

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097476.D
 Acq On : 8 Aug 2017 18:50
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 19:38:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	91726	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	365650	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	149901	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	276978	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	166423	20.00	ng	0.00
86) Perylene-d12	14.87	264	141848	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.99	112	525324	86.34	ng	-0.01
7) Phenol-d6	6.08	99	568313	81.81	ng	0.00
23) Nitrobenzene-d5	6.98	82	516494	82.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	106610	90.01	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	739795	83.76	ng	0.00
78) Terphenyl-d14	12.49	244	696318	85.31	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	104003	40.959	ng	# 71
3) Pyridine	2.47	79	299214	38.483	ng	# 58
4) n-Nitrosodimethylamine	2.43	42	168700	39.164	ng	80
6) Aniline	6.07	93	366804	41.962	ng	95
8) 2-Chlorophenol	6.20	128	272570	41.894	ng	94
9) Benzaldehyde	5.95	77	197323	47.992	ng	98
10) Phenol	6.09	94	349237	42.386	ng	98
11) bis(2-Chloroethyl)ether	6.15	93	267439	41.039	ng	91
12) 1,3-Dichlorobenzene	6.35	146	284785	40.616	ng	99
13) 1,4-Dichlorobenzene	6.42	146	291119	41.896	ng	95
14) 1,2-Dichlorobenzene	6.57	146	246170	40.575	ng	99
15) Benzyl Alcohol	6.57	79	198905	45.227	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.70	45	511918	39.166	ng	51
17) 2-Methylphenol	6.70	107	200173	39.864	ng	# 88
18) Hexachloroethane	6.91	117	103120	40.565	ng	# 81
19) n-Nitroso-di-n-propylamine	6.85	70	189205	41.380	ng	# 83
20) 3+4-Methylphenols	6.86	107	287513	43.839	ng	# 62
22) Acetophenone	6.83	105	361439	41.162	ng	98
24) Nitrobenzene	7.00	77	281028	43.292	ng	96
25) Isophorone	7.25	82	481273	39.428	ng	97
26) 2-Nitrophenol	7.32	139	146332	41.666	ng	91
27) 2,4-Dimethylphenol	7.38	122	234764	40.523	ng	96
28) bis(2-Chloroethoxy)methane	7.46	93	315483	39.605	ng	99
29) 2,4-Dichlorophenol	7.57	162	213658	42.810	ng	97
30) 1,2,4-Trichlorobenzene	7.64	180	193309	40.635	ng	99
31) Naphthalene	7.71	128	703727	40.828	ng	99
32) Benzoic acid	7.56	122	177992	41.144	ng	92
33) 4-Chloroaniline	7.77	127	275423	39.271	ng	98
34) Hexachlorobutadiene	7.83	225	97877	38.809	ng	99
35) Caprolactam	8.16	113	30849	19.276	ng	# 65
36) 4-Chloro-3-methylphenol	8.29	107	233145	42.819	ng	90
37) 2-Methylnaphthalene	8.40	142	427231	39.148	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	171688	42.925	ng	99
40) Hexachlorocyclopentadiene	8.56	237	63775	48.432	ng	99

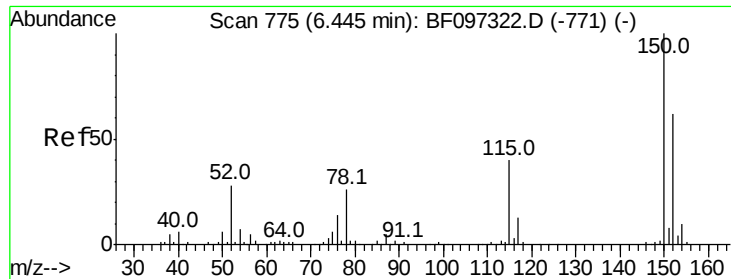
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097476.D
 Acq On : 8 Aug 2017 18:50
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	113324	39.097	ng	98
43) 2,4,5-Trichlorophenol	8.75	196	112043	38.620	ng	97
45) 1,1'-Biphenyl	8.87	154	570233	44.537	ng	98
46) 2-Chloronaphthalene	8.89	162	421214	44.705	ng	92
47) 2-Nitroaniline	9.00	65	160198	46.850	ng	96
48) Acenaphthylene	9.29	152	620136	42.880	ng	99
49) Dimethylphthalate	9.18	163	493081	43.316	ng	99
50) 2,6-Dinitrotoluene	9.25	165	105559	43.722	ng #	80
51) Acenaphthene	9.47	154	380029	44.611	ng	99
52) 3-Nitroaniline	9.41	138	125100	41.745	ng	99
53) 2,4-Dinitrophenol	9.54	184	61088	55.649	ng #	71
54) Dibenzofuran	9.64	168	532253	46.908	ng	93
55) 4-Nitrophenol	9.64	139	339321	190.403	ng #	35
56) 2,4-Dinitrotoluene	9.65	165	145948	52.585	ng #	69
57) Fluorene	9.98	166	382967	44.906	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.77	232	88243	44.052	ng #	97
59) Diethylphthalate	9.87	149	448256	42.923	ng	99
60) 4-Chlorophenyl-phenylether	9.97	204	154494	43.870	ng	99
61) 4-Nitroaniline	10.03	138	124904	43.865	ng	93
62) Azobenzene	10.13	77	462557	47.744	ng	92
64) 4,6-Dinitro-2-methylphenol	10.07	198	74782	43.450	ng	87
65) n-Nitrosodiphenylamine	10.10	169	396934	41.188	ng	98
66) 4-Bromophenyl-phenylether	10.46	248	110285	39.898	ng	91
67) Hexachlorobenzene	10.53	284	123245	39.760	ng #	84
68) Atrazine	10.63	200	102116	36.952	ng	92
69) Pentachlorophenol	10.73	266	78939	61.550	ng	98
70) Phenanthrene	10.93	178	602377	40.590	ng	99
71) Anthracene	10.98	178	615641	40.503	ng	98
72) Carbazole	11.15	167	629803	42.131	ng	98
73) Di-n-butylphthalate	11.49	149	733807	39.711	ng	99
74) Fluoranthene	12.11	202	577798	39.742	ng	98
76) Benzidine	12.25	184	156437	25.334	ng #	94
77) Pyrene	12.33	202	584507	42.901	ng	99
79) Butylbenzylphthalate	12.97	149	257117	37.100	ng #	84
80) Benzo(a)anthracene	13.52	228	417097	38.734	ng	98
81) 3,3'-Dichlorobenzidine	13.49	252	157991	38.907	ng #	97
82) Chrysene	13.56	228	416804	39.640	ng	100
83) Bis(2-ethylhexyl)phthalate	13.53	149	322792	35.672	ng	99
84) Di-n-octyl phthalate	14.14	149	539277	32.475	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.06	276	344425	38.200	ng	97
87) Benzo(b)fluoranthene	14.52	252	364196	42.712	ng	98
88) Benzo(k)fluoranthene	14.82	252	277714	34.179	ng	98
89) Benzo(a)pyrene	14.82	252	305779	39.183	ng	98
90) Dibenzo(a,h)anthracene	16.06	278	280112	43.770	ng	96
91) Benzo(g,h,i)perylene	16.40	276	281887	42.003	ng	99

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

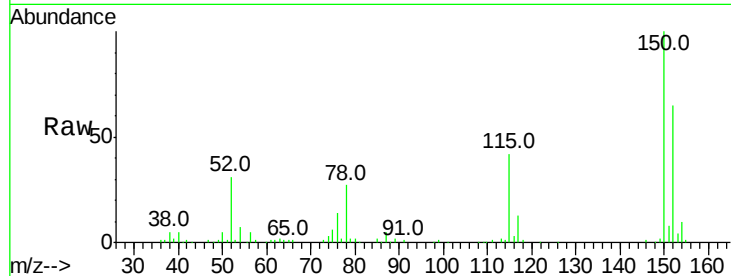


#1

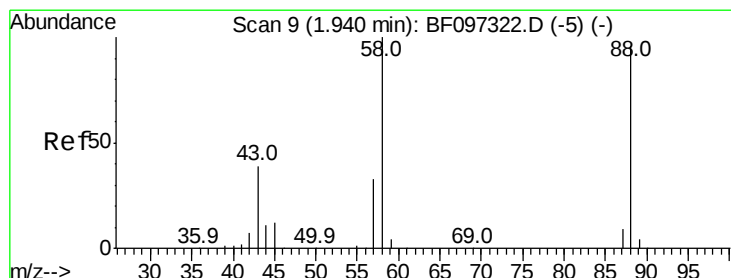
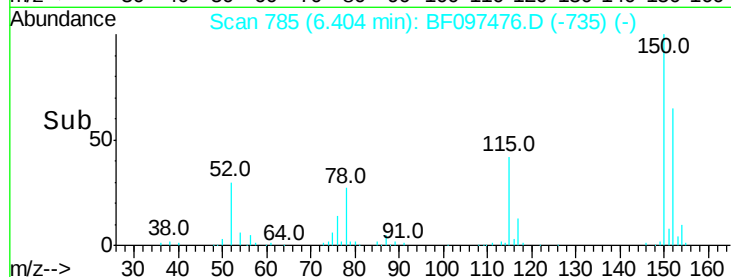
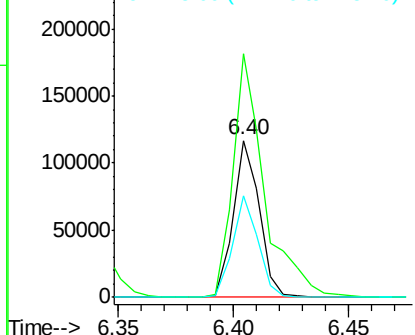
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 91726
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 64.4 52.2 78.2



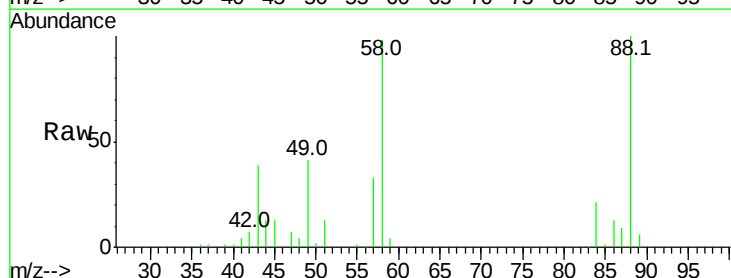
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



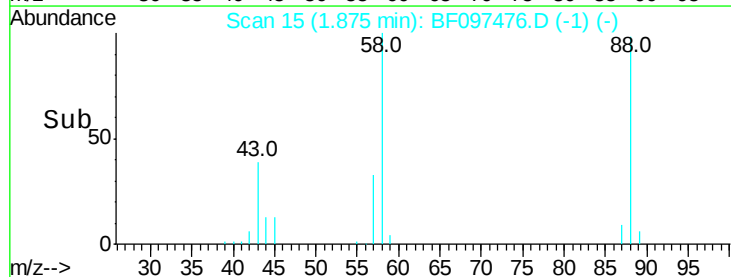
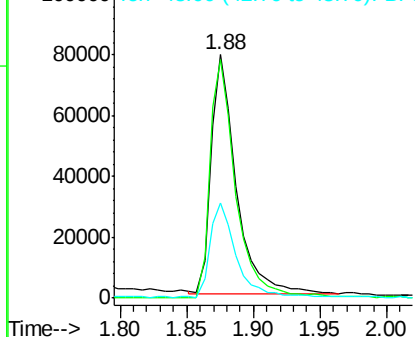
#2

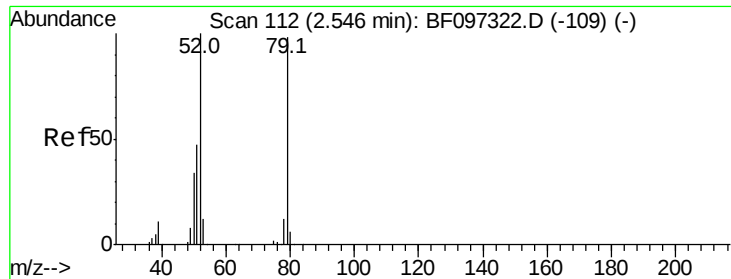
1,4-Dioxane
Concen: 40.959 ng
RT: 1.88 min Scan# 15
Delta R.T. -0.02 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion: 88 Resp: 104003
Ion Ratio Lower Upper
88 100
58 102.9 61.4 92.0#
43 42.7 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: 38.483 ng

RT: 2.47 min Scan# 116

Delta R.T. -0.02 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

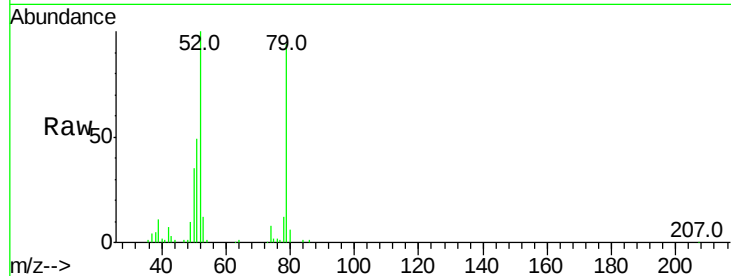
Tot Ion: 79 Resp: 299214

Ion Ratio Lower Upper

79 100

52 106.3 54.8 82.2#

51 52.2 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

100000

50000

0

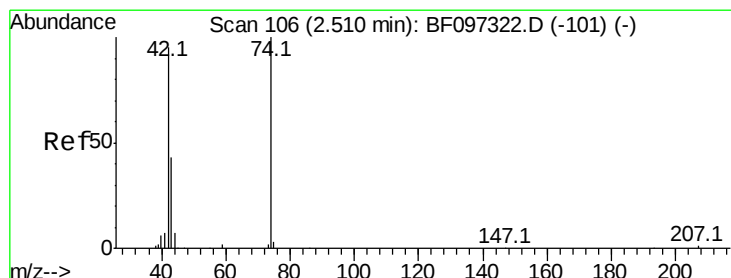
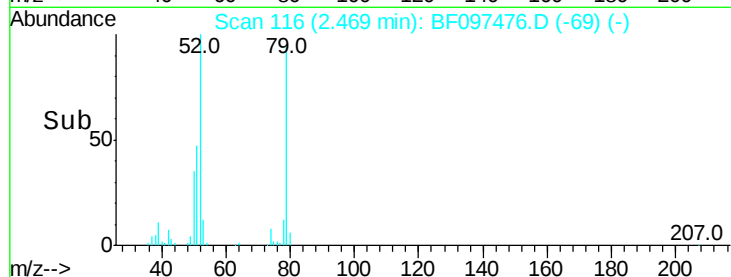
2.47

2.40

2.60

2.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 39.164 ng

RT: 2.43 min Scan# 110

Delta R.T. -0.03 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

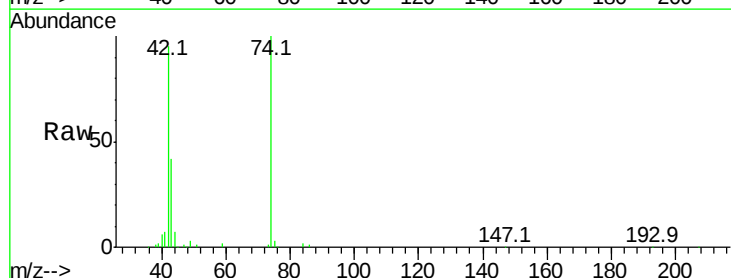
Tgt Ion: 42 Resp: 168700

Ion Ratio Lower Upper

42 100

74 105.2 103.9 155.9

44 7.1 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

100000

50000

0

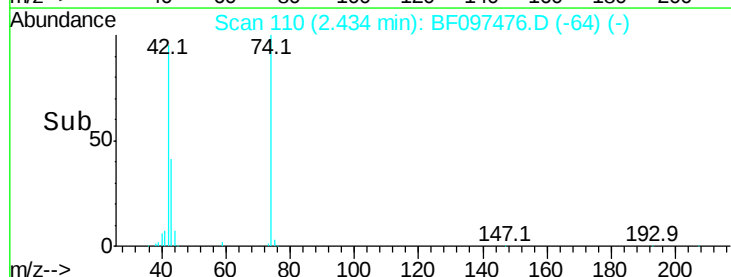
2.43

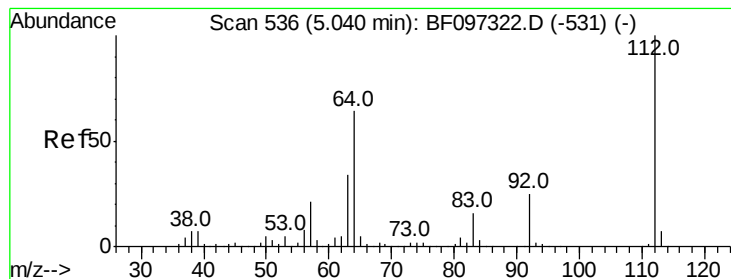
2.40

2.50

2.60

Time-->





#5

2-Fluorophenol

Concen: 86.335 ng

RT: 4.99 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

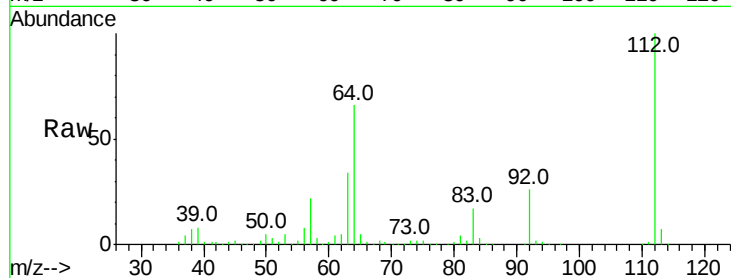
Tot Ion:112 Resp: 525324

Ion Ratio Lower Upper

112 100

64 66.2 46.0 69.0

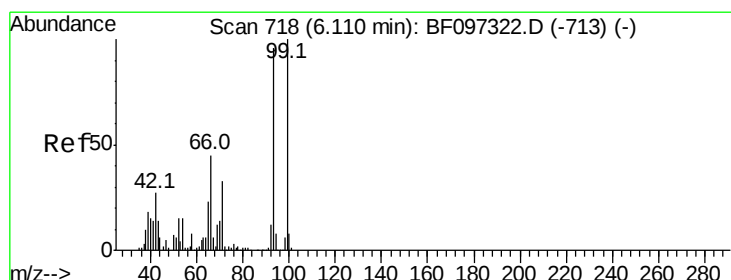
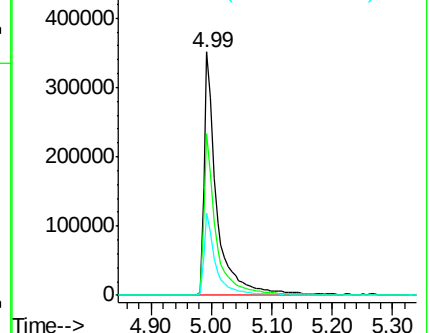
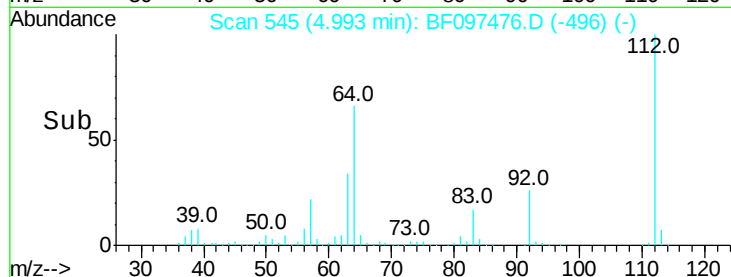
63 33.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.962 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

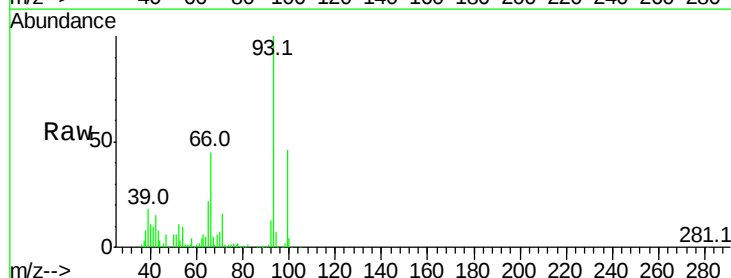
Tgt Ion: 93 Resp: 366804

Ion Ratio Lower Upper

93 100

66 44.5 32.9 49.3

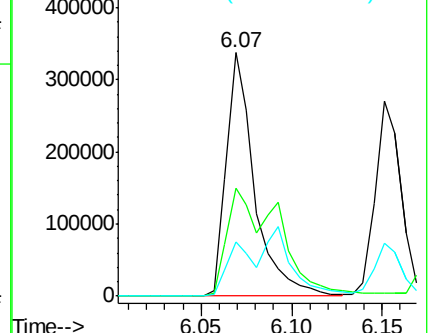
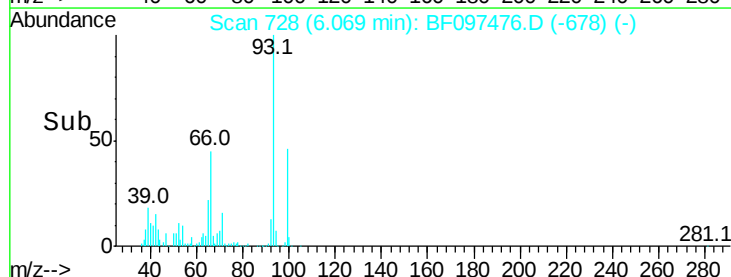
65 22.3 16.0 24.0

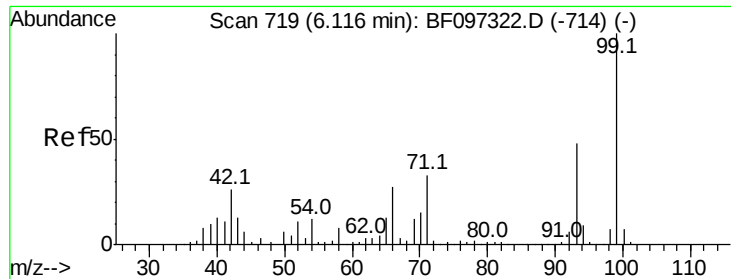


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.814 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

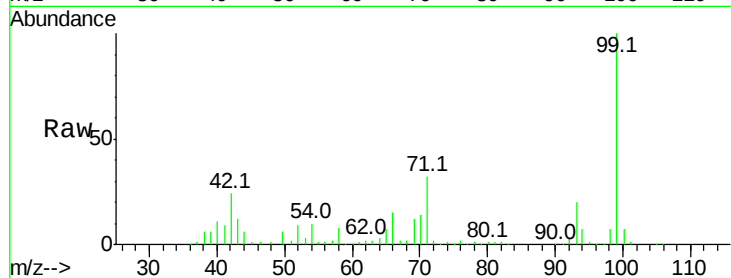
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 568313

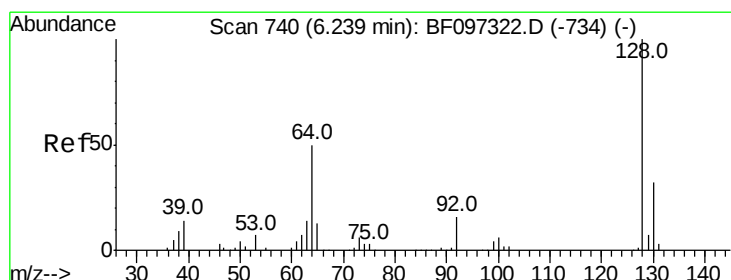
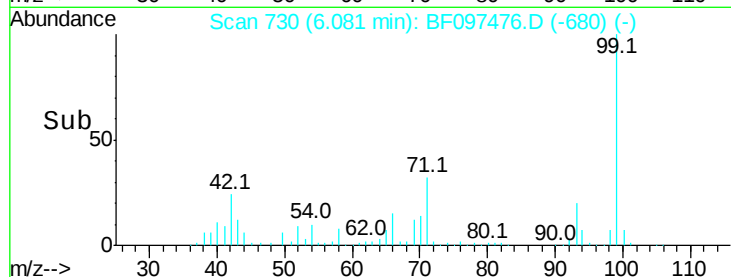
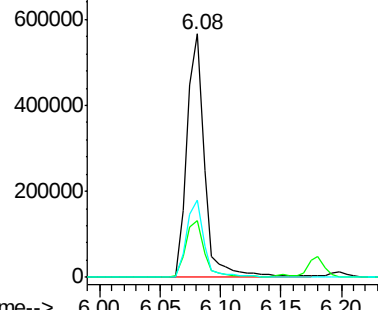
Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	31.9	24.5	36.7



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: 41.894 ng

RT: 6.20 min Scan# 750

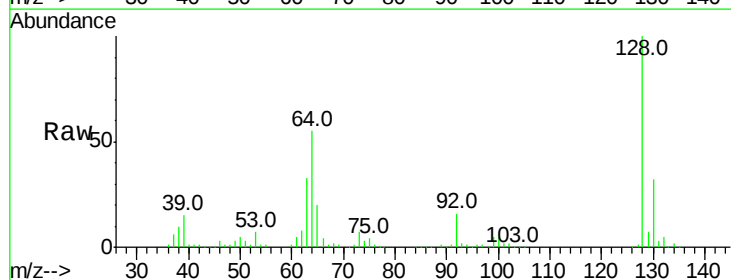
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:128 Resp: 272570

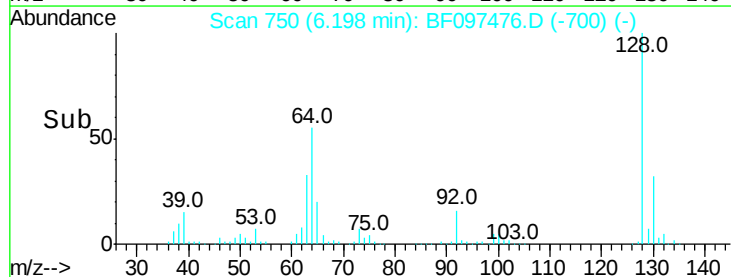
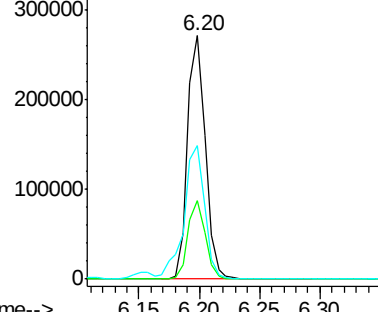
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	54.7	28.4	68.4

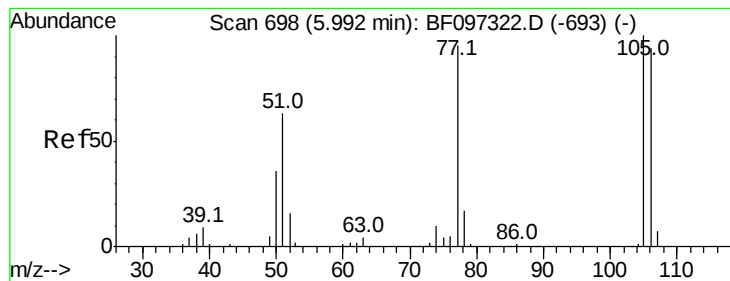


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 47.992 ng

RT: 5.95 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampled :

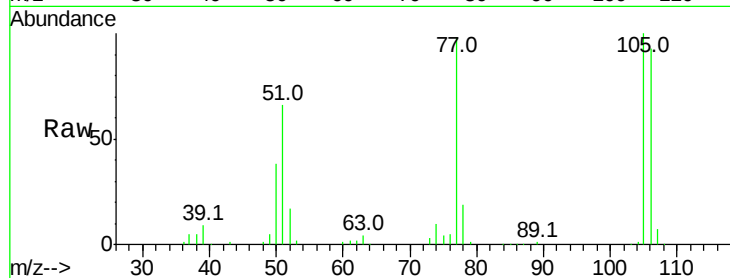
Tot Ion: 77 Resp: 197323

Ion Ratio Lower Upper

77 100

105 102.4 83.8 123.8

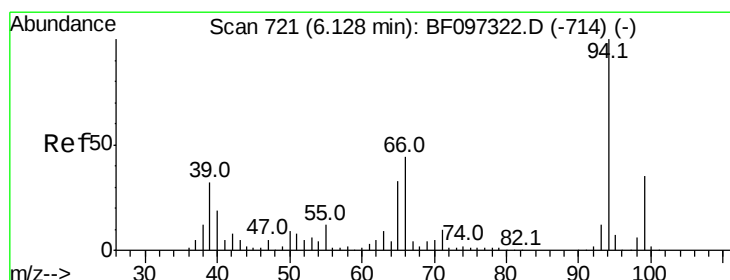
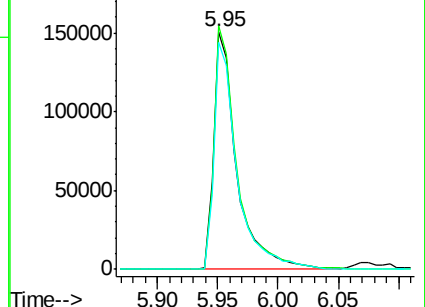
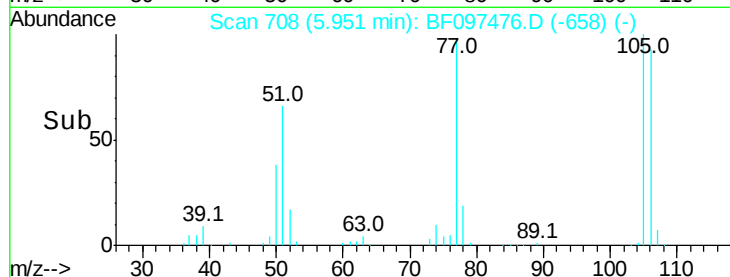
106 95.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.386 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

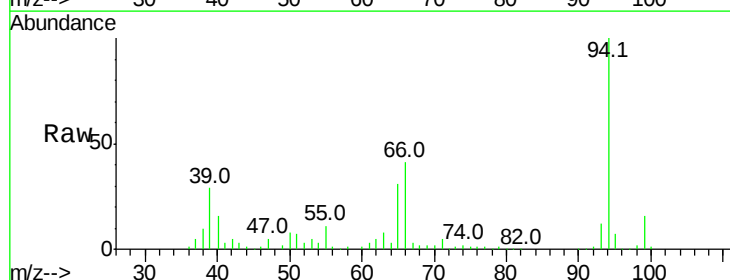
Tgt Ion: 94 Resp: 349237

Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

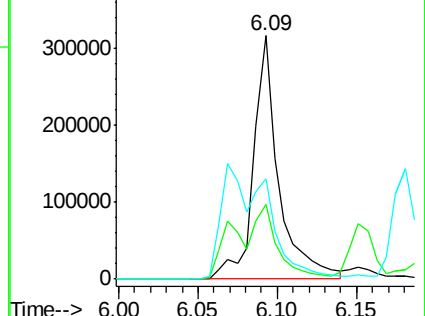
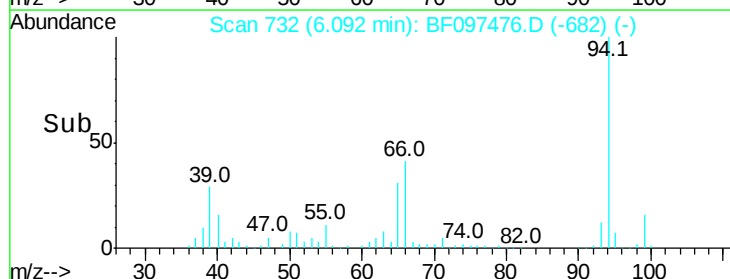
66 41.2 23.1 63.1

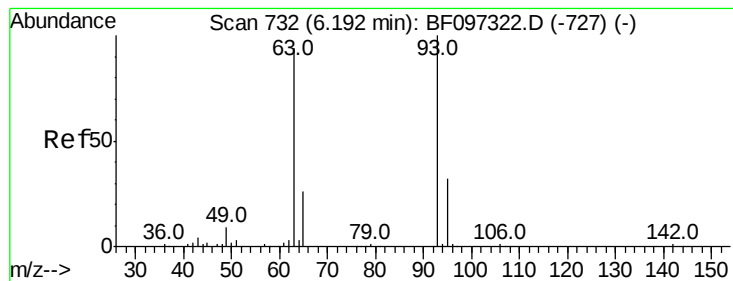


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.039 ng

RT: 6.15 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

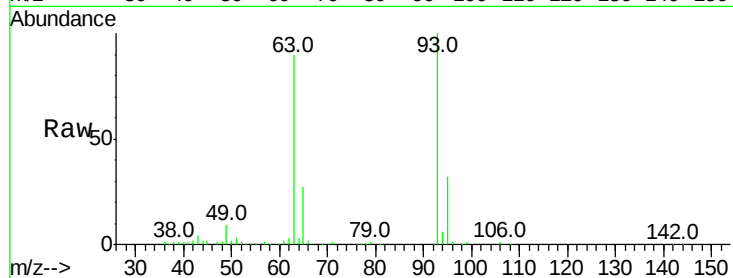
Tot Ion: 93 Resp: 267439

Ion Ratio Lower Upper

93 100

63 89.9 59.2 99.2

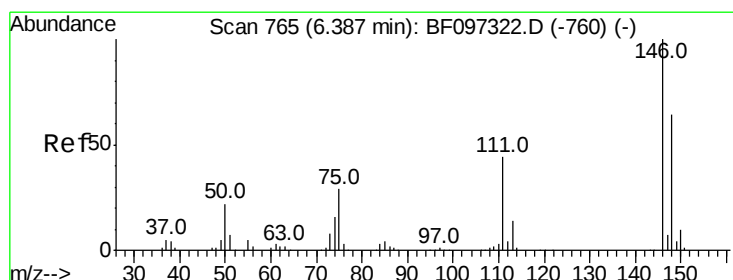
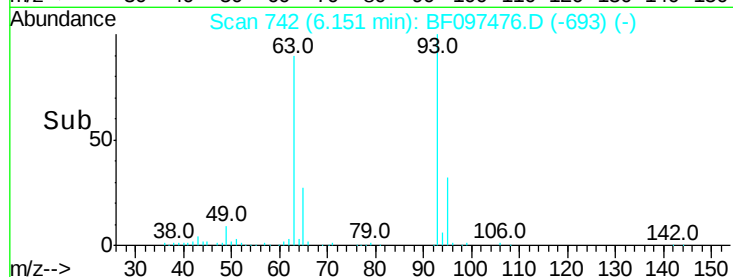
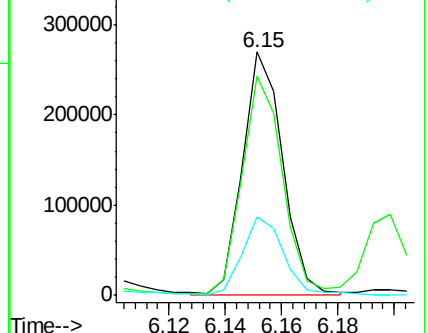
95 32.0 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.616 ng

RT: 6.35 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

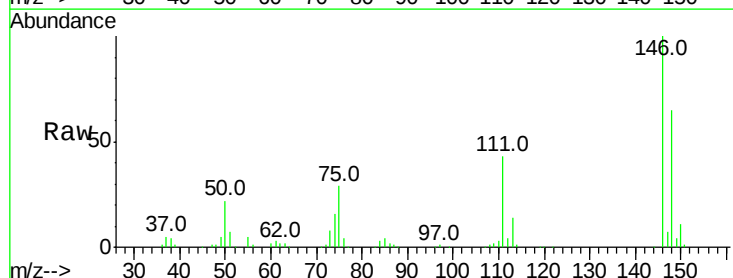
Tgt Ion: 146 Resp: 284785

Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

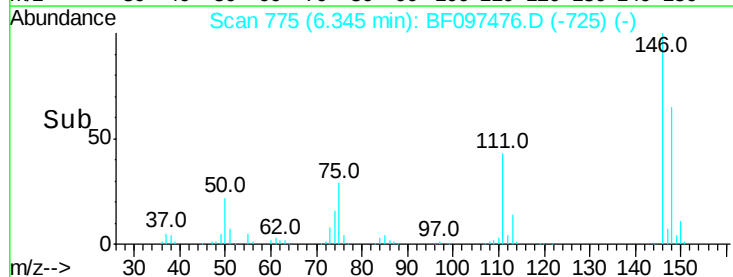
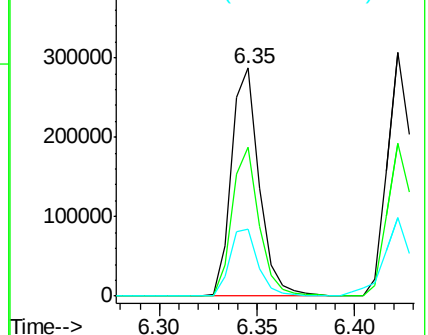
75 29.2 23.1 34.7

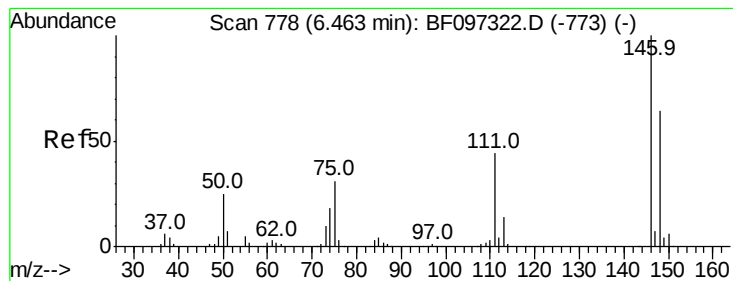


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.896 ng

RT: 6.42 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampled :

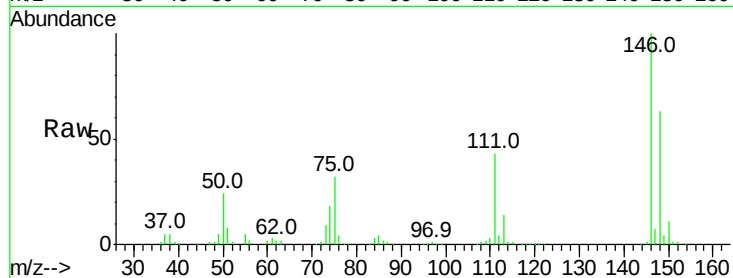
Tot Ion:146 Resp: 291119

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.2

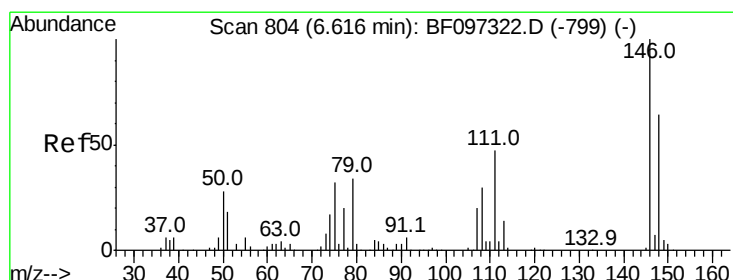
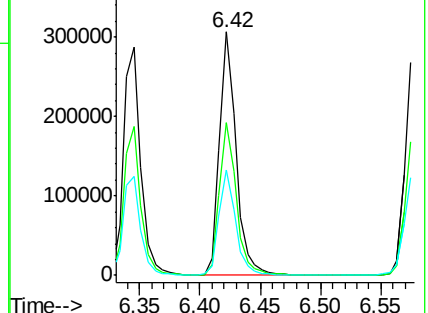
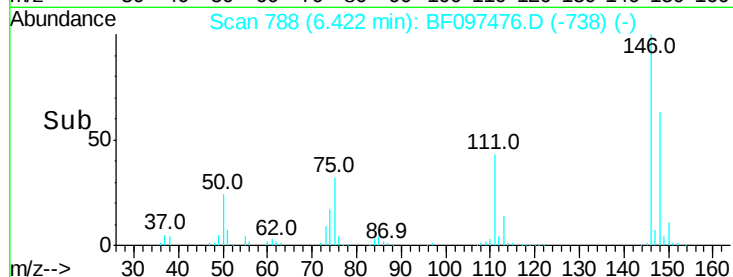
111 43.1 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.575 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

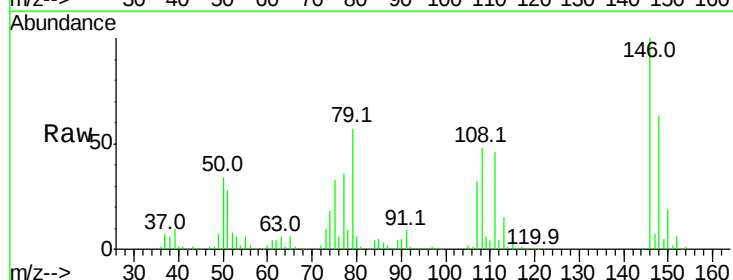
Tgt Ion:146 Resp: 246170

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

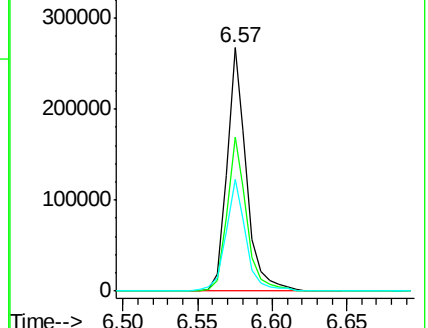
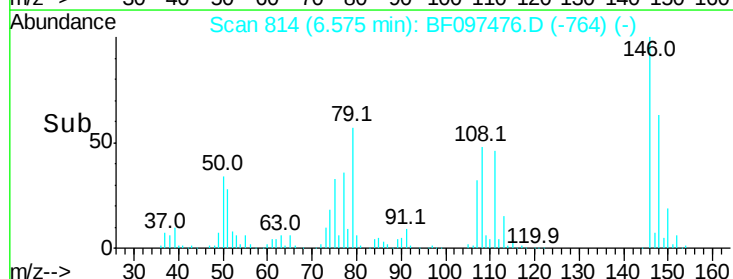
111 46.1 38.2 57.4

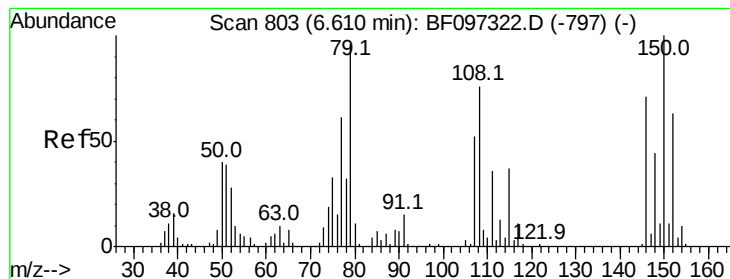


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.227 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampled :

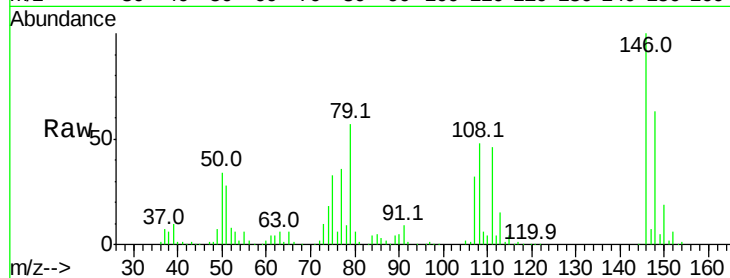
Tot Ion: 79 Resp: 198905

Ion Ratio Lower Upper

79 100

108 84.3 63.4 95.0

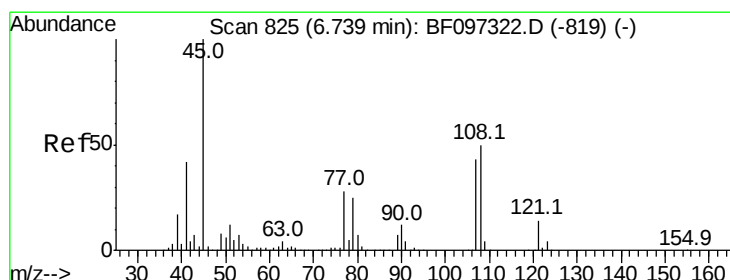
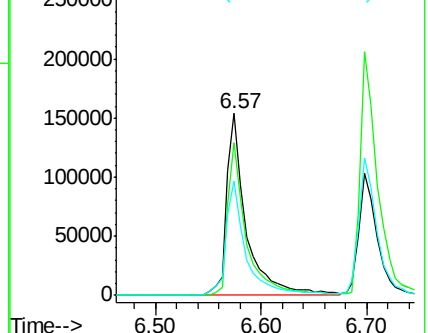
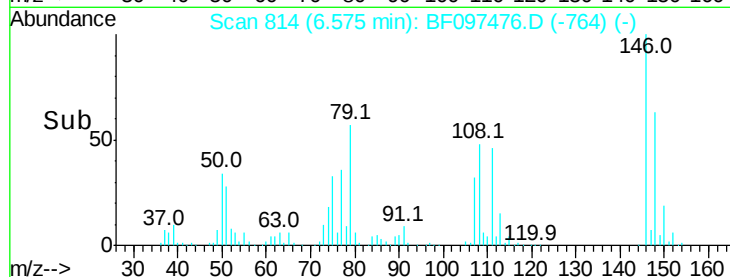
77 62.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.166 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

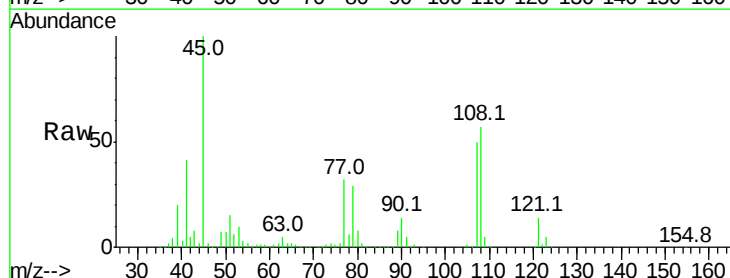
Tgt Ion: 45 Resp: 511918

Ion Ratio Lower Upper

45 100

77 32.2 0.0 33.2

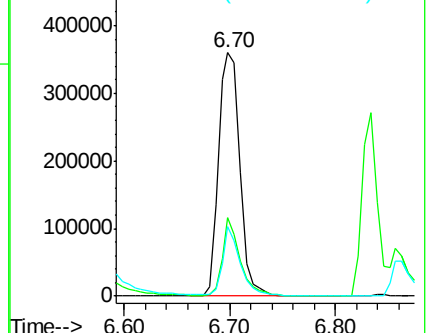
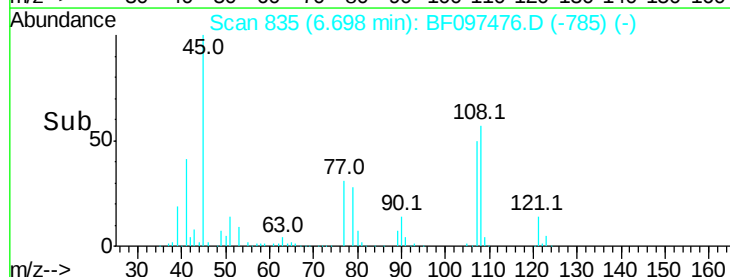
79 28.8 0.0 30.0

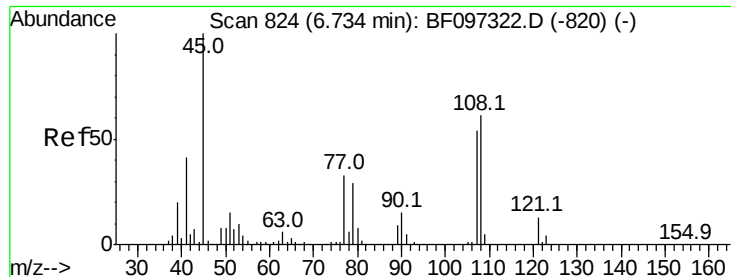


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.864 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097476.D

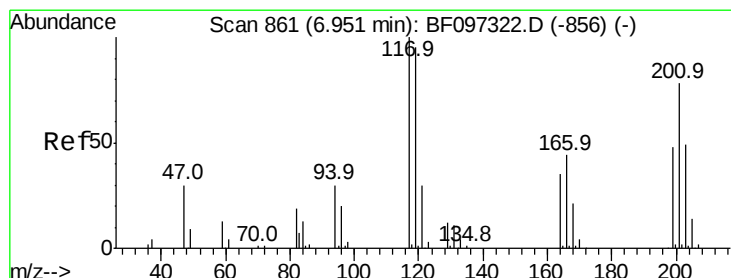
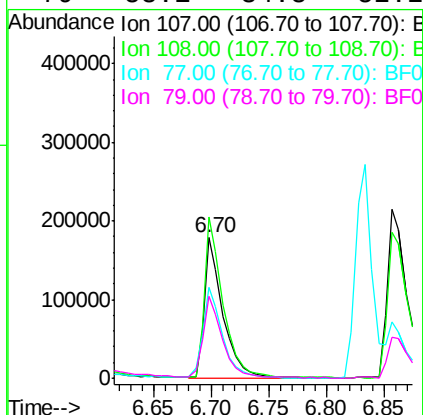
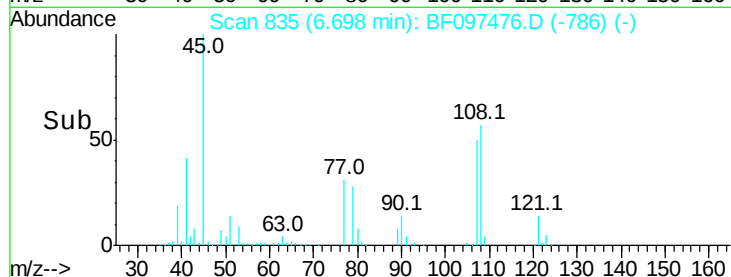
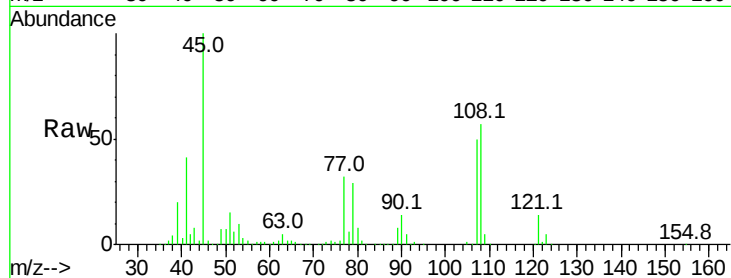
Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	200173
Ion	Ratio	Lower	Upper
107	100		
108	115.3	93.4	140.0
77	64.9	35.8	53.6#
79	58.1	34.8	52.2#



#18

Hexachloroethane

Concen: 40.565 ng

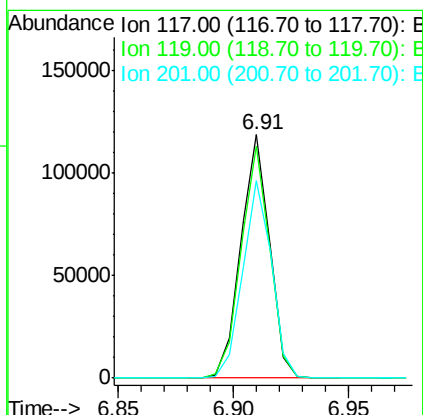
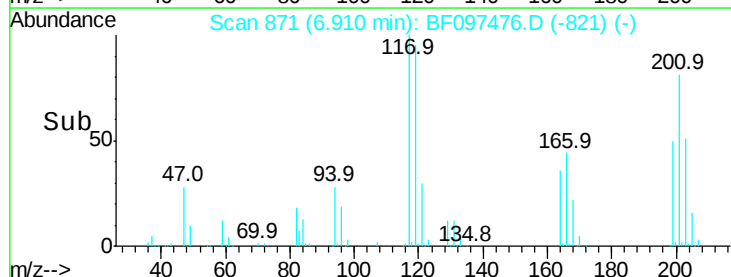
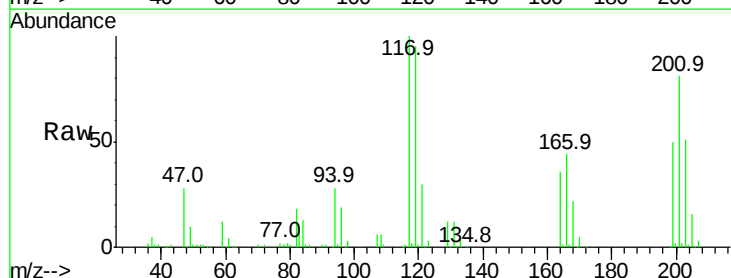
RT: 6.91 min Scan# 871

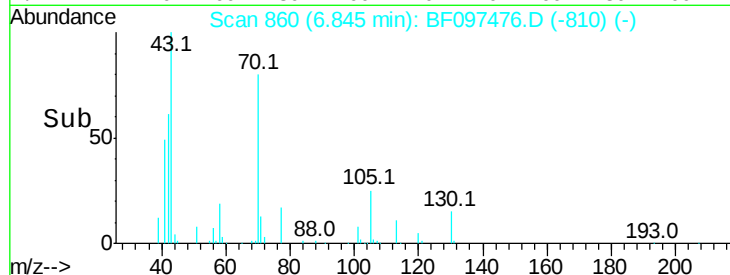
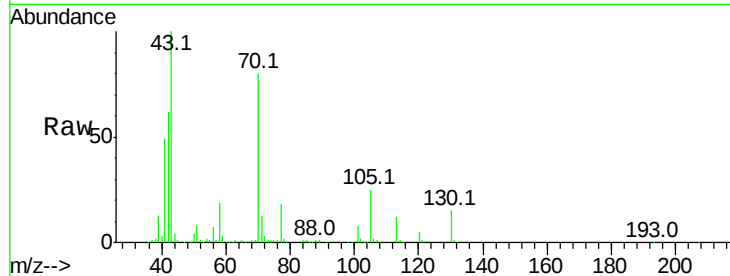
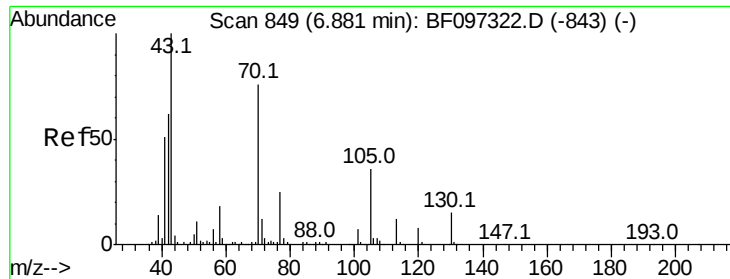
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	117	Resp:	103120
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
201	81.0	94.6	141.8#

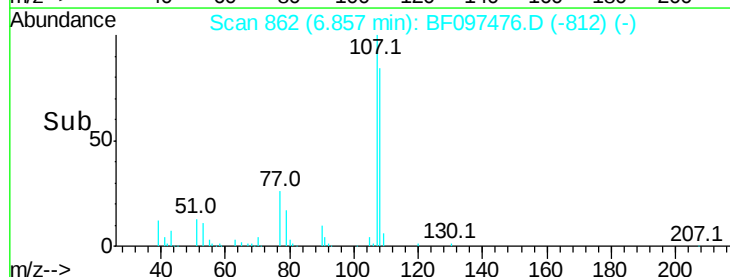
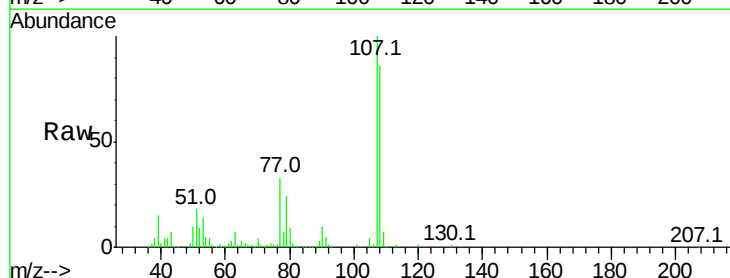
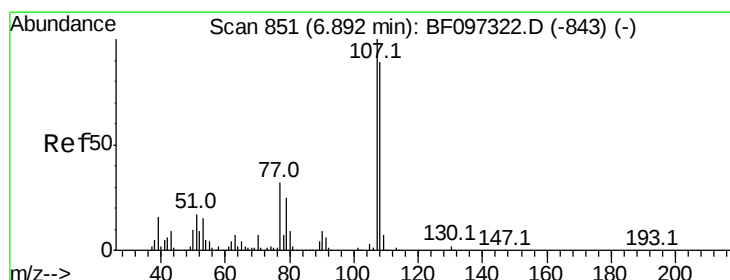
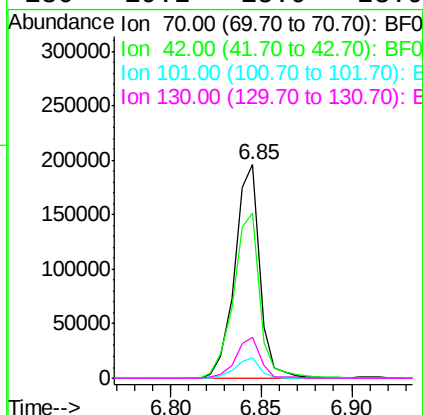




#19
n-Nitroso-di-n-propylamine
Concen: 41.380 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

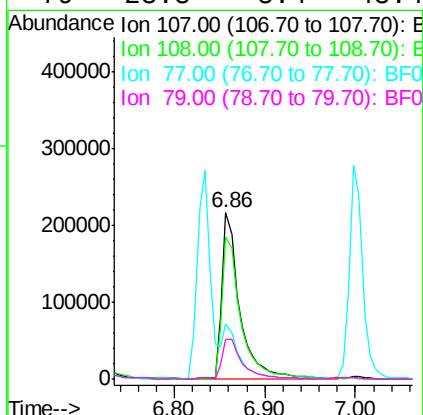
Instrument :
BNA_F
ClientSampleId :

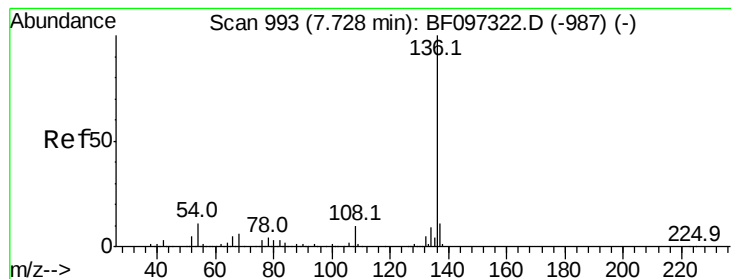
Tot Ion: 70 Resp: 189205
Ion Ratio Lower Upper
70 100
42 77.3 47.2 70.8#
101 9.8 7.2 10.8
130 19.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 43.839 ng
RT: 6.86 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion:107 Resp: 287513
Ion Ratio Lower Upper
107 100
108 85.9 71.0 111.0
77 32.9 90.5 130.5#
79 23.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

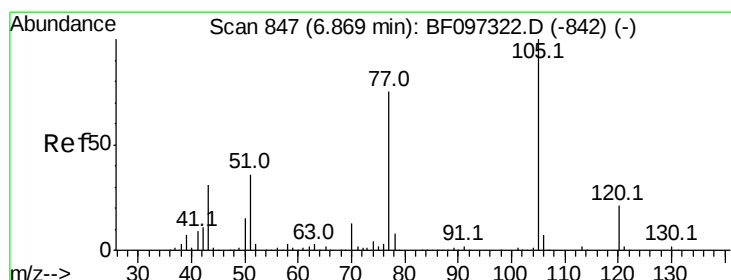
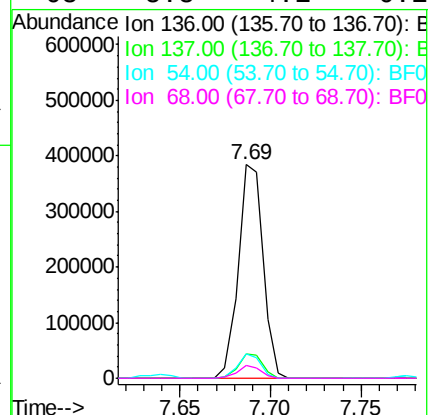
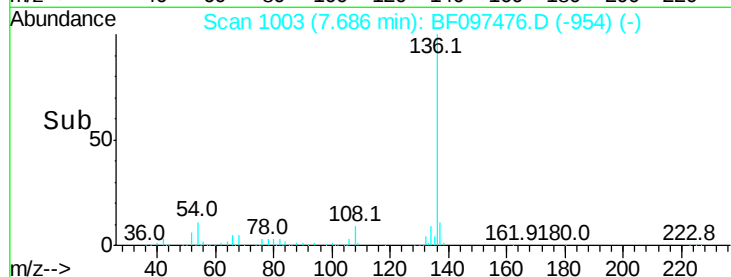
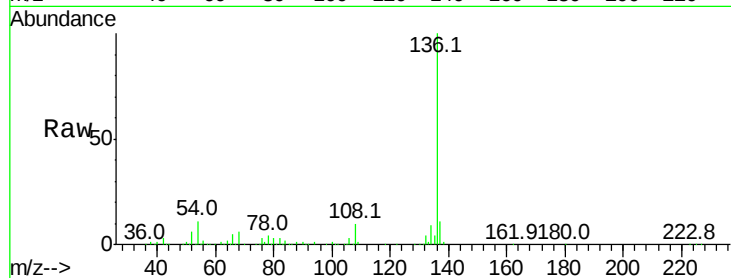
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 365650

Ion Ratio Lower Upper

136	100		
137	11.2	8.5	12.7
54	11.4	4.9	7.3#
68	5.8	4.1	6.1



#22

Acetophenone

Concen: 41.162 ng

RT: 6.83 min Scan# 858

Delta R.T. -0.01 min

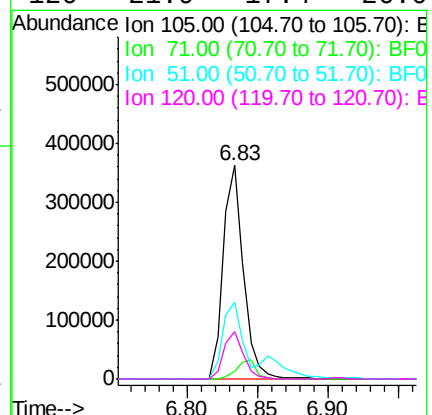
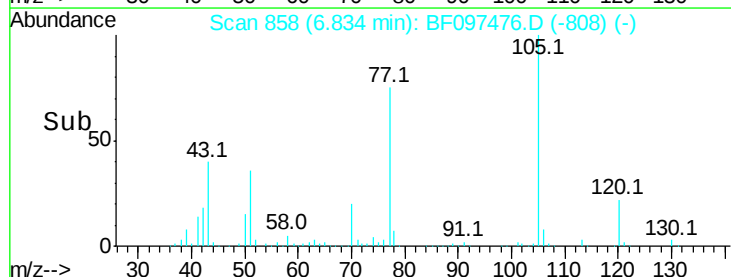
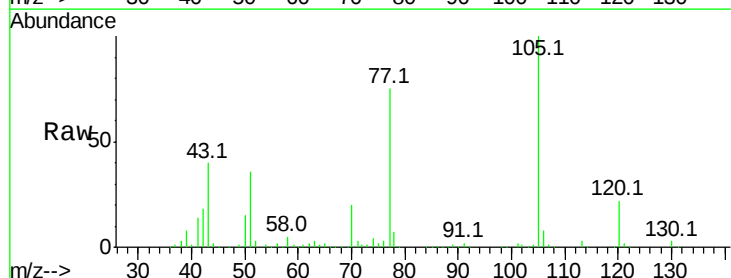
Lab File: BF097476.D

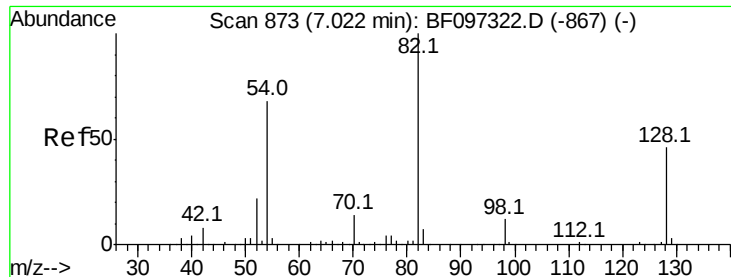
Acq: 8 Aug 2017 18:50

Tgt Ion:105 Resp: 361439

Ion Ratio Lower Upper

105	100		
71	3.4	2.8	4.2
51	36.3	30.7	46.1
120	21.9	17.4	26.0

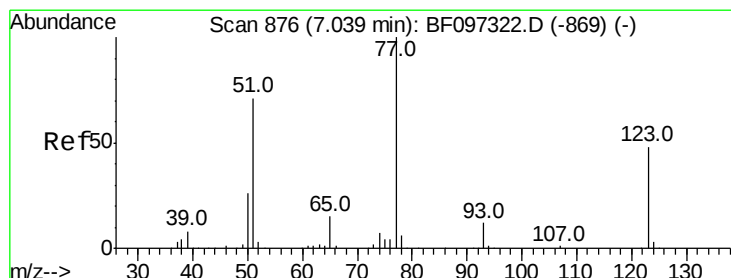
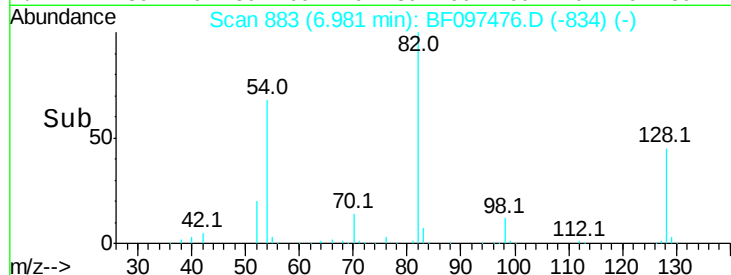
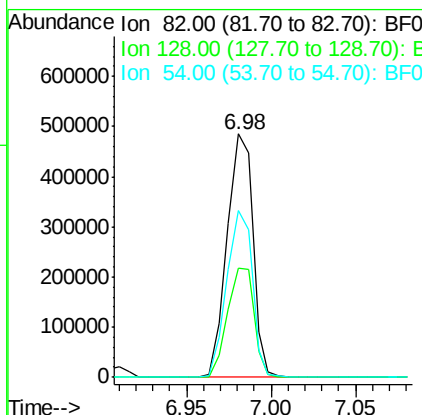
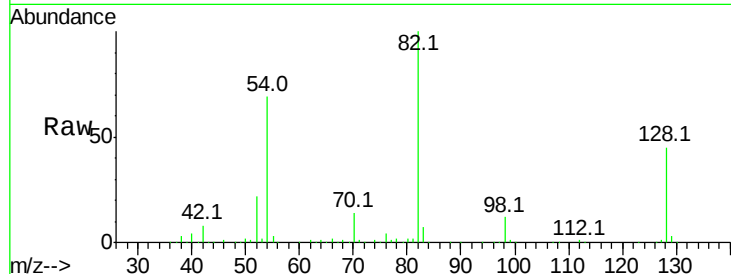




#23
 Nitrobenzene-d5
 Concen: 82.865 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

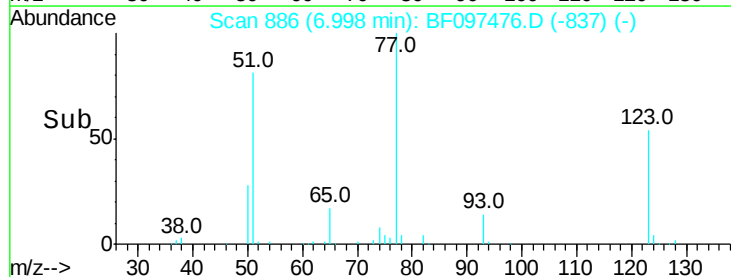
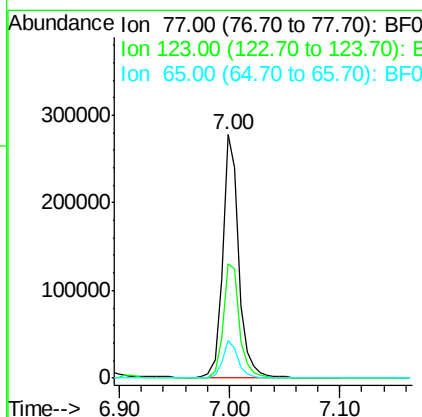
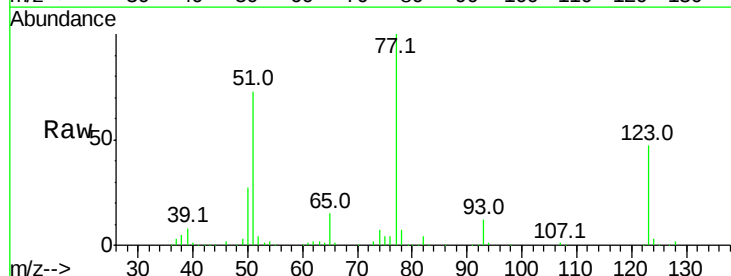
Instrument :
 BNA_F
 ClientSampleId :

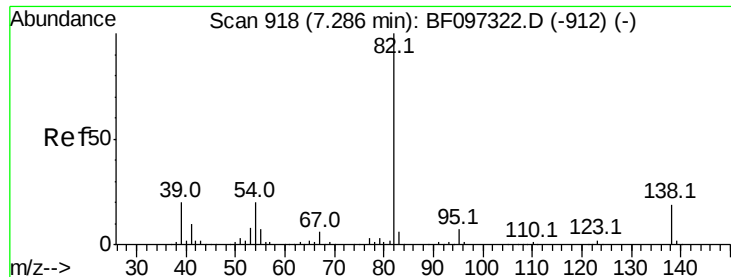
Tot Ion: 82 Resp: 516494
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.0 51.0
 54 68.7 42.2 63.2#



#24
 Nitrobenzene
 Concen: 43.292 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion: 77 Resp: 281028
 Ion Ratio Lower Upper
 77 100
 123 47.2 35.8 53.8
 65 15.4 10.6 15.8





#25

Isophorone

Concen: 39.428 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

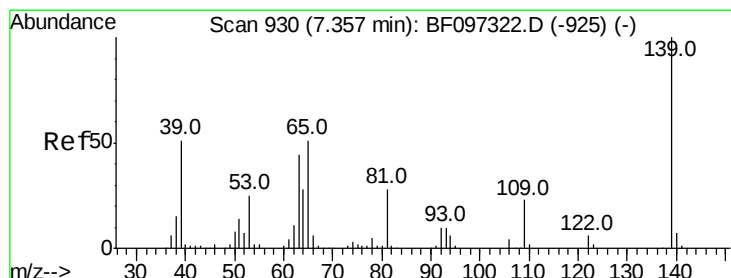
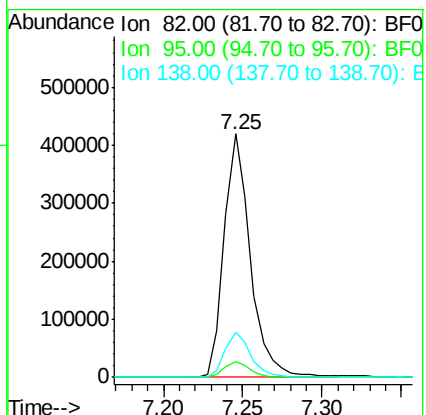
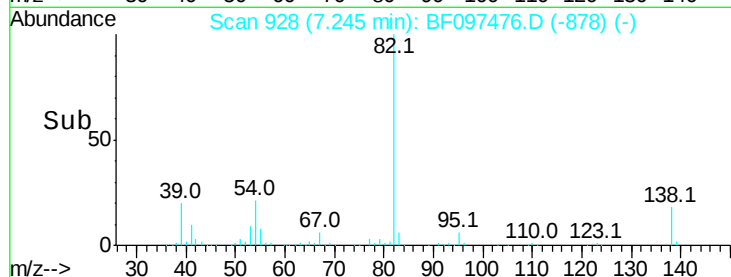
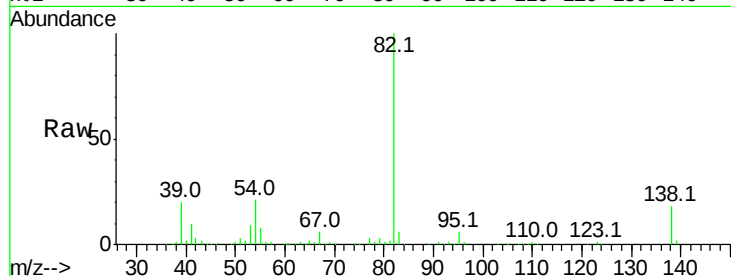
Tot Ion: 82 Resp: 481273

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 41.666 ng

RT: 7.32 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

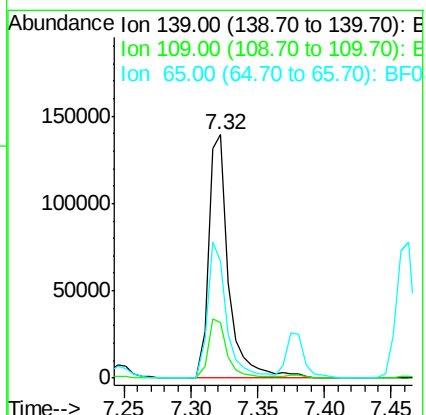
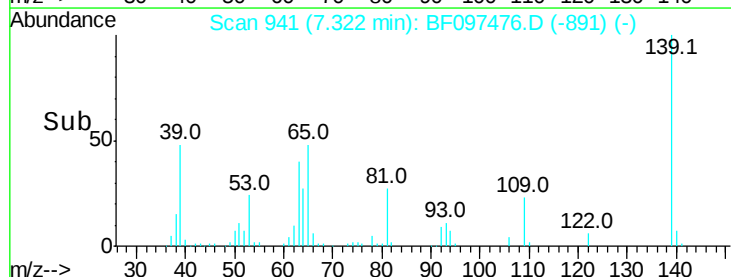
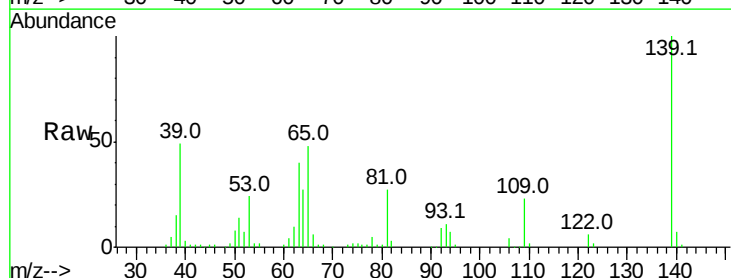
Tgt Ion:139 Resp: 146332

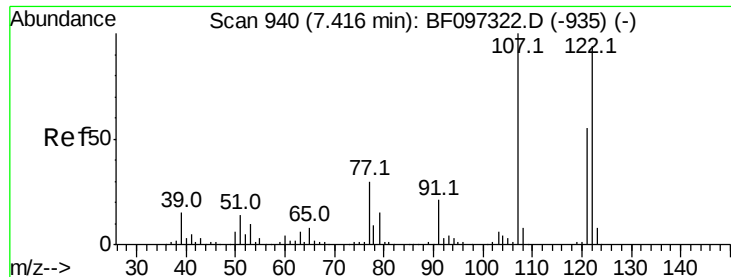
Ion Ratio Lower Upper

139 100

109 22.9 21.0 31.6

65 48.2 33.0 49.6

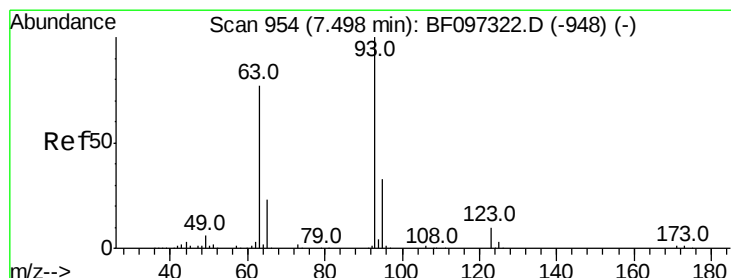
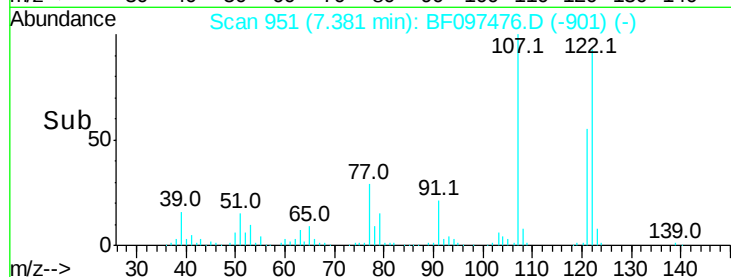
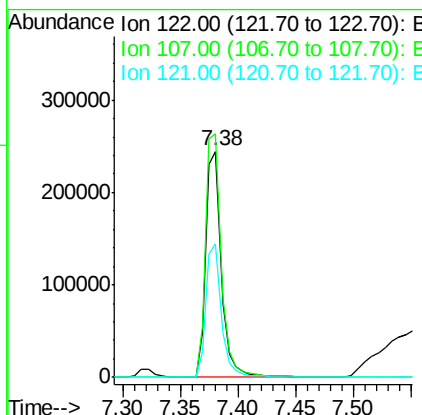
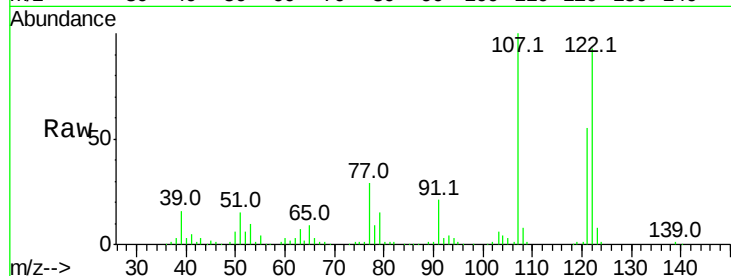




#27
 2,4-Dimethylphenol
 Concen: 40.523 ng
 RT: 7.38 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

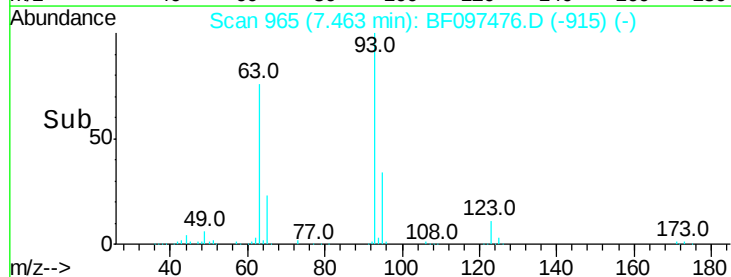
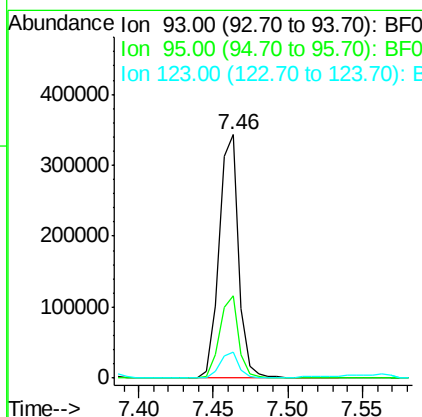
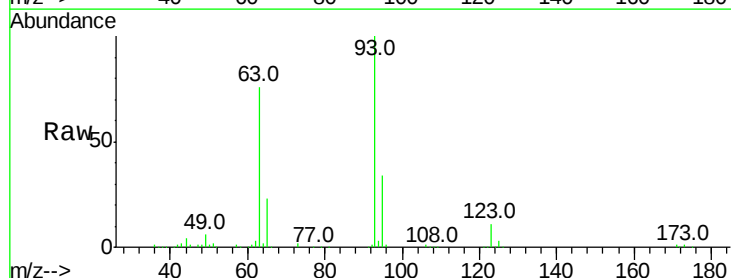
Instrument :
 BNA_F
 ClientSampleId :

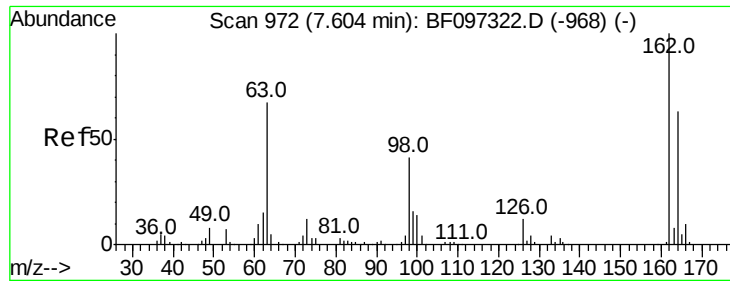
Tot Ion:122 Resp: 234764
 Ion Ratio Lower Upper
 122 100
 107 107.6 89.2 133.8
 121 59.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.605 ng
 RT: 7.46 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion: 93 Resp: 315483
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.5 39.7
 123 10.9 9.0 13.4

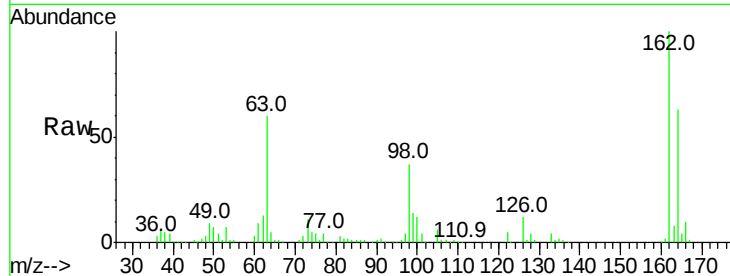




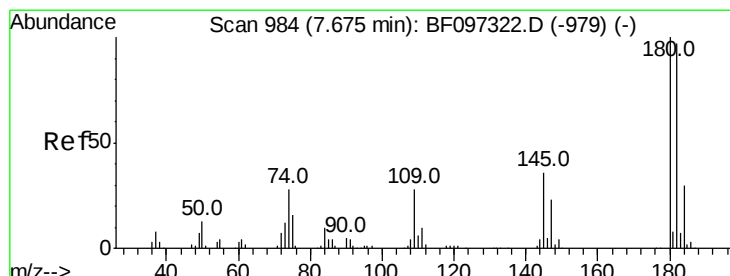
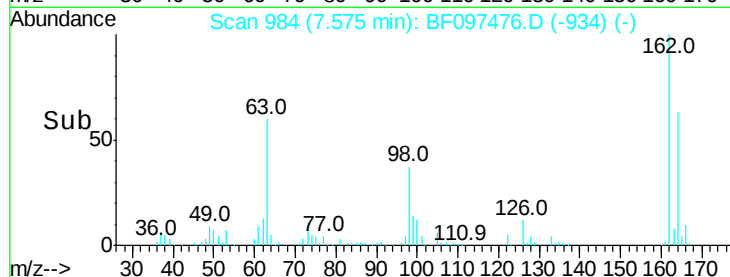
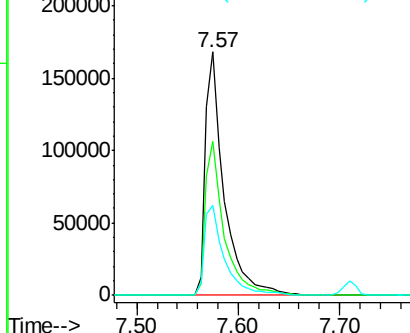
#29
 2,4-Dichlorophenol
 Concen: 42.810 ng
 RT: 7.57 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 213658
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.6 84.6
 98 36.9 14.8 54.8

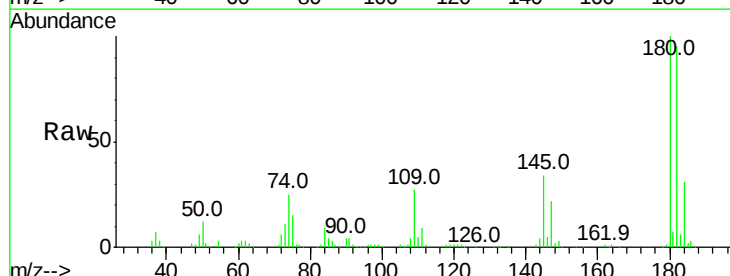


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

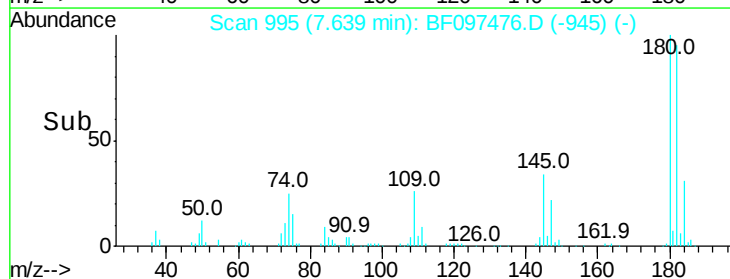
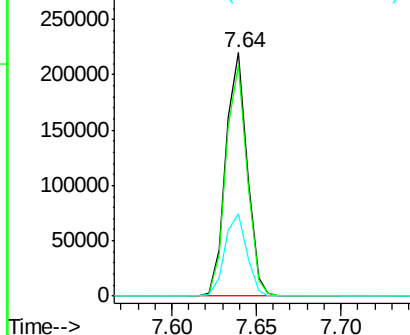


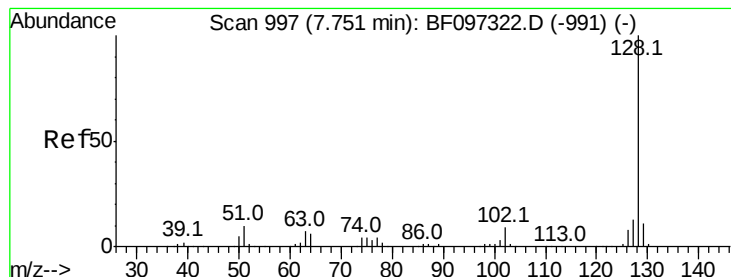
#30
 1,2,4-Trichlorobenzene
 Concen: 40.635 ng
 RT: 7.64 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:180 Resp: 193309
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.8 113.6
 145 33.9 25.3 37.9



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





#31

Naphthalene

Concen: 40.828 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

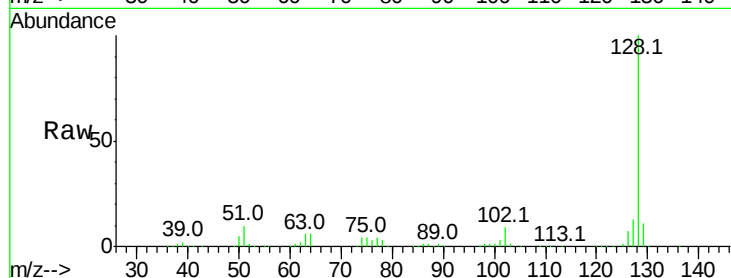
Tot Ion:128 Resp: 703727

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

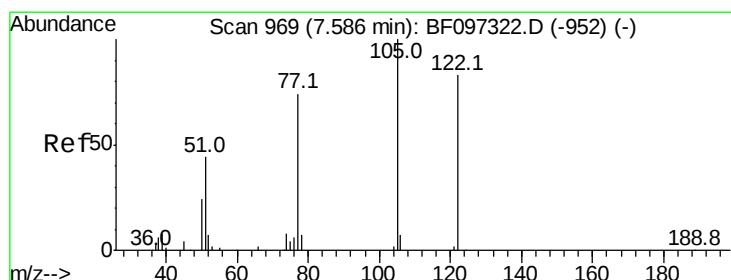
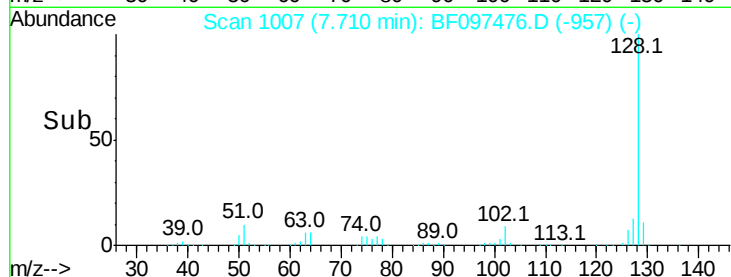
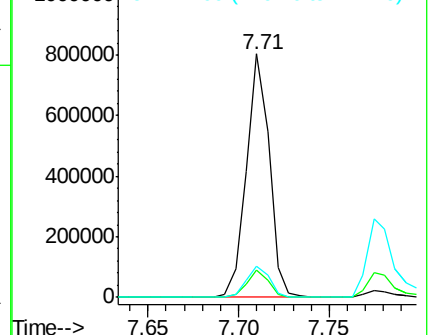
127 13.0 10.8 16.2



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: 41.144 ng

RT: 7.56 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

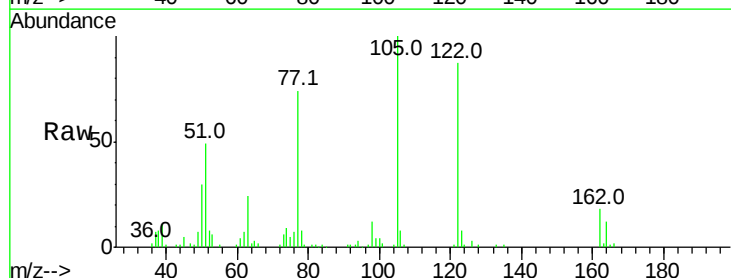
Tgt Ion:122 Resp: 177992

Ion Ratio Lower Upper

122 100

105 115.1 103.3 143.3

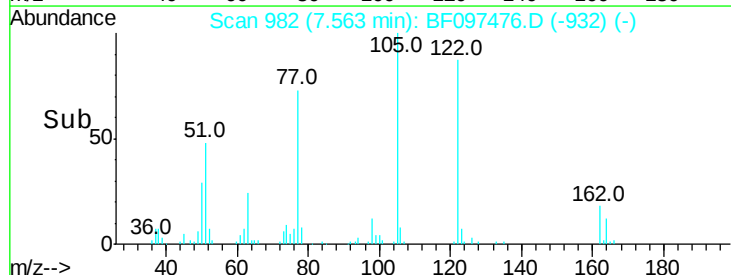
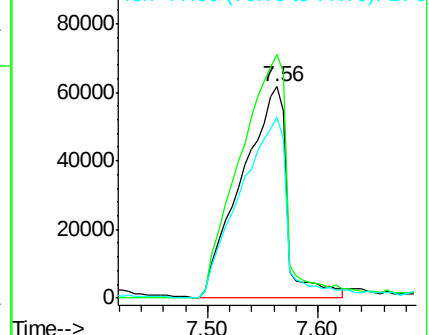
77 85.3 73.7 113.7

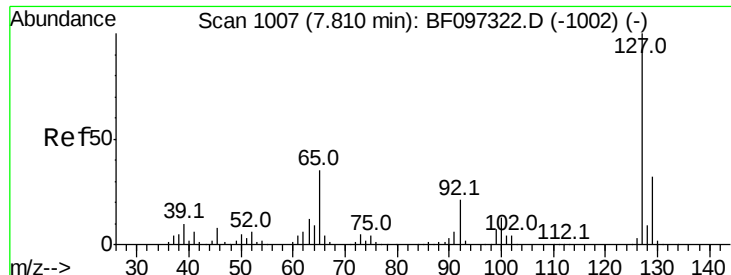


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

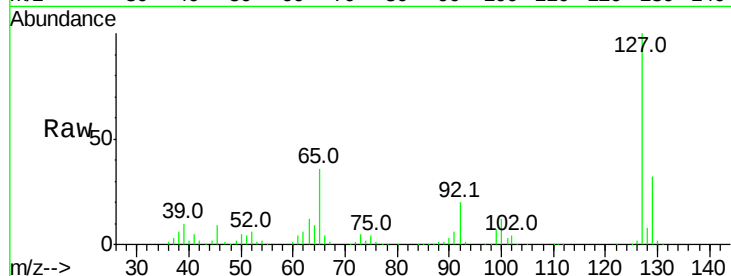




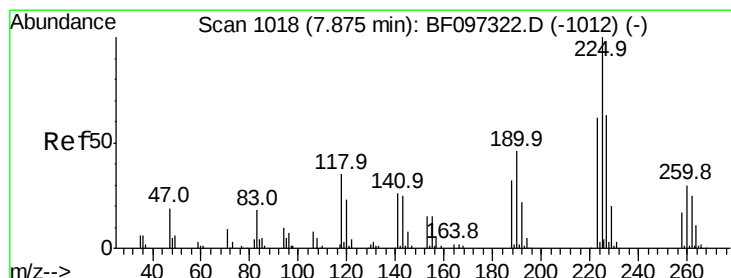
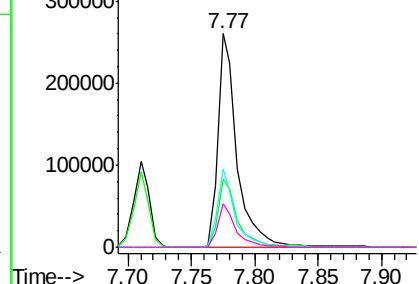
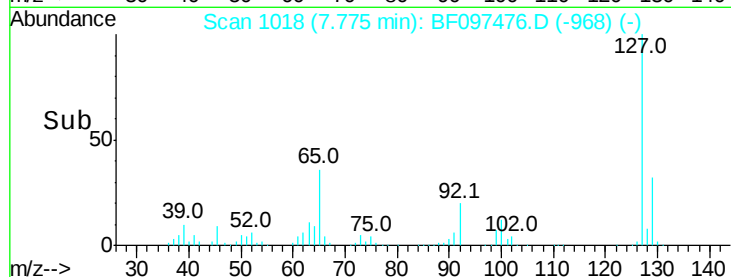
#33
4-Chloroaniline
Concen: 39.271 ng
RT: 7.77 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	275423
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	36.3	27.8	41.8
92	20.5	16.8	25.2

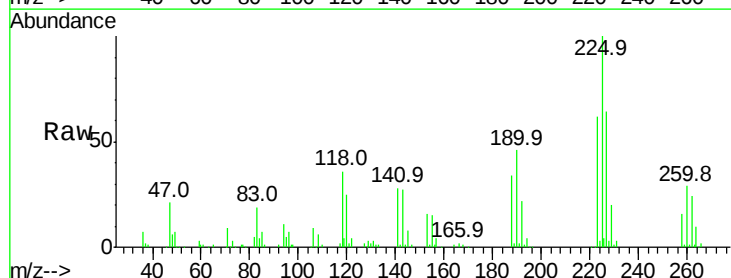


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

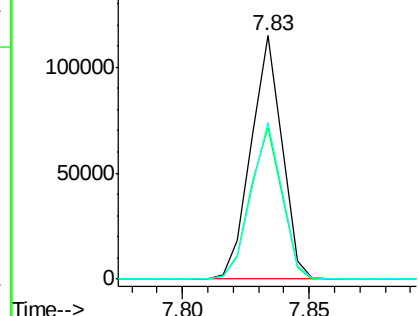
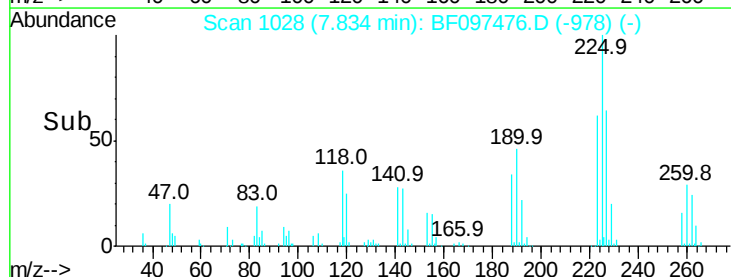


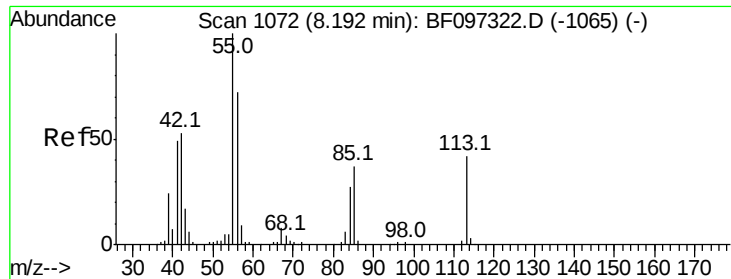
#34
Hexachlorobutadiene
Concen: 38.809 ng
RT: 7.83 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion:	225	Resp:	97877
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.8	73.2
227	64.1	51.1	76.7



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

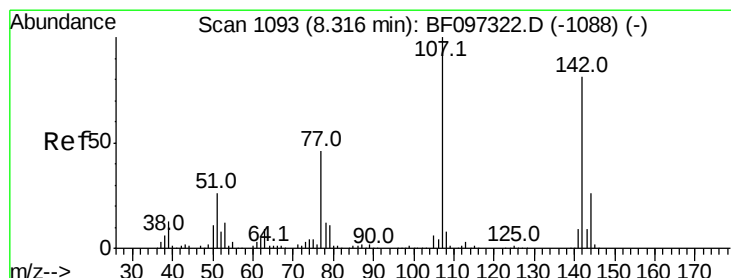
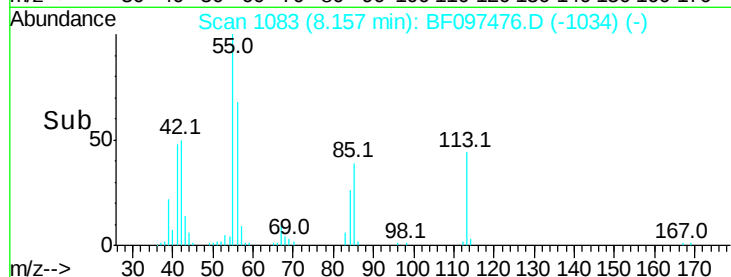
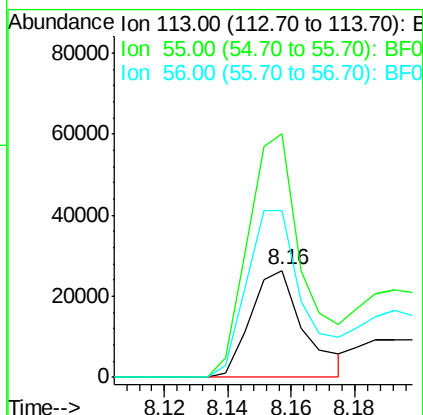
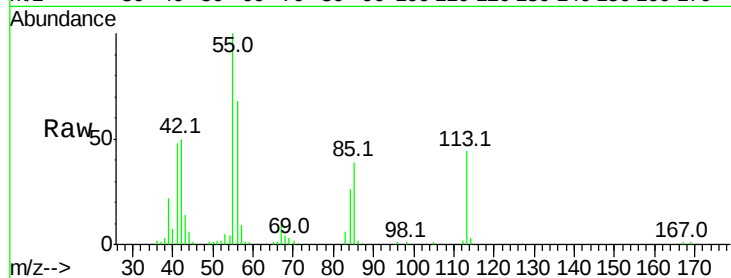




#35
 Caprolactam
 Concen: 19.276 ng
 RT: 8.16 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

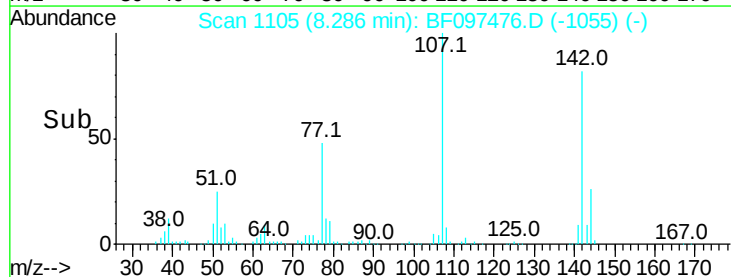
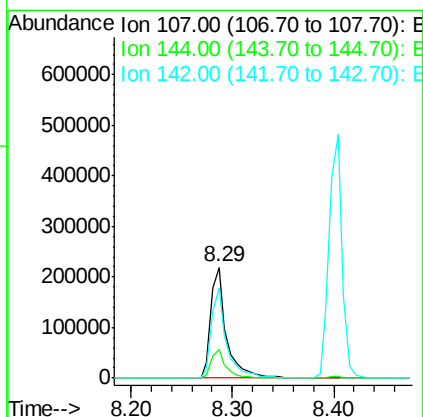
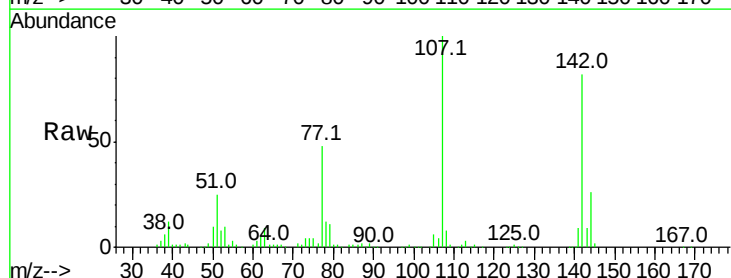
Instrument :
 BNA_F
 ClientSampleId :

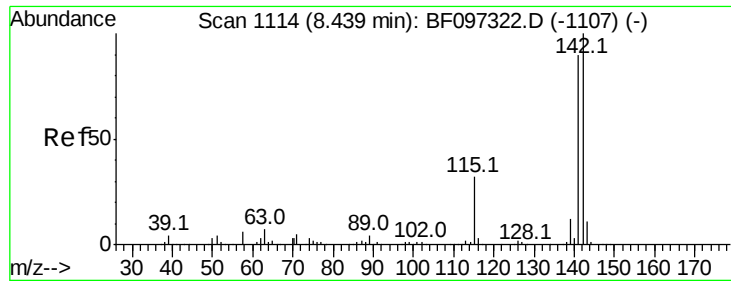
Tot Ion:113 Resp: 30849
 Ion Ratio Lower Upper
 113 100
 55 228.1 150.2 190.2#
 56 155.9 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.819 ng
 RT: 8.29 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:107 Resp: 233145
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 81.6 73.4 110.0





#37

2-Methylnaphthalene

Concen: 39.148 ng

RT: 8.40 min Scan# 1125

Delta R.T. -0.01 min

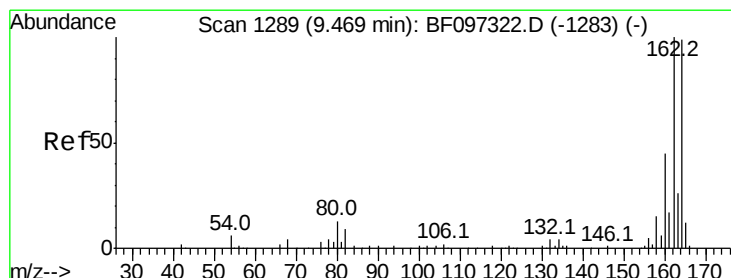
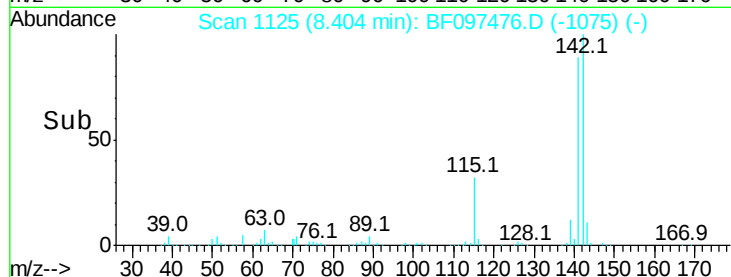
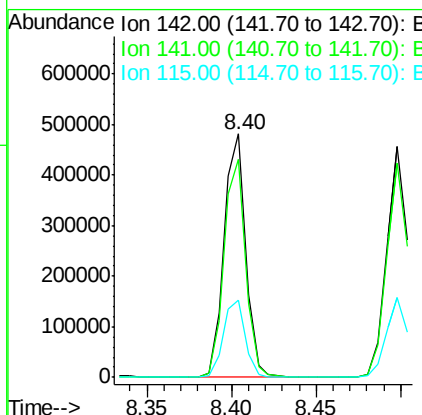
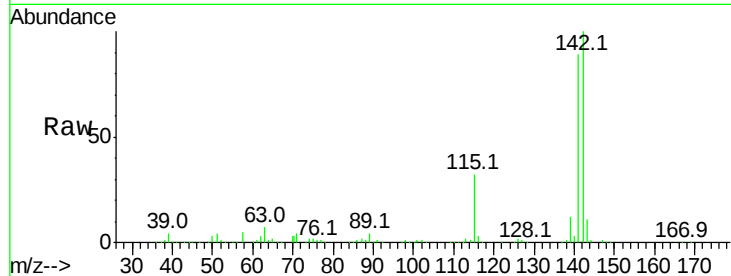
Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 427231

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	31.6	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.43 min Scan# 1300

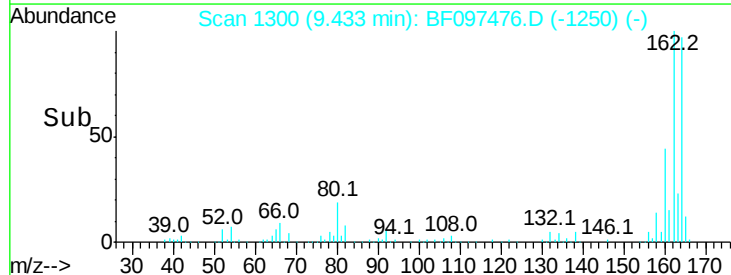
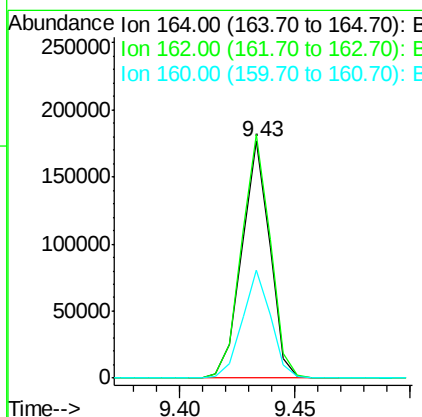
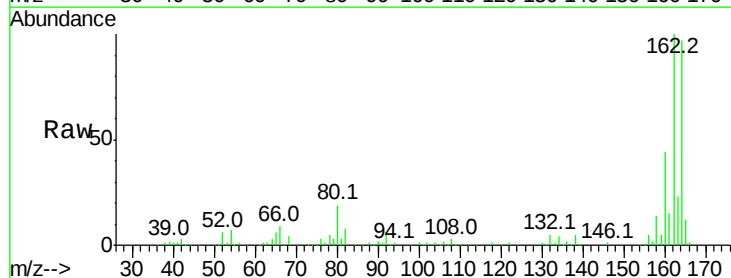
Delta R.T. -0.01 min

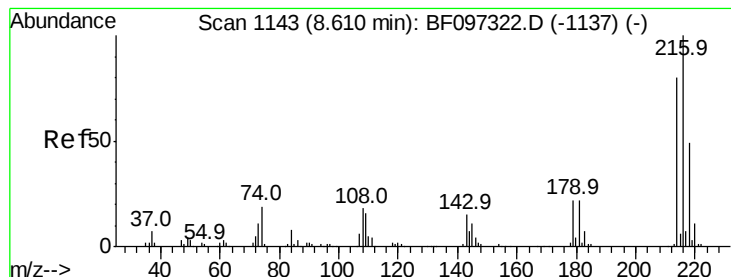
Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:164 Resp: 149901

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.7	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.925 ng

RT: 8.57 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 171688

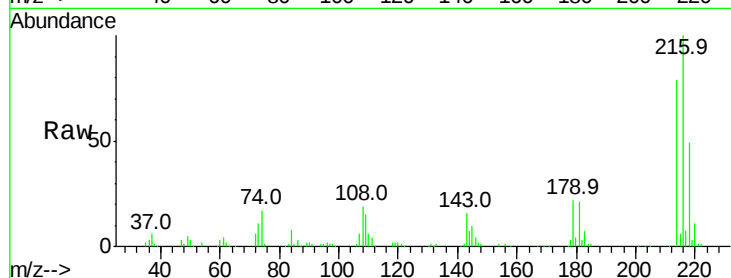
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.3 17.9 26.9

108 21.4 16.5 24.7

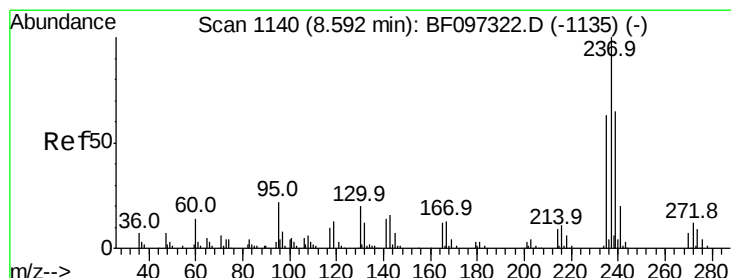
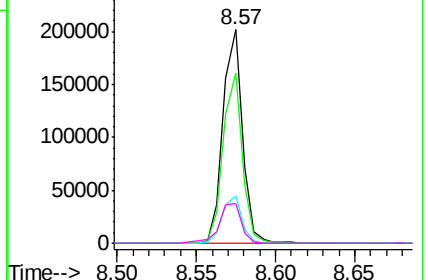
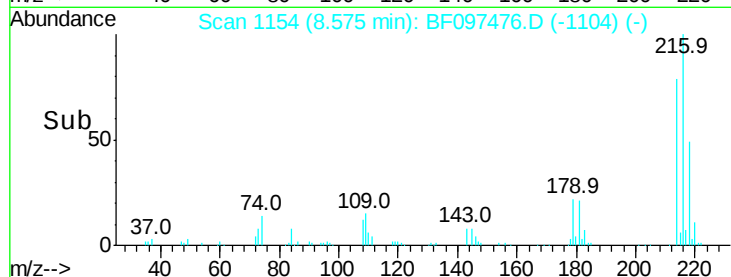


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.432 ng

RT: 8.56 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

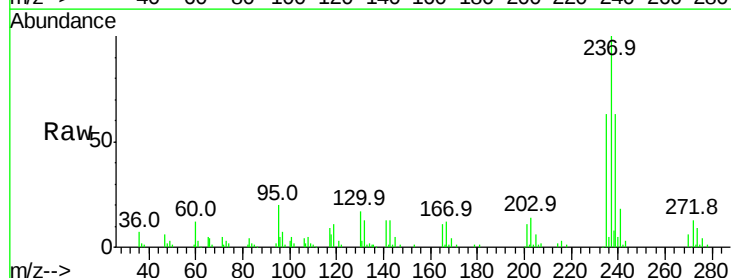
Tgt Ion:237 Resp: 63775

Ion Ratio Lower Upper

237 100

235 63.1 42.6 82.6

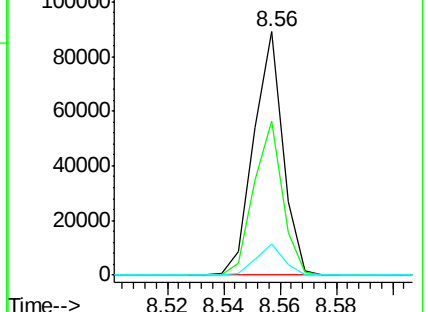
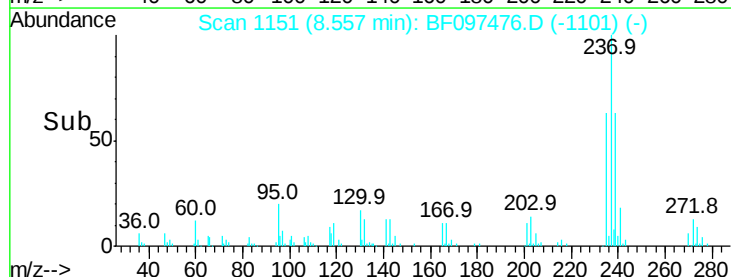
272 12.6 0.0 31.9

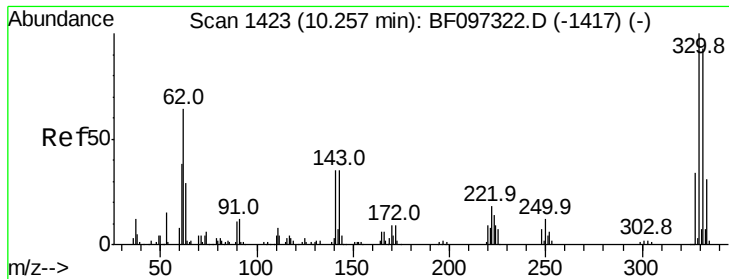


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

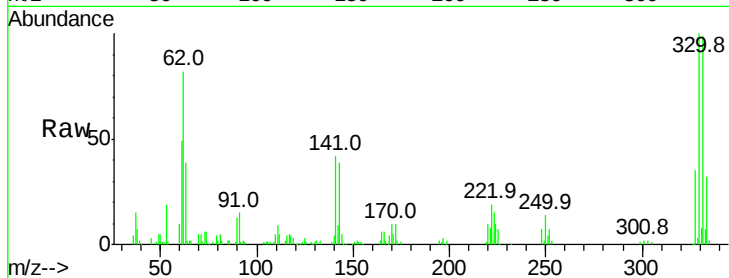




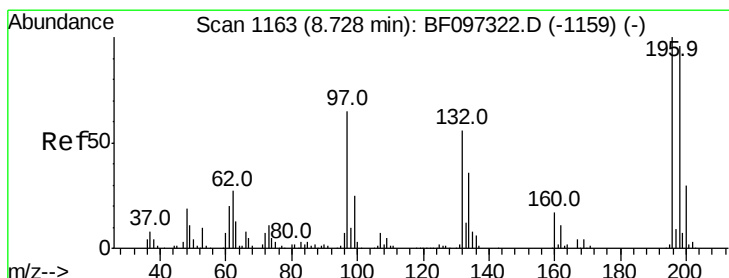
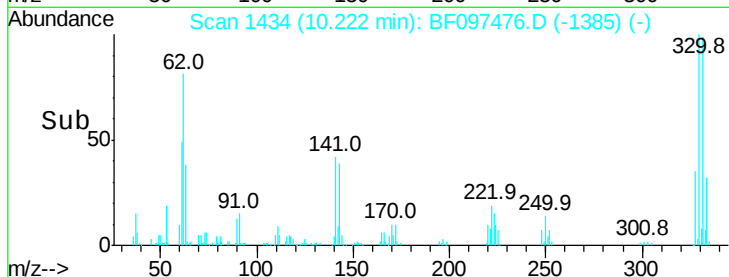
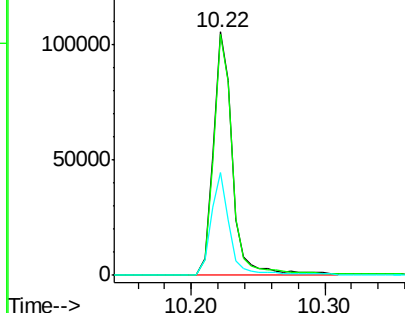
#41
 2,4,6-Tribromophenol
 Concen: 90.015 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 106610
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.6 115.0
 141 40.0 31.4 47.2

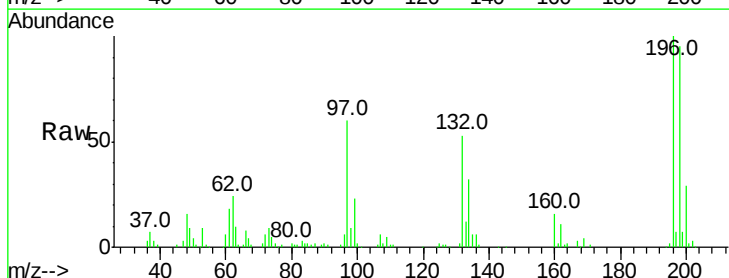


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

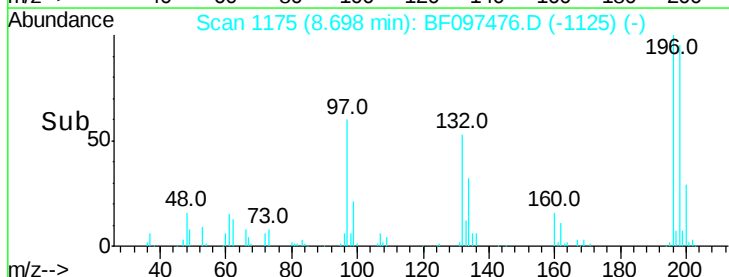
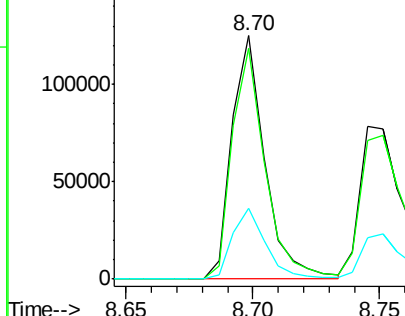


#42
 2,4,6-Trichlorophenol
 Concen: 39.097 ng
 RT: 8.70 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:196 Resp: 113324
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.2 111.4
 200 29.0 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

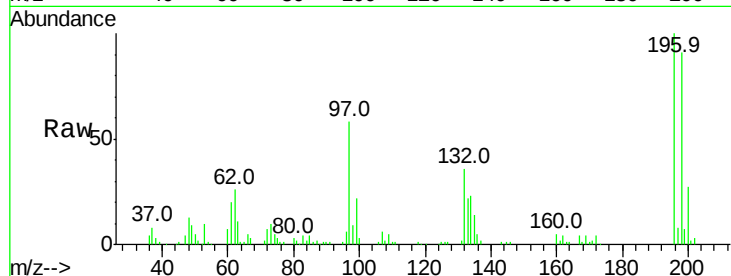




#43
 2,4,5-Trichlorophenol
 Concen: 38.620 ng
 RT: 8.75 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112043		
198	90.9	75.7	113.5	
97	57.7	47.7	71.5	
132	36.5	28.0	42.0	



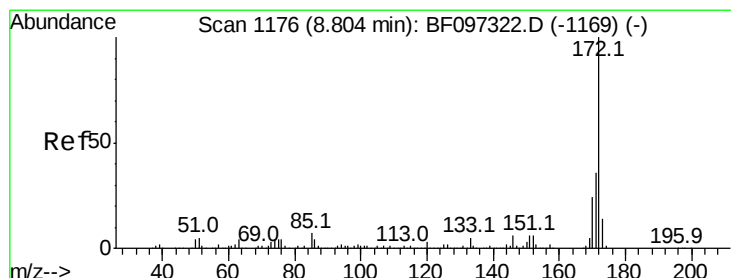
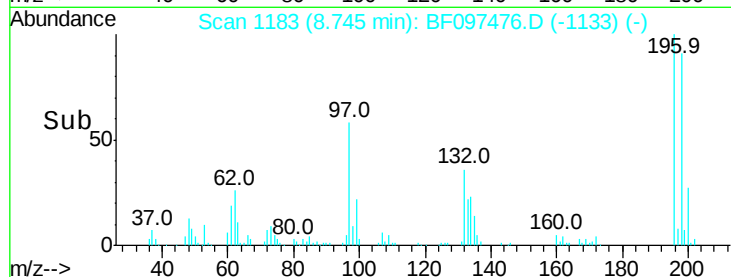
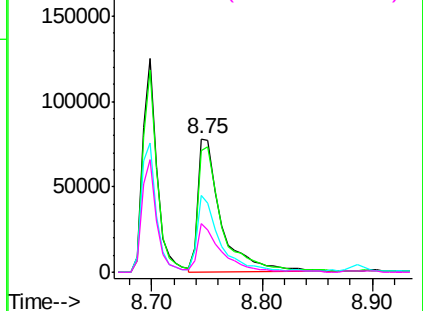
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

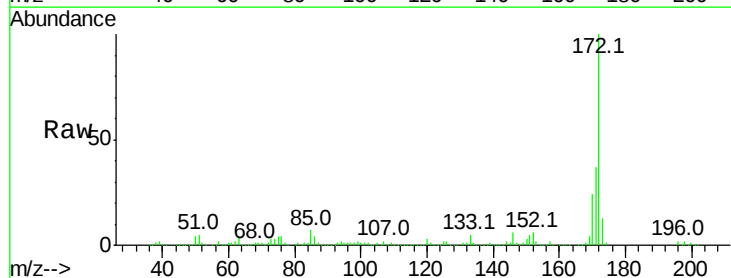
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.756 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	739795		
171	36.8	29.6	44.4	
170	23.8	19.8	29.8	

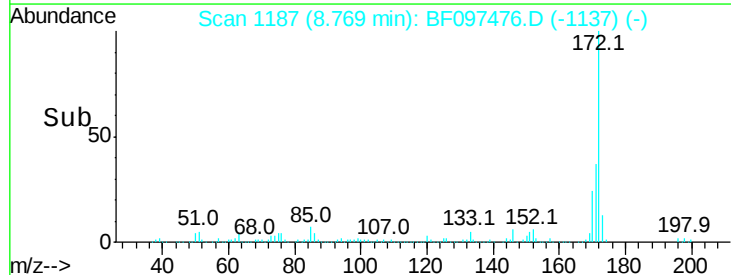
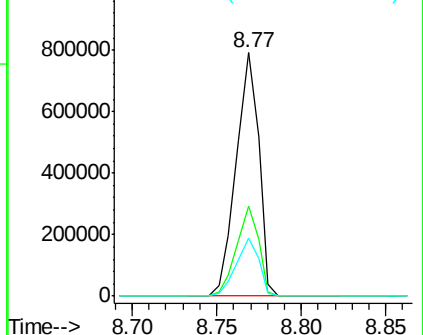


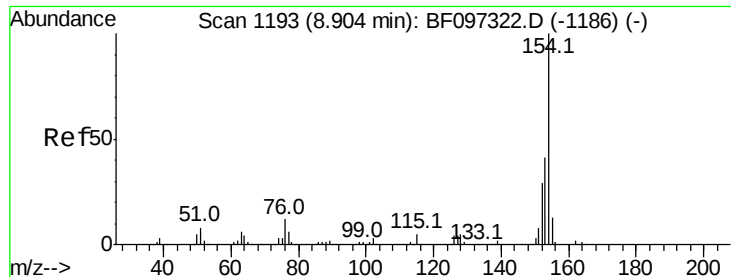
Abundance

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

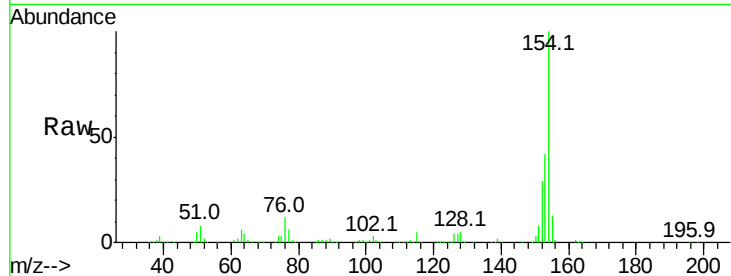




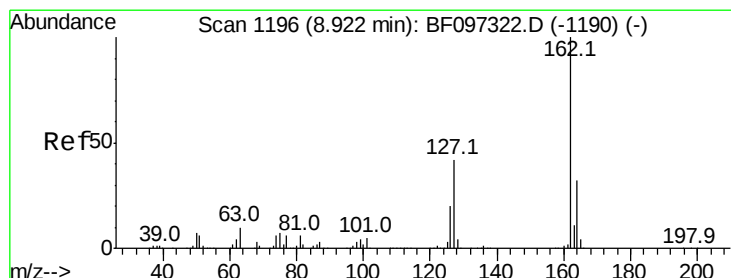
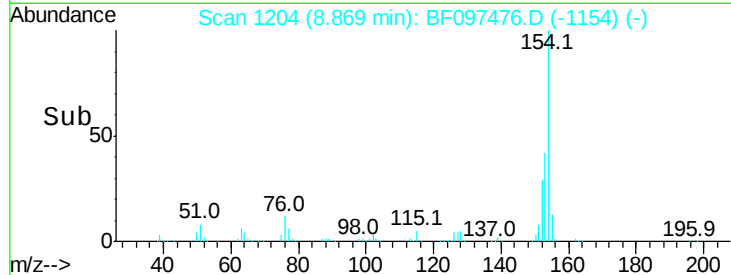
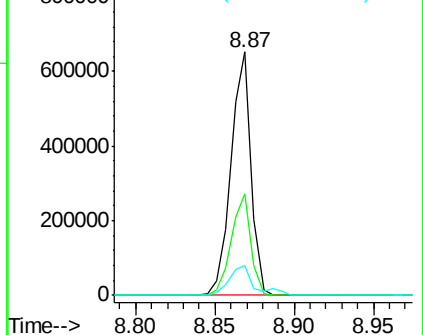
#45
 1,1'-Biphenyl
 Concen: 44.537 ng
 RT: 8.87 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.2	61.2
76	12.3	0.0	29.9

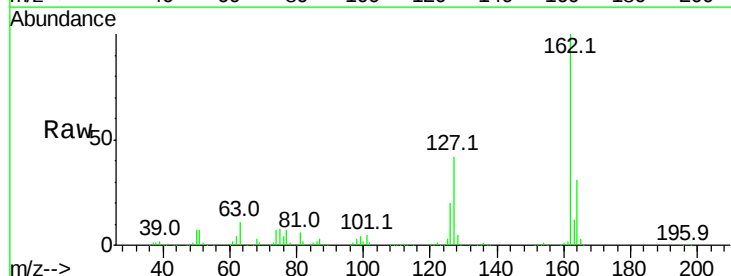


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

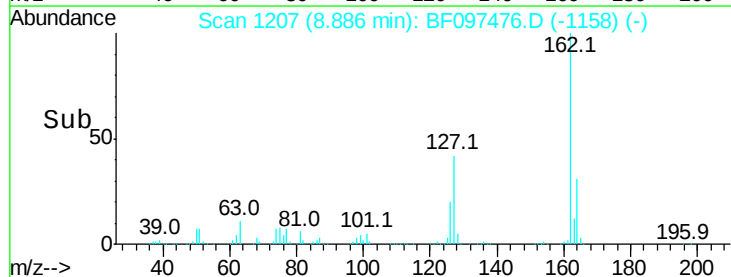
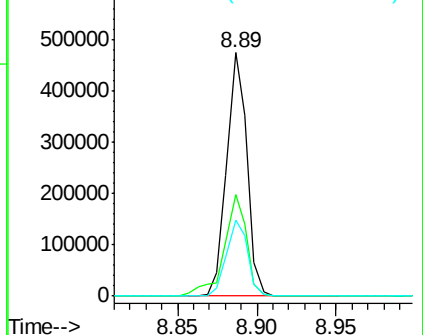


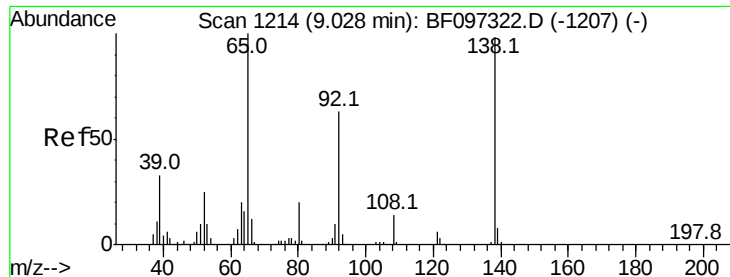
#46
 2-Chloronaphthalene
 Concen: 44.705 ng
 RT: 8.89 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	28.3	42.5
164	31.3	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.850 ng

RT: 9.00 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

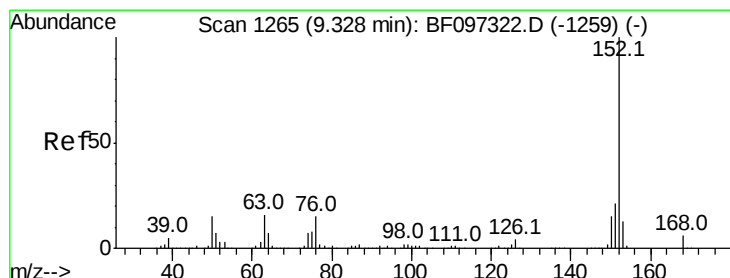
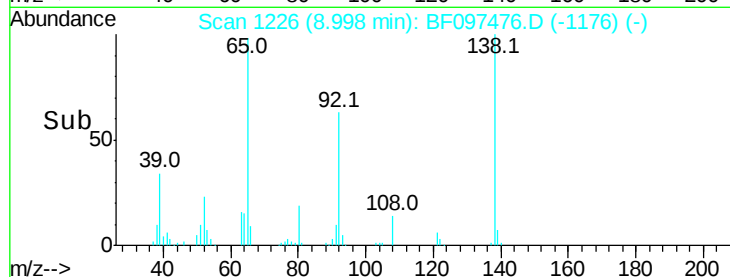
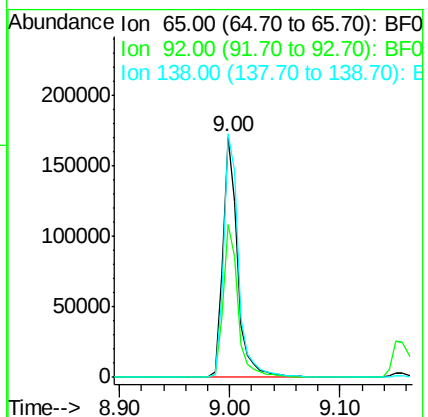
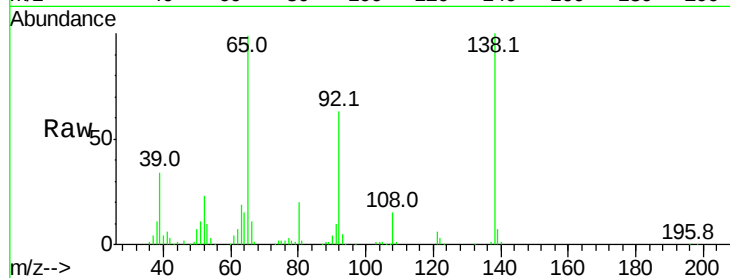
Tot Ion: 65 Resp: 160198

Ion Ratio Lower Upper

65 100

92 63.7 53.9 80.9

138 101.3 78.8 118.2



#48

Acenaphthylene

Concen: 42.880 ng

RT: 9.29 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

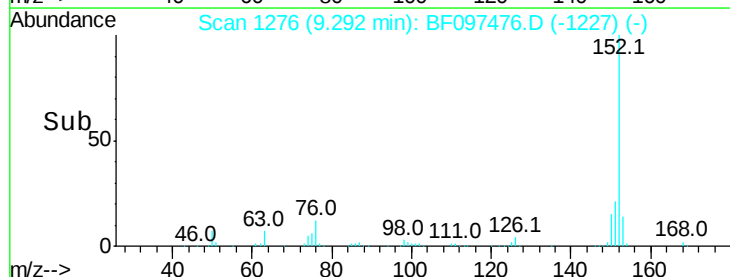
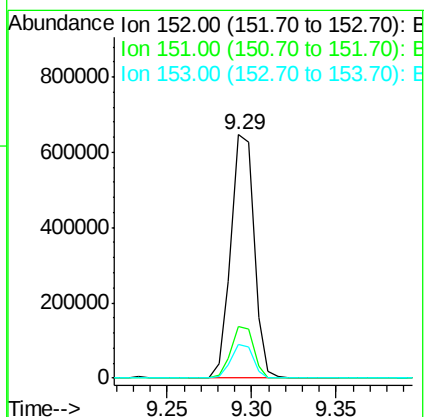
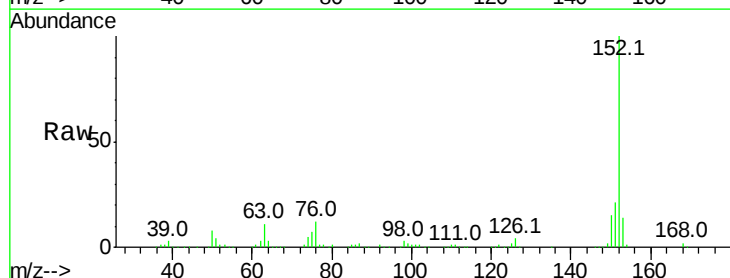
Tgt Ion: 152 Resp: 620136

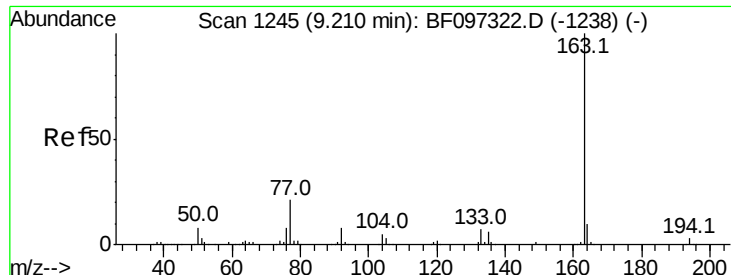
Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 14.1 10.8 16.2

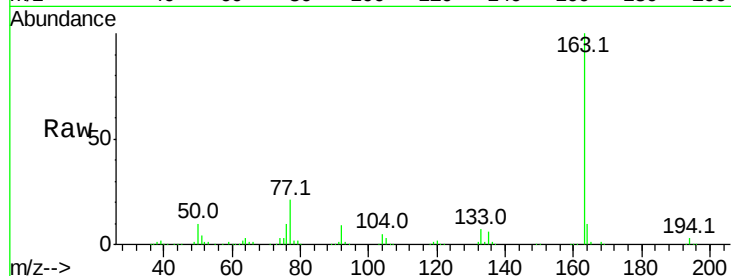




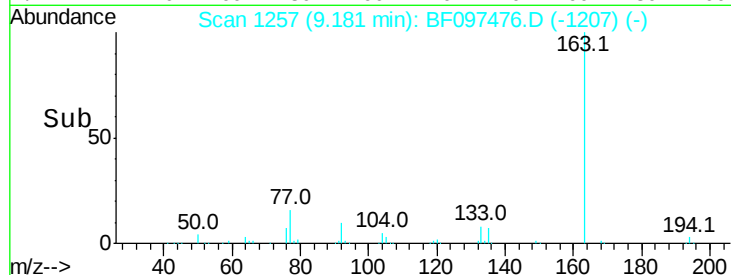
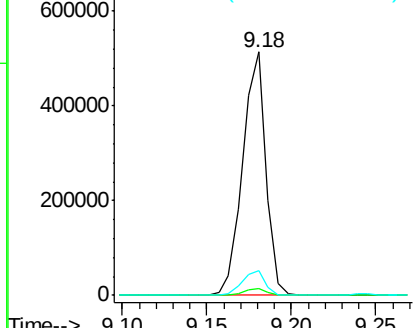
#49
Dimethylphthalate
Concen: 43.316 ng
RT: 9.18 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 493081
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.4 12.6

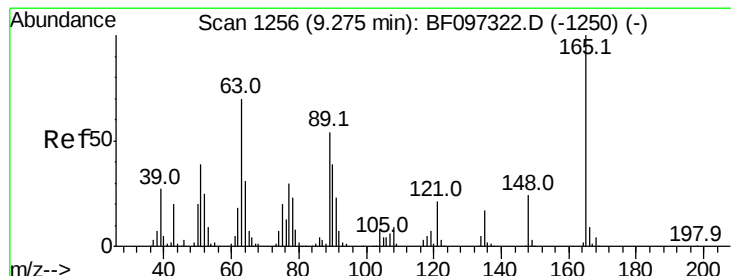


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

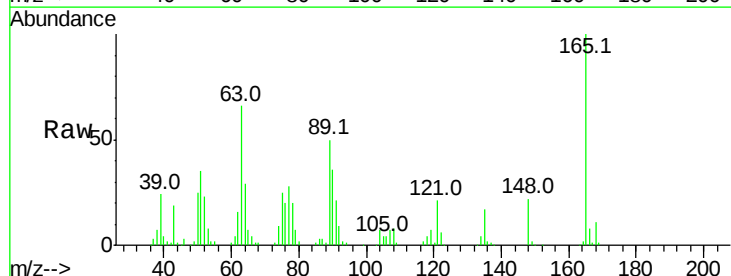
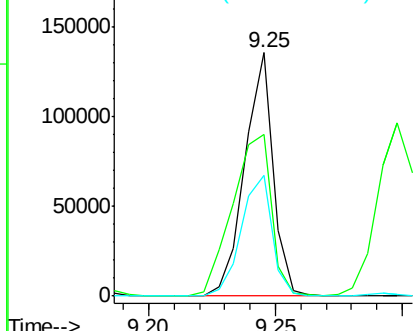


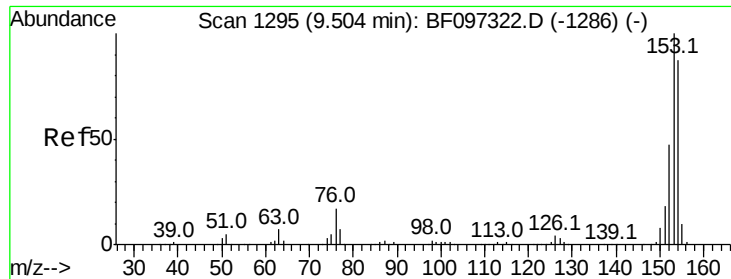
#50
2,6-Dinitrotoluene
Concen: 43.722 ng
RT: 9.25 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion:165 Resp: 105559
Ion Ratio Lower Upper
165 100
63 66.3 34.3 51.5#
89 49.8 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: 44.611 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

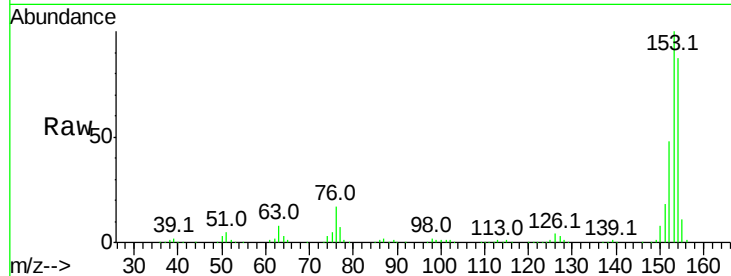
Tot Ion:154 Resp: 380029

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

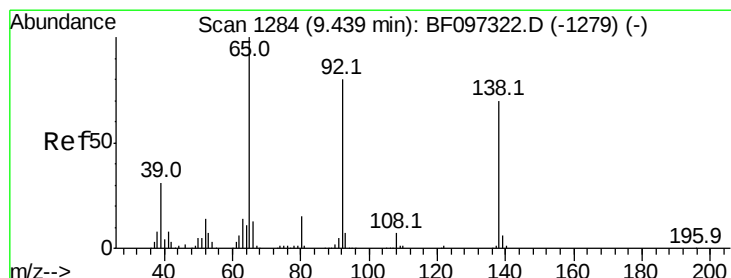
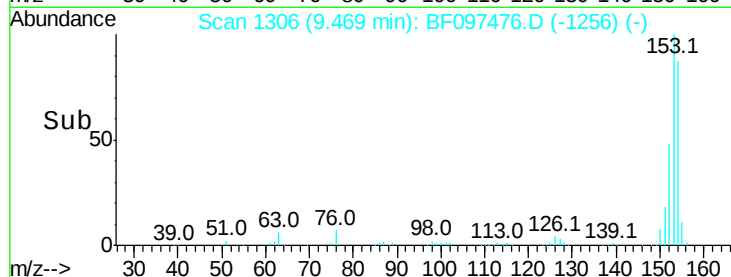
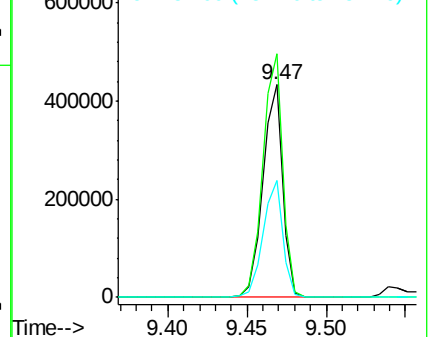
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.745 ng

RT: 9.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

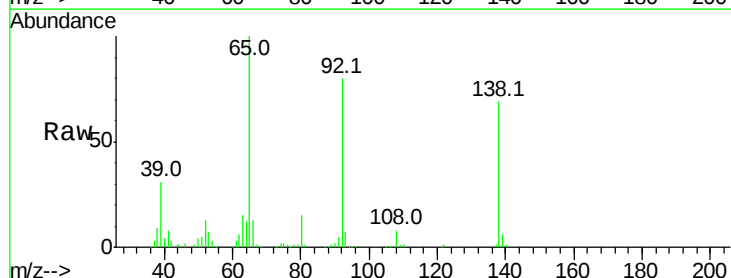
Tgt Ion:138 Resp: 125100

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

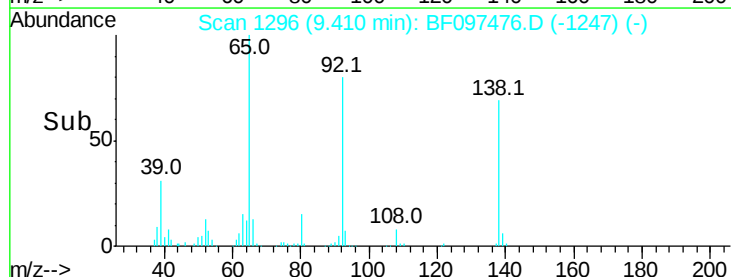
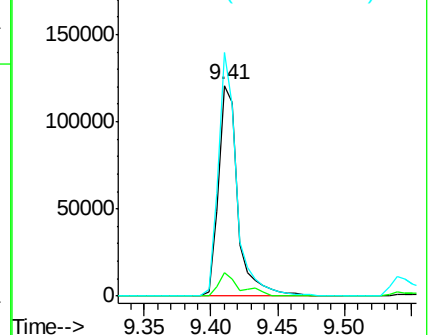
92 115.6 93.8 140.6

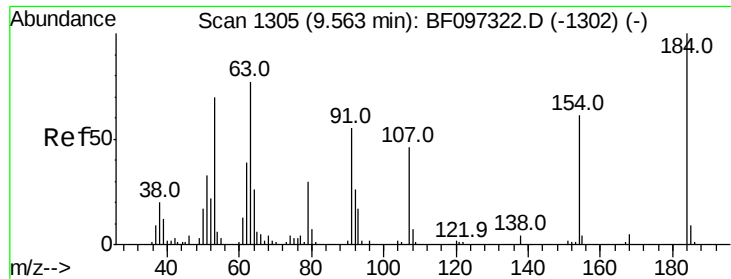


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

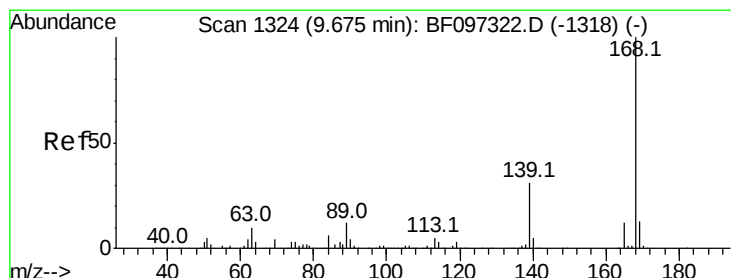
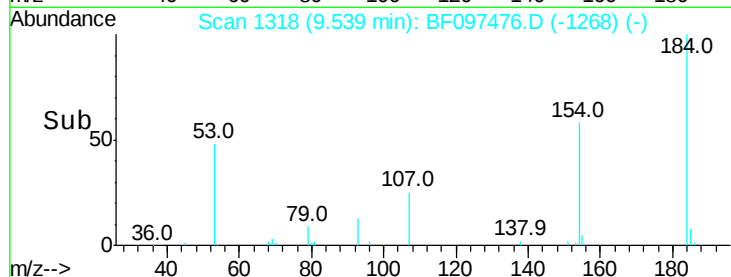
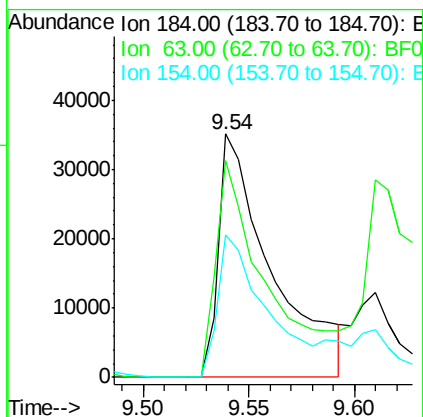
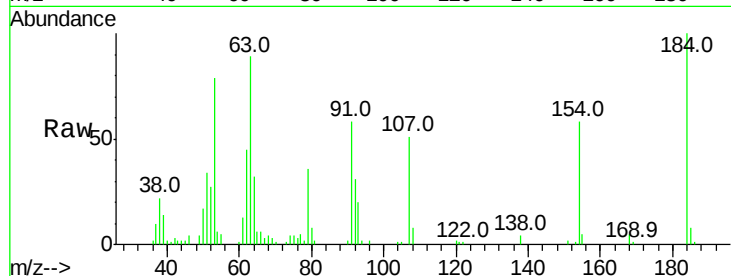




#53
 2,4-Dinitrophenol
 Concen: 55.649 ng
 RT: 9.54 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

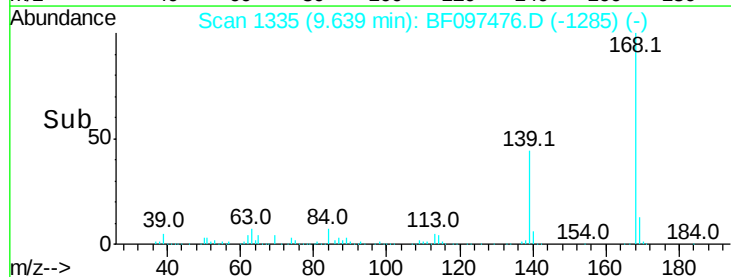
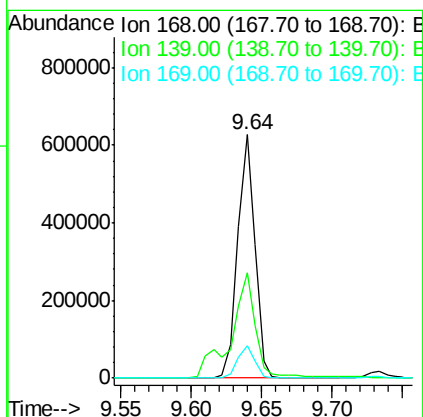
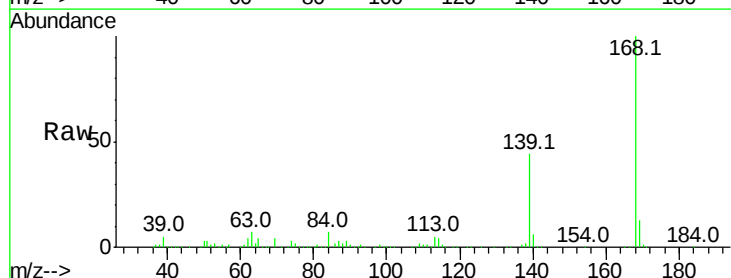
Instrument :
 BNA_F
 ClientSampled :

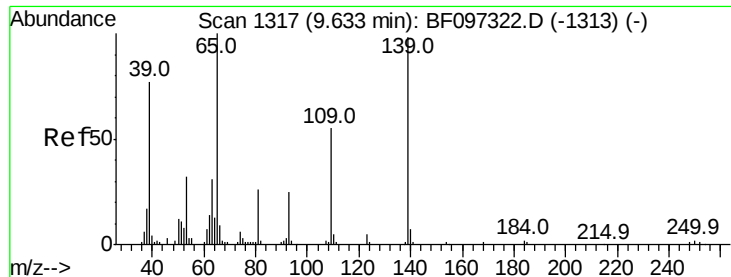
Tot Ion:184 Resp: 61088
 Ion Ratio Lower Upper
 184 100
 63 88.9 62.7 94.1
 154 58.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 46.908 ng
 RT: 9.64 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:168 Resp: 532253
 Ion Ratio Lower Upper
 168 100
 139 43.5 30.6 45.8
 169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 190.403 ng

RT: 9.64 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

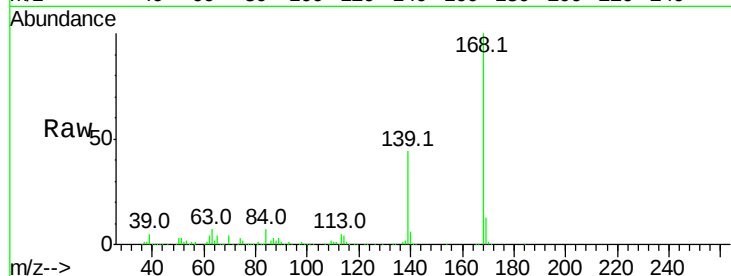
Tot Ion:139 Resp: 339321

Ion Ratio Lower Upper

139 100

109 5.0 34.1 74.1#

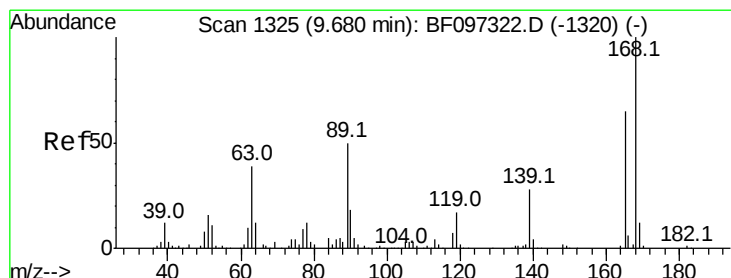
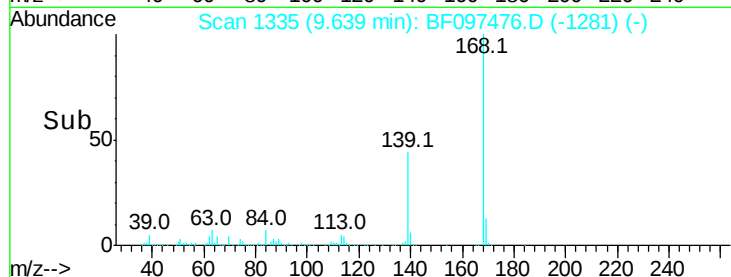
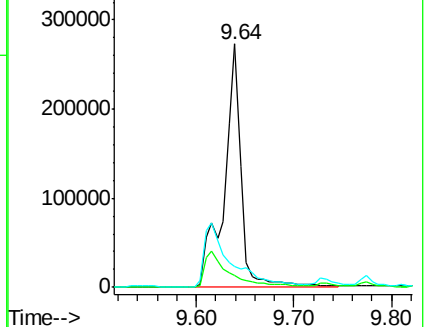
65 8.5 31.4 71.4#



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: 52.585 ng

RT: 9.65 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:165 Resp: 145948

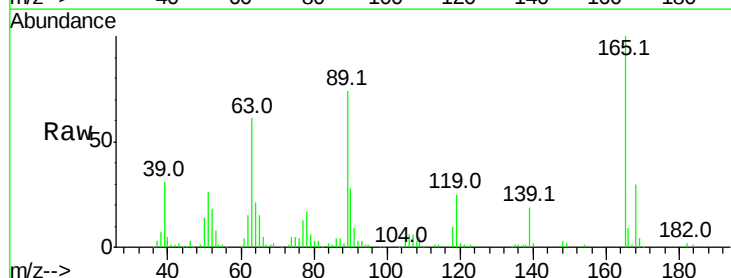
Ion Ratio Lower Upper

165 100

63 60.7 25.4 38.0#

89 73.8 46.4 69.6#

182 2.3 1.8 2.6

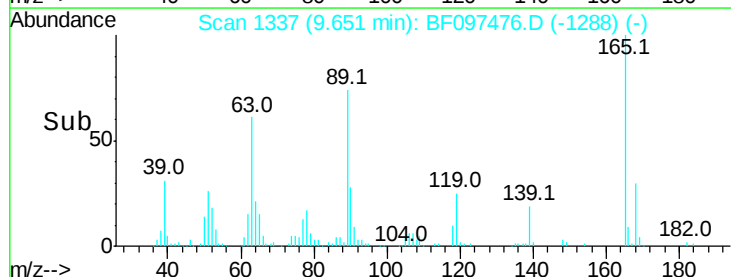
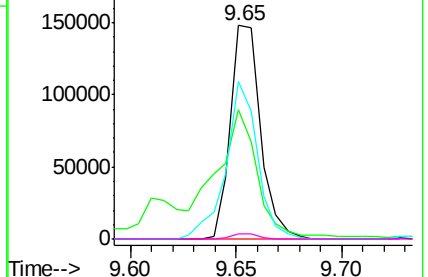


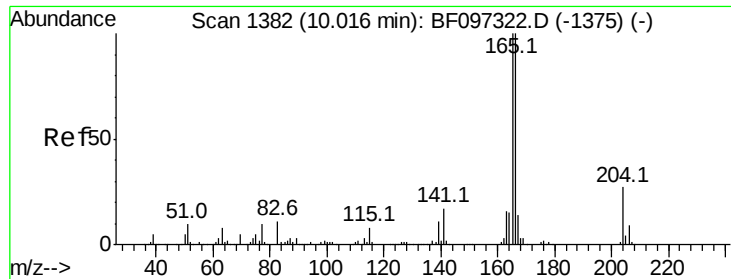
Abundance Ion 165.00 (164.70 to 165.70): E

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

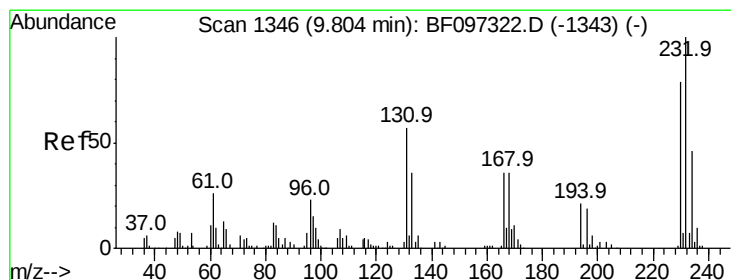
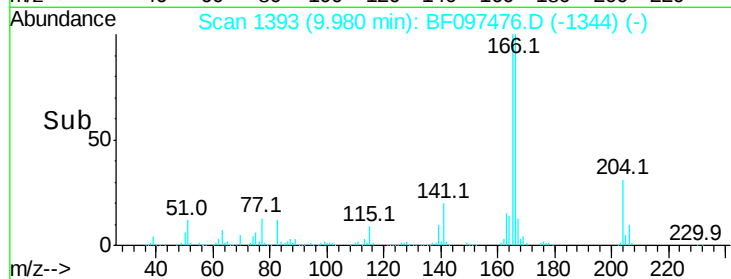
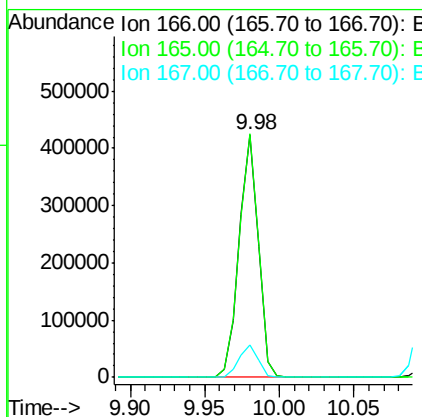
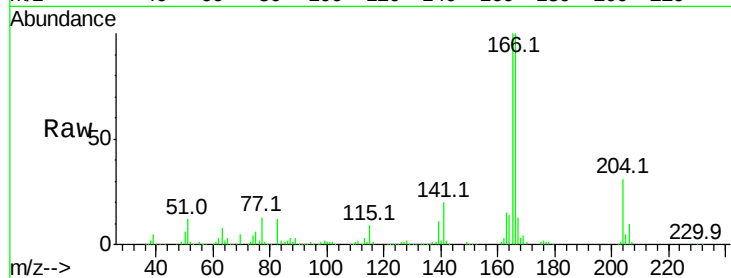




#57
Fluorene
 Concen: 44.906 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

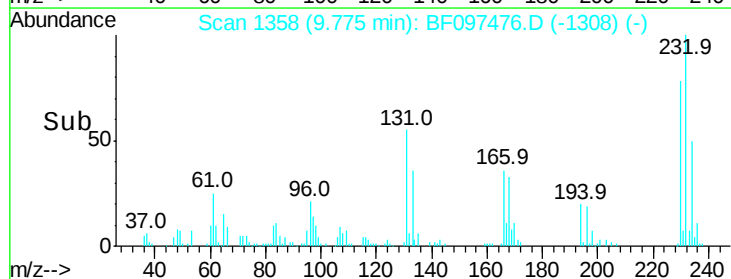
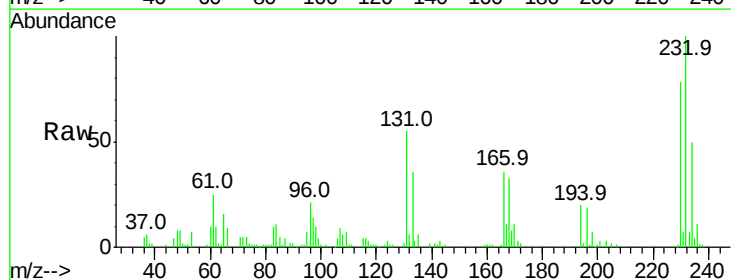
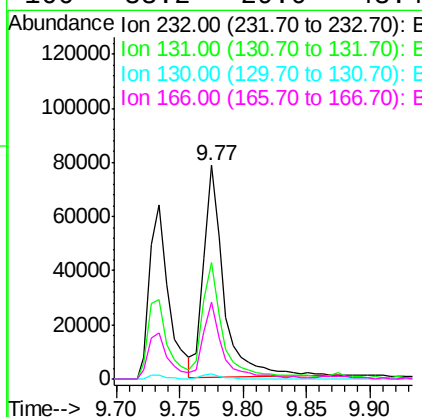
Instrument :
 BNA_F
 ClientSampleId :

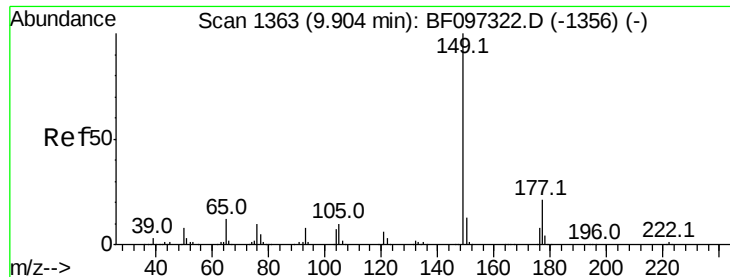
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.8	118.2
167	13.2	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.052 ng
 RT: 9.77 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.3	44.8	67.2
130	2.3	2.3	3.5#
166	33.2	29.0	43.4

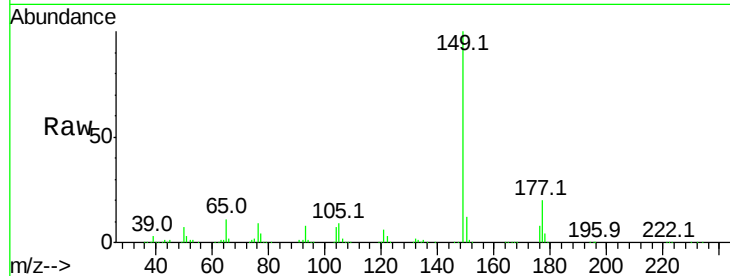




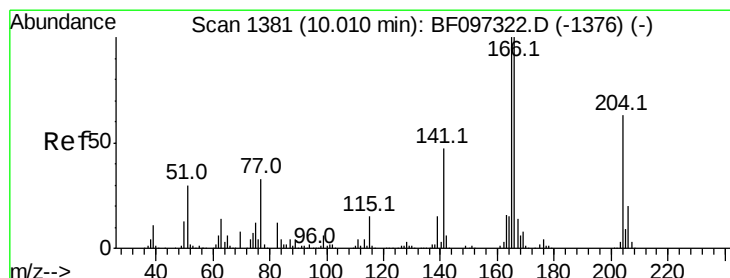
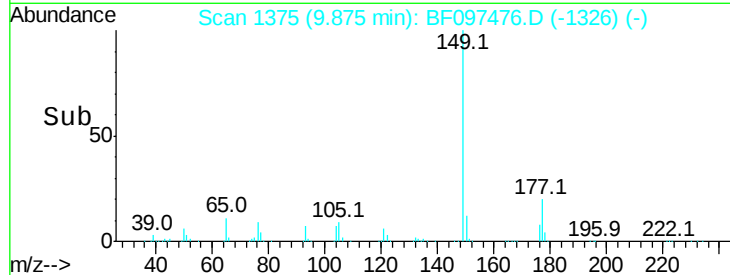
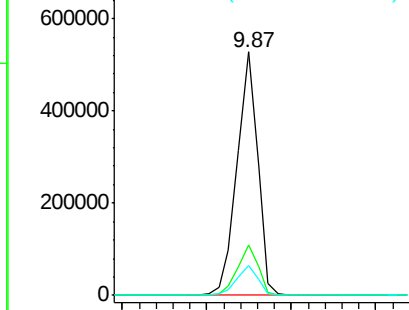
#59
Diethylphthalate
Concen: 42.923 ng
RT: 9.87 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 448256
Ion Ratio Lower Upper
149 100
177 20.4 16.7 25.1
150 12.4 10.2 15.2

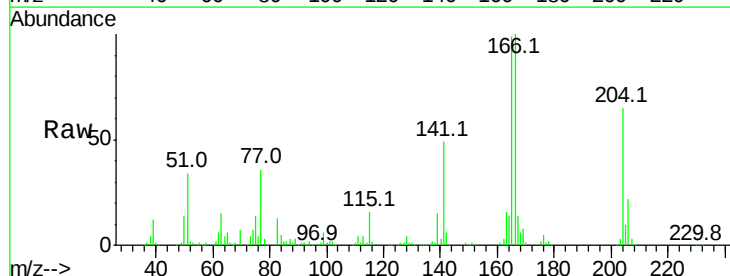


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

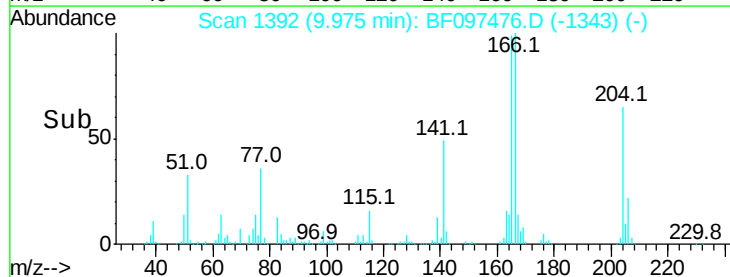
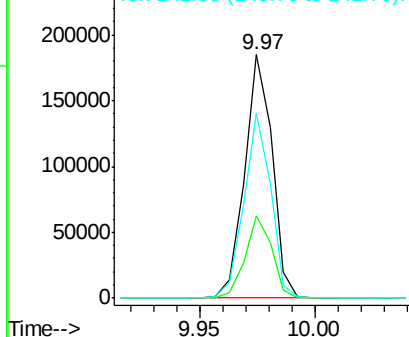


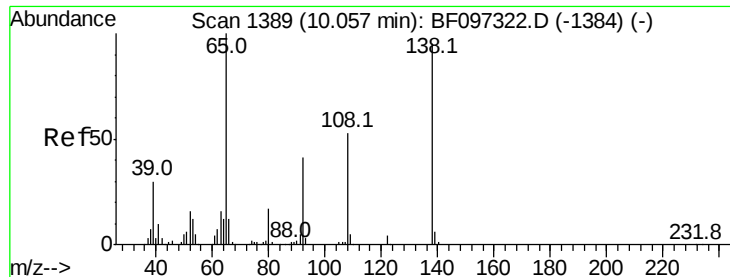
#60
4-Chlorophenyl-phenylether
Concen: 43.870 ng
RT: 9.97 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion:204 Resp: 154494
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 75.7 60.8 91.2



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

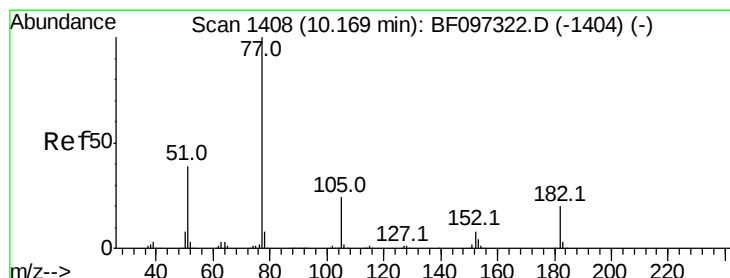
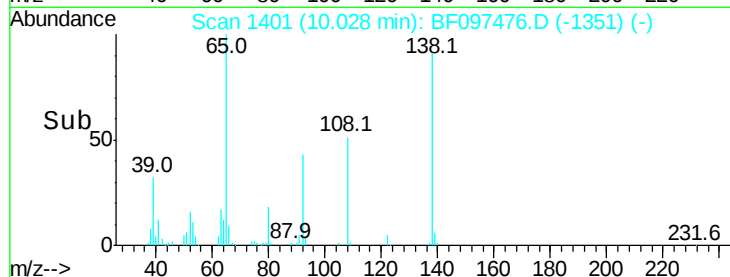
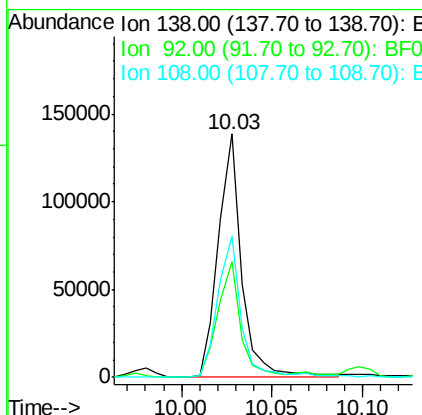
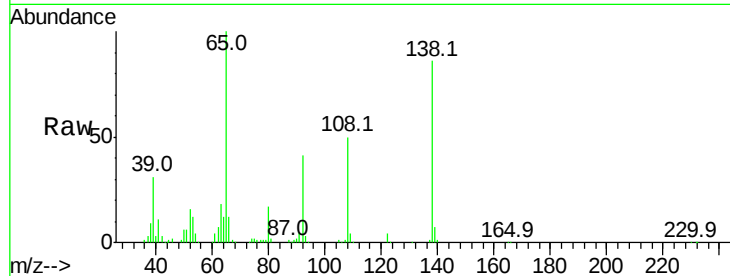




#61
4-Nitroaniline
Concen: 43.865 ng
RT: 10.03 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

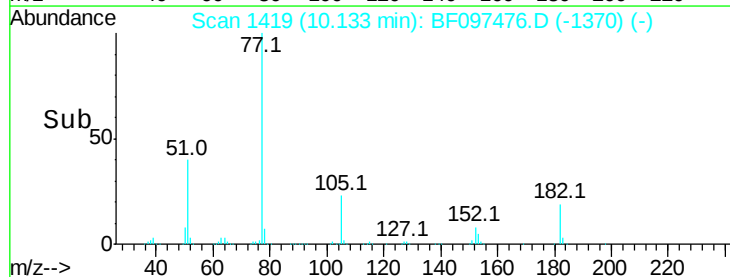
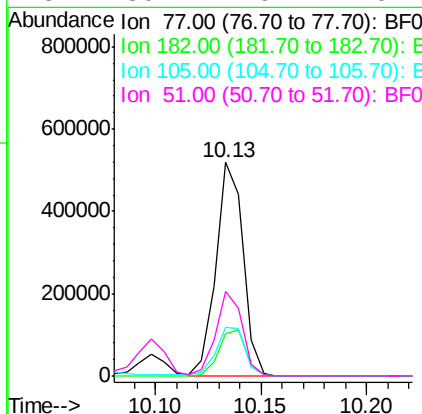
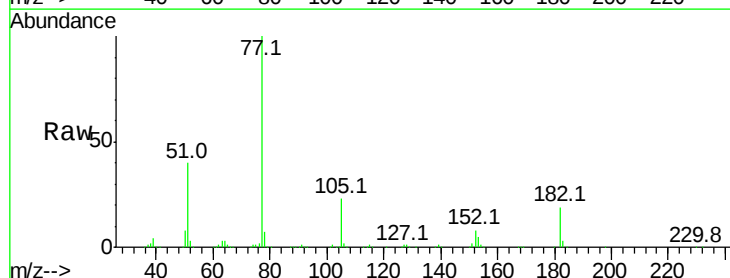
Instrument :
BNA_F
ClientSampled :

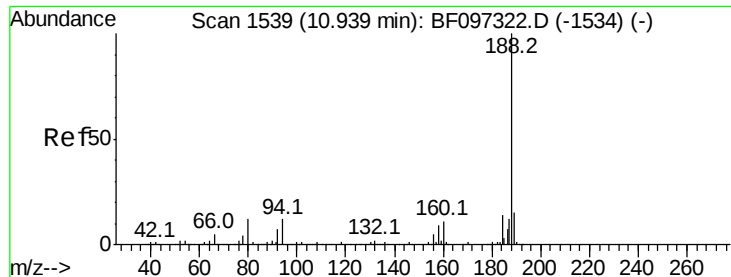
Tot Ion:138 Resp: 124904
Ion Ratio Lower Upper
138 100
92 47.5 21.8 61.8
108 58.1 42.3 82.3



#62
Azobenzene
Concen: 47.744 ng
RT: 10.13 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion: 77 Resp: 462557
Ion Ratio Lower Upper
77 100
182 19.5 0.1 40.1
105 23.0 3.6 43.6
51 39.7 9.4 49.4

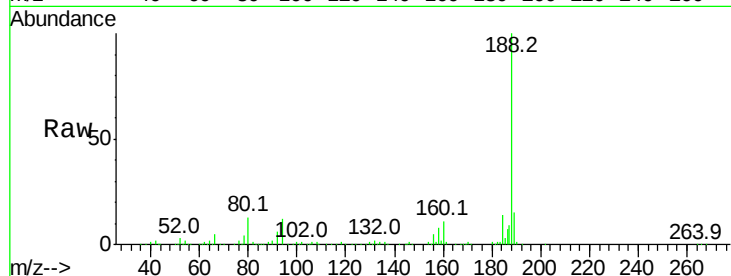




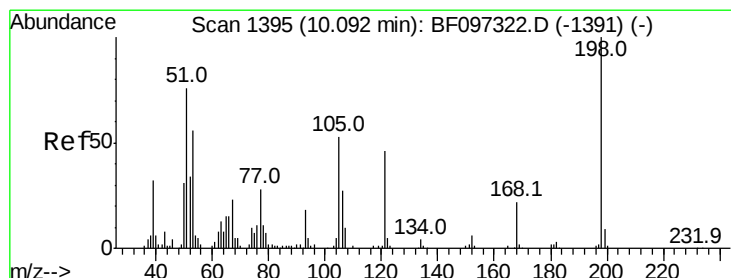
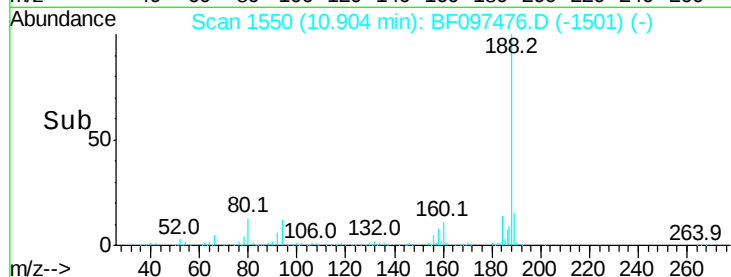
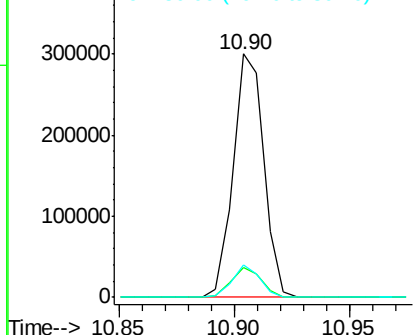
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 276978
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 13.3 10.2 15.2

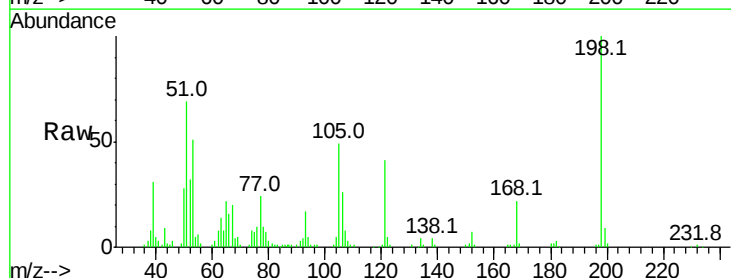


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

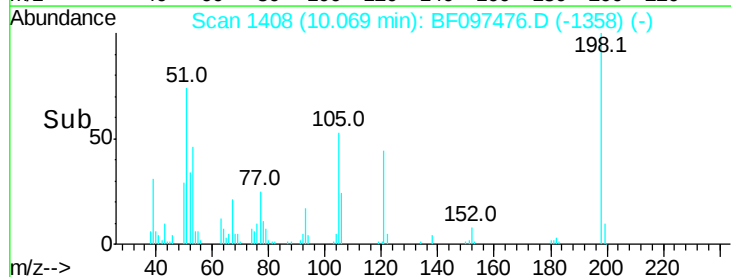
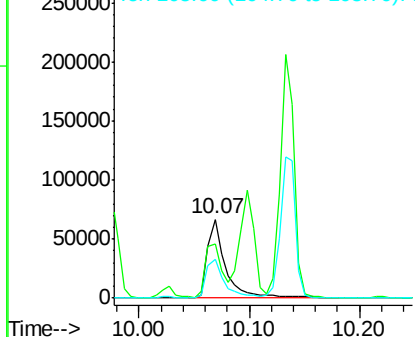


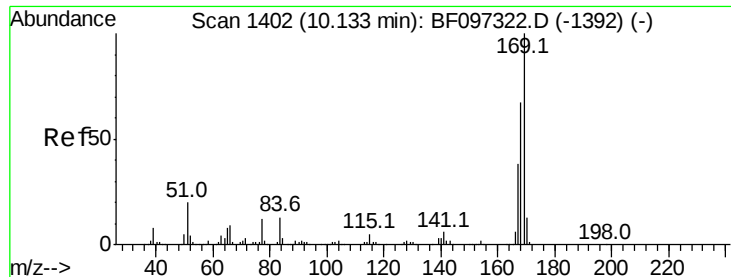
#64
4,6-Dinitro-2-methylphenol
Concen: 43.450 ng
RT: 10.07 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion:198 Resp: 74782
Ion Ratio Lower Upper
198 100
51 68.8 53.2 93.2
105 49.3 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: 41.188 ng

RT: 10.10 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

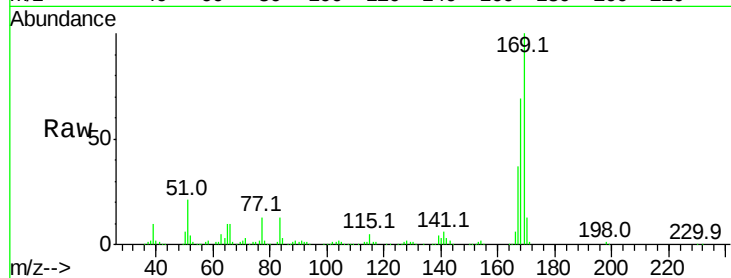
Tot Ion:169 Resp: 396934

Ion Ratio Lower Upper

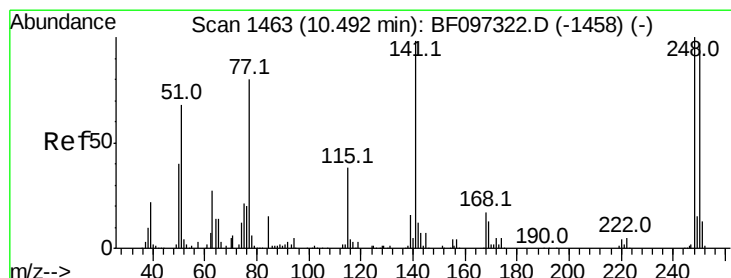
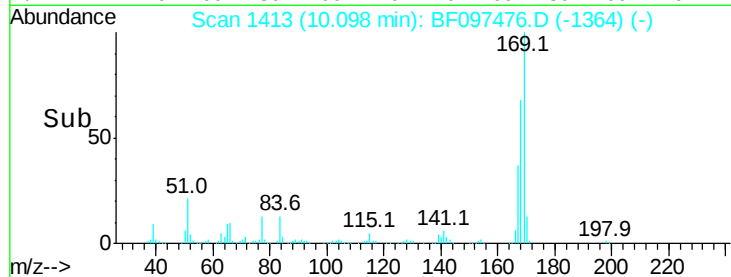
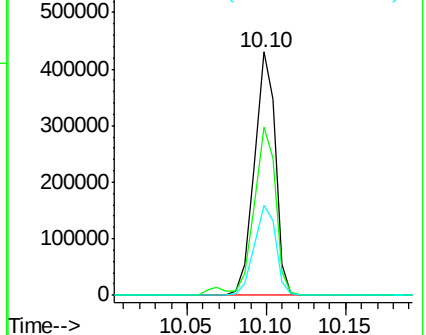
169 100

168 68.8 53.2 79.8

167 36.8 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: 39.898 ng

RT: 10.46 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

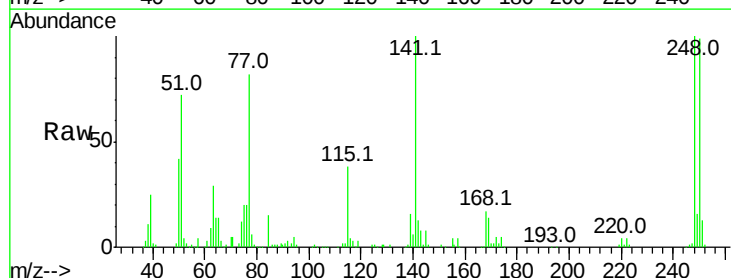
Tgt Ion:248 Resp: 110285

Ion Ratio Lower Upper

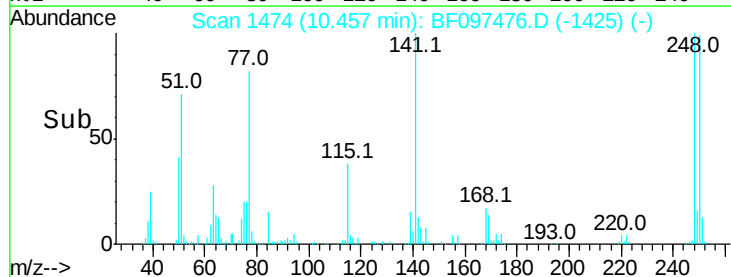
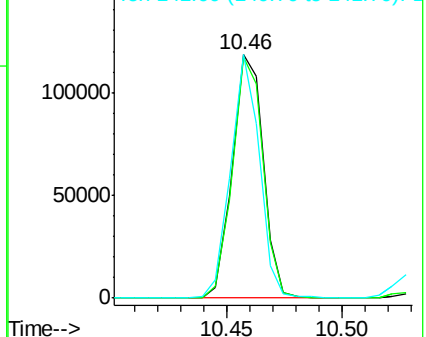
248 100

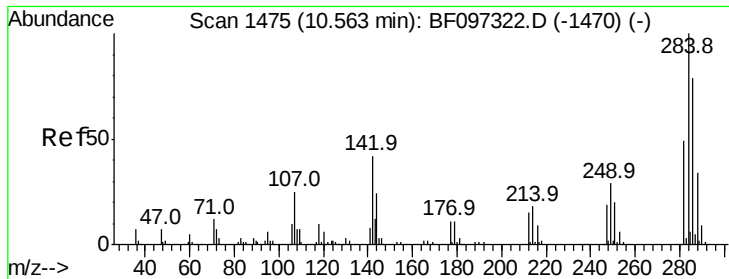
250 99.1 76.8 115.2

141 99.9 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

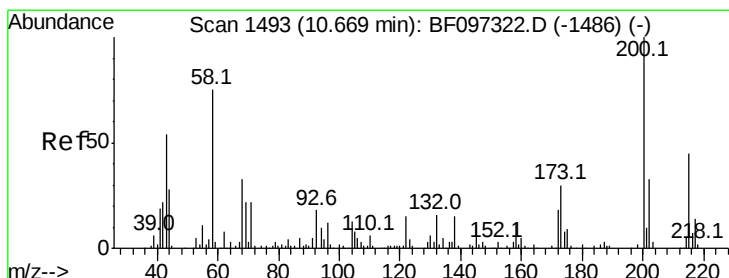
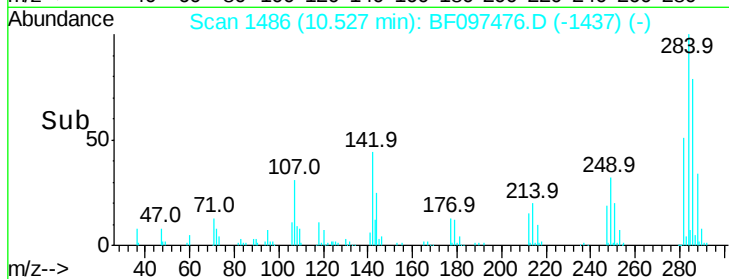
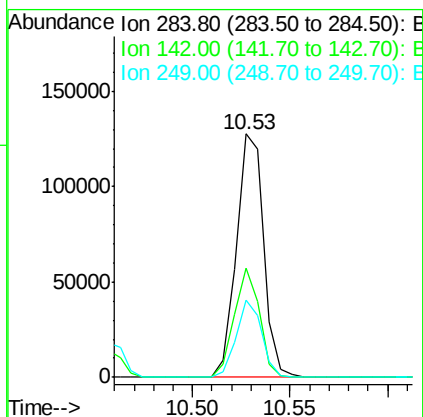
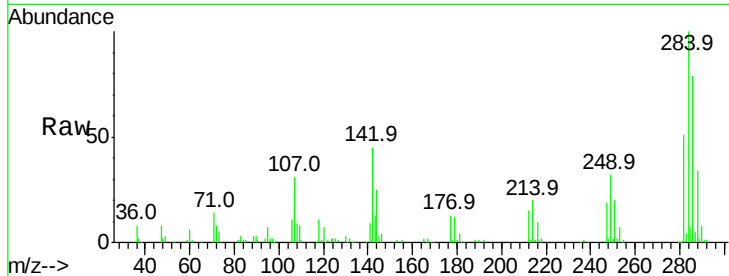




#67
Hexachlorobenzene
Concen: 39.760 ng
RT: 10.53 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

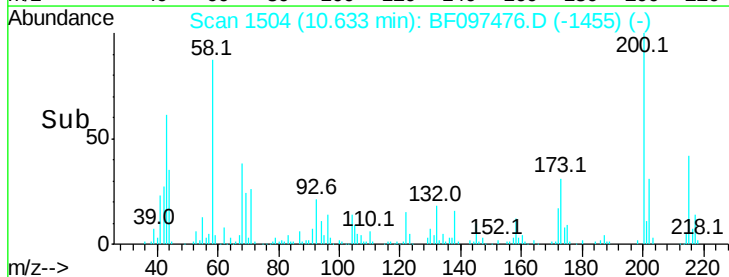
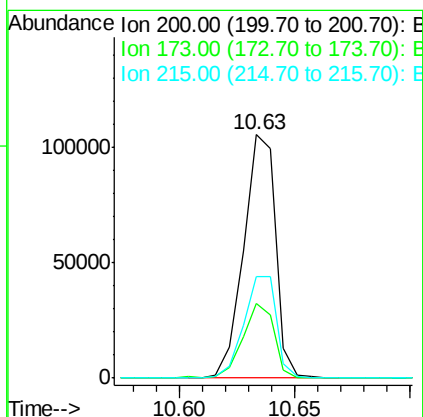
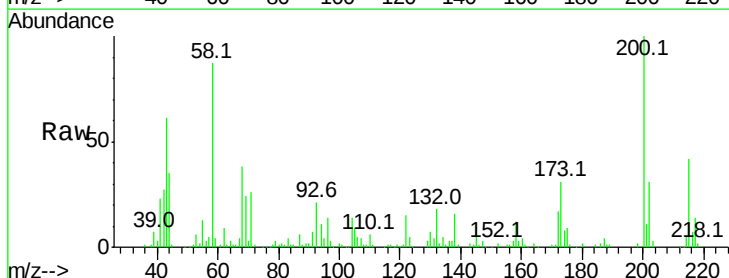
Instrument :
BNA_F
ClientSampleId :

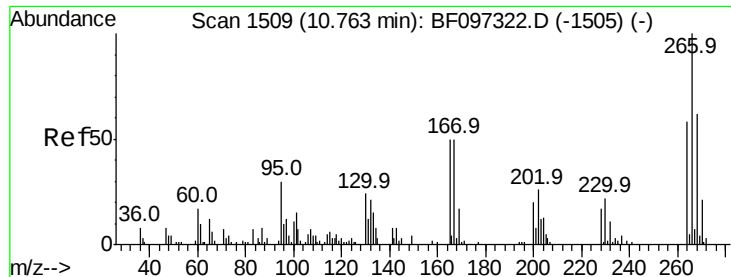
Tot Ion	Ratio	Lower	Upper
284	100		
142	44.9	22.8	34.2#
249	31.5	24.0	36.0



#68
Atrazine
Concen: 36.952 ng
RT: 10.63 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.5	6.3	46.3
215	41.6	27.2	67.2

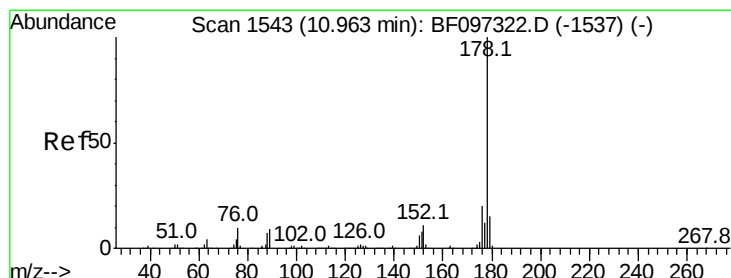
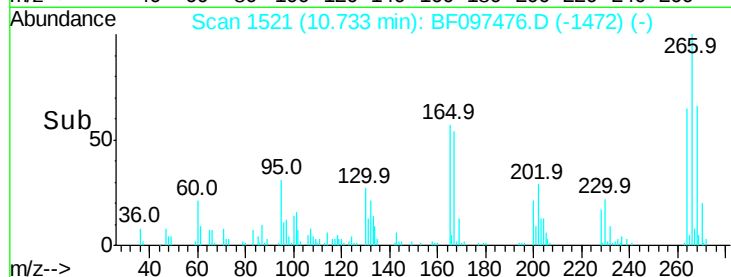
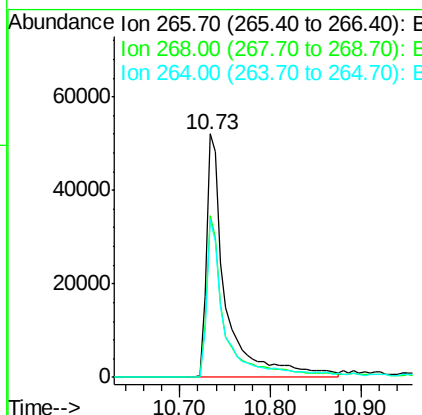
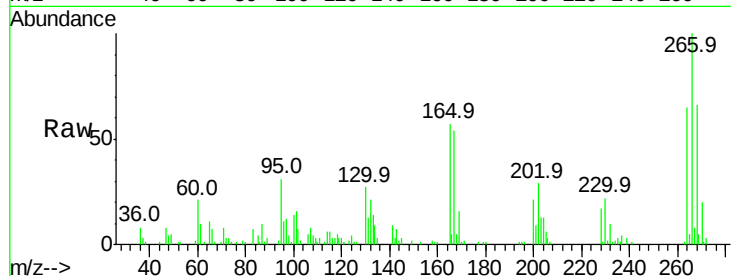




#69
 Pentachlorophenol
 Concen: 61.550 ng
 RT: 10.73 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

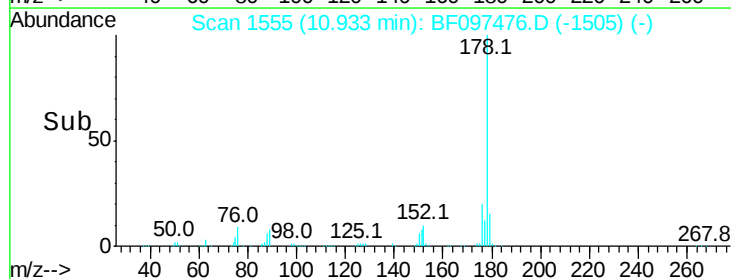
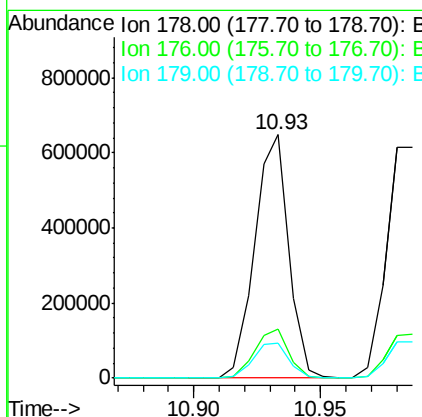
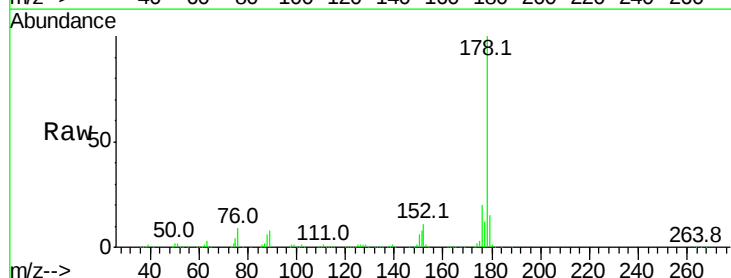
Instrument :
 BNA_F
 ClientSampled :

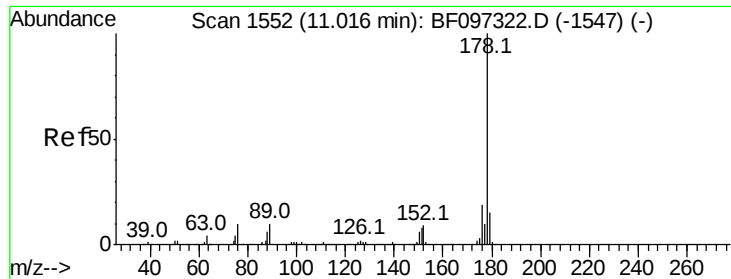
Tot Ion:266 Resp: 78939
 Ion Ratio Lower Upper
 266 100
 268 66.4 51.1 76.7
 264 65.0 51.7 77.5



#70
 Phenanthrene
 Concen: 40.590 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:178 Resp: 602377
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 14.6 12.6 19.0

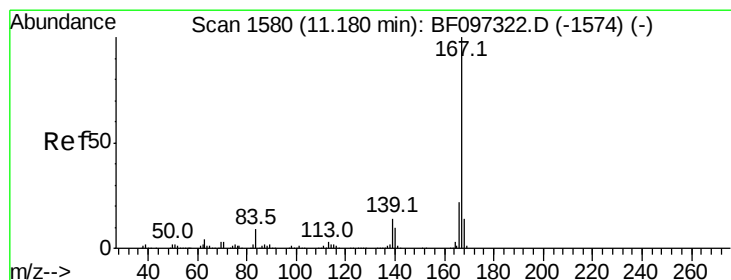
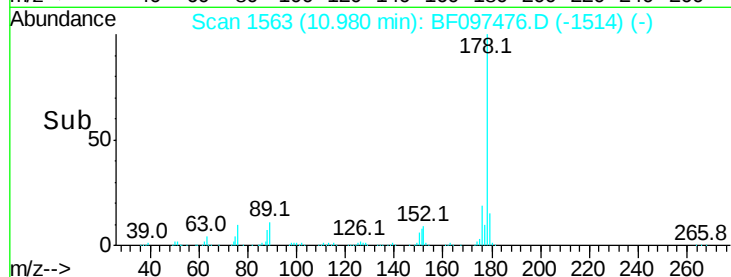
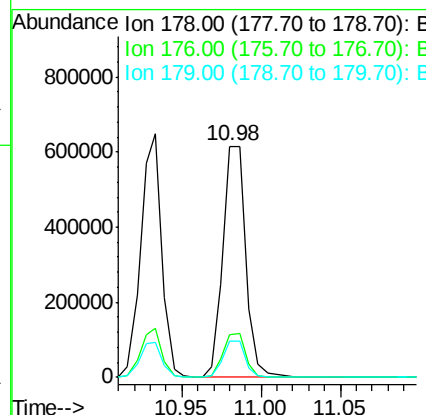
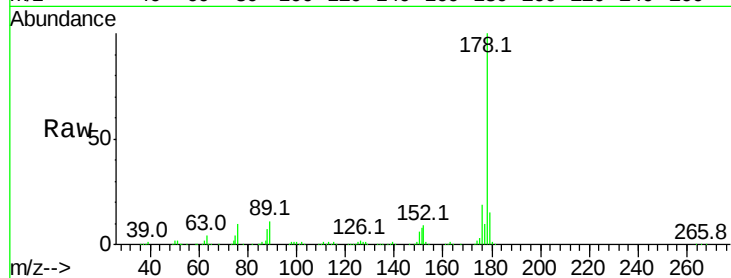




#71
 Anthracene
 Concen: 40.503 ng
 RT: 10.98 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

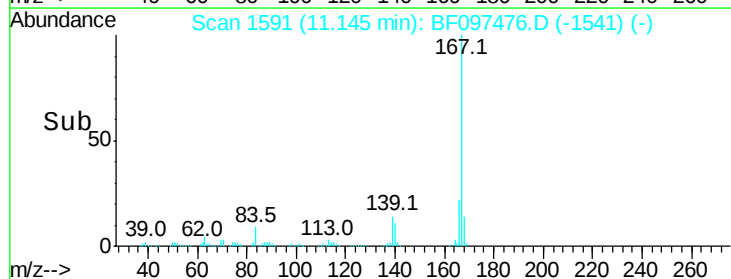
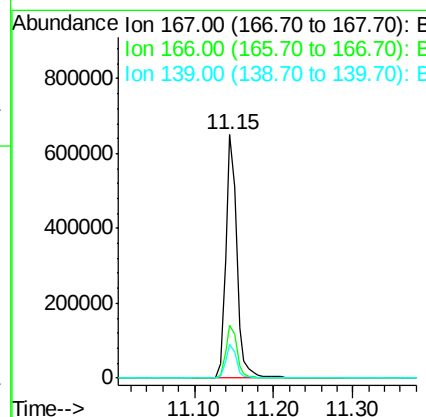
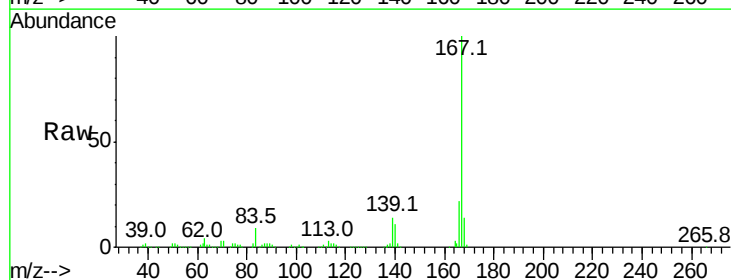
Instrument :
 BNA_F
 ClientSampleId :

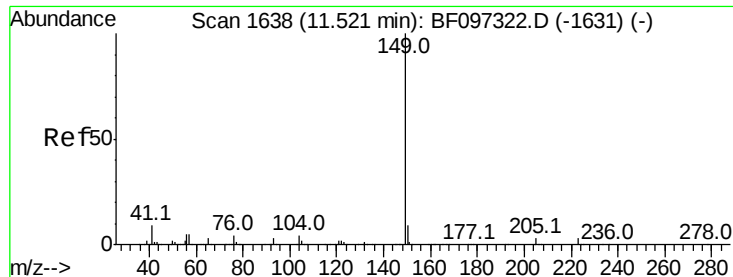
Tot Ion:178 Resp: 615641
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 42.131 ng
 RT: 11.15 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:167 Resp: 629803
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.7 11.7 17.5

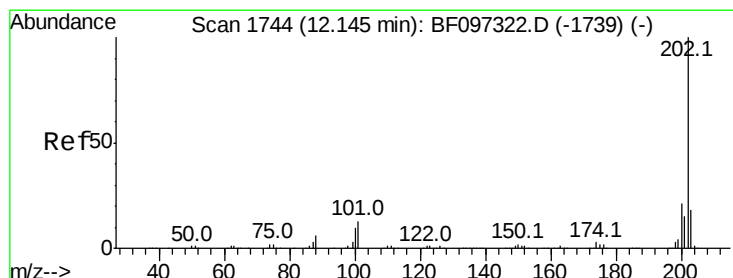
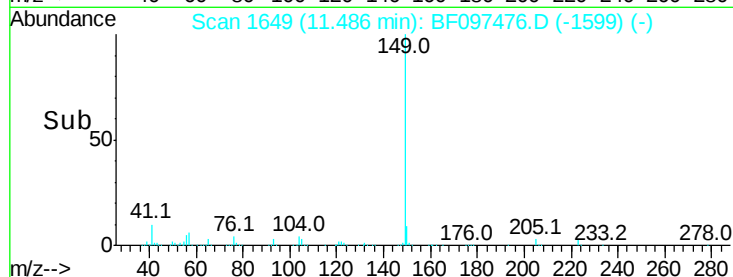
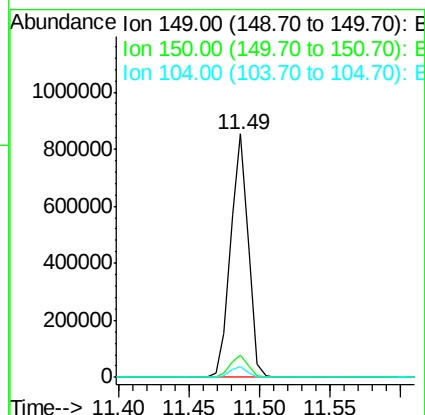
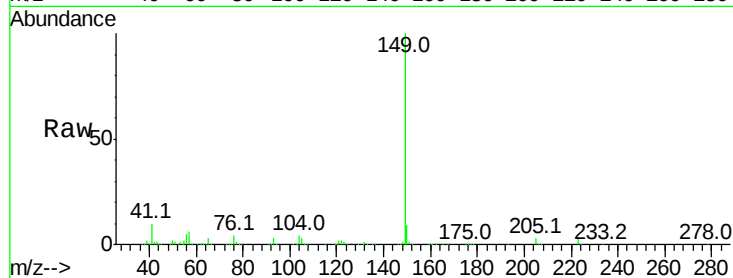




#73
Di-n-butylphthalate
Concen: 39.711 ng
RT: 11.49 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

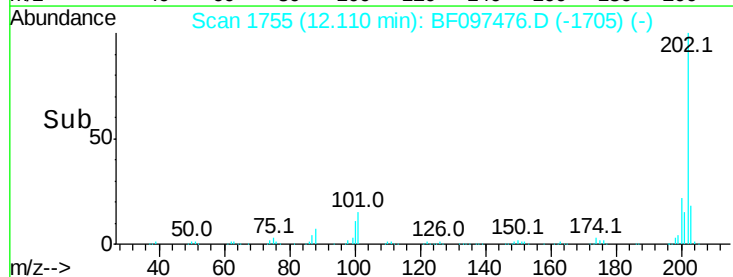
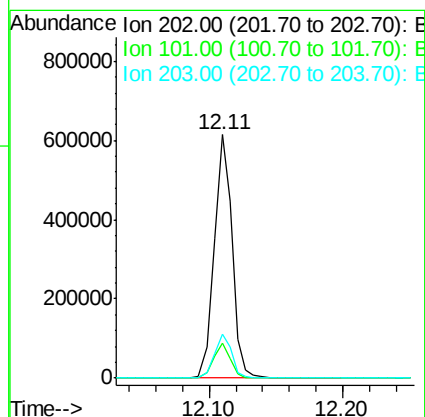
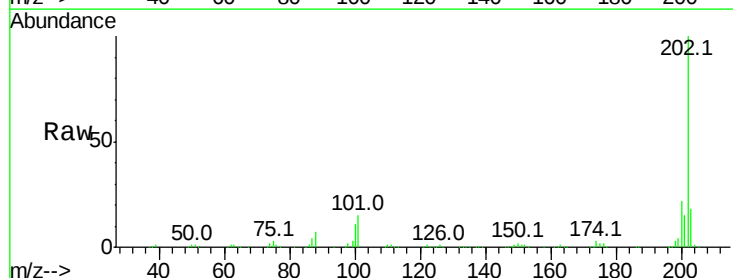
Instrument :
BNA_F
ClientSampleId :

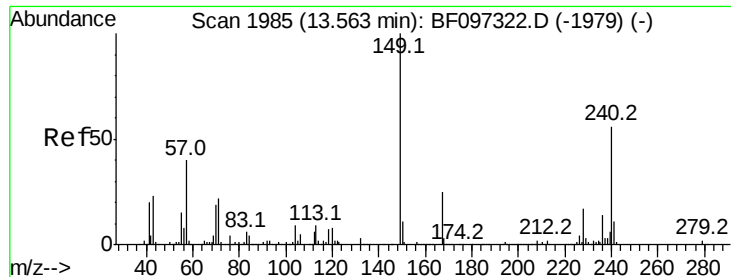
Tot Ion:149 Resp: 733807
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 39.742 ng
RT: 12.11 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion:202 Resp: 577798
Ion Ratio Lower Upper
202 100
101 14.6 0.0 33.2
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampled :

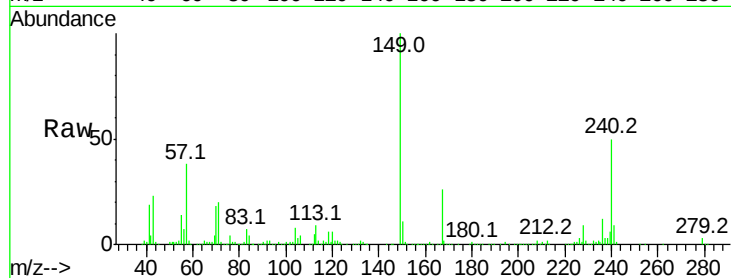
Tot Ion:240 Resp: 166423

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

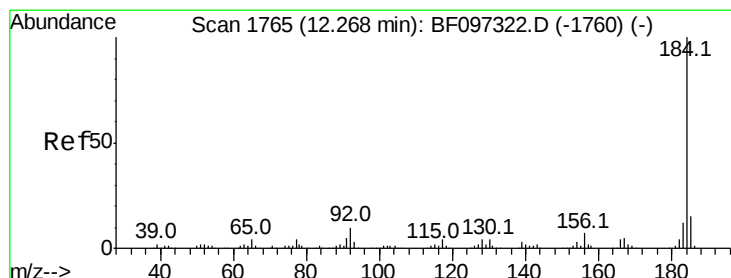
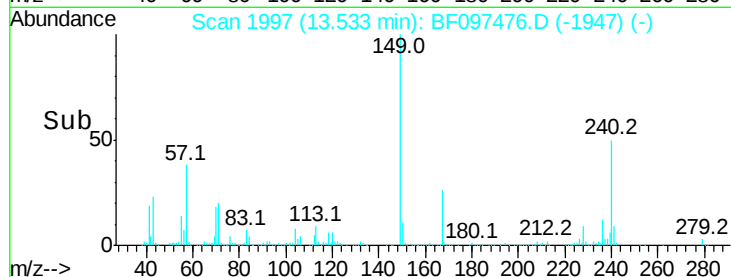
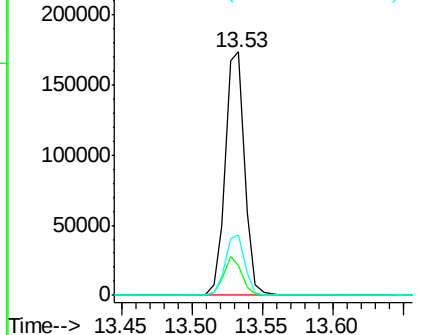
236 24.8 20.5 30.7



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: 25.334 ng

RT: 12.25 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

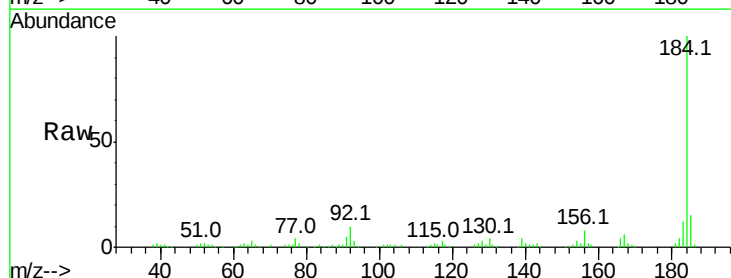
Tgt Ion:184 Resp: 156437

Ion Ratio Lower Upper

184 100

185 15.3 15.5 23.3#

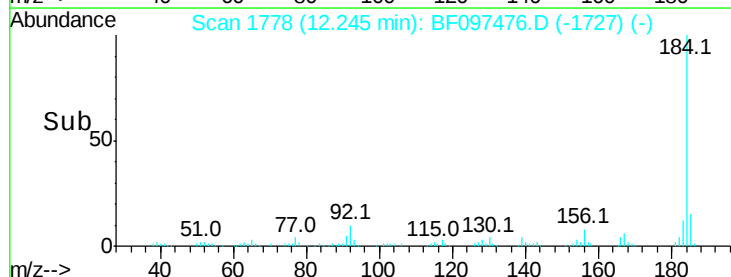
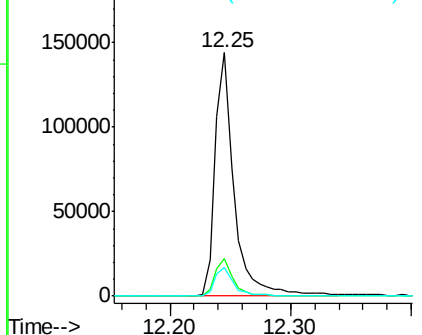
183 11.9 9.8 14.6

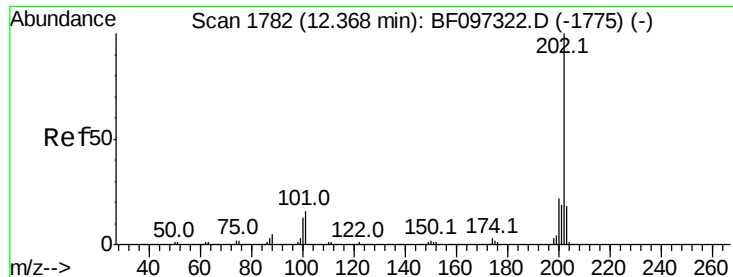


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

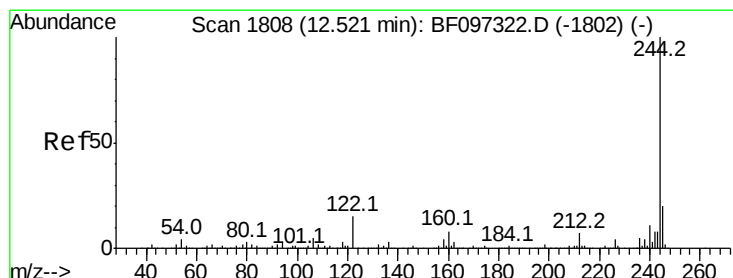
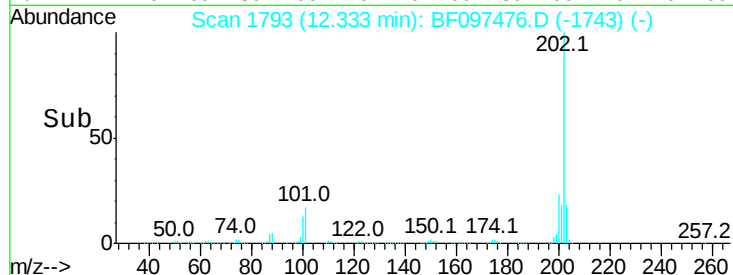
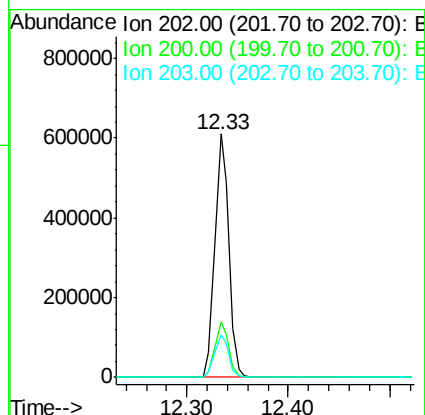
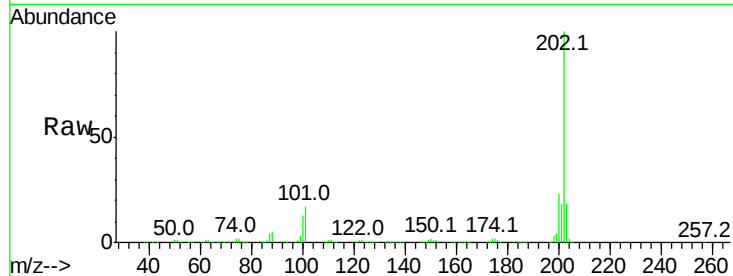




#77
Pvrene
Concen: 42.901 ng
RT: 12.33 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

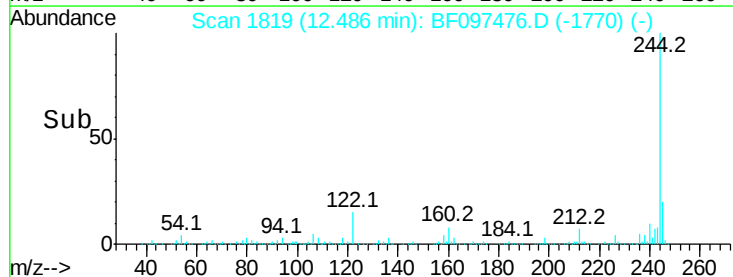
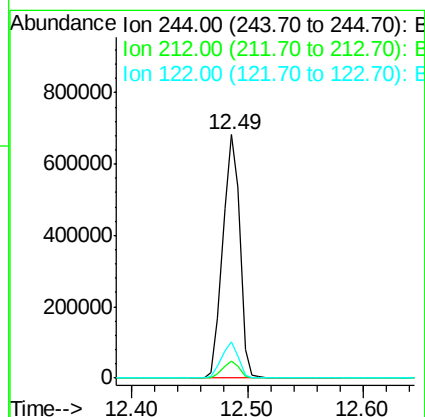
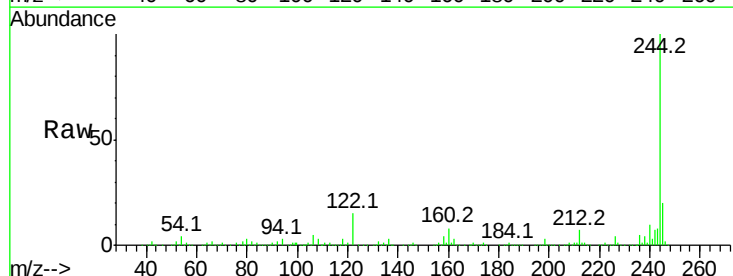
Instrument :
BNA_F
ClientSampleId :

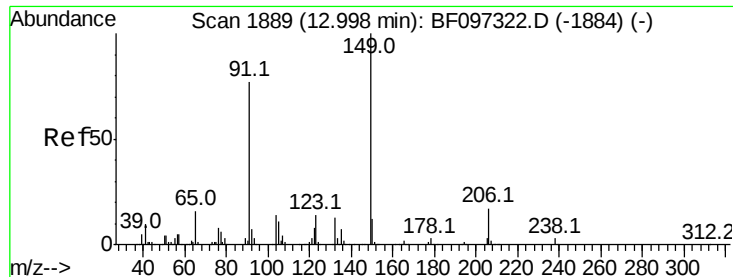
Tot Ion:202 Resp: 584507
Ion Ratio Lower Upper
202 100
200 22.8 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 85.306 ng
RT: 12.49 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion:244 Resp: 696318
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 14.7 10.3 15.5

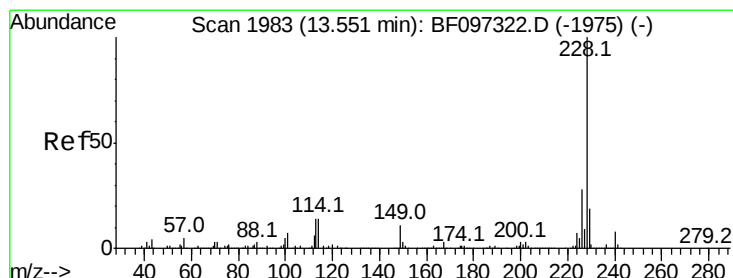
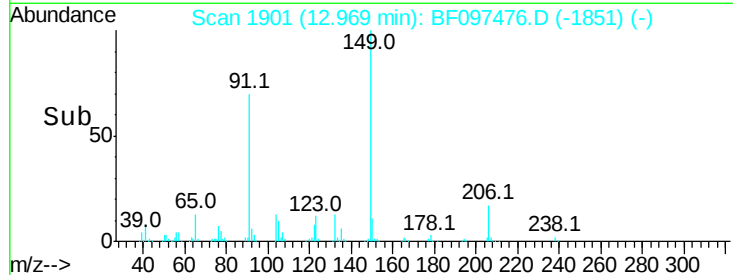
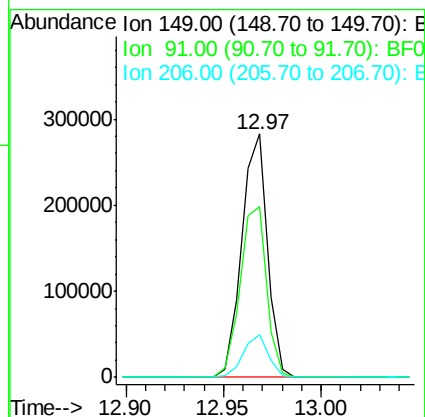
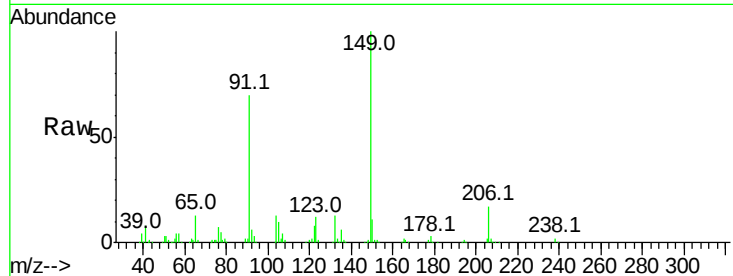




#79
 Butylbenzylphthalate
 Concen: 37.100 ng
 RT: 12.97 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

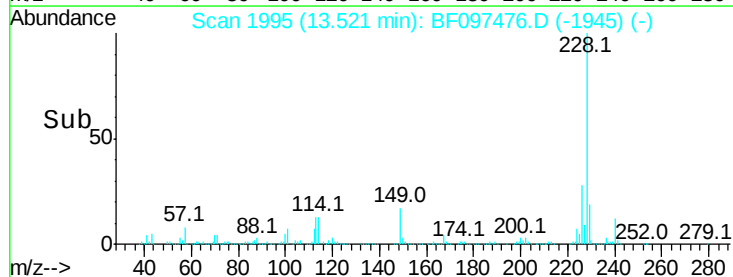
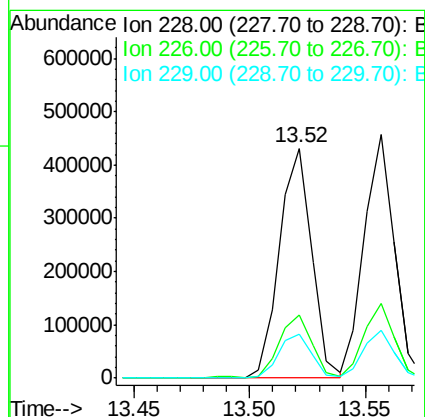
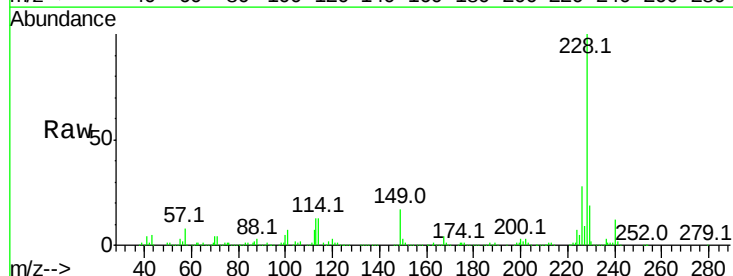
Instrument :
 BNA_F
 ClientSampleId :

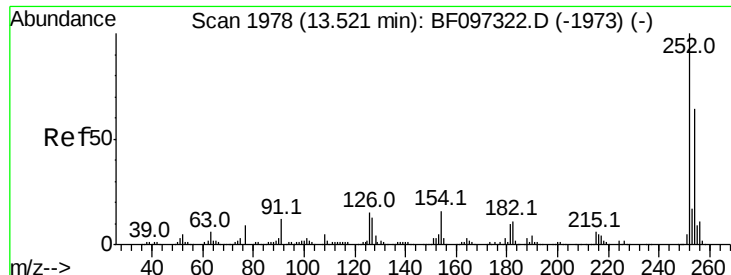
Tot Ion:	149	Resp:	257117
Ion	Ratio	Lower	Upper
149	100		
91	70.3	45.0	67.4#
206	17.3	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 38.734 ng
 RT: 13.52 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:	228	Resp:	417097
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.4	16.3	24.5

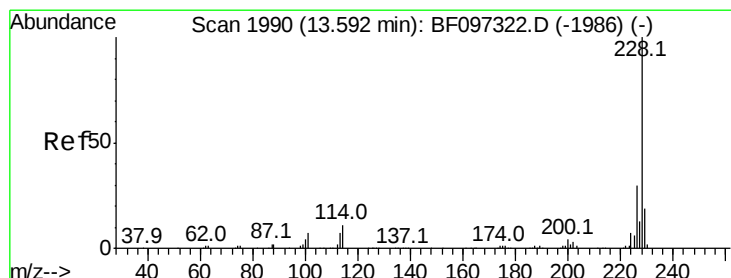
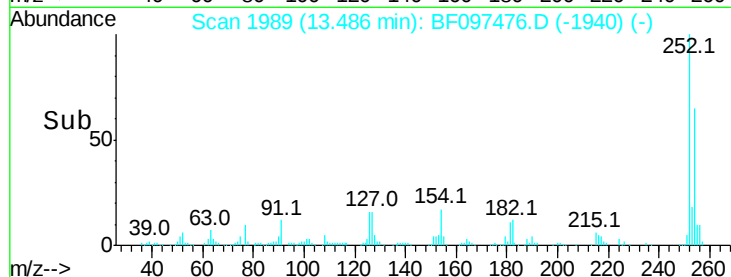
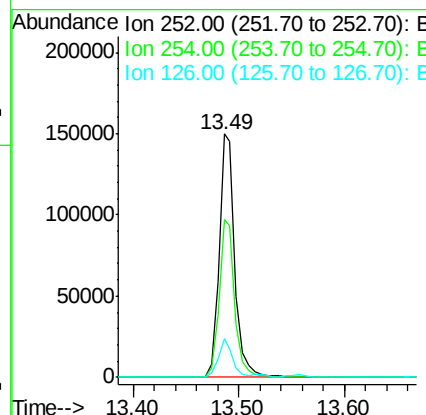
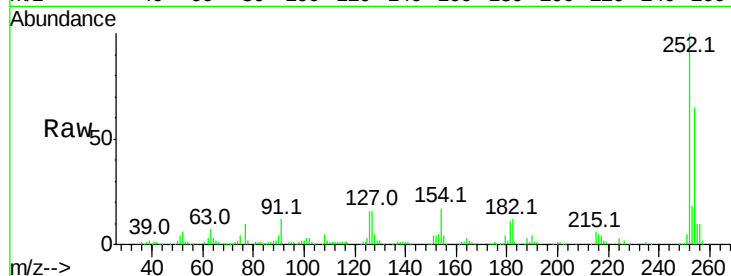




#81
 3,3'-Dichlorobenzidine
 Concen: 38.907 ng
 RT: 13.49 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

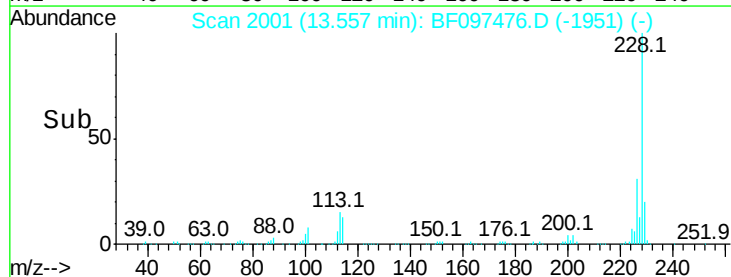
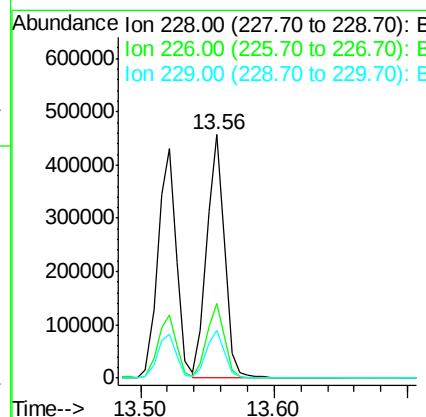
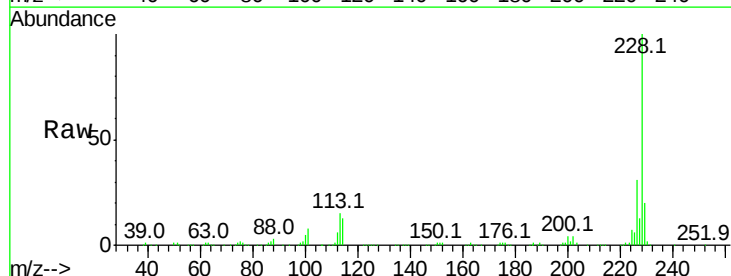
Instrument :
 BNA_F
 ClientSampled :

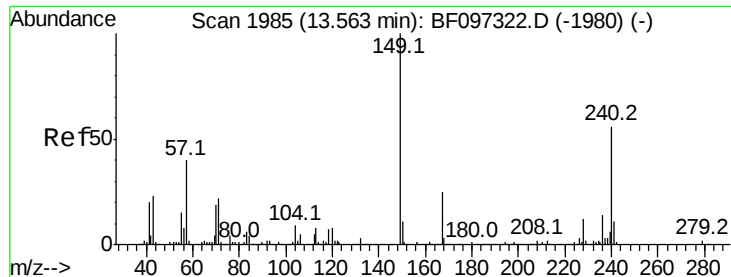
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	15.8	15.8	23.8



#82
 Chrysene
 Concen: 39.640 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.6	15.8	23.6

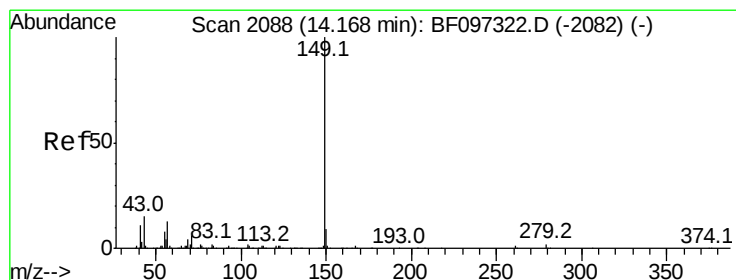
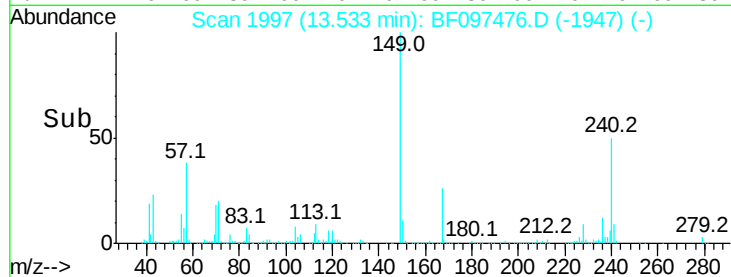
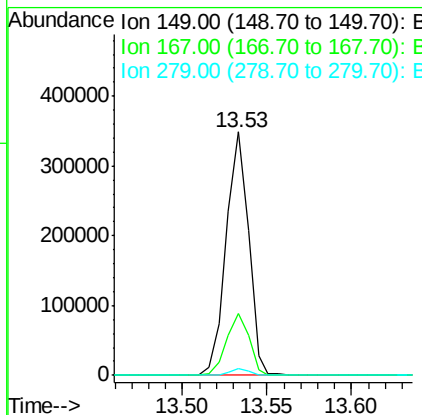
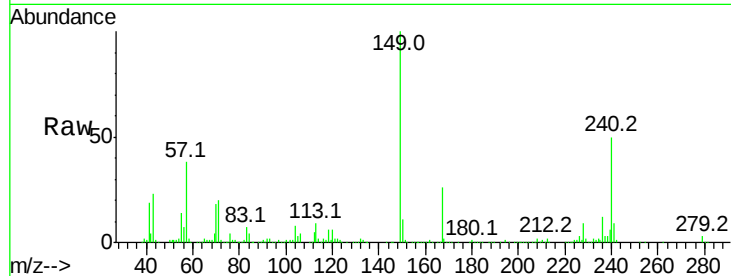




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.672 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

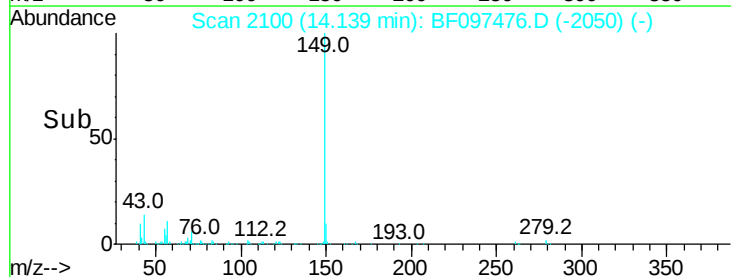
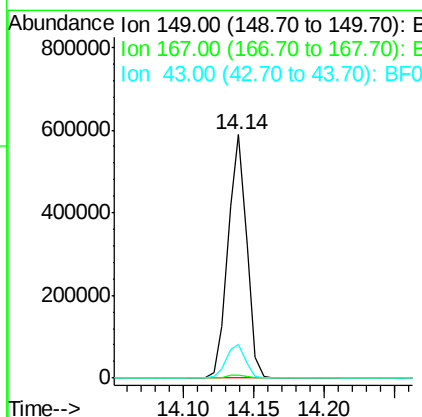
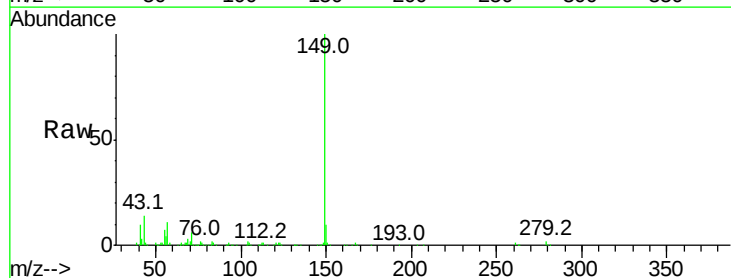
Instrument :
 BNA_F
 ClientSampleId :

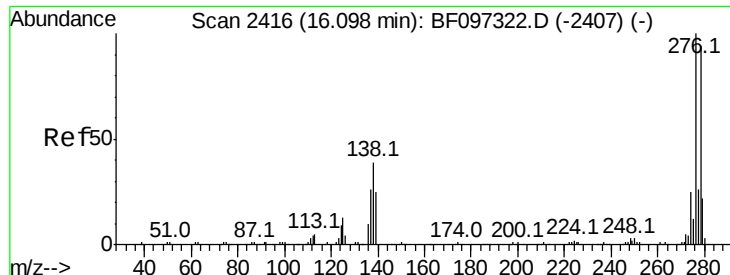
Tot Ion:149 Resp: 322792
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 2.7 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 32.475 ng
 RT: 14.14 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:149 Resp: 539277
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 14.4 8.5 12.7#

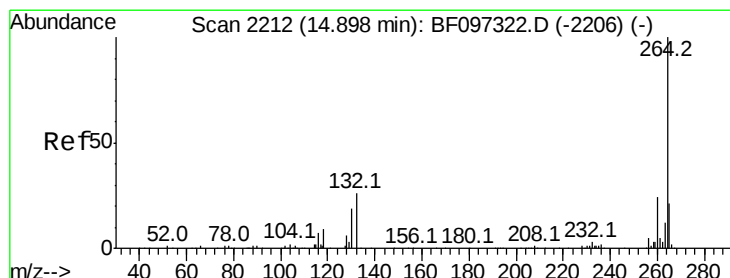
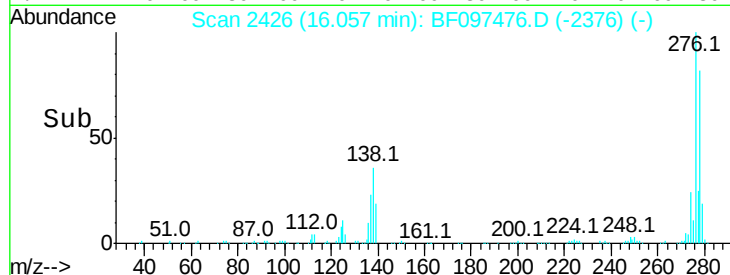
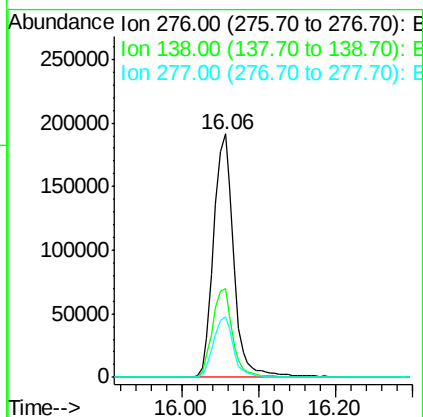
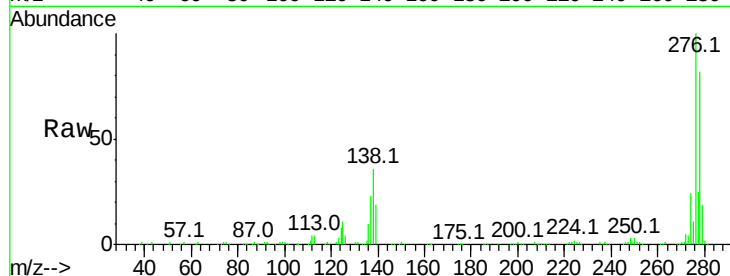




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.200 ng
 RT: 16.06 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

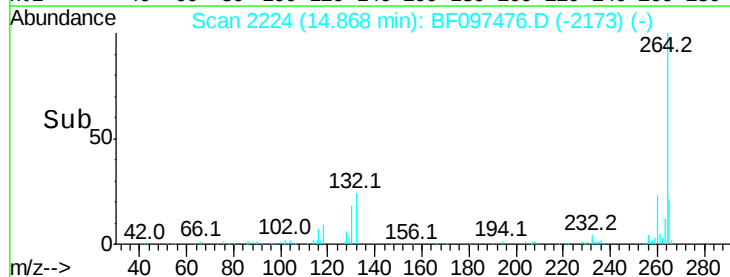
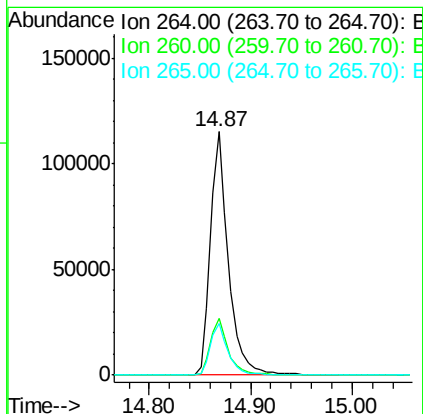
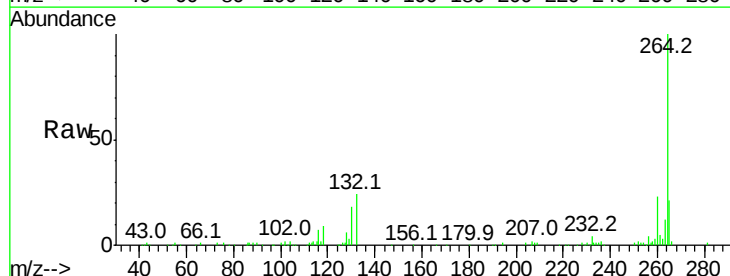
Instrument :
 BNA_F
 ClientSampleId :

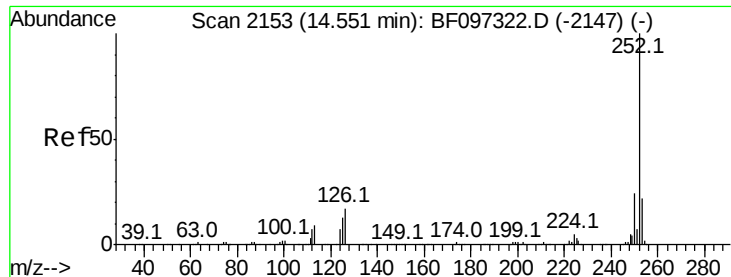
Tot Ion:276 Resp: 344425
 Ion Ratio Lower Upper
 276 100
 138 36.8 27.8 41.6
 277 24.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:264 Resp: 141848
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.3 17.2 25.8

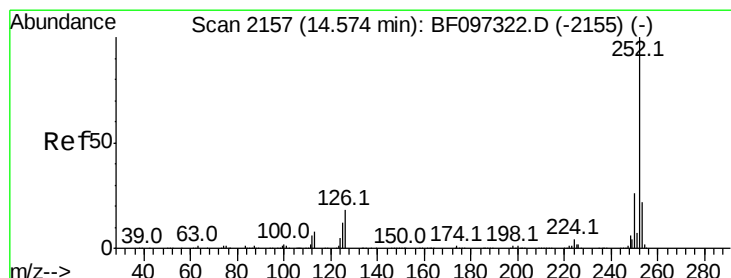
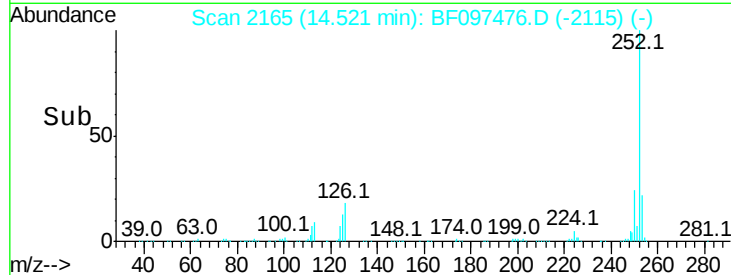
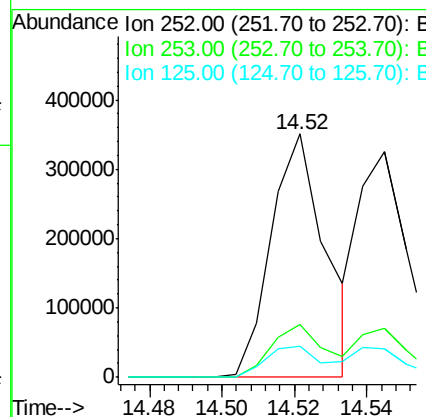
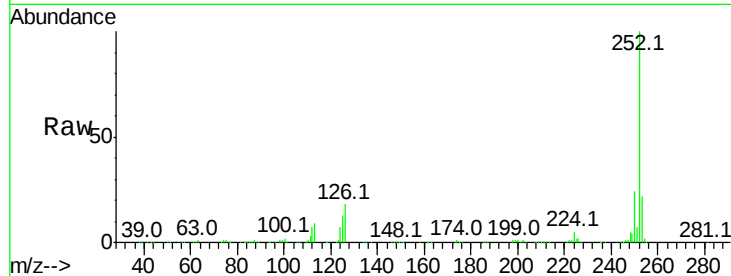




#87
Benzo(b)fluoranthene
Concen: 42.712 ng
RT: 14.52 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

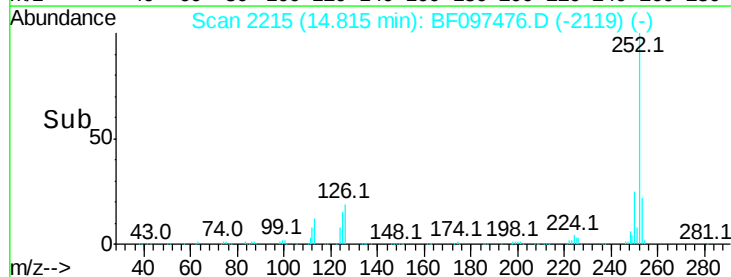
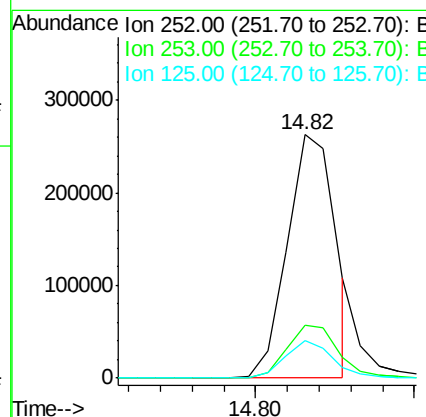
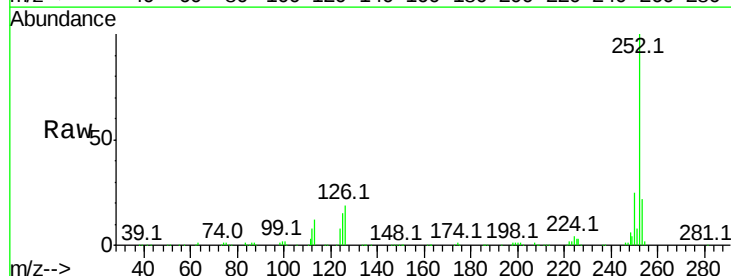
Instrument :
BNA_F
ClientSampleId :

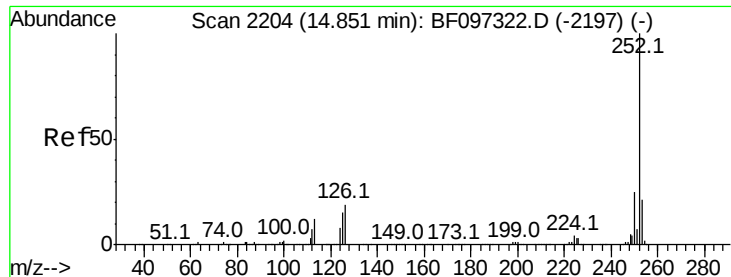
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.8	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 34.179 ng
RT: 14.82 min Scan# 2215
Delta R.T. 0.26 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	15.4	13.1	19.7





#89

Benzo(a)pyrene

Concen: 39.183 ng

RT: 14.82 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

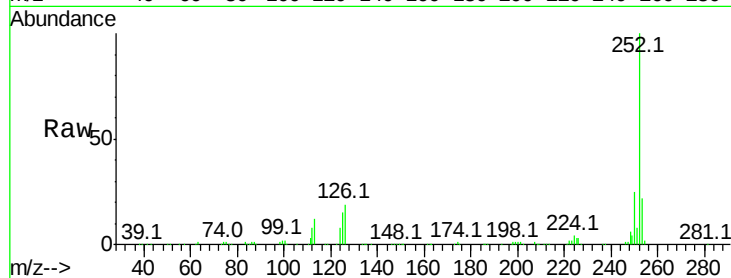
Tot Ion:252 Resp: 305779

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

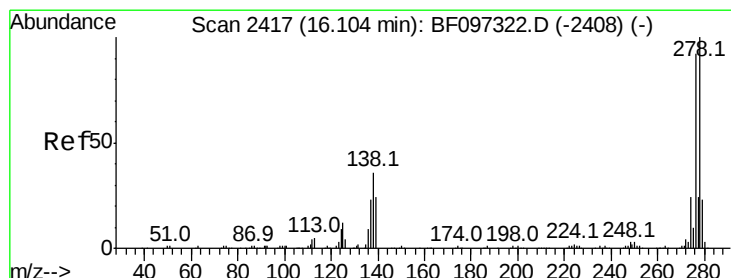
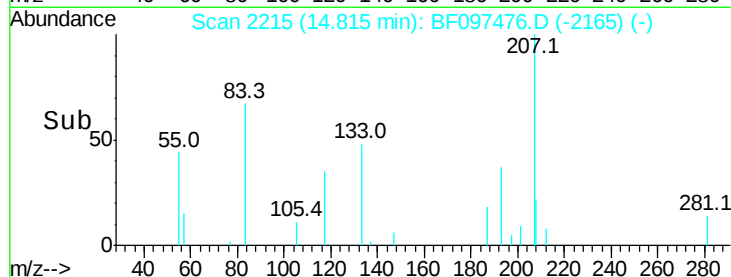
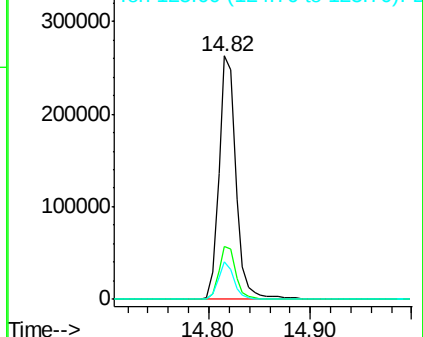
125 15.4 11.0 16.4



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: 43.770 ng

RT: 16.06 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

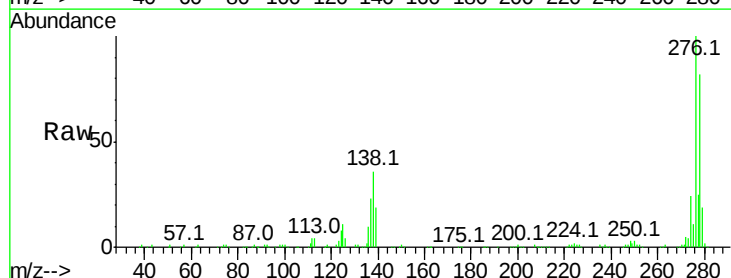
Tgt Ion:278 Resp: 280112

Ion Ratio Lower Upper

278 100

139 23.4 16.6 24.8

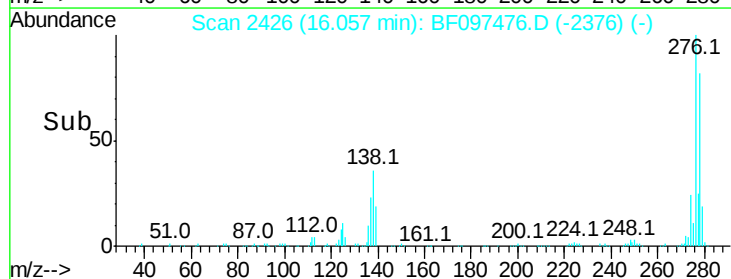
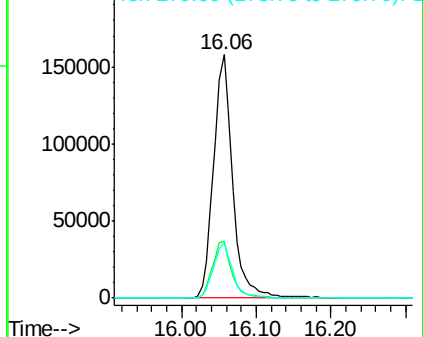
279 23.0 19.3 28.9

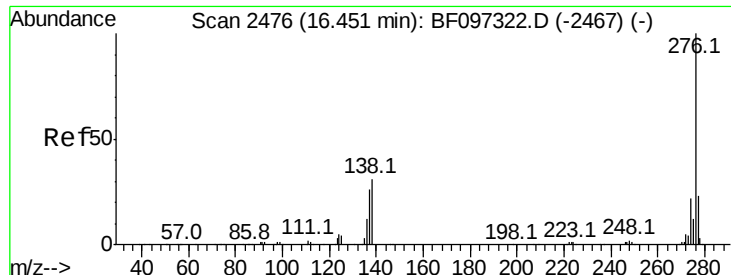


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.003 ng

RT: 16.40 min Scan# 2485

Delta R.T. -0.01 min

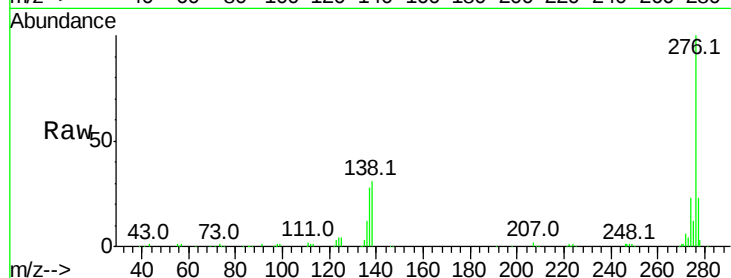
Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	281887
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.6	28.0
138	30.8	25.4	38.0

