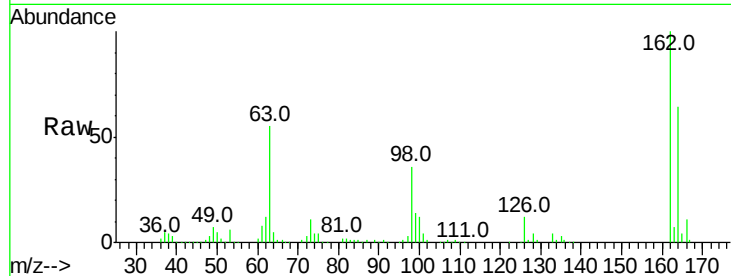




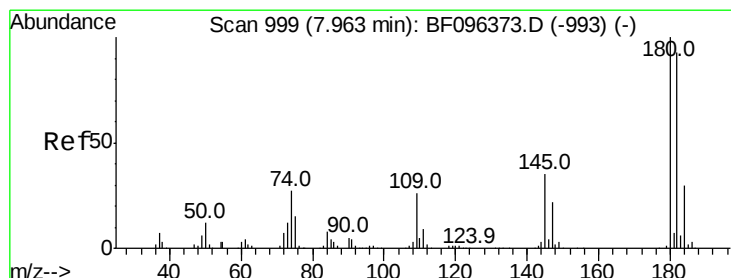
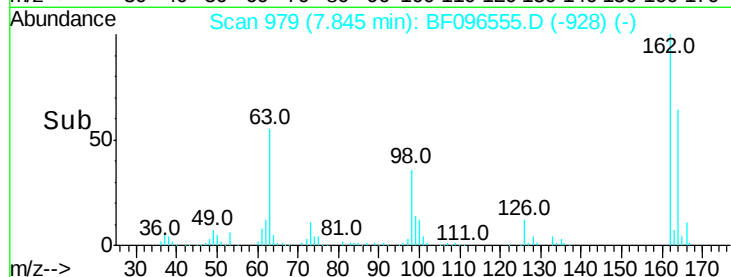
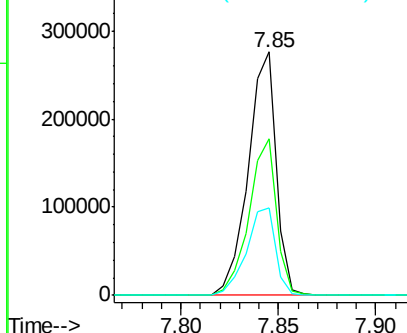
#29
 2,4-Dichlorophenol
 Concen: 44.66 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	35.7	14.8	54.8

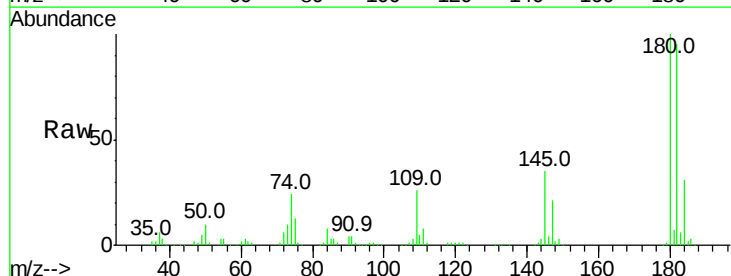


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

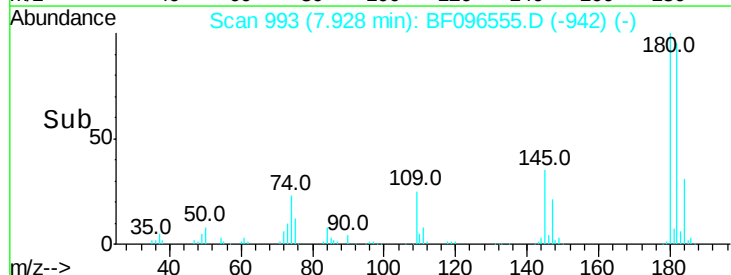
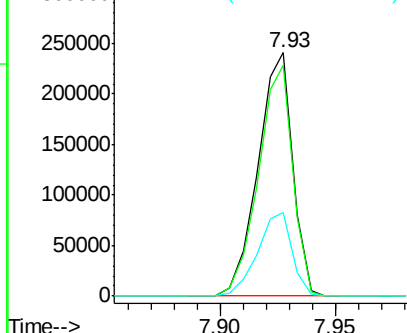


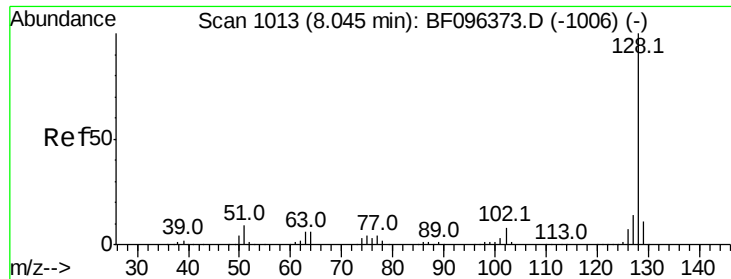
#30
 1,2,4-Trichlorobenzene
 Concen: 43.36 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	34.5	25.3	37.9



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

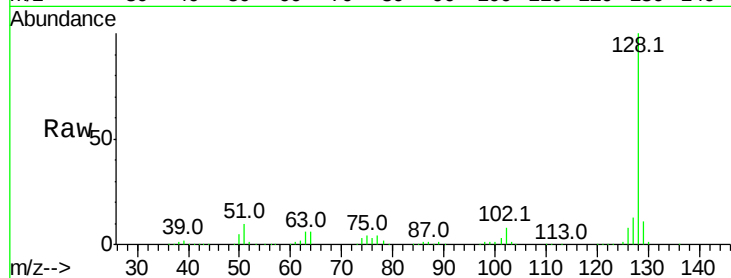




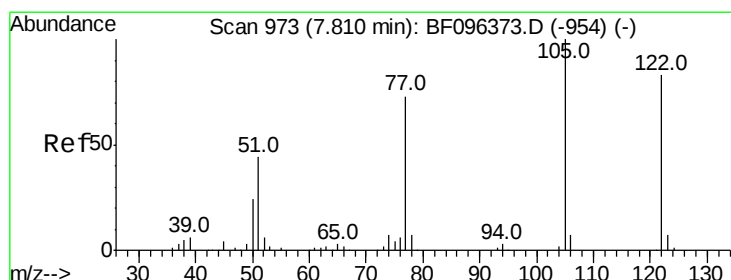
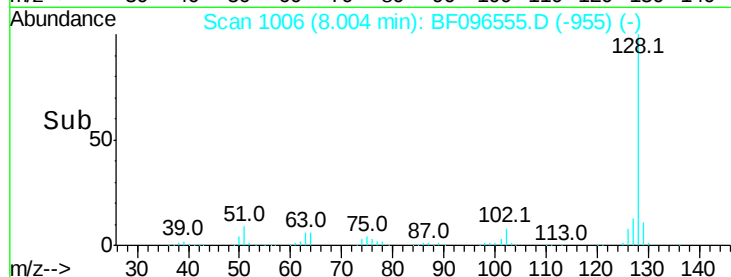
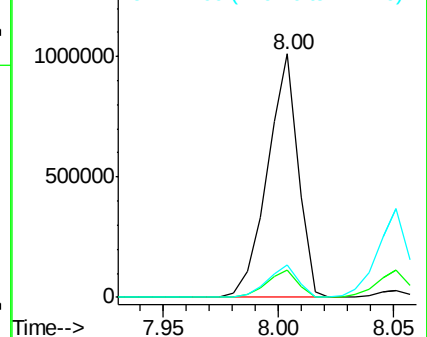
#31
Naphthalene
Concen: 43.46 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 930951
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.8 16.2

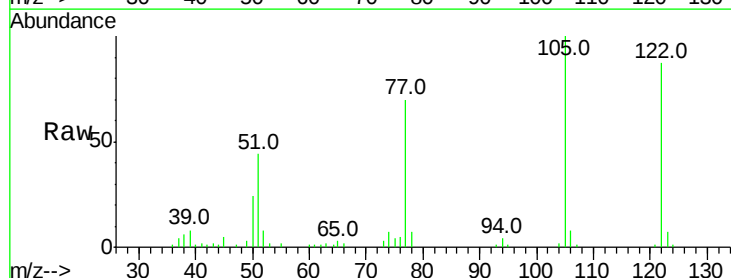


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

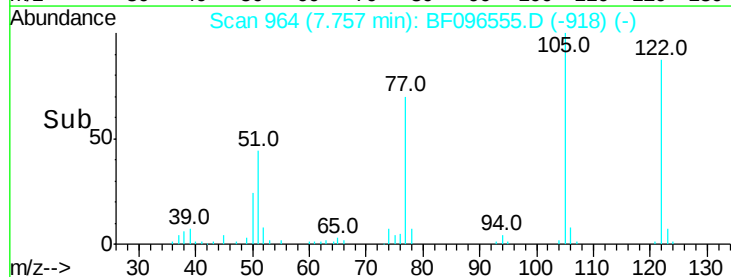
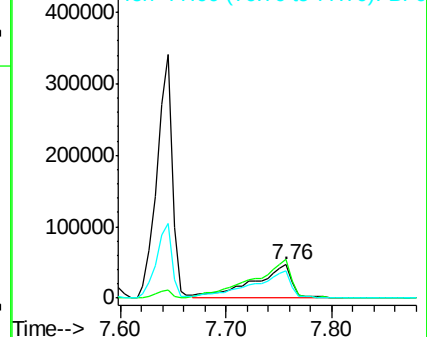


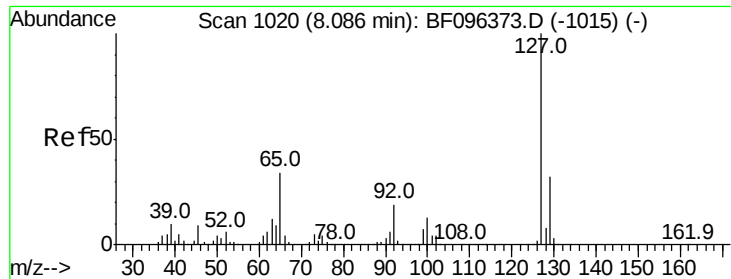
#32
Benzoic acid
Concen: 19.39 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:122 Resp: 116283
Ion Ratio Lower Upper
122 100
105 115.0 103.3 143.3
77 80.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

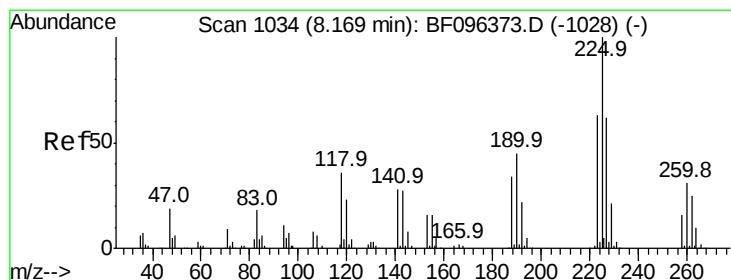
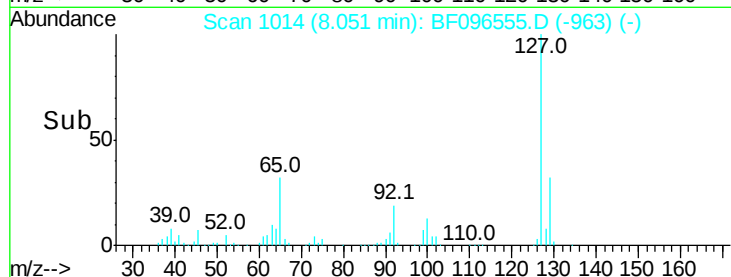
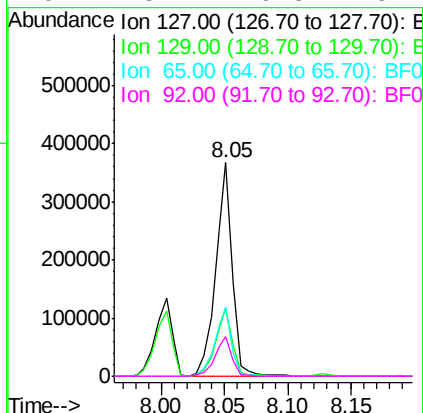
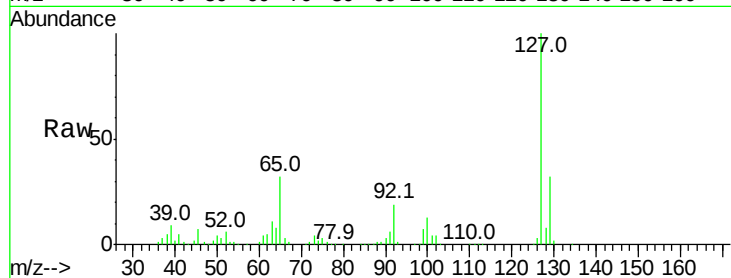




#33
4-Chloroaniline
Concen: 37.86 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

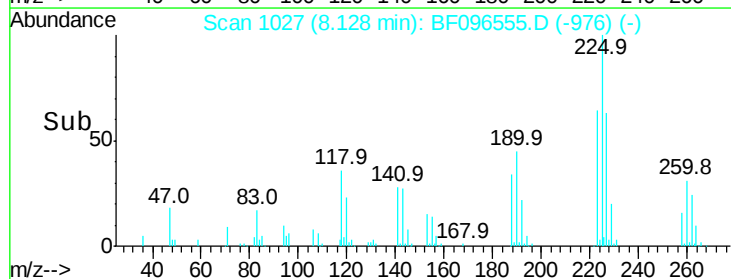
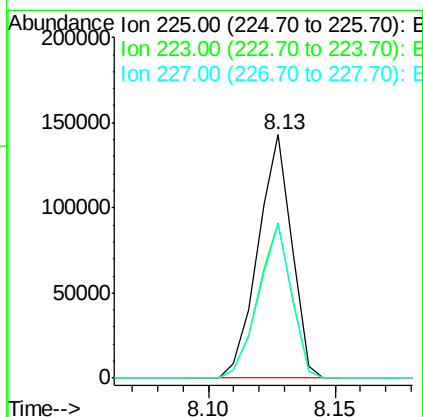
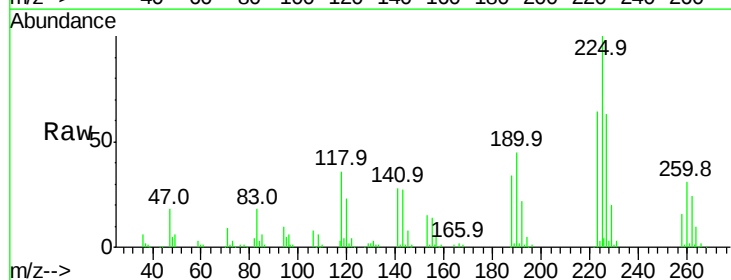
Instrument :
BNA_F
ClientSampleId :

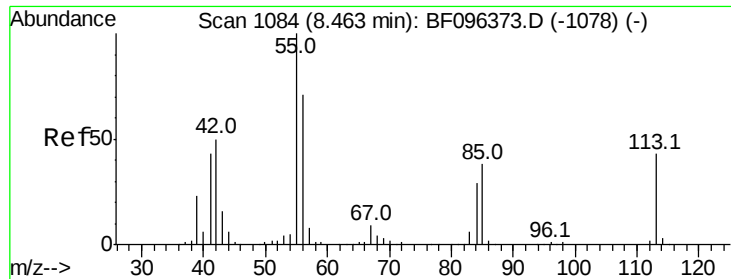
Tot Ion:	127	Resp:	336887
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	32.1	27.8	41.8
92	18.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.10 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:	225	Resp:	131420
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	63.5	51.1	76.7

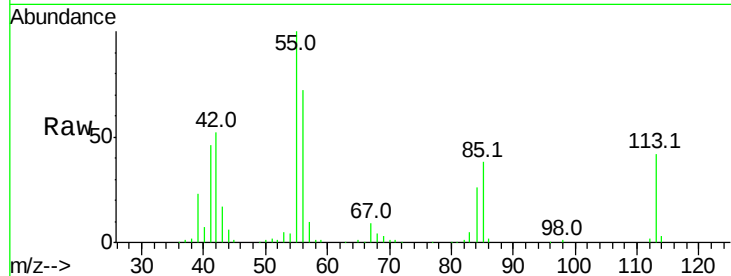




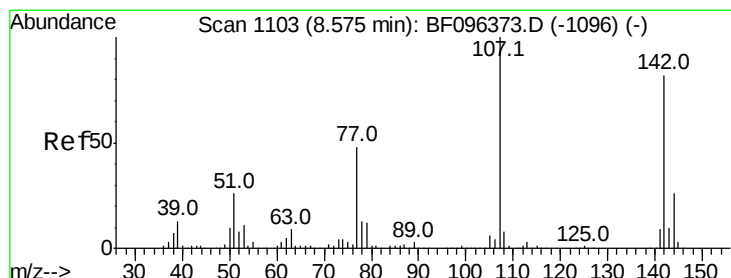
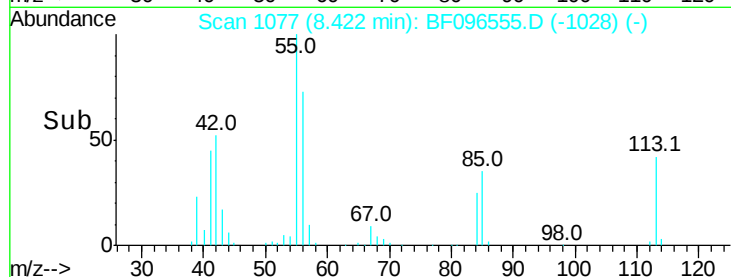
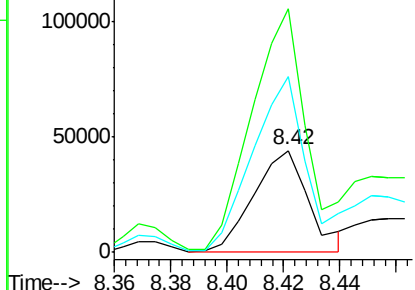
#35
 Caprolactam
 Concen: 28.21 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 59920
 Ion Ratio Lower Upper
 113 100
 55 238.8 150.2 190.2#
 56 172.6 107.8 147.8#

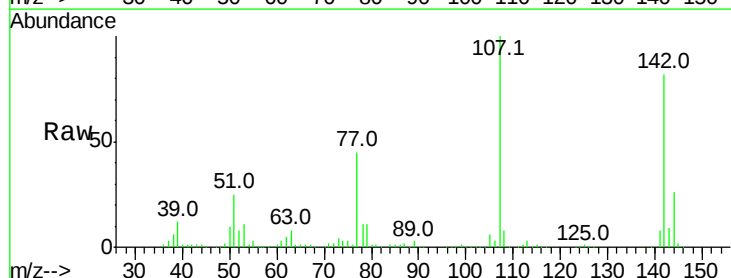


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

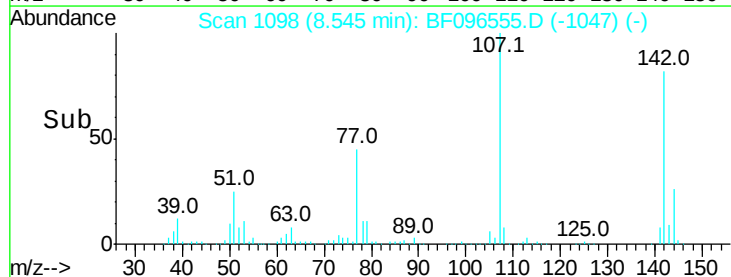
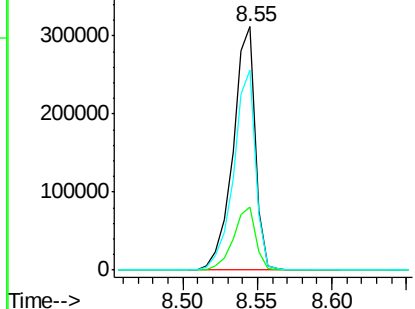


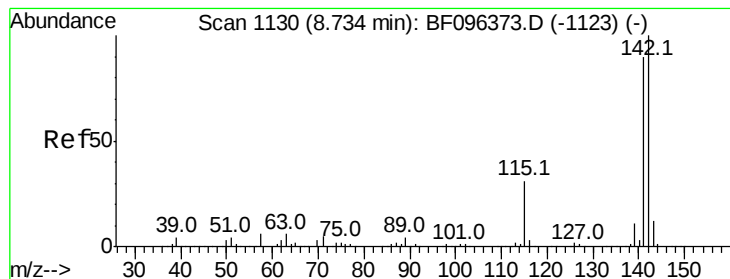
#36
 4-Chloro-3-methylphenol
 Concen: 47.93 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:107 Resp: 326695
 Ion Ratio Lower Upper
 107 100
 144 26.2 24.2 36.4
 142 82.0 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: 50.81 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

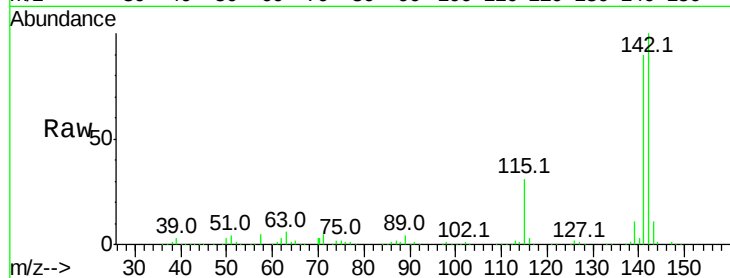
Tot Ion:142 Resp: 692805

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

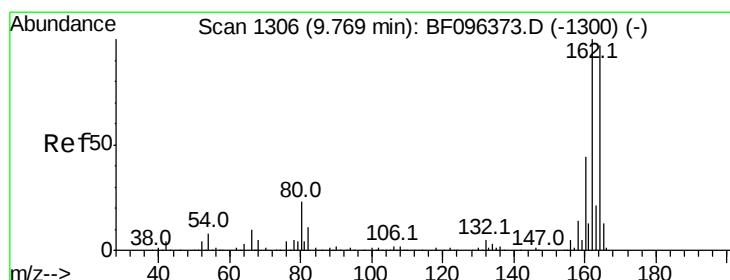
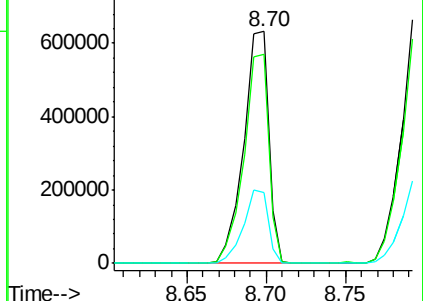
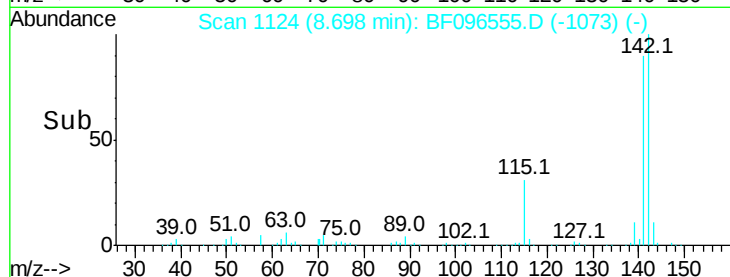
115 30.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

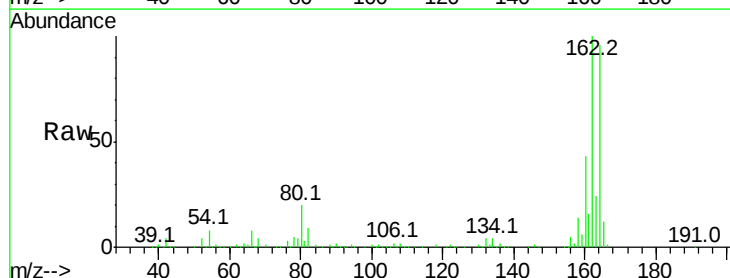
Tgt Ion:164 Resp: 229828

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

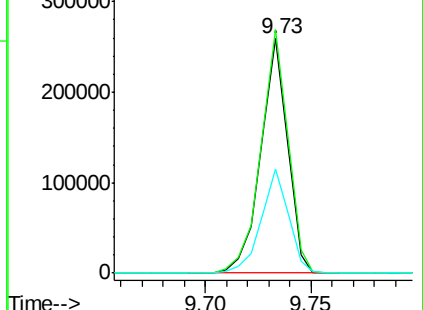
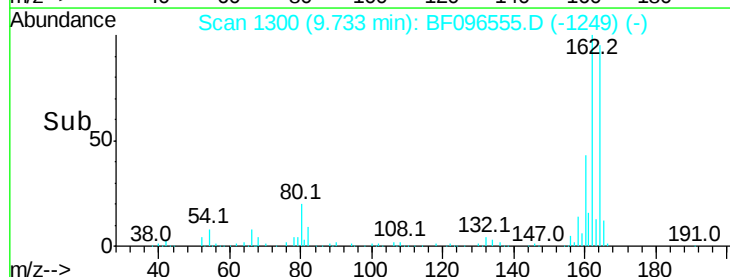
160 44.4 36.2 54.2

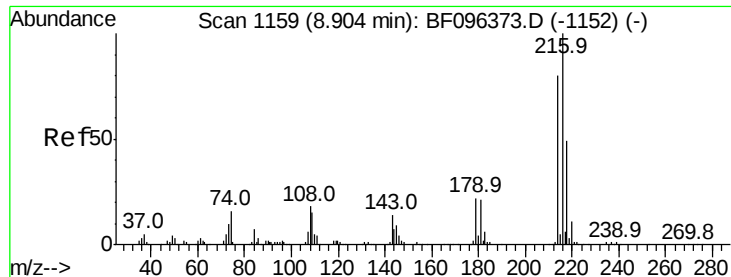


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

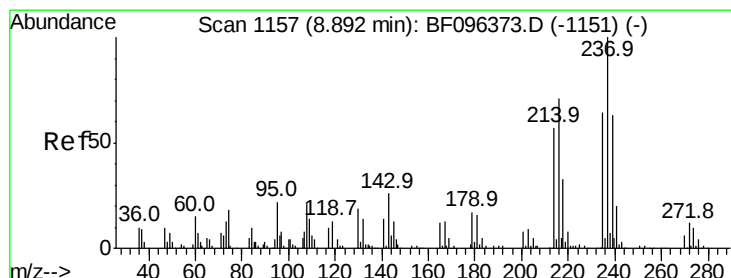
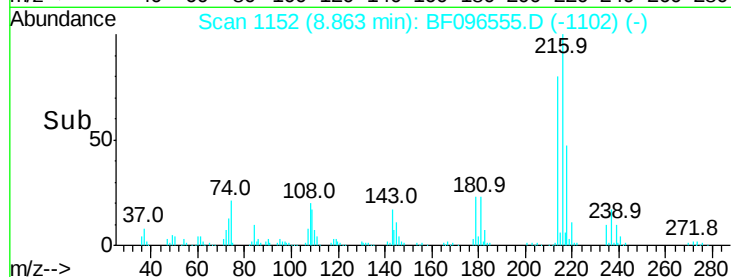
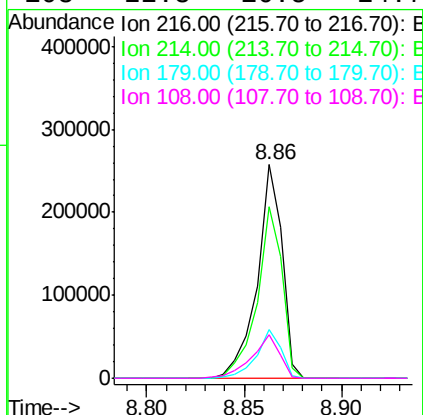
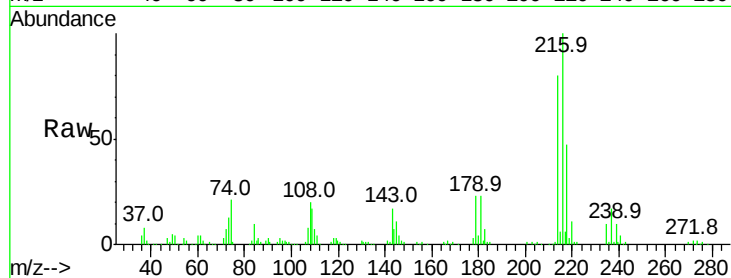




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.34 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

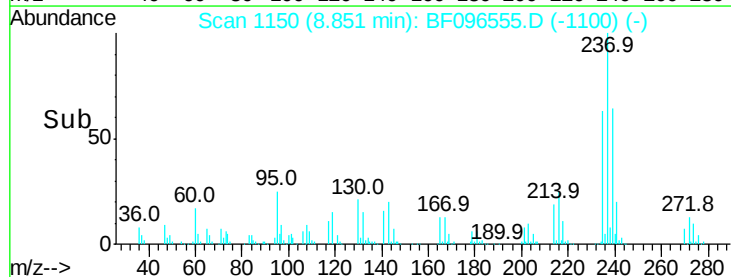
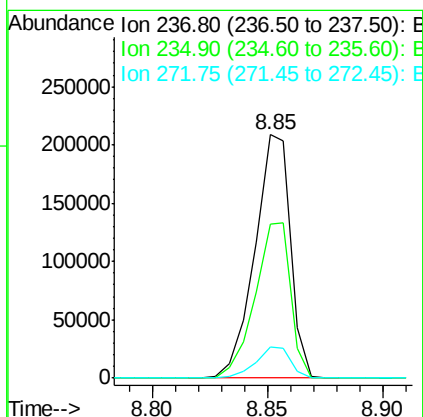
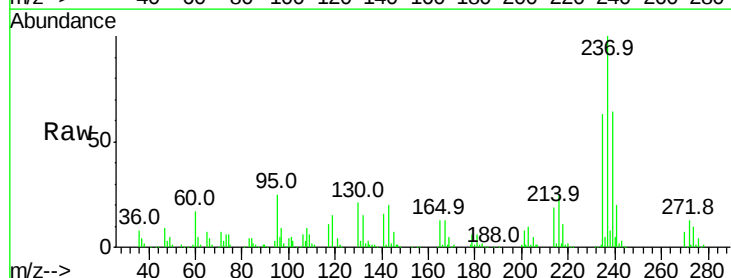
Instrument :
 BNA_F
 ClientSampleId :

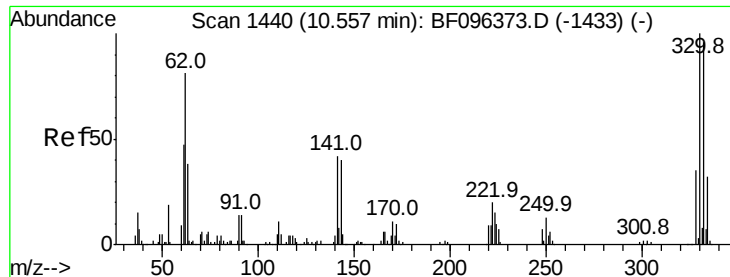
Tot Ion:	216	Resp:	228808
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.2
179	22.6	17.9	26.9
108	22.8	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 77.41 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:	237	Resp:	224622
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.6	82.6
272	12.7	0.0	31.9

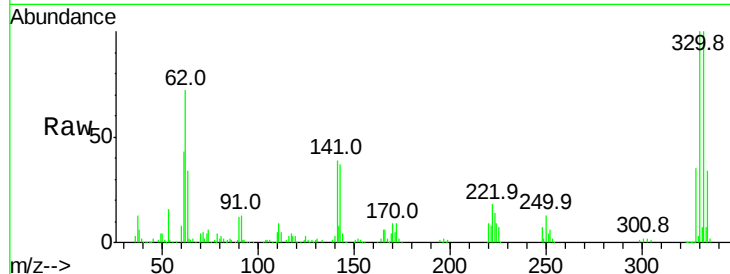




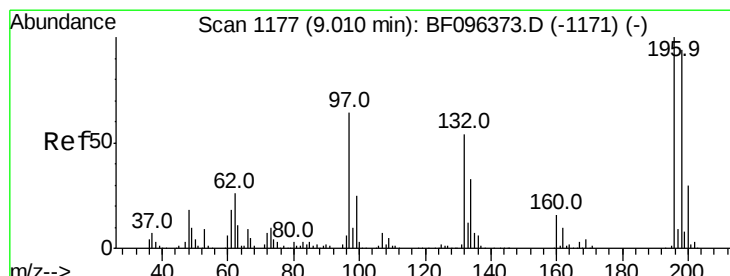
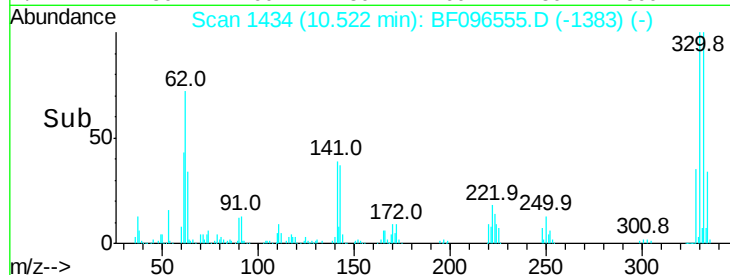
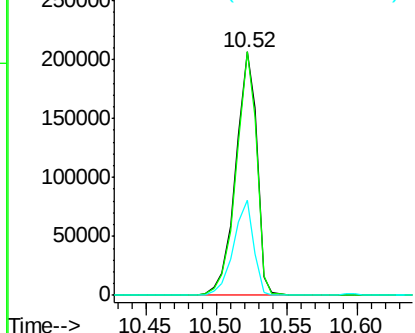
#41
 2,4,6-Tribromophenol
 Concen: 119.48 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	37.3	31.4	47.2

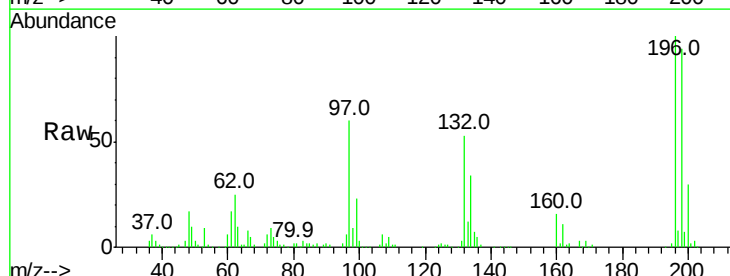


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

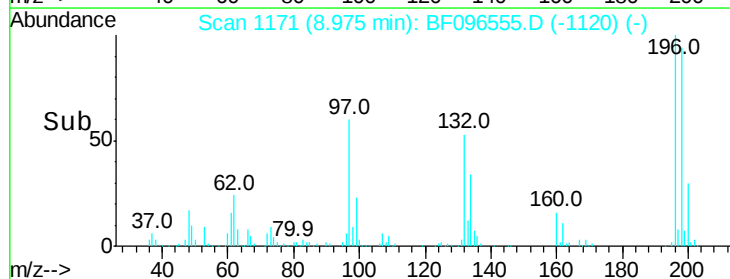
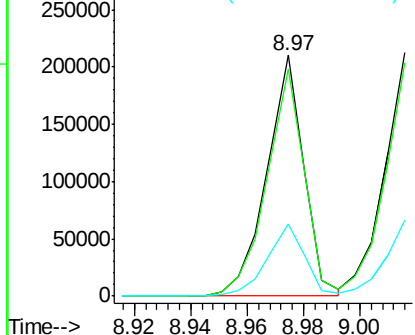


#42
 2,4,6-Trichlorophenol
 Concen: 40.50 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.2	111.4
200	30.0	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

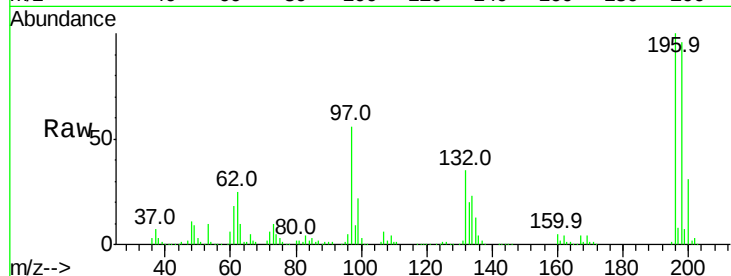




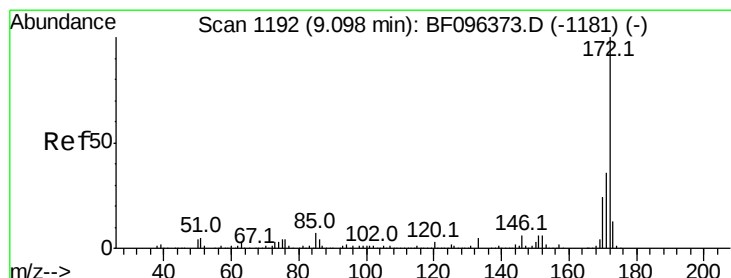
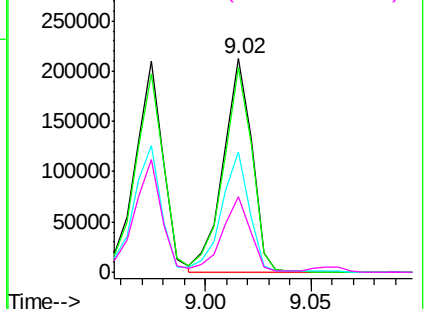
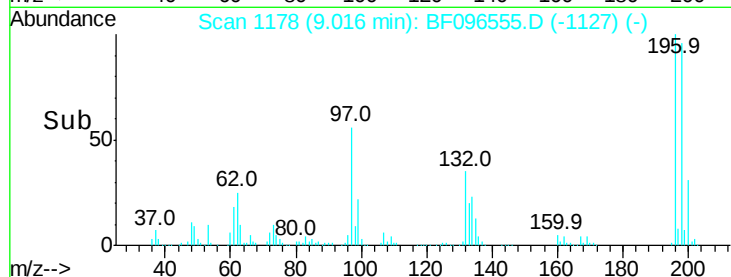
#43
 2,4,5-Trichlorophenol
 Concen: 42.55 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 198619
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 97 56.5 47.7 71.5
 132 35.2 28.0 42.0

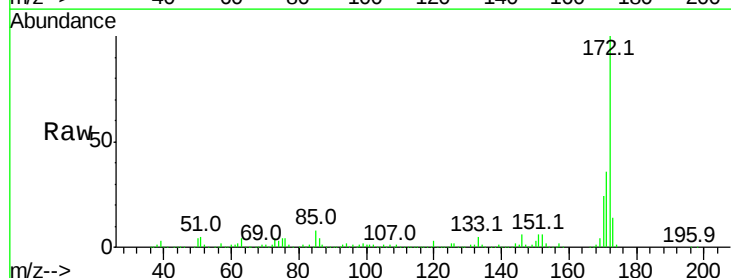


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

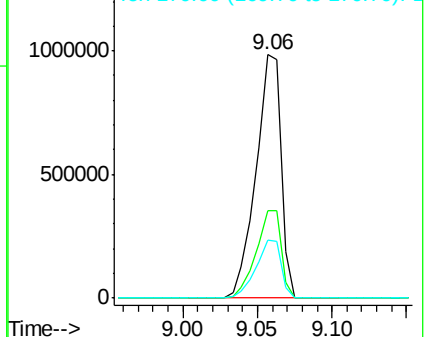
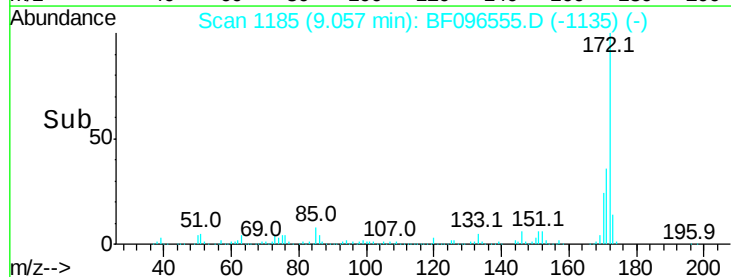


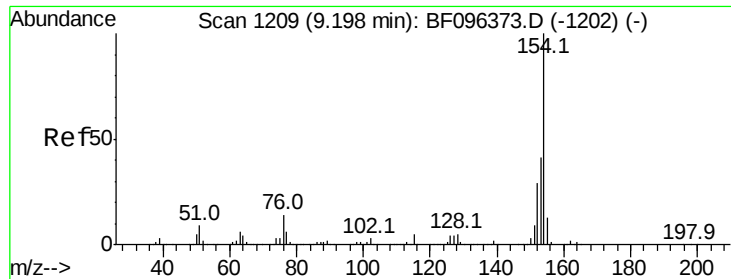
#44
 2-Fluorobiphenyl
 Concen: 84.59 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:172 Resp: 1137030
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 39.10 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

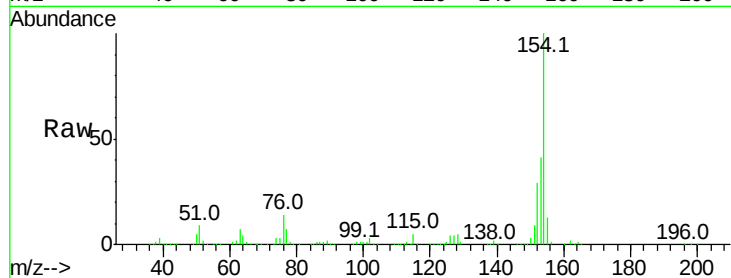
Tot Ion:154 Resp: 769924

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

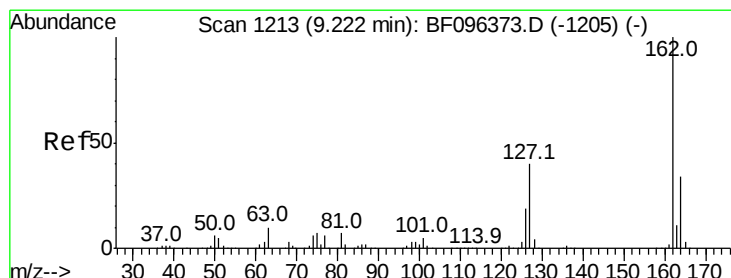
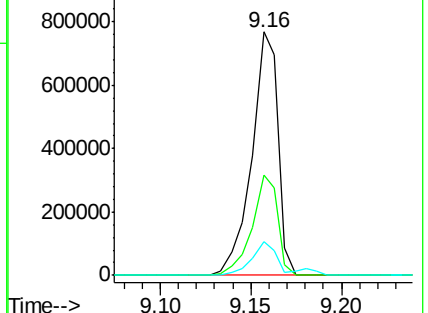
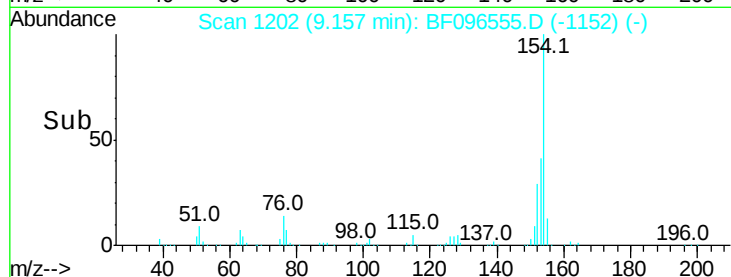
76 13.8 0.0 29.9



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: 41.03 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

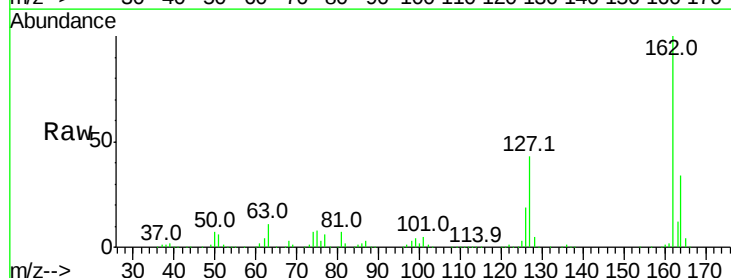
Tgt Ion:162 Resp: 602182

Ion Ratio Lower Upper

162 100

127 42.7 28.3 42.5#

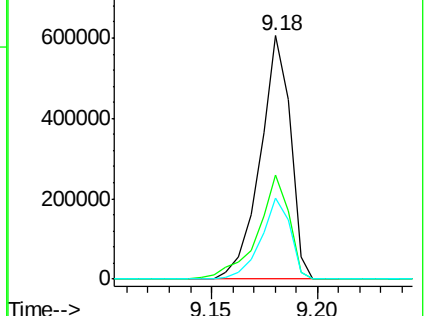
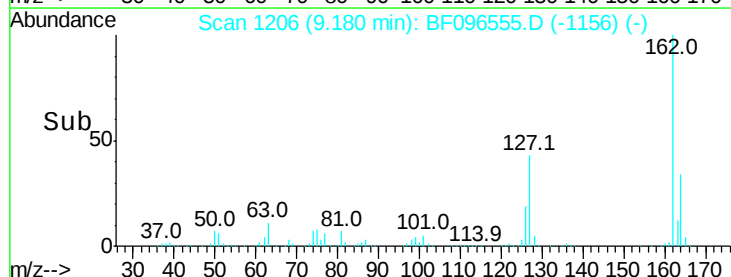
164 33.5 27.0 40.4

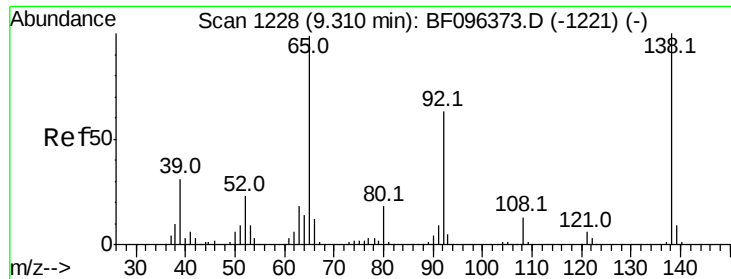


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

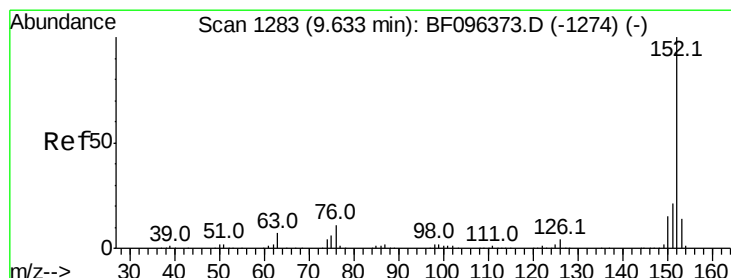
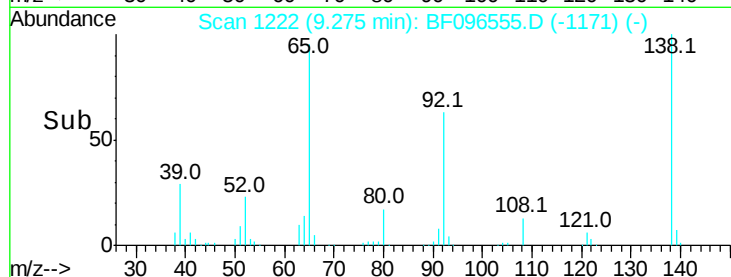
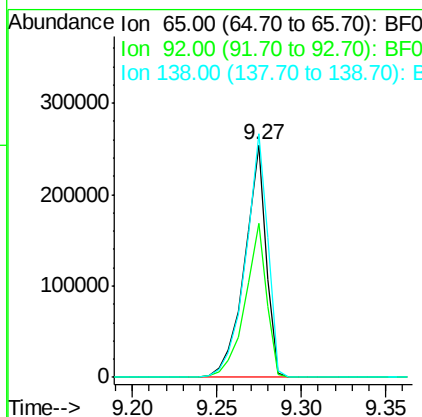
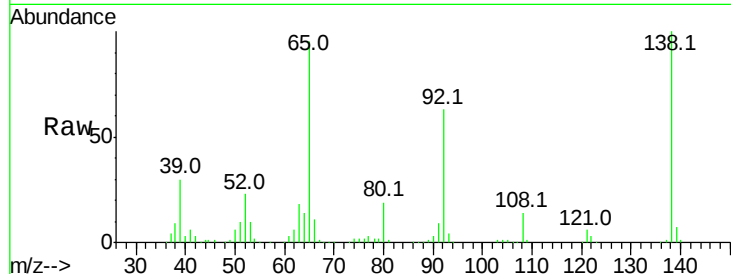




#47
 2-Nitroaniline
 Concen: 42.44 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

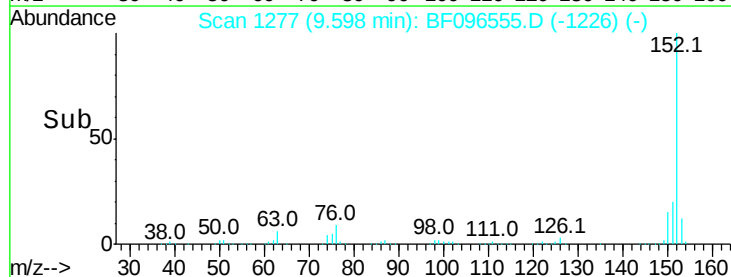
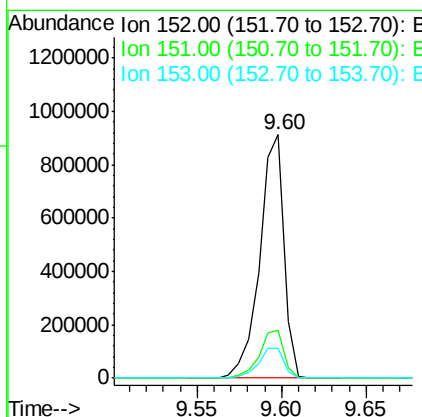
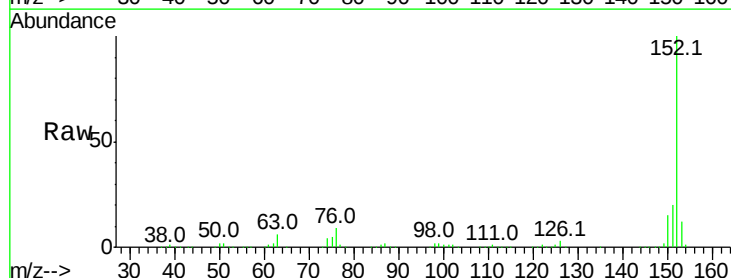
Instrument :
 BNA_F
 ClientSampleId :

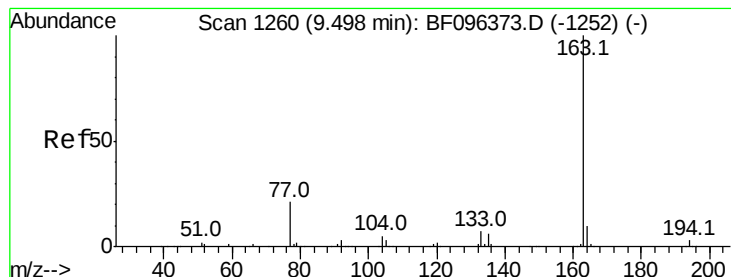
Tot Ion: 65 Resp: 226630
 Ion Ratio Lower Upper
 65 100
 92 66.3 53.9 80.9
 138 104.8 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.07 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:152 Resp: 908581
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.8 25.2
 153 12.5 10.8 16.2





#49

Dimethylphthalate

Concen: 47.87 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

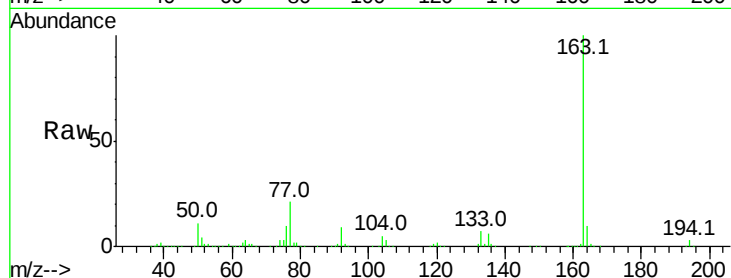
Tot Ion:163 Resp: 821349

Ion Ratio Lower Upper

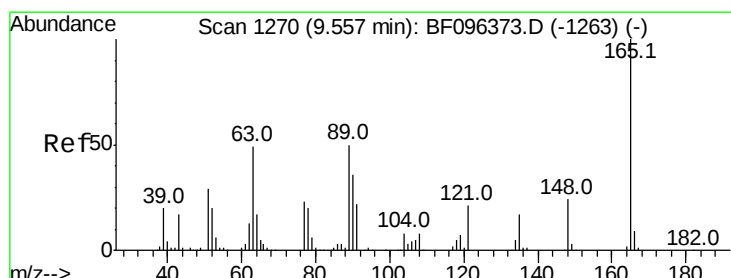
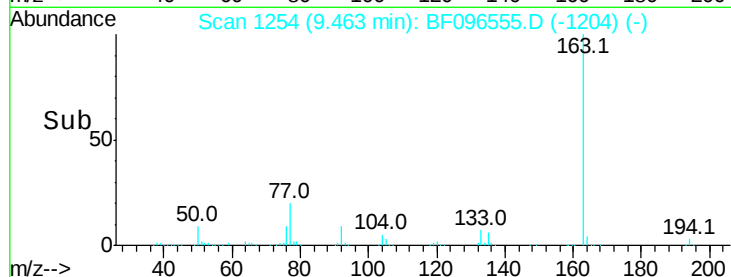
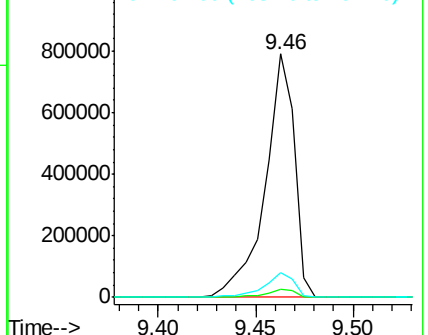
163 100

194 3.2 2.6 4.0

164 10.0 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: 43.69 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

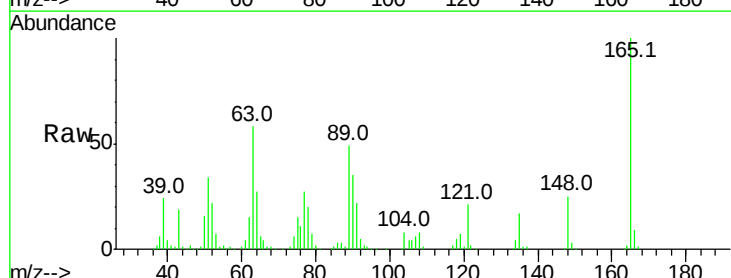
Tgt Ion:165 Resp: 165759

Ion Ratio Lower Upper

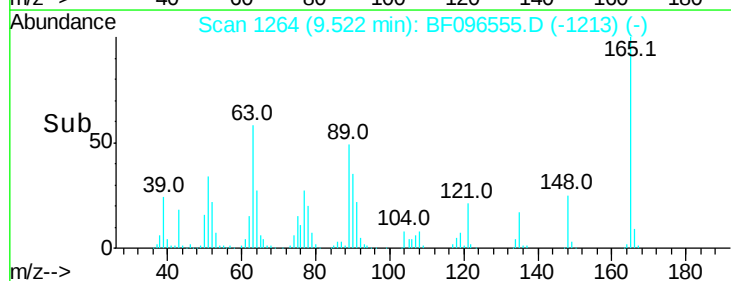
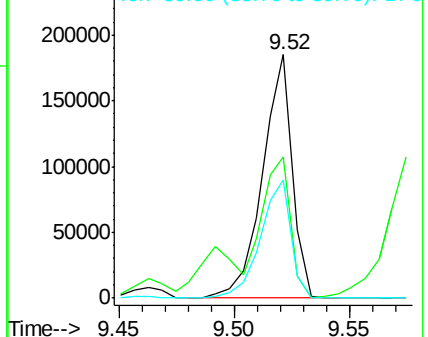
165 100

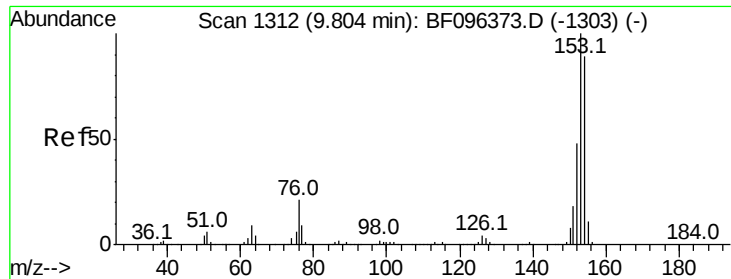
63 58.0 34.3 51.5#

89 48.5 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: 38.84 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

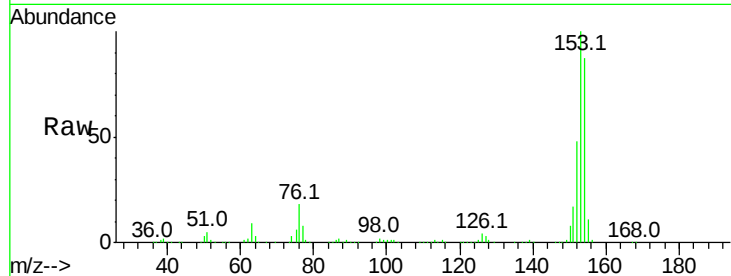
Tot Ion:154 Resp: 556736

Ion Ratio Lower Upper

154 100

153 115.5 90.5 135.7

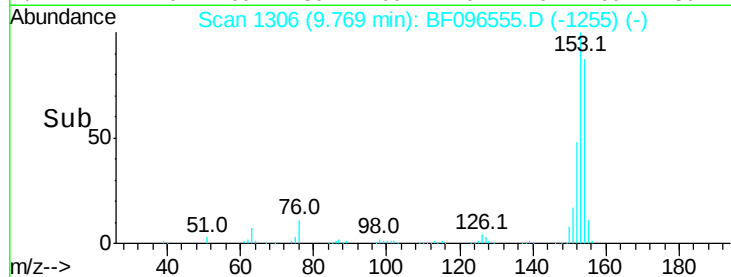
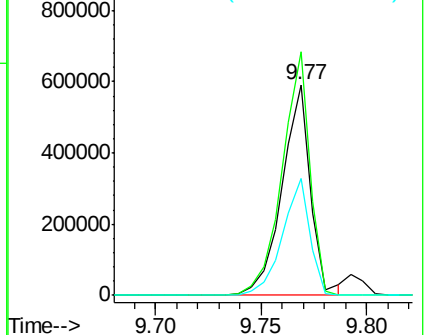
152 55.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.96 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

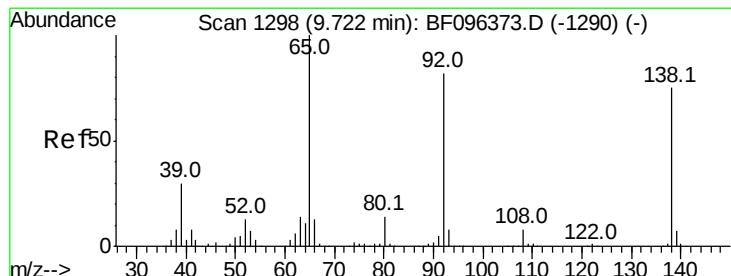
Tgt Ion:138 Resp: 170172

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

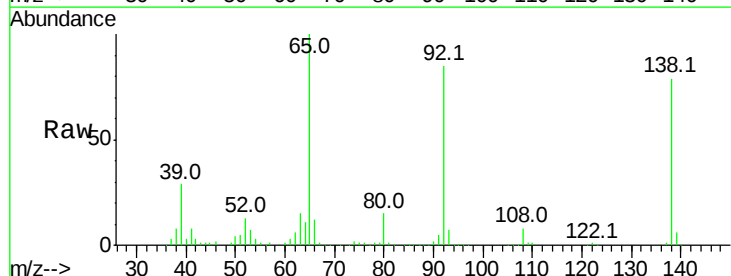
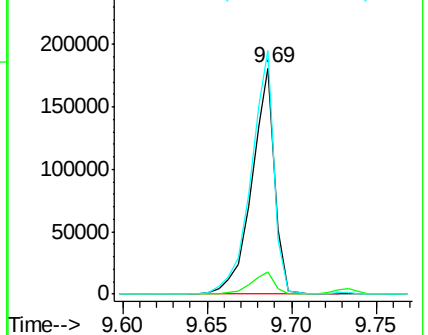
92 107.6 93.8 140.6



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

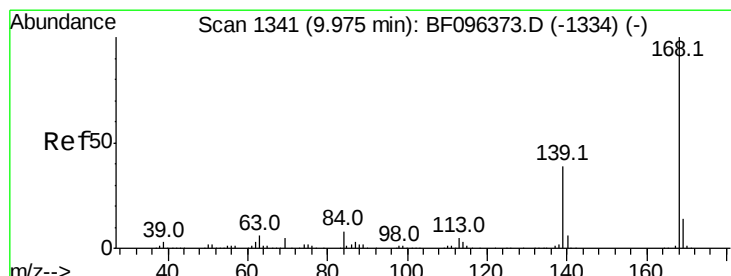
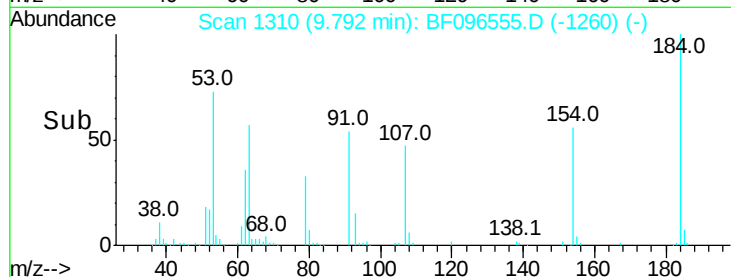
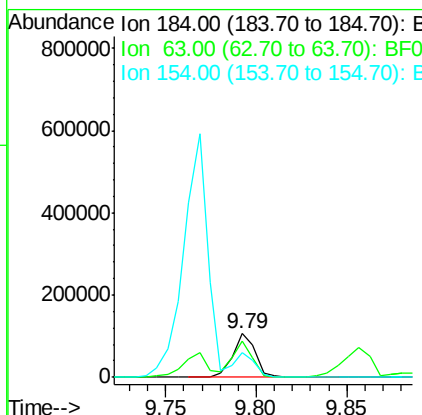
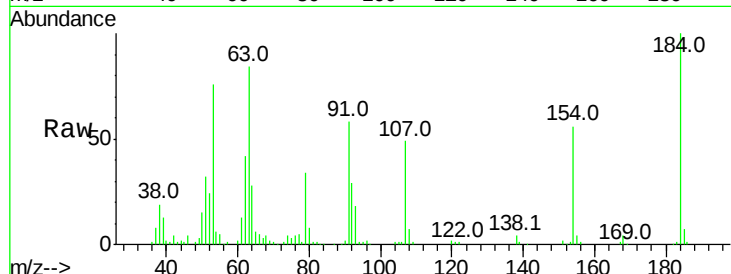




#53
 2,4-Dinitrophenol
 Concen: 46.62 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

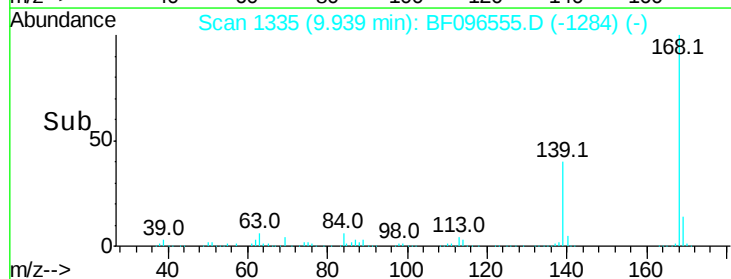
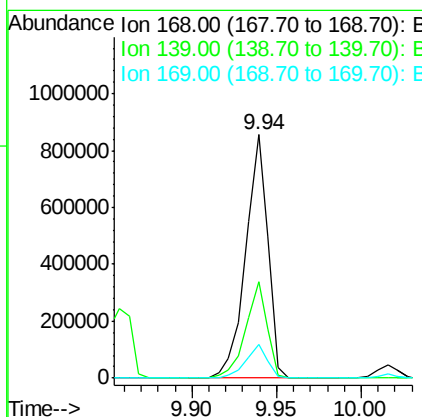
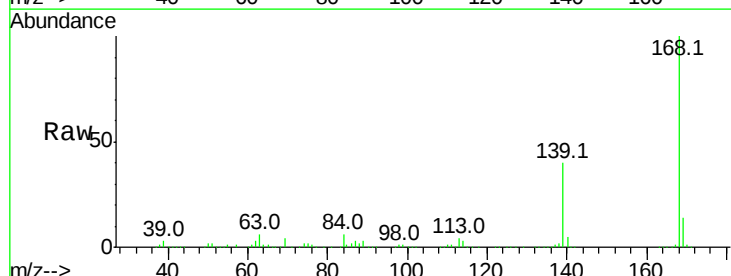
Instrument :
 BNA_F
 ClientSampleID :

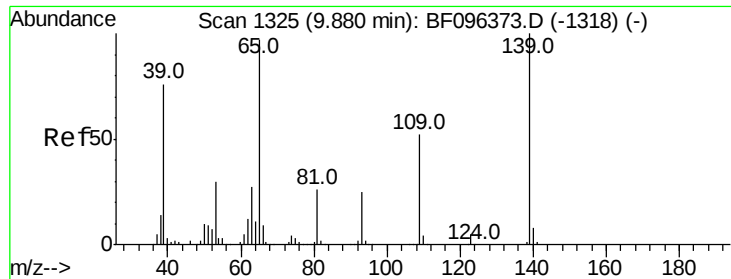
Tot Ion:184 Resp: 93949
 Ion Ratio Lower Upper
 184 100
 63 84.2 62.7 94.1
 154 56.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.59 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:168 Resp: 787142
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.6 45.8
 169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 71.83 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

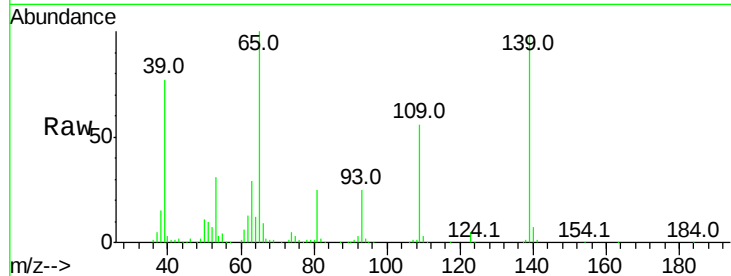
Tot Ion:139 Resp: 281720

Ion Ratio Lower Upper

139 100

109 57.0 34.1 74.1

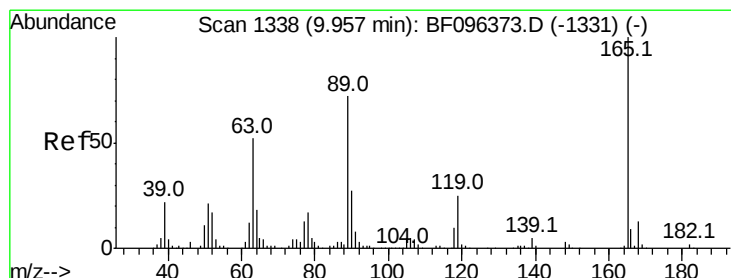
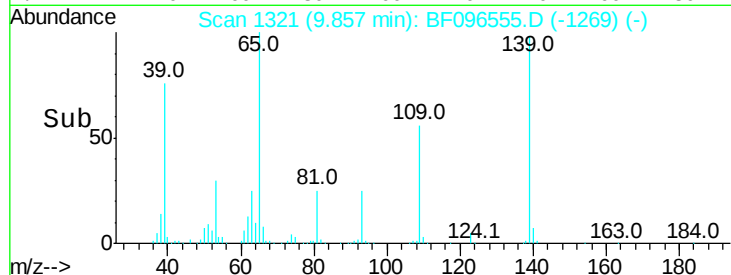
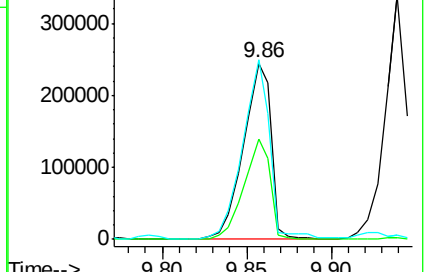
65 102.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.40 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Tgt Ion:165 Resp: 203729

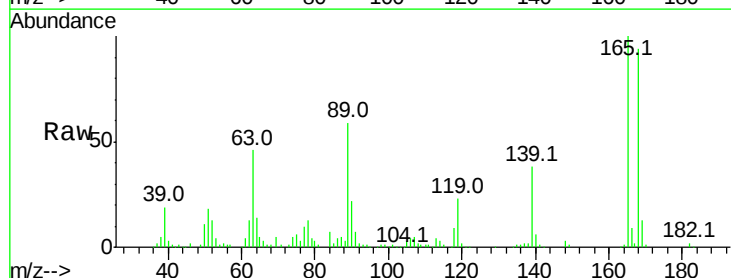
Ion Ratio Lower Upper

165 100

63 46.1 25.4 38.0#

89 59.4 46.4 69.6

182 2.1 1.8 2.6

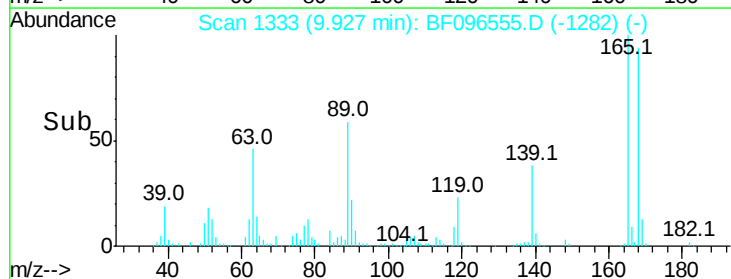
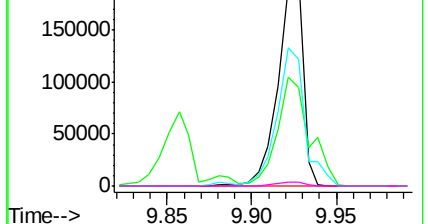


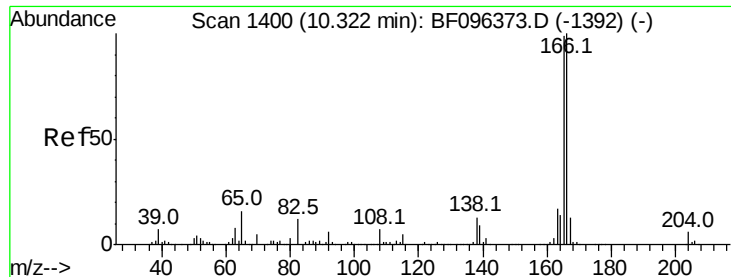
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

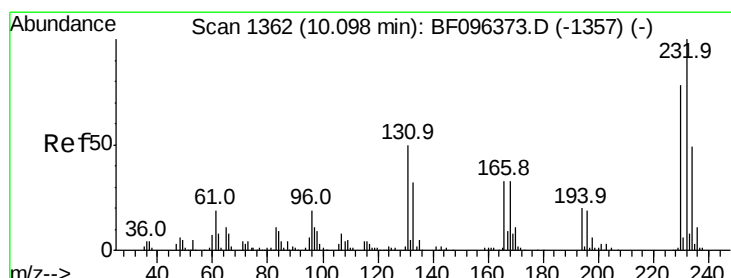
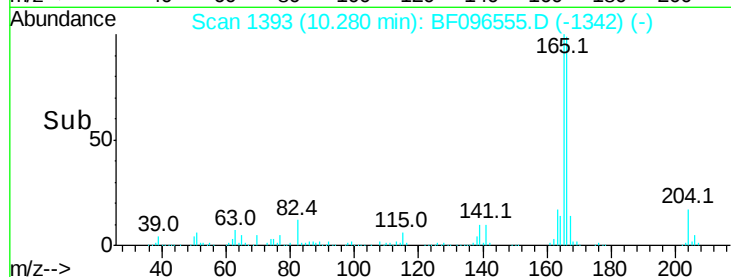
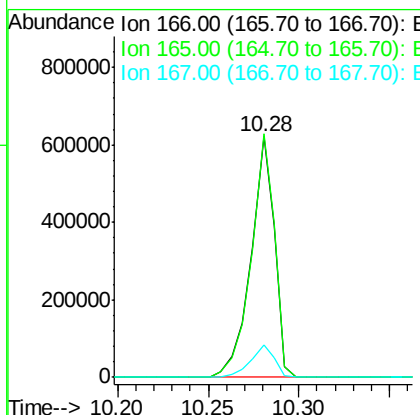
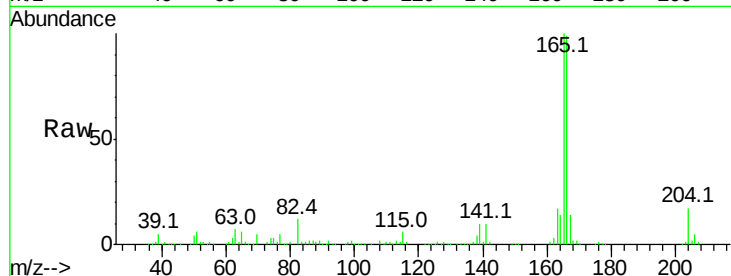




#57
 Fluorene
 Concen: 41.96 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

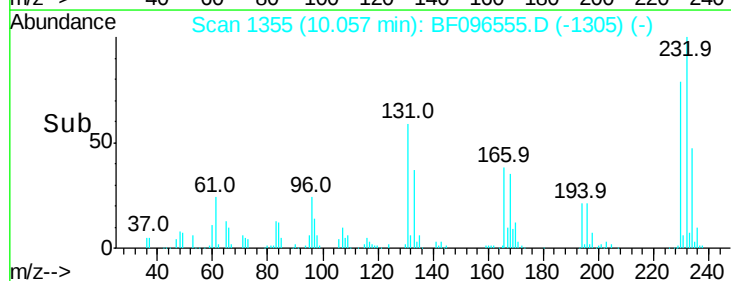
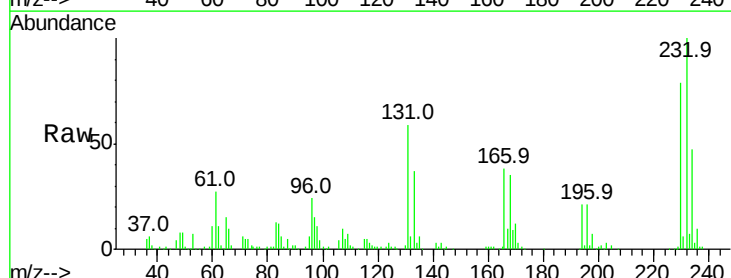
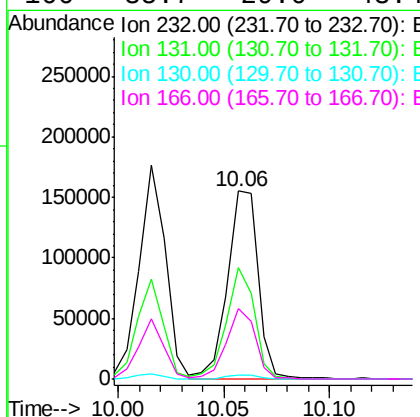
Instrument :
 BNA_F
 ClientSampleId :

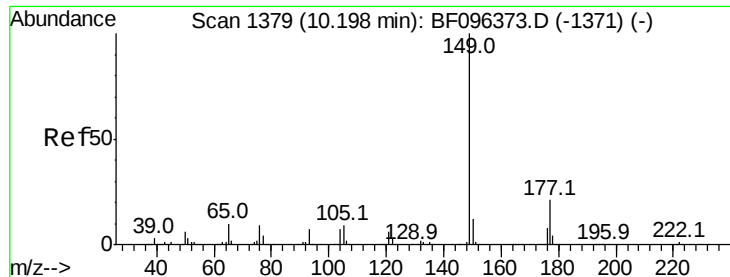
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.8	118.2
167	13.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.83 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.7	44.8	67.2
130	2.3	2.3	3.5
166	35.7	29.0	43.4

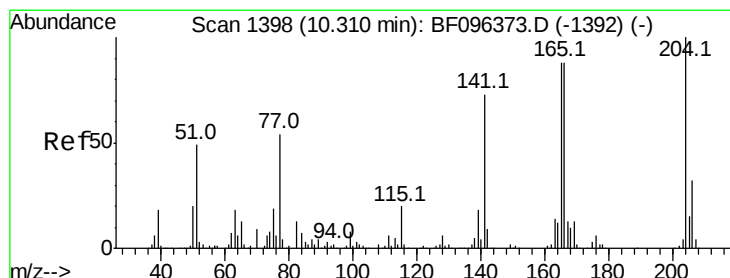
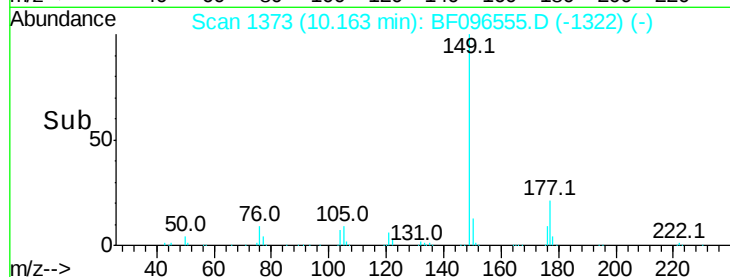
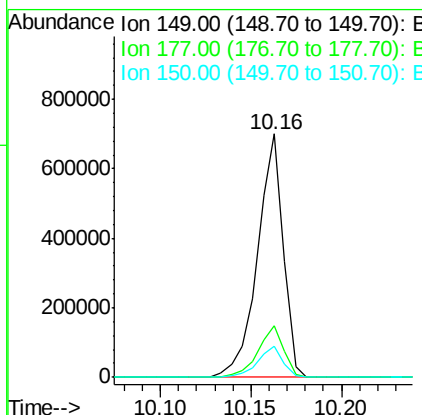
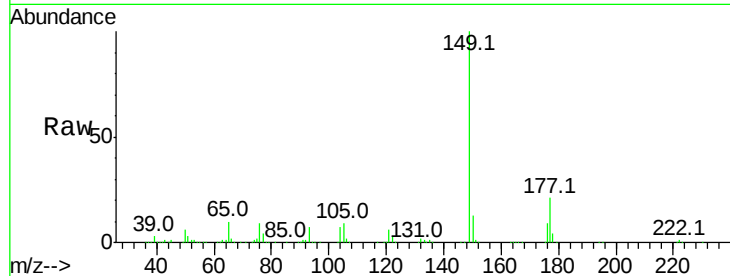




#59
Diethylphthalate
Concen: 42.65 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

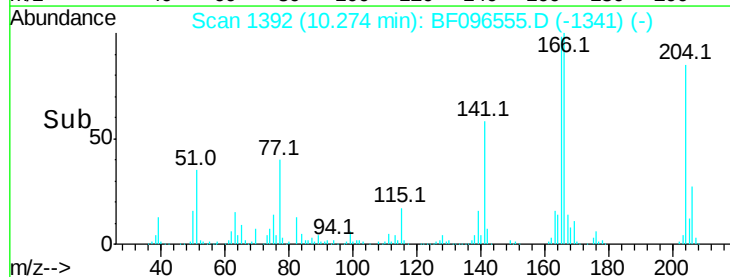
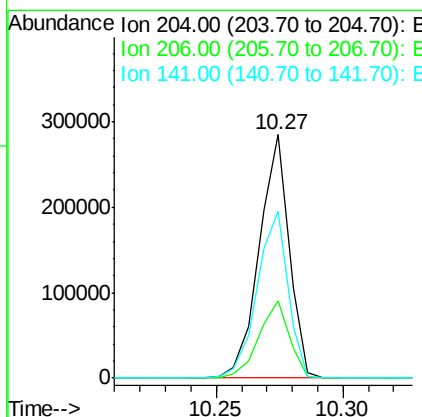
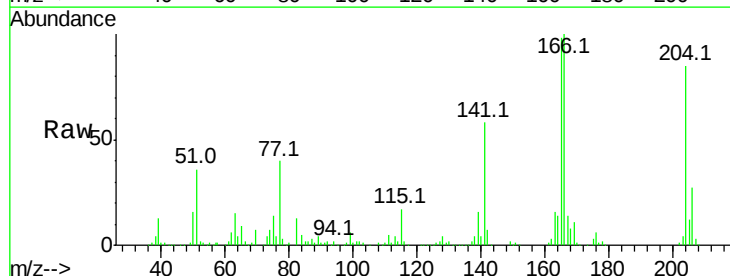
Instrument :
BNA_F
ClientSampleId :

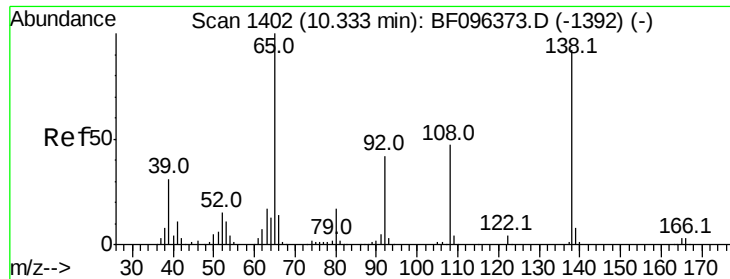
Tot Ion:149 Resp: 691647
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.65 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:204 Resp: 236380
Ion Ratio Lower Upper
204 100
206 31.5 26.2 39.2
141 68.4 60.8 91.2

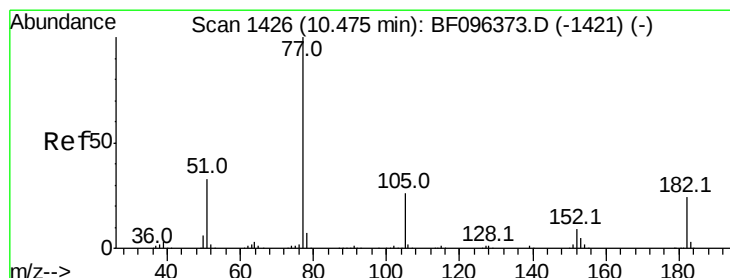
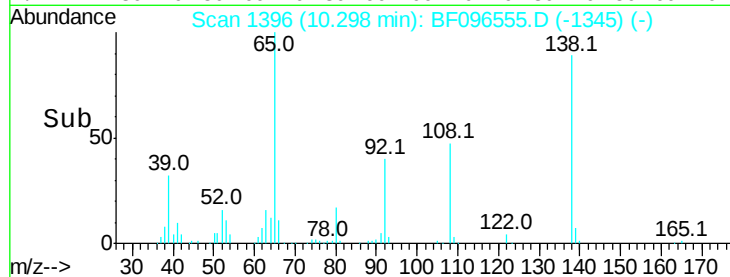
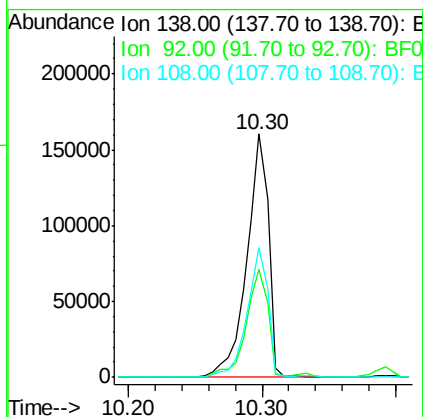
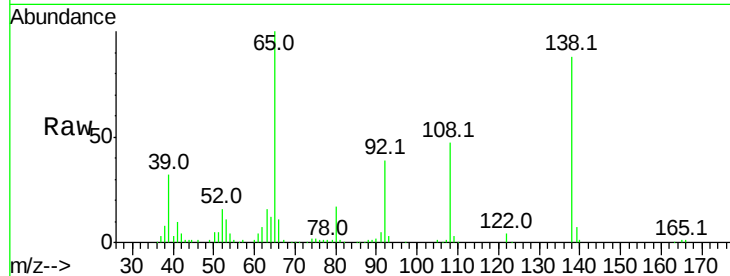




#61
4-Nitroaniline
Concen: 41.08 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

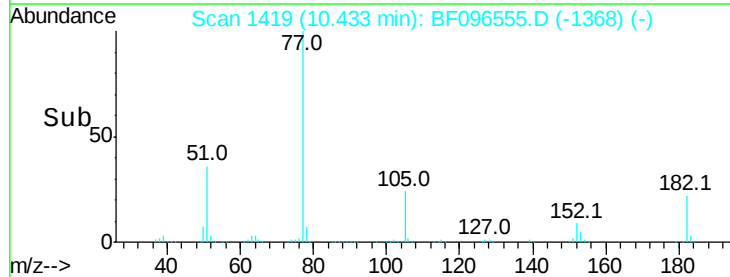
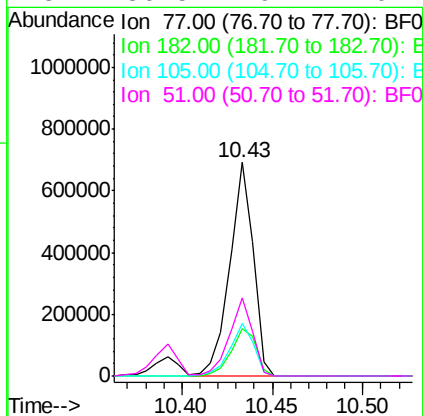
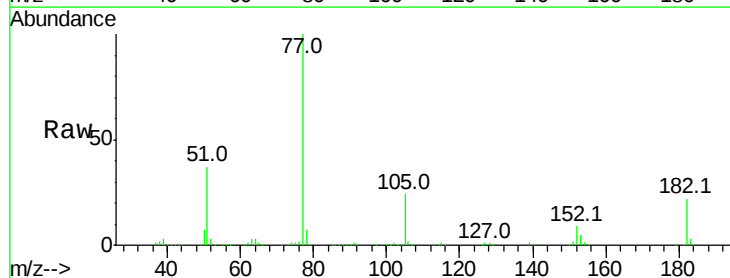
Instrument :
BNA_F
ClientSampled :

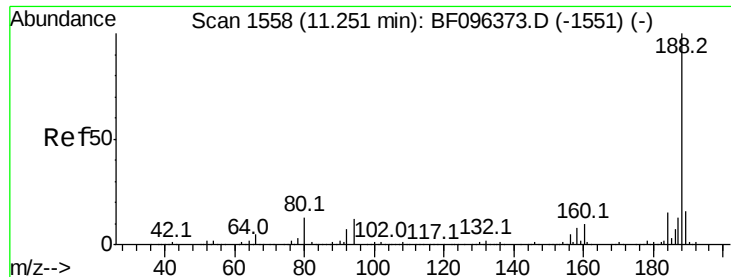
Tot Ion:138 Resp: 176748
Ion Ratio Lower Upper
138 100
92 44.6 21.8 61.8
108 53.1 42.3 82.3



#62
Azobenzene
Concen: 39.96 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion: 77 Resp: 626553
Ion Ratio Lower Upper
77 100
182 22.0 0.1 40.1
105 24.4 3.6 43.6
51 36.5 9.4 49.4

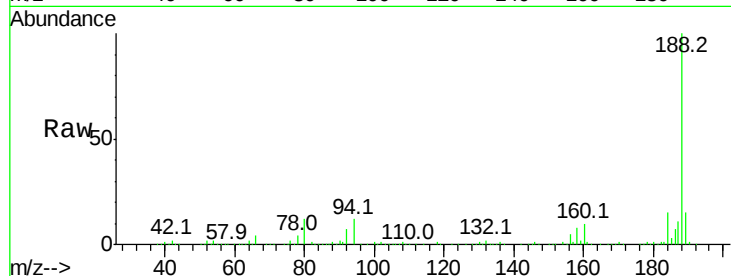




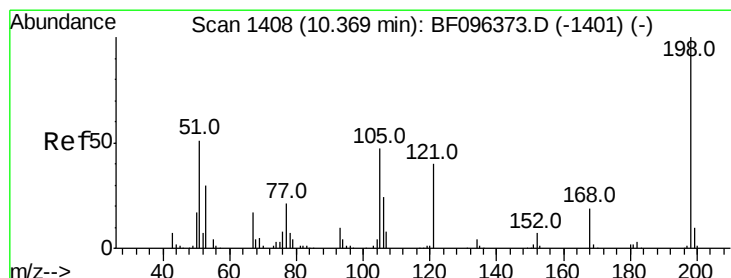
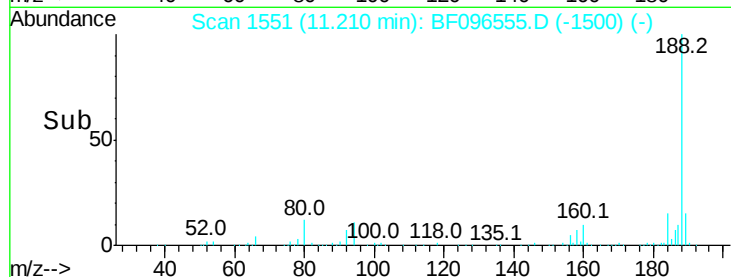
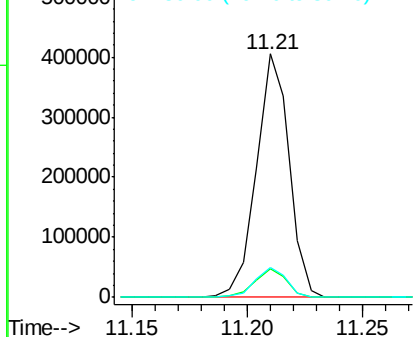
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 400190
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 12.2 10.2 15.2

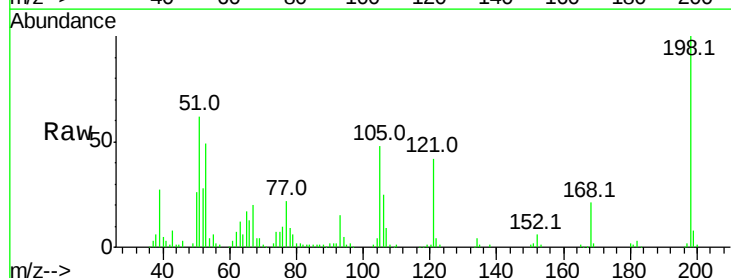


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

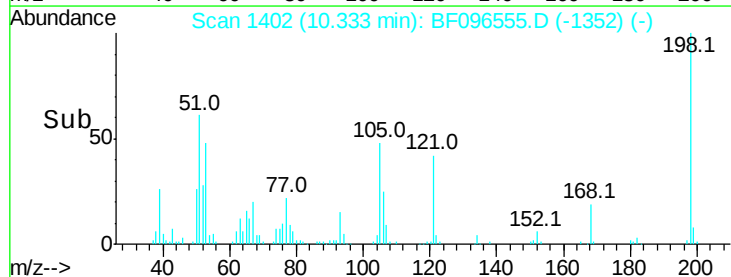
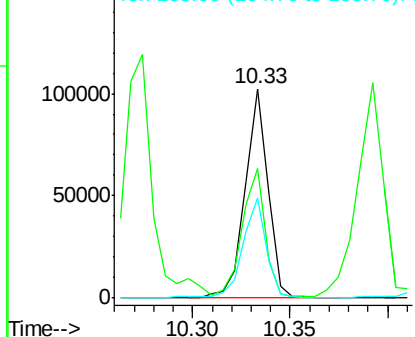


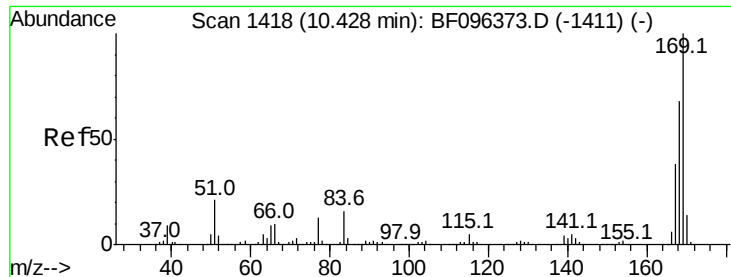
#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.18 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:198 Resp: 83282
 Ion Ratio Lower Upper
 198 100
 51 61.7 53.2 93.2
 105 47.7 45.8 85.8



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

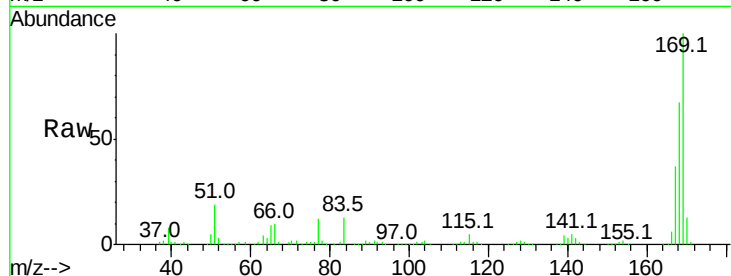




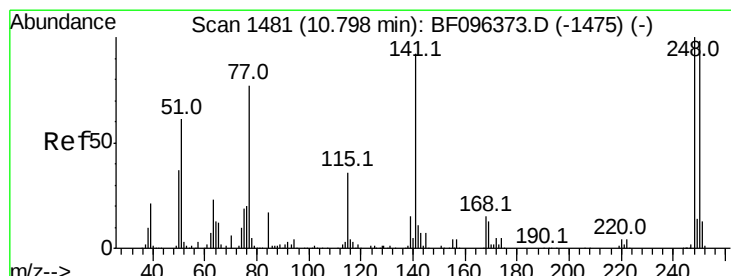
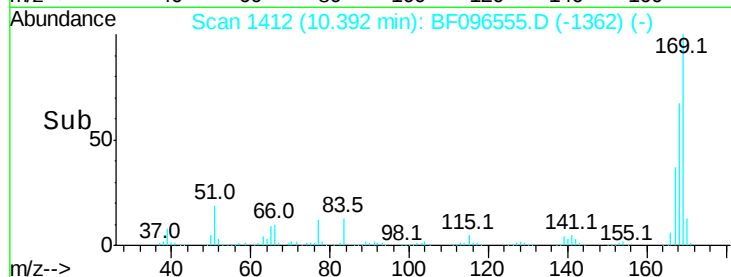
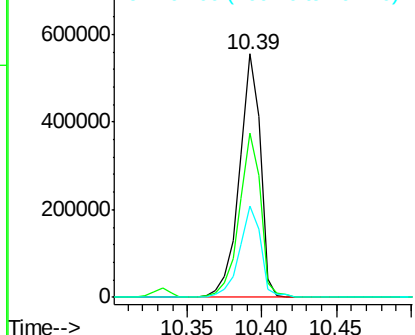
#65
 n-Nitrosodiphenylamine
 Concen: 38.62 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 542221
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.2 79.8
 167 37.4 29.5 44.3

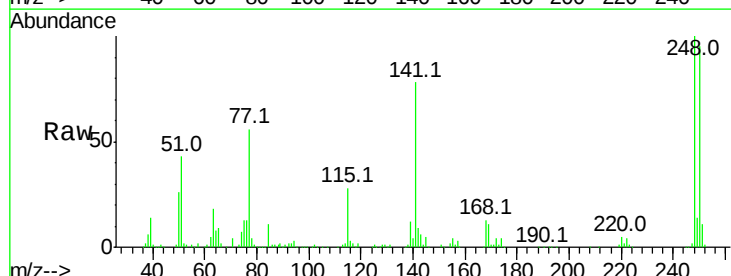


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

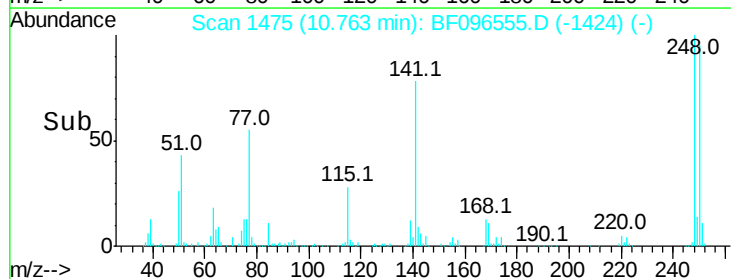
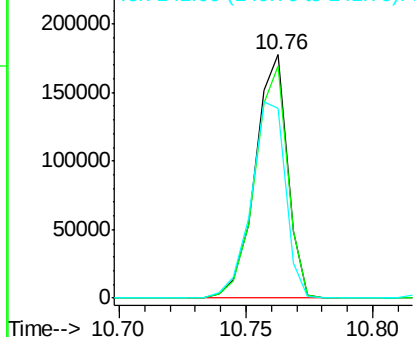


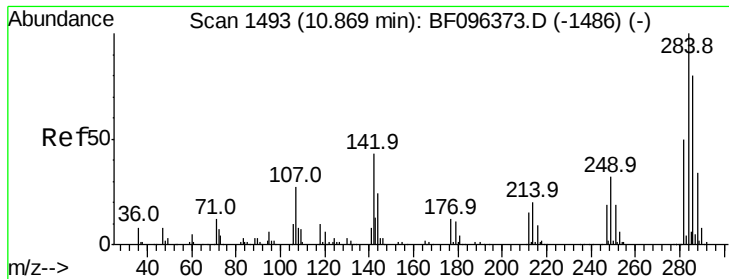
#66
 4-Bromophenyl-phenylether
 Concen: 40.87 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:248 Resp: 159232
 Ion Ratio Lower Upper
 248 100
 250 95.4 76.8 115.2
 141 77.9 68.6 103.0



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

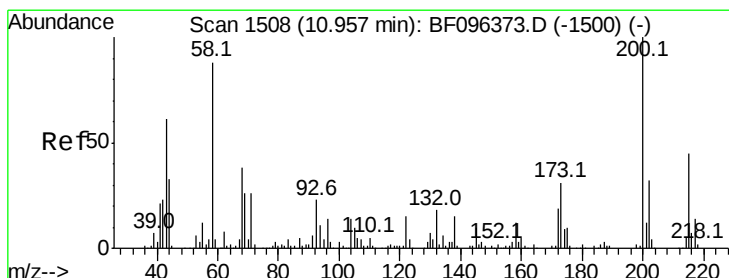
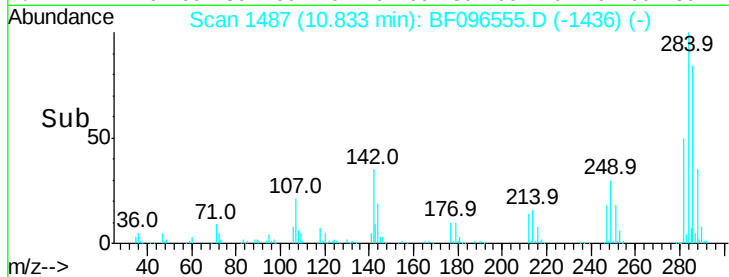
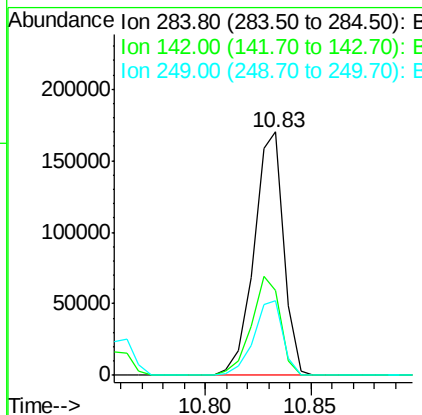
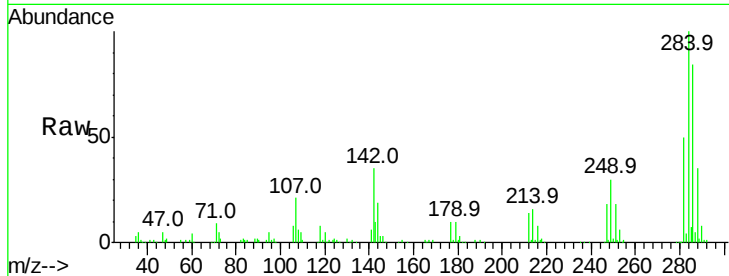




#67
Hexachlorobenzene
Concen: 38.95 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

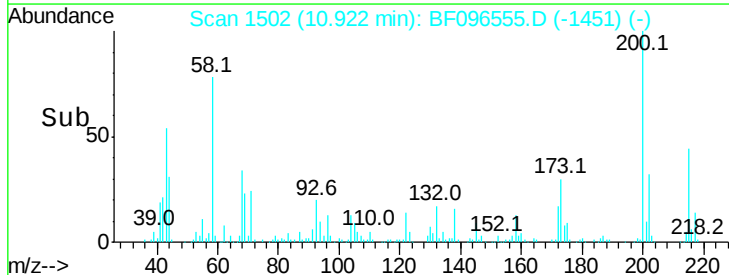
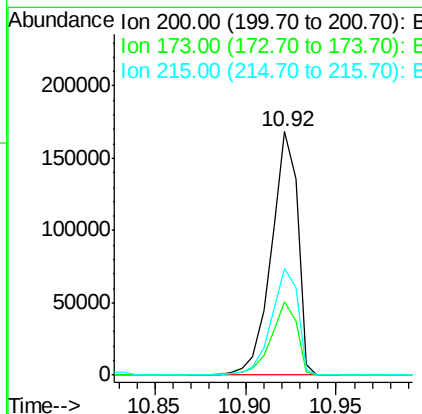
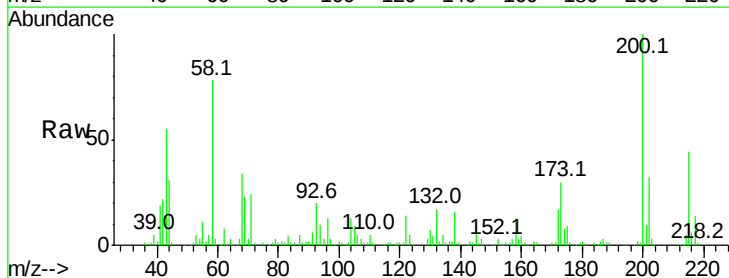
Instrument :
BNA_F
ClientSampleId :

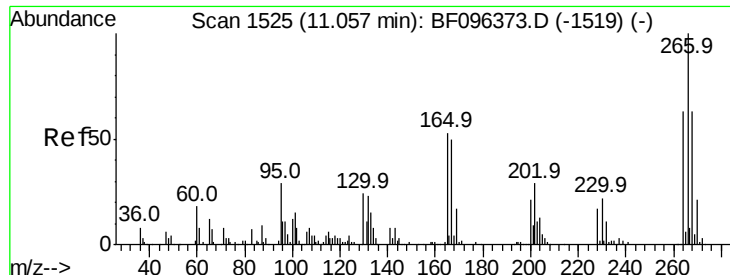
Tot Ion:284 Resp: 166097
Ion Ratio Lower Upper
284 100
142 34.9 22.8 34.2#
249 30.5 24.0 36.0



#68
Atrazine
Concen: 42.21 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:200 Resp: 169342
Ion Ratio Lower Upper
200 100
173 30.4 6.3 46.3
215 43.7 27.2 67.2

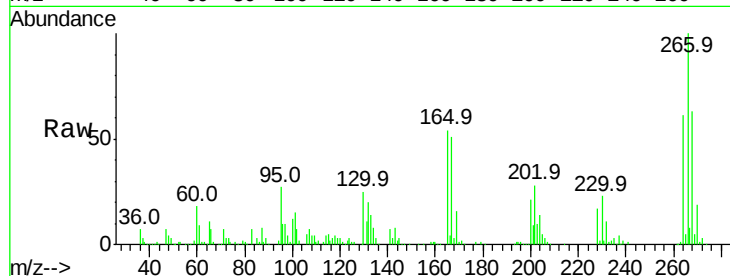




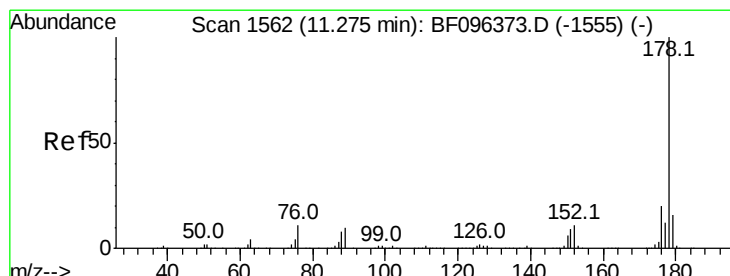
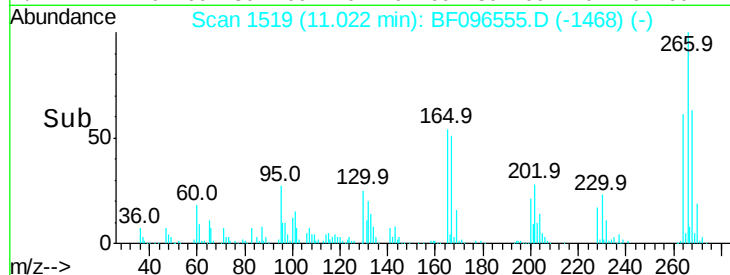
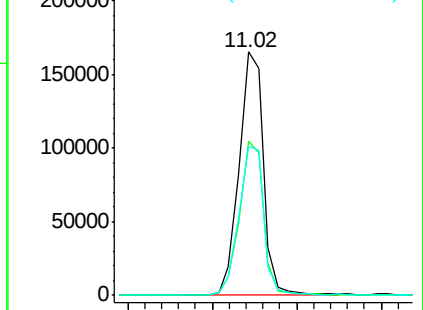
#69
 Pentachlorophenol
 Concen: 65.73 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 166125
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 61.3 51.7 77.5

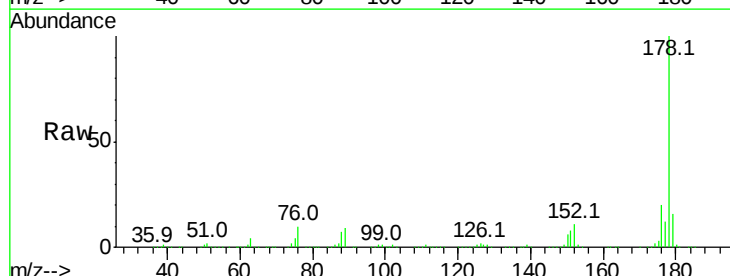


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

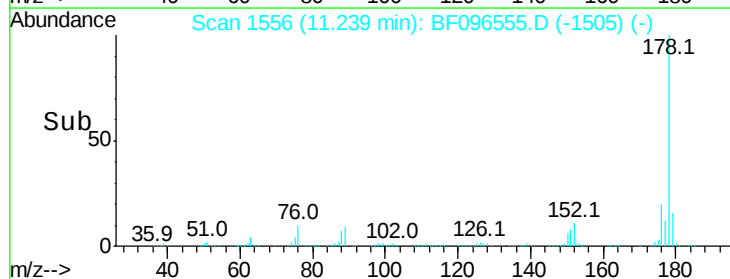
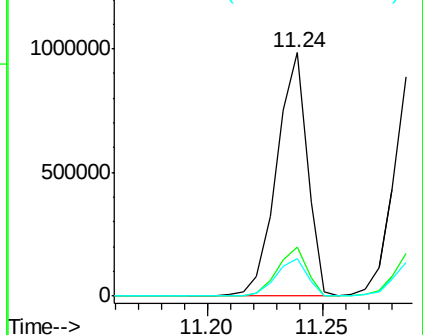


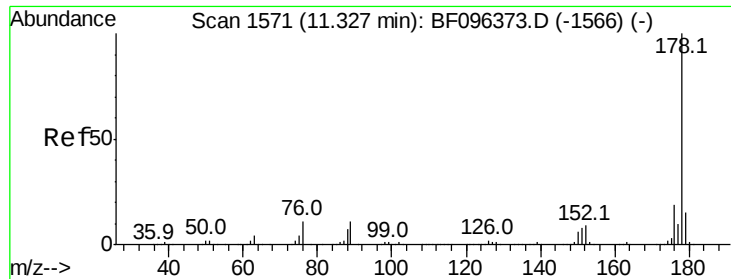
#70
 Phenanthrene
 Concen: 41.86 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:178 Resp: 905506
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.6 12.6 19.0



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

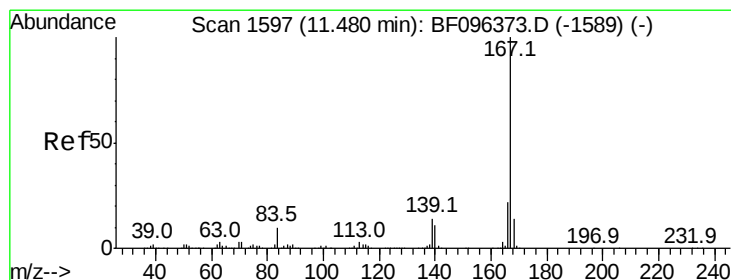
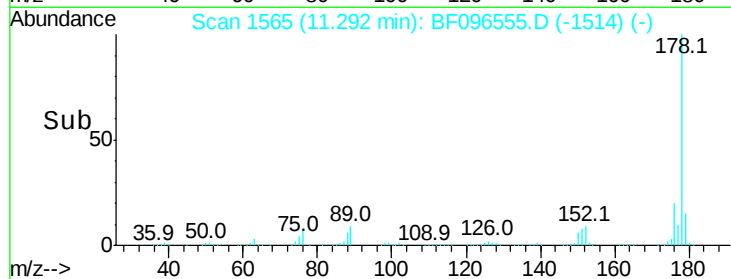
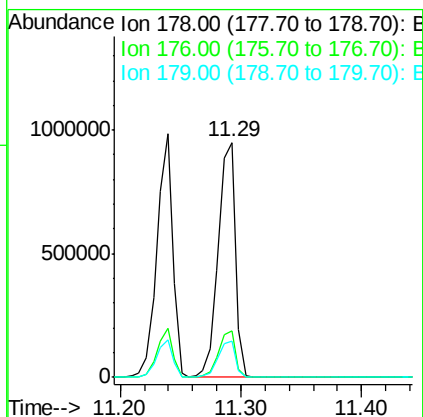
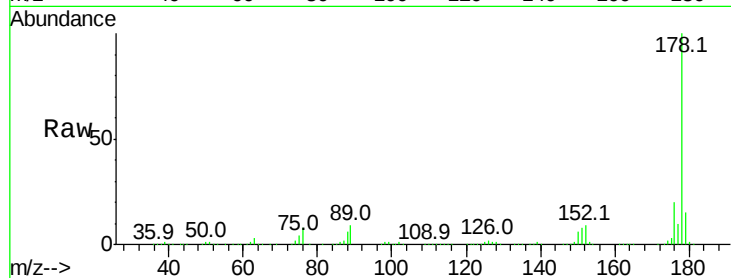




#71
 Anthracene
 Concen: 42.11 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

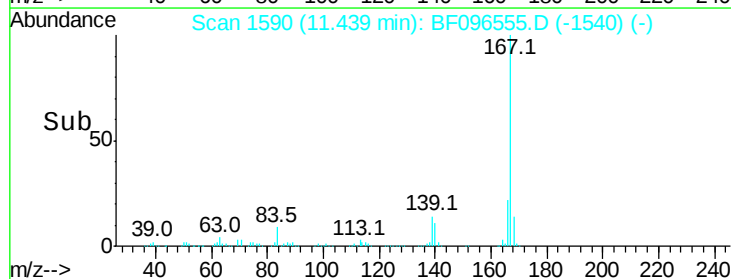
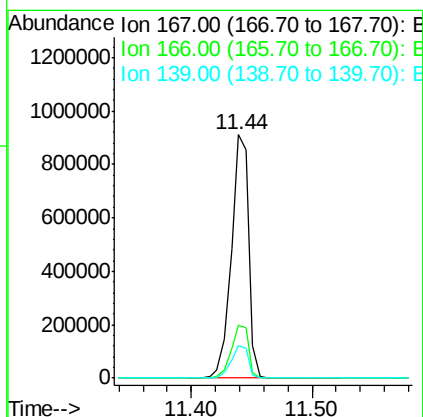
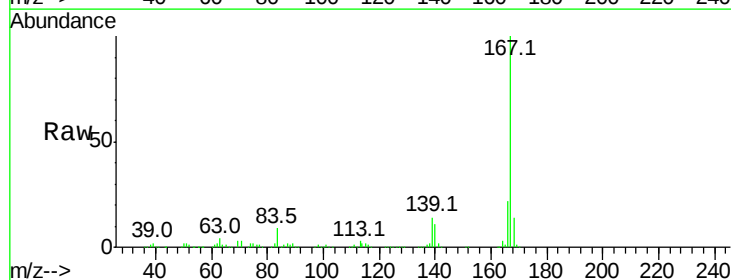
Instrument :
 BNA_F
 ClientSampled :

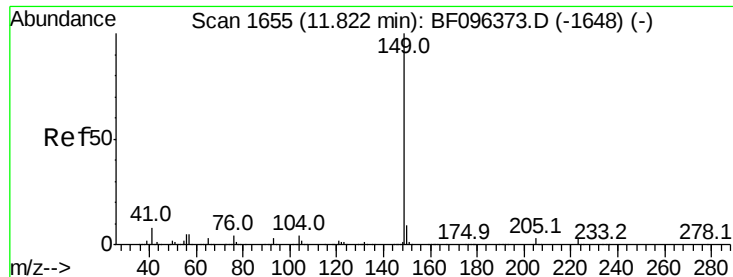
Tot Ion:178 Resp: 928270
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 40.93 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:167 Resp: 907440
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.73 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

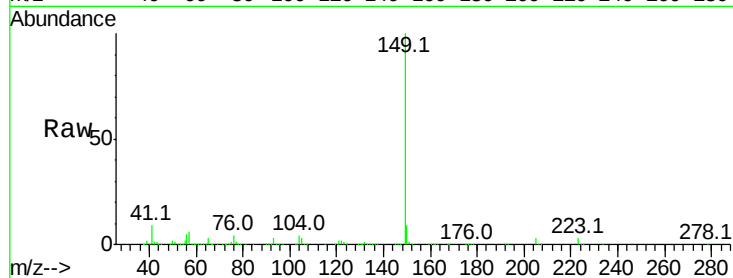
Tot Ion:149 Resp: 1120500

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

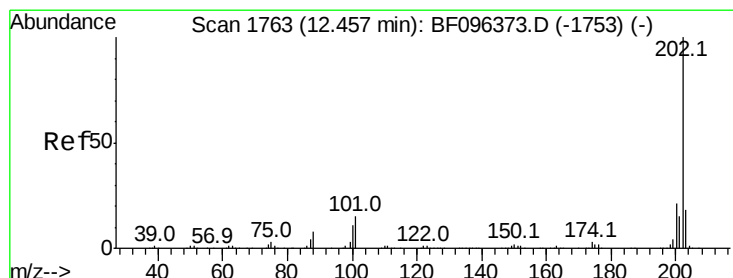
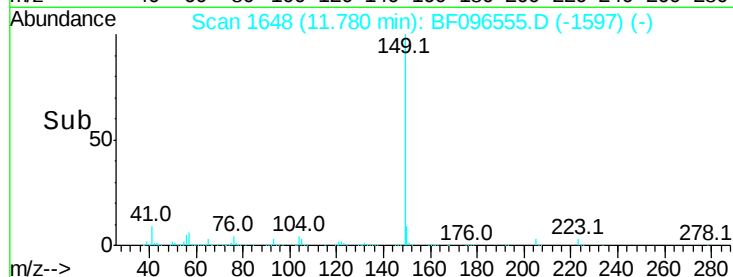
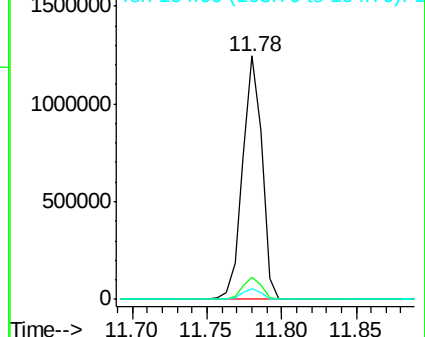
104 4.5 4.0 6.0



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: 42.24 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

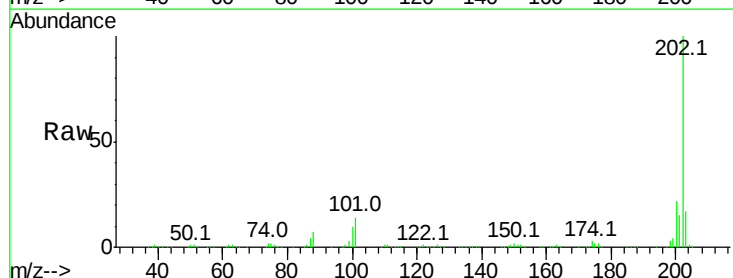
Tgt Ion:202 Resp: 895846

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

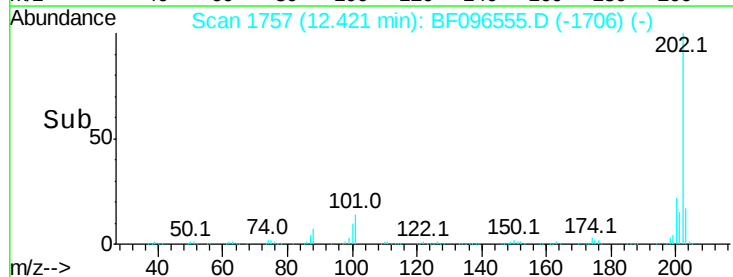
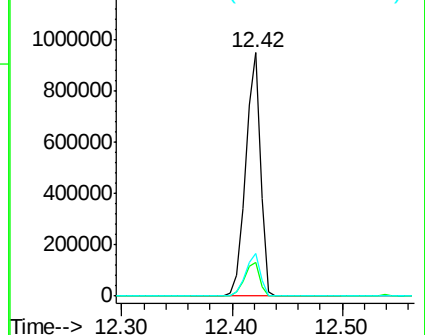
203 17.3 0.0 38.1

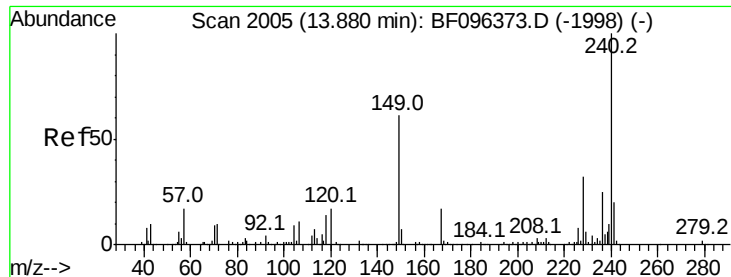


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

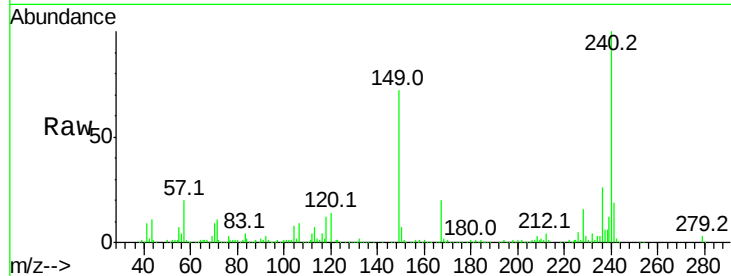
Tot Ion:240 Resp: 221018

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

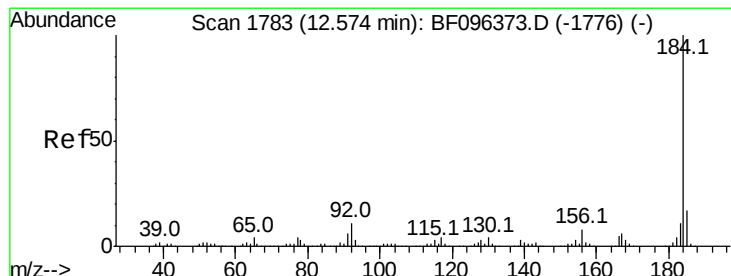
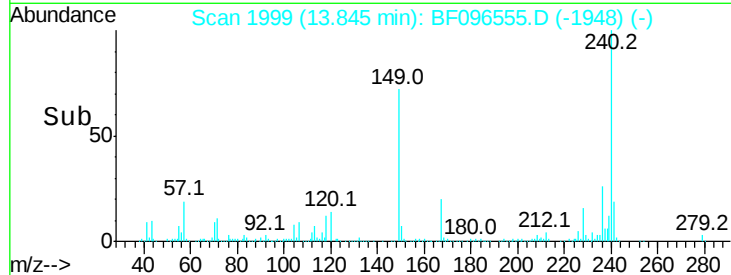
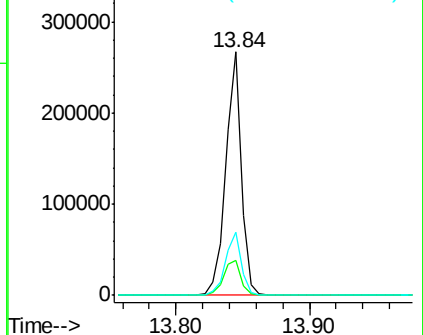
236 25.8 20.5 30.7



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: 41.31 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

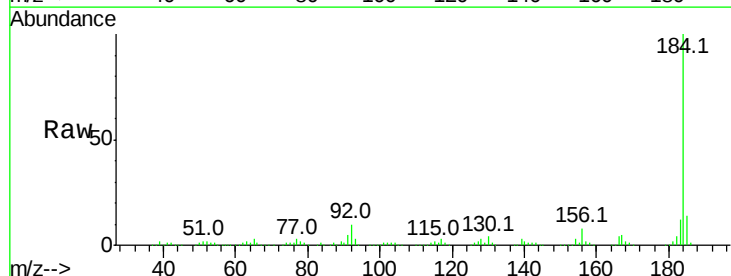
Tgt Ion:184 Resp: 438093

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

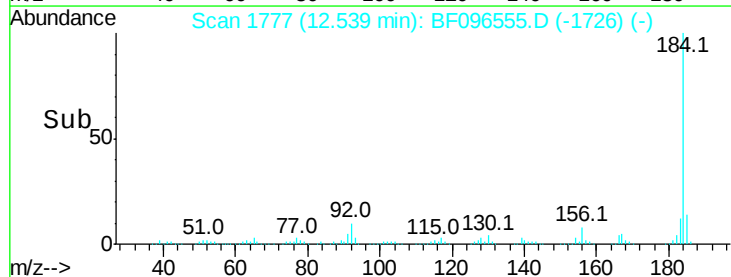
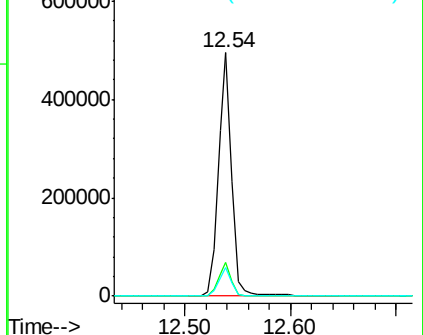
183 11.6 9.8 14.6

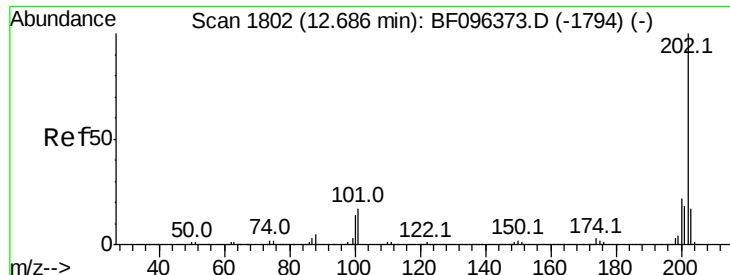


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

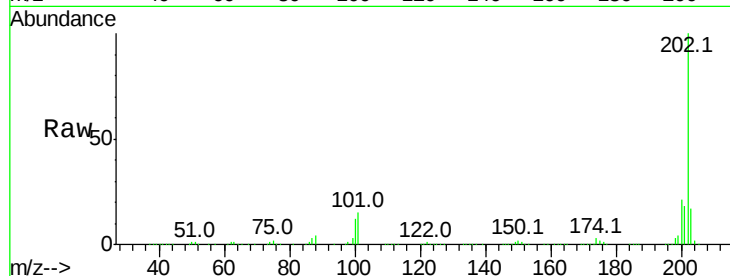




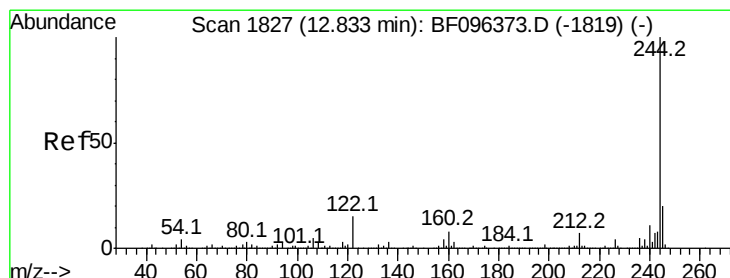
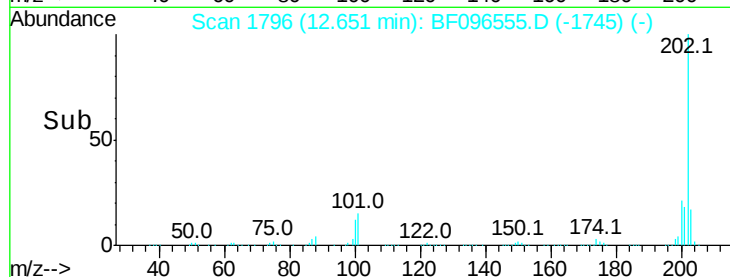
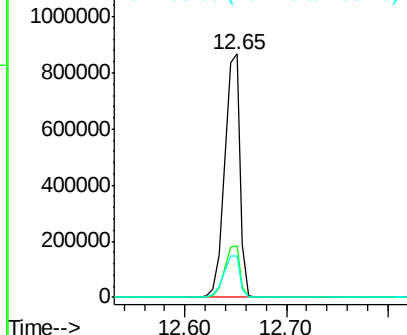
#77
Pvrene
Concen: 50.95 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 903832
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.2 14.4 21.6

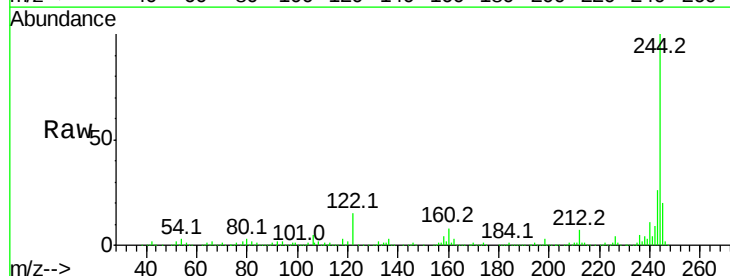


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

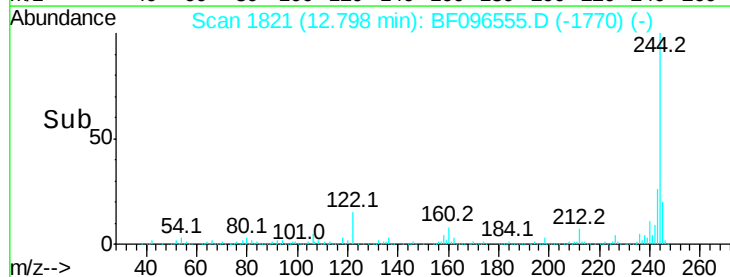
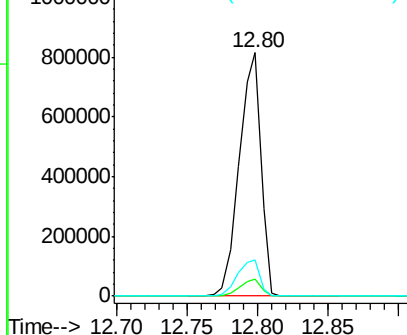


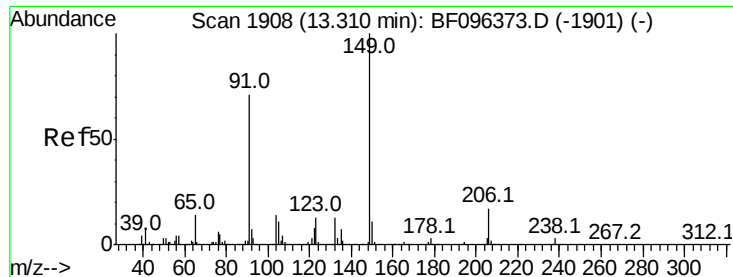
#78
Terphenyl-d14
Concen: 84.19 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:244 Resp: 870760
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 14.7 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

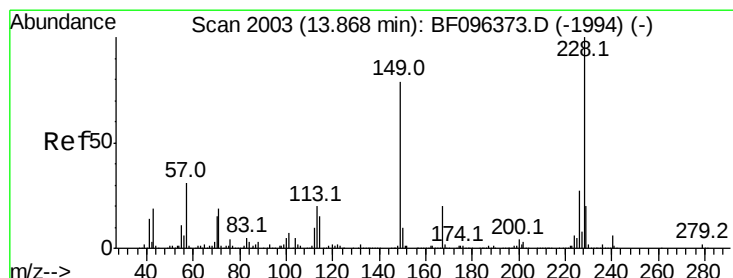
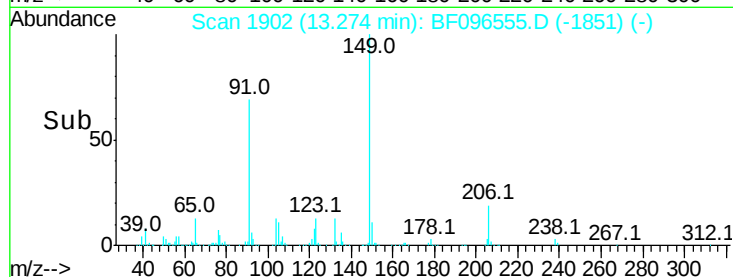
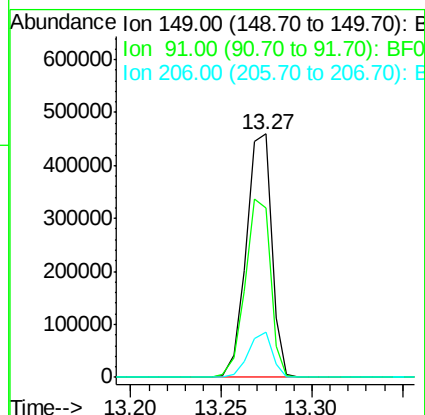
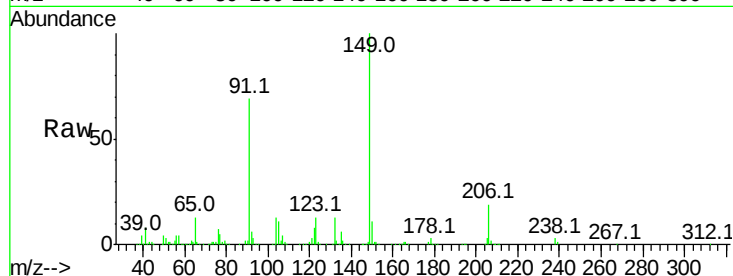




#79
Butylbenzylphthalate
Concen: 50.07 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

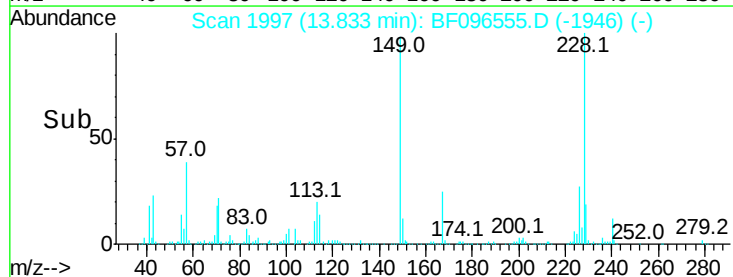
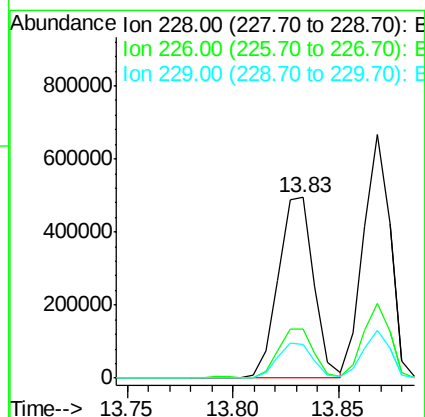
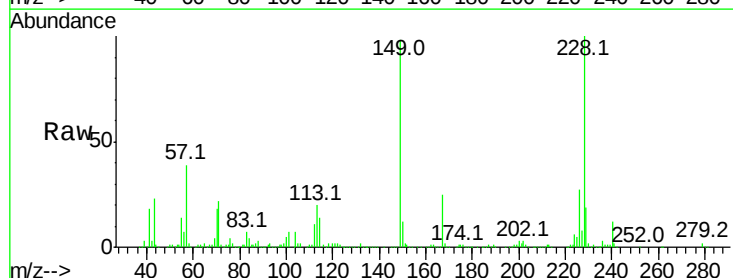
Instrument :
BNA_F
ClientSampleId :

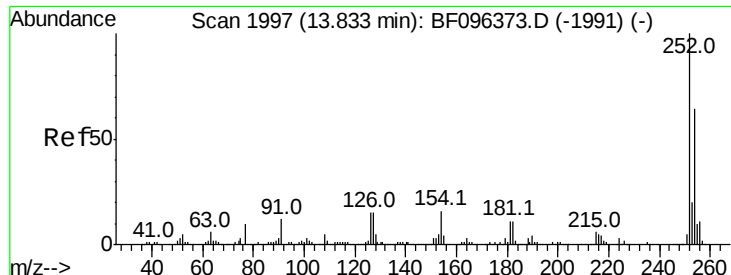
Tot Ion:149 Resp: 449690
Ion Ratio Lower Upper
149 100
91 69.5 45.0 67.4#
206 18.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.28 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:228 Resp: 579513
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 18.9 16.3 24.5

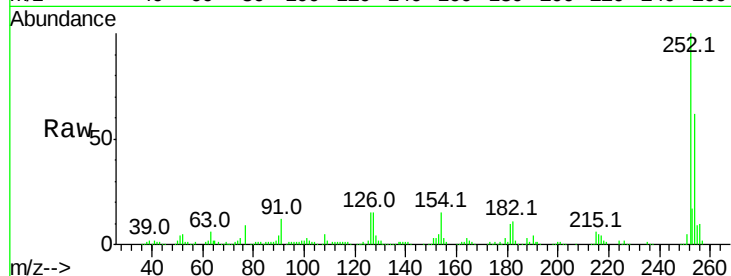




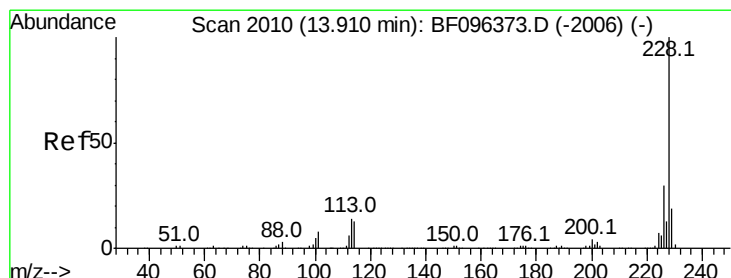
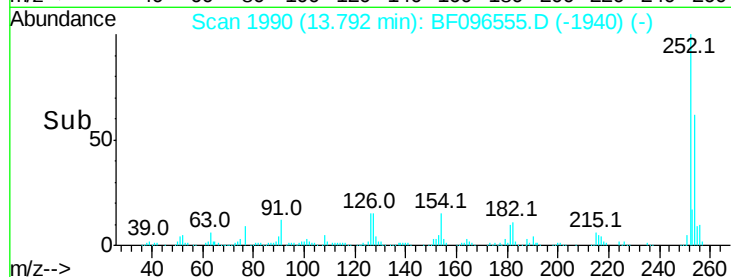
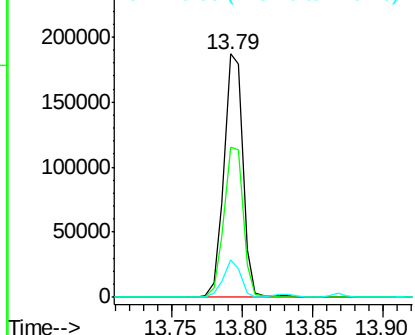
#81
 3,3'-Dichlorobenzidine
 Concen: 33.37 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 175413
 Ion Ratio Lower Upper
 252 100
 254 61.6 51.5 77.3
 126 15.5 15.8 23.8#

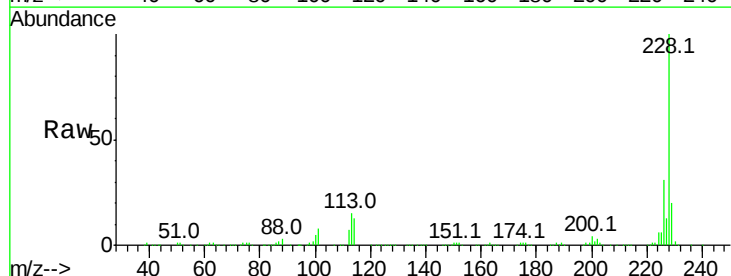


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

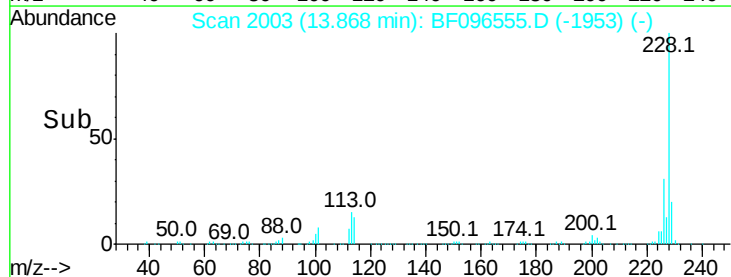
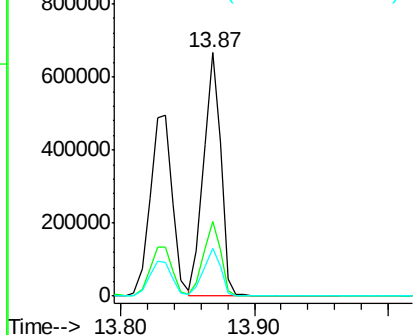


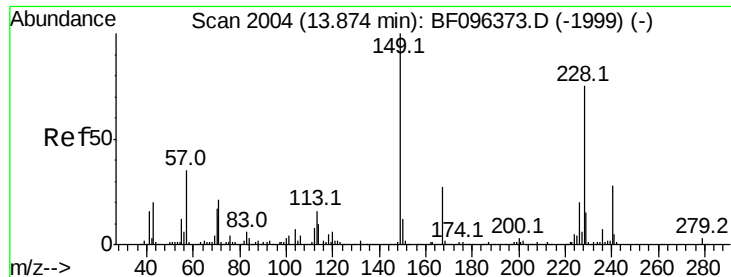
#82
 Chrysene
 Concen: 44.41 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion:228 Resp: 595222
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.6 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.29 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

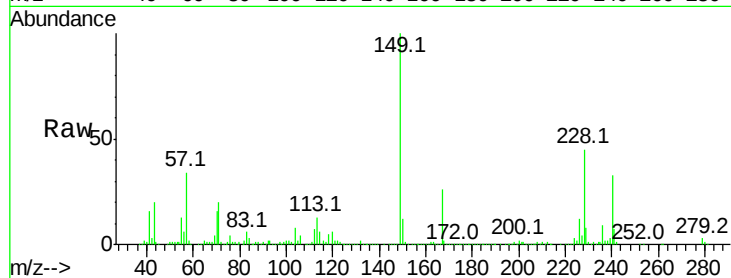
Tot Ion:149 Resp: 524158

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

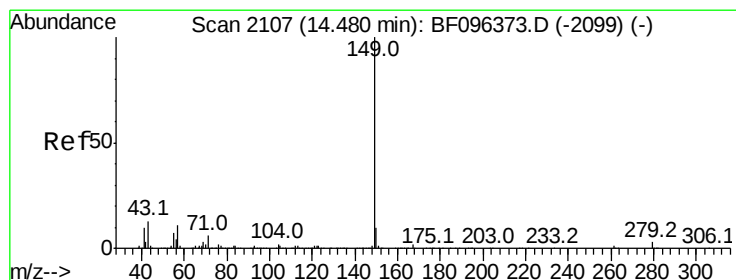
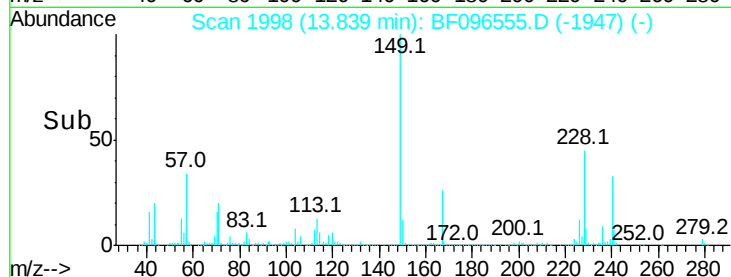
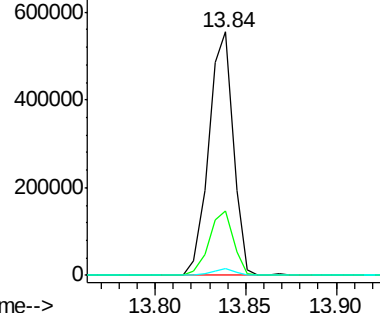
279 2.9 1.9 2.9#



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: 47.15 ng

RT: 14.44 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

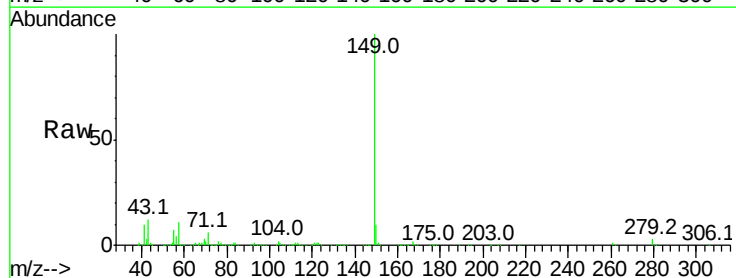
Tgt Ion:149 Resp: 930676

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

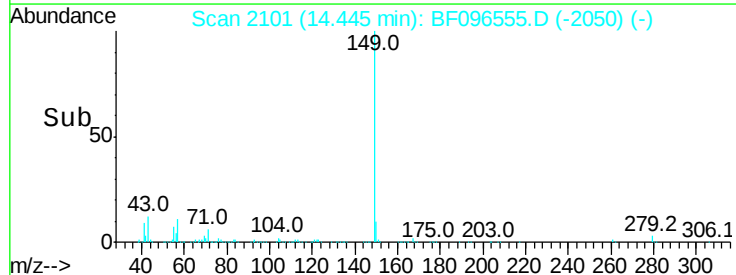
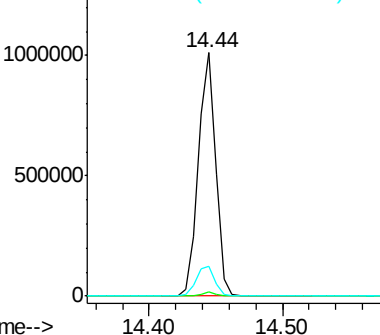
43 12.9 8.5 12.7#

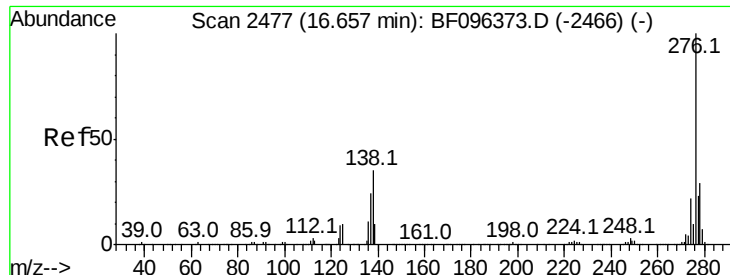


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

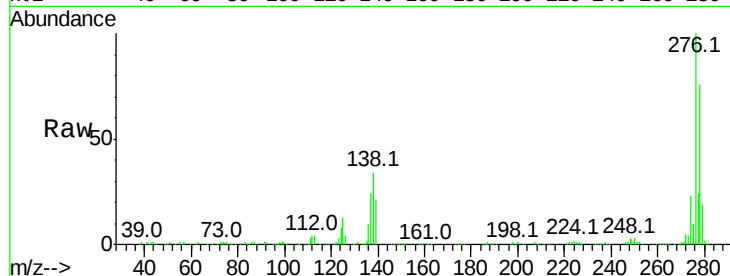




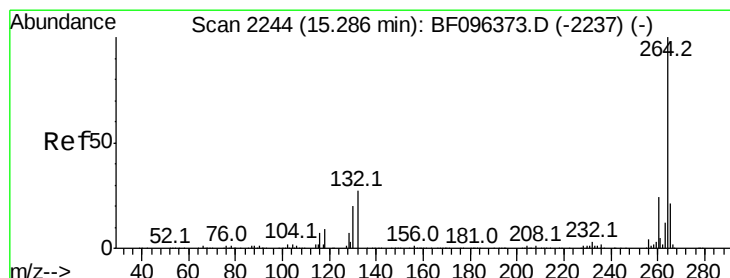
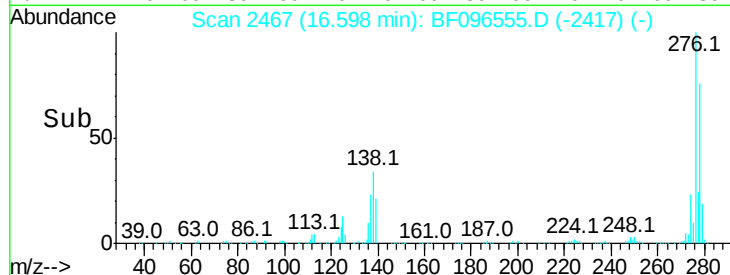
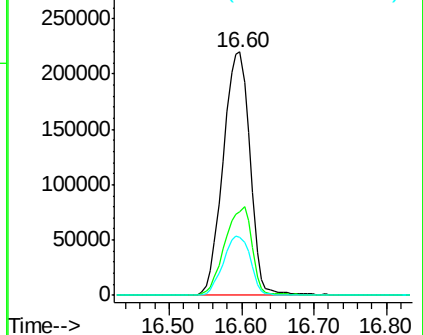
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.74 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.7	27.8	41.6
277	24.7	20.2	30.4

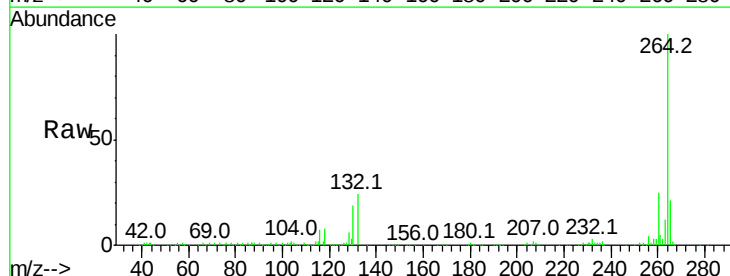


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

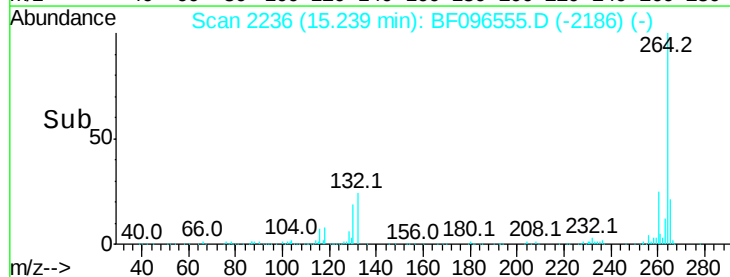
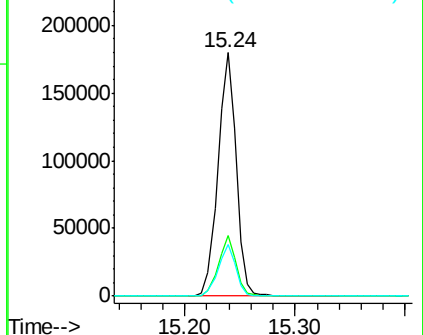


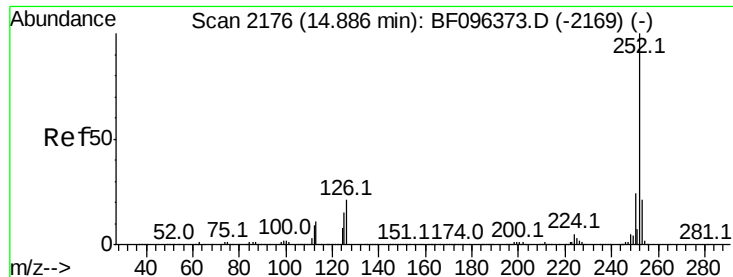
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

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



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

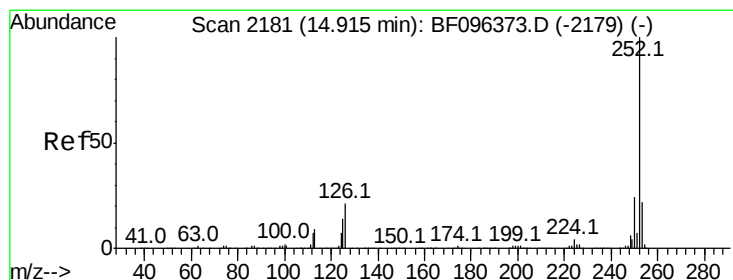
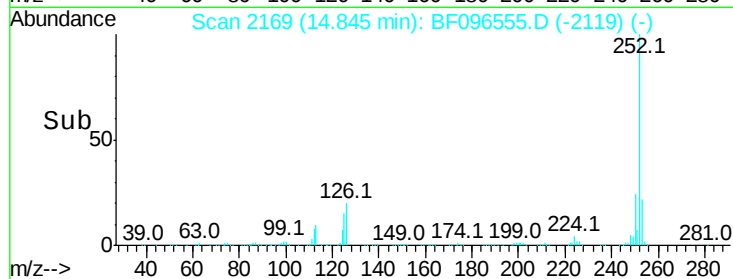
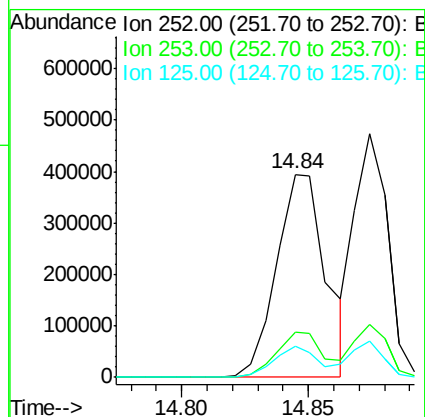
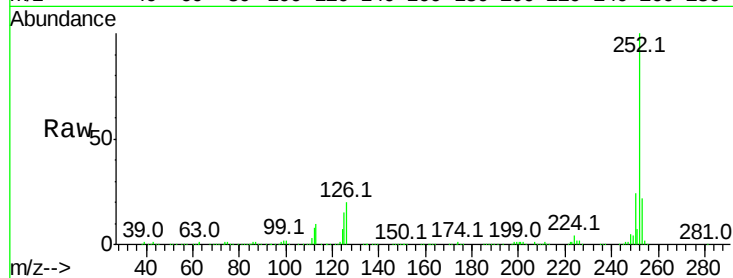




#87
Benzo(b)fluoranthene
Concen: 41.49 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

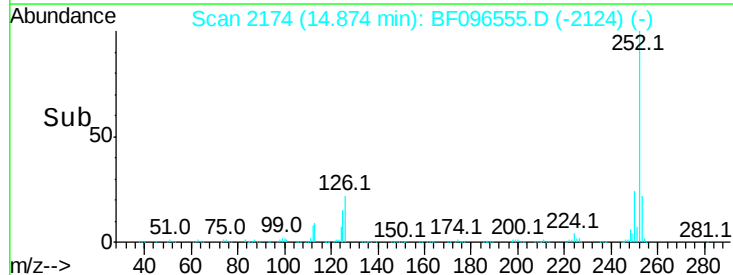
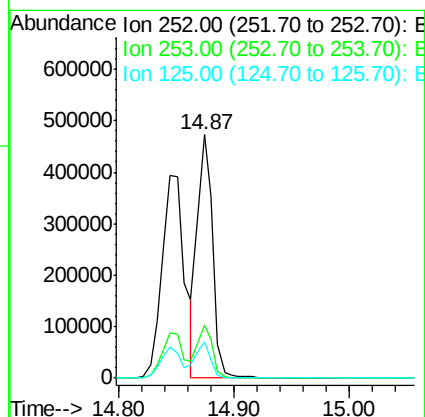
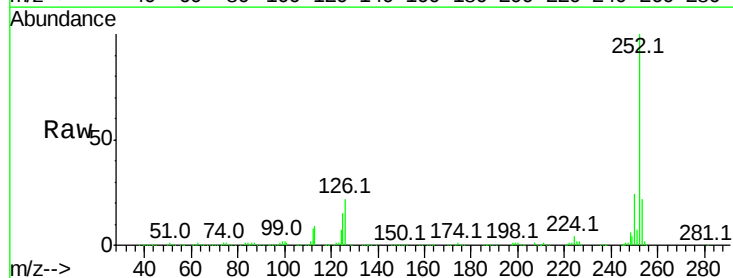
Instrument :
BNA_F
ClientSampleId :

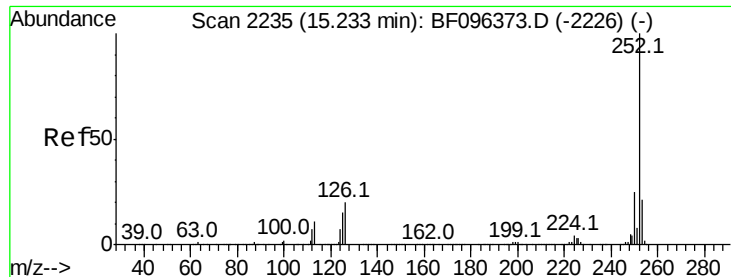
Tot Ion:252 Resp: 536422
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 15.3 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 38.14 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:252 Resp: 441198
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 14.9 13.1 19.7





#89

Benzo(a)pyrene

Concen: 40.13 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampled :

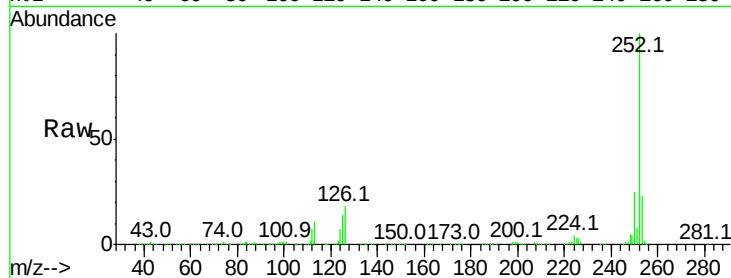
Tot Ion:252 Resp: 463292

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

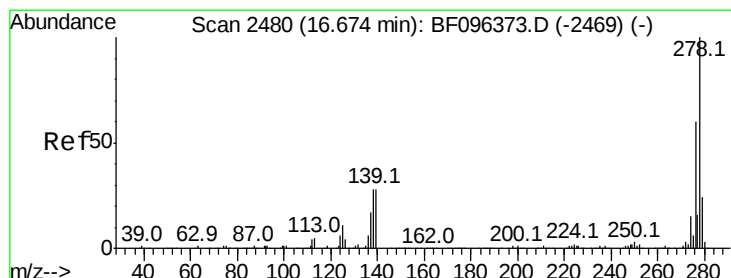
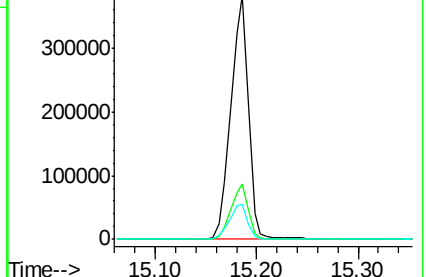
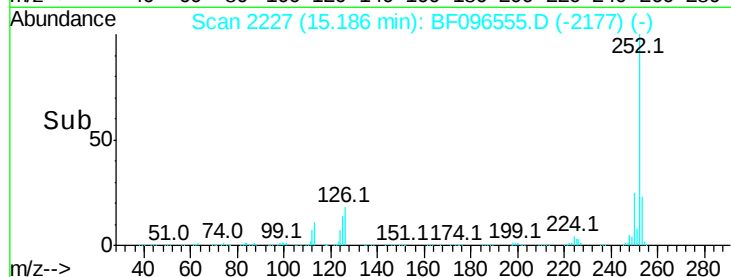
125 14.4 11.0 16.4



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: 50.73 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

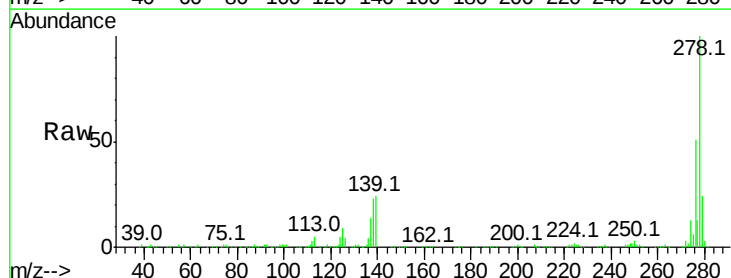
Tgt Ion:278 Resp: 460766

Ion Ratio Lower Upper

278 100

139 24.0 16.6 24.8

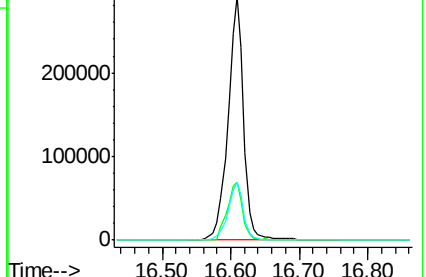
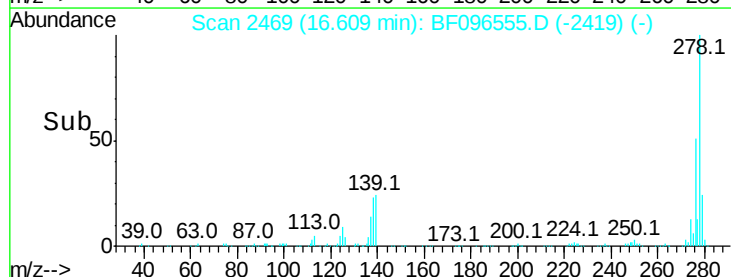
279 23.7 19.3 28.9

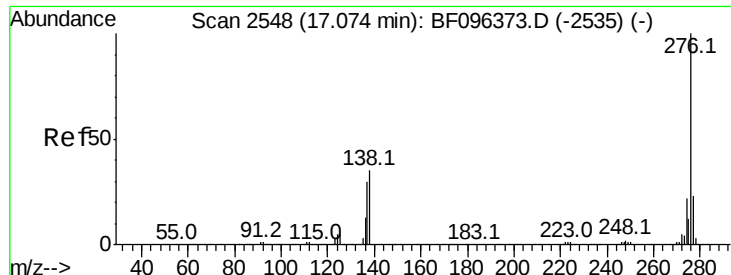


Abundance Ion 278.00 (277.70 to 278.70): E

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: 53.55 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

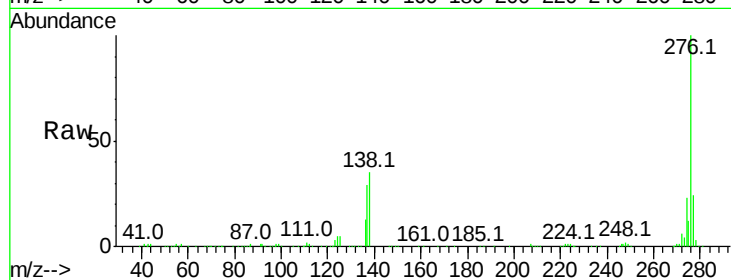
Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 503930

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 34.5 25.4 38.0

