

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097312.D
 Acq On : 3 Aug 2017 11:03
 Operator : SJ/JU
 Sample : I4471-20MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 12:02:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	96811	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	395426	20.00	ng	-0.05
38) Acenaphthene-d10	9.48	164	157711	20.00	ng	-0.05
63) Phenanthrene-d10	10.96	188	264544	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	167816	20.00	ng	-0.05
86) Perylene-d12	14.92	264	157210	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	703815	109.59	ng	-0.05
7) Phenol-d6	6.13	99	801171	109.28	ng	-0.04
23) Nitrobenzene-d5	7.02	82	487418	72.31	ng	-0.05
41) 2,4,6-Tribromophenol	10.27	330	143141	114.87	ng	-0.05
44) 2-Fluorobiphenyl	8.82	172	749446	80.65	ng	-0.05
78) Terphenyl-d14	12.53	244	494534	60.08	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	77153	28.789	ng	# 73
3) Pyridine	2.59	79	239484	29.183	ng	# 64
4) n-Nitrosodimethylamine	2.53	42	147822	32.515	ng	# 76
6) Aniline	6.12	93	251554	27.266	ng	92
8) 2-Chlorophenol	6.25	128	260168	37.887	ng	96
9) Benzaldehyde	5.99	77	179454	41.353	ng	97
10) Phenol	6.14	94	356460	40.990	ng	98
11) bis(2-Chloroethyl)ether	6.20	93	256375	37.275	ng	91
12) 1,3-Dichlorobenzene	6.39	146	259908	35.121	ng	97
13) 1,4-Dichlorobenzene	6.47	146	271959	37.083	ng	94
14) 1,2-Dichlorobenzene	6.62	146	226921	35.437	ng	98
15) Benzyl Alcohol	6.62	79	194975	42.005	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.74	45	501111	36.325	ng	80
17) 2-Methylphenol	6.75	107	196769	37.128	ng	# 86
18) Hexachloroethane	6.96	117	86173	32.118	ng	# 80
19) n-Nitroso-di-n-propylamine	6.89	70	176943	36.666	ng	# 82
20) 3+4-Methylphenols	6.90	107	279137	40.326	ng	# 62
22) Acetophenone	6.87	105	345177	36.350	ng	96
24) Nitrobenzene	7.05	77	250482	35.681	ng	93
25) Isophorone	7.29	82	506741	38.388	ng	96
26) 2-Nitrophenol	7.36	139	144161	37.957	ng	# 88
27) 2,4-Dimethylphenol	7.42	122	229610	36.649	ng	97
28) bis(2-Chloroethoxy)methane	7.50	93	336831	39.101	ng	99
29) 2,4-Dichlorophenol	7.62	162	225166	41.718	ng	96
30) 1,2,4-Trichlorobenzene	7.69	180	185704	36.097	ng	98
31) Naphthalene	7.76	128	707964	37.981	ng	99
32) Benzoic acid	7.42	122	229610	49.080	ng	# 12
33) 4-Chloroaniline	7.83	127	225280	29.703	ng	98
34) Hexachlorobutadiene	7.88	225	95556	35.036	ng	99
35) Caprolactam	8.19	113	46422	26.823	ng	# 3
36) 4-Chloro-3-methylphenol	8.33	107	203776	34.607	ng	90
37) 2-Methylnaphthalene	8.45	142	450734	38.192	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	171203	40.684	ng	98
40) Hexachlorocyclopentadiene	8.60	237	10006	12.831	ng	98

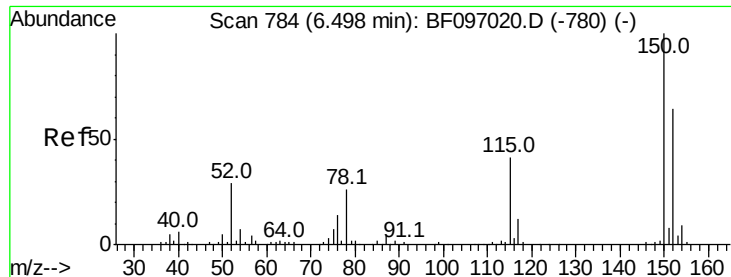
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	126060	41.338	nq	98
43) 2,4,5-Trichlorophenol	8.79	196	121240	39.721	nq	96
45) 1,1'-Biphenyl	8.92	154	487836	36.215	nq	97
46) 2-Chloronaphthalene	8.93	162	374686	37.798	nq	# 91
47) 2-Nitroaniline	9.04	65	158198	43.974	nq	95
48) Acenaphthylene	9.35	152	527837	34.691	nq	100
49) Dimethylphthalate	9.22	163	655752	54.754	nq	100
50) 2,6-Dinitrotoluene	9.29	165	97406	38.347	nq	# 76
51) Acenaphthene	9.52	154	327775	36.572	nq	99
52) 3-Nitroaniline	9.45	138	103415	32.800	nq	94
53) 2,4-Dinitrophenol	9.60	184	4285	3.710	nq	# 1
54) Dibenzofuran	9.69	168	491919	41.207	nq	95
55) 4-Nitrophenol	9.65	139	117840	62.849	nq	# 59
56) 2,4-Dinitrotoluene	9.69	165	121139	41.485	nq	# 57
57) Fluorene	10.03	166	365238	40.707	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	82441	39.118	nq	# 98
59) Diethylphthalate	9.92	149	418686	38.106	nq	100
60) 4-Chlorophenyl-phenylether	10.03	204	149466	40.341	nq	97
61) 4-Nitroaniline	10.06	138	95560	31.898	nq	93
62) Azobenzene	10.19	77	430483	42.233	nq	89
64) 4,6-Dinitro-2-methylphenol	10.11	198	25079	15.256	nq	89
65) n-Nitrosodiphenylamine	10.15	169	421579	45.801	nq	97
66) 4-Bromophenyl-phenylether	10.51	248	96298	36.476	nq	96
67) Hexachlorobenzene	10.58	284	98608	33.307	nq	# 88
68) Atrazine	10.68	200	108877	41.250	nq	93
69) Pentachlorophenol	10.78	266	80058	65.356	nq	97
70) Phenanthrene	10.98	178	525001	37.039	nq	99
71) Anthracene	11.03	178	506738	34.905	nq	98
72) Carbazole	11.19	167	504643	35.345	nq	99
73) Di-n-butylphthalate	11.53	149	694223	39.335	nq	99
74) Fluoranthene	12.16	202	491830	35.419	nq	99
76) Benzidine	12.29	184	138604	22.259	nq	# 93
77) Pyrene	12.38	202	492630	35.857	nq	99
79) Butylbenzylphthalate	13.01	149	240548	34.421	nq	# 77
80) Benzo(a)anthracene	13.57	228	364429	33.562	nq	100
81) 3,3'-Dichlorobenzidine	13.53	252	124743	30.464	nq	# 95
82) Chrysene	13.60	228	359534	33.909	nq	99
83) Bis(2-ethylhexyl)phthalate	13.58	149	322937	35.392	nq	98
84) Di-n-octyl phthalate	14.19	149	559504	33.414	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.13	276	278605	30.644	nq	98
87) Benzo(b)fluoranthene	14.56	252	325412	34.434	nq	97
88) Benzo(k)fluoranthene	14.59	252	308687	34.279	nq	97
89) Benzo(a)pyrene	14.87	252	306152	35.397	nq	99
90) Dibenzo(a,h)anthracene	16.13	278	235341	33.181	nq	96
91) Benzo(g,h,i)perylene	16.48	276	219820	29.554	nq	97

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

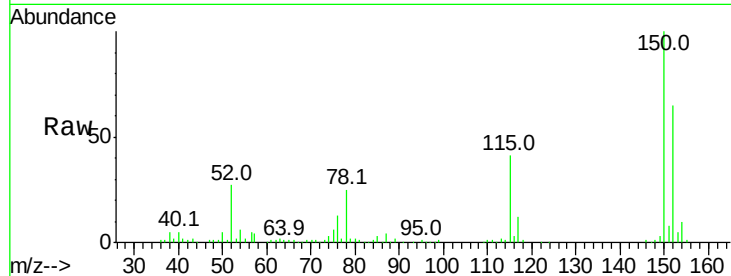


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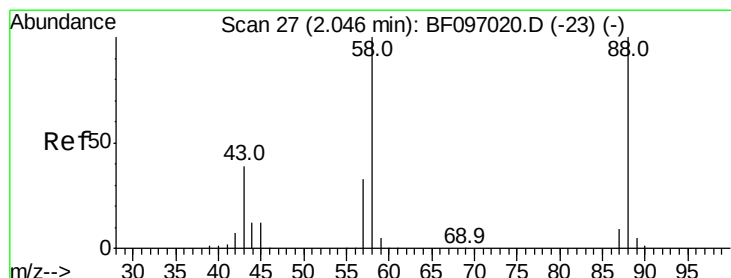
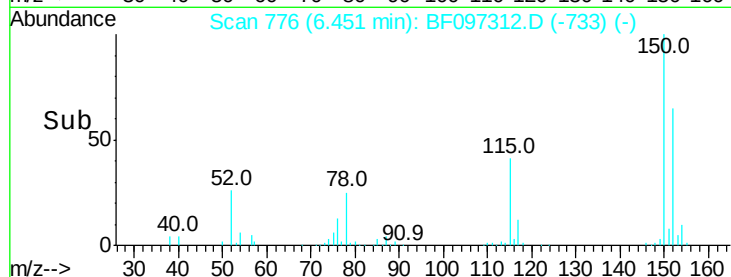
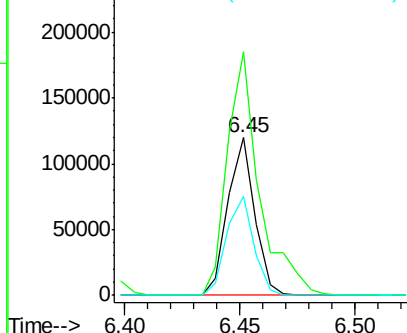
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96811
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 62.6 52.2 78.2



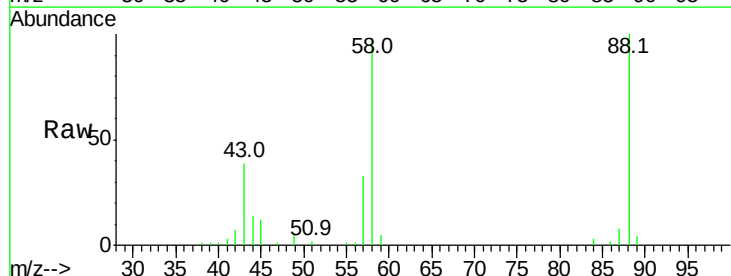
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



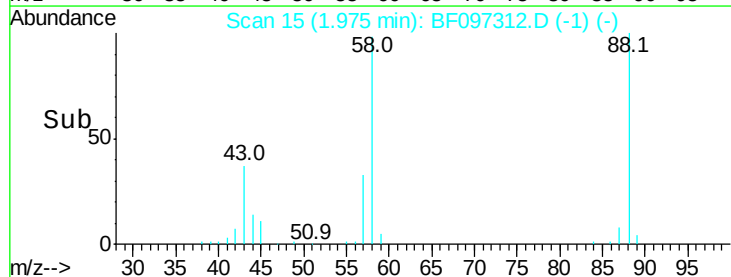
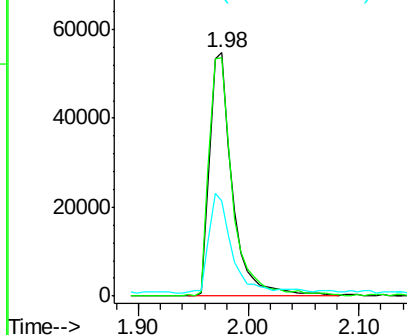
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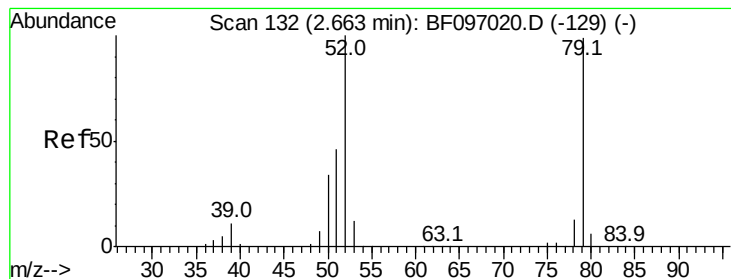
1,4-Dioxane
Concen: 28.789 ng
RT: 1.98 min Scan# 15
Delta R.T. -0.07 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Tgt Ion: 88 Resp: 77153
Ion Ratio Lower Upper
88 100
58 102.4 61.4 92.0#
43 40.3 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: 29.183 ng

RT: 2.59 min Scan# 119

Delta R.T. -0.08 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

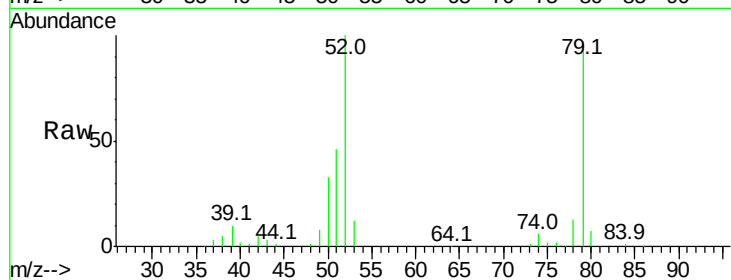
Tot Ion: 79 Resp: 239484

Ion Ratio Lower Upper

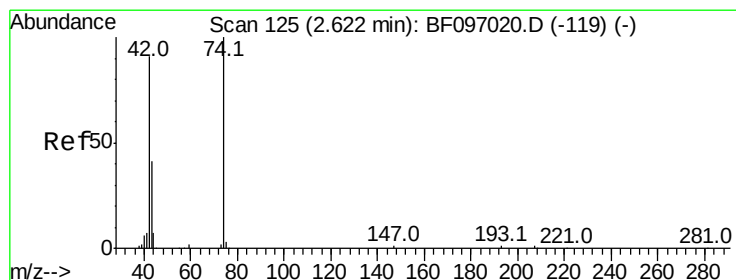
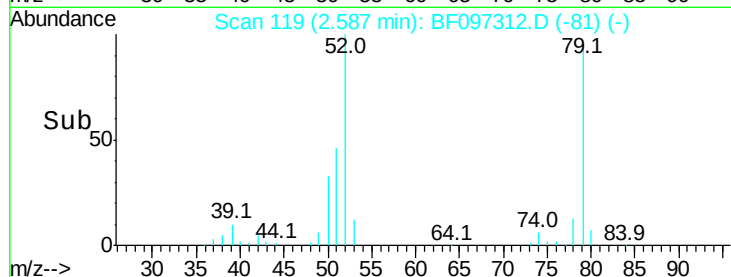
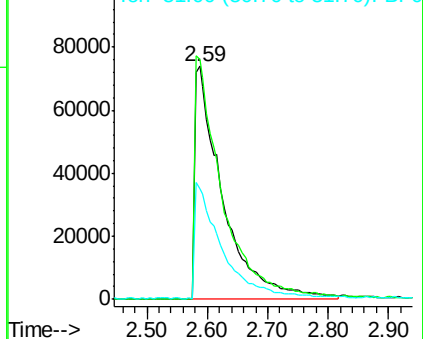
79 100

52 103.0 54.8 82.2#

51 47.3 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.515 ng

RT: 2.53 min Scan# 110

Delta R.T. -0.09 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

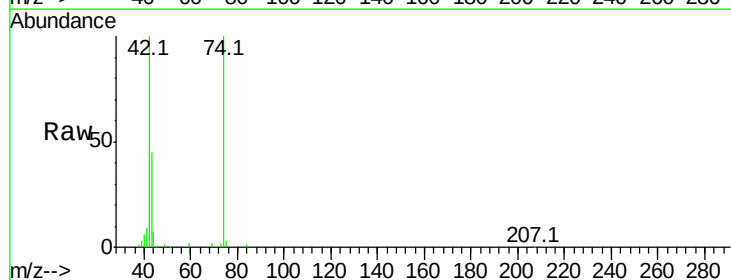
Tgt Ion: 42 Resp: 147822

Ion Ratio Lower Upper

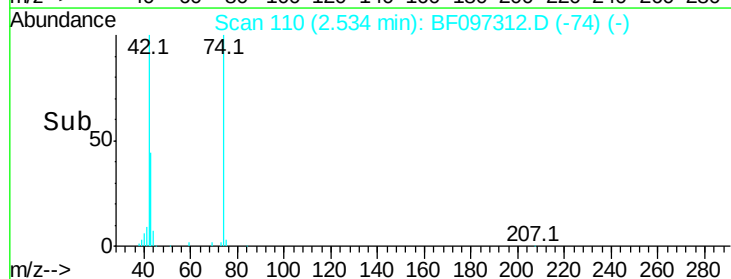
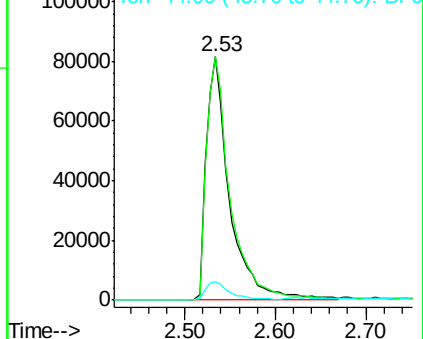
42 100

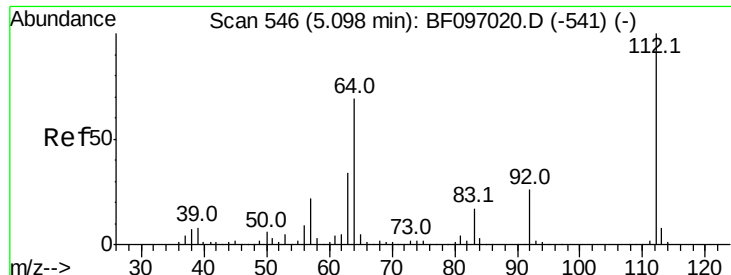
74 100.0 103.9 155.9#

44 7.4 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 109.594 ng

RT: 5.05 min Scan# 538

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampled :

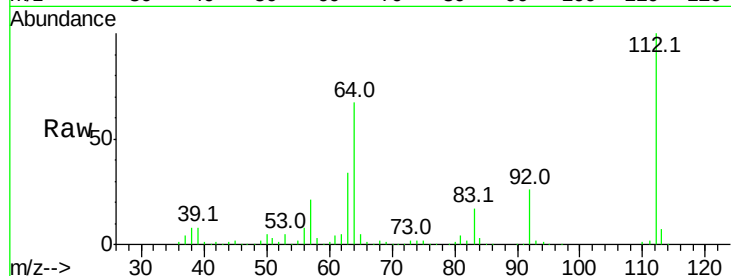
Tot Ion:112 Resp: 703815

Ion Ratio Lower Upper

112 100

64 66.8 46.0 69.0

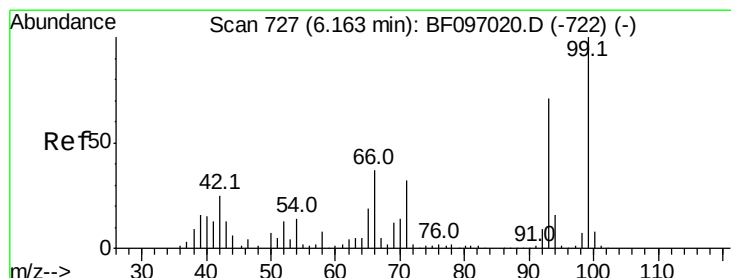
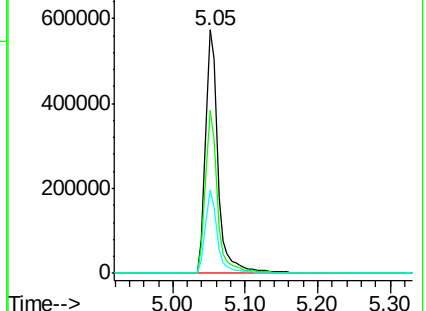
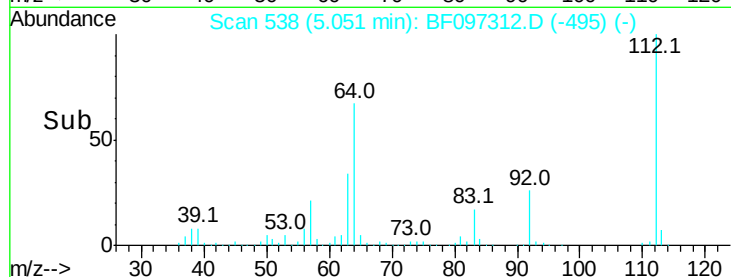
63 34.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.266 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

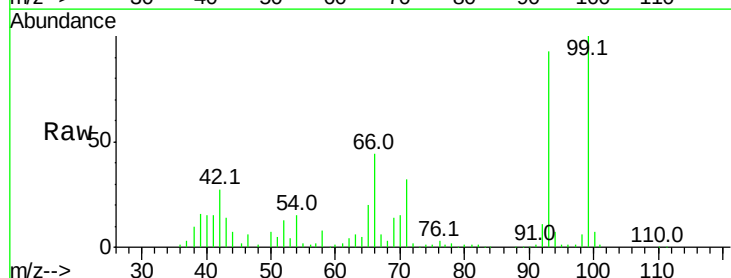
Tgt Ion: 93 Resp: 251554

Ion Ratio Lower Upper

93 100

66 47.3 32.9 49.3

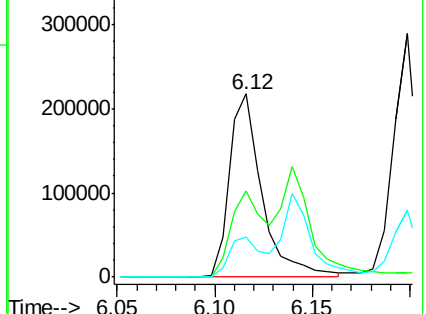
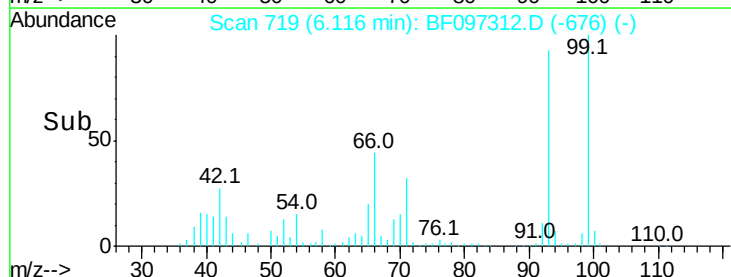
65 21.7 16.0 24.0

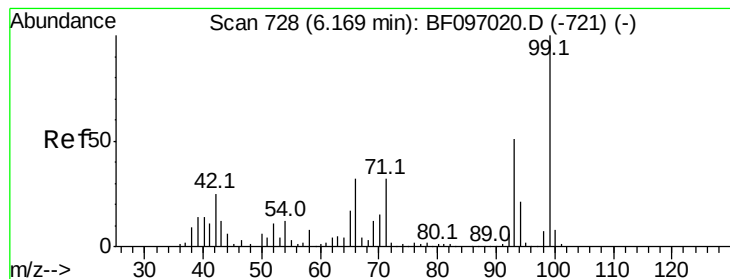


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.278 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

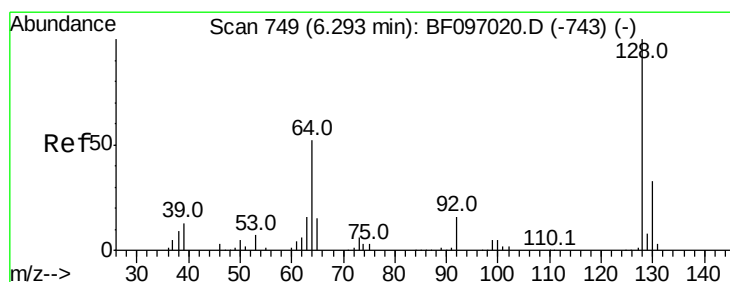
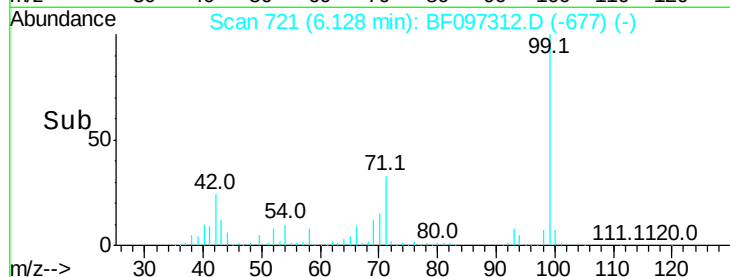
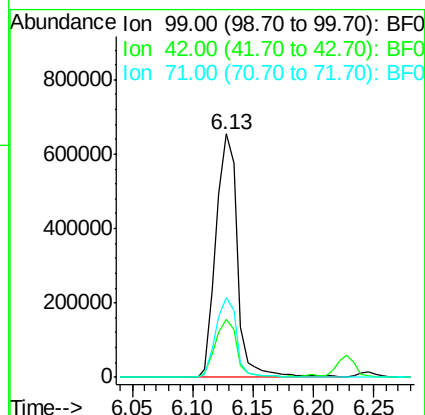
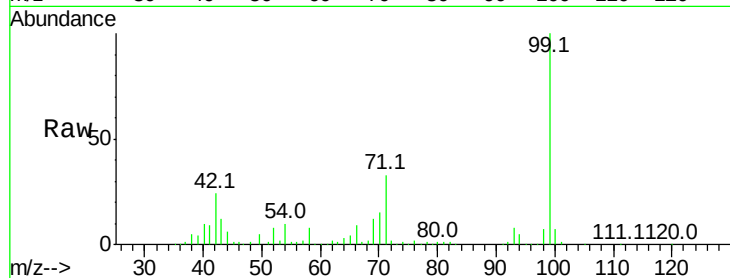
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 801171

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	32.9	24.5	36.7



#8

2-Chlorophenol

Concen: 37.887 ng

RT: 6.25 min Scan# 741

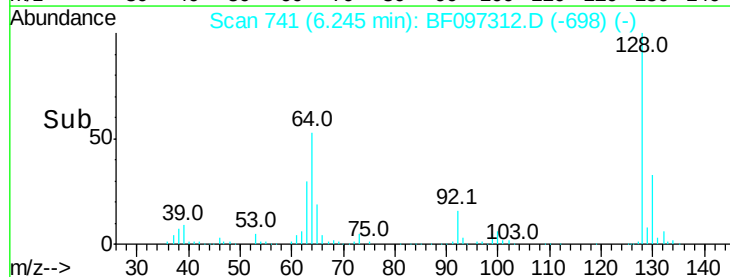
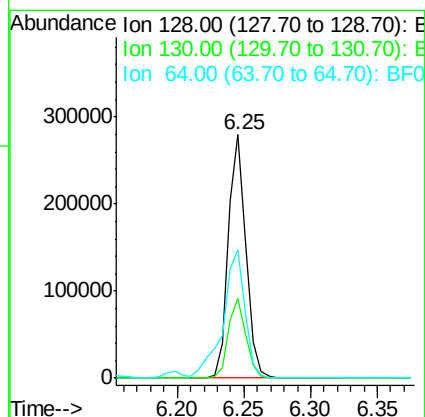
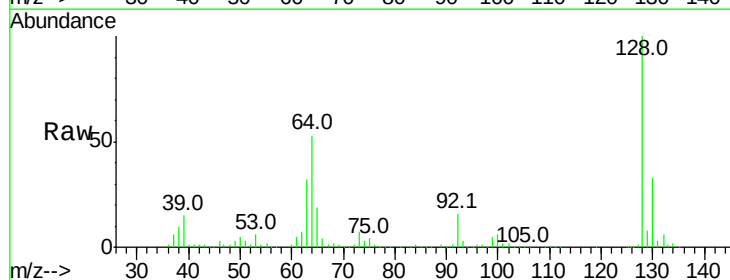
Delta R.T. -0.05 min

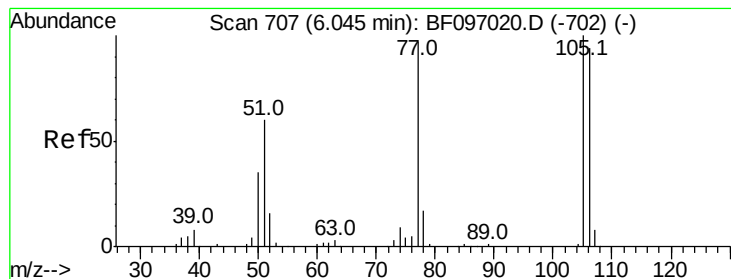
Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Tgt Ion:128 Resp: 260168

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	52.9	28.4	68.4





#9

Benzaldehyde

Concen: 41.353 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampled :

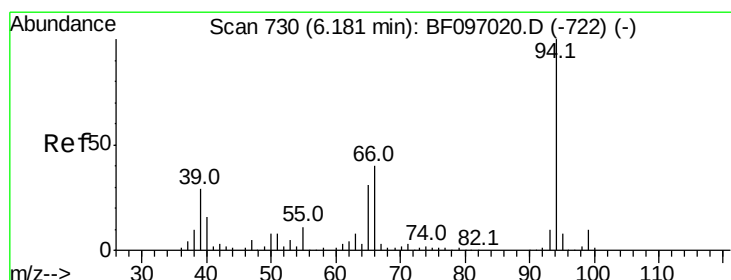
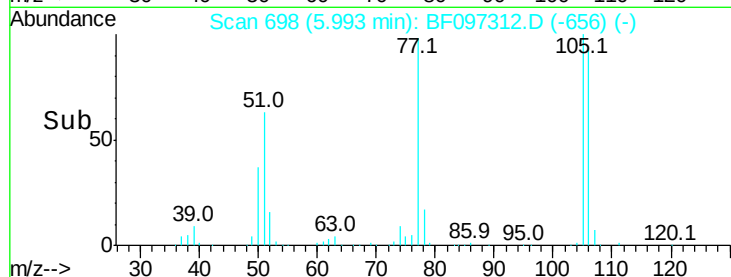
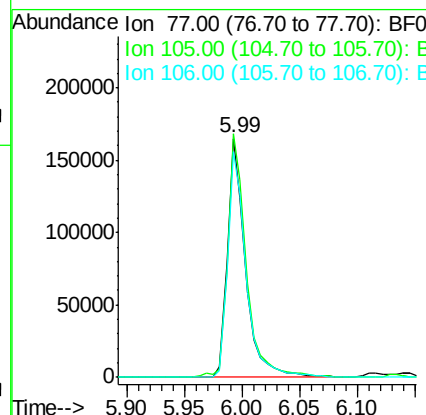
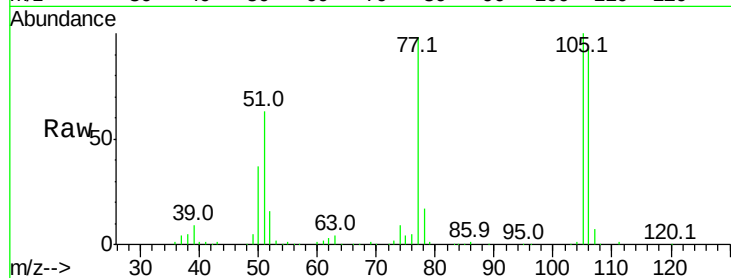
Tot Ion: 77 Resp: 179454

Ion Ratio Lower Upper

77 100

105 102.0 83.8 123.8

106 94.8 79.1 119.1



#10

Phenol

Concen: 40.990 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

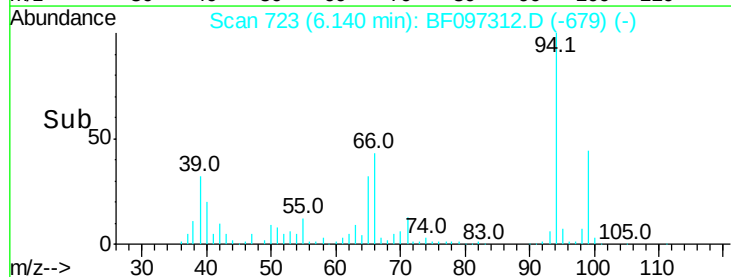
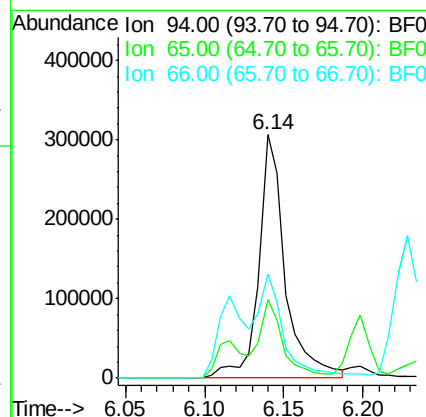
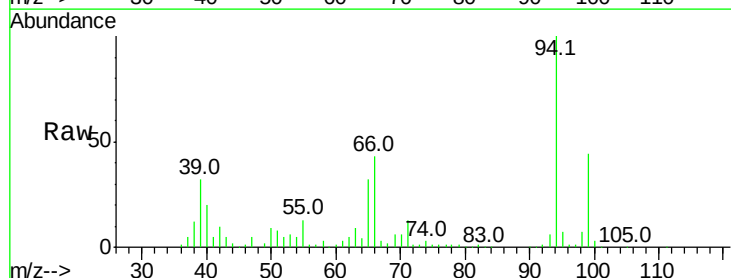
Tgt Ion: 94 Resp: 356460

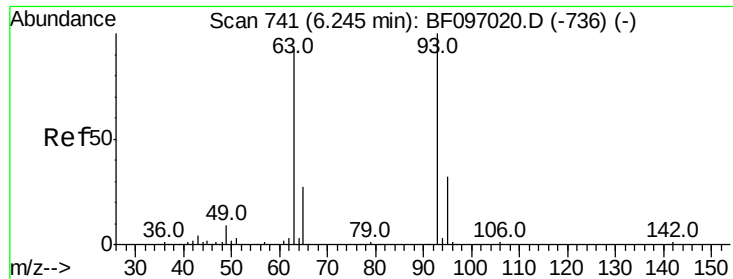
Ion Ratio Lower Upper

94 100

65 32.3 9.9 49.9

66 42.8 23.1 63.1

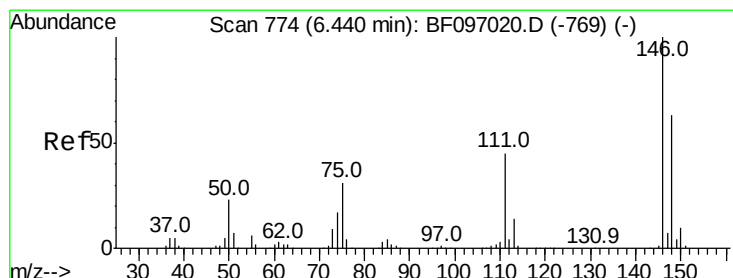
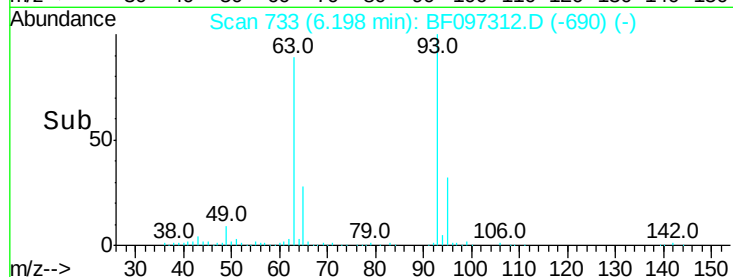
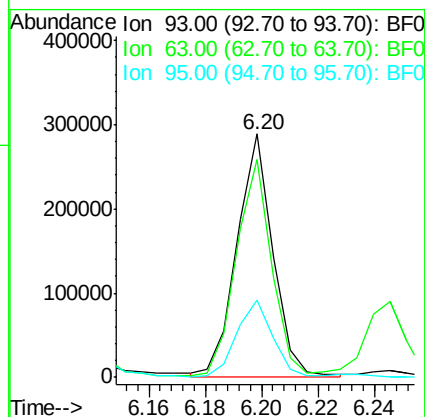
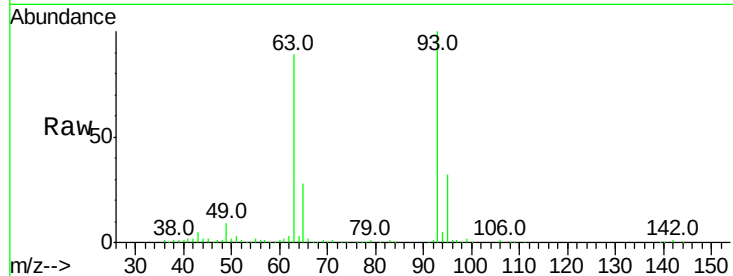




#11
bis(2-Chloroethyl)ether
Concen: 37.275 ng
RT: 6.20 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

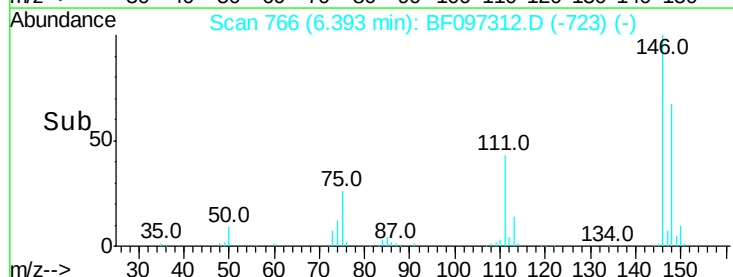
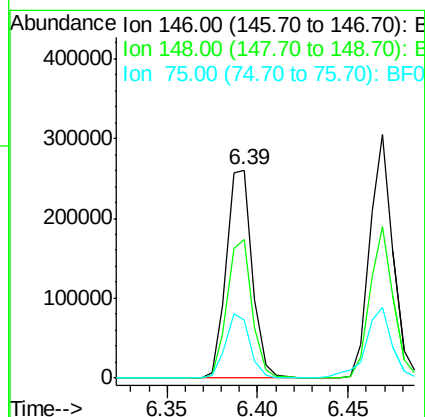
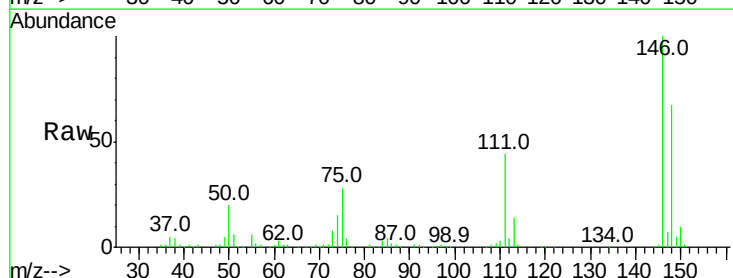
Instrument :
BNA_F
ClientSampleId :

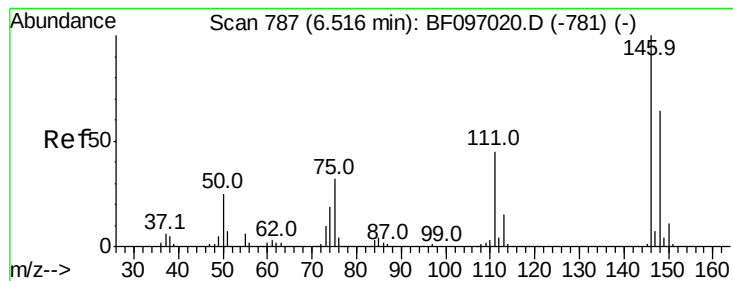
Tot Ion: 93 Resp: 256375
Ion Ratio Lower Upper
93 100
63 89.3 59.2 99.2
95 31.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.121 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Tgt Ion: 146 Resp: 259908
Ion Ratio Lower Upper
146 100
148 66.8 51.8 77.6
75 27.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 37.083 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

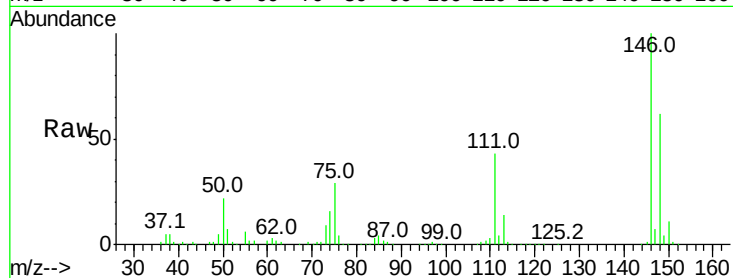
Tot Ion:146 Resp: 271959

Ion Ratio Lower Upper

146 100

148 62.1 52.2 78.2

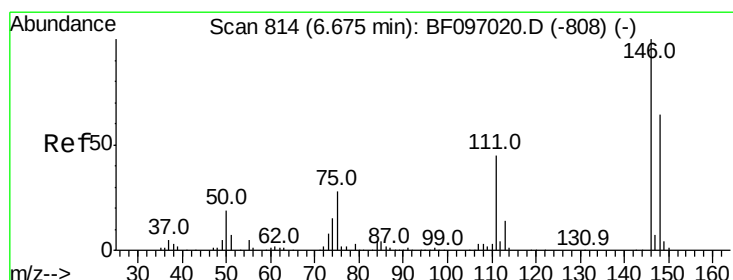
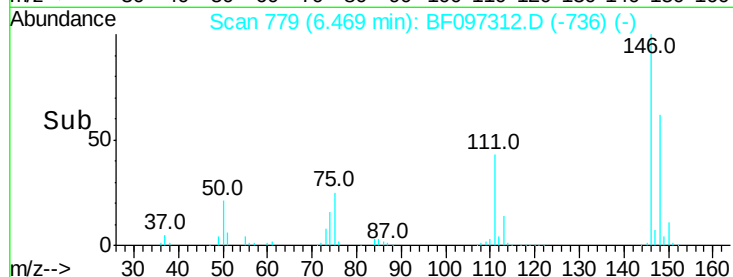
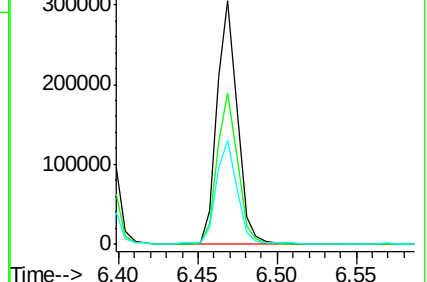
111 43.0 30.3 45.5



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: 35.437 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

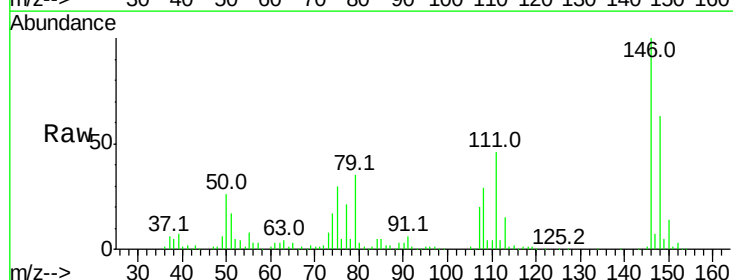
Tgt Ion:146 Resp: 226921

Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

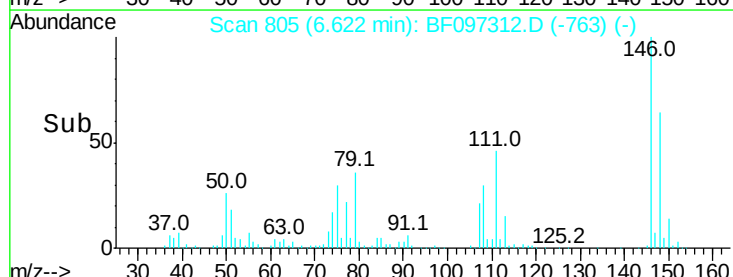
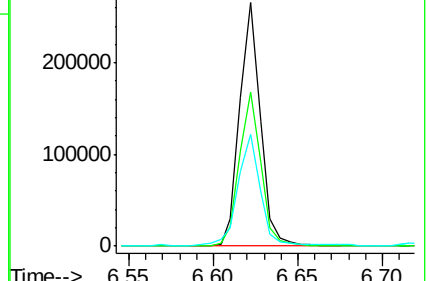
111 45.7 38.2 57.4

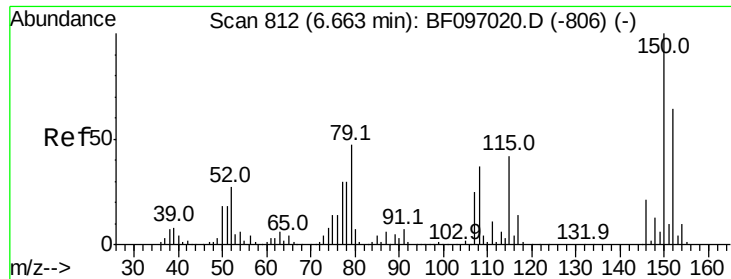


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

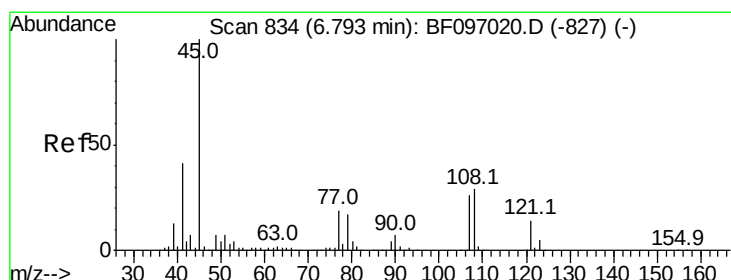
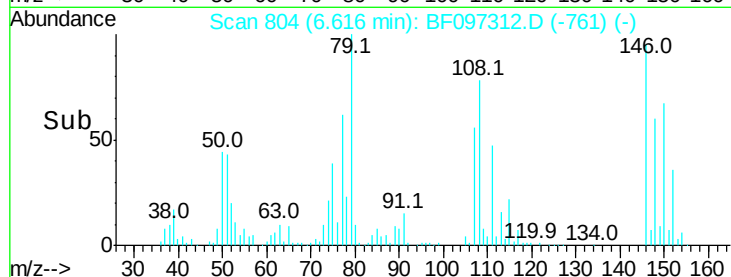
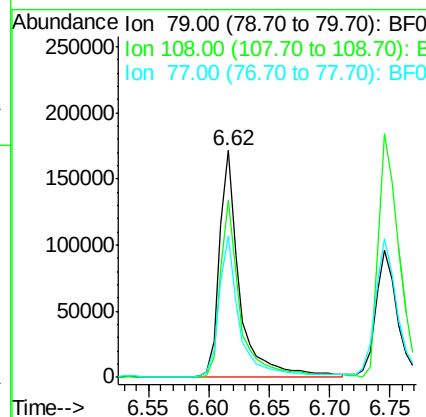
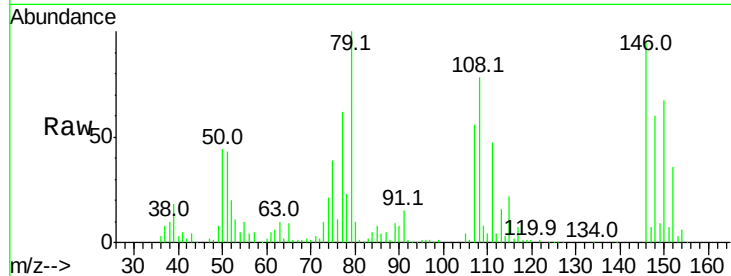




#15
Benzyl Alcohol
Concen: 42.005 ng
RT: 6.62 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

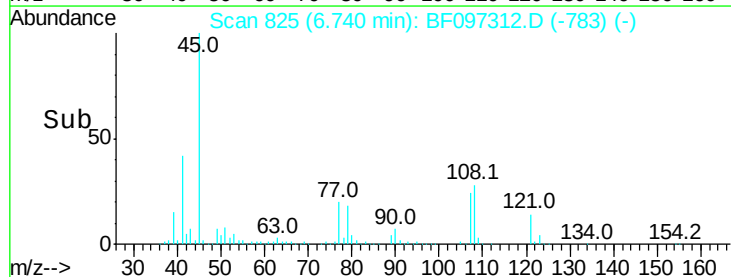
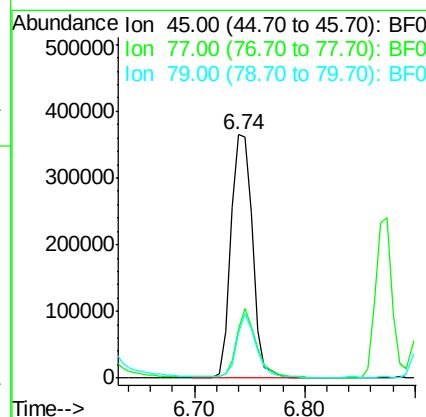
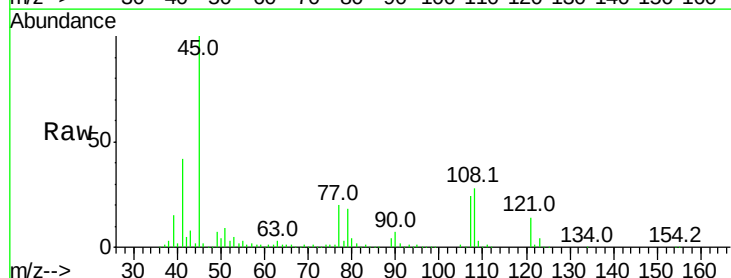
Instrument :
BNA_F
ClientSampled :

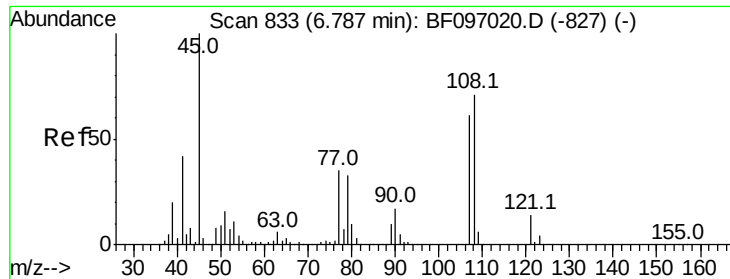
Tot Ion: 79 Resp: 194975
Ion Ratio Lower Upper
79 100
108 77.9 63.4 95.0
77 62.3 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.325 ng
RT: 6.74 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Tgt Ion: 45 Resp: 501111
Ion Ratio Lower Upper
45 100
77 20.2 0.0 33.2
79 18.4 0.0 30.0

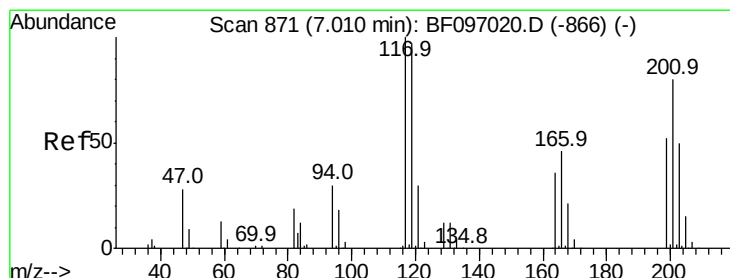
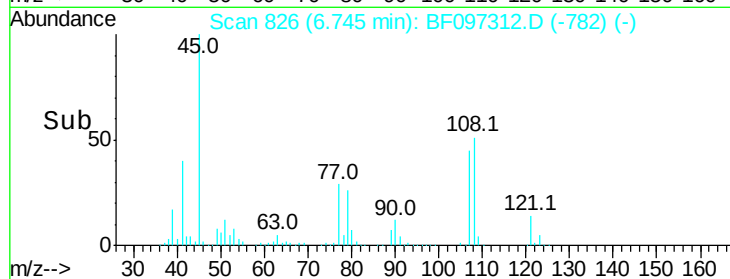
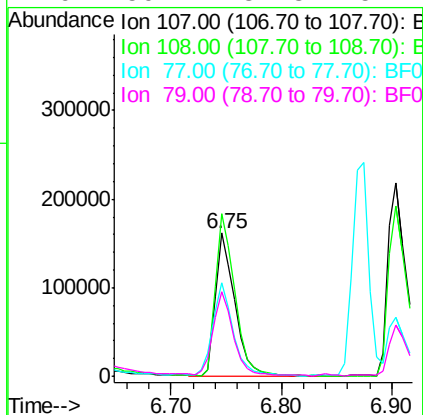
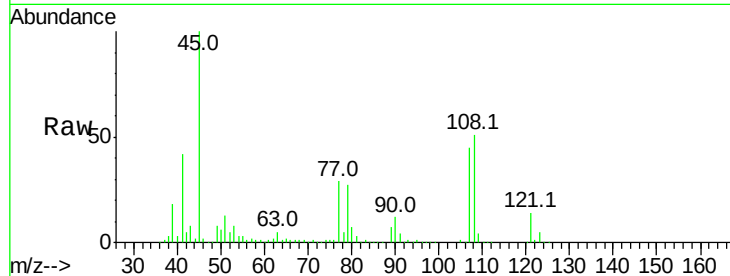




#17
2-Methylphenol
Concen: 37.128 ng
RT: 6.75 min Scan# 826
Delta R.T. -0.04 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

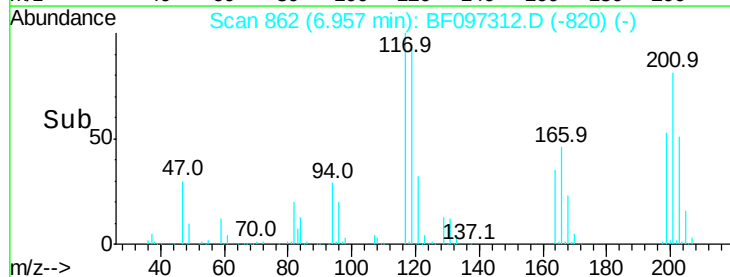
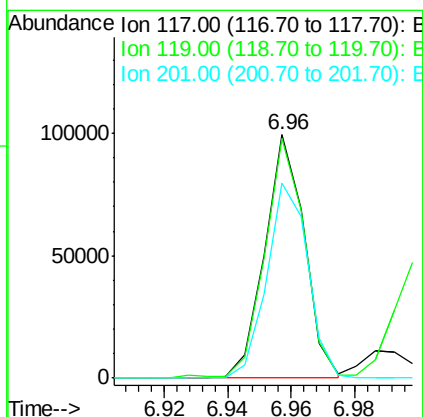
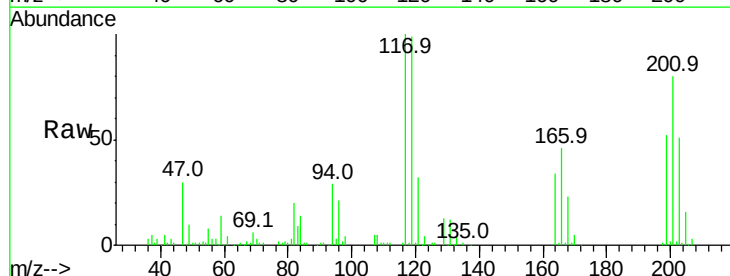
Instrument :
BNA_F
ClientSampleId :

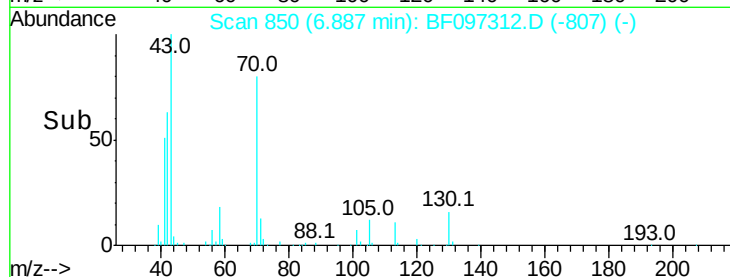
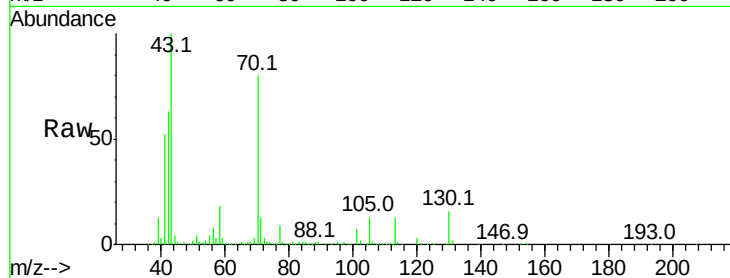
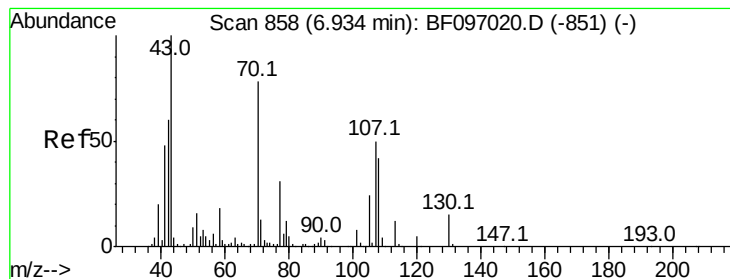
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.4	140.0
77	64.9	35.8	53.6#
79	59.4	34.8	52.2#



#18
Hexachloroethane
Concen: 32.118 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.4	116.0
201	80.1	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 36.666 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 176943

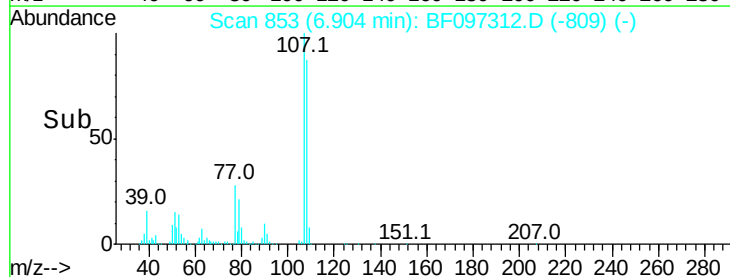
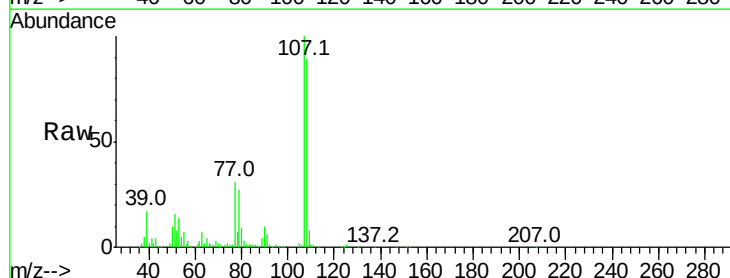
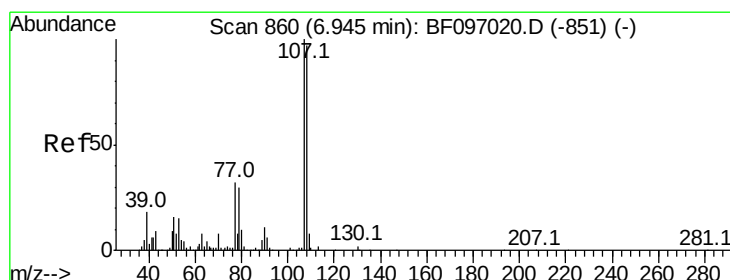
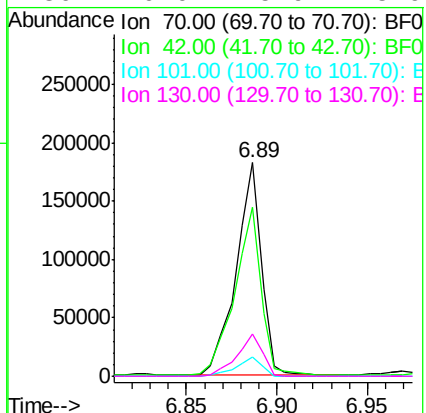
Ion Ratio Lower Upper

70 100

42 78.8 47.2 70.8#

101 9.2 7.2 10.8

130 20.0 15.9 23.9



#20

3+4-Methylphenols

Concen: 40.326 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.04 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Tgt Ion:107 Resp: 279137

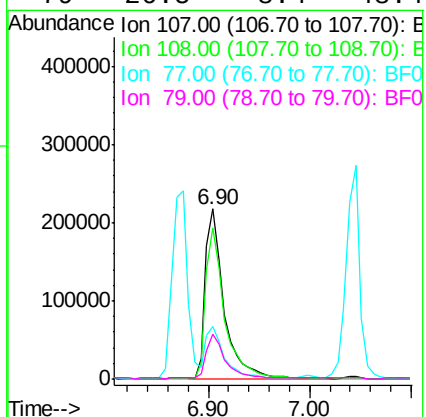
Ion Ratio Lower Upper

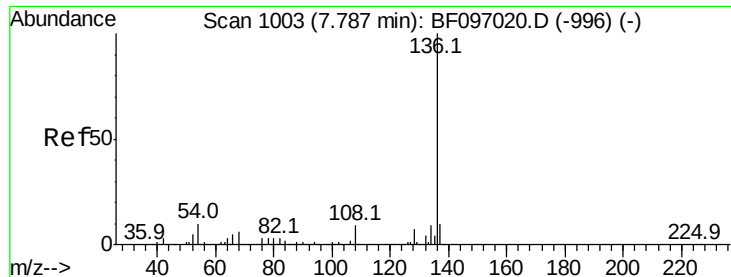
107 100

108 88.6 71.0 111.0

77 30.9 90.5 130.5#

79 26.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

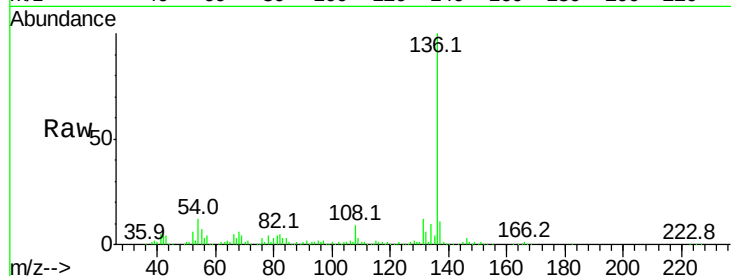
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 395426

Ion Ratio Lower Upper

136	100		
137	11.2	8.5	12.7
54	11.7	4.9	7.3#
68	6.0	4.1	6.1

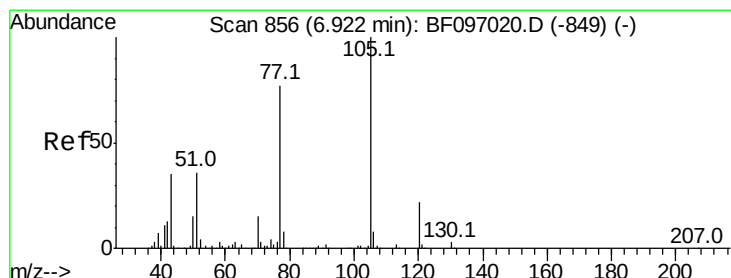
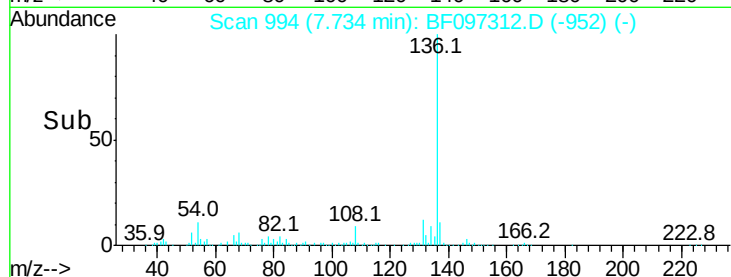
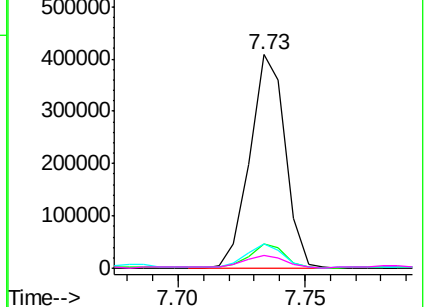


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.350 ng

RT: 6.87 min Scan# 848

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Tgt Ion:105 Resp: 345177

Ion Ratio Lower Upper

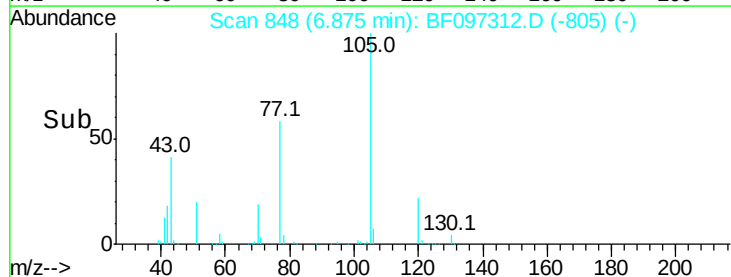
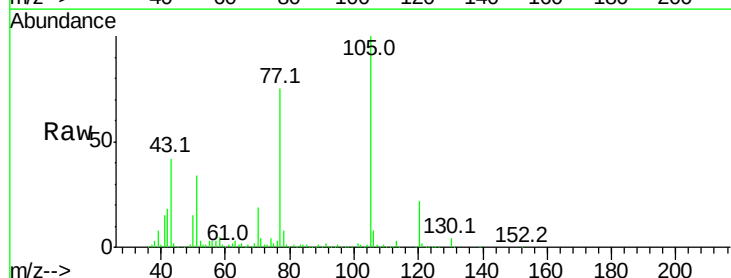
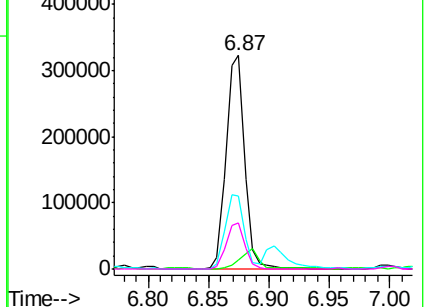
105	100		
71	3.9	2.8	4.2
51	34.5	30.7	46.1
120	21.8	17.4	26.0

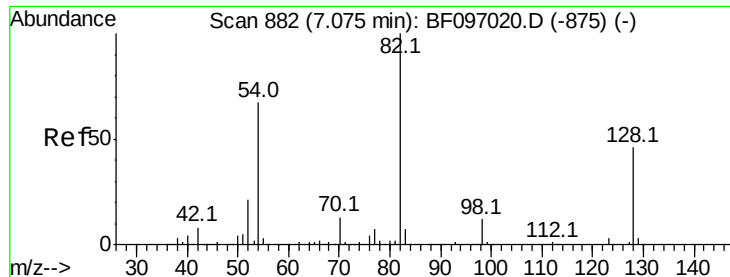
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

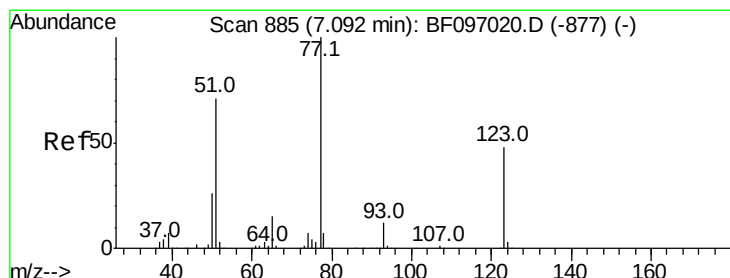
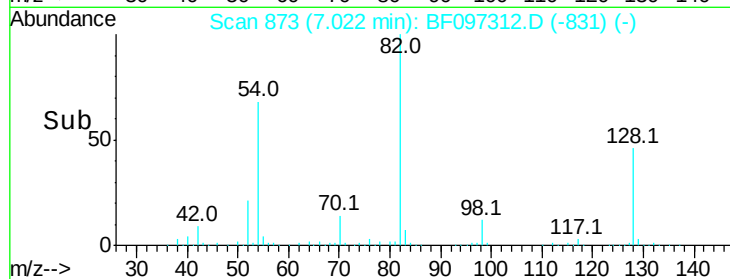
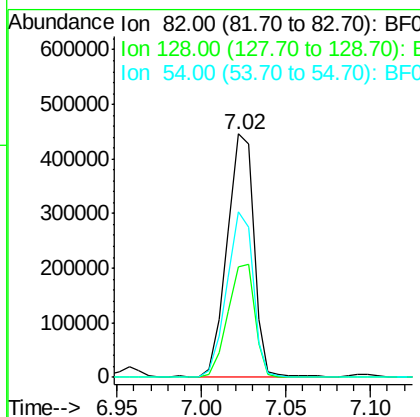
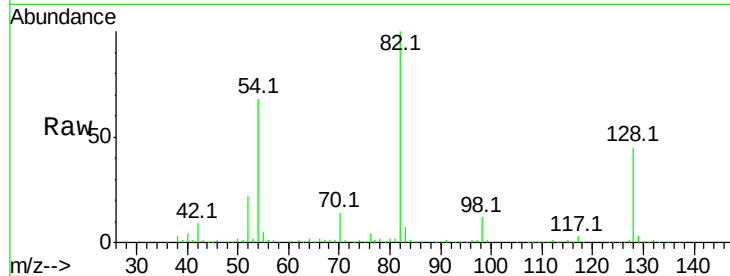




#23
 Nitrobenzene-d5
 Concen: 72.312 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

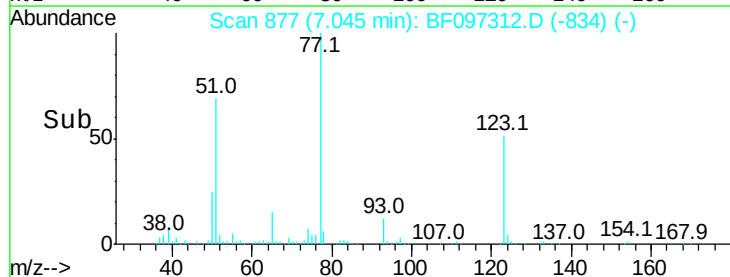
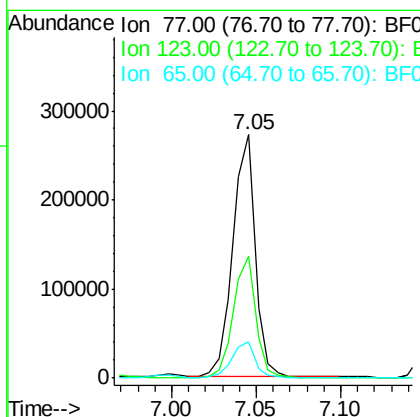
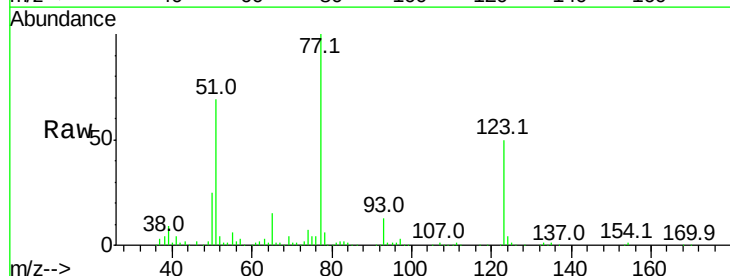
Instrument :
 BNA_F
 ClientSampleId :

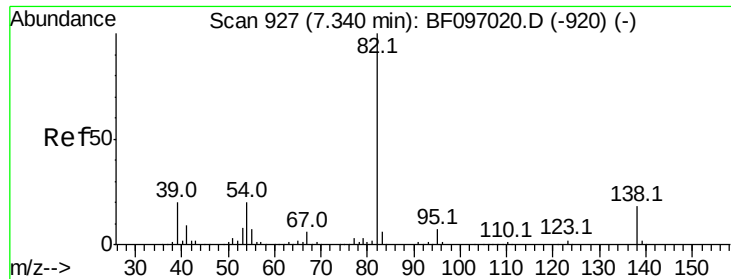
Tot Ion	82	Resp	487418
Ion Ratio	100	Lower	Upper
128	45.5	34.0	51.0
54	68.0	42.2	63.2#



#24
 Nitrobenzene
 Concen: 35.681 ng
 RT: 7.05 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Tgt Ion	77	Resp	250482
Ion Ratio	100	Lower	Upper
123	50.2	35.8	53.8
65	14.8	10.6	15.8





#25

Isophorone

Concen: 38.388 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

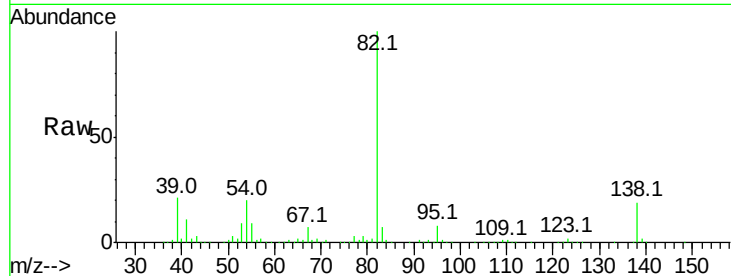
Tot Ion: 82 Resp: 506741

Ion Ratio Lower Upper

82 100

95 7.6 5.3 7.9

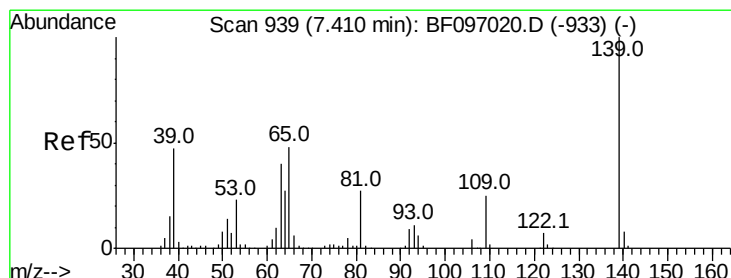
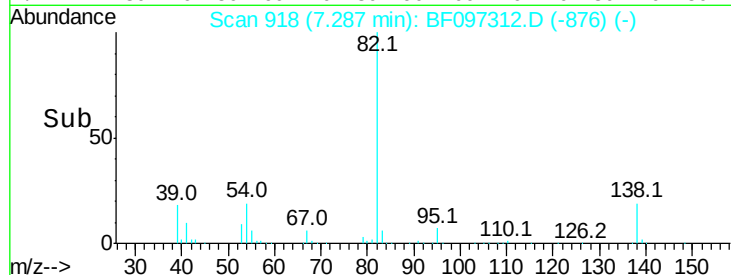
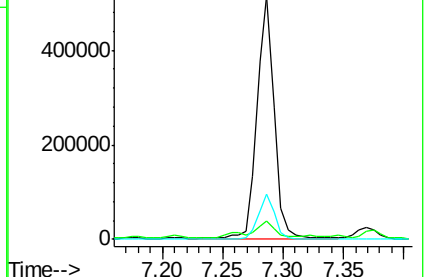
138 18.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.957 ng

RT: 7.36 min Scan# 931

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

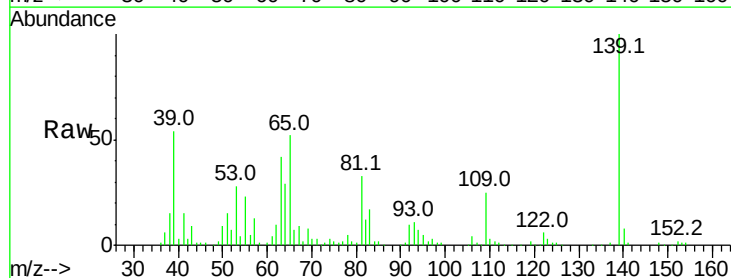
Tgt Ion: 139 Resp: 144161

Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

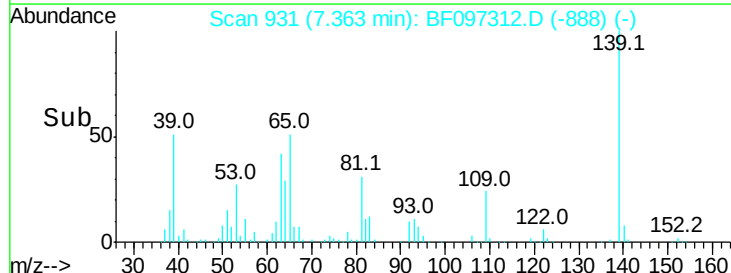
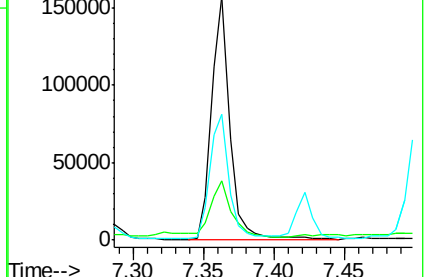
65 51.9 33.0 49.6#

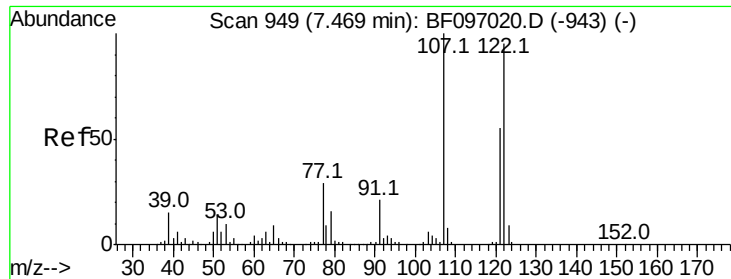


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.649 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

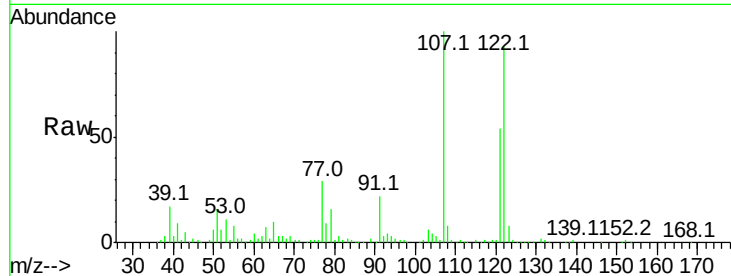
Tot Ion:122 Resp: 229610

Ion Ratio Lower Upper

122 100

107 108.0 89.2 133.8

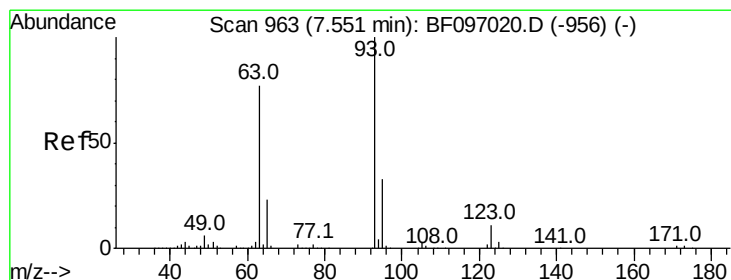
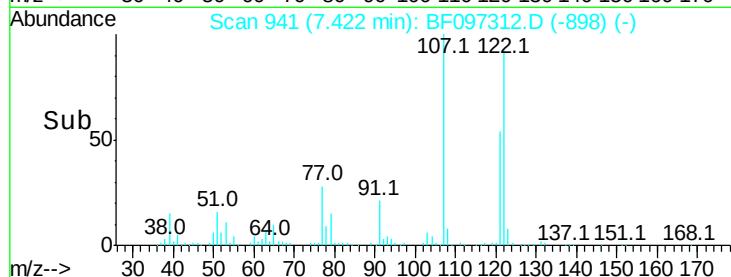
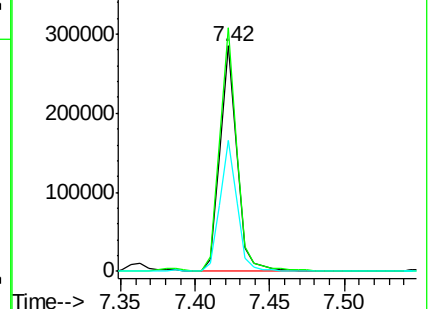
121 58.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.101 ng

RT: 7.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

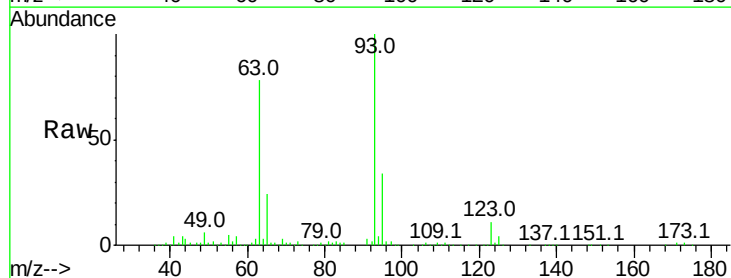
Tgt Ion: 93 Resp: 336831

Ion Ratio Lower Upper

93 100

95 33.8 26.5 39.7

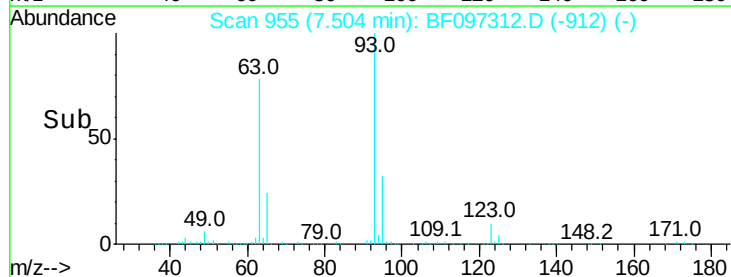
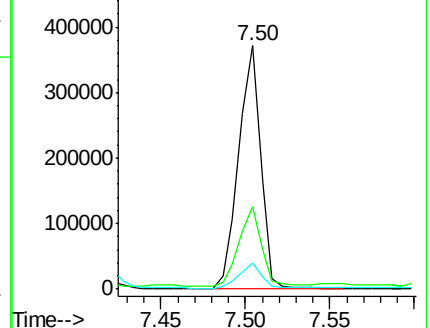
123 10.6 9.0 13.4

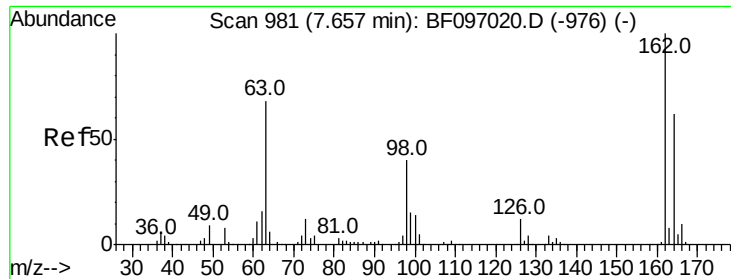


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

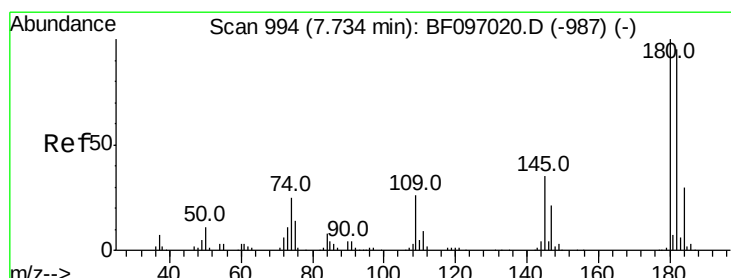
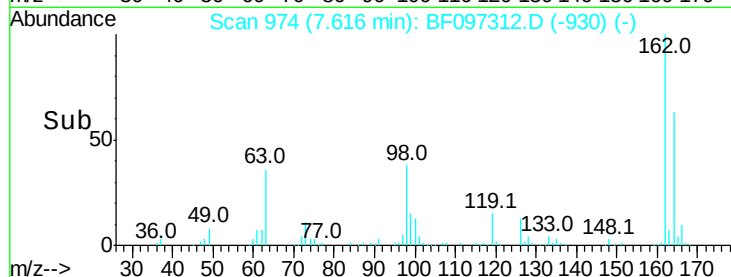
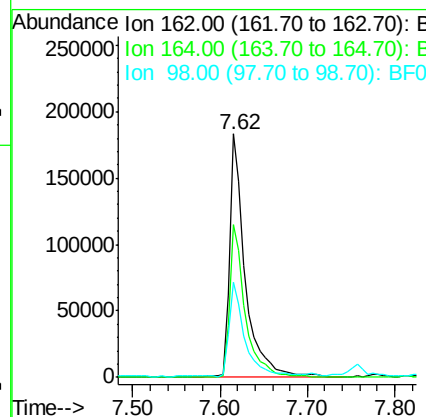
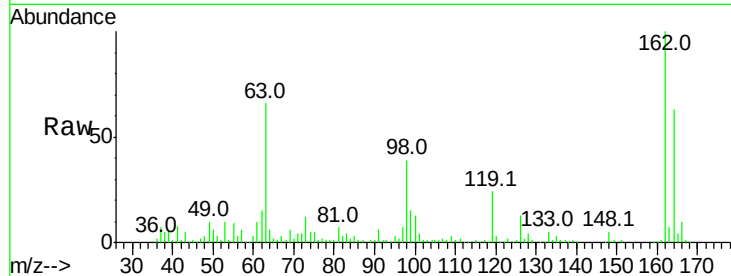




#29
 2,4-Dichlorophenol
 Concen: 41.718 ng
 RT: 7.62 min Scan# 974
 Delta R.T. -0.04 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

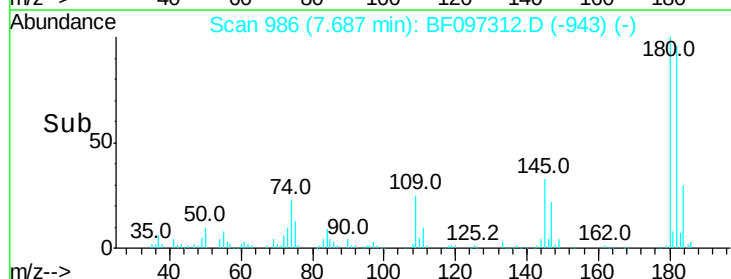
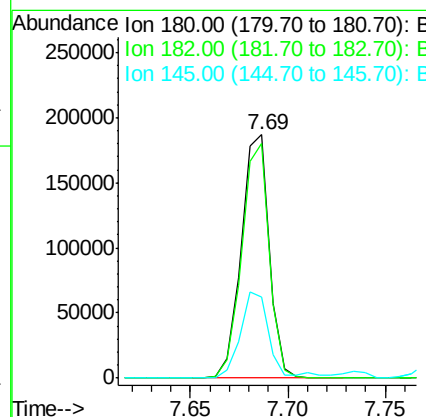
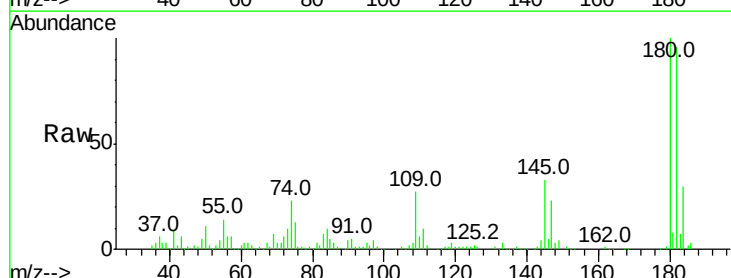
Instrument :
 BNA_F
 ClientSampleId :

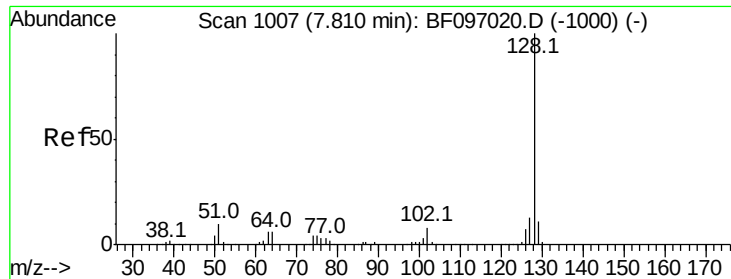
Tot Ion:	162	Resp:	225166
Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	39.1	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 36.097 ng
 RT: 7.69 min Scan# 986
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Tgt Ion:	180	Resp:	185704
Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.6
145	33.3	25.3	37.9

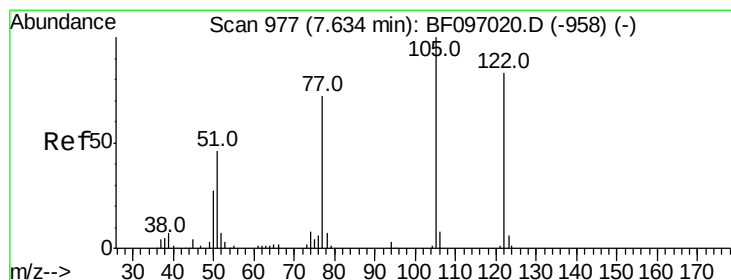
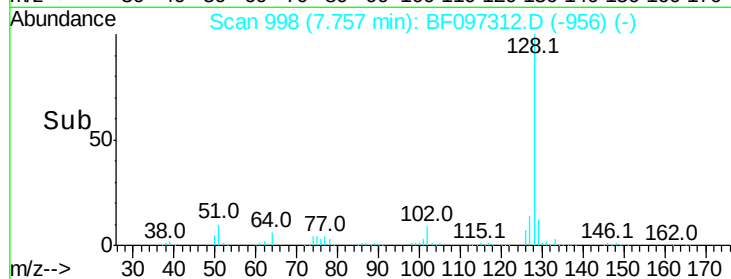
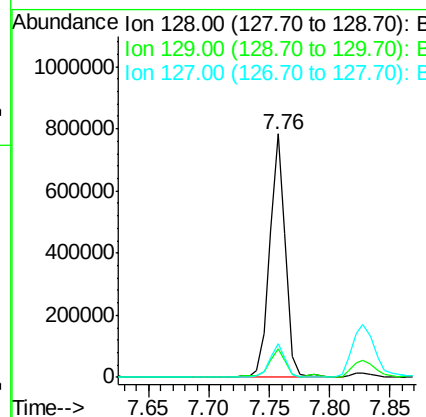
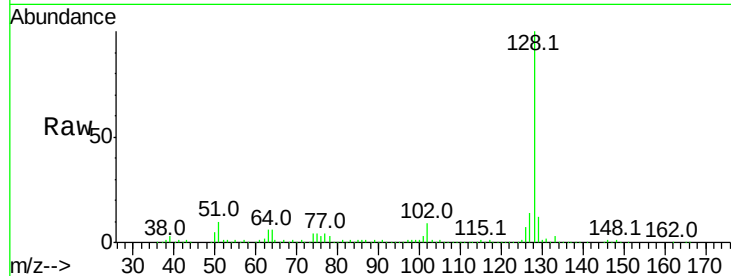




#31
Naphthalene
Concen: 37.981 ng
RT: 7.76 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

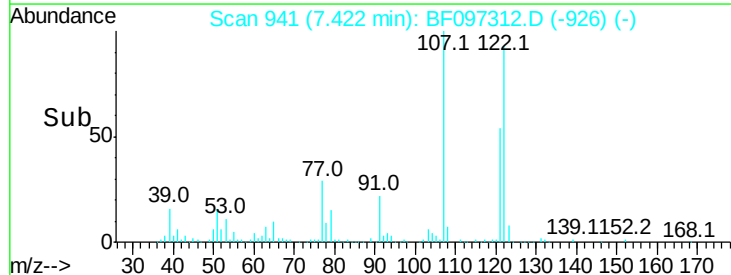
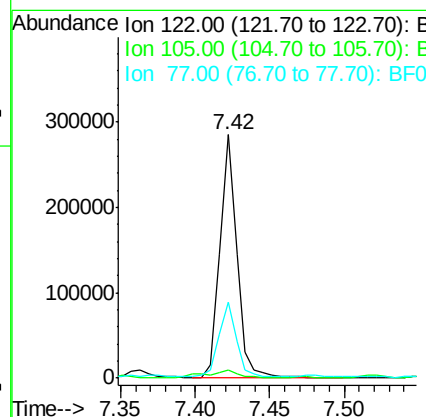
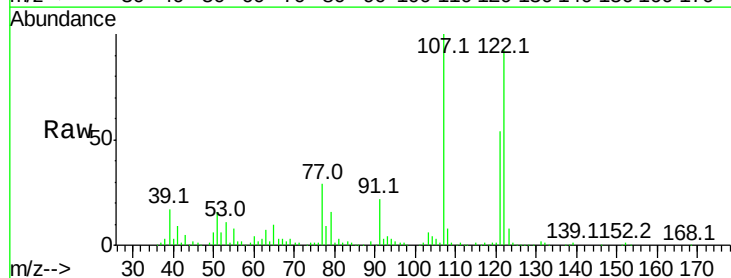
Instrument :
BNA_F
ClientSampleId :

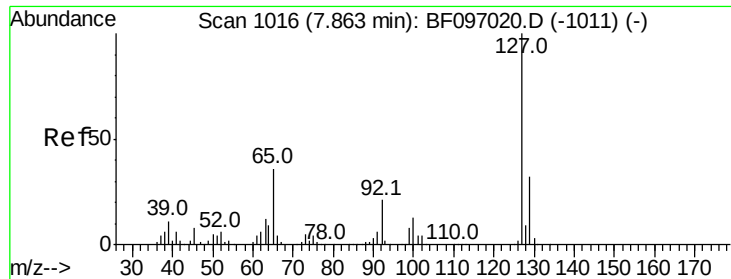
Tot Ion:128 Resp: 707964
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 49.080 ng
RT: 7.42 min Scan# 941
Delta R.T. -0.21 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Tgt Ion:122 Resp: 229610
Ion Ratio Lower Upper
122 100
105 3.5 103.3 143.3#
77 31.4 73.7 113.7#

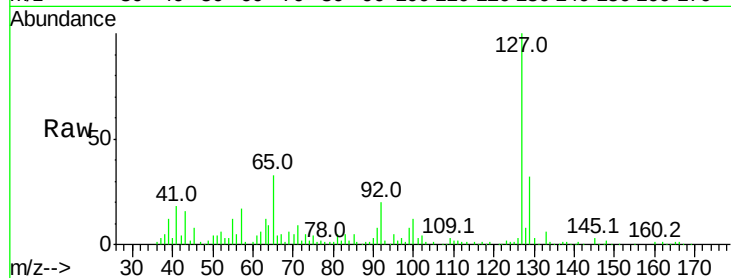




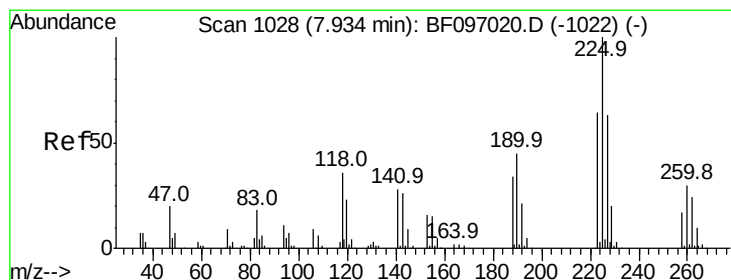
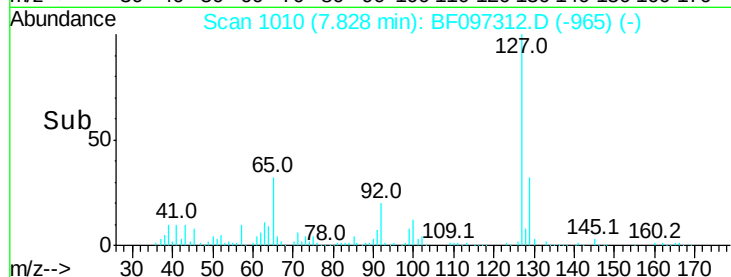
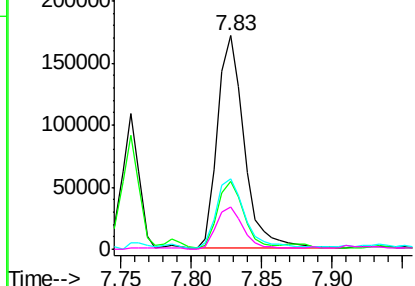
#33
4-Chloroaniline
Concen: 29.703 ng
RT: 7.83 min Scan# 1010
Delta R.T. -0.04 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	225280
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	33.1	27.8	41.8
92	20.0	16.8	25.2

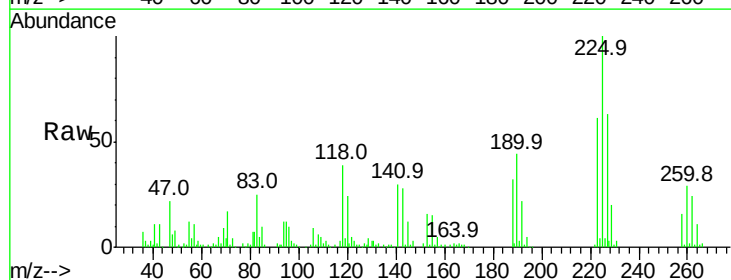


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

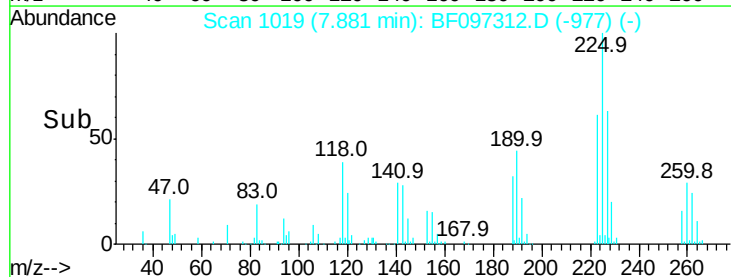
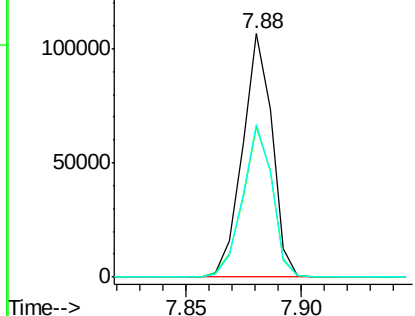


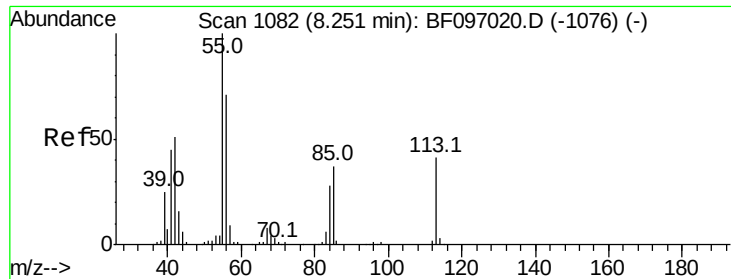
#34
Hexachlorobutadiene
Concen: 35.036 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Tgt Ion:	225	Resp:	95556
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.8	73.2
227	62.9	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: 26.823 ng

RT: 8.19 min Scan# 1071

Delta R.T. -0.06 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampled :

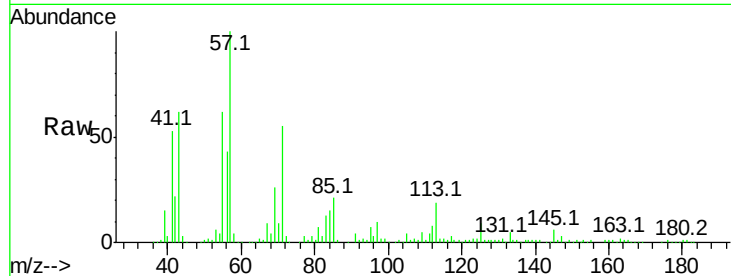
Tot Ion:113 Resp: 46422

Ion Ratio Lower Upper

113 100

55 320.7 150.2 190.2#

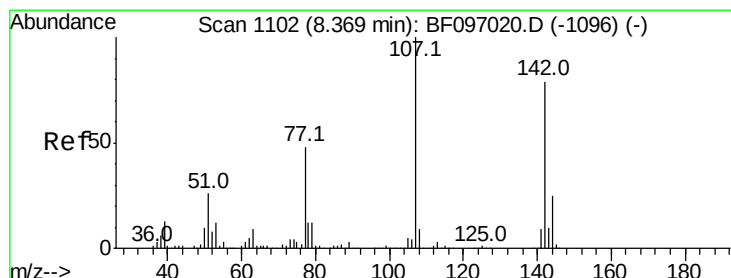
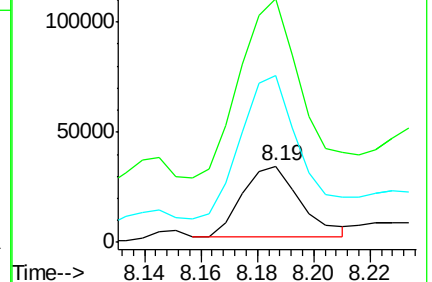
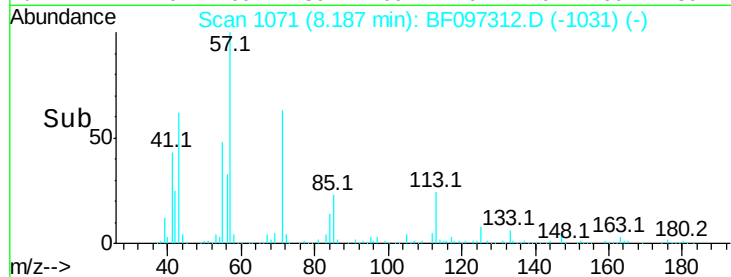
56 219.6 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.607 ng

RT: 8.33 min Scan# 1095

Delta R.T. -0.04 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

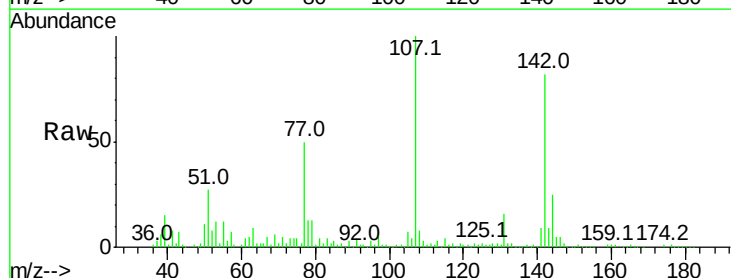
Tgt Ion:107 Resp: 203776

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

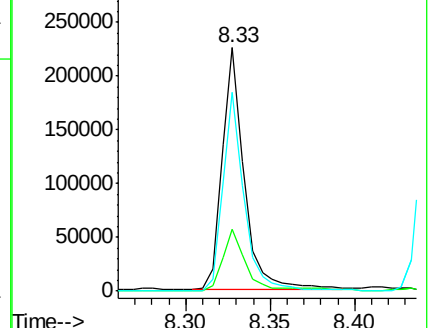
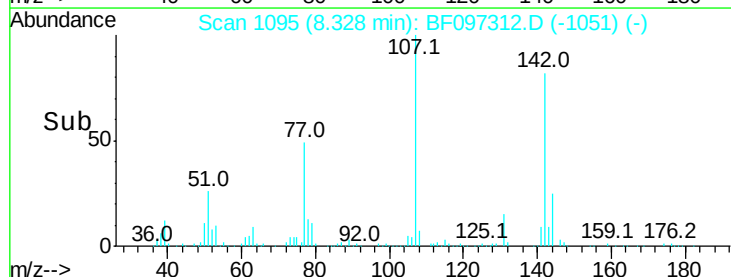
142 81.9 73.4 110.0

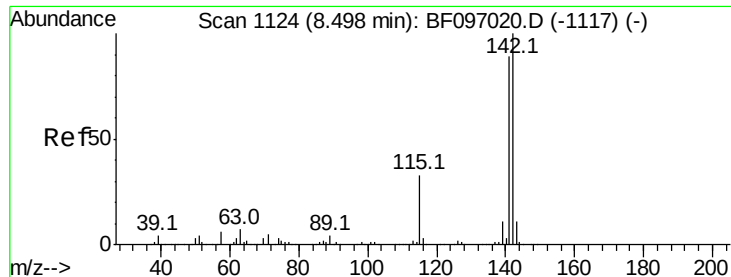


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

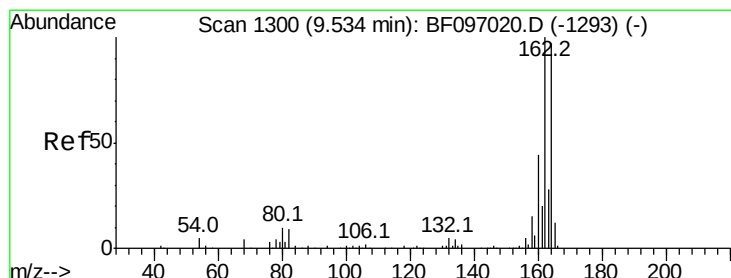
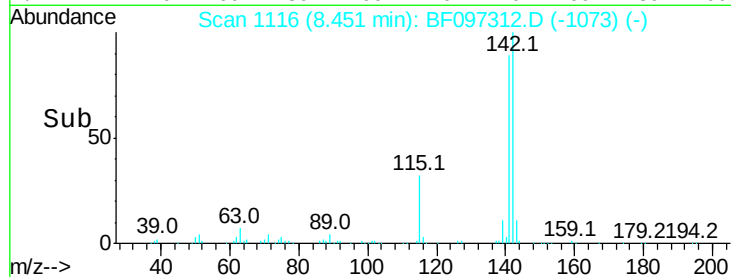
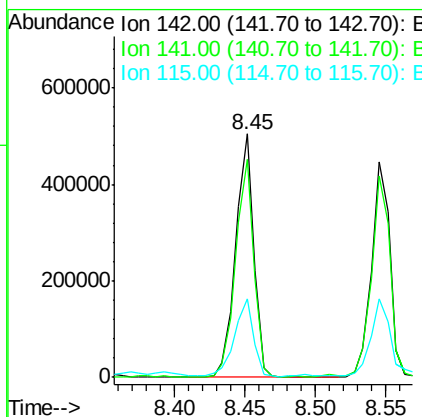
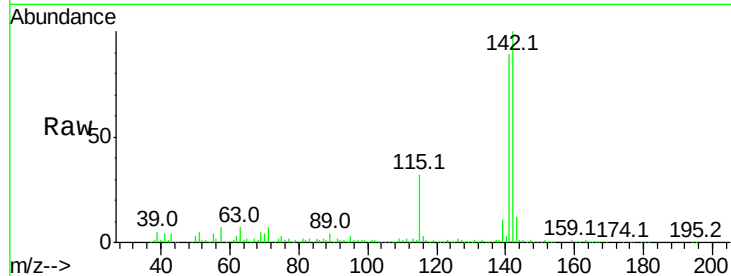




#37
 2-Methylnaphthalene
 Concen: 38.192 ng
 RT: 8.45 min Scan# 1116
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

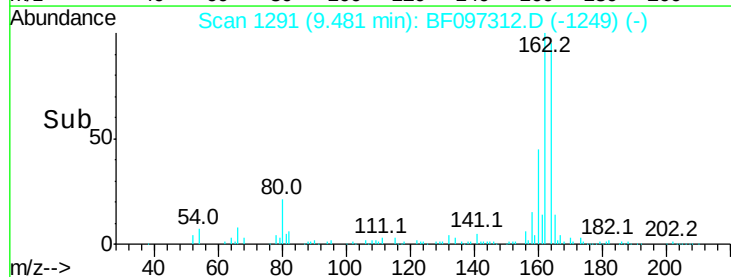
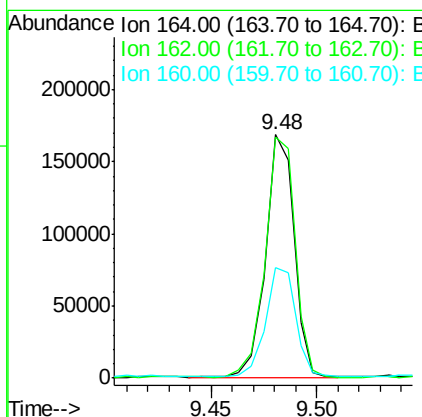
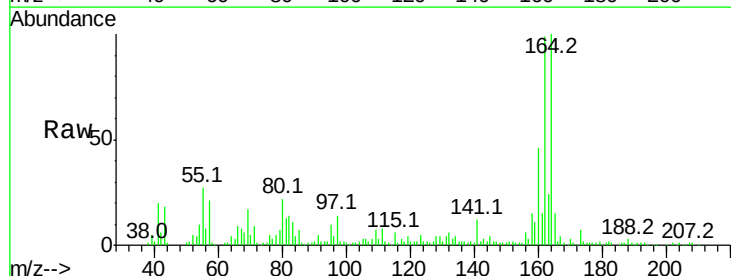
Instrument :
 BNA_F
 ClientSampleId :

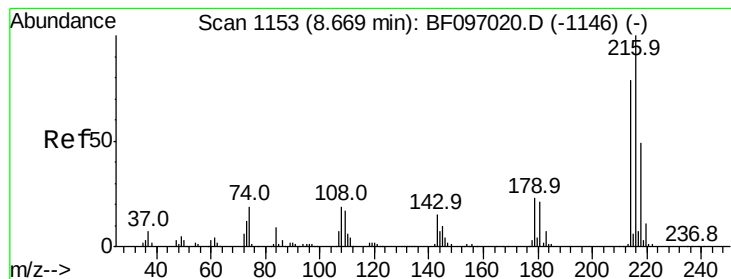
Tot Ion:142 Resp: 450734
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.3 106.9
 115 32.5 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Tgt Ion:164 Resp: 157711
 Ion Ratio Lower Upper
 164 100
 162 98.8 82.6 123.8
 160 45.6 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.684 ng

RT: 8.62 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 171203

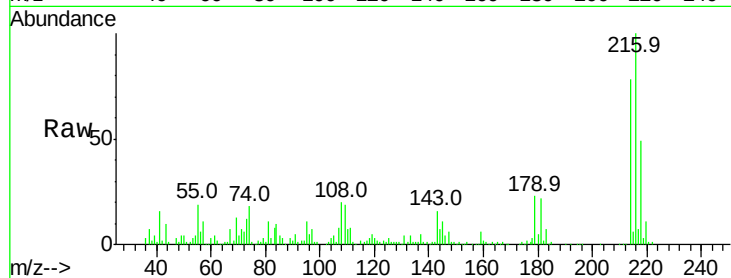
Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.2

179 24.1 17.9 26.9

108 21.2 16.5 24.7

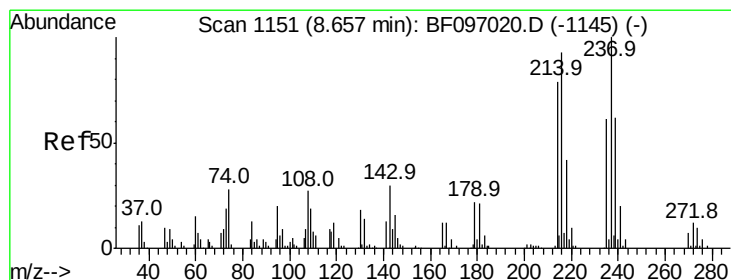
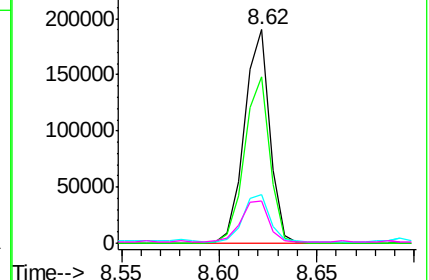
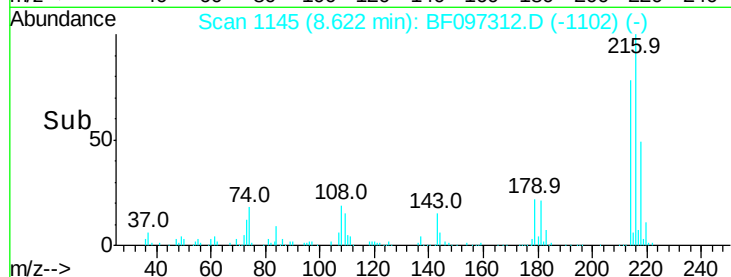


Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.831 ng

RT: 8.60 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

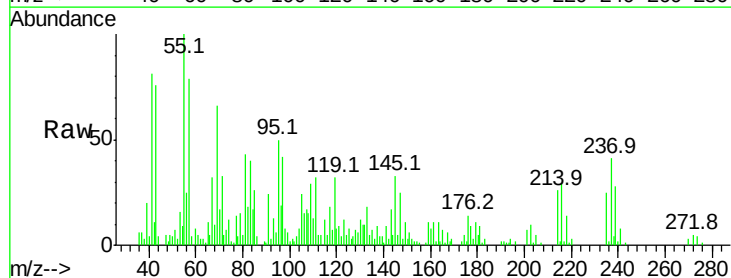
Tgt Ion:237 Resp: 10006

Ion Ratio Lower Upper

237 100

235 61.2 42.6 82.6

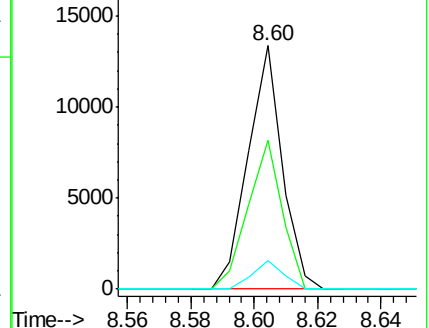
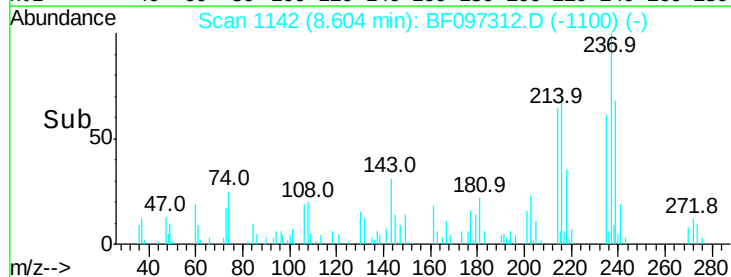
272 11.9 0.0 31.9

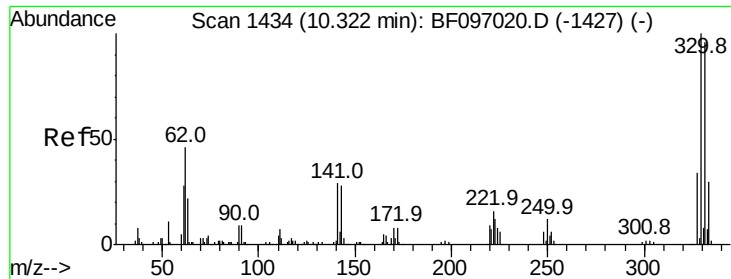


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

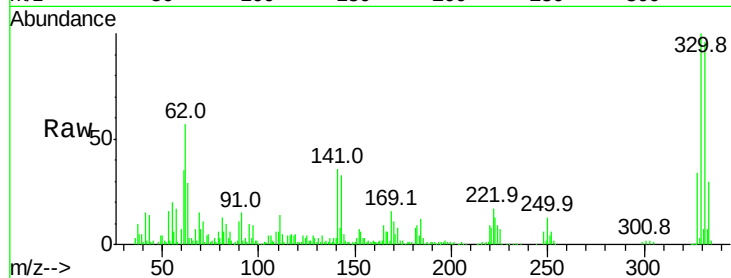




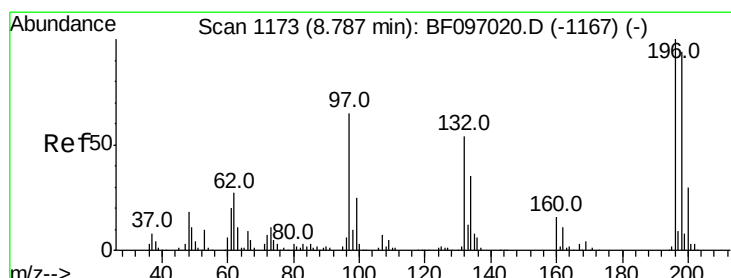
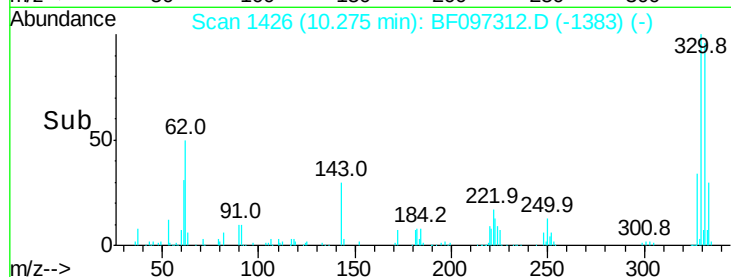
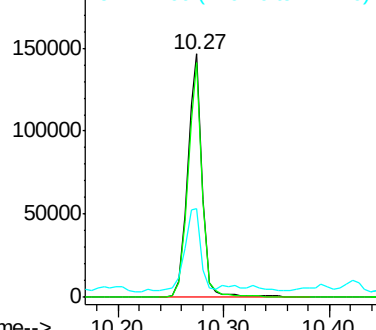
#41
 2,4,6-Tribromophenol
 Concen: 114.874 ng
 RT: 10.27 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	38.8	31.4	47.2

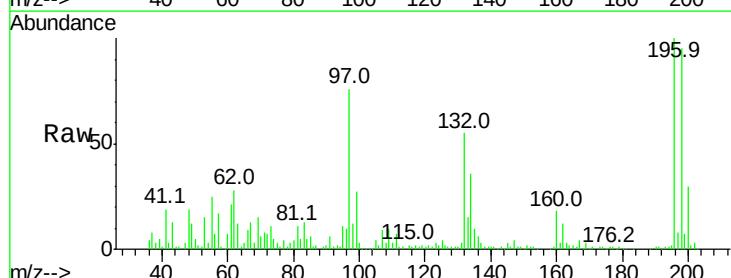


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

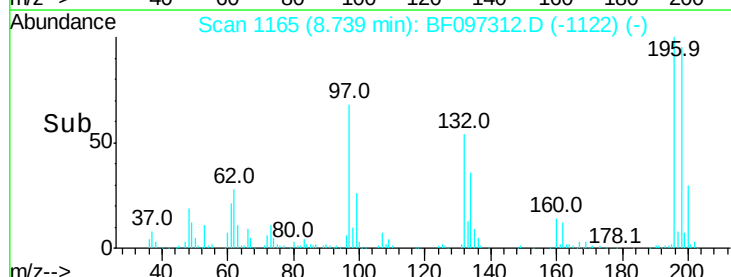
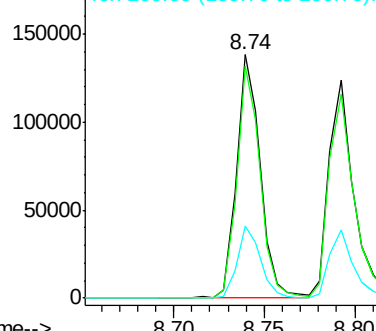


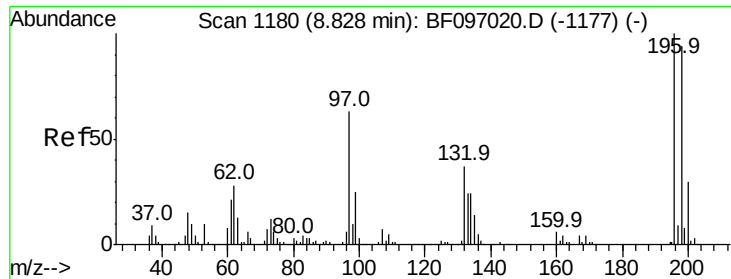
#42
 2,4,6-Trichlorophenol
 Concen: 41.338 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.2	111.4
200	29.6	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

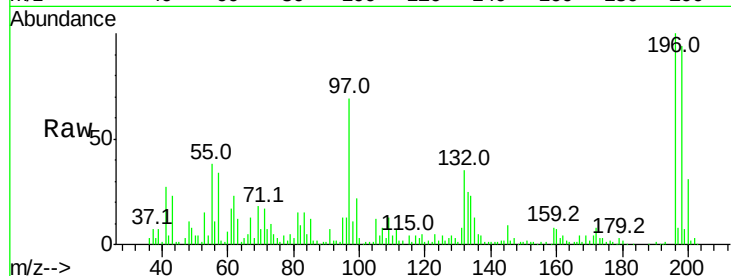




#43
 2,4,5-Trichlorophenol
 Concen: 39.721 ng
 RT: 8.79 min Scan# 1174
 Delta R.T. -0.04 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.7	113.5
97	68.8	47.7	71.5
132	35.2	28.0	42.0



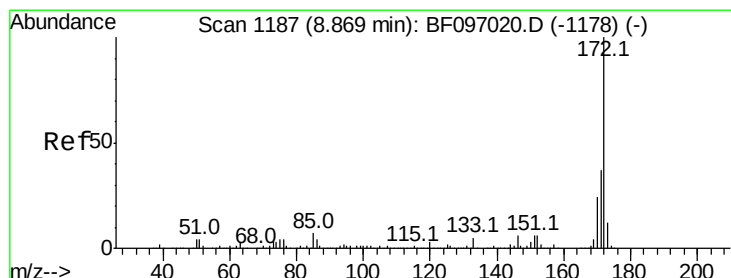
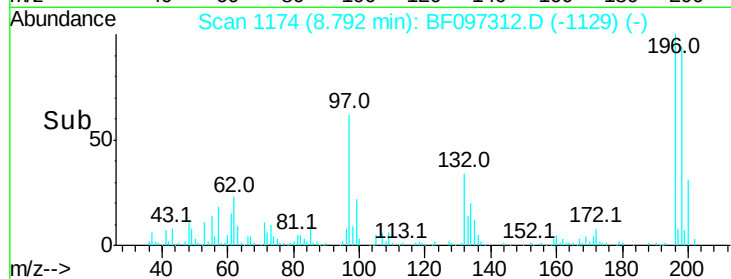
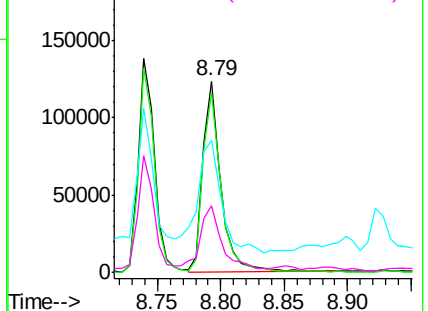
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

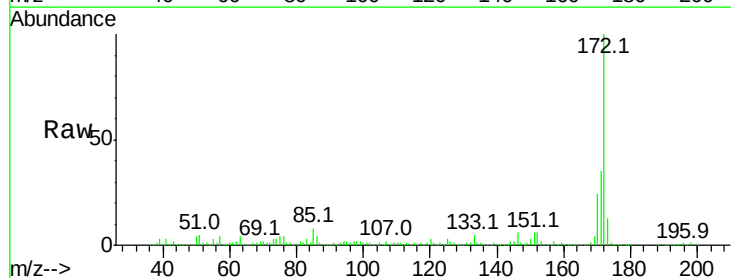
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.646 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	24.0	19.8	29.8

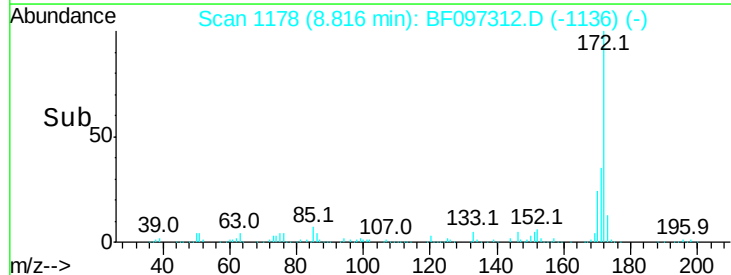
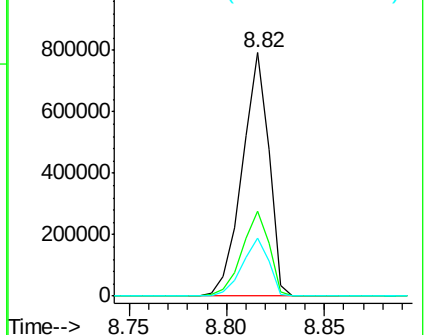


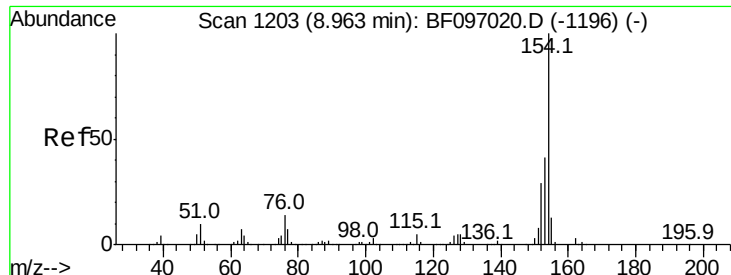
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

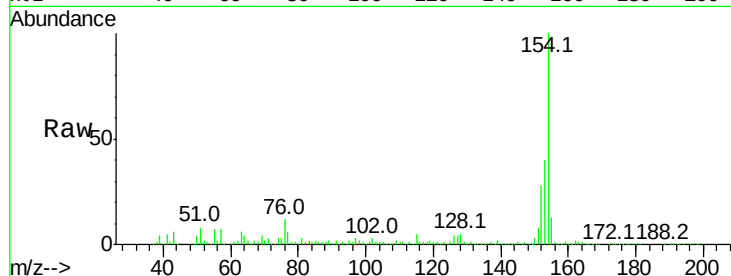




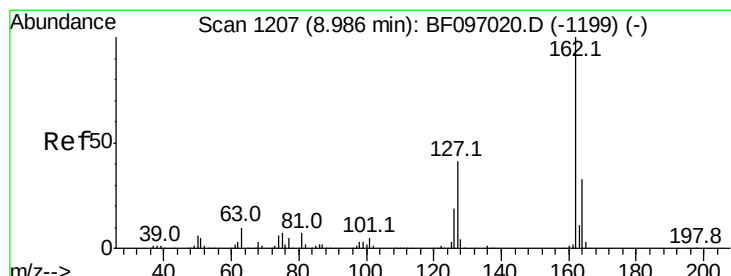
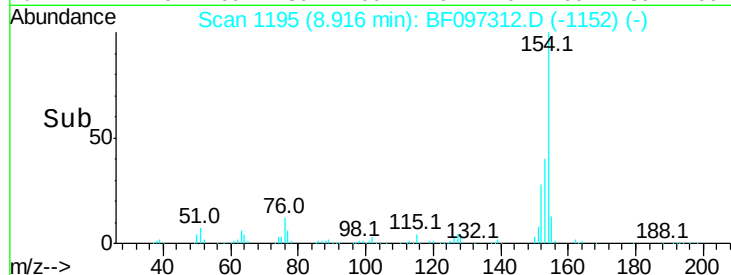
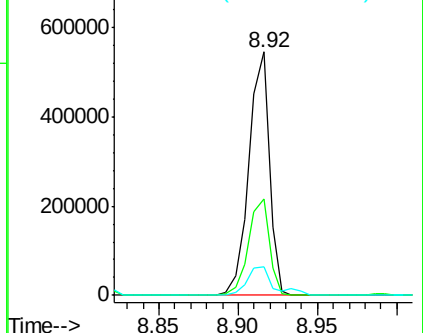
#45
 1,1'-Biphenyl
 Concen: 36.215 ng
 RT: 8.92 min Scan# 1195
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.2	61.2
76	11.6	0.0	29.9

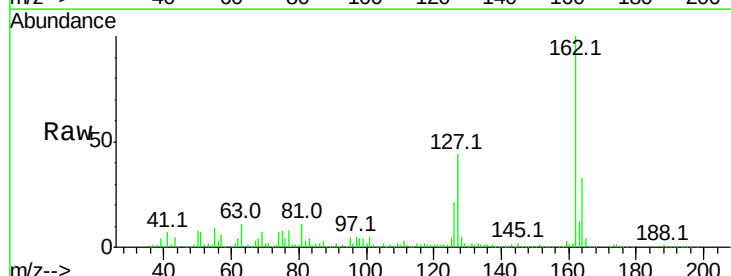


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

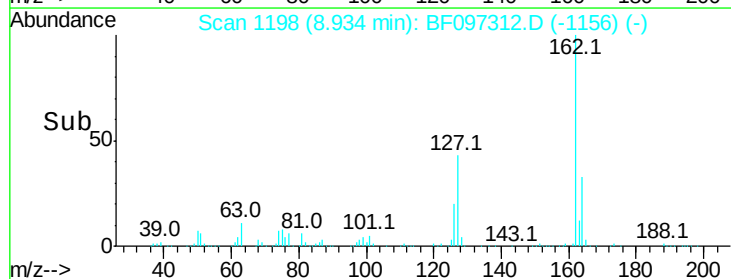
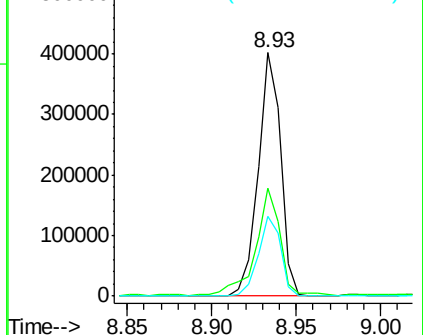


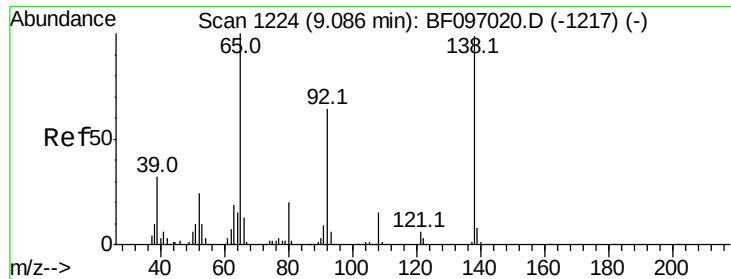
#46
 2-Chloronaphthalene
 Concen: 37.798 ng
 RT: 8.93 min Scan# 1198
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.2	28.3	42.5#
164	32.7	27.0	40.4



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





#47

2-Nitroaniline

Concen: 43.974 ng

RT: 9.04 min Scan# 1216

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

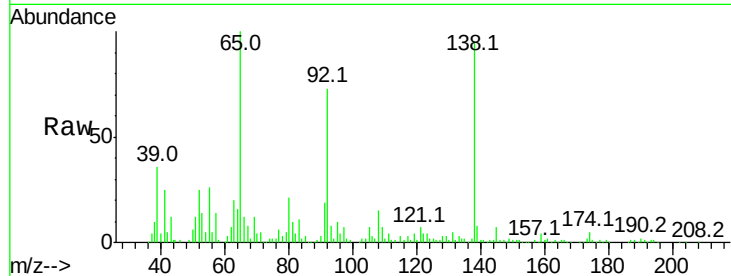
Tot Ion: 65 Resp: 158198

Ion Ratio Lower Upper

65 100

92 72.7 53.9 80.9

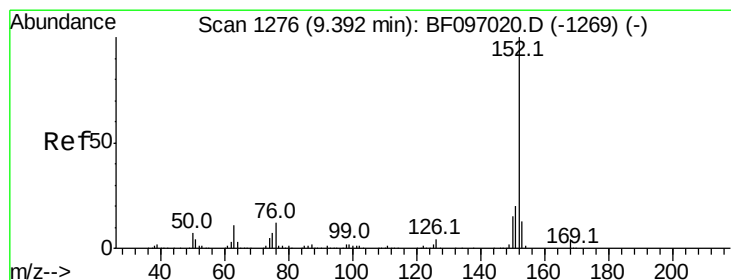
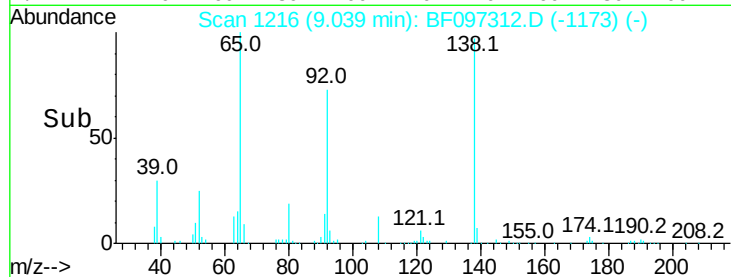
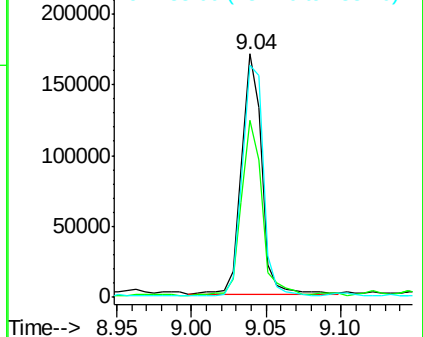
138 95.3 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 34.691 ng

RT: 9.35 min Scan# 1268

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

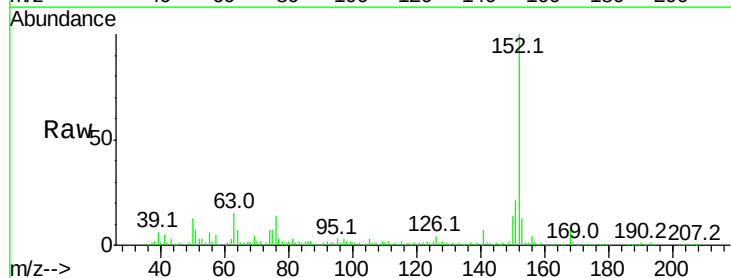
Tgt Ion: 152 Resp: 527837

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

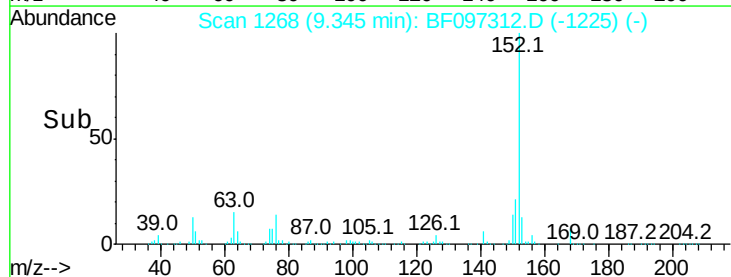
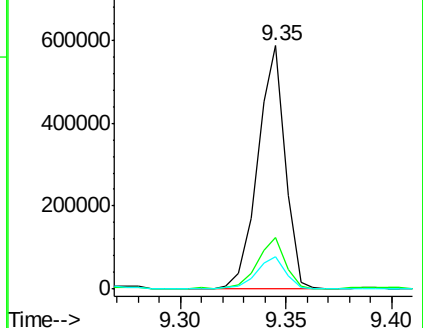
153 13.4 10.8 16.2

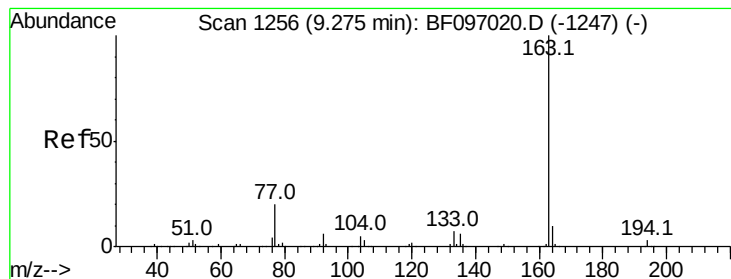


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 54.754 ng

RT: 9.22 min Scan# 1247

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

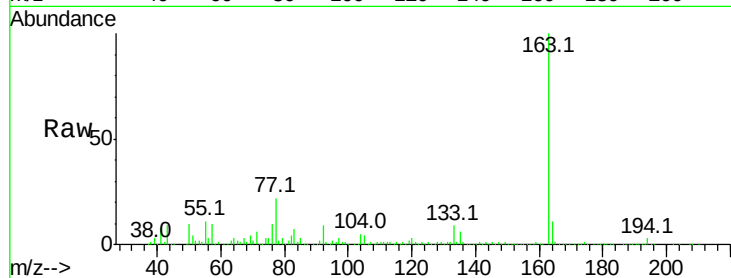
Tot Ion:163 Resp: 655752

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

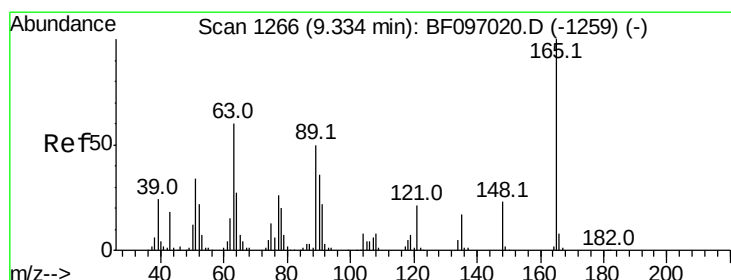
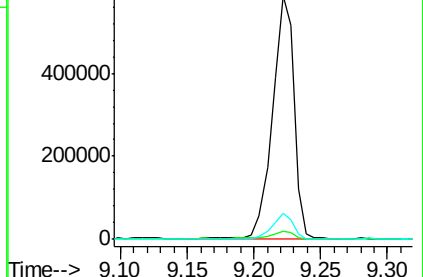
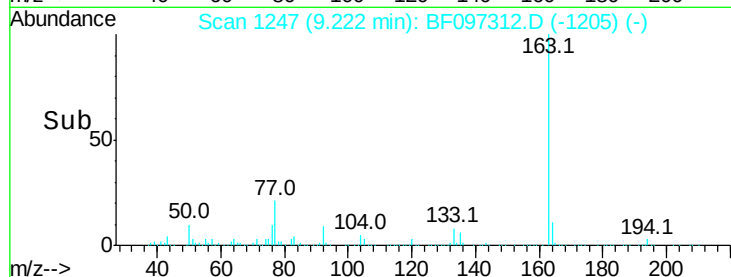
164 10.6 8.4 12.6



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: 38.347 ng

RT: 9.29 min Scan# 1258

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

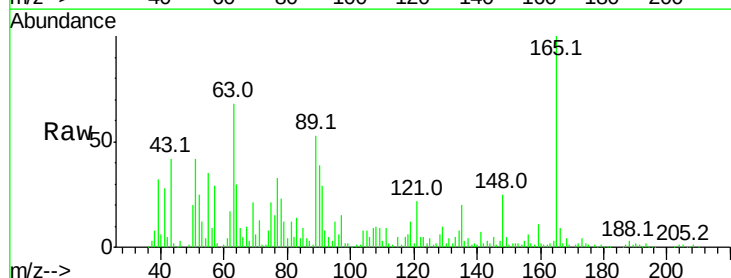
Tgt Ion:165 Resp: 97406

Ion Ratio Lower Upper

165 100

63 68.2 34.3 51.5#

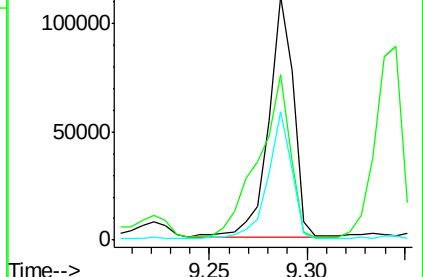
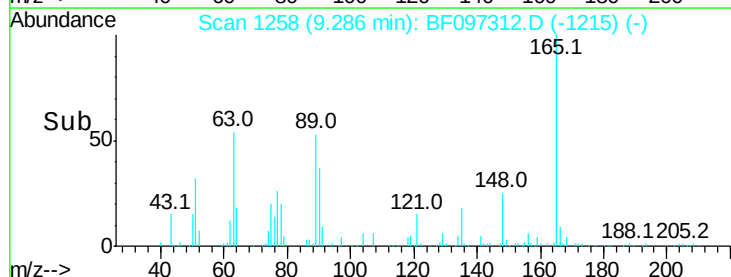
89 52.8 37.1 55.7

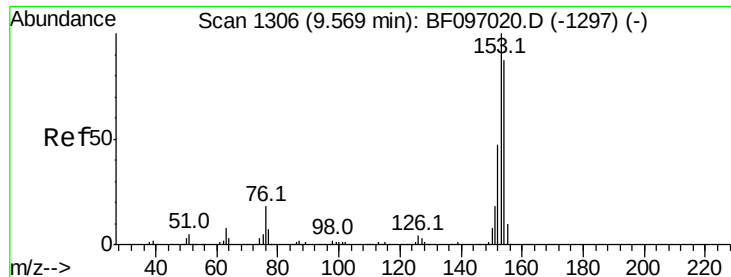


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.572 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

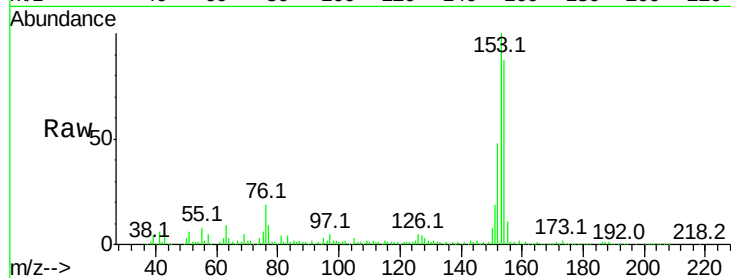
Tot Ion:154 Resp: 327775

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

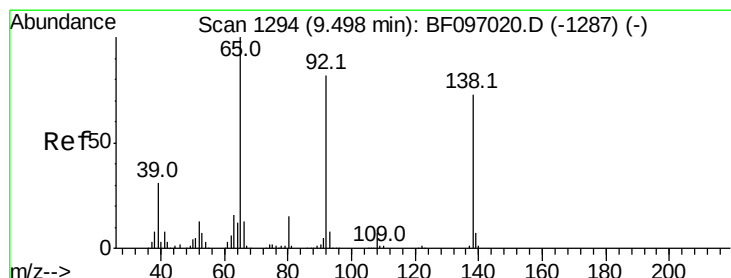
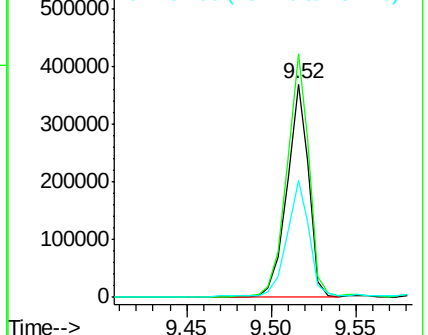
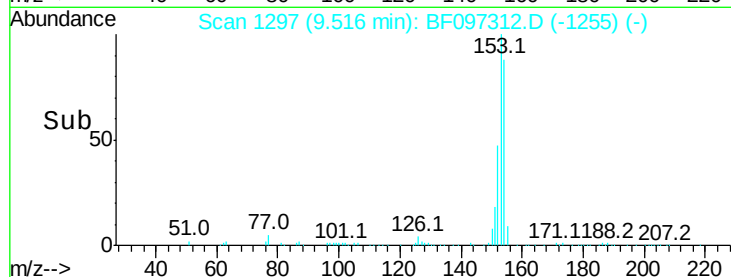
152 55.0 43.6 65.4



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: 32.800 ng

RT: 9.45 min Scan# 1286

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

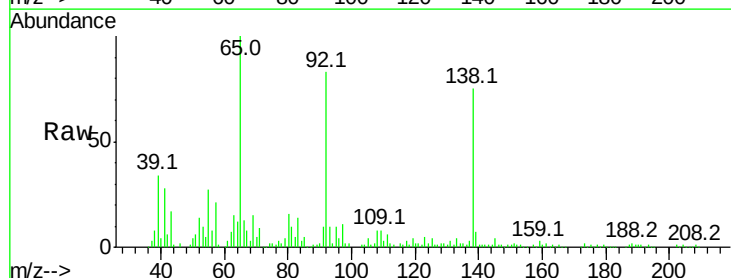
Tgt Ion:138 Resp: 103415

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

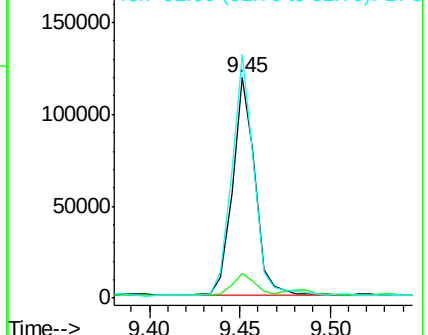
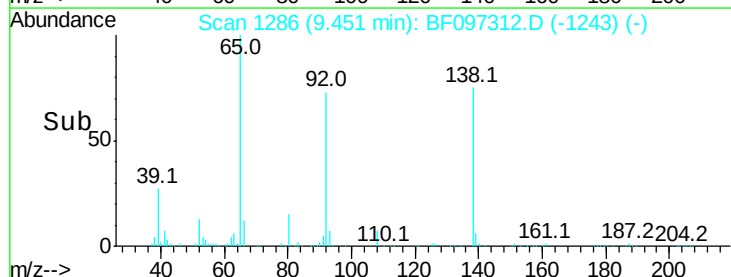
92 110.6 93.8 140.6

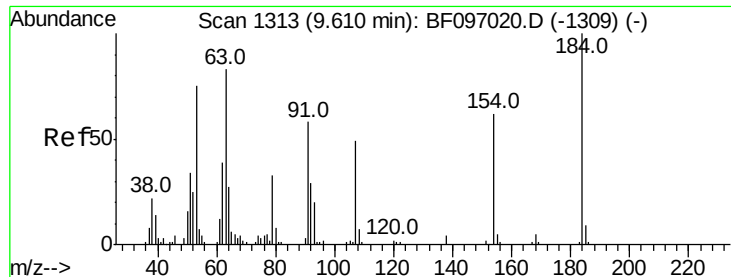


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

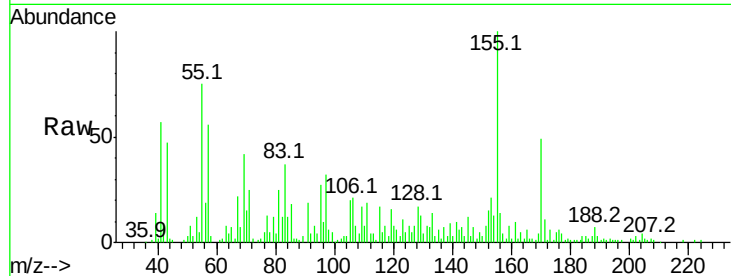




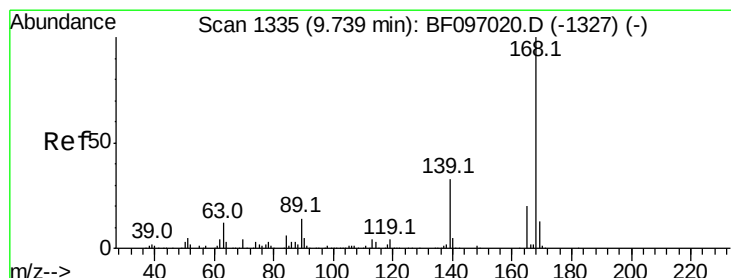
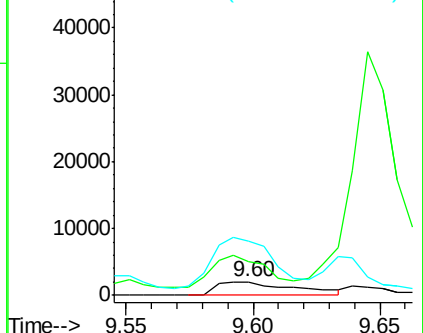
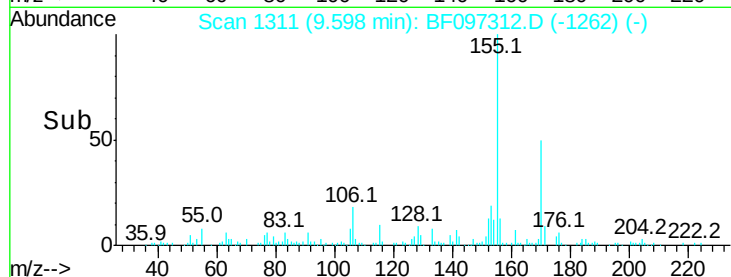
#53
2,4-Dinitrophenol
Concen: 3.710 ng
RT: 9.60 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 4285
Ion Ratio Lower Upper
184 100
63 245.7 62.7 94.1#
154 396.0 81.1 121.7#

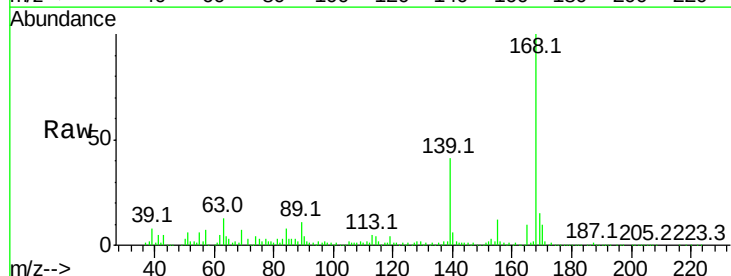


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

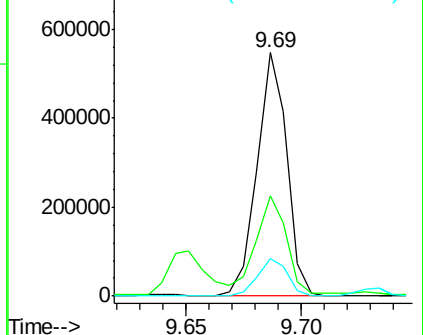
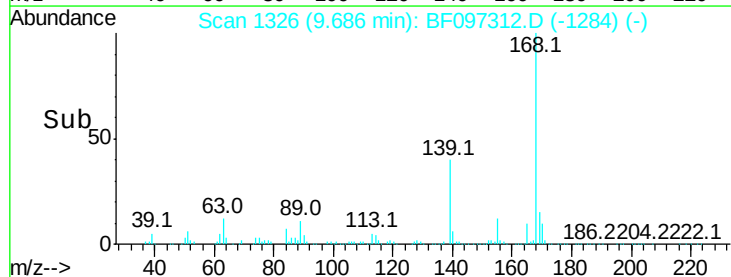


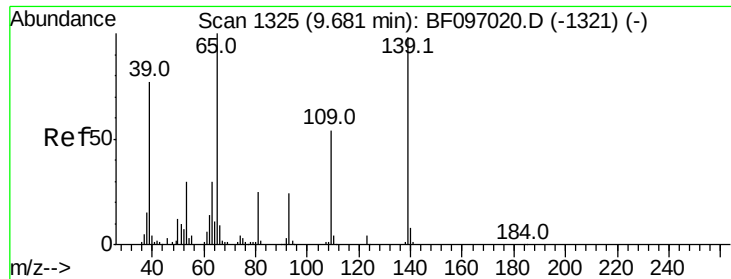
#54
Dibenzofuran
Concen: 41.207 ng
RT: 9.69 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Tgt Ion:168 Resp: 491919
Ion Ratio Lower Upper
168 100
139 41.0 30.6 45.8
169 15.5 10.8 16.2



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

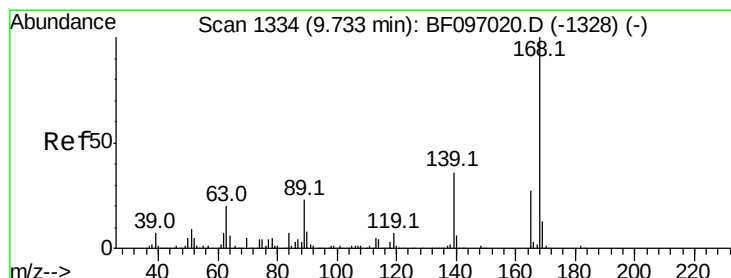
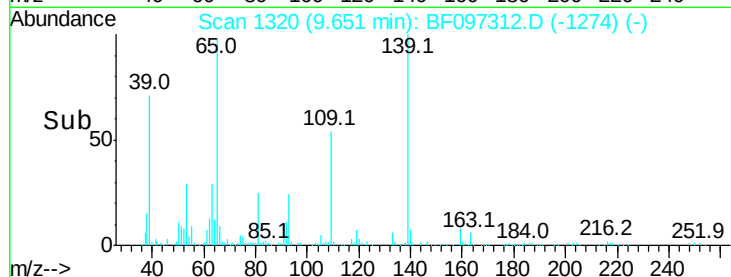
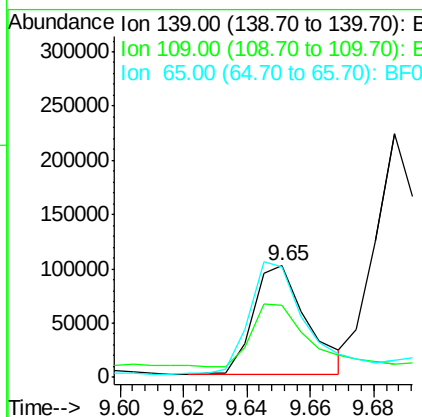
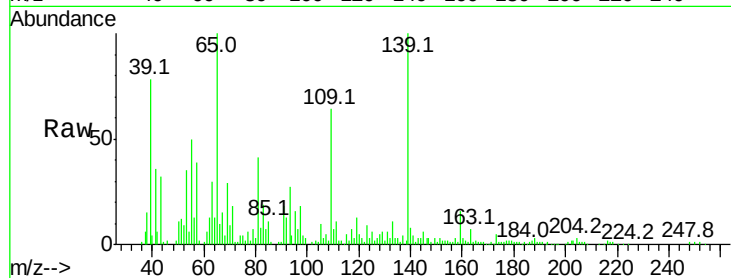




#55
4-Nitrophenol
Concen: 62.849 ng
RT: 9.65 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

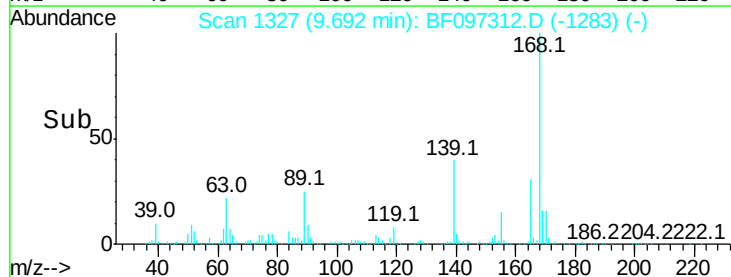
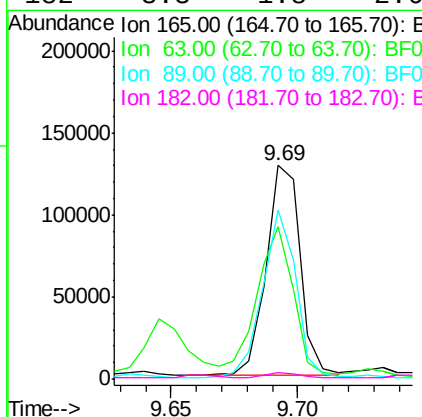
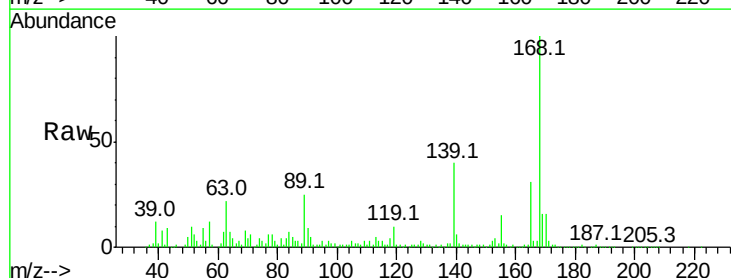
Instrument :
BNA_F
ClientSampleId :

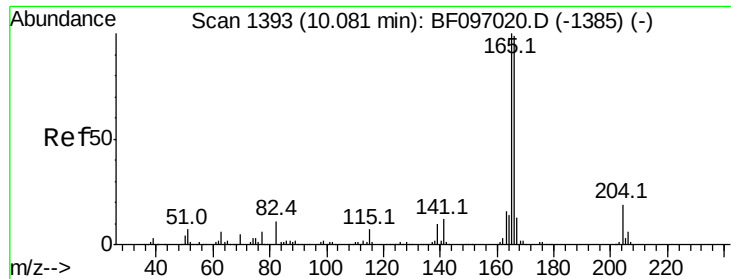
Tot Ion:139 Resp: 117840
Ion Ratio Lower Upper
139 100
109 64.5 34.1 74.1
65 99.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.485 ng
RT: 9.69 min Scan# 1327
Delta R.T. -0.04 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Tgt Ion:165 Resp: 121139
Ion Ratio Lower Upper
165 100
63 71.5 25.4 38.0#
89 79.2 46.4 69.6#
182 3.3 1.8 2.6#

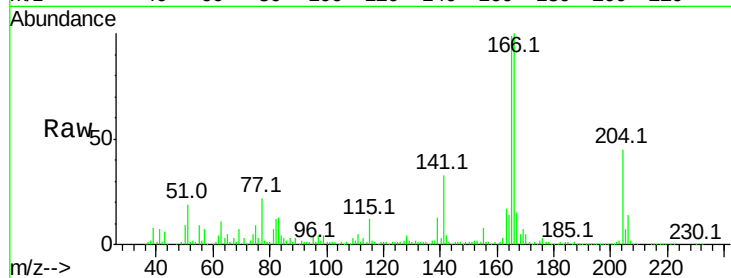




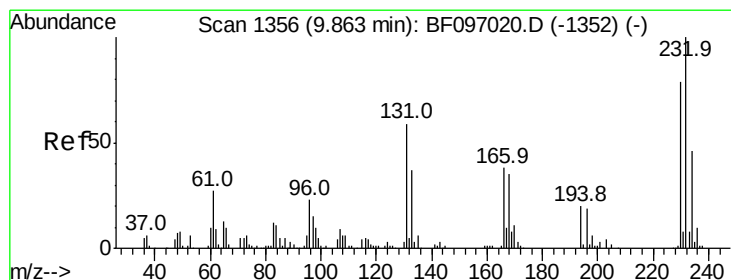
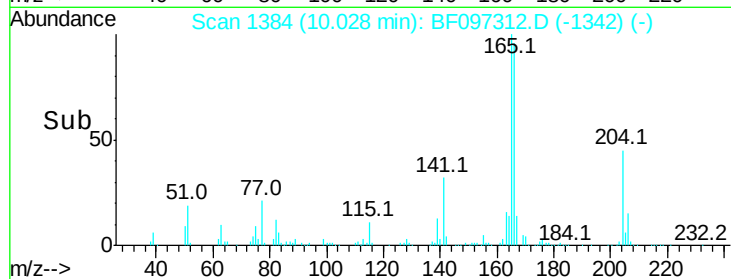
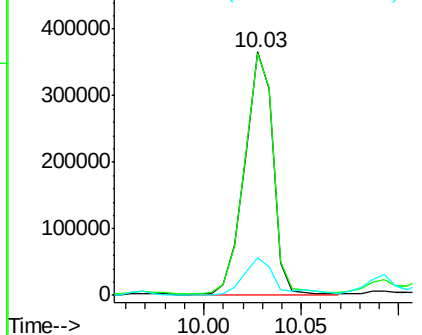
#57
 Fluorene
 Concen: 40.707 ng
 RT: 10.03 min Scan# 1384
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 365238
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.8 118.2
 167 15.4 10.6 16.0



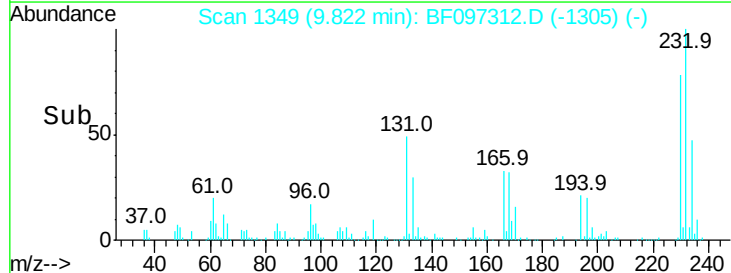
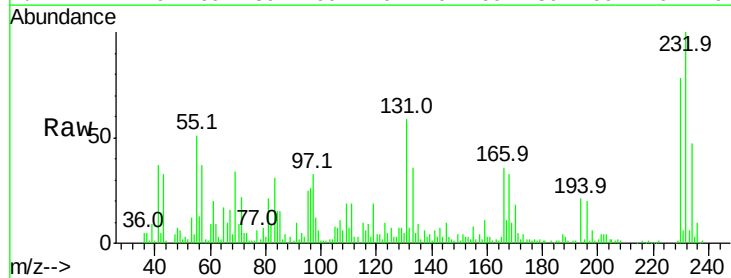
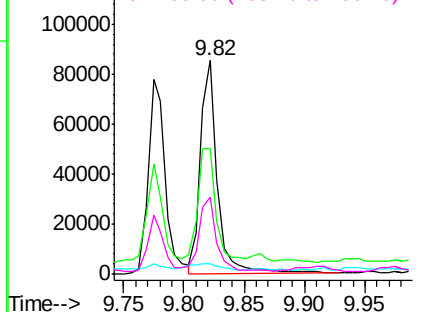
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

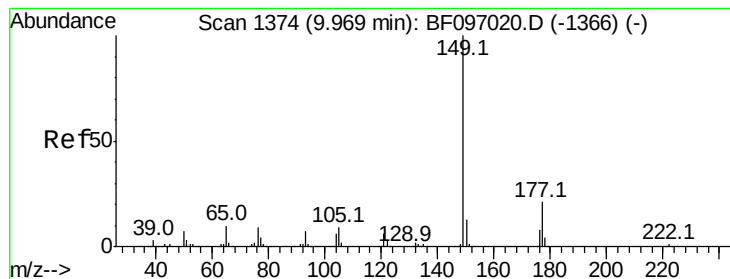


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.118 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.04 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Tgt Ion:232 Resp: 82441
 Ion Ratio Lower Upper
 232 100
 131 56.6 44.8 67.2
 130 6.3 2.3 3.5#
 166 35.1 29.0 43.4

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





#59

Diethylphthalate

Concen: 38.106 ng

RT: 9.92 min Scan# 1366

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

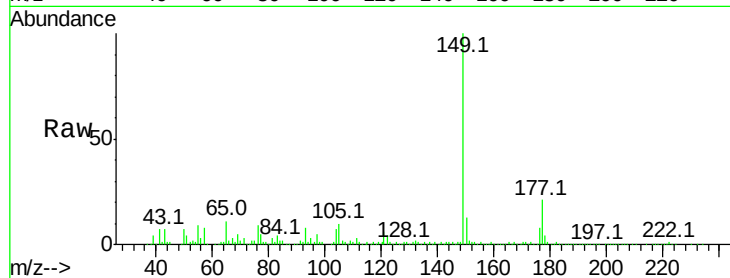
Tot Ion:149 Resp: 418686

Ion Ratio Lower Upper

149 100

177 20.8 16.7 25.1

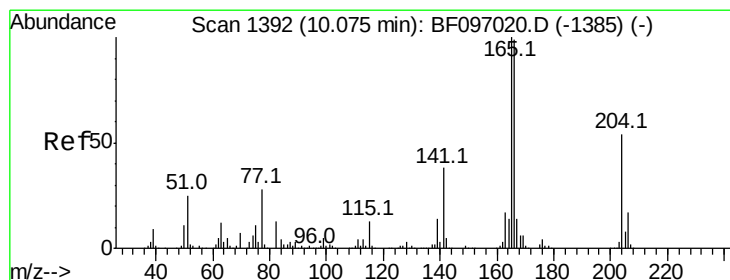
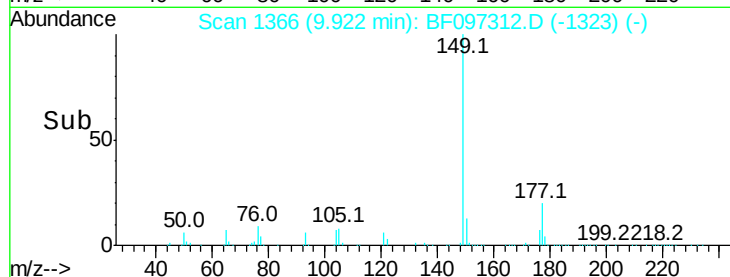
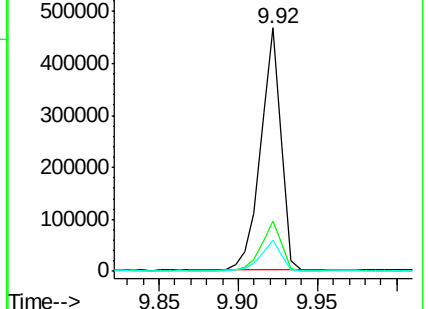
150 12.8 10.2 15.2



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: 40.341 ng

RT: 10.03 min Scan# 1384

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

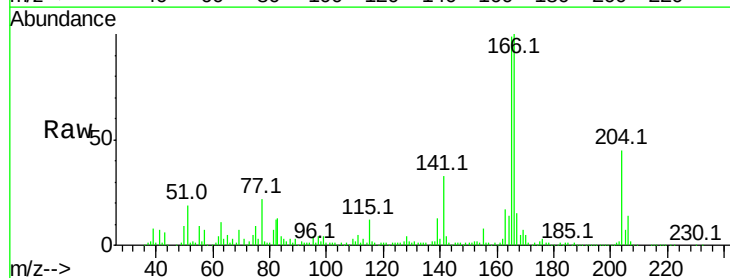
Tgt Ion:204 Resp: 149466

Ion Ratio Lower Upper

204 100

206 32.0 26.2 39.2

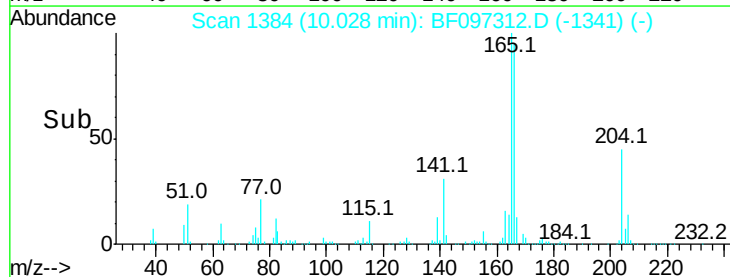
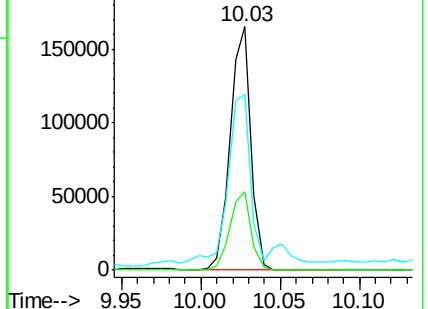
141 72.3 60.8 91.2

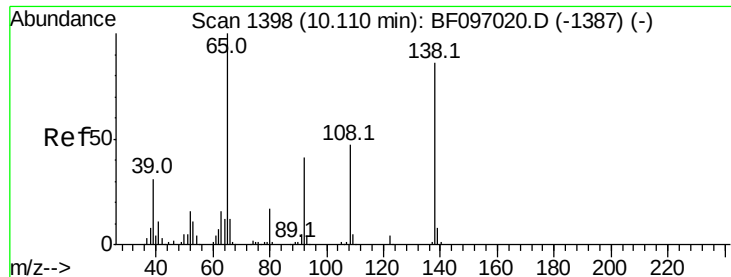


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.898 ng

RT: 10.06 min Scan# 1390

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

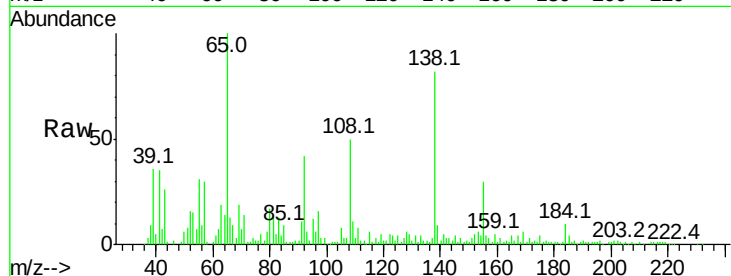
Tot Ion:138 Resp: 95560

Ion Ratio Lower Upper

138 100

92 51.0 21.8 61.8

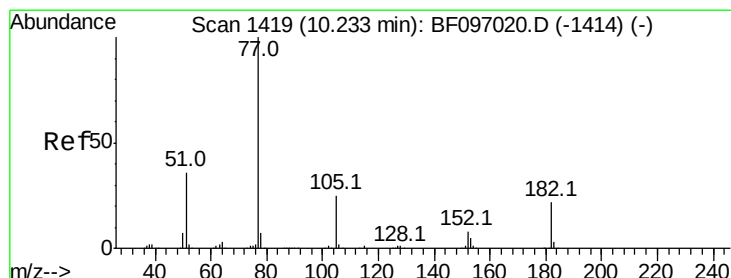
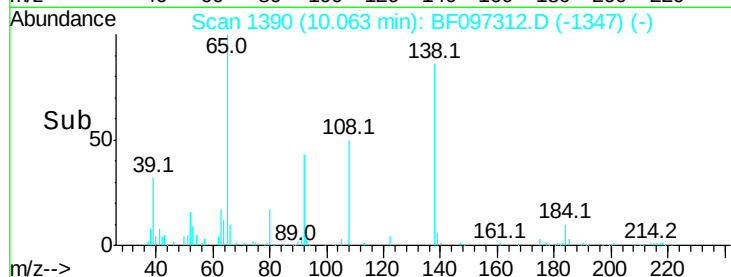
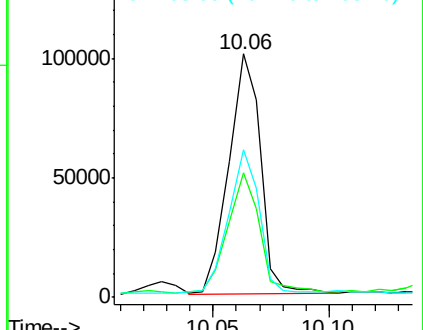
108 60.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.233 ng

RT: 10.19 min Scan# 1411

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Tgt Ion: 77 Resp: 430483

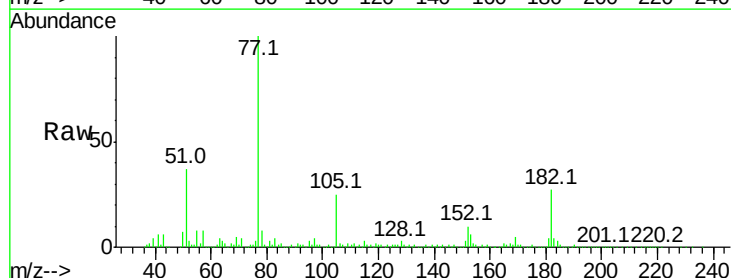
Ion Ratio Lower Upper

77 100

182 26.7 0.1 40.1

105 25.2 3.6 43.6

51 37.3 9.4 49.4

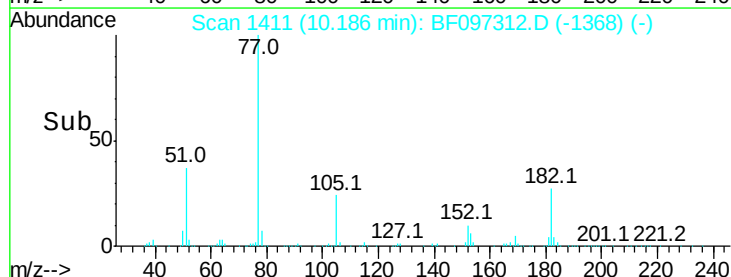
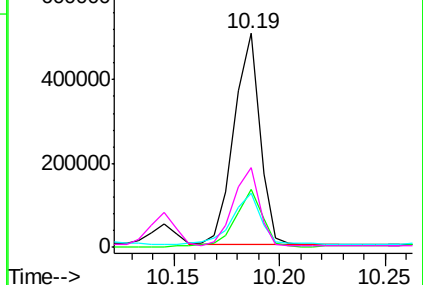


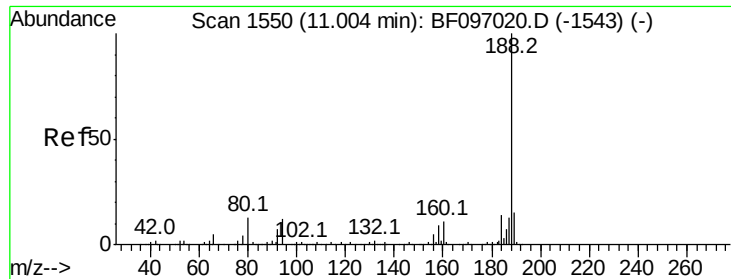
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

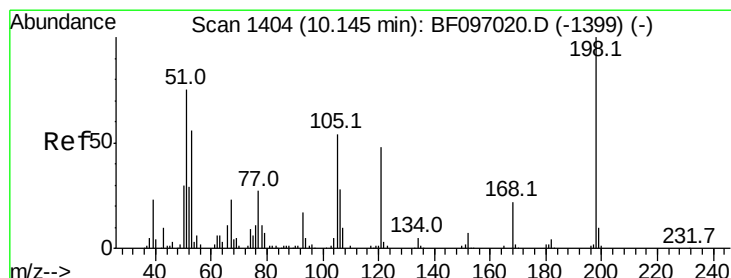
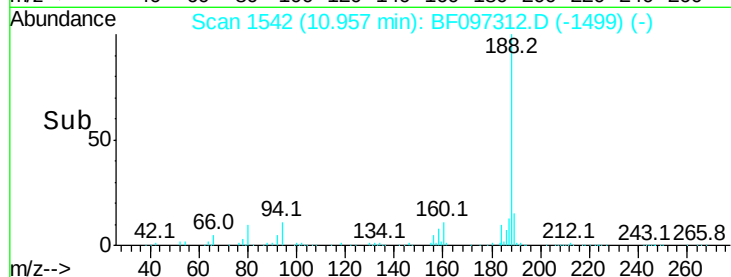
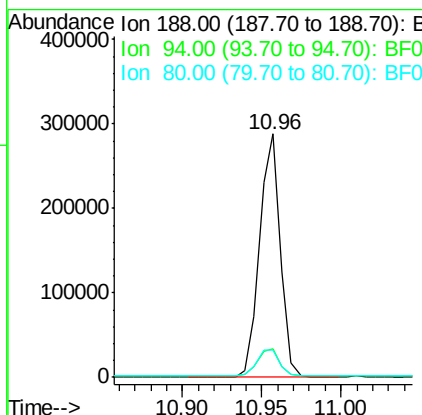
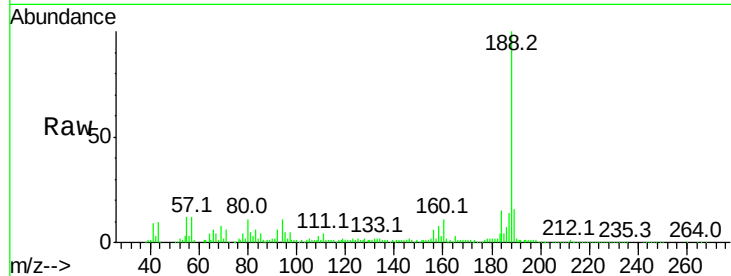




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

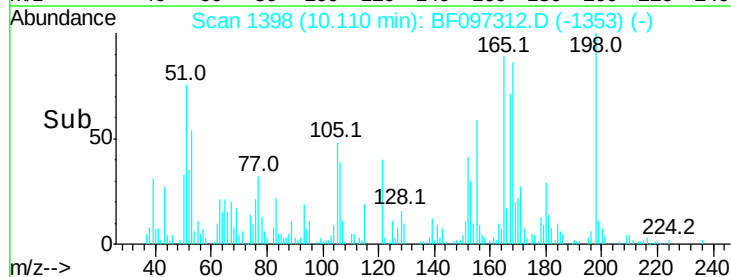
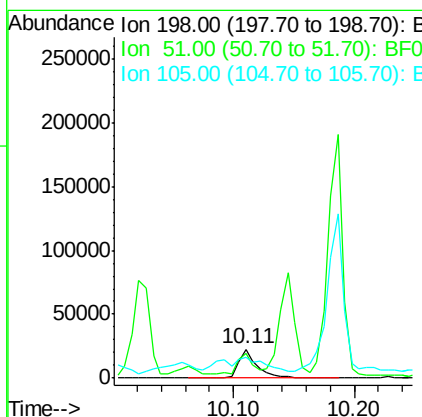
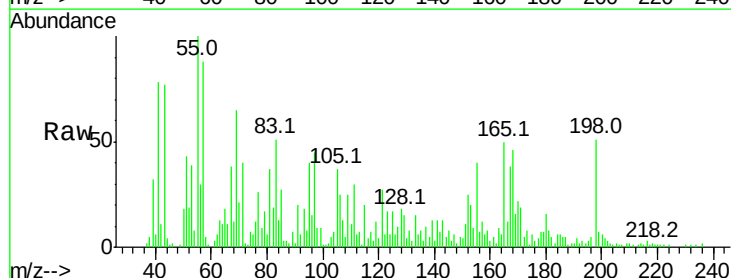
Instrument :
BNA_F
ClientSampleId :

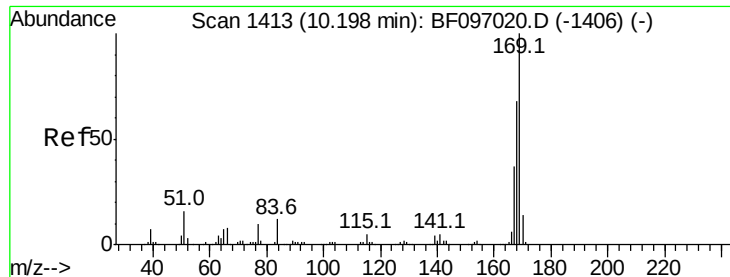
Tot Ion:188 Resp: 264544
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 15.256 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.04 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Tgt Ion:198 Resp: 25079
Ion Ratio Lower Upper
198 100
51 83.6 53.2 93.2
105 73.0 45.8 85.8

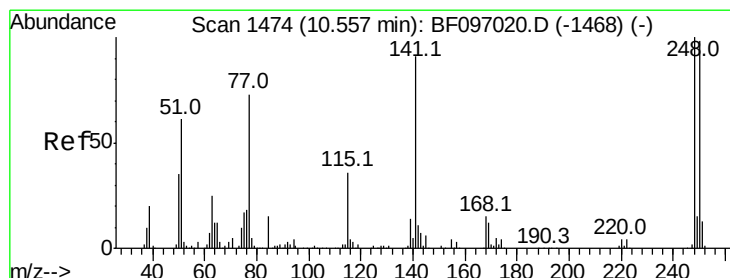
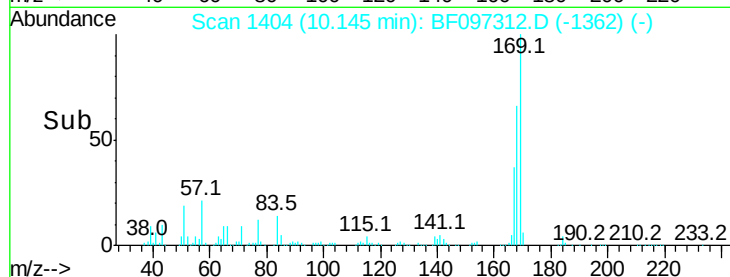
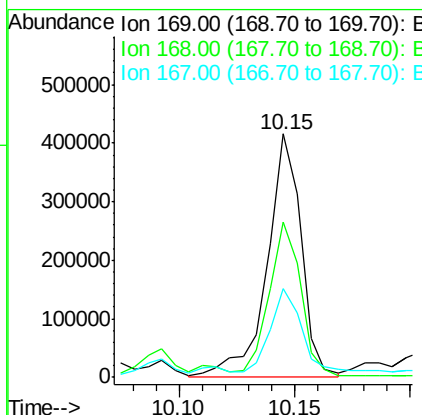
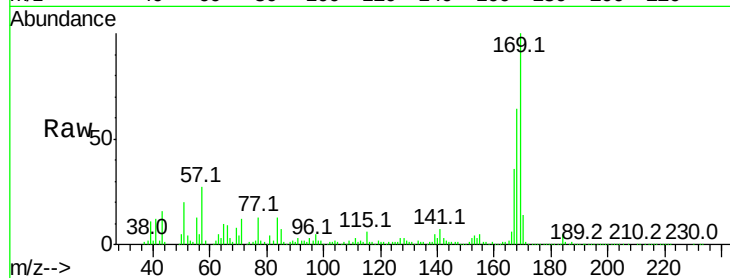




#65
n-Nitrosodiphenylamine
Concen: 45.801 ng
RT: 10.15 min Scan# 1404
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

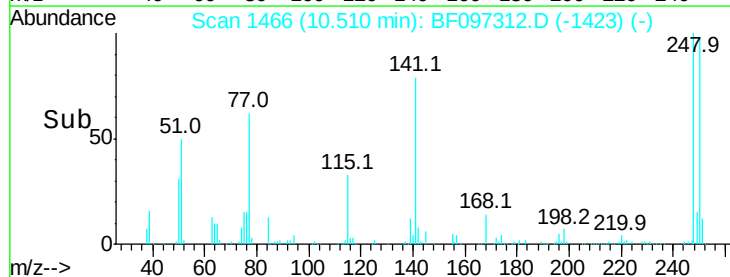
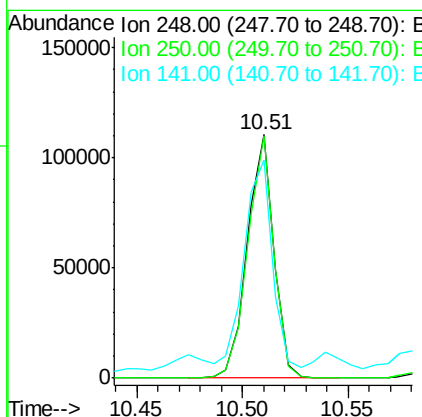
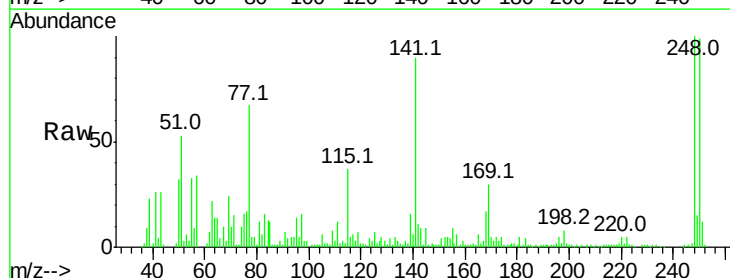
Instrument :
BNA_F
ClientSampleId :

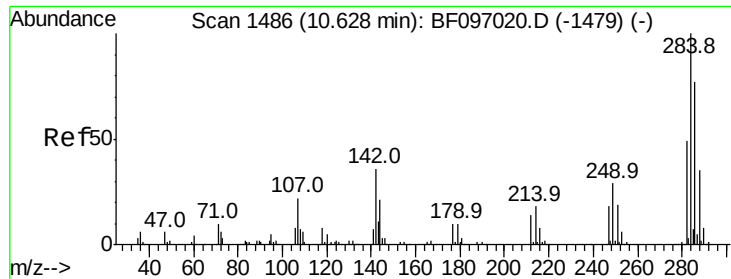
Tot Ion:169 Resp: 421579
Ion Ratio Lower Upper
169 100
168 63.8 53.2 79.8
167 36.2 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 36.476 ng
RT: 10.51 min Scan# 1466
Delta R.T. -0.05 min
Lab File: BF097312.D
Acq: 3 Aug 2017 11:03

Tgt Ion:248 Resp: 96298
Ion Ratio Lower Upper
248 100
250 99.4 76.8 115.2
141 89.6 68.6 103.0





#67

Hexachlorobenzene

Concen: 33.307 ng

RT: 10.58 min Scan# 1478

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampled :

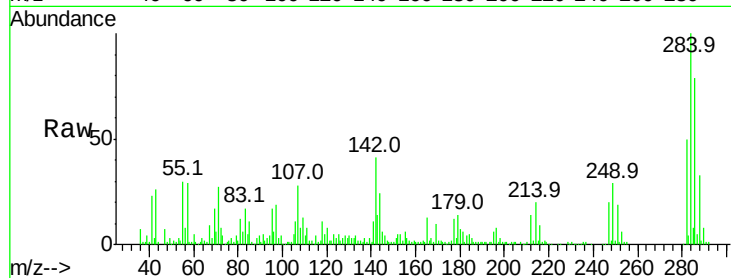
Tot Ion:284 Resp: 98608

Ion Ratio Lower Upper

284 100

142 41.5 22.8 34.2#

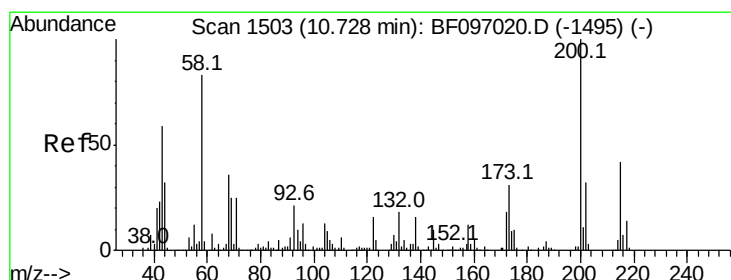
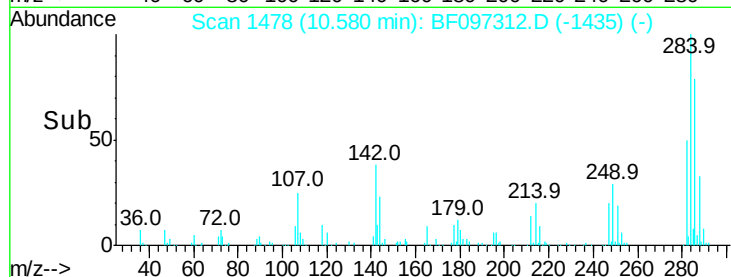
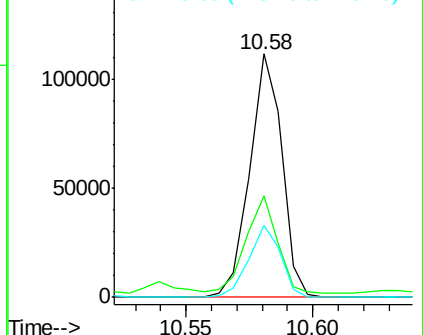
249 29.4 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.250 ng

RT: 10.68 min Scan# 1495

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

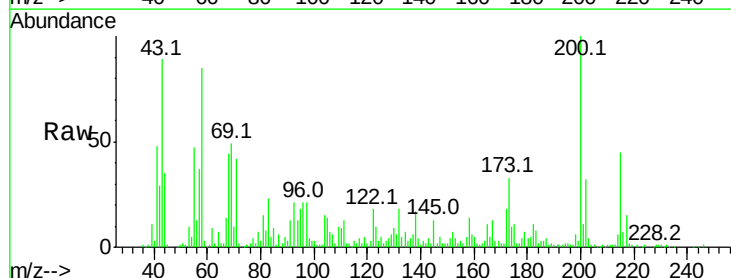
Tgt Ion:200 Resp: 108877

Ion Ratio Lower Upper

200 100

173 33.3 6.3 46.3

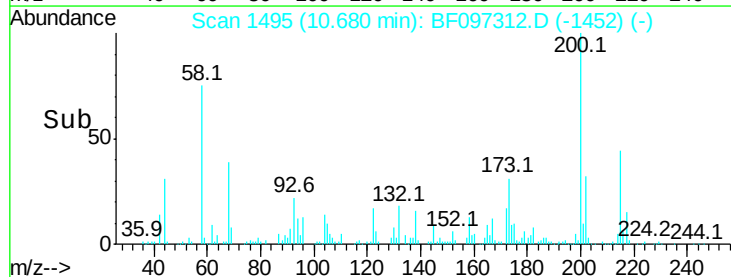
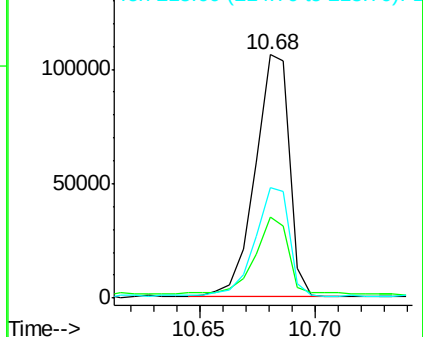
215 45.1 27.2 67.2

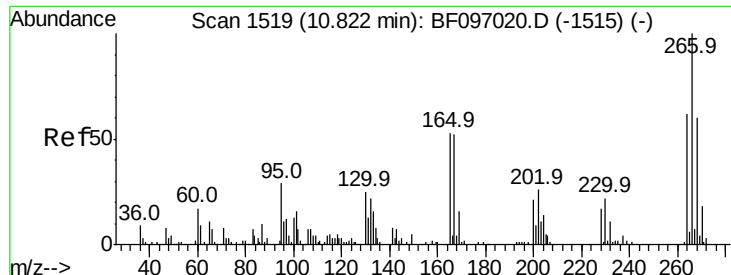


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

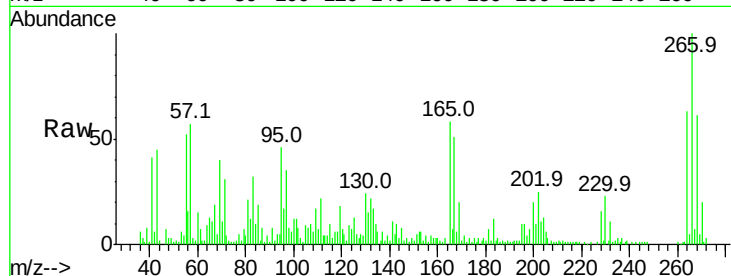




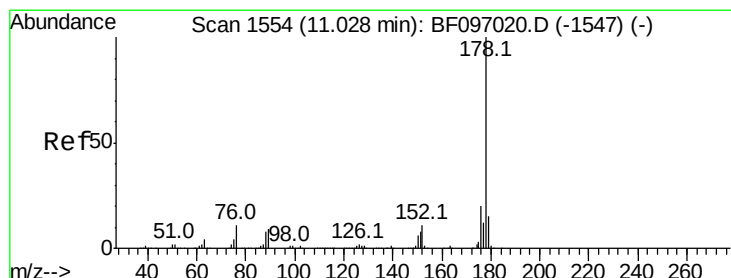
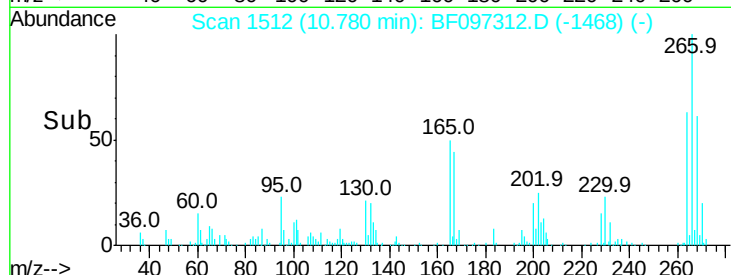
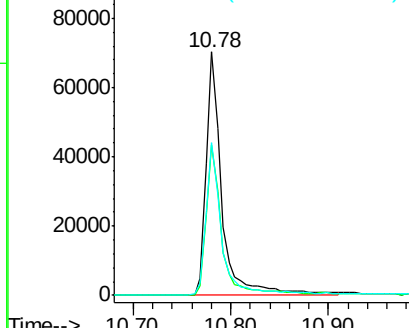
#69
 Pentachlorophenol
 Concen: 65.356 ng
 RT: 10.78 min Scan# 1512
 Delta R.T. -0.04 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	62.9	51.7	77.5

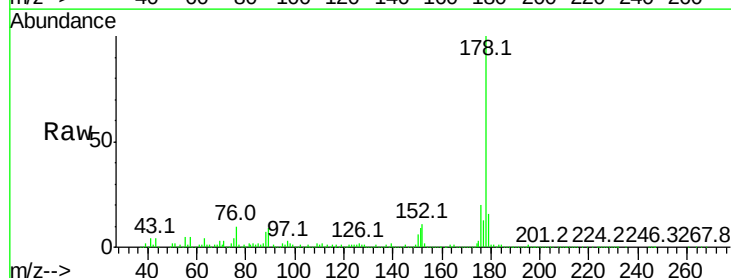


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

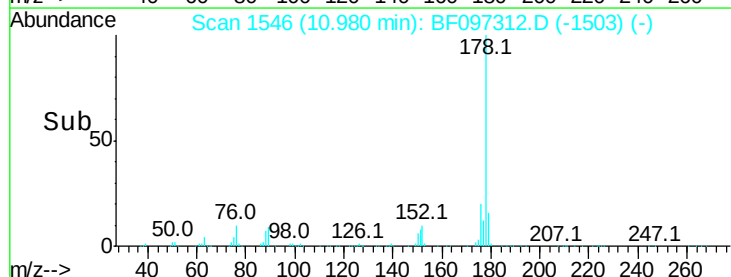
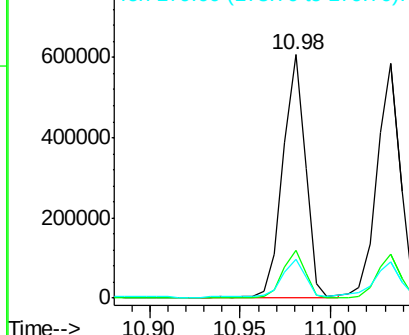


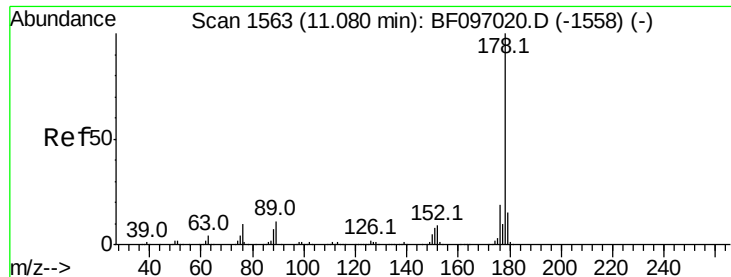
#70
 Phenanthrene
 Concen: 37.039 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

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



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

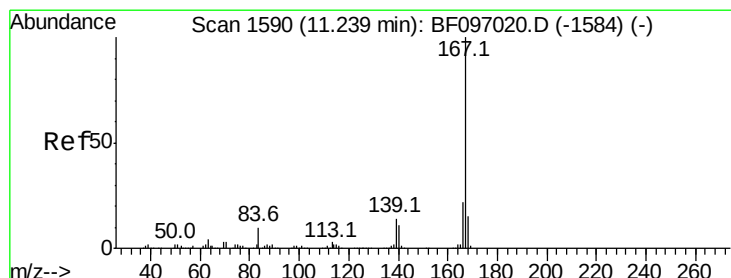
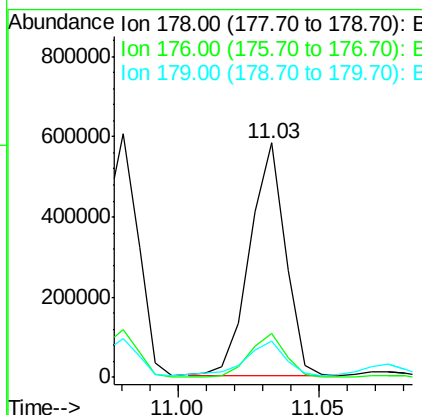
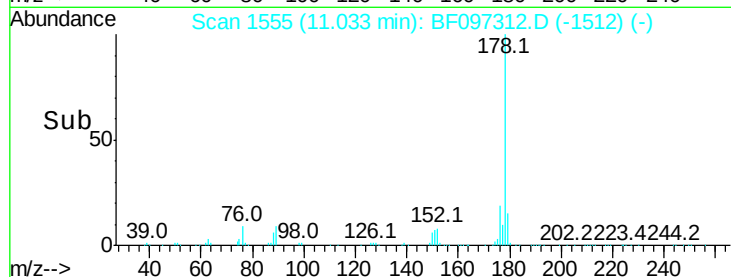
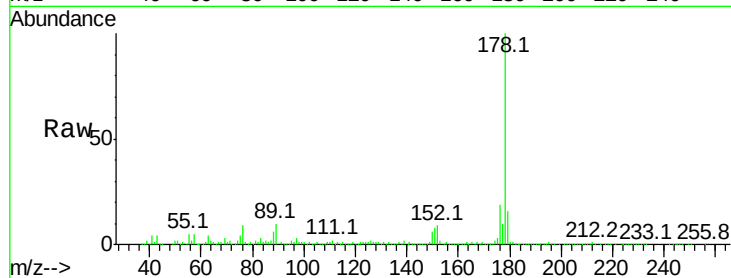




#71
 Anthracene
 Concen: 34.905 ng
 RT: 11.03 min Scan# 1555
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

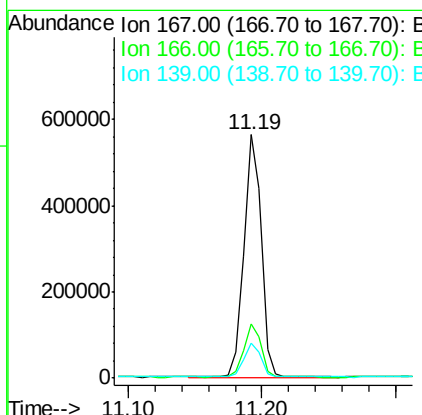
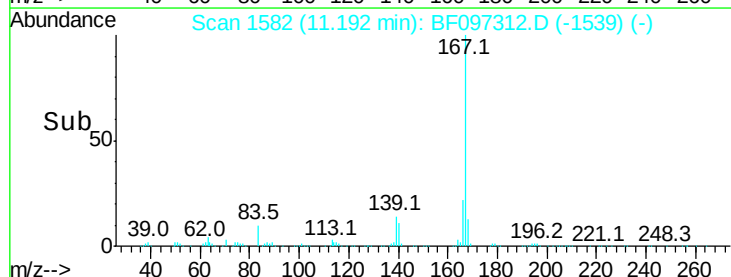
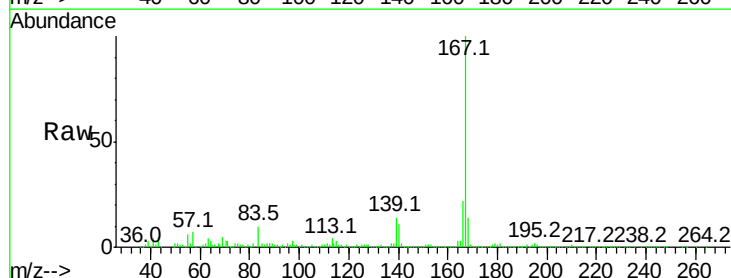
Instrument :
 BNA_F
 ClientSampleId :

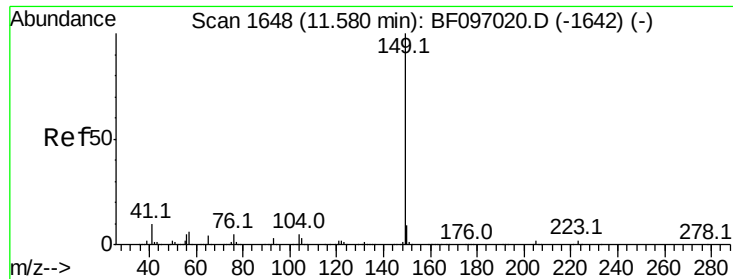
Tot Ion:178 Resp: 506738
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 35.345 ng
 RT: 11.19 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Tgt Ion:167 Resp: 504643
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 14.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.335 ng

RT: 11.53 min Scan# 1640

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

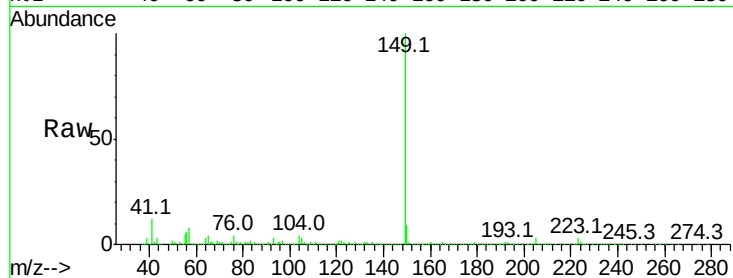
Tot Ion:149 Resp: 694223

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

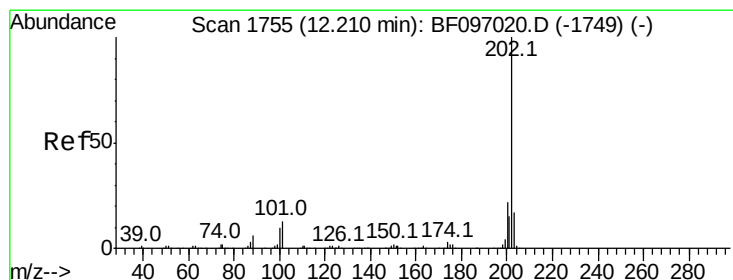
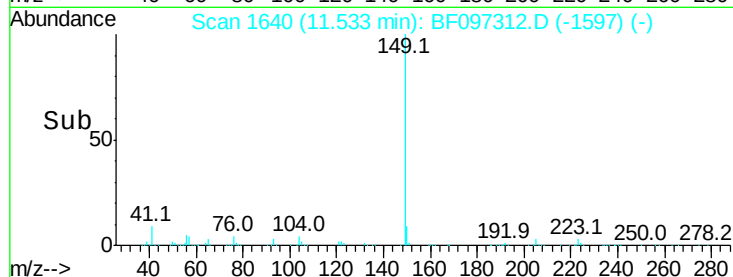
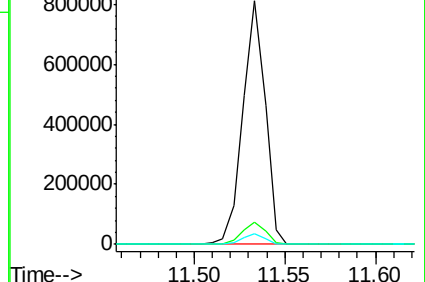
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.419 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

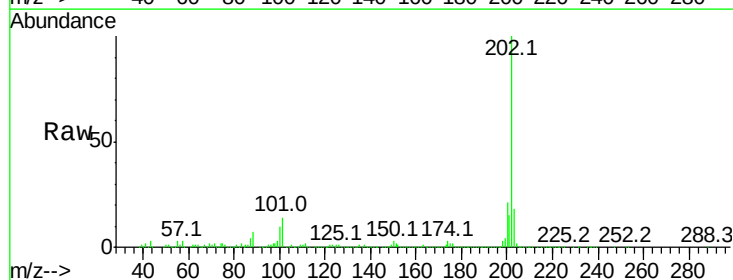
Tgt Ion:202 Resp: 491830

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

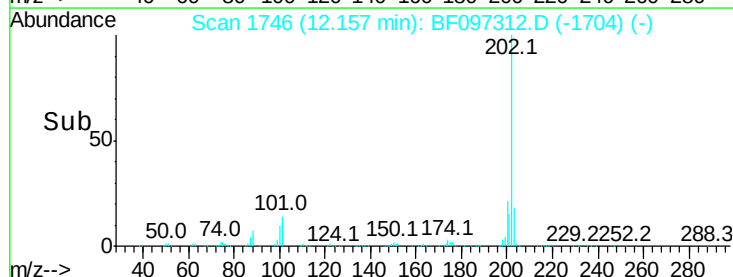
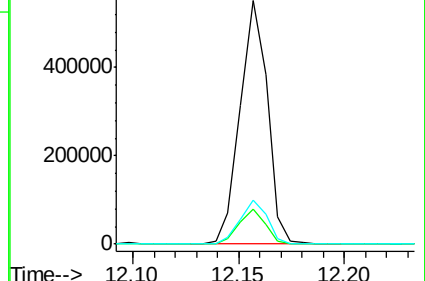
203 17.8 0.0 38.1

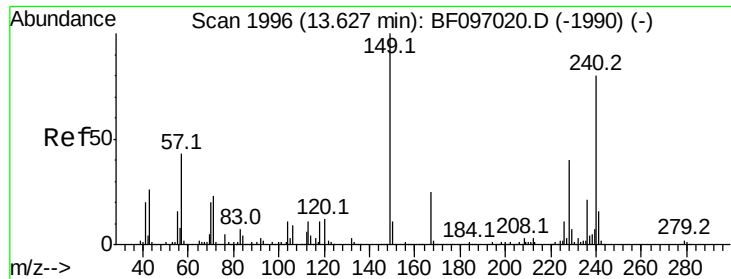


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.57 min Scan# 1987

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

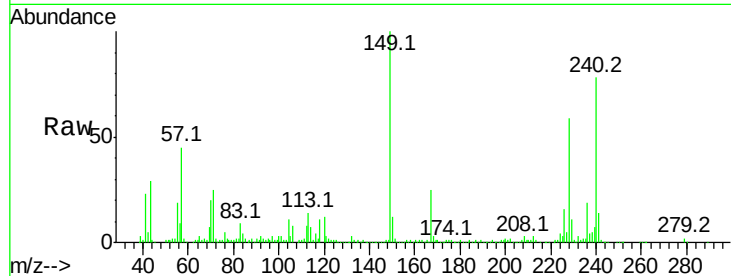
Tot Ion:240 Resp: 167816

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

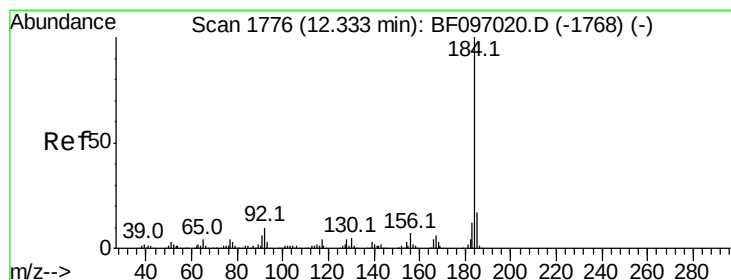
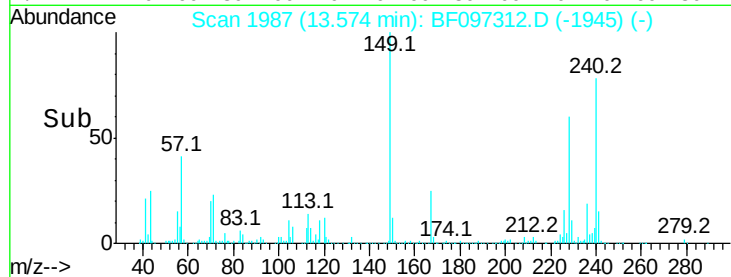
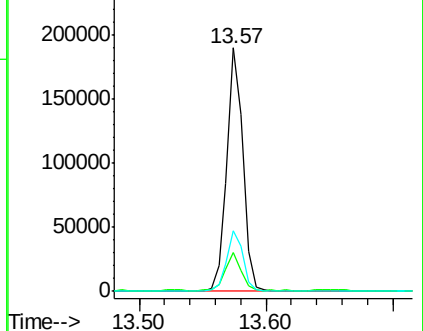
236 25.1 20.5 30.7



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: 22.259 ng

RT: 12.29 min Scan# 1768

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

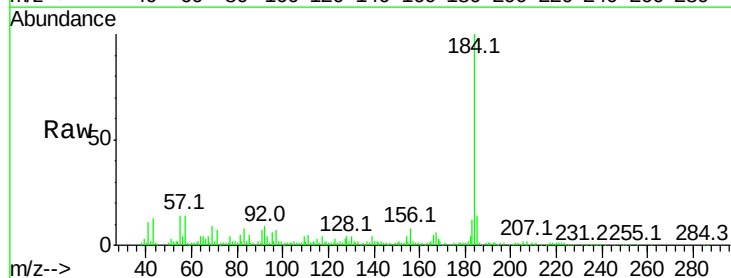
Tgt Ion:184 Resp: 138604

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

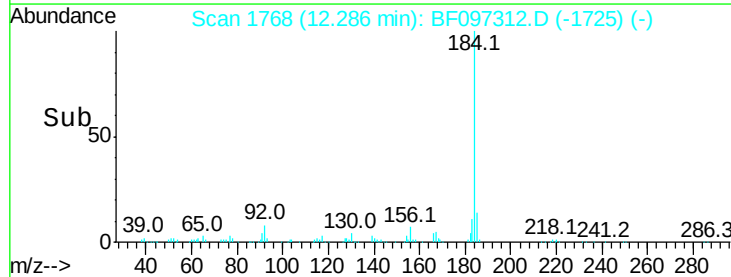
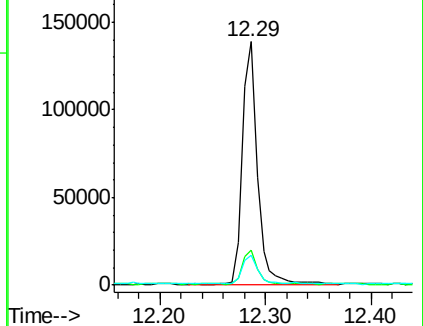
183 12.4 9.8 14.6

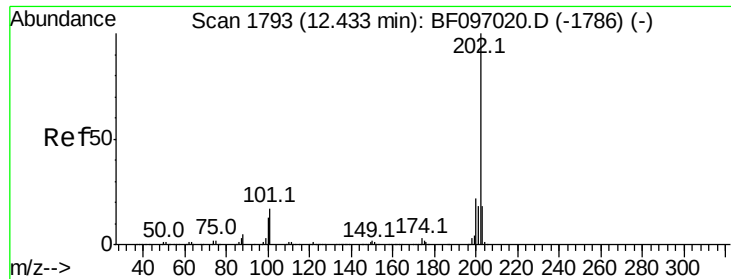


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.857 ng

RT: 12.38 min Scan# 1784

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

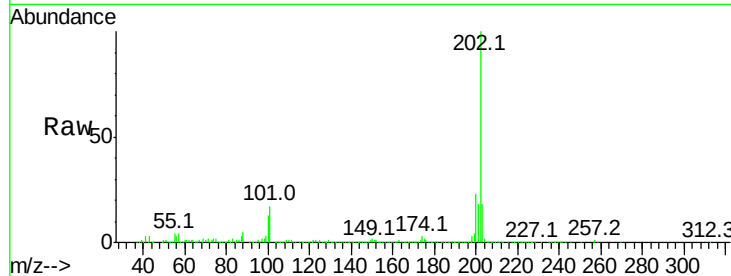
Tot Ion:202 Resp: 492630

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

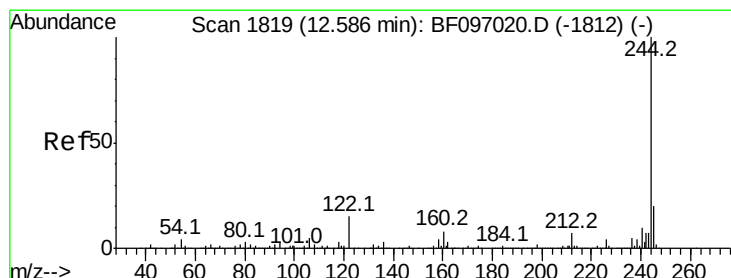
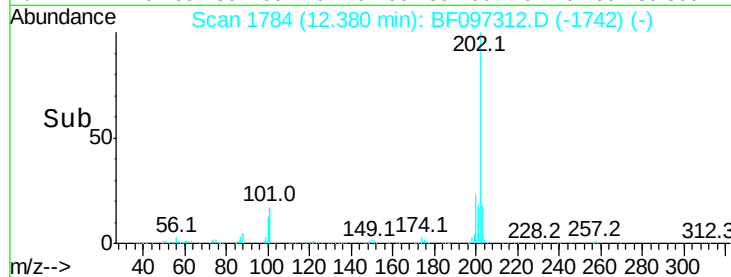
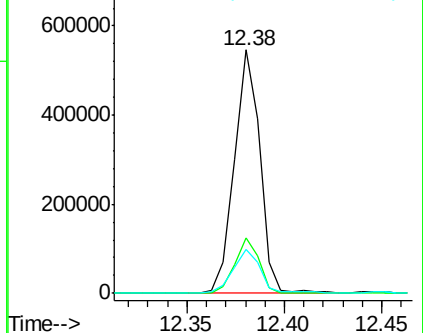
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.083 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

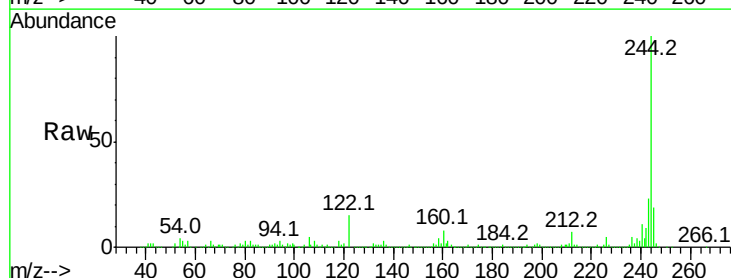
Tgt Ion:244 Resp: 494534

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

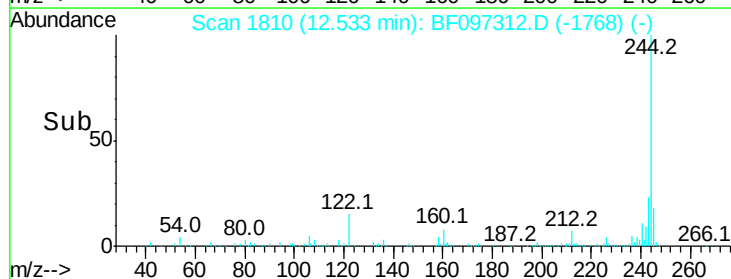
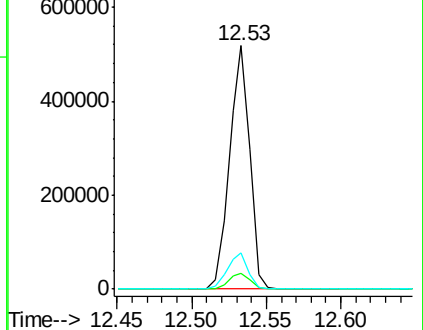
122 15.1 10.3 15.5

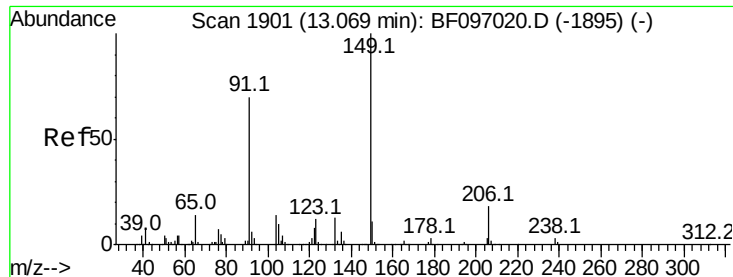


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.421 ng

RT: 13.01 min Scan# 1891

Delta R.T. -0.06 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

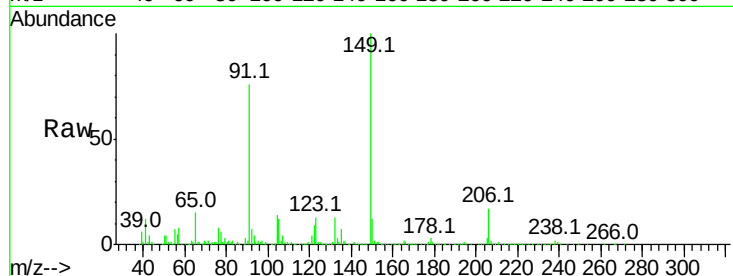
Tot Ion:149 Resp: 240548

Ion Ratio Lower Upper

149 100

91 76.4 45.0 67.4#

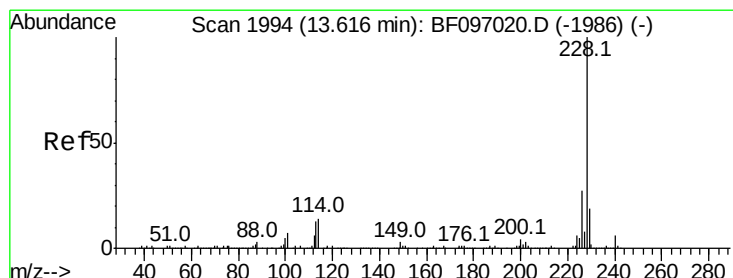
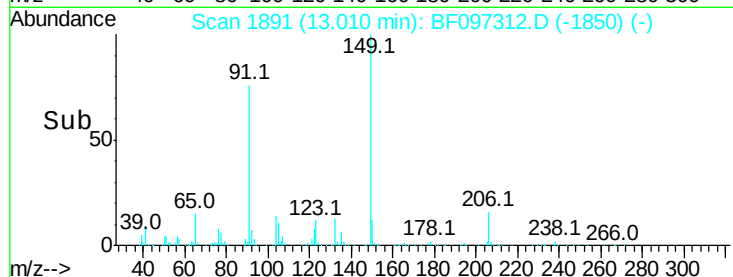
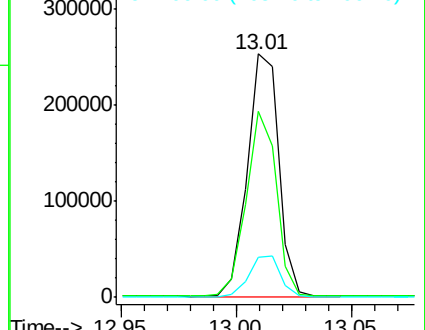
206 16.6 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 33.562 ng

RT: 13.57 min Scan# 1986

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

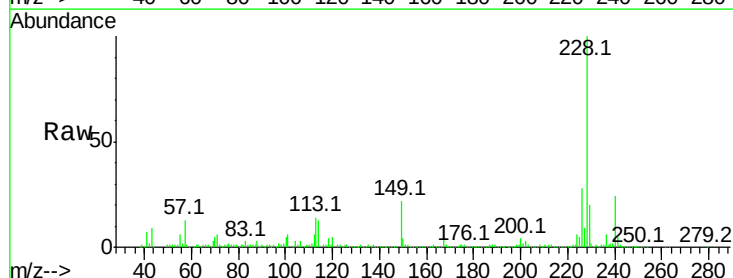
Tgt Ion:228 Resp: 364429

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

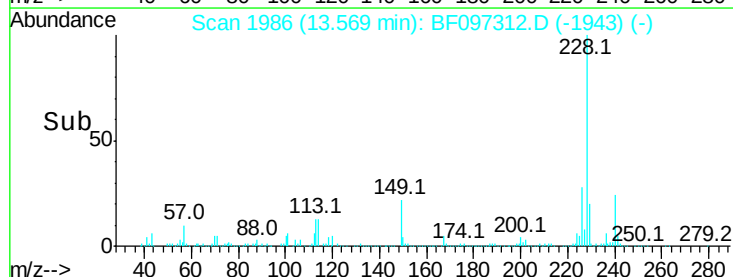
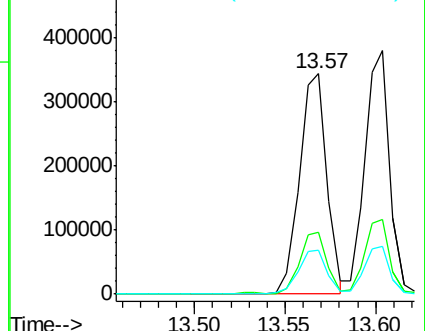
229 20.1 16.3 24.5

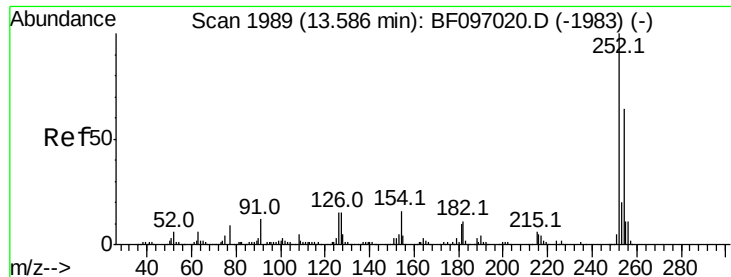


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

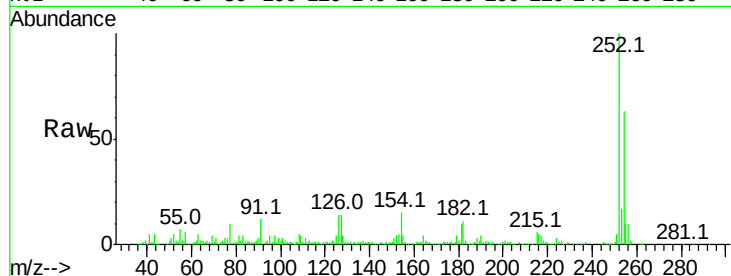




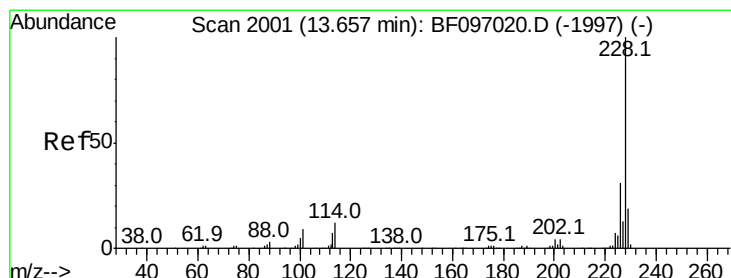
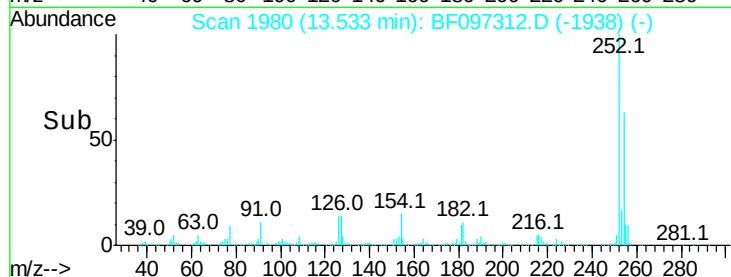
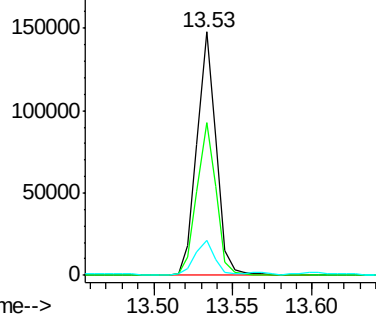
#81
 3,3'-Dichlorobenzidine
 Concen: 30.464 ng
 RT: 13.53 min Scan# 1980
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.5	77.3
126	14.2	15.8	23.8#

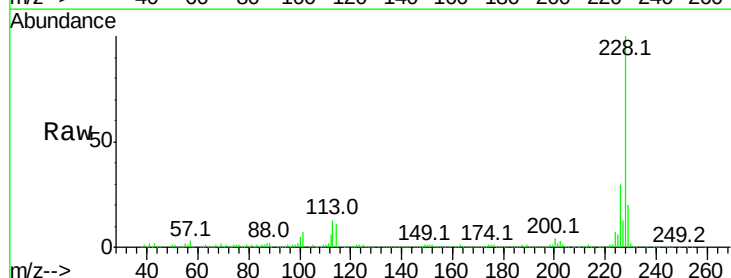


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

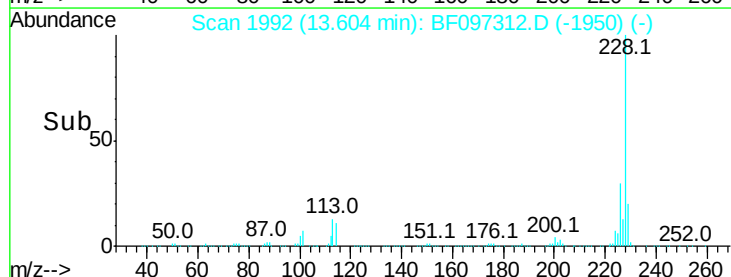
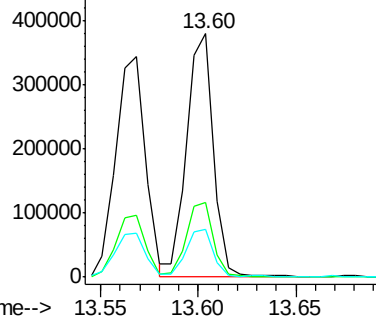


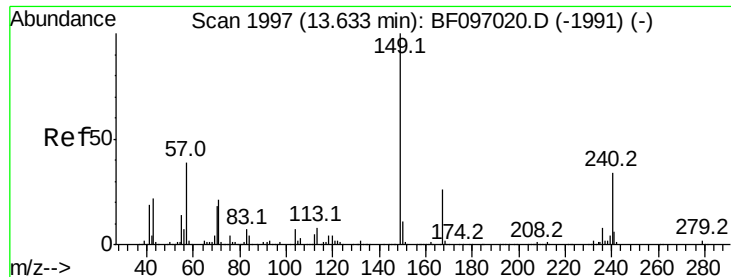
#82
 Chrysene
 Concen: 33.909 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.05 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.7	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.392 ng

RT: 13.58 min Scan# 1988

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampled :

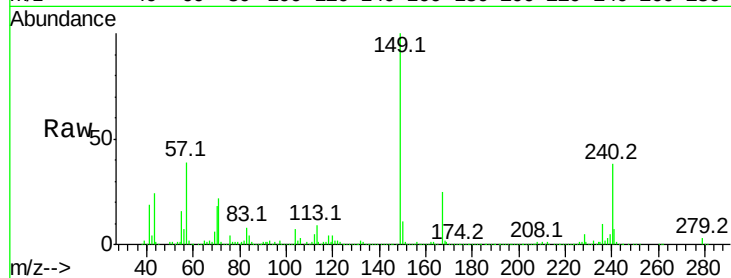
Tot Ion:149 Resp: 322937

Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

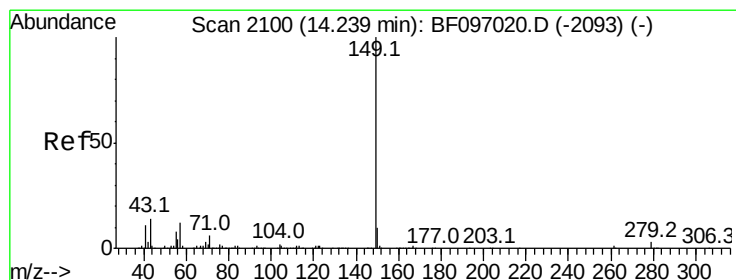
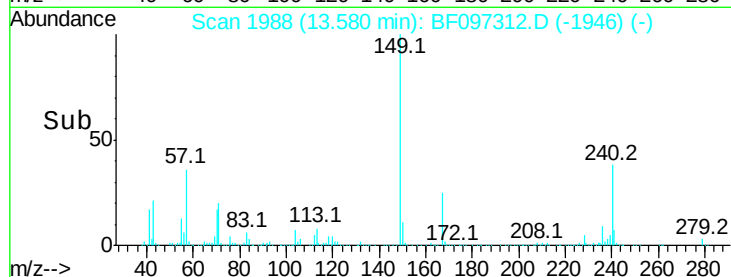
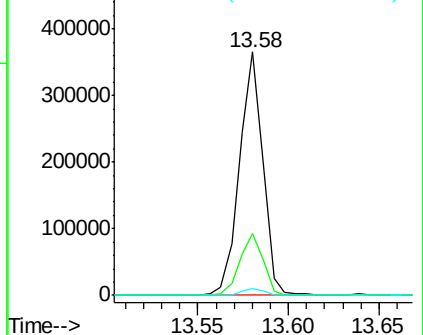
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.414 ng

RT: 14.19 min Scan# 2091

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

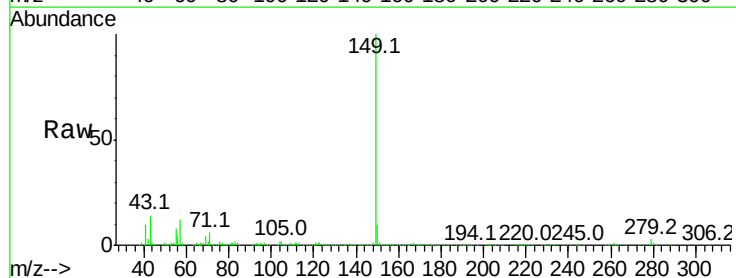
Tgt Ion:149 Resp: 559504

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

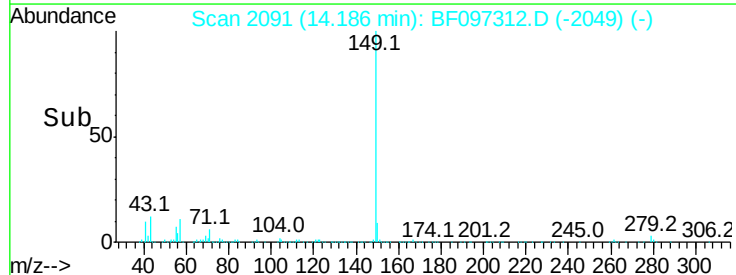
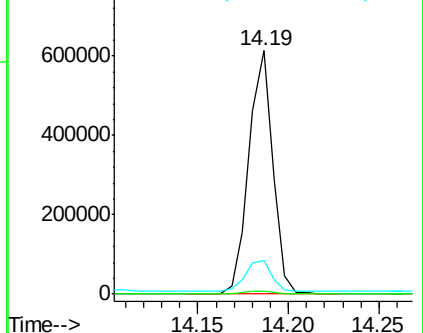
43 13.7 8.5 12.7#

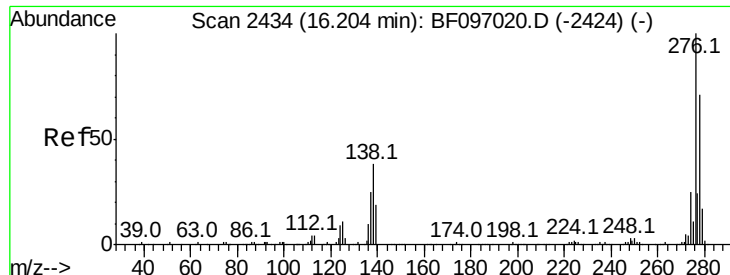


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

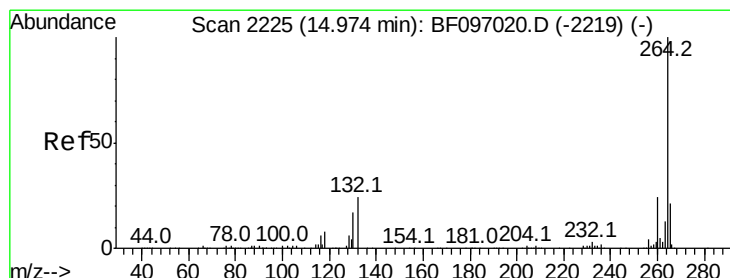
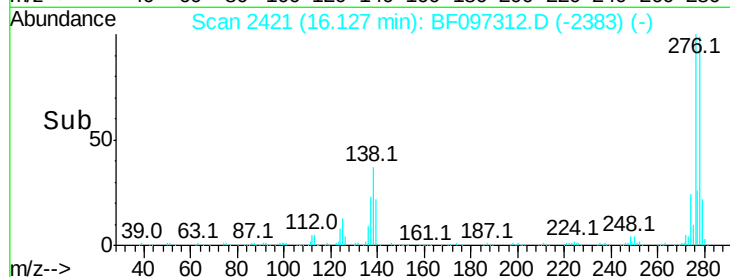
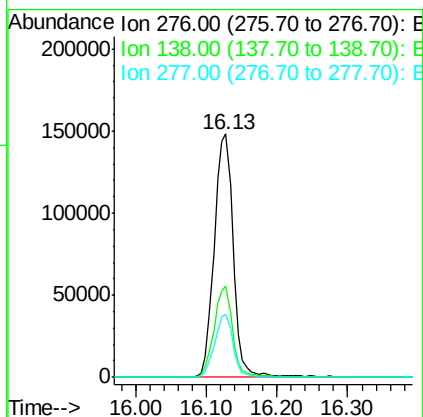
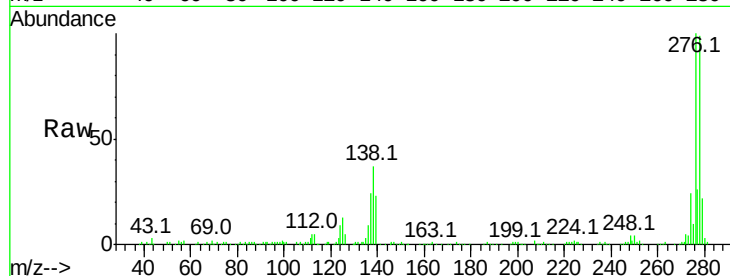




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.644 ng
 RT: 16.13 min Scan# 2421
 Delta R.T. -0.08 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

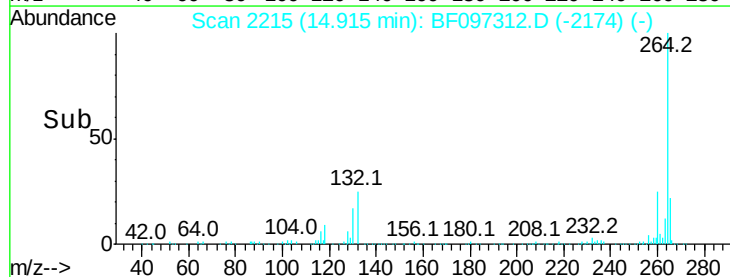
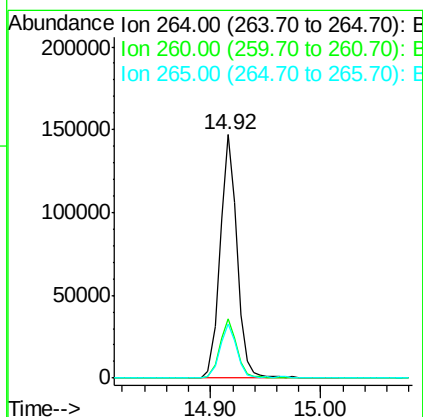
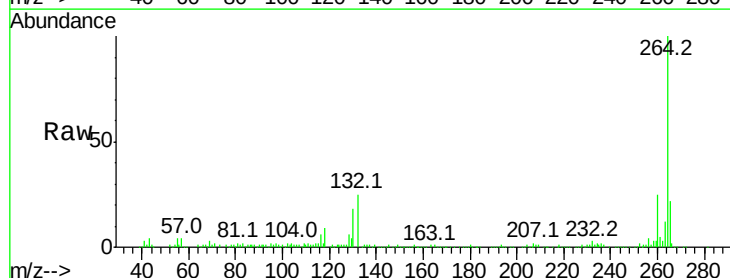
Instrument :
 BNA_F
 ClientSampleId :

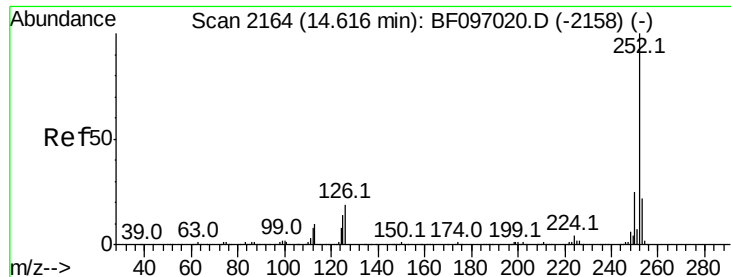
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.3	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.92 min Scan# 2215
 Delta R.T. -0.06 min
 Lab File: BF097312.D
 Acq: 3 Aug 2017 11:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 34.434 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

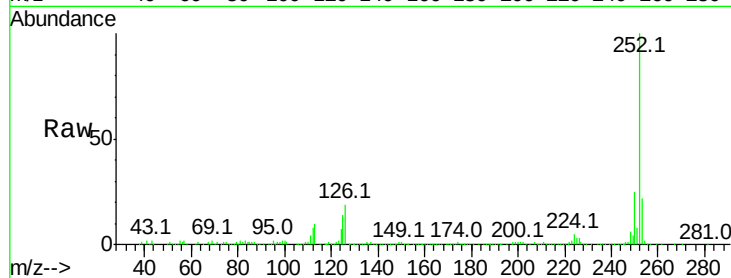
Tot Ion:252 Resp: 325412

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

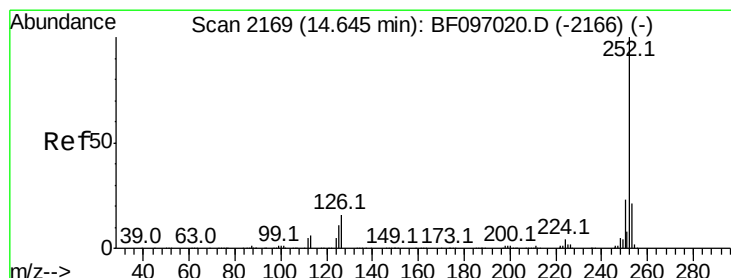
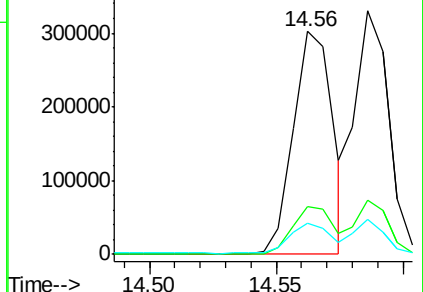
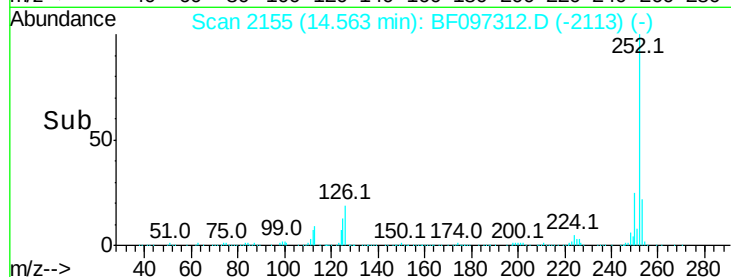
125 13.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.279 ng

RT: 14.59 min Scan# 2159

Delta R.T. -0.06 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

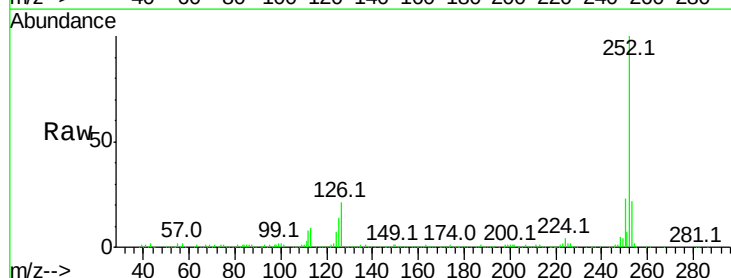
Tgt Ion:252 Resp: 308687

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

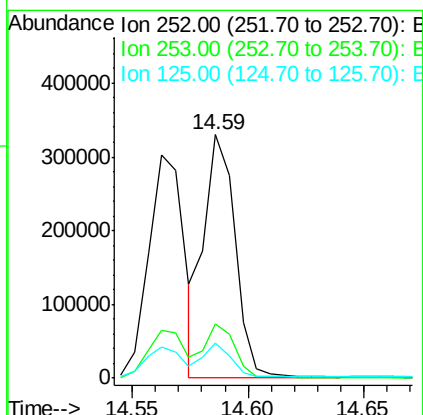
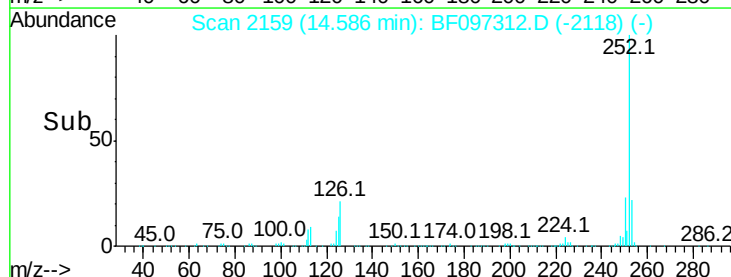
125 14.4 13.1 19.7

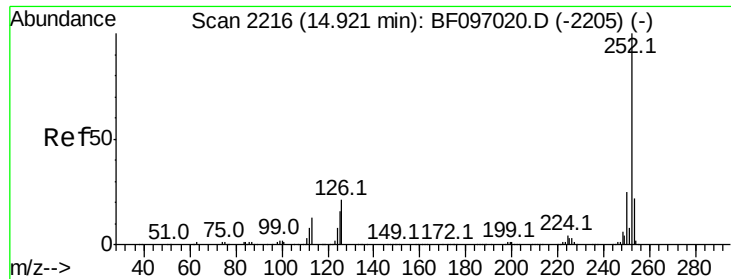


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.397 ng

RT: 14.87 min Scan# 2207

Delta R.T. -0.05 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

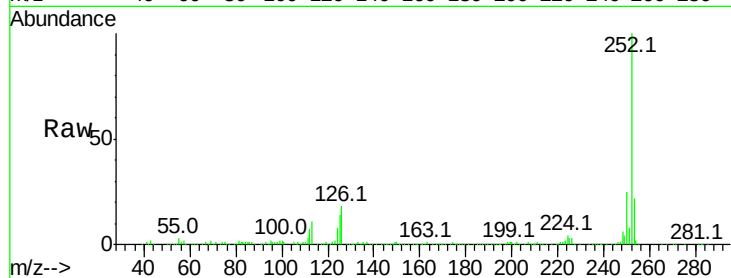
Tot Ion:252 Resp: 306152

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

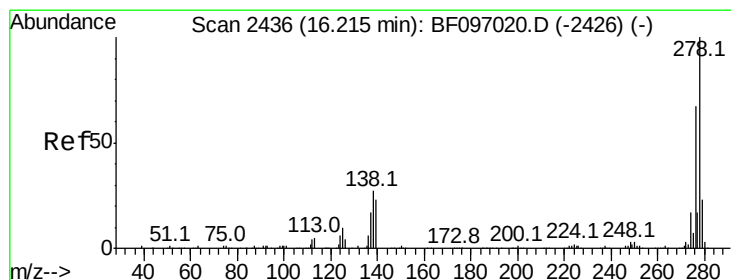
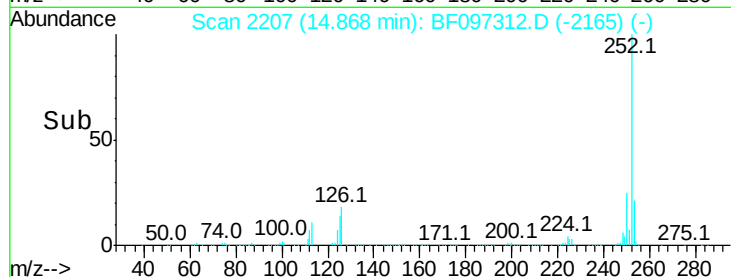
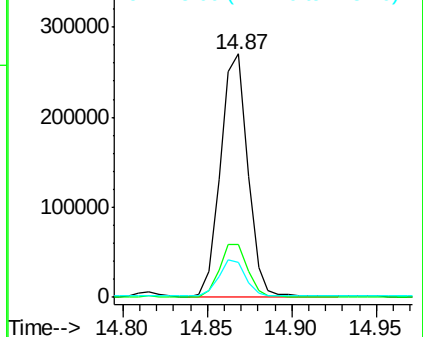
125 14.1 11.0 16.4



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: 33.181 ng

RT: 16.13 min Scan# 2421

Delta R.T. -0.09 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

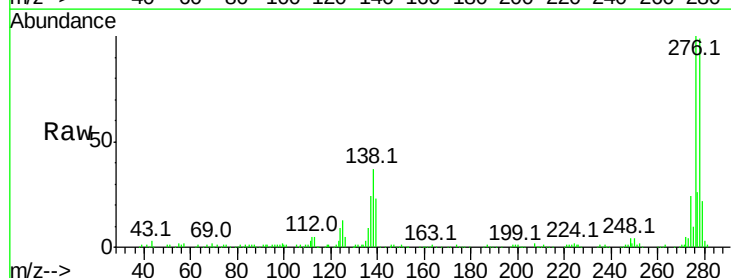
Tgt Ion:278 Resp: 235341

Ion Ratio Lower Upper

278 100

139 22.8 16.6 24.8

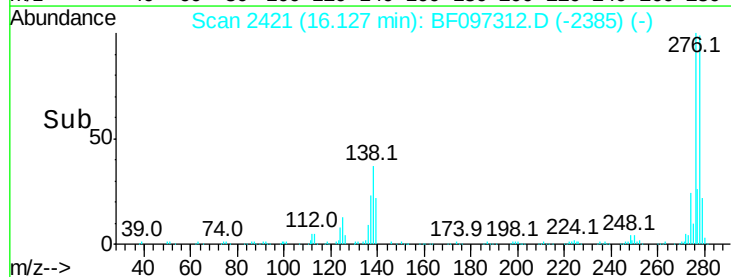
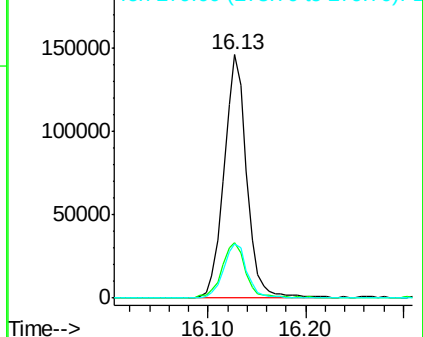
279 22.2 19.3 28.9

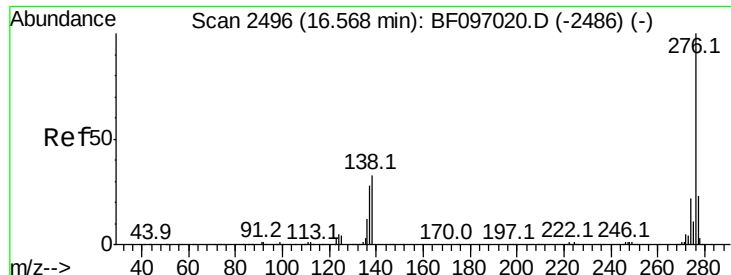


Abundance Ion 278.00 (277.70 to 278.70): E

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: 29.554 ng

RT: 16.48 min Scan# 2481

Delta R.T. -0.09 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA_F

ClientSampleId :

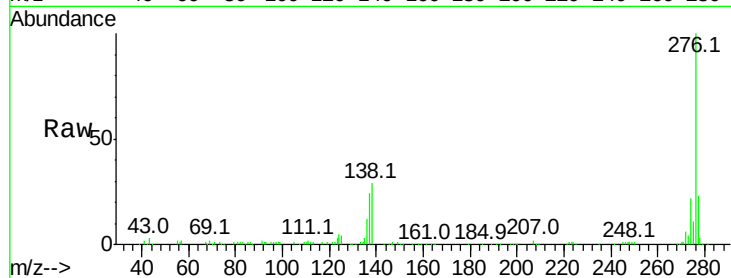
Tot Ion:276 Resp: 219820

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 29.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

