

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097282.D
 Acq On : 2 Aug 2017 19:20
 Operator : SJ/JU
 Sample : I4534-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 23:09:54 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	117482	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	502734	20.00	ng	-0.05
38) Acenaphthene-d10	9.48	164	221107	20.00	ng	-0.05
63) Phenanthrene-d10	10.95	188	366104	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	223101	20.00	ng	-0.05
86) Perylene-d12	14.92	264	201364	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	759049	97.40	ng	-0.04
7) Phenol-d6	6.13	99	892153	100.28	ng	-0.04
23) Nitrobenzene-d5	7.03	82	575528	67.16	ng	-0.05
41) 2,4,6-Tribromophenol	10.27	330	196233	112.33	ng	-0.05
44) 2-Fluorobiphenyl	8.82	172	887614	68.13	ng	-0.05
78) Terphenyl-d14	12.53	244	725256	66.28	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	1.98	88	94936	29.19	ng	# 71
3) Pyridine	2.59	79	267189	26.83	ng	# 62
4) n-Nitrosodimethylamine	2.54	42	177614	32.19	ng	# 78
6) Aniline	6.12	93	353801	31.60	ng	92
8) 2-Chlorophenol	6.25	128	285717	34.29	ng	98
9) Benzaldehyde	5.99	77	163427	31.03	ng	96
10) Phenol	6.14	94	372214	35.27	ng	95
11) bis(2-Chloroethyl)ether	6.20	93	270325	32.39	ng	90
12) 1,3-Dichlorobenzene	6.39	146	287166	31.98	ng	98
13) 1,4-Dichlorobenzene	6.47	146	328621	36.92	ng	95
14) 1,2-Dichlorobenzene	6.62	146	280263	36.07	ng	99
15) Benzyl Alcohol	6.62	79	245205	43.53	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.75	45	634028	37.87	ng	61
17) 2-Methylphenol	6.74	107	251713	39.14	ng	# 89
18) Hexachloroethane	6.96	117	107407	32.99	ng	# 80
19) n-Nitroso-di-n-propylamine	6.89	70	209280	35.74	ng	# 82
20) 3+4-Methylphenols	6.90	107	325888	38.80	ng	# 63
22) Acetophenone	6.87	105	410690	34.02	ng	97
24) Nitrobenzene	7.05	77	302582	33.90	ng	91
25) Isophorone	7.29	82	615542	36.68	ng	99
26) 2-Nitrophenol	7.36	139	164247	34.01	ng	91
27) 2,4-Dimethylphenol	7.42	122	264255	33.18	ng	96
28) bis(2-Chloroethoxy)methane	7.50	93	386608	35.30	ng	98
29) 2,4-Dichlorophenol	7.61	162	269594	39.29	ng	94
30) 1,2,4-Trichlorobenzene	7.68	180	237484	36.31	ng	97
31) Naphthalene	7.76	128	891576	37.62	ng	99
32) Benzoic acid	7.54	122	38142	6.41	ng	# 78
33) 4-Chloroaniline	7.82	127	339339	35.19	ng	99
34) Hexachlorobutadiene	7.88	225	117191	33.80	ng	97
35) Caprolactam	8.19	113	45552	20.70	ng	# 56
36) 4-Chloro-3-methylphenol	8.33	107	282210	37.70	ng	90
37) 2-Methylnaphthalene	8.45	142	548817	36.58	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	206608	35.02	ng	99
40) Hexachlorocyclopentadiene	8.60	237	113102	56.90	ng	100

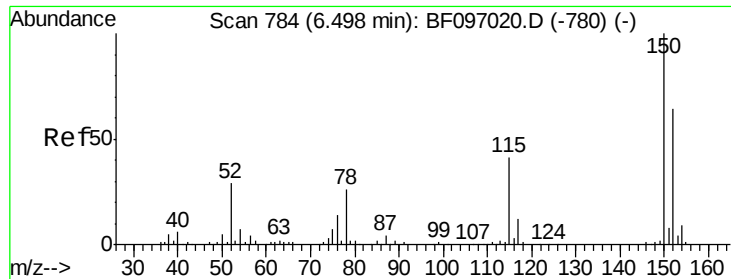
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	142722	33.38	nq	98
43) 2,4,5-Trichlorophenol	8.79	196	152127	35.55	nq	97
45) 1,1'-Biphenyl	8.91	154	619526	32.80	nq	98
46) 2-Chloronaphthalene	8.93	162	473230	34.05	nq	94
47) 2-Nitroaniline	9.04	65	213468	42.32	nq	97
48) Acenaphthylene	9.34	152	718070	33.66	nq	99
49) Dimethylphthalate	9.23	163	760832	45.31	nq	99
50) 2,6-Dinitrotoluene	9.29	165	131123	36.82	nq	# 85
51) Acenaphthene	9.52	154	462544	36.81	nq	98
52) 3-Nitroaniline	9.45	138	162243	36.70	nq	96
53) 2,4-Dinitrophenol	9.57	184	69317	42.81	nq	# 75
54) Dibenzofuran	9.69	168	646508	38.63	nq	97
55) 4-Nitrophenol	9.65	139	154280	58.69	nq	# 69
56) 2,4-Dinitrotoluene	9.69	165	167839	41.00	nq	# 73
57) Fluorene	10.03	166	486519	38.68	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	123456	41.78	nq	98
59) Diethylphthalate	9.92	149	583755	37.90	nq	99
60) 4-Chlorophenyl-phenylether	10.02	204	200324	38.57	nq	97
61) 4-Nitroaniline	10.07	138	159520	37.98	nq	93
62) Azobenzene	10.18	77	651821	45.61	nq	92
64) 4,6-Dinitro-2-methylphenol	10.10	198	94781	41.66	nq	90
65) n-Nitrosodiphenylamine	10.15	169	499666	39.23	nq	96
66) 4-Bromophenyl-phenylether	10.50	248	141387	38.70	nq	93
67) Hexachlorobenzene	10.57	284	146669	35.80	nq	# 89
68) Atrazine	10.68	200	151248	41.41	nq	93
69) Pentachlorophenol	10.77	266	111229	65.61	nq	99
70) Phenanthrene	10.98	178	756202	38.55	nq	98
71) Anthracene	11.03	178	771136	38.38	nq	99
72) Carbazole	11.19	167	763605	38.65	nq	99
73) Di-n-butylphthalate	11.53	149	929827	38.07	nq	98
74) Fluoranthene	12.16	202	812185	42.26	nq	98
76) Benzidine	12.29	184	441860	53.38	nq	# 93
77) Pyrene	12.38	202	780715	42.74	nq	99
79) Butylbenzylphthalate	13.02	149	430818	46.37	nq	# 81
80) Benzo(a)anthracene	13.56	228	552878	38.30	nq	99
81) 3,3'-Dichlorobenzidine	13.53	252	159650	29.33	nq	# 97
82) Chrysene	13.60	228	542673	38.50	nq	100
83) Bis(2-ethylhexyl)phthalate	13.58	149	495341	40.83	nq	98
84) Di-n-octyl phthalate	14.19	149	871795	39.16	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.13	276	430912	35.65	nq	98
87) Benzo(b)fluoranthene	14.56	252	471626	38.96	nq	97
88) Benzo(k)fluoranthene	14.59	252	419484	36.37	nq	98
89) Benzo(a)pyrene	14.87	252	420874	37.99	nq	98
90) Dibenzo(a,h)anthracene	16.13	278	350551	38.59	nq	# 95
91) Benzo(g,h,i)perylene	16.48	276	385549	40.47	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampled :

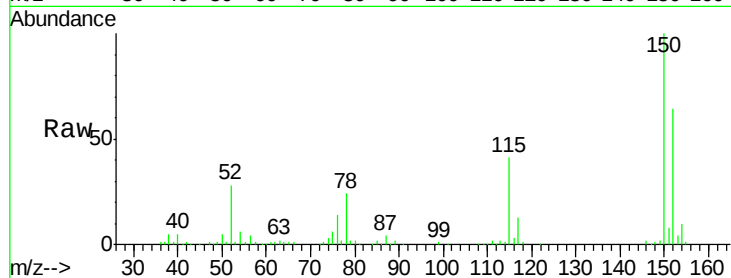
Tot Ion:152 Resp: 117482

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

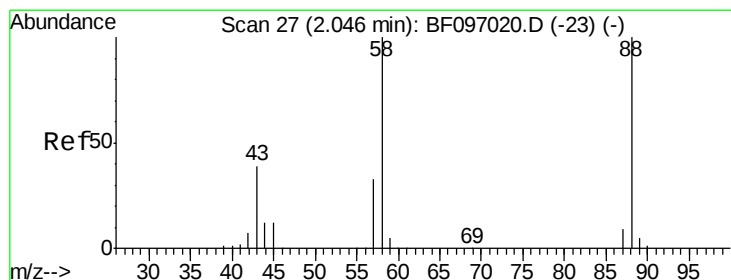
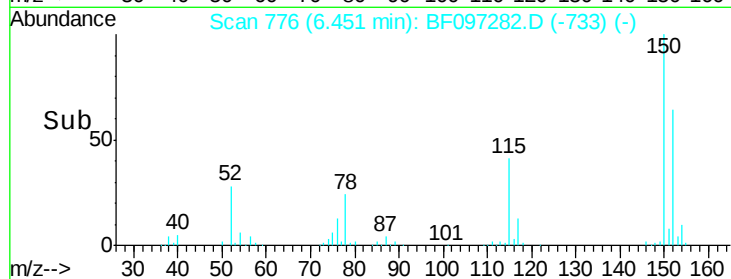
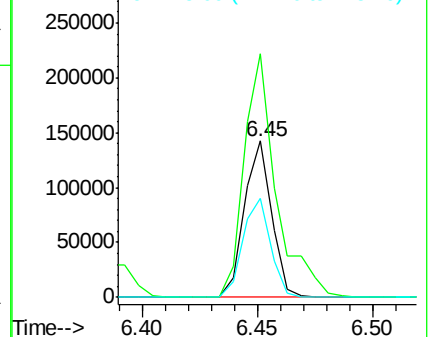
115 63.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.19 ng

RT: 1.98 min Scan# 16

Delta R.T. -0.06 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

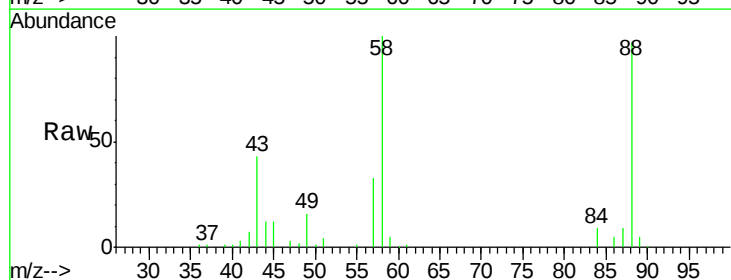
Tgt Ion: 88 Resp: 94936

Ion Ratio Lower Upper

88 100

58 103.6 61.4 92.0#

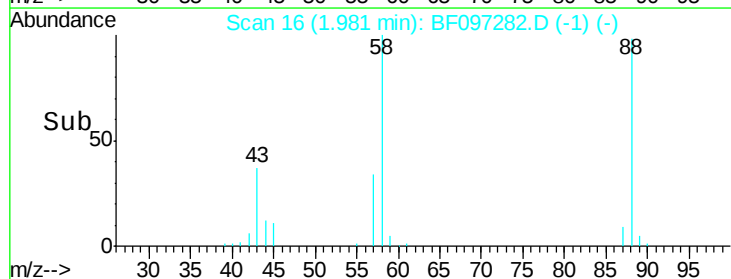
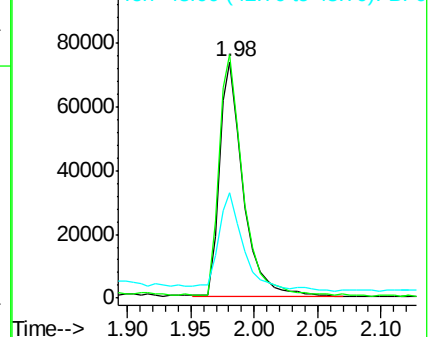
43 41.5 23.4 35.0#

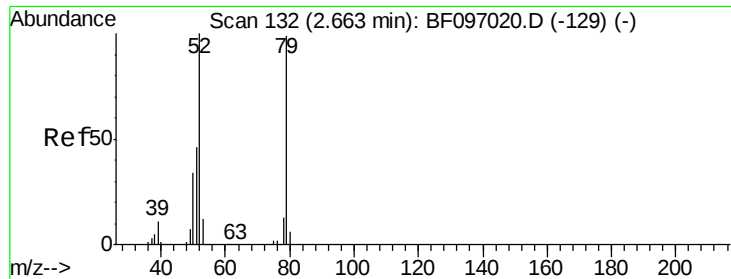


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.83 ng

RT: 2.59 min Scan# 119

Delta R.T. -0.08 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :

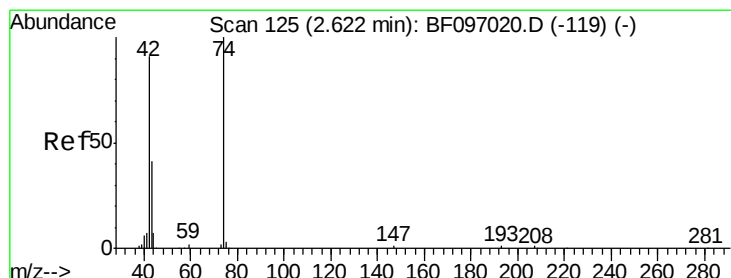
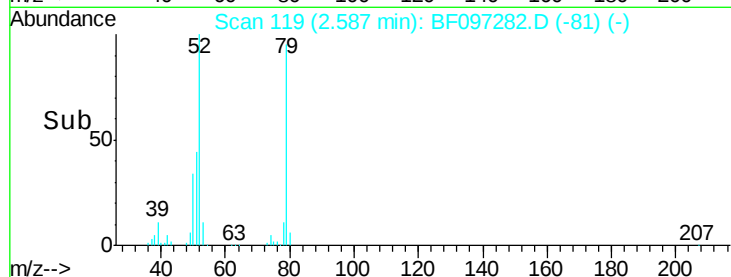
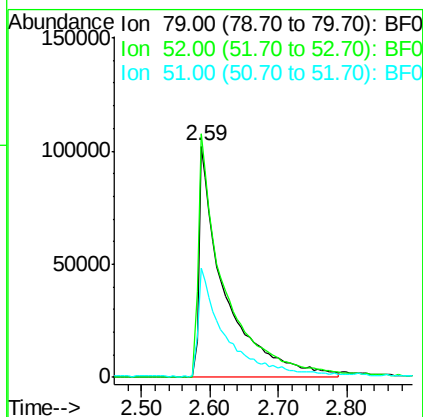
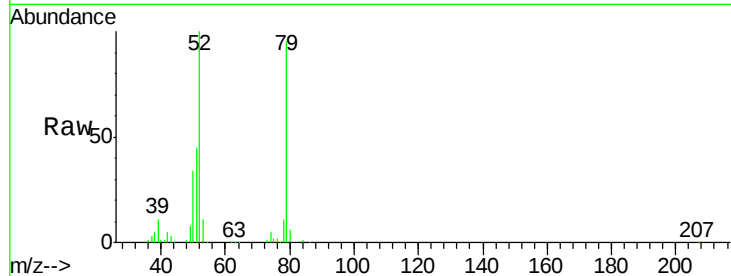
Tot Ion: 79 Resp: 267189

Ion Ratio Lower Upper

79 100

52 105.2 54.8 82.2#

51 47.4 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 32.19 ng

RT: 2.54 min Scan# 111

Delta R.T. -0.08 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

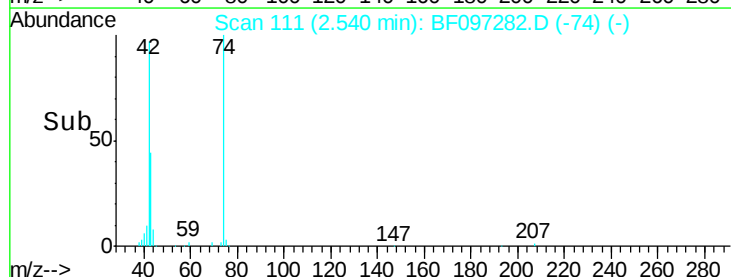
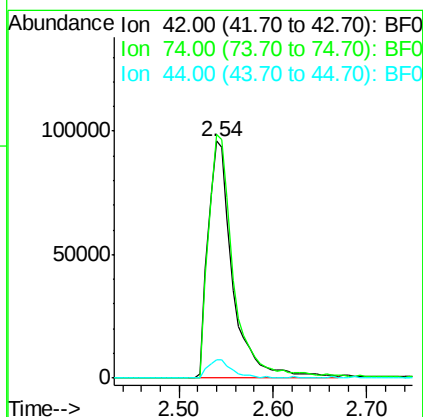
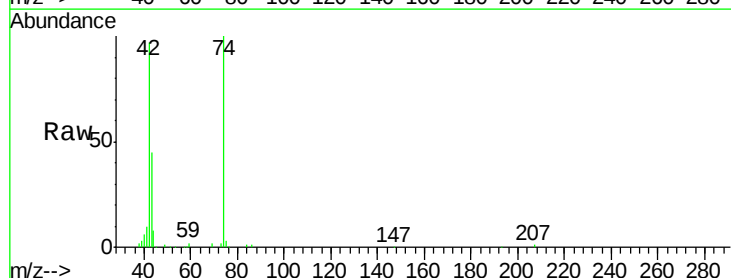
Tgt Ion: 42 Resp: 177614

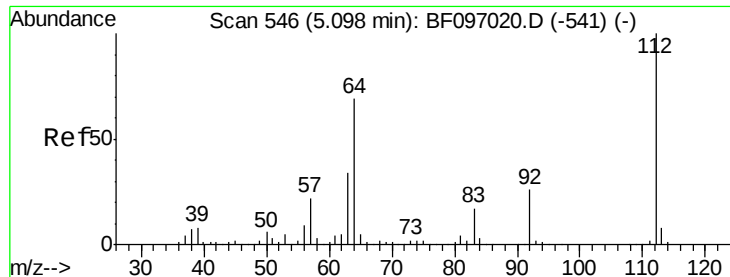
Ion Ratio Lower Upper

42 100

74 102.7 103.9 155.9#

44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 97.40 ng

RT: 5.06 min Scan# 539

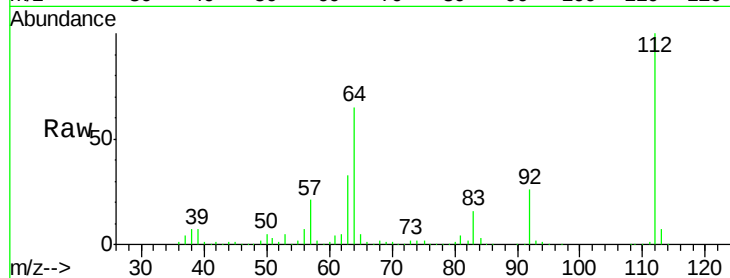
Delta R.T. -0.04 min

Lab File: BF097282.D

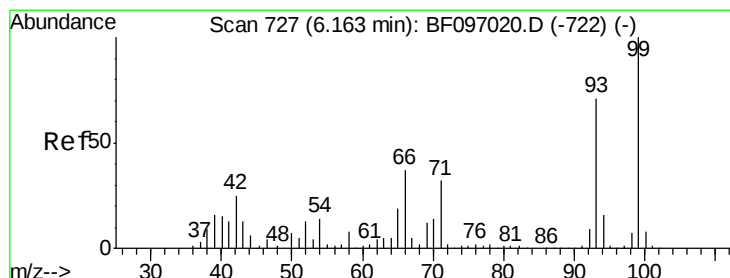
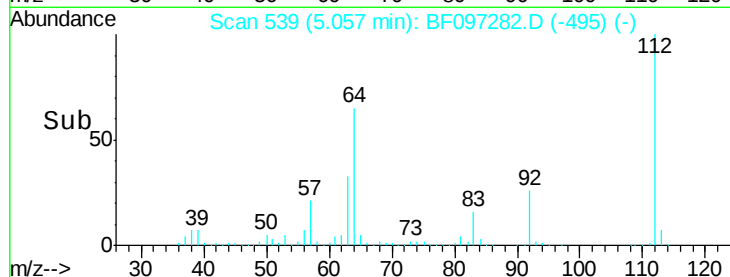
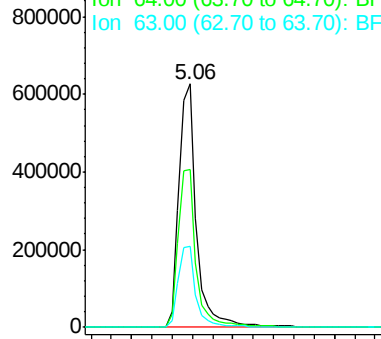
Acq: 2 Aug 2017 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	759049
Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	33.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 31.60 ng

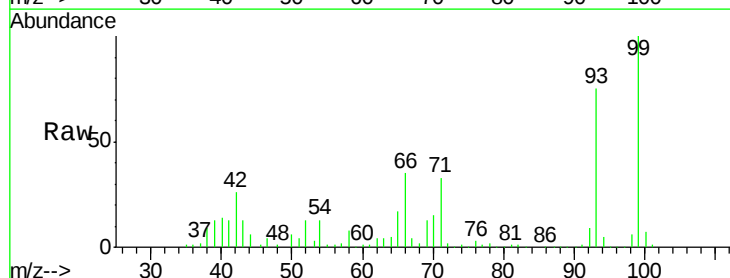
RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

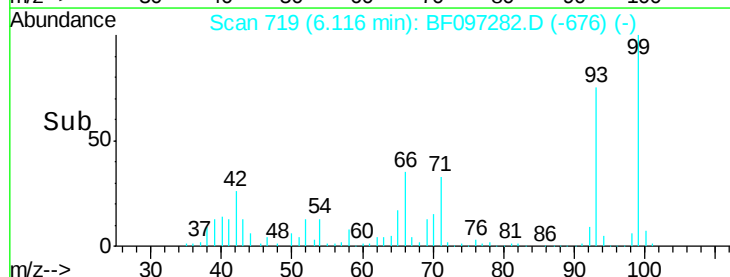
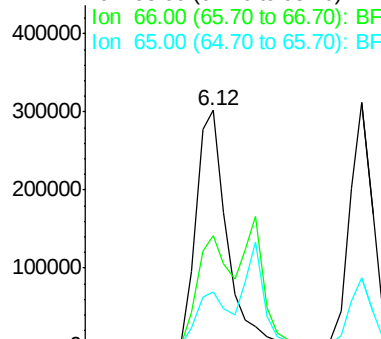
Lab File: BF097282.D

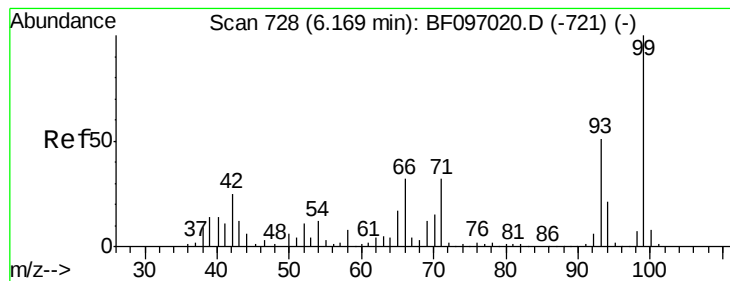
Acq: 2 Aug 2017 19:20

Tgt Ion:	93	Resp:	353801
Ion	Ratio	Lower	Upper
93	100		
66	46.9	32.9	49.3
65	22.8	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 100.28 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampled :

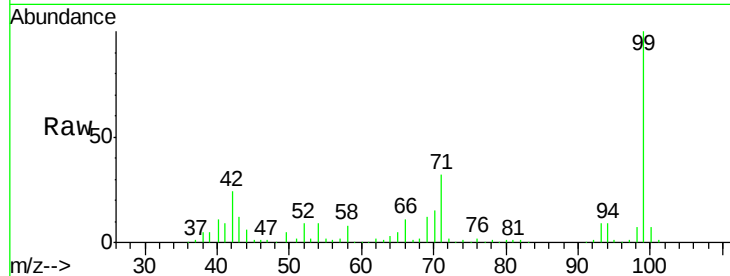
Tot Ion: 99 Resp: 892153

Ion Ratio Lower Upper

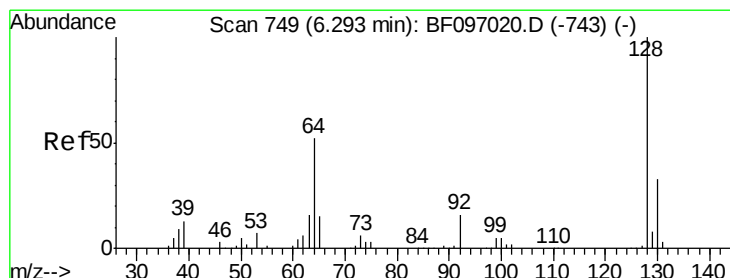
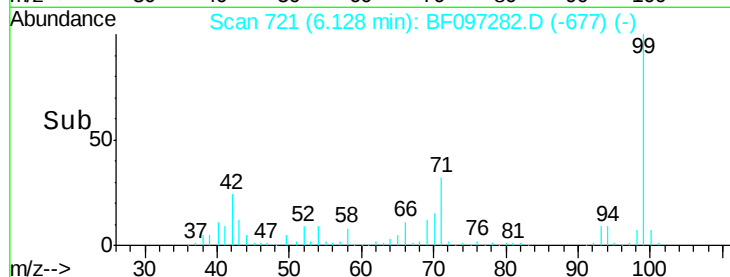
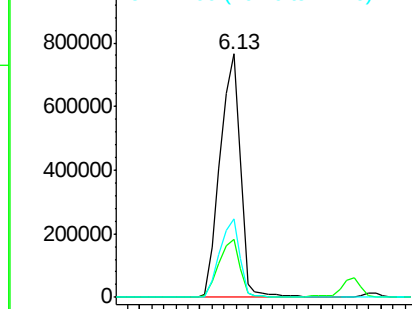
99 100

42 24.0 13.5 20.3#

71 32.4 24.5 36.7



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



#8

2-Chlorophenol

Concen: 34.29 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

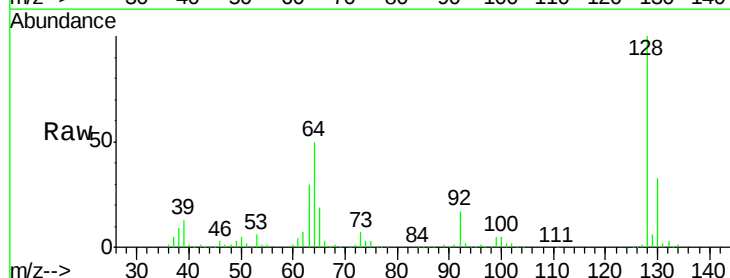
Tgt Ion:128 Resp: 285717

Ion Ratio Lower Upper

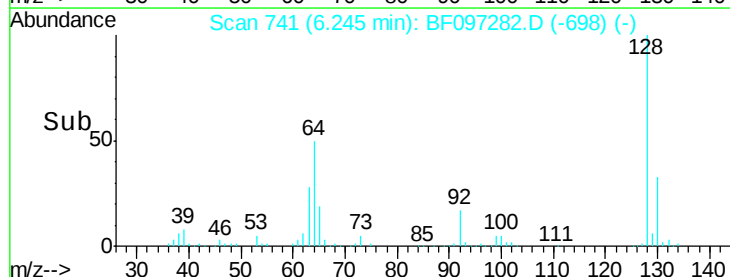
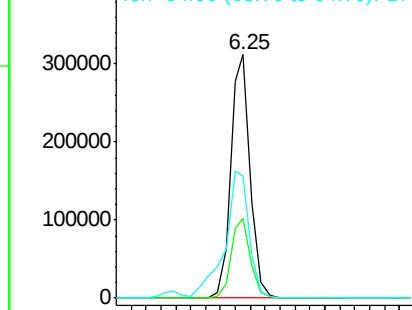
128 100

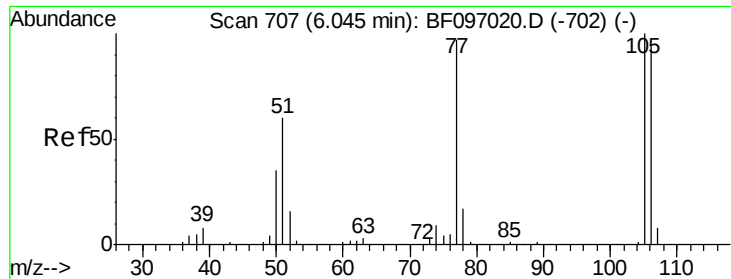
130 32.6 12.9 52.9

64 50.4 28.4 68.4



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

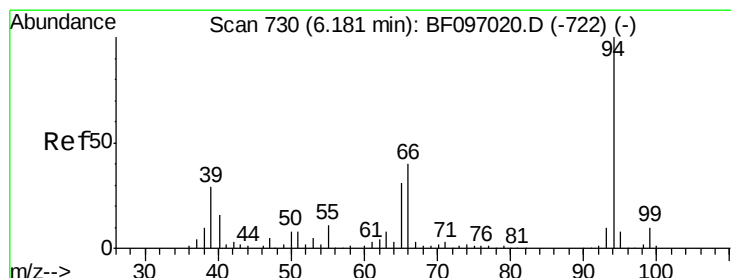
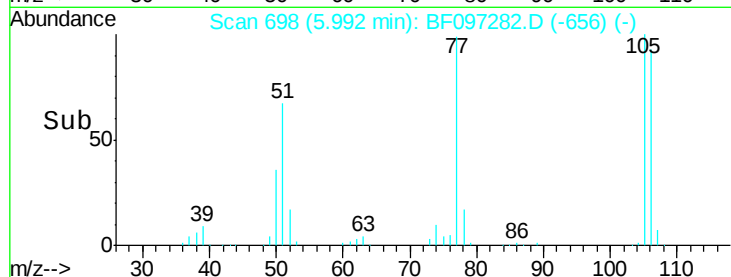
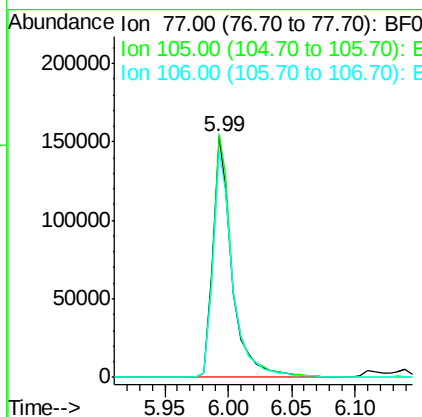
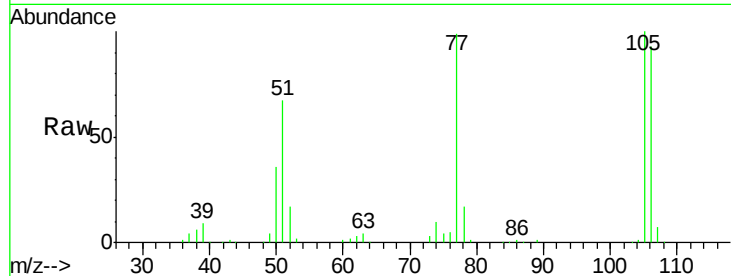




#9
Benzaldehyde
Concen: 31.03 ng
RT: 5.99 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

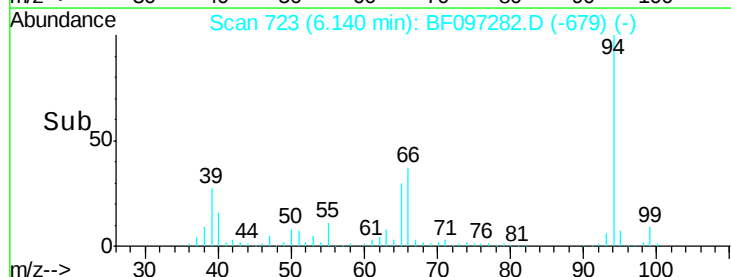
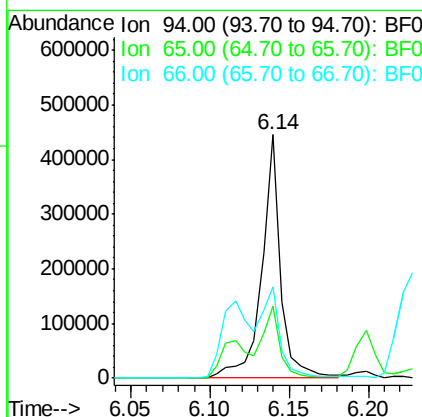
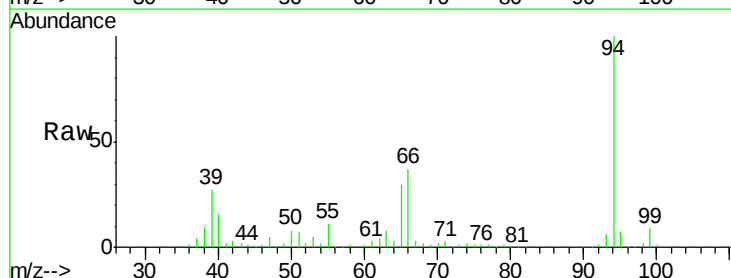
Instrument :
BNA_F
ClientSampleId :

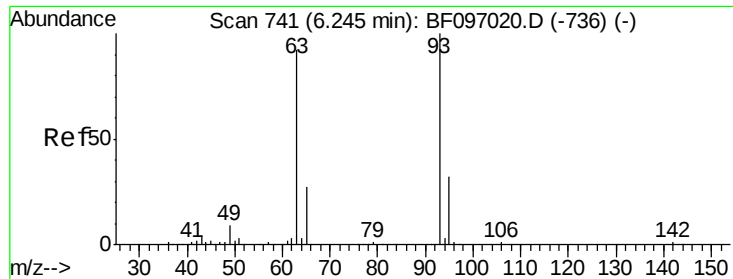
Tot Ion: 77 Resp: 163427
Ion Ratio Lower Upper
77 100
105 101.2 83.8 123.8
106 94.0 79.1 119.1



#10
Phenol
Concen: 35.27 ng
RT: 6.14 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion: 94 Resp: 372214
Ion Ratio Lower Upper
94 100
65 29.8 9.9 49.9
66 37.3 23.1 63.1



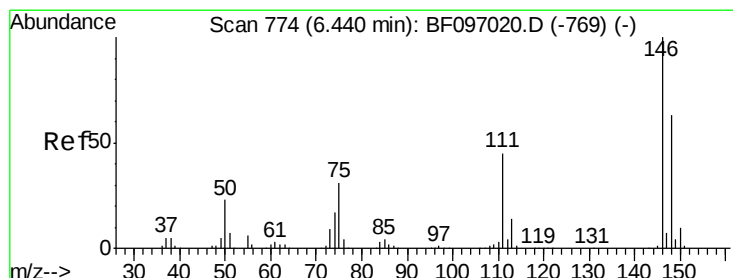
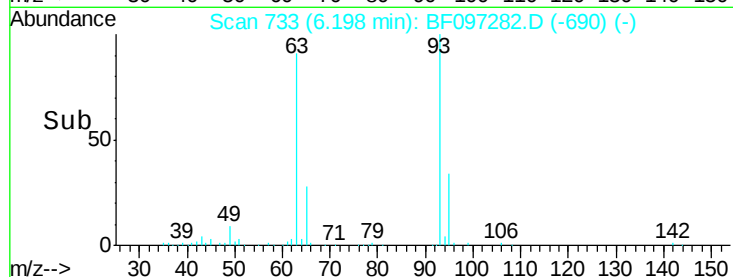
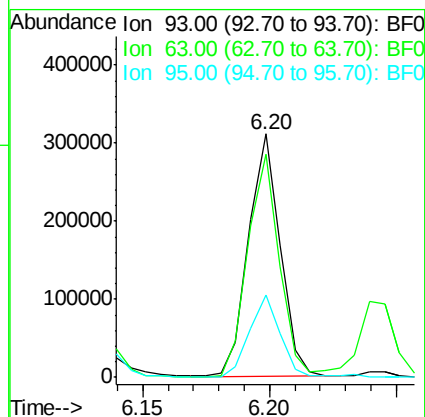
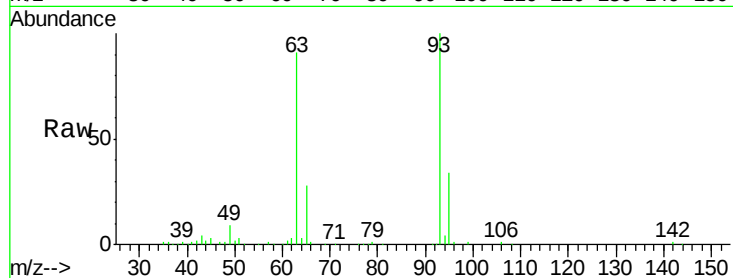


#11

bis(2-Chloroethyl)ether
Concen: 32.39 ng
RT: 6.20 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Instrument :
BNA_F
ClientSampled :

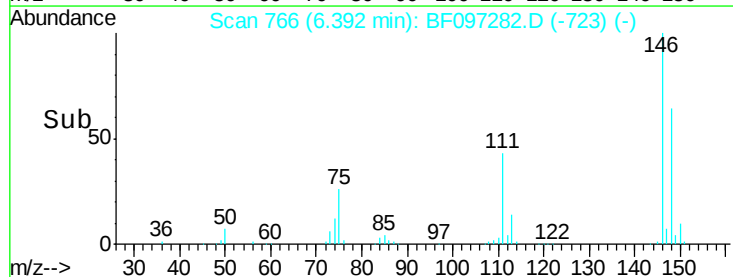
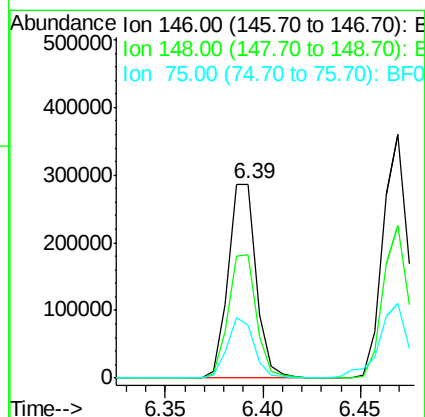
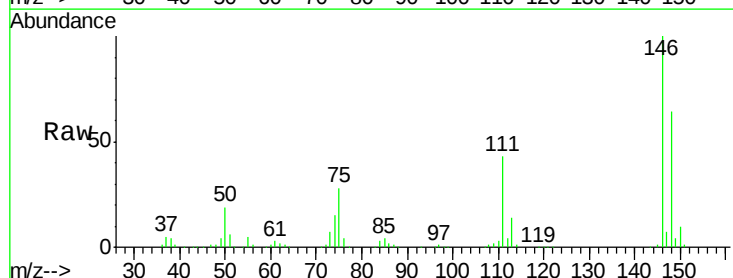
Tot Ion	93	Resp	270325
Ion Ratio	Lower	Upper	
93	100		
63	91.4	59.2	99.2
95	33.6	12.8	52.8

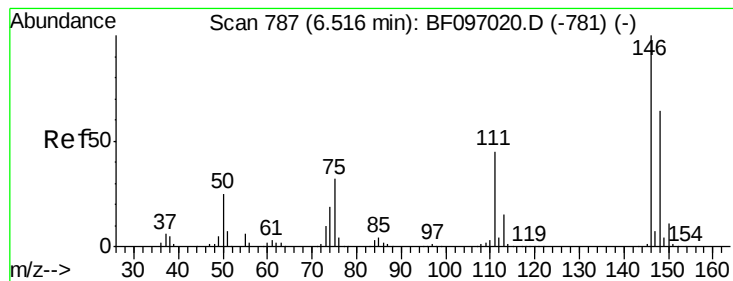


#12

1,3-Dichlorobenzene
Concen: 31.98 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion	146	Resp	287166
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
75	27.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 36.92 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampled :

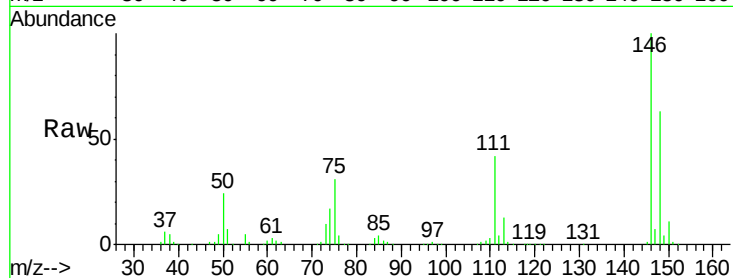
Tot Ion:146 Resp: 328621

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

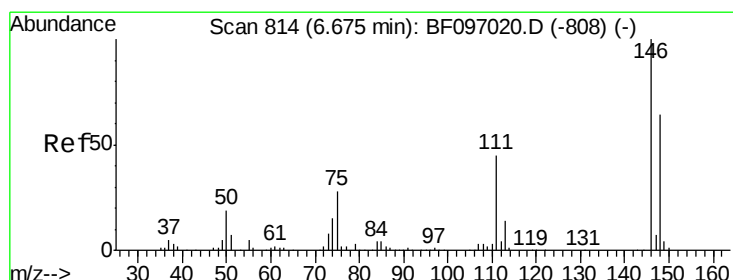
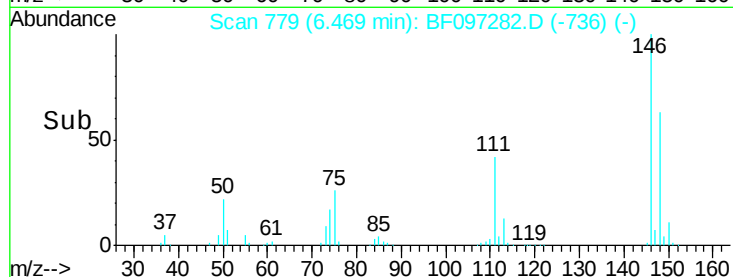
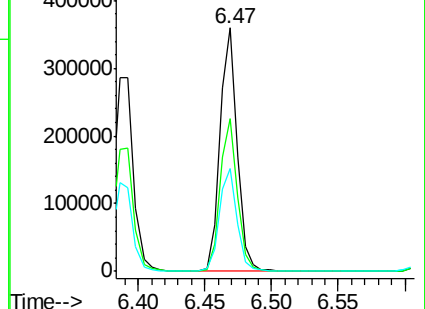
111 42.5 30.3 45.5



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: 36.07 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

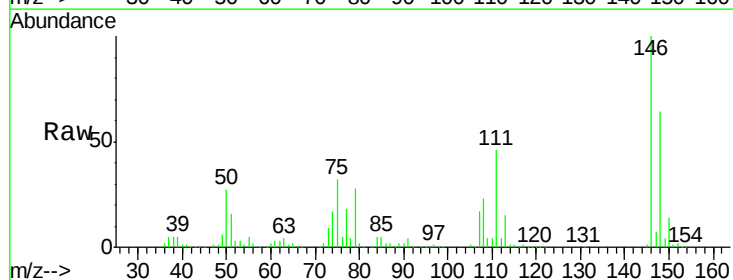
Tgt Ion:146 Resp: 280263

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

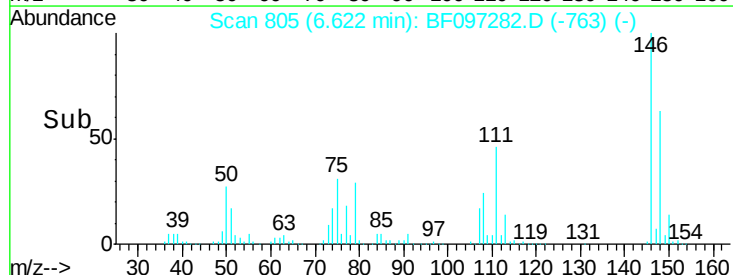
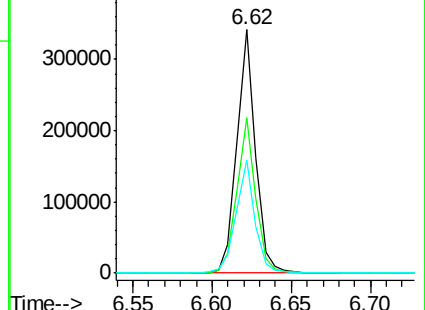
111 46.3 38.2 57.4

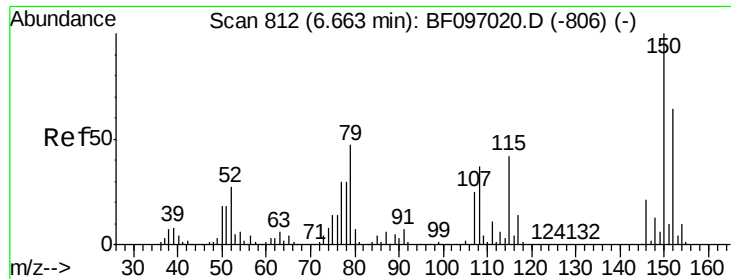


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.53 ng

RT: 6.62 min Scan# 804

Delta R.T. -0.05 min

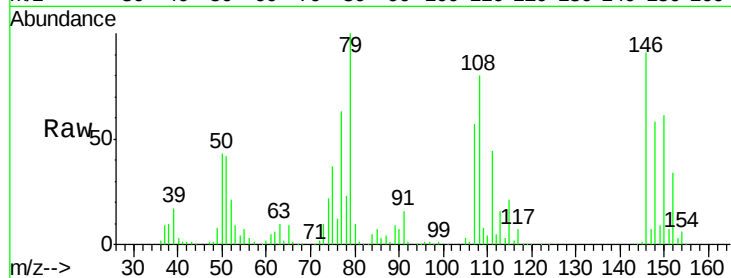
Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 245205

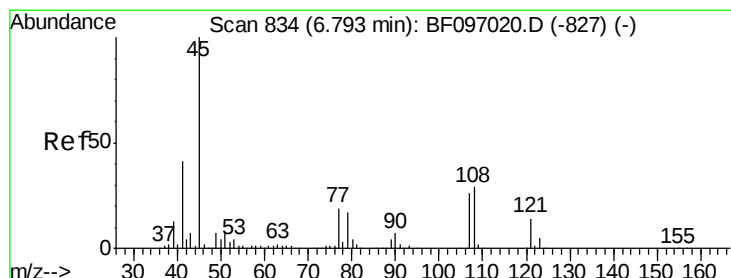
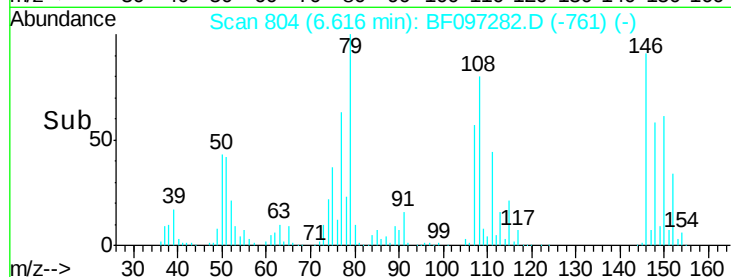
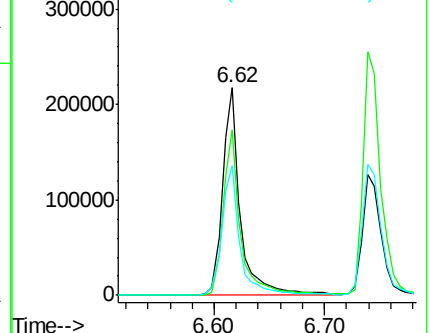
Ion	Ratio	Lower	Upper
79	100		
108	79.9	63.4	95.0
77	62.6	49.2	73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.87 ng

RT: 6.75 min Scan# 826

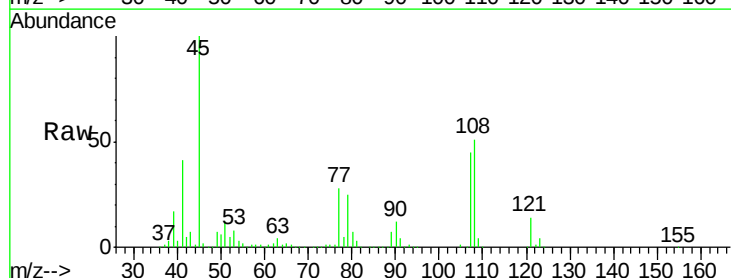
Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Tgt Ion: 45 Resp: 634028

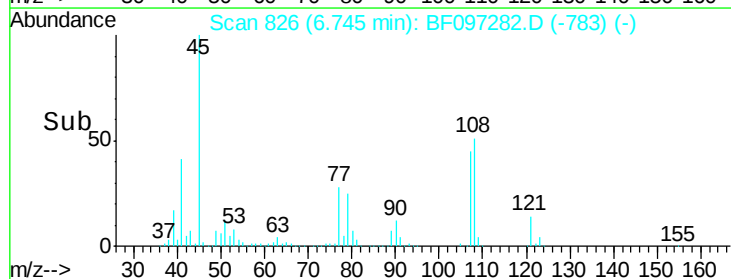
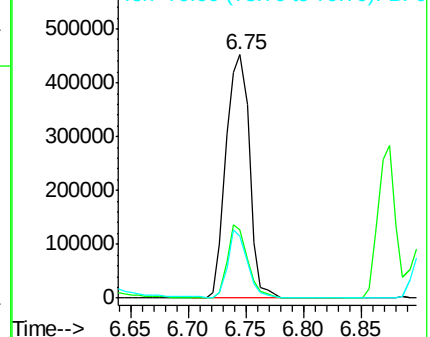
Ion	Ratio	Lower	Upper
45	100		
77	28.1	0.0	33.2
79	25.3	0.0	30.0

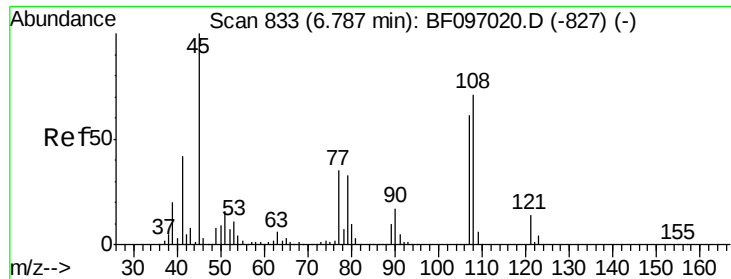


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

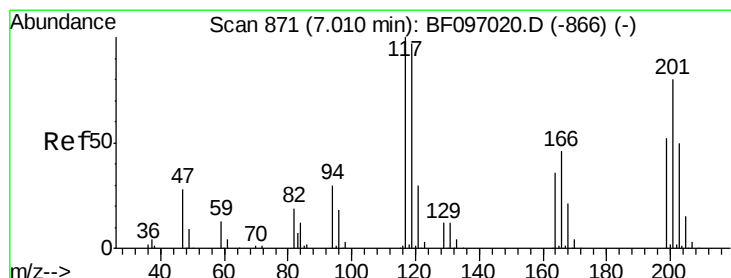
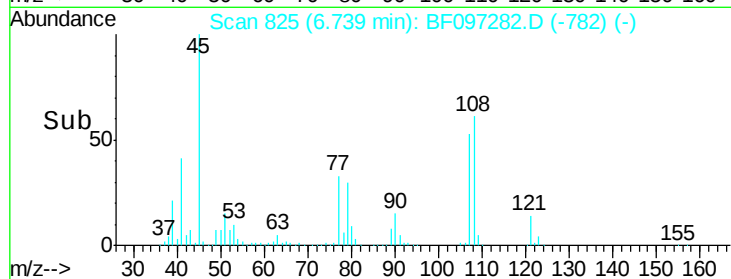
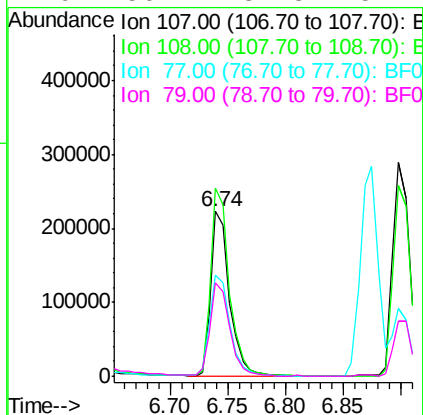
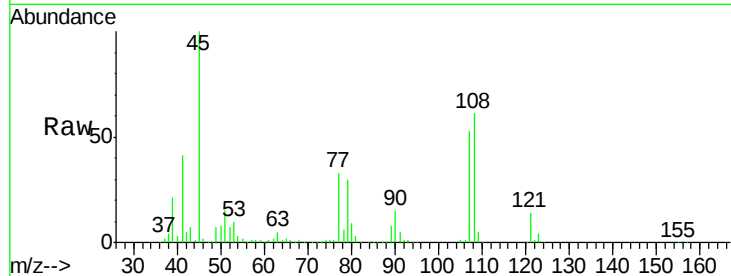




#17
2-Methylphenol
Concen: 39.14 ng
RT: 6.74 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

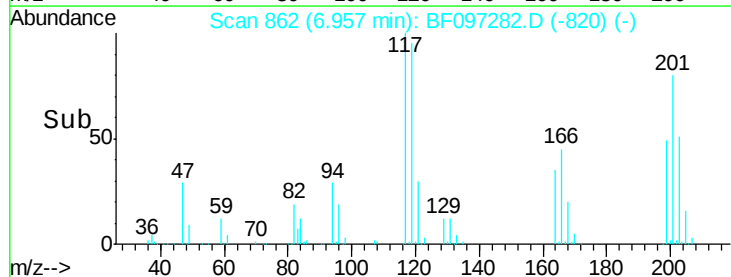
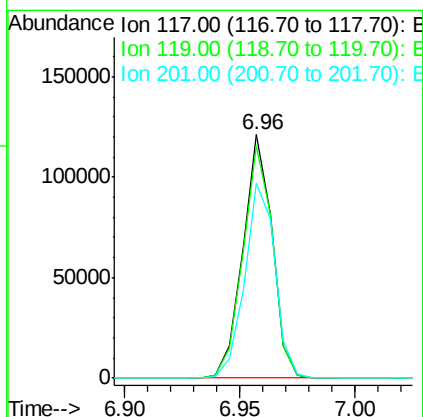
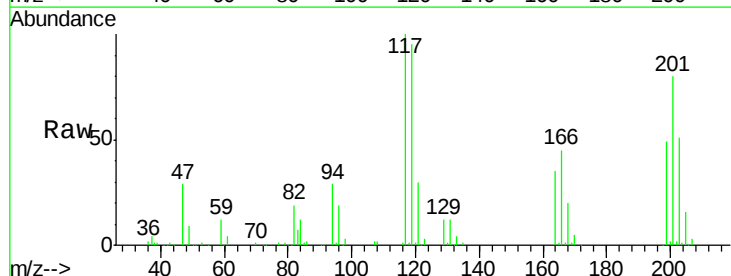
Instrument :
BNA_F
ClientSampleId :

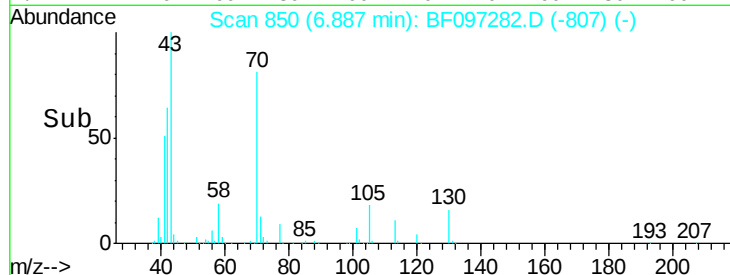
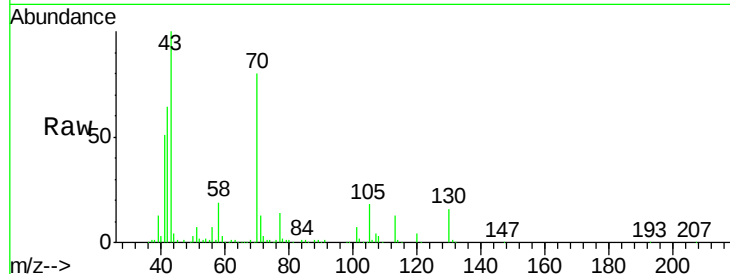
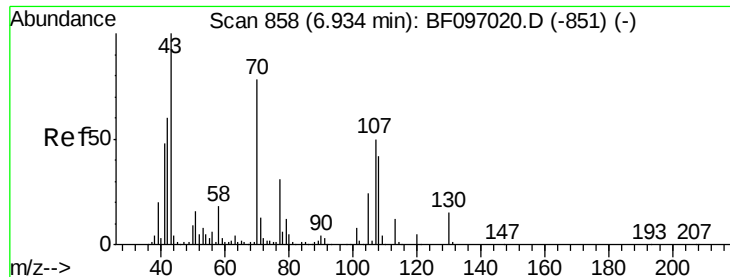
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.4	140.0
77	61.5	35.8	53.6#
79	56.7	34.8	52.2#



#18
Hexachloroethane
Concen: 32.99 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
201	80.0	94.6	141.8#

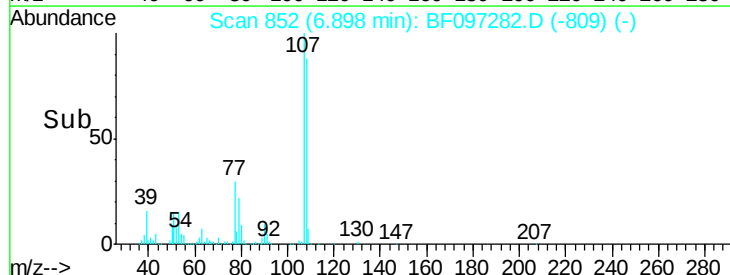
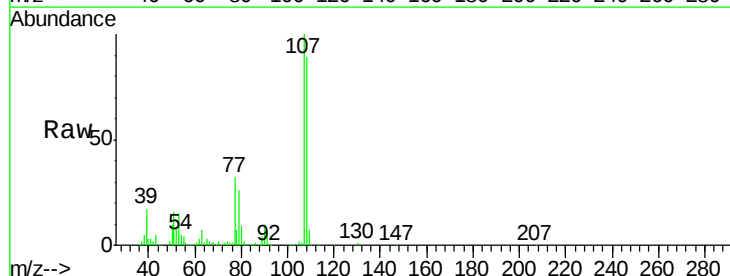
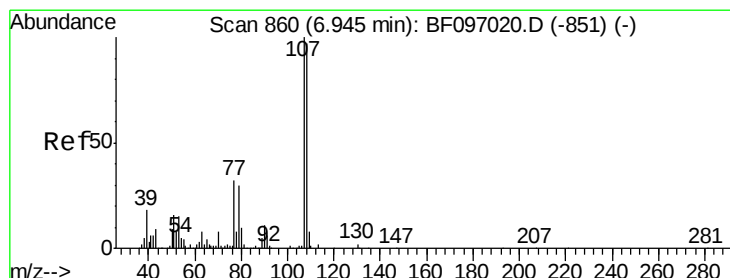
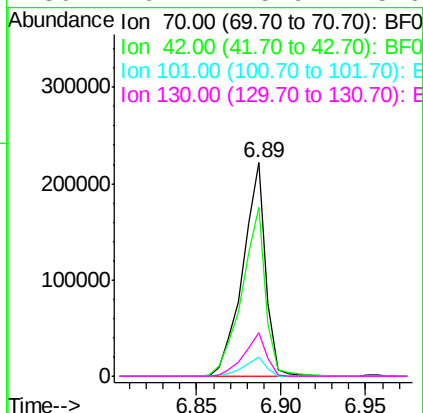




#19
n-Nitroso-di-n-propylamine
Concen: 35.74 ng
RT: 6.89 min Scan# 850
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

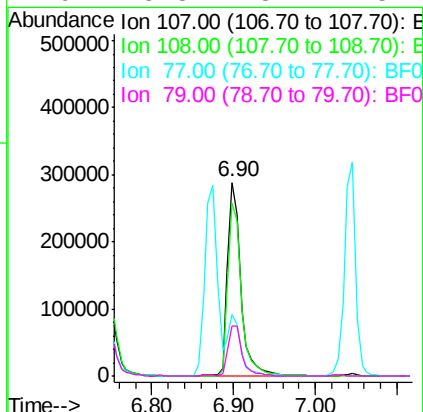
Instrument :
BNA_F
ClientSampleId :

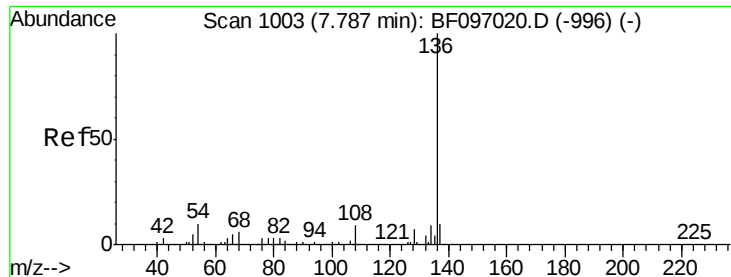
Tot Ion:	70	Resp:	209280
Ion	Ratio	Lower	Upper
70	100		
42	79.3	47.2	70.8#
101	8.9	7.2	10.8
130	20.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 38.80 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion:	107	Resp:	325888
Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.0	111.0
77	31.6	90.5	130.5#
79	25.8	8.4	48.4

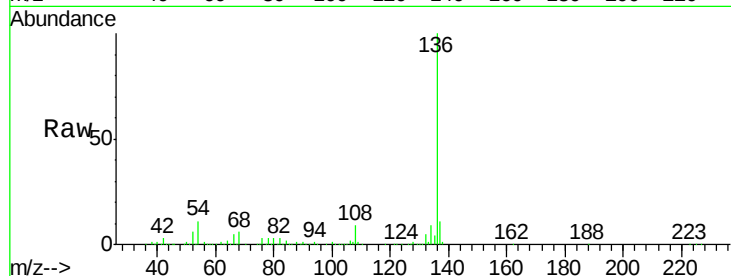




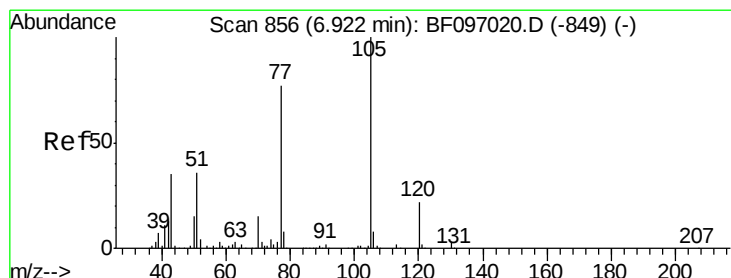
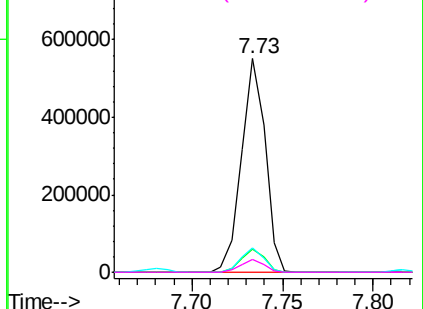
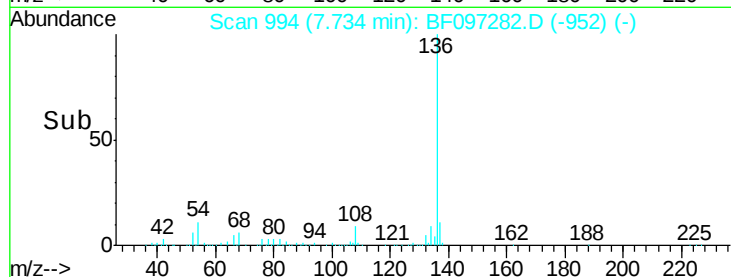
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	502734
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	11.2	4.9 7.3#
68	6.0	4.1 6.1

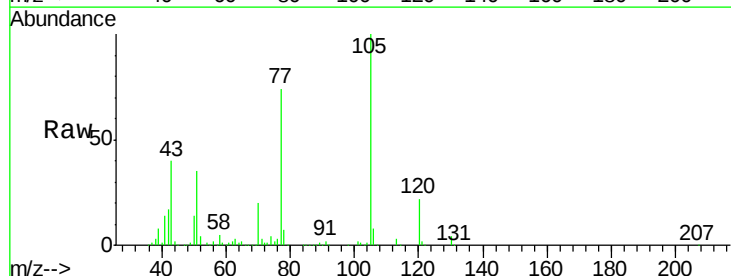


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

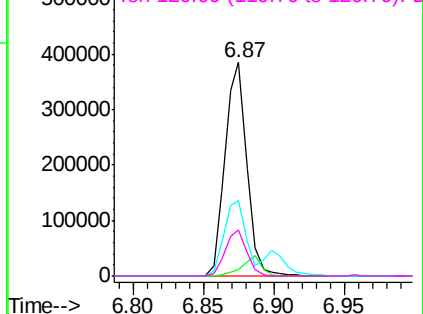
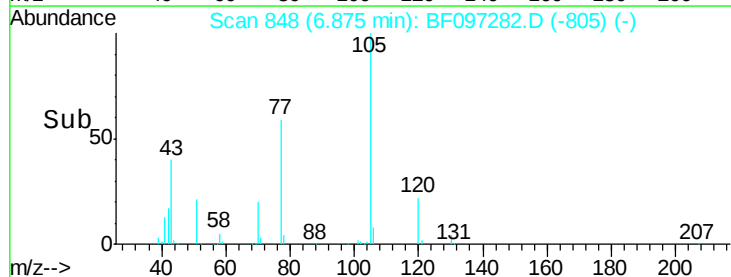


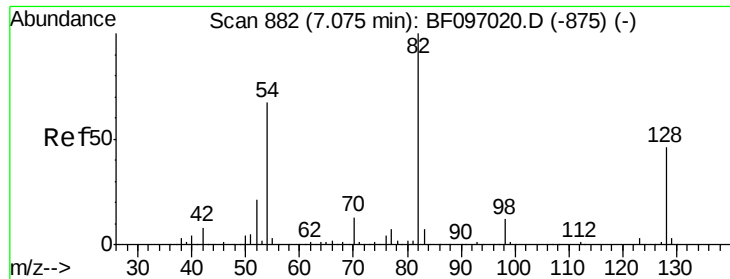
#22
Acetophenone
Concen: 34.02 ng
RT: 6.87 min Scan# 848
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion:105	Resp:	410690
Ion Ratio	Lower	Upper
105	100	
71	3.2	2.8 4.2
51	35.2	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

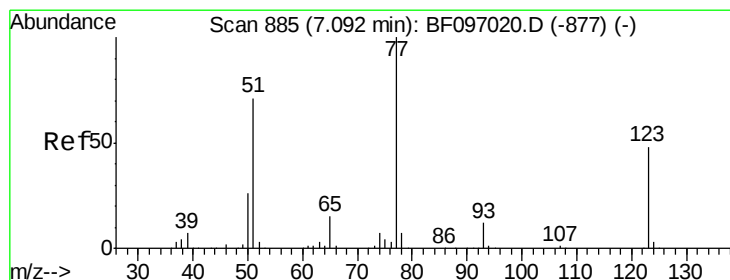
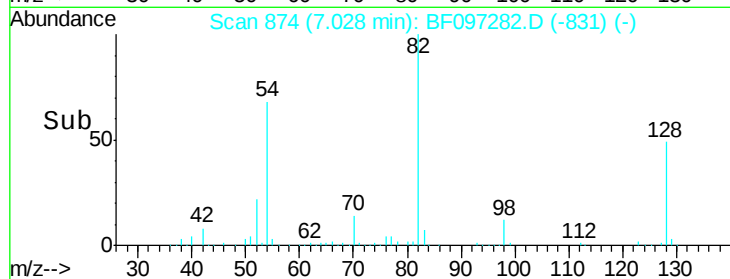
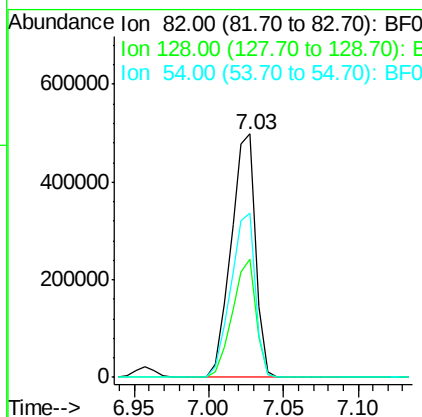
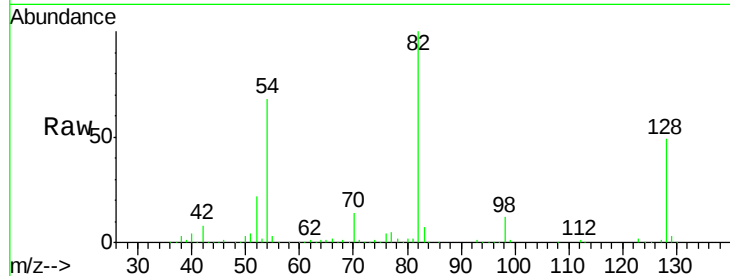




#23
 Nitrobenzene-d5
 Concen: 67.16 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

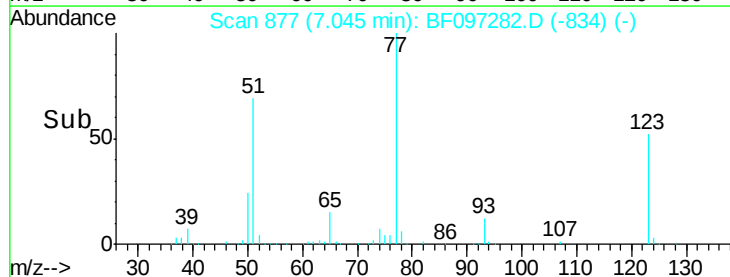
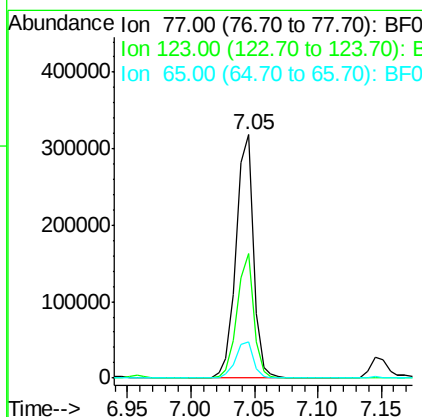
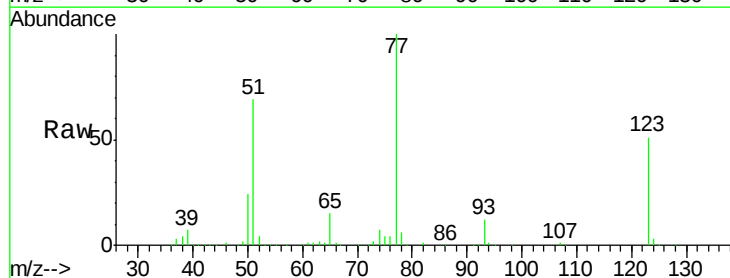
Instrument :
 BNA_F
 ClientSampleId :

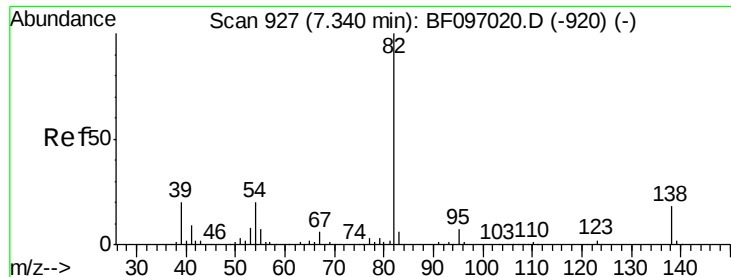
Tot Ion	82	Resp	575528
Ion Ratio	Lower	Upper	
82	100		
128	48.7	34.0	51.0
54	67.5	42.2	63.2#



#24
 Nitrobenzene
 Concen: 33.90 ng
 RT: 7.05 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion	77	Resp	302582
Ion Ratio	Lower	Upper	
77	100		
123	51.4	35.8	53.8
65	15.1	10.6	15.8





#25

Isophorone

Concen: 36.68 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :
BNA_F
ClientSampleId :

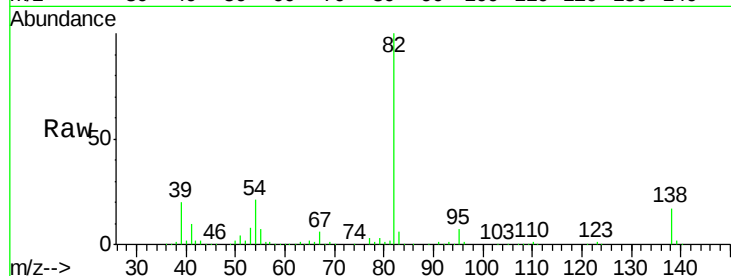
Tot Ion: 82 Resp: 615542

Ion Ratio Lower Upper

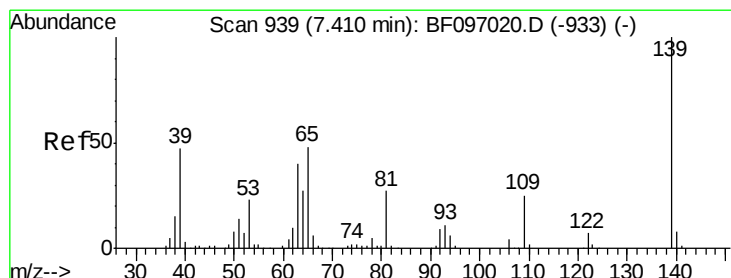
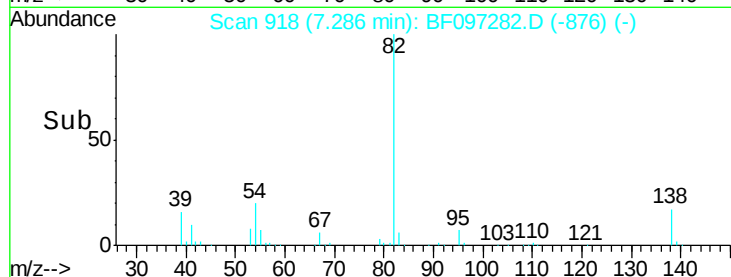
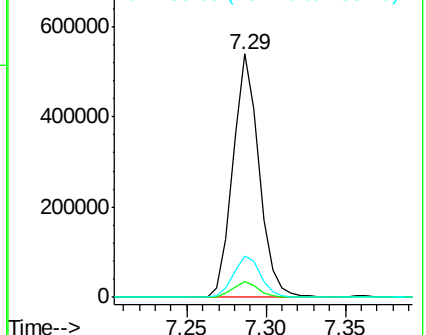
82 100

95 6.6 5.3 7.9

138 17.0 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: 34.01 ng

RT: 7.36 min Scan# 931

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

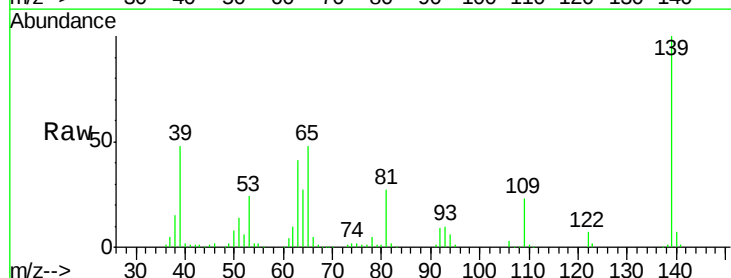
Tgt Ion: 139 Resp: 164247

Ion Ratio Lower Upper

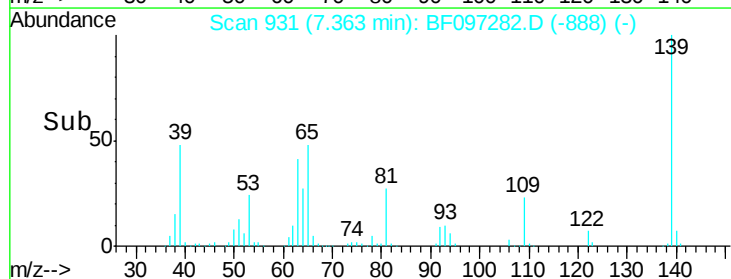
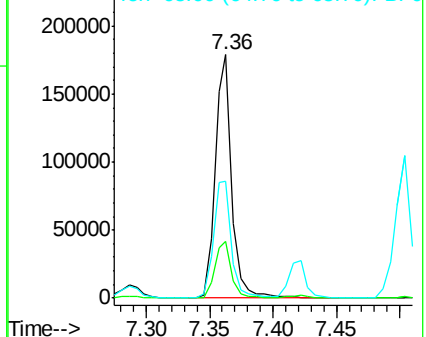
139 100

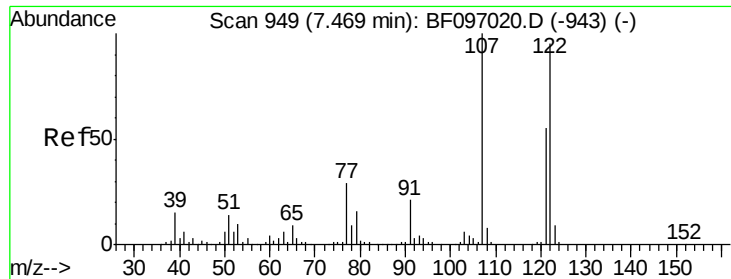
109 23.2 21.0 31.6

65 48.1 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 33.18 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampled :

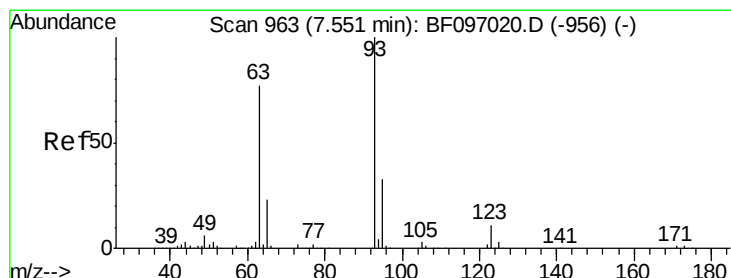
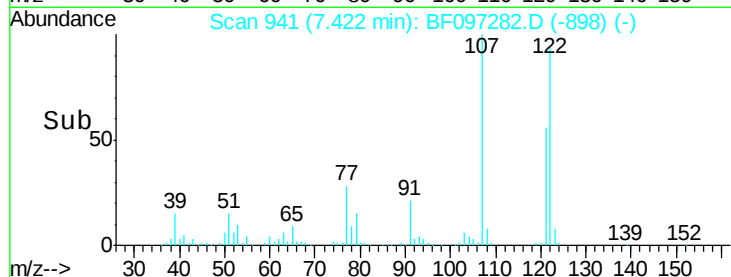
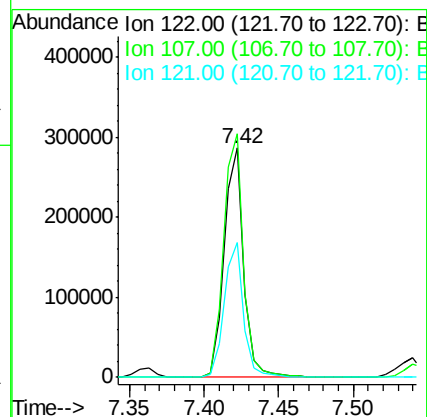
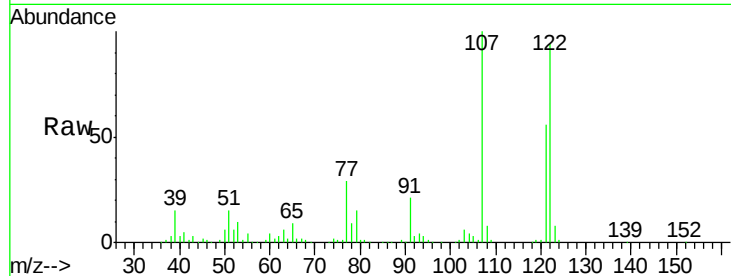
Tot Ion:122 Resp: 264255

Ion Ratio Lower Upper

122 100

107 106.3 89.2 133.8

121 59.1 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 35.30 ng

RT: 7.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

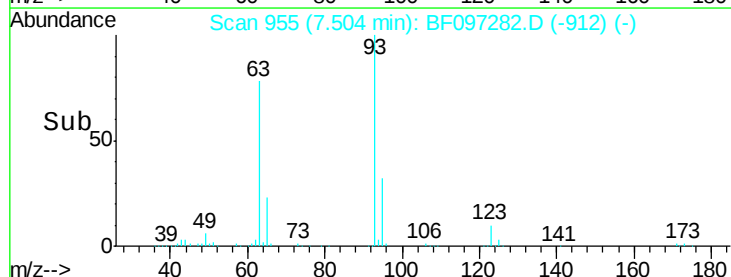
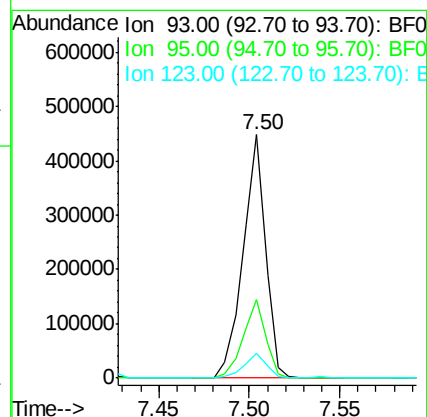
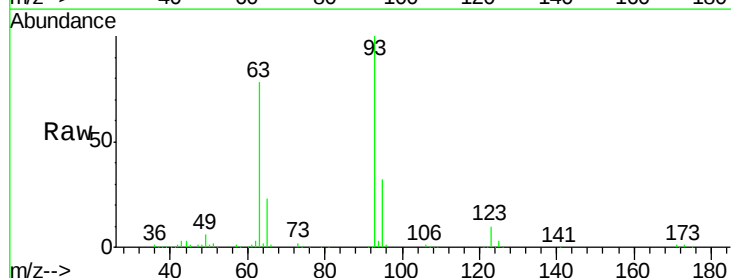
Tgt Ion: 93 Resp: 386608

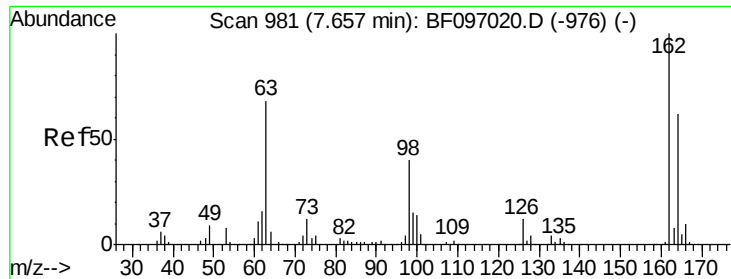
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 10.3 9.0 13.4

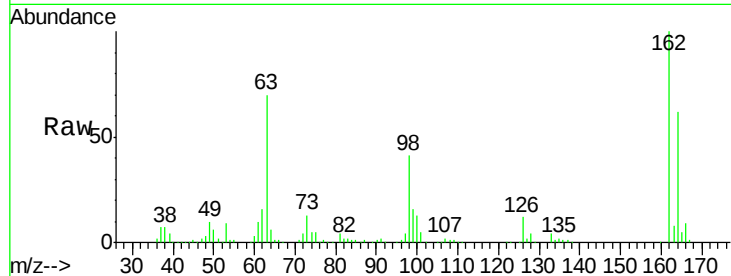




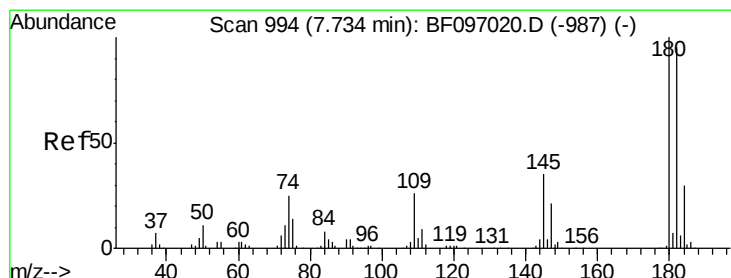
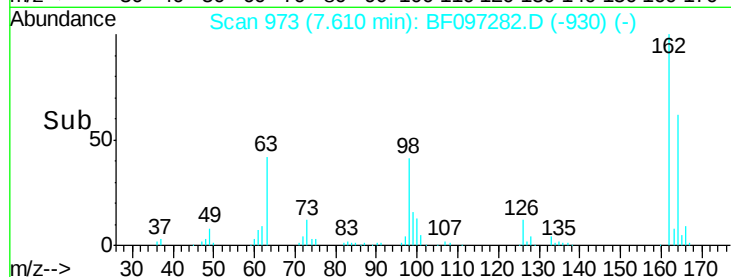
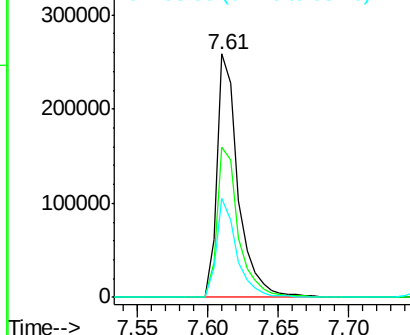
#29
 2,4-Dichlorophenol
 Concen: 39.29 ng
 RT: 7.61 min Scan# 973
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.6	84.6
98	40.7	14.8	54.8

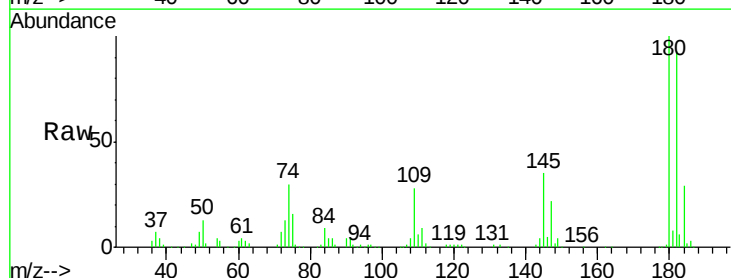


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

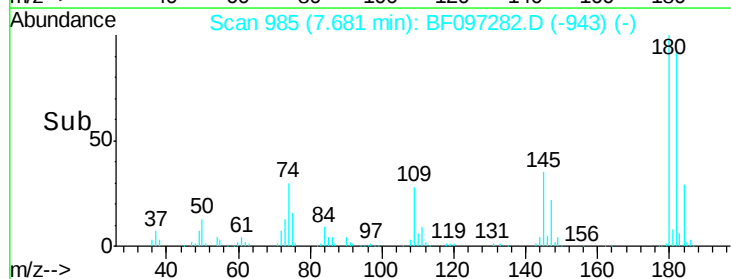
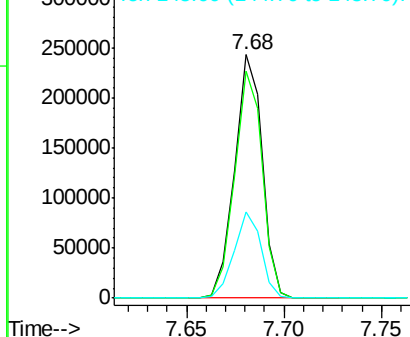


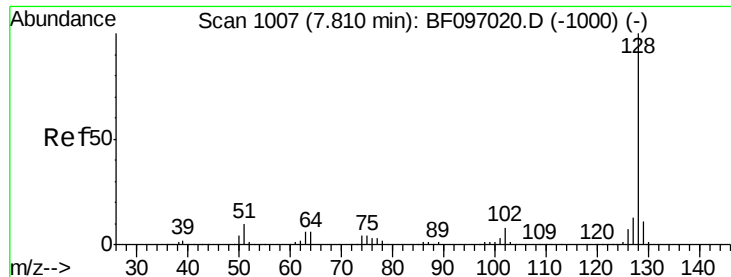
#30
 1,2,4-Trichlorobenzene
 Concen: 36.31 ng
 RT: 7.68 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.8	113.6
145	35.3	25.3	37.9



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





#31

Naphthalene

Concen: 37.62 ng

RT: 7.76 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :

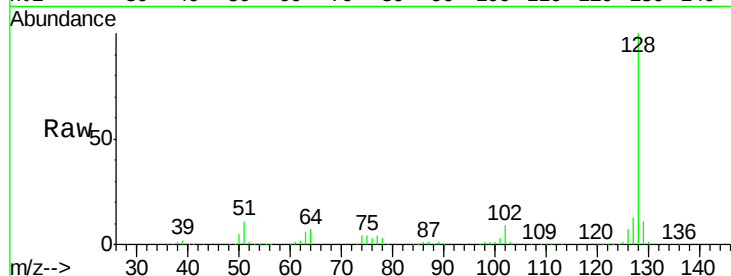
Tot Ion:128 Resp: 891576

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

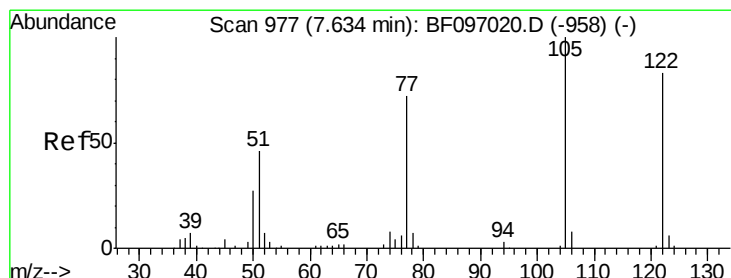
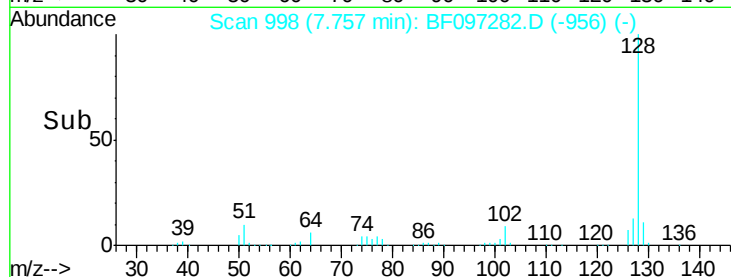
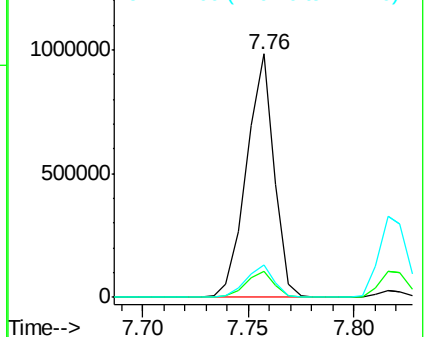
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.41 ng

RT: 7.54 min Scan# 961

Delta R.T. -0.09 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

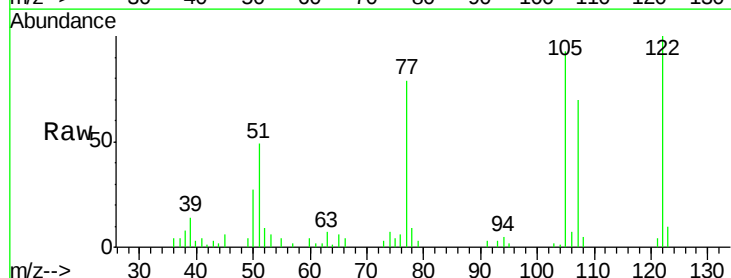
Tgt Ion:122 Resp: 38142

Ion Ratio Lower Upper

122 100

105 92.9 103.3 143.3#

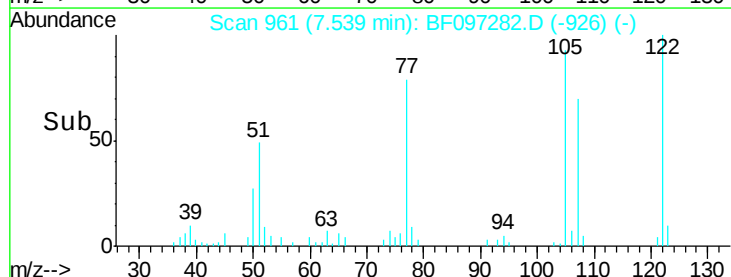
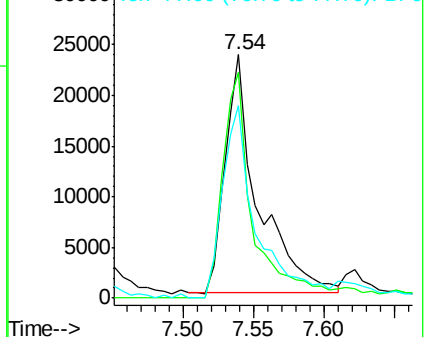
77 79.3 73.7 113.7

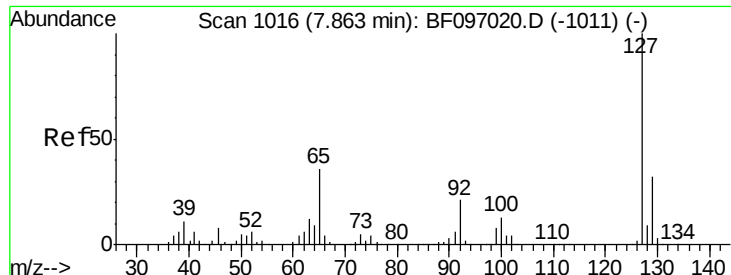


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

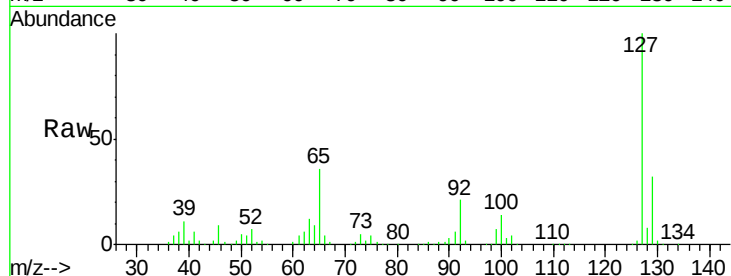




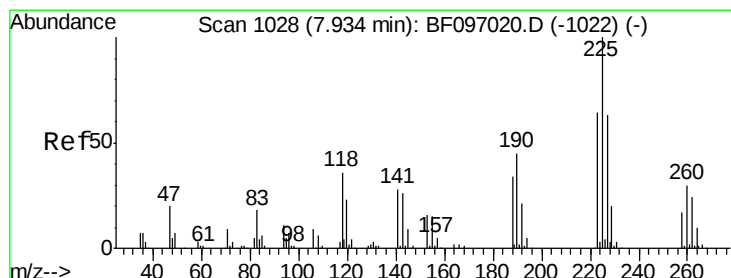
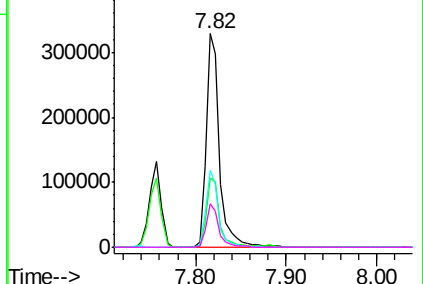
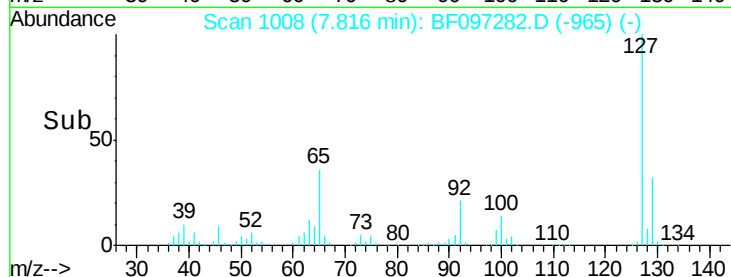
#33
4-Chloroaniline
Concen: 35.19 ng
RT: 7.82 min Scan# 1008
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	339339
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	36.0	27.8	41.8
92	20.5	16.8	25.2

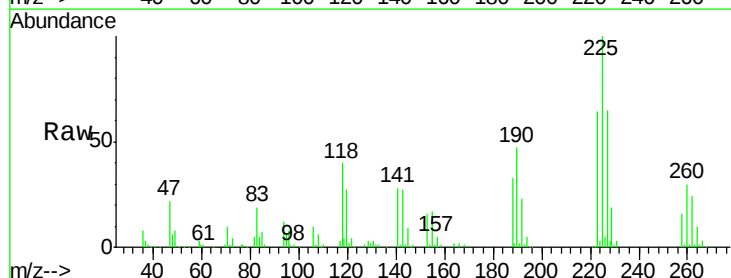


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

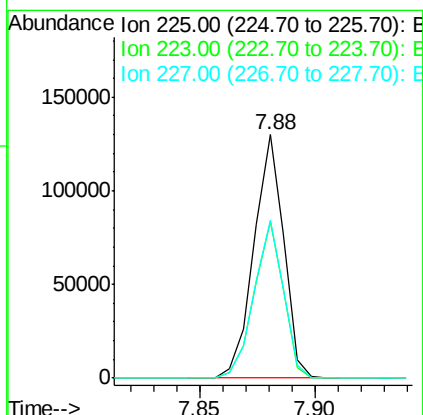
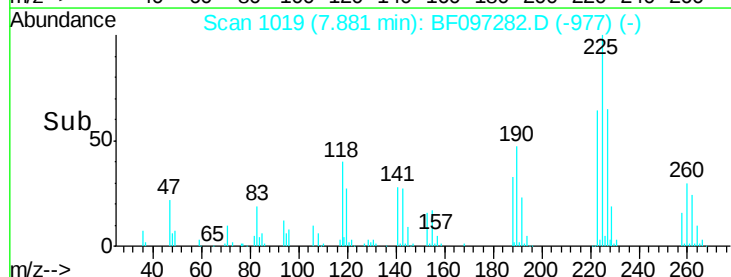


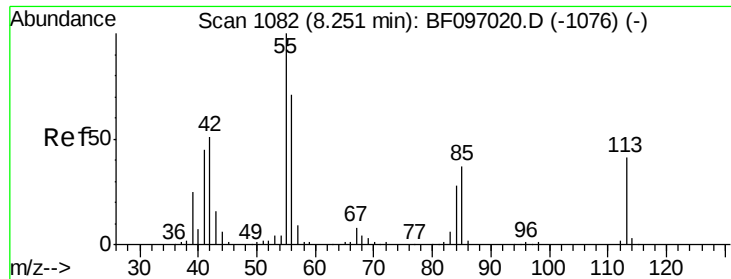
#34
Hexachlorobutadiene
Concen: 33.80 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion:	225	Resp:	117191
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.8	73.2
227	65.1	51.1	76.7



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





#35

Caprolactam

Concen: 20.70 ng

RT: 8.19 min Scan# 1072

Delta R.T. -0.06 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :

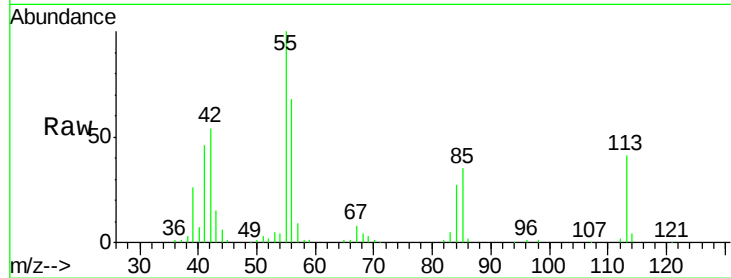
Tot Ion:113 Resp: 45552

Ion Ratio Lower Upper

113 100

55 241.5 150.2 190.2#

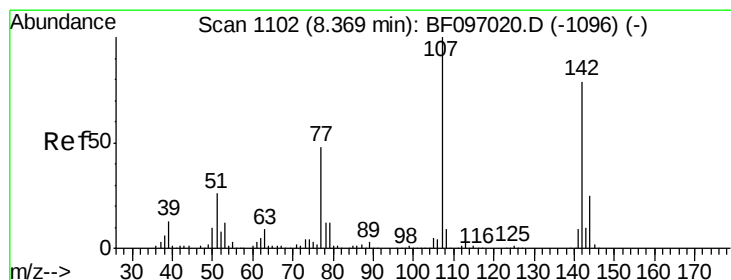
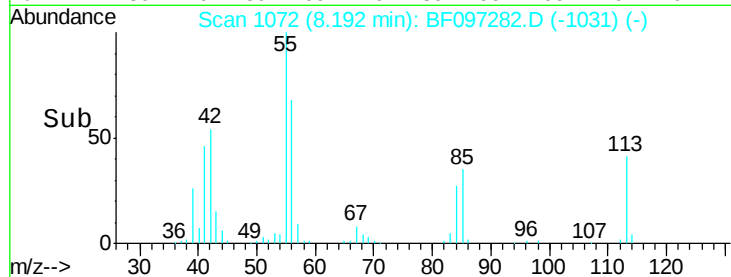
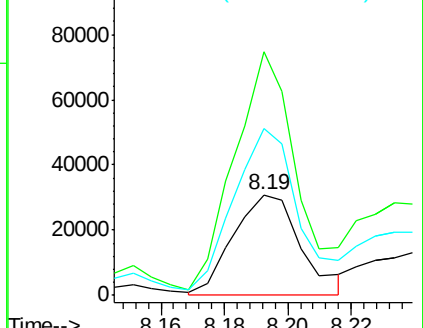
56 165.4 107.8 147.8#



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: 37.70 ng

RT: 8.33 min Scan# 1095

Delta R.T. -0.04 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

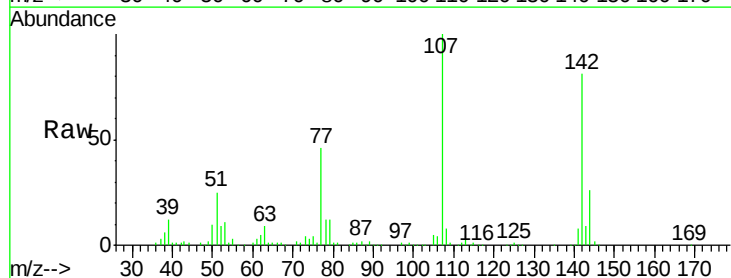
Tgt Ion:107 Resp: 282210

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

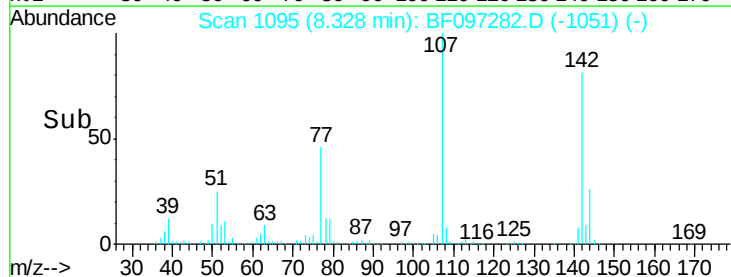
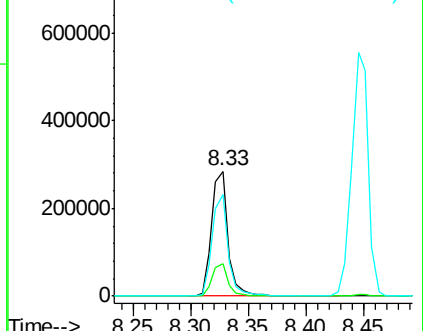
142 81.3 73.4 110.0

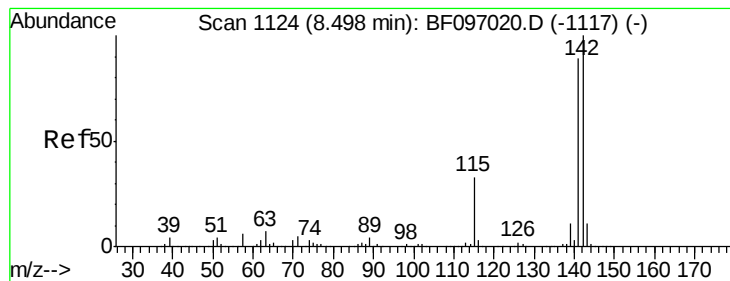


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

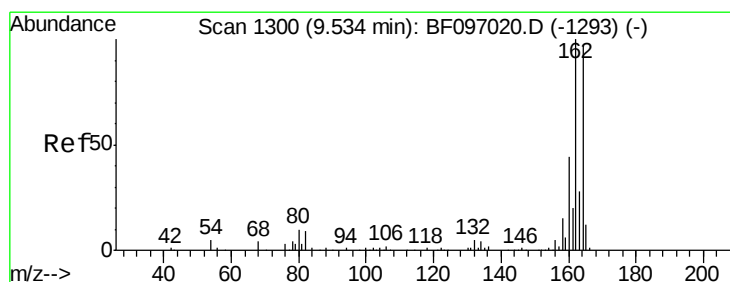
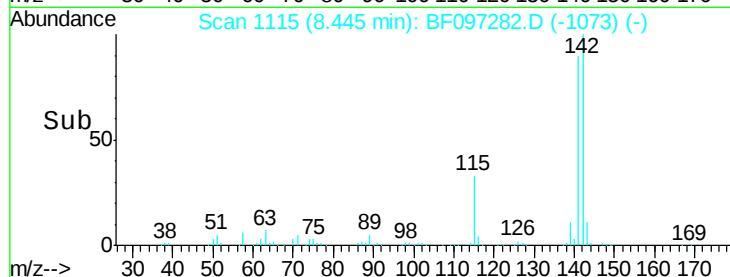
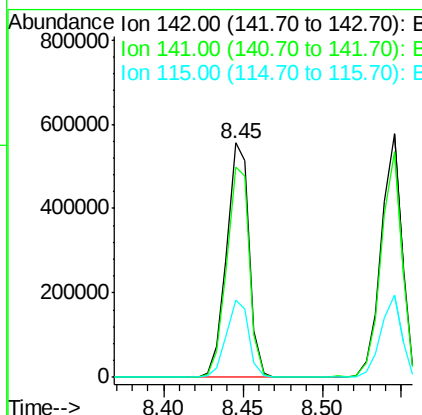
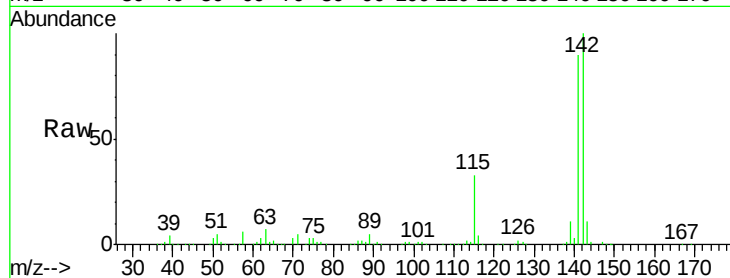




#37
2-Methylnaphthalene
Concen: 36.58 ng
RT: 8.45 min Scan# 1115
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

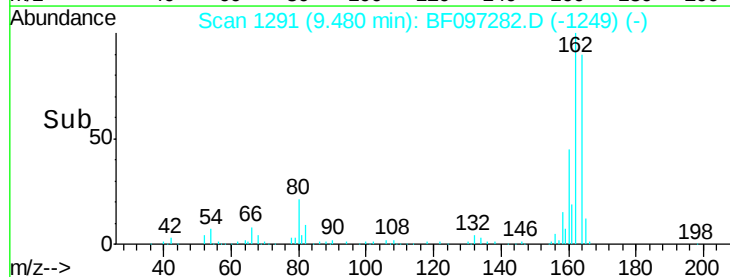
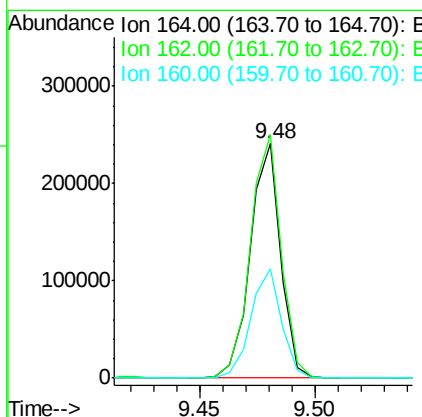
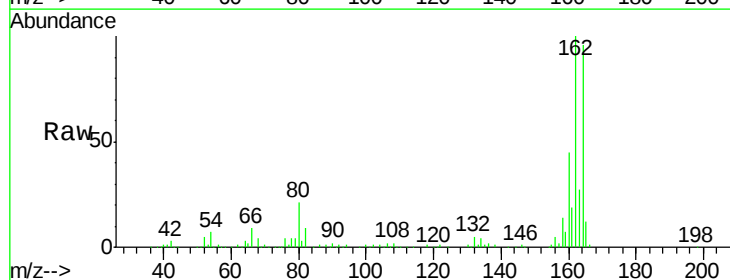
Instrument :
BNA_F
ClientSampleId :

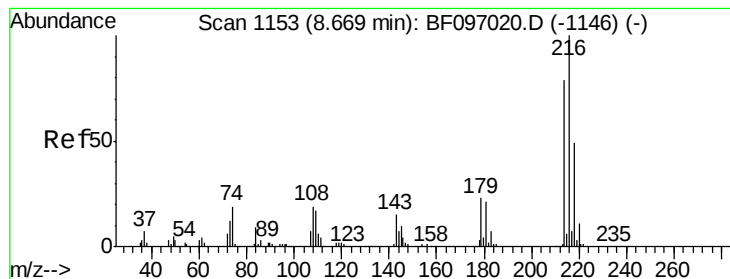
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	33.0	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	46.7	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.02 ng

RT: 8.62 min Scan# 1144

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 206608

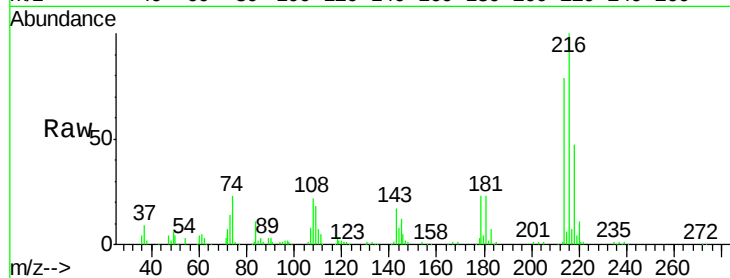
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 22.5 17.9 26.9

108 23.0 16.5 24.7

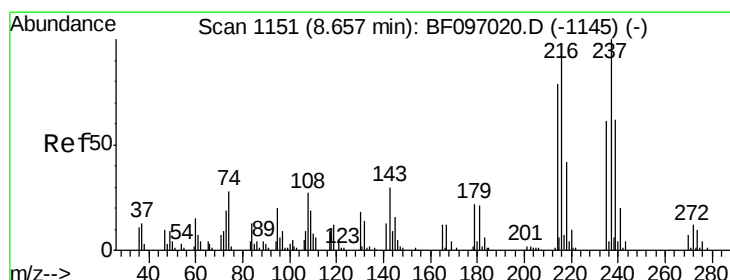
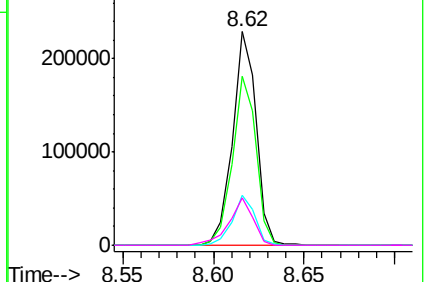
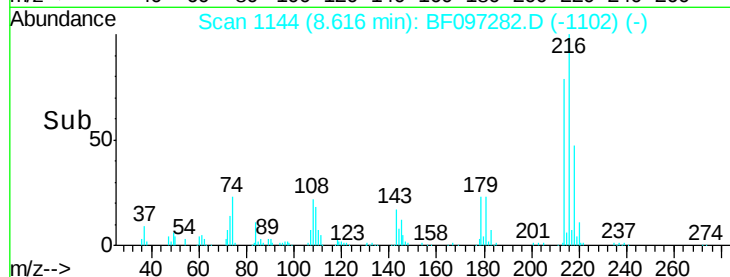


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.90 ng

RT: 8.60 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

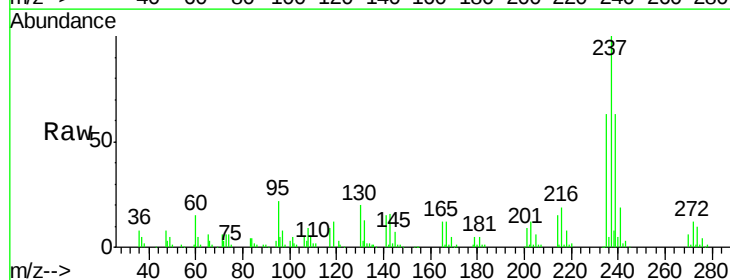
Tgt Ion:237 Resp: 113102

Ion Ratio Lower Upper

237 100

235 62.9 42.6 82.6

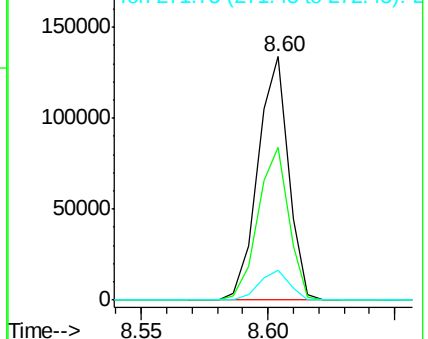
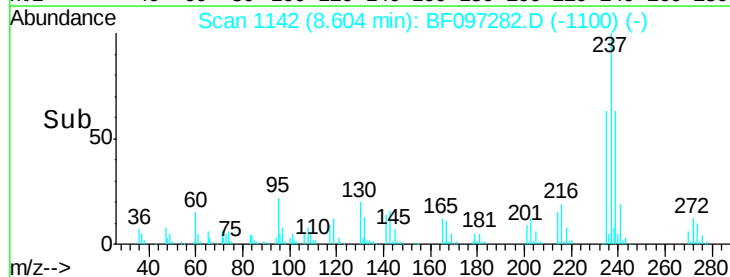
272 12.3 0.0 31.9

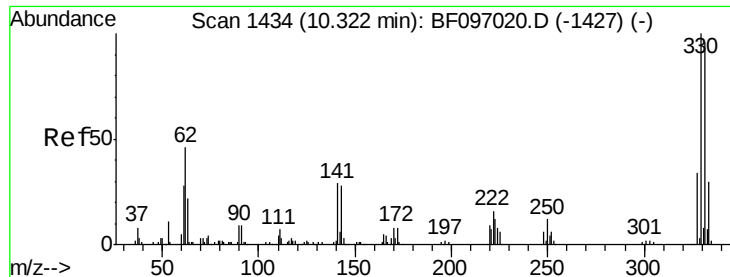


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

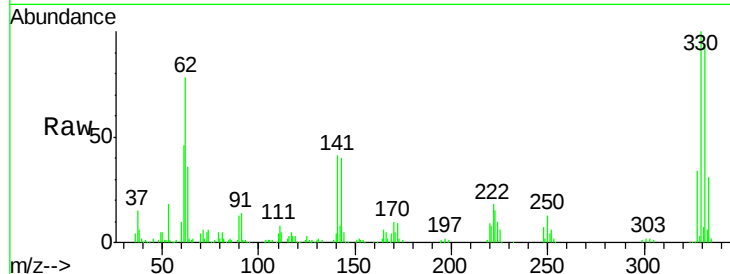




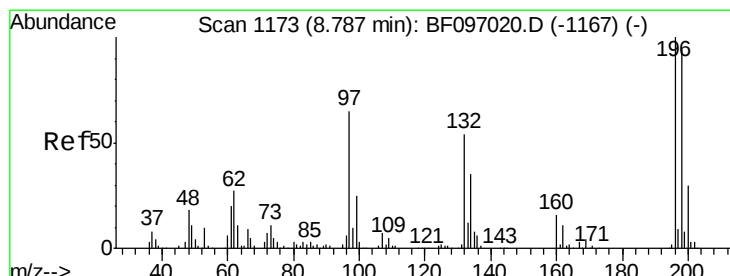
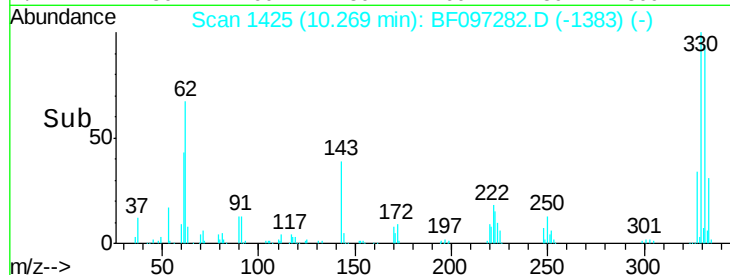
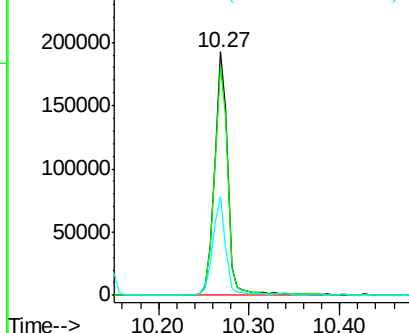
#41
 2,4,6-Tribromophenol
 Concen: 112.33 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	39.9	31.4	47.2

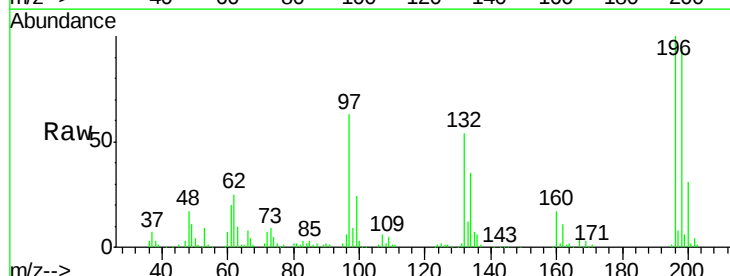


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

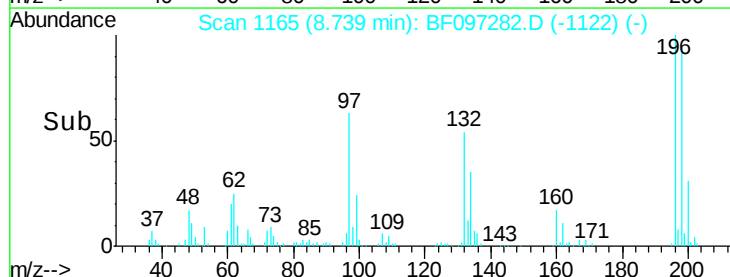
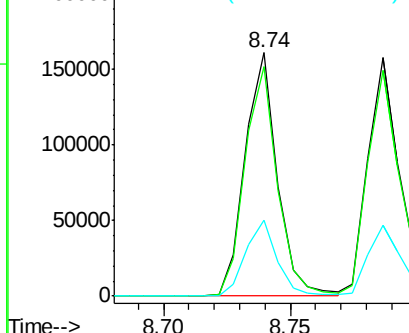


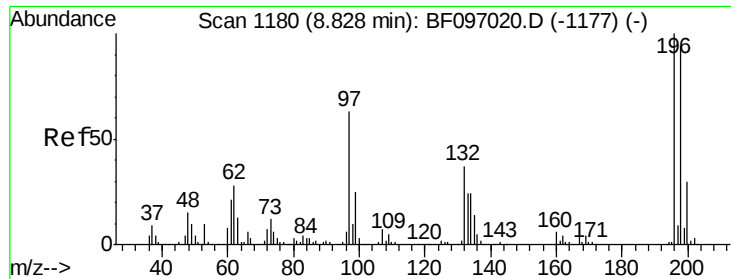
#42
 2,4,6-Trichlorophenol
 Concen: 33.38 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.2	111.4
200	31.4	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

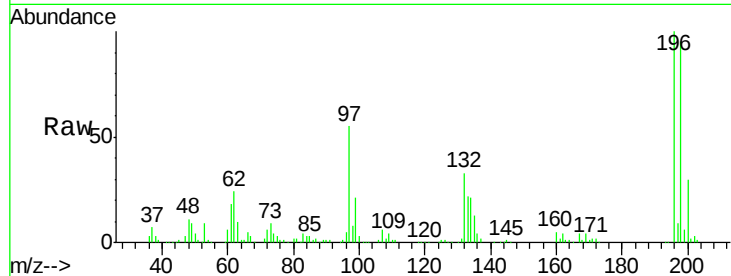




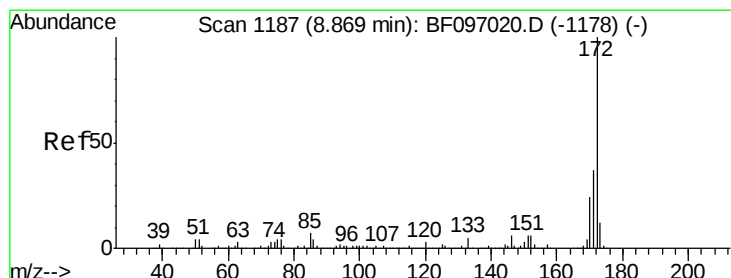
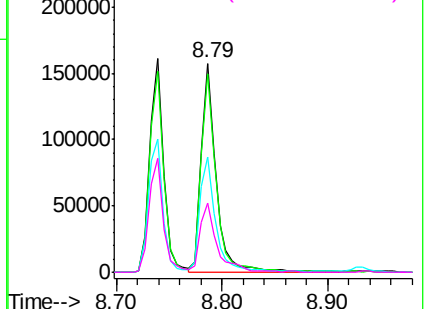
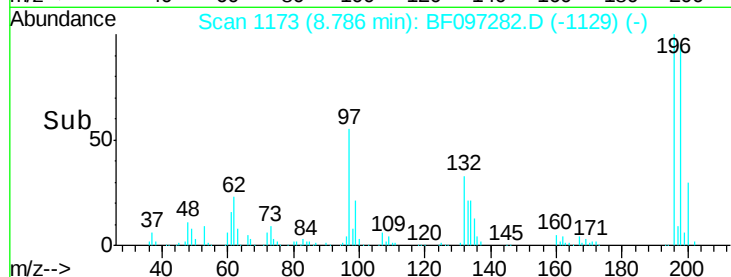
#43
 2,4,5-Trichlorophenol
 Concen: 35.55 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	152127
Ion Ratio	Lower	Upper
196	100	
198	94.9	75.7 113.5
97	55.3	47.7 71.5
132	33.1	28.0 42.0

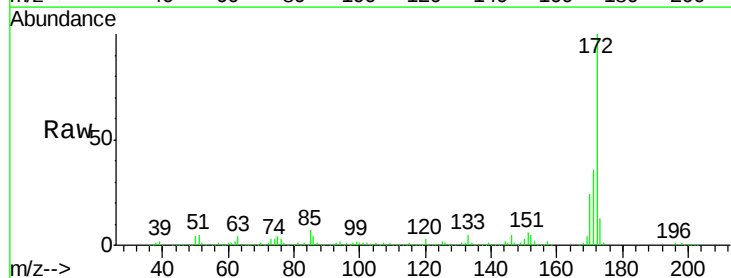


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

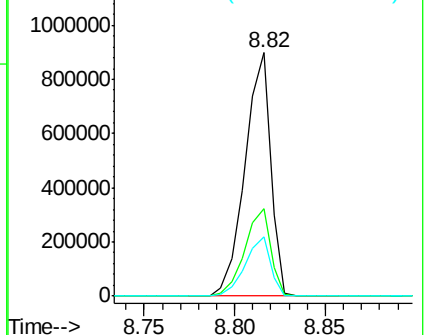
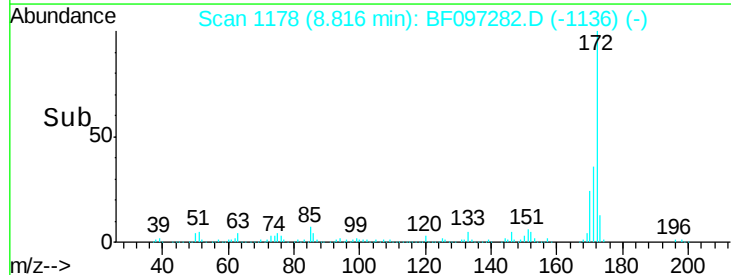


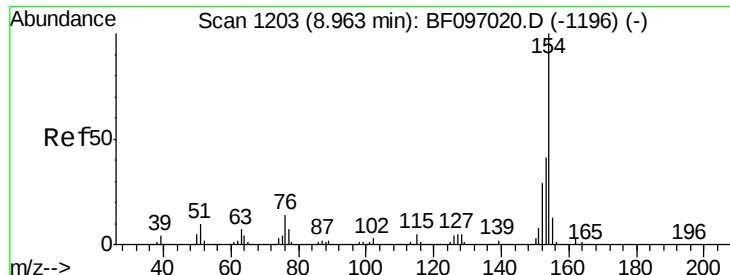
#44
 2-Fluorobiphenyl
 Concen: 68.13 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion:172	Resp:	887614
Ion Ratio	Lower	Upper
172	100	
171	36.0	29.6 44.4
170	24.3	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

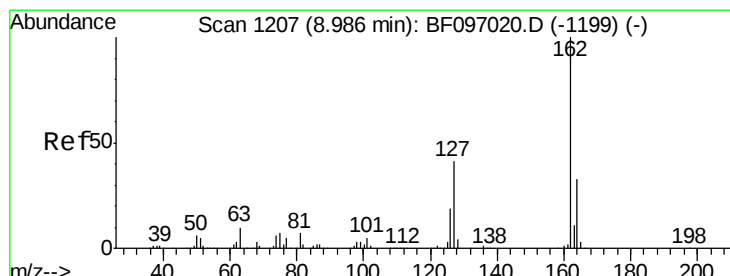
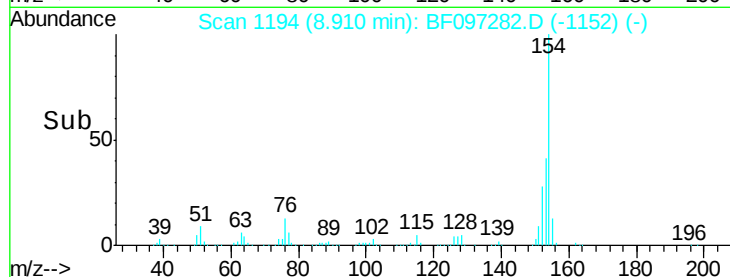
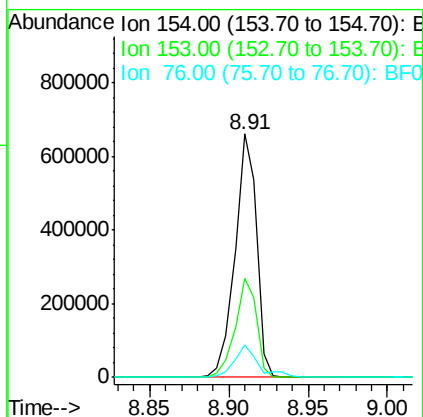
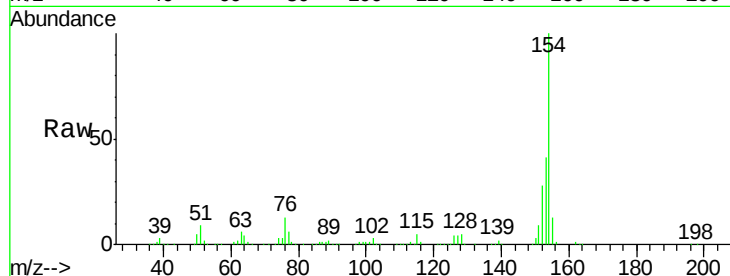




#45
 1,1'-Biphenyl
 Concen: 32.80 ng
 RT: 8.91 min Scan# 1194
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

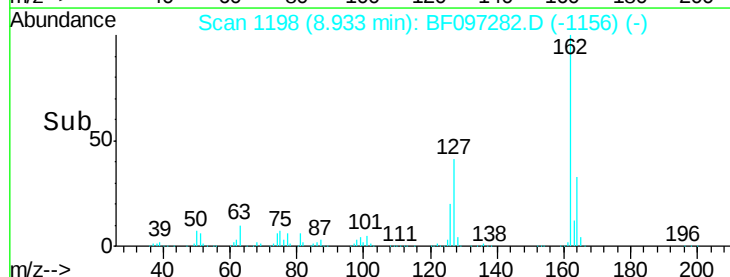
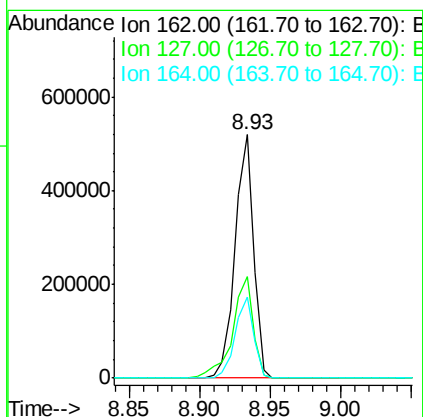
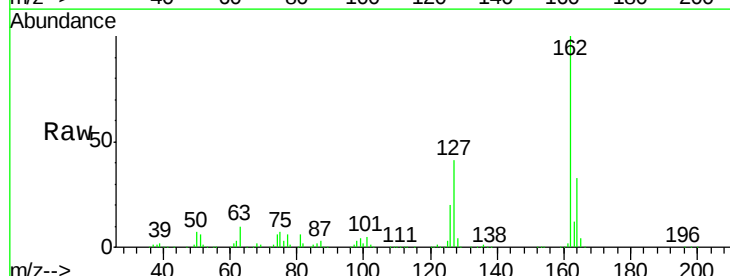
Instrument :
 BNA_F
 ClientSampleId :

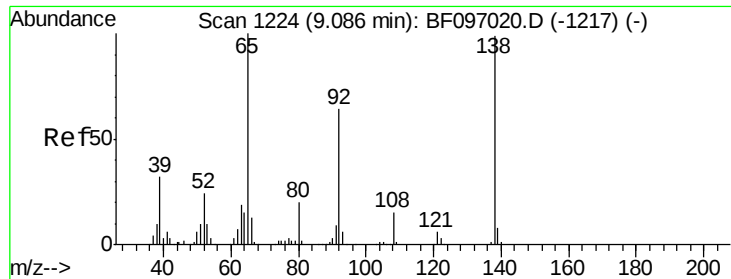
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	13.3	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 34.05 ng
 RT: 8.93 min Scan# 1198
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	28.3	42.5
164	33.0	27.0	40.4

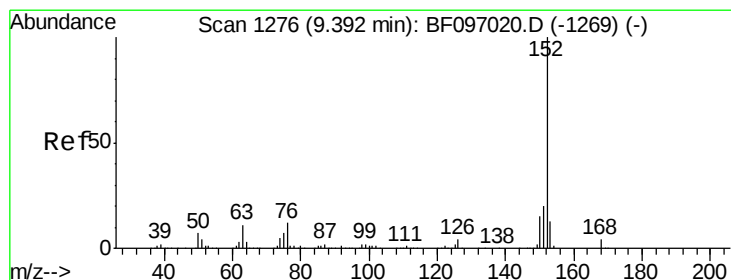
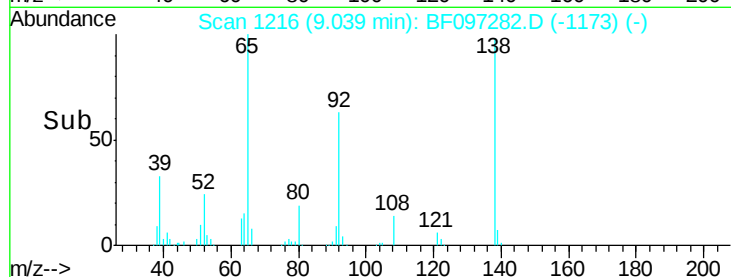
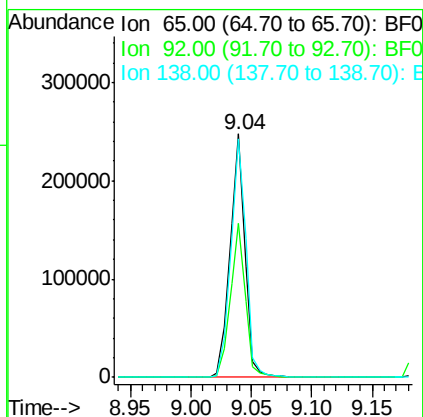
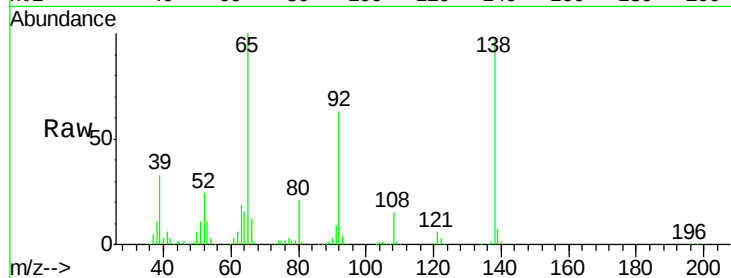




#47
2-Nitroaniline
Concen: 42.32 ng
RT: 9.04 min Scan# 1216
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

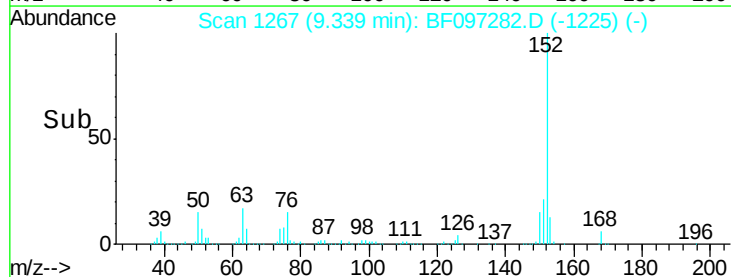
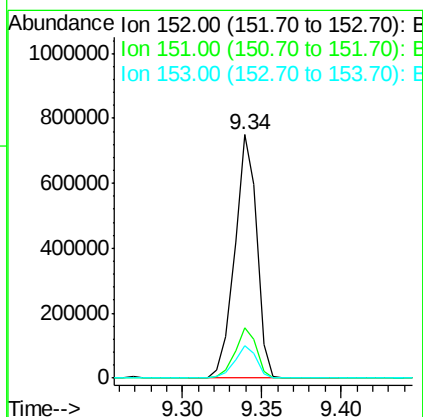
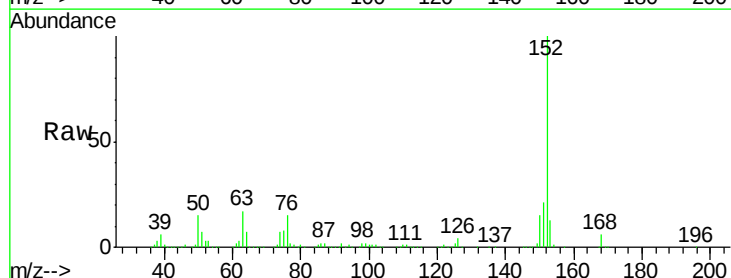
Instrument :
BNA_F
ClientSampleId :

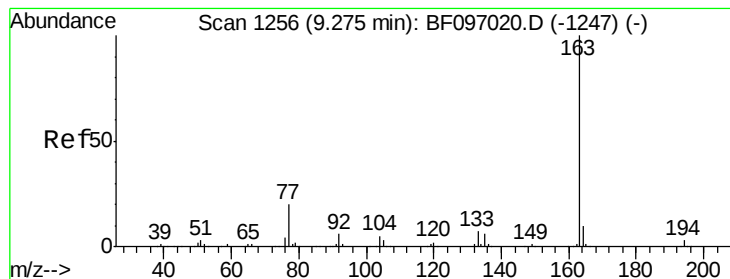
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.1	53.9	80.9
138	97.8	78.8	118.2



#48
Acenaphthylene
Concen: 33.66 ng
RT: 9.34 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

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





#49

Dimethylphthalate

Concen: 45.31 ng

RT: 9.23 min Scan# 1248

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :

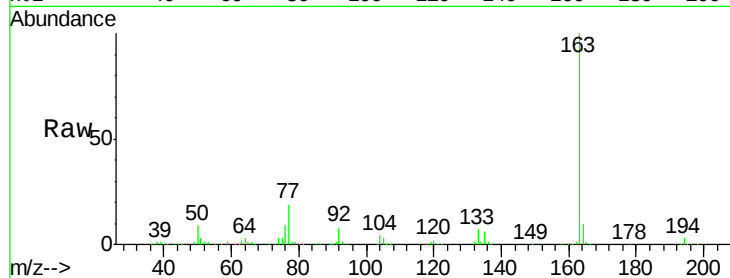
Tot Ion:163 Resp: 760832

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

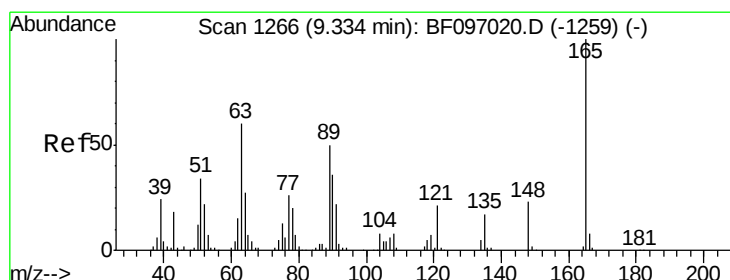
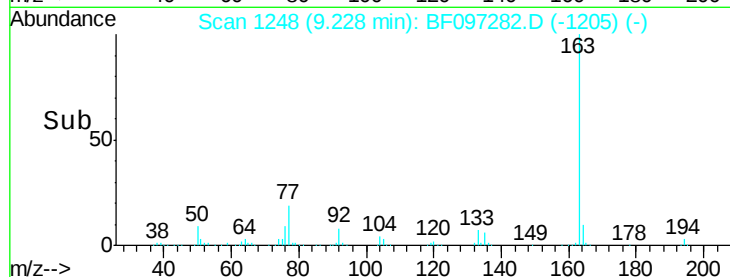
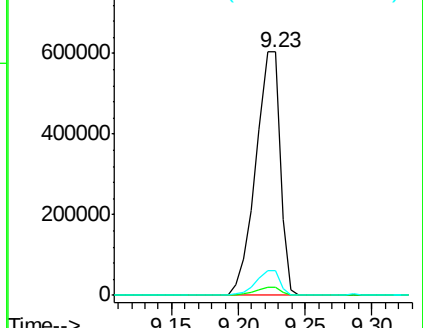
164 10.1 8.4 12.6



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: 36.82 ng

RT: 9.29 min Scan# 1258

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

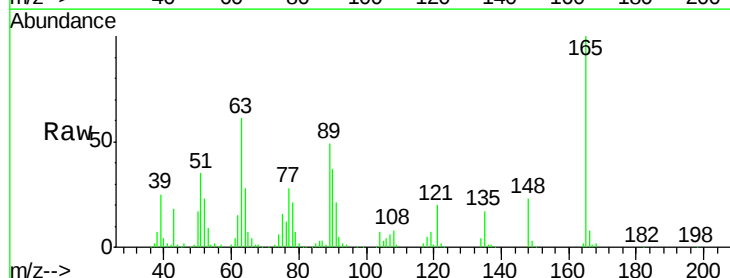
Tgt Ion:165 Resp: 131123

Ion Ratio Lower Upper

165 100

63 60.5 34.3 51.5#

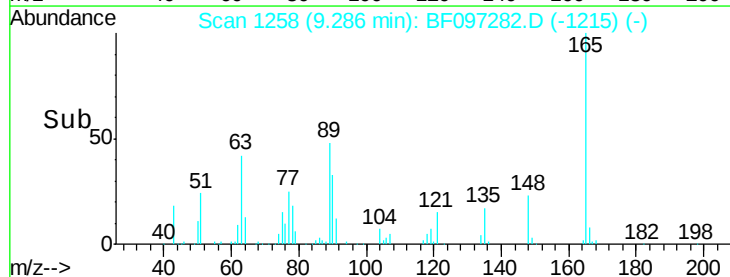
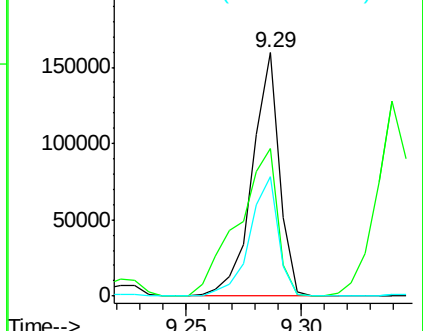
89 48.9 37.1 55.7

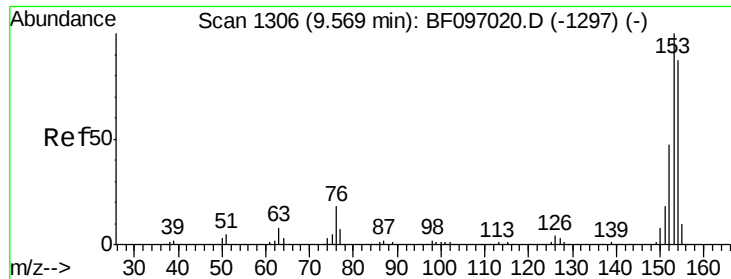


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.81 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :

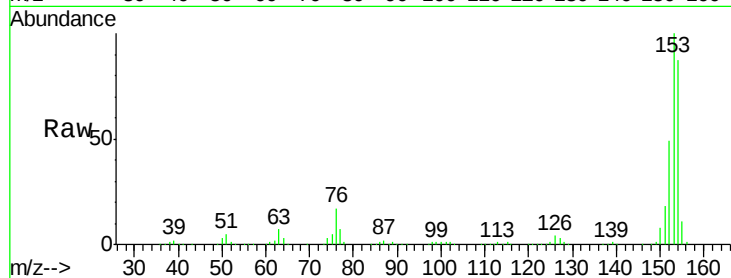
Tot Ion:154 Resp: 462544

Ion Ratio Lower Upper

154 100

153 115.5 90.5 135.7

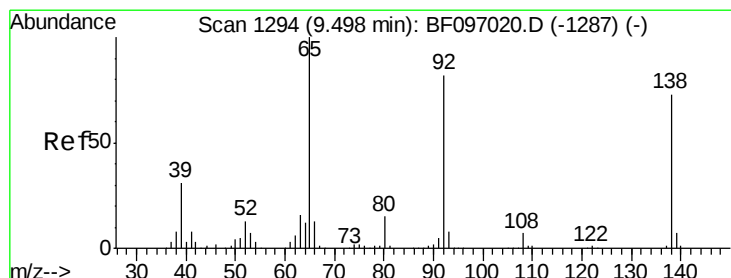
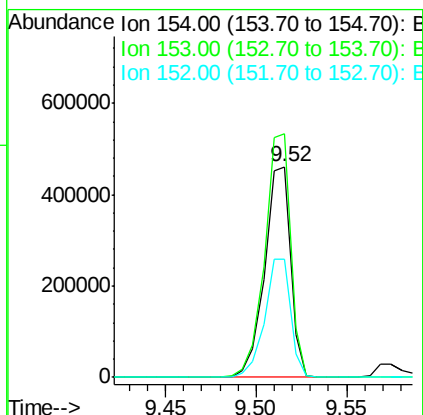
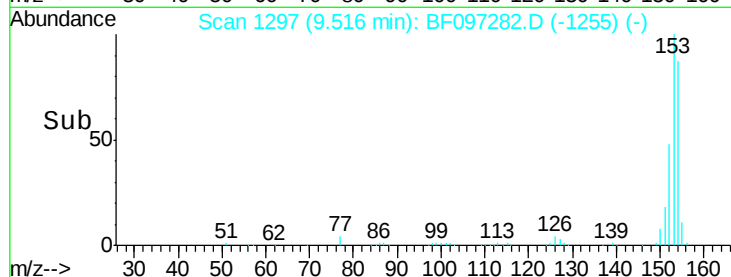
152 56.0 43.6 65.4



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: 36.70 ng

RT: 9.45 min Scan# 1286

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

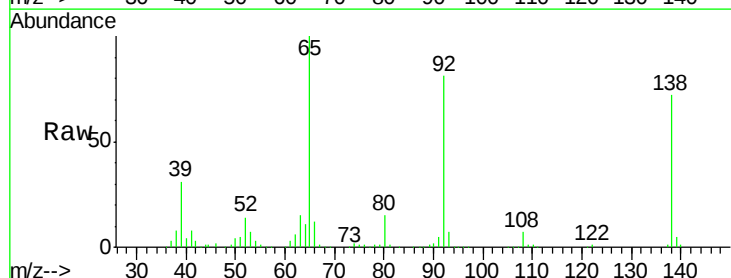
Tgt Ion:138 Resp: 162243

Ion Ratio Lower Upper

138 100

108 9.3 9.1 13.7

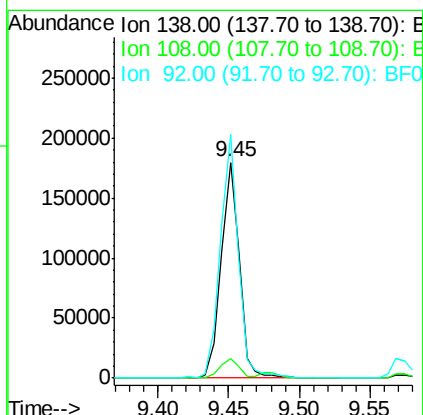
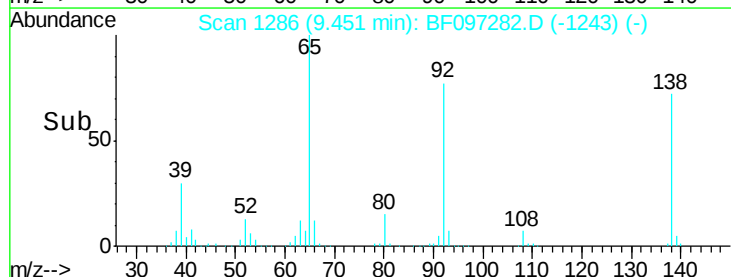
92 112.9 93.8 140.6

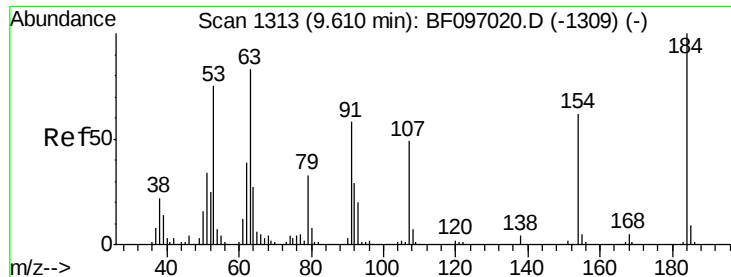


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

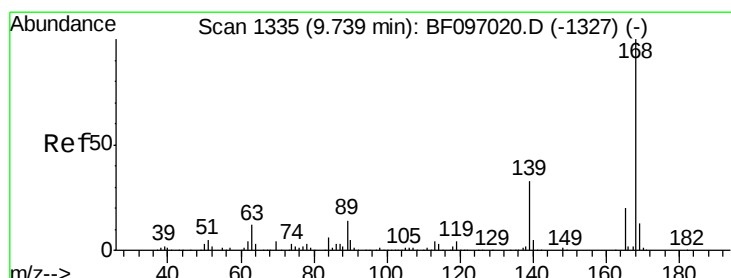
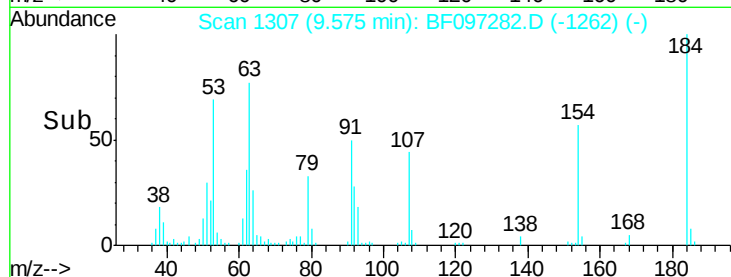
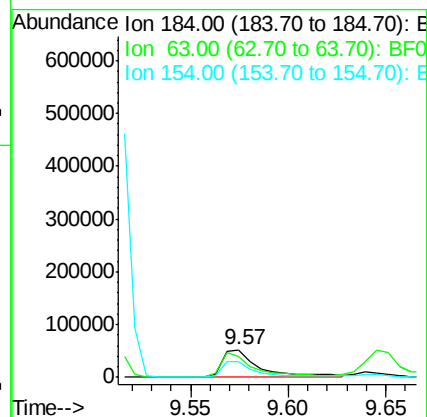
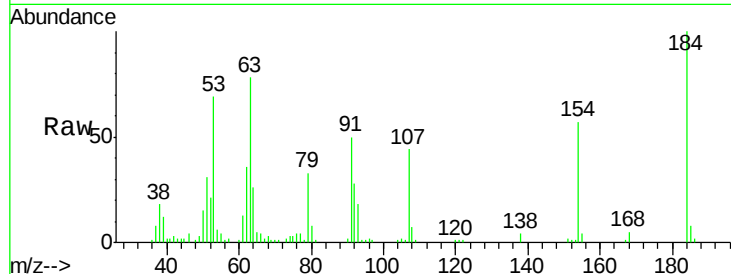




#53
 2,4-Dinitrophenol
 Concen: 42.81 ng
 RT: 9.57 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

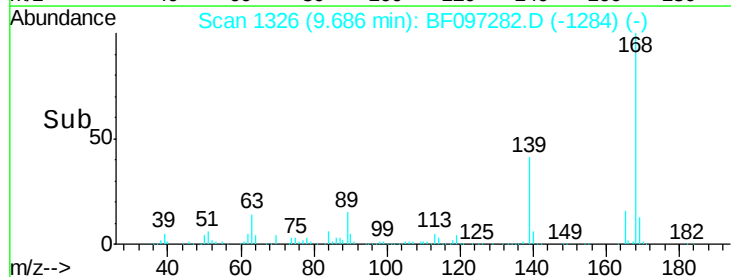
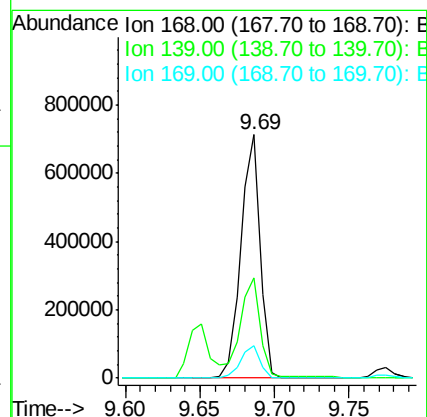
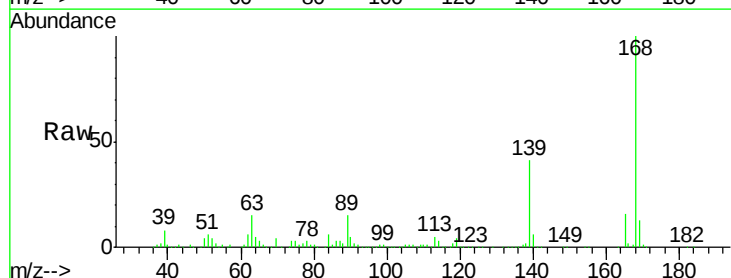
Instrument :
 BNA_F
 ClientSampled :

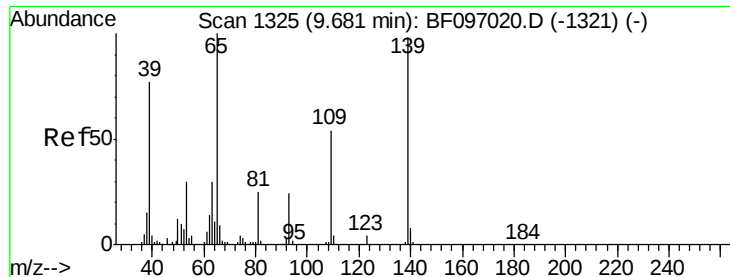
Tot Ion:184 Resp: 69317
 Ion Ratio Lower Upper
 184 100
 63 78.0 62.7 94.1
 154 57.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.63 ng
 RT: 9.69 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion:168 Resp: 646508
 Ion Ratio Lower Upper
 168 100
 139 40.9 30.6 45.8
 169 13.5 10.8 16.2

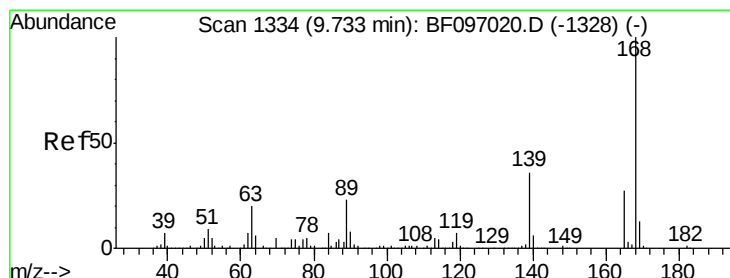
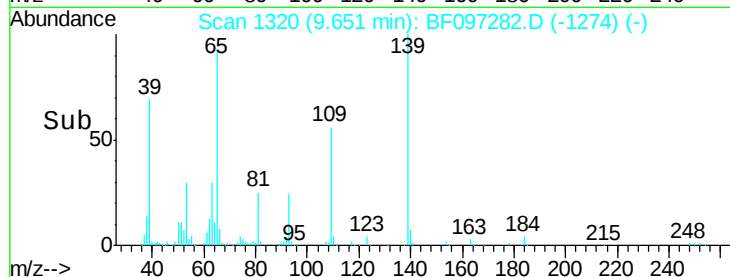
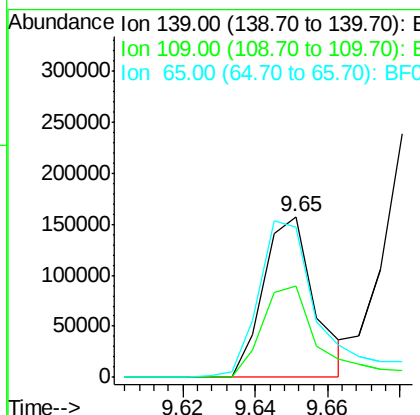
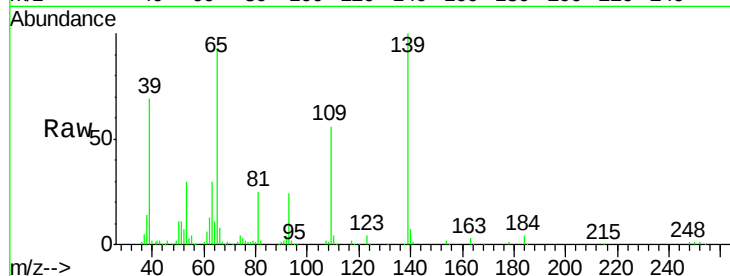




#55
4-Nitrophenol
Concen: 58.69 ng
RT: 9.65 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

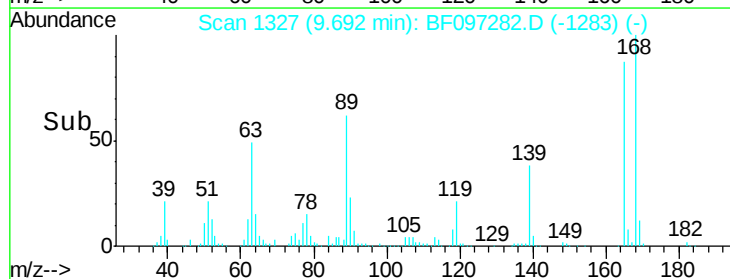
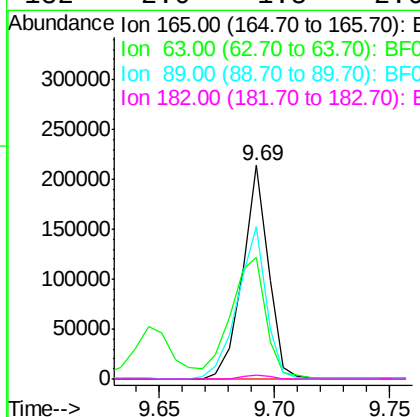
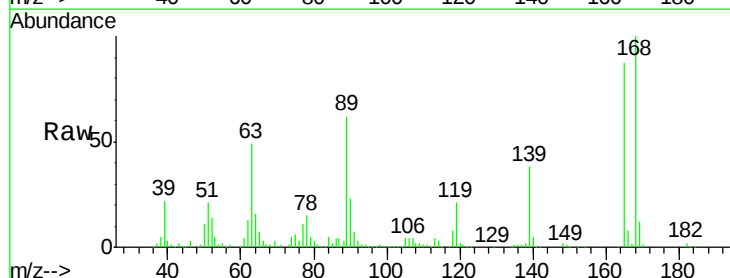
Instrument :
BNA_F
ClientSampleId :

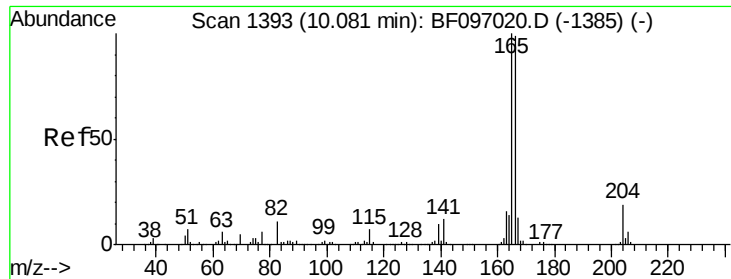
Tot Ion:139 Resp: 154280
Ion Ratio Lower Upper
139 100
109 56.4 34.1 74.1
65 93.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.00 ng
RT: 9.69 min Scan# 1327
Delta R.T. -0.04 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion:165 Resp: 167839
Ion Ratio Lower Upper
165 100
63 56.8 25.4 38.0#
89 71.6 46.4 69.6#
182 2.0 1.8 2.6

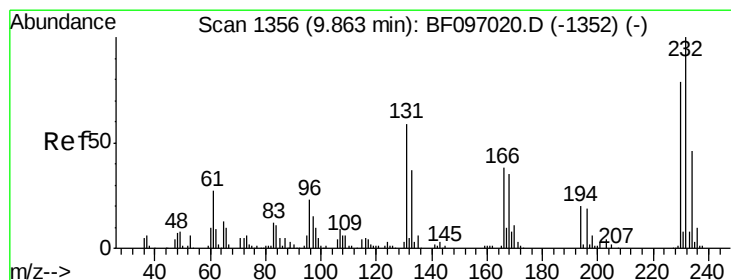
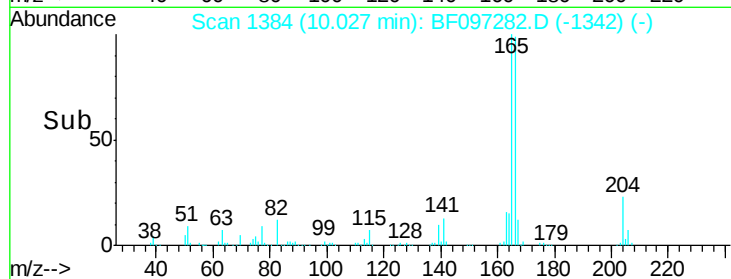
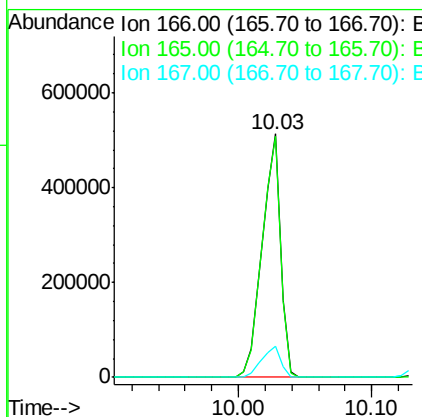
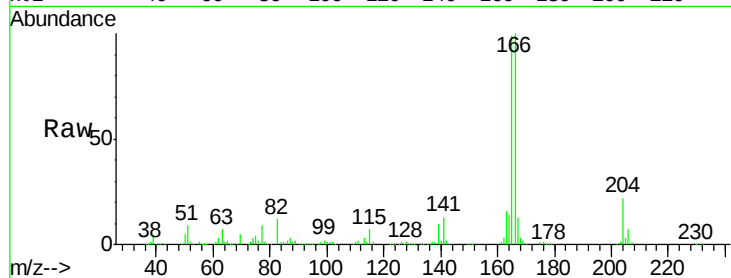




#57
 Fluorene
 Concen: 38.68 ng
 RT: 10.03 min Scan# 1384
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

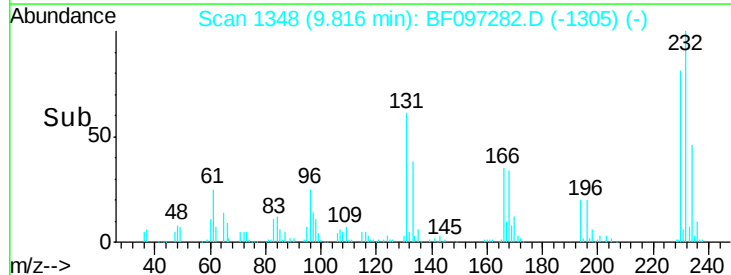
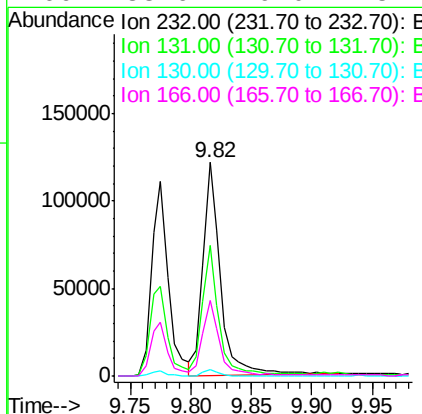
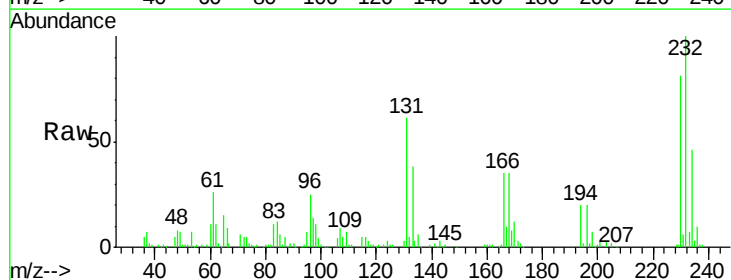
Instrument :
 BNA_F
 ClientSampleId :

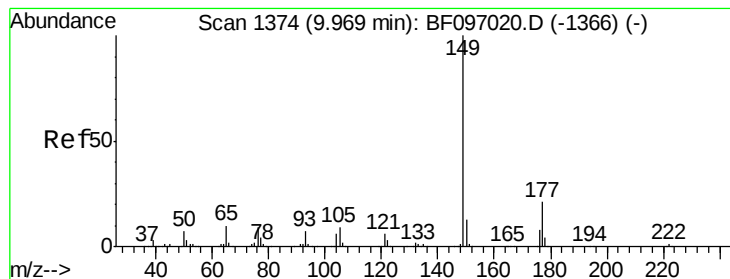
Tot Ion:166 Resp: 486519
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.8 118.2
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.78 ng
 RT: 9.82 min Scan# 1348
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion:232 Resp: 123456
 Ion Ratio Lower Upper
 232 100
 131 56.9 44.8 67.2
 130 2.5 2.3 3.5
 166 33.6 29.0 43.4





#59

Diethylphthalate

Concen: 37.90 ng

RT: 9.92 min Scan# 1366

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :

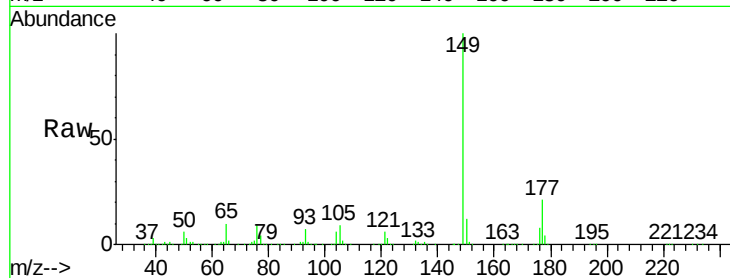
Tot Ion:149 Resp: 583755

Ion Ratio Lower Upper

149 100

177 20.9 16.7 25.1

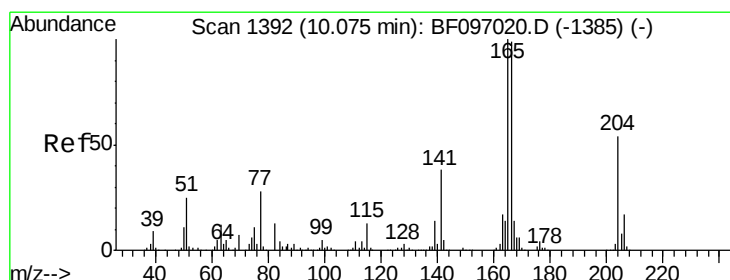
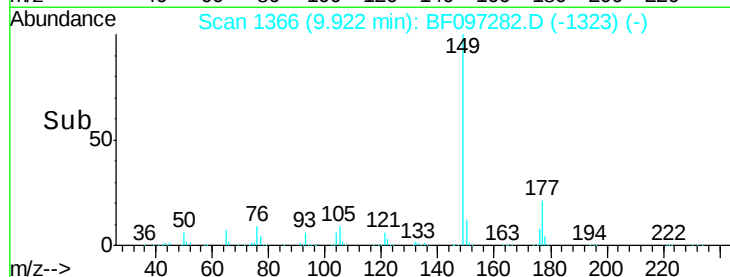
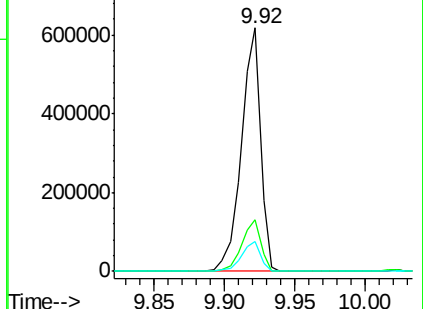
150 12.1 10.2 15.2



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: 38.57 ng

RT: 10.02 min Scan# 1383

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

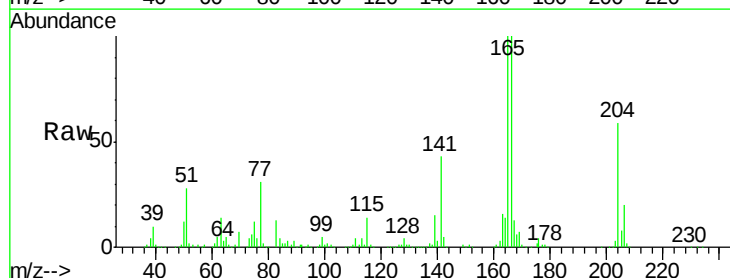
Tgt Ion:204 Resp: 200324

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.2

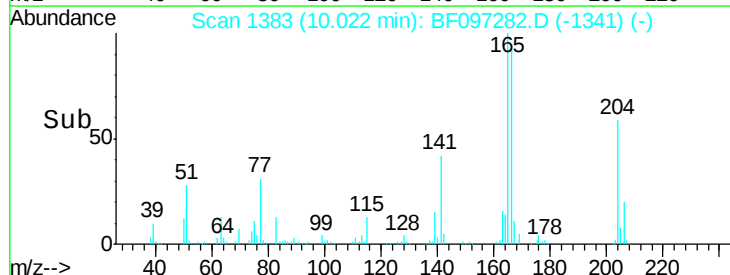
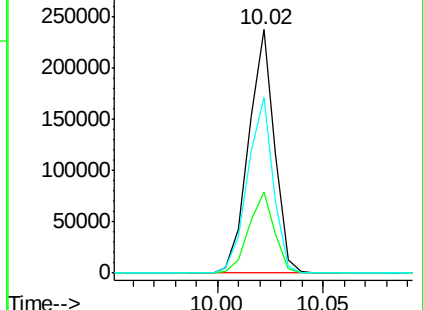
141 72.3 60.8 91.2

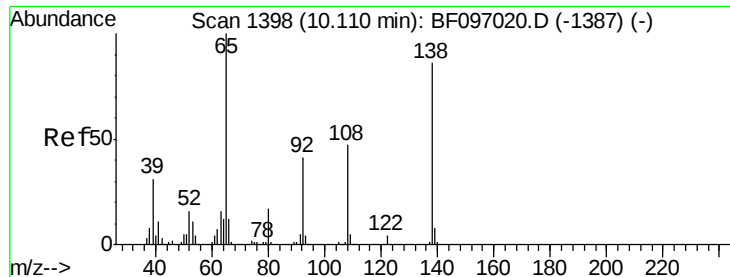


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

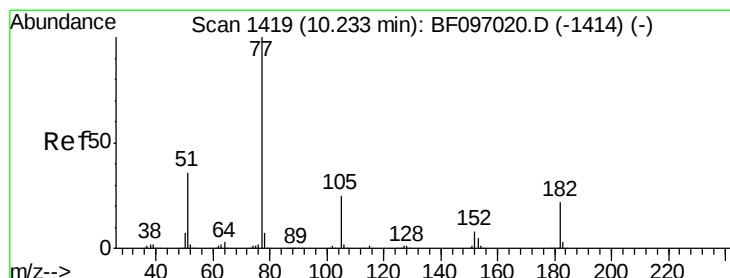
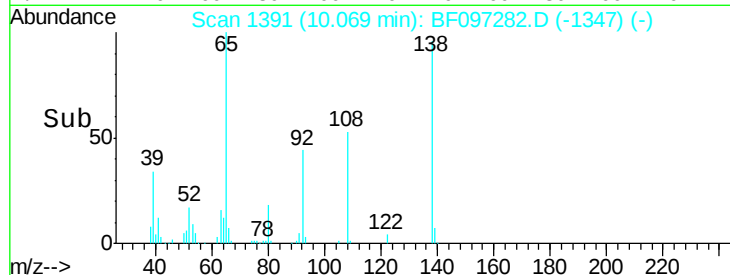
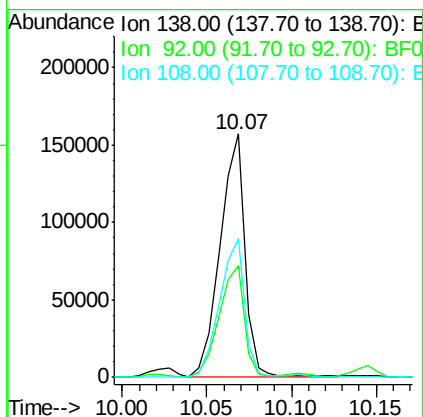
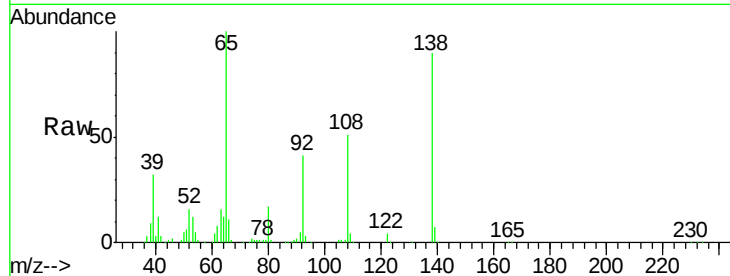




#61
4-Nitroaniline
Concen: 37.98 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

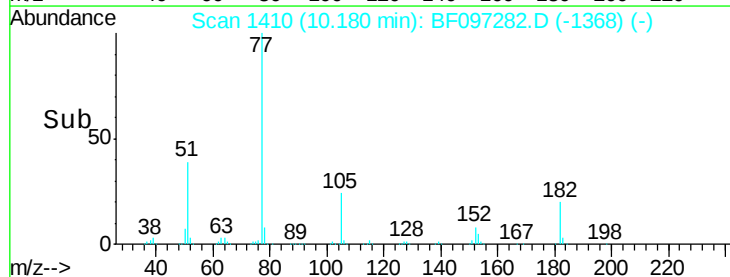
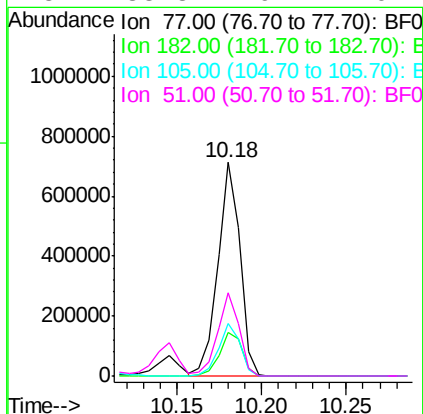
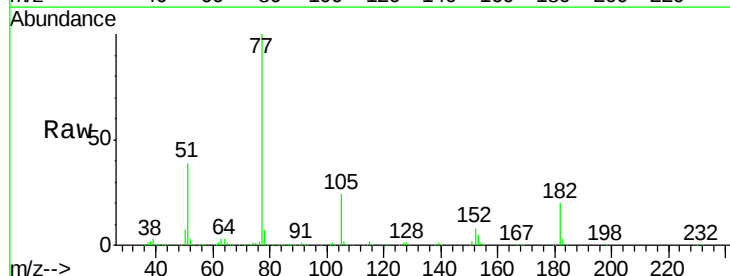
Instrument :
BNA_F
ClientSampled :

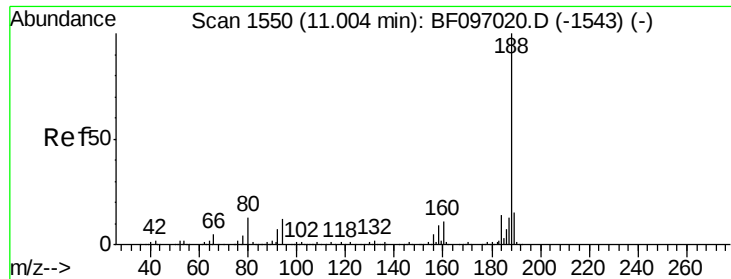
Tot Ion:138 Resp: 159520
Ion Ratio Lower Upper
138 100
92 45.7 21.8 61.8
108 57.0 42.3 82.3



#62
Azobenzene
Concen: 45.61 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion: 77 Resp: 651821
Ion Ratio Lower Upper
77 100
182 20.4 0.1 40.1
105 24.3 3.6 43.6
51 38.8 9.4 49.4

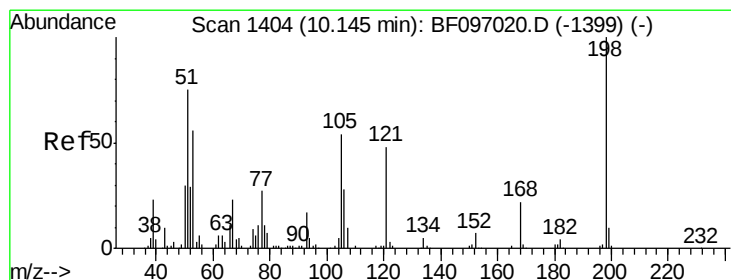
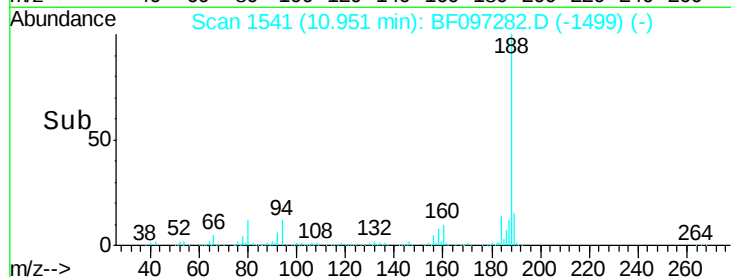
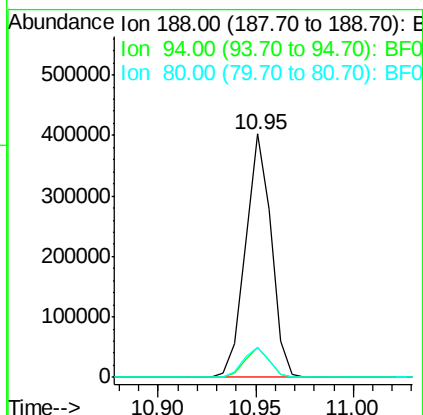
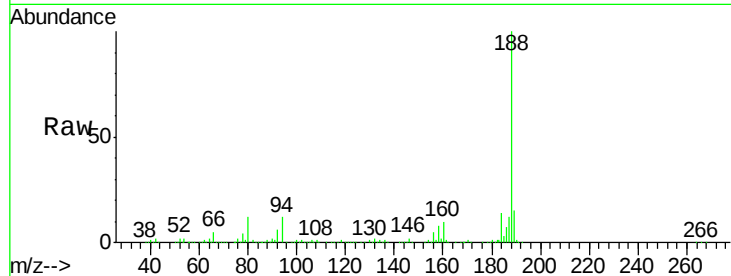




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

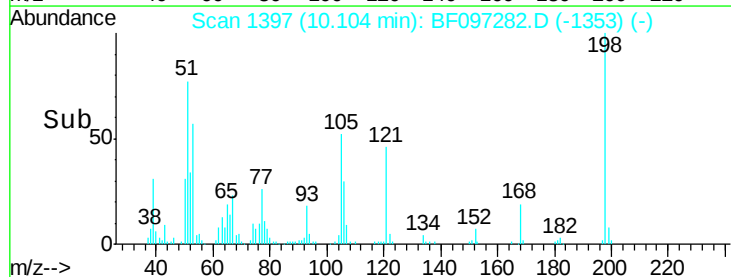
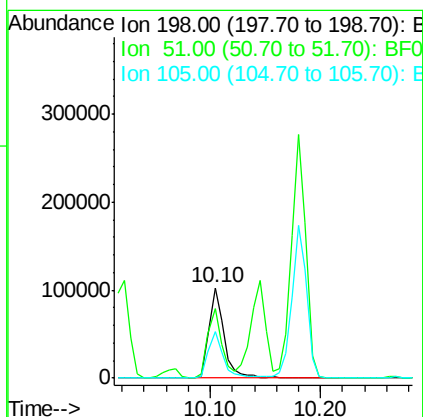
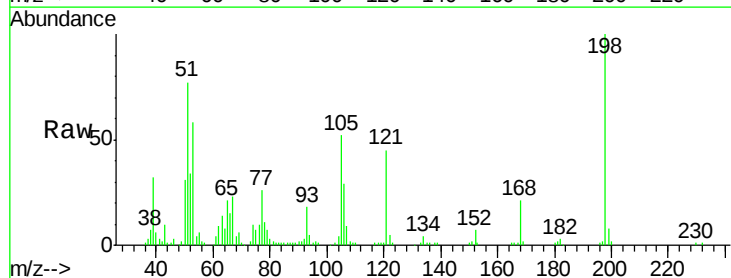
Instrument :
BNA_F
ClientSampleId :

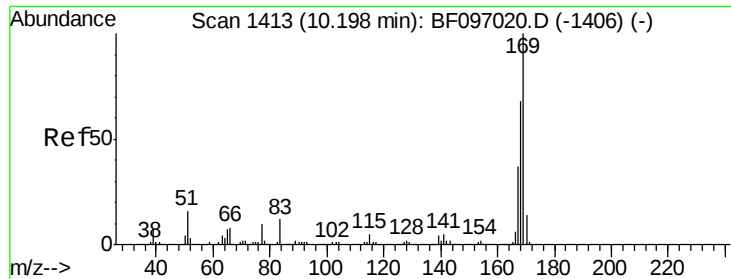
Tot Ion:188 Resp: 366104
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.66 ng
RT: 10.10 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion:198 Resp: 94781
Ion Ratio Lower Upper
198 100
51 76.8 53.2 93.2
105 52.0 45.8 85.8

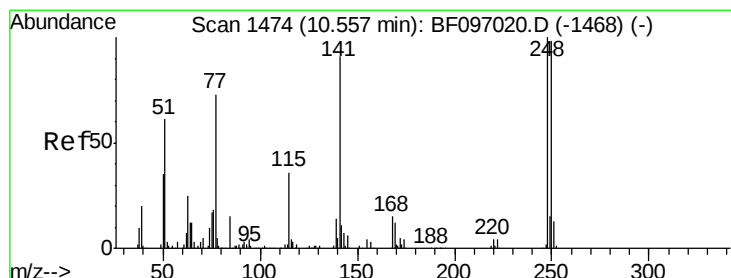
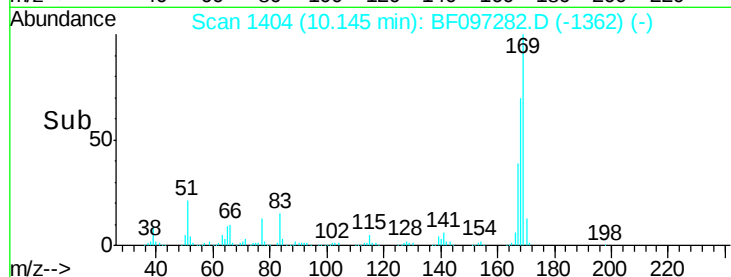
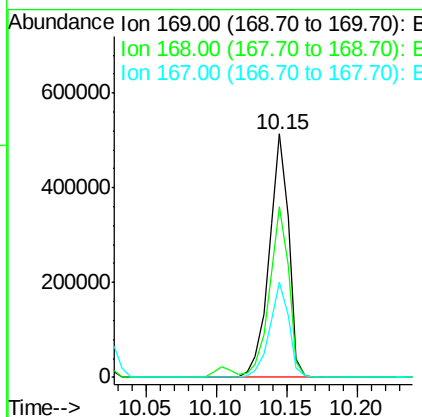
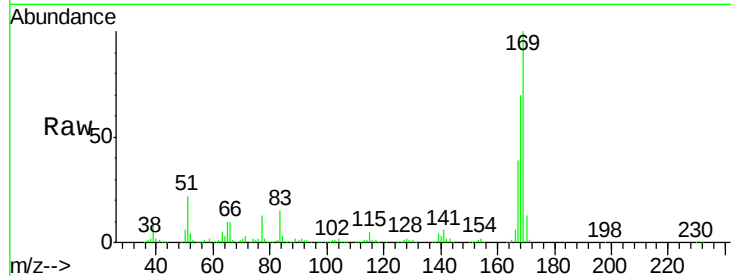




#65
 n-Nitrosodiphenylamine
 Concen: 39.23 ng
 RT: 10.15 min Scan# 1404
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

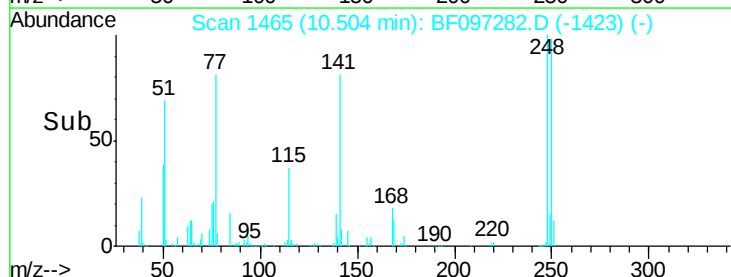
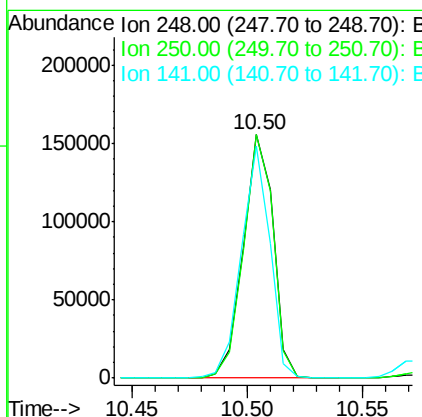
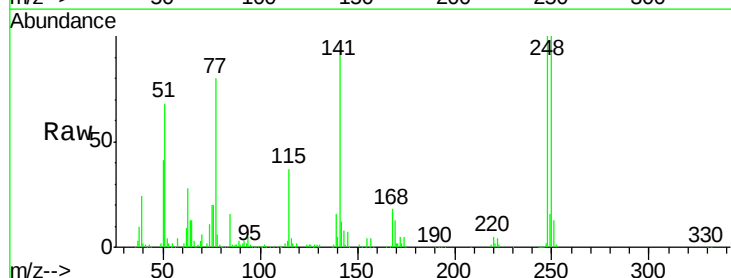
Instrument :
 BNA_F
 ClientSampleId :

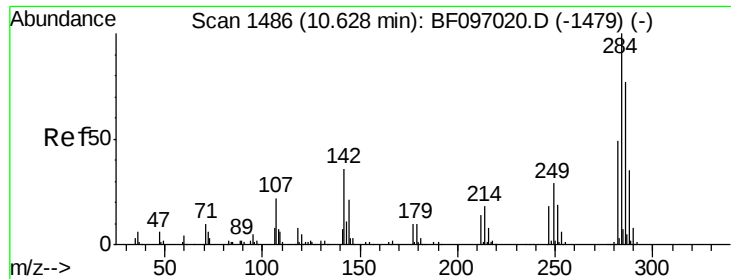
Tot Ion:169 Resp: 499666
 Ion Ratio Lower Upper
 169 100
 168 70.2 53.2 79.8
 167 39.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.70 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion:248 Resp: 141387
 Ion Ratio Lower Upper
 248 100
 250 99.9 76.8 115.2
 141 95.5 68.6 103.0

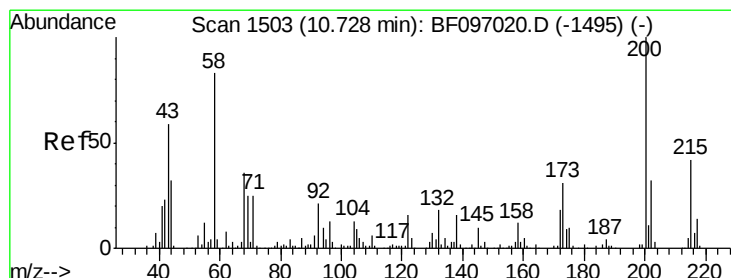
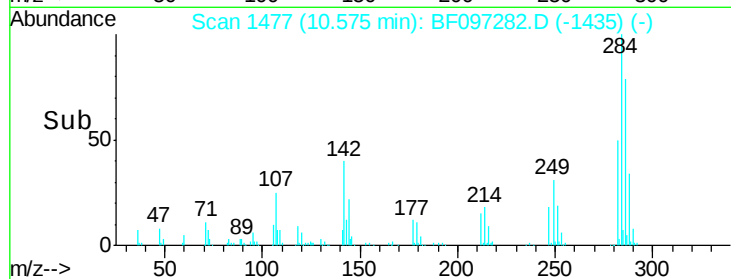
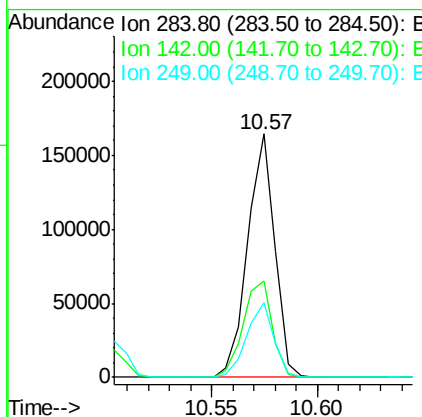
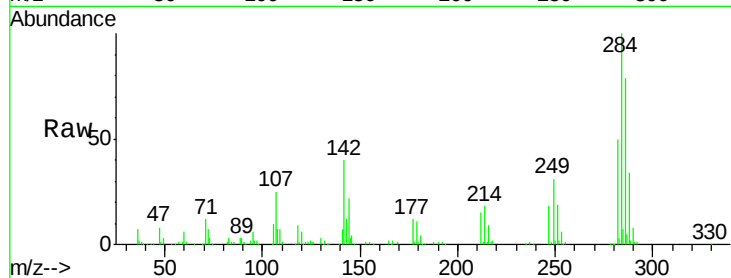




#67
Hexachlorobenzene
Concen: 35.80 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

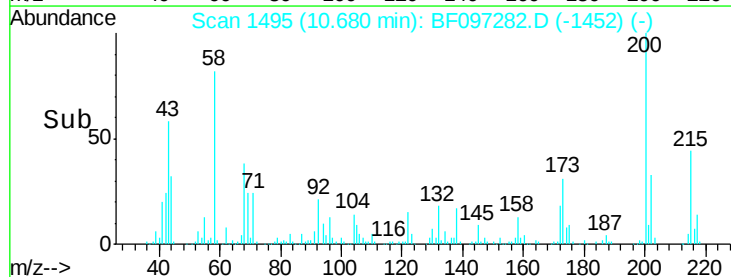
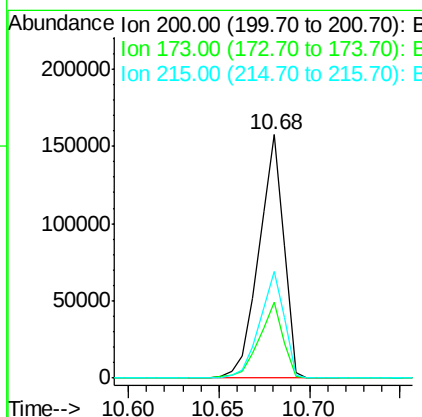
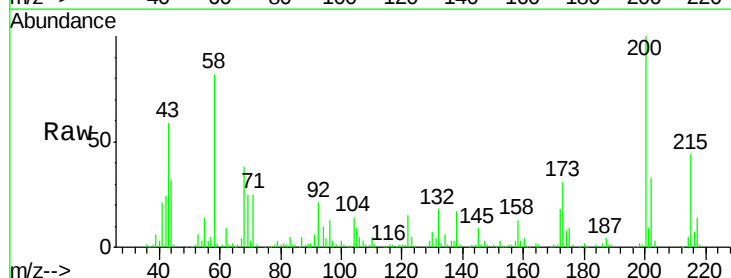
Instrument :
BNA_F
ClientSampleId :

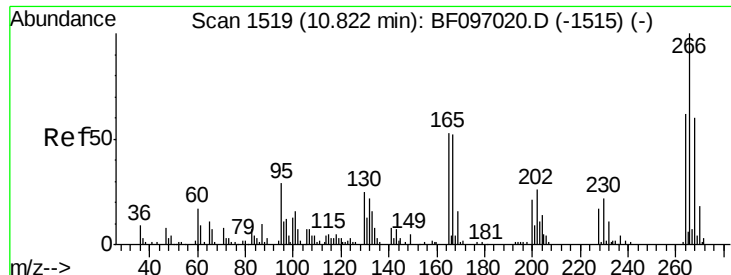
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.7	22.8	34.2#
249	30.7	24.0	36.0



#68
Atrazine
Concen: 41.41 ng
RT: 10.68 min Scan# 1495
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.0	6.3	46.3
215	43.7	27.2	67.2

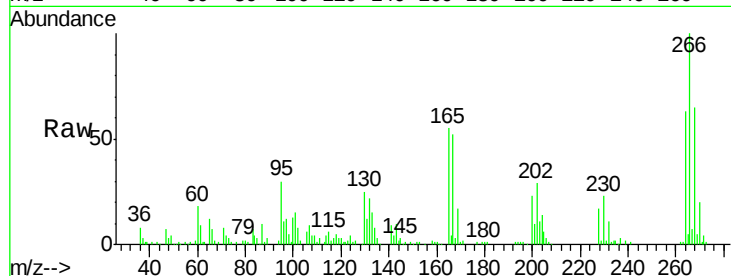




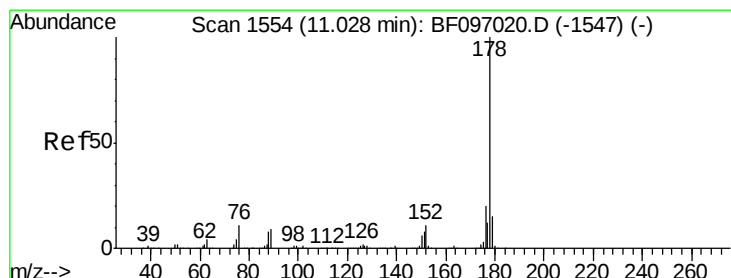
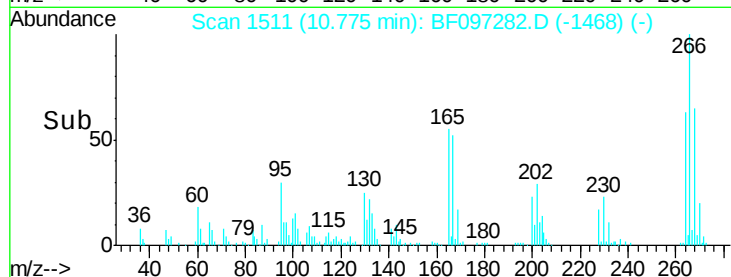
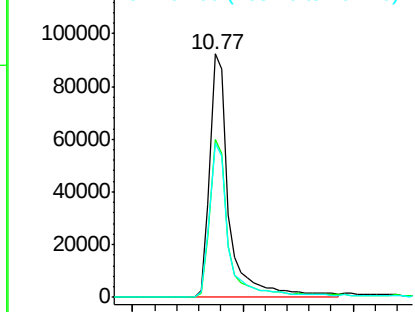
#69
 Pentachlorophenol
 Concen: 65.61 ng
 RT: 10.77 min Scan# 1511
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 111229
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.1 76.7
 264 63.2 51.7 77.5

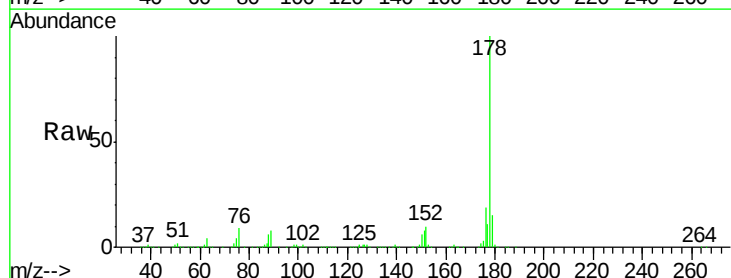


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

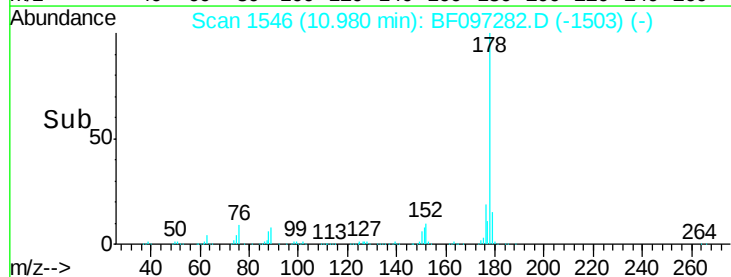
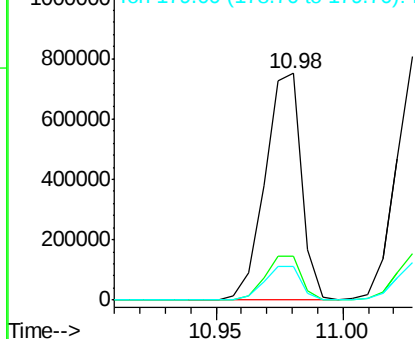


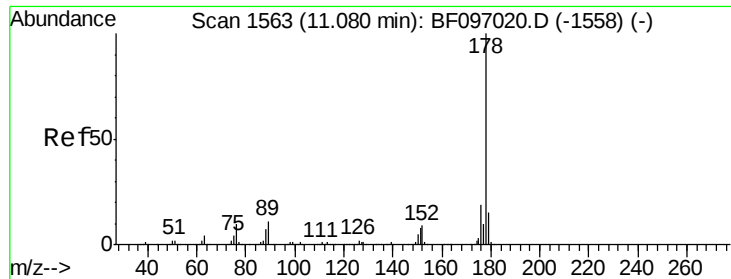
#70
 Phenanthrene
 Concen: 38.55 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion:178 Resp: 756202
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.1 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

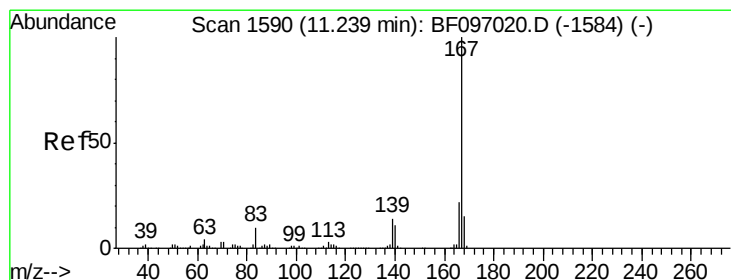
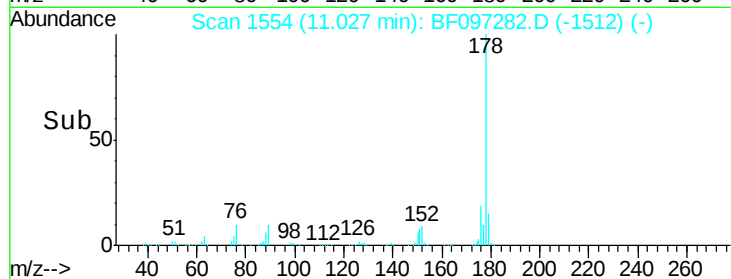
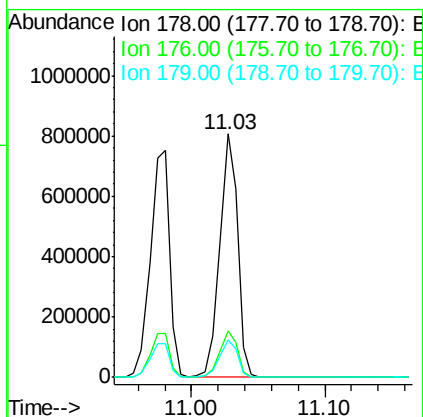
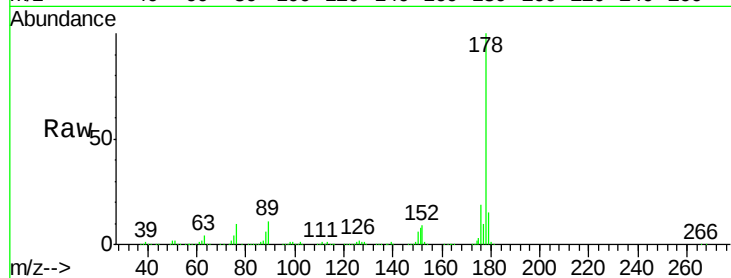




#71
 Anthracene
 Concen: 38.38 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

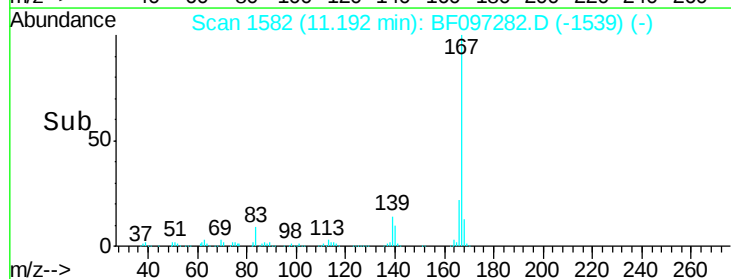
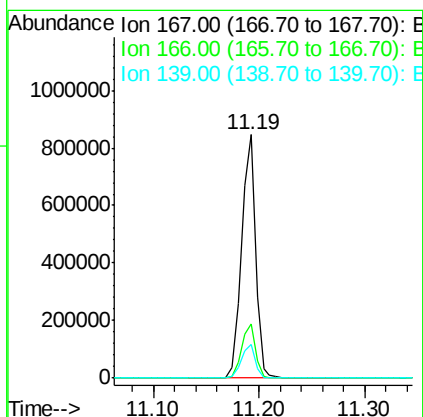
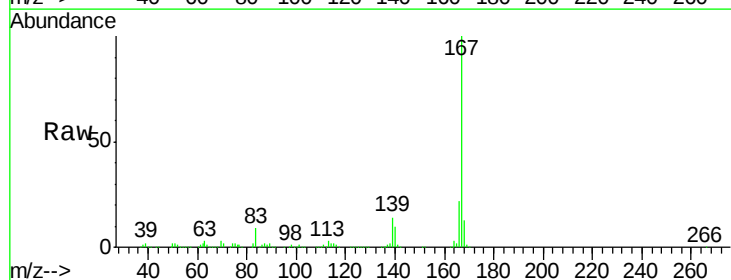
Instrument :
 BNA_F
 ClientSampleId :

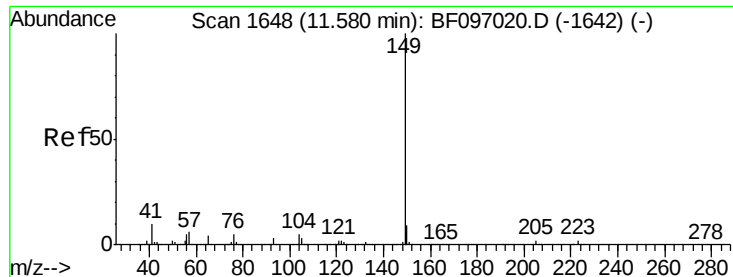
Tot Ion:178 Resp: 771136
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 38.65 ng
 RT: 11.19 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion:167 Resp: 763605
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.6 11.7 17.5

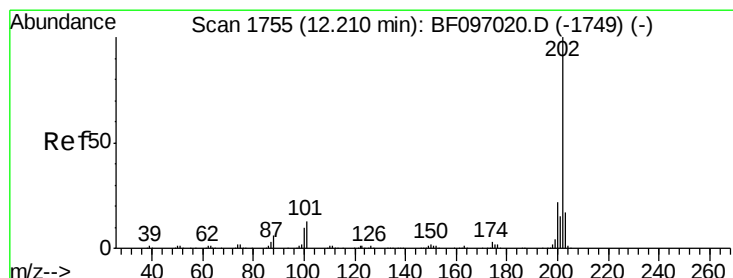
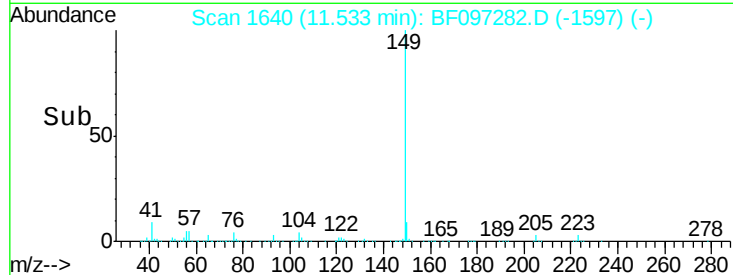
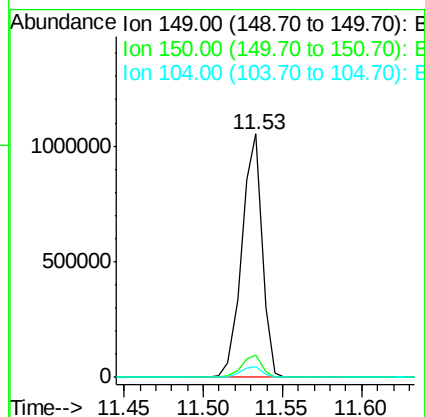
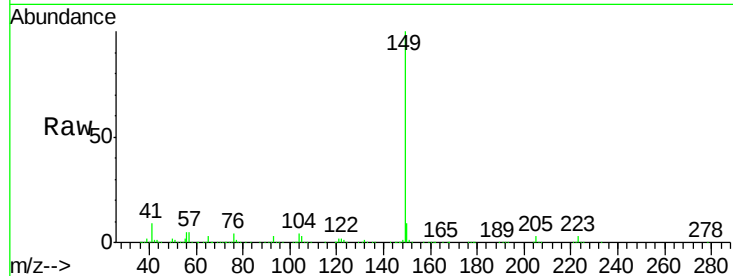




#73
Di-n-butylphthalate
Concen: 38.07 ng
RT: 11.53 min Scan# 1640
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

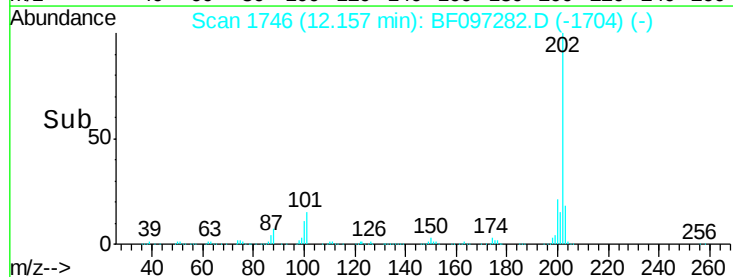
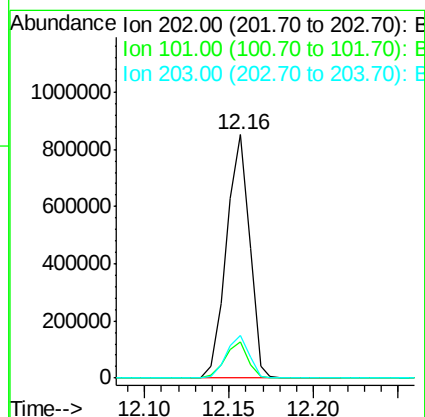
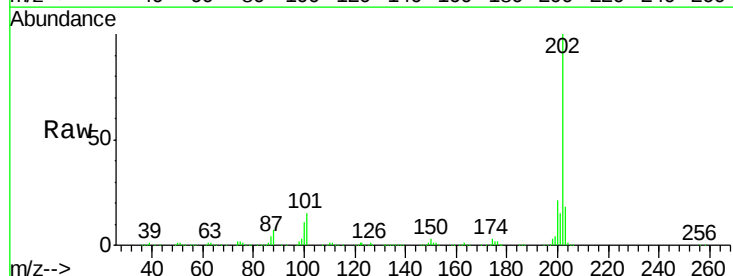
Instrument :
BNA_F
ClientSampleId :

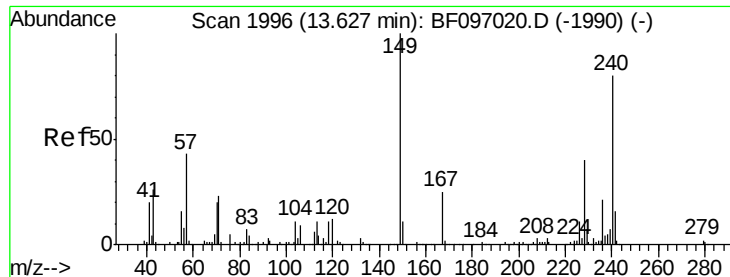
Tot Ion:149 Resp: 929827
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 42.26 ng
RT: 12.16 min Scan# 1746
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion:202 Resp: 812185
Ion Ratio Lower Upper
202 100
101 14.9 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.57 min Scan# 1987

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :

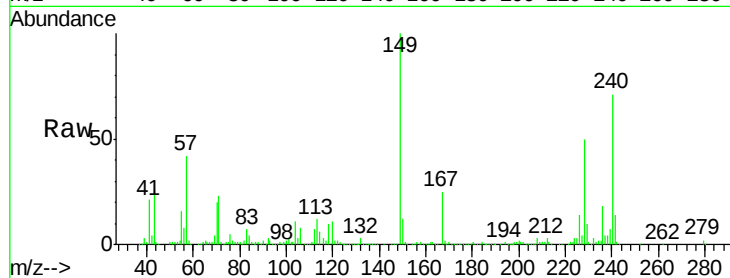
Tot Ion:240 Resp: 223101

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

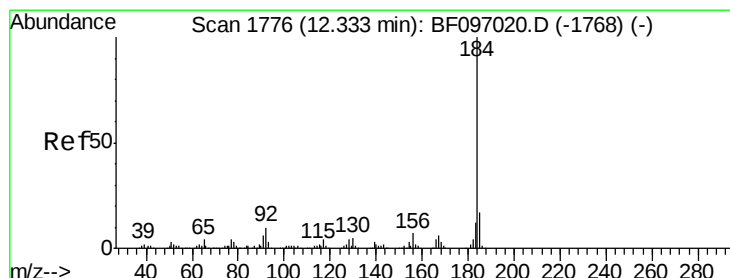
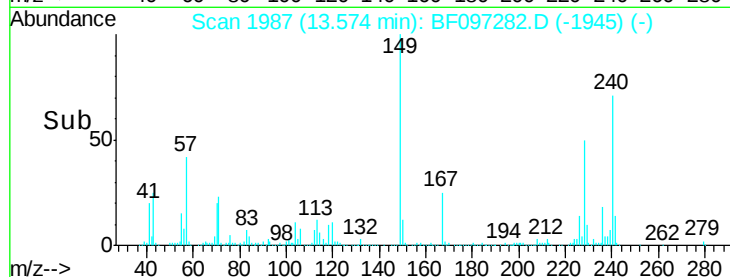
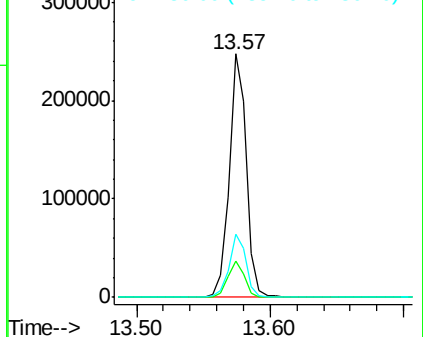
236 25.9 20.5 30.7



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: 53.38 ng

RT: 12.29 min Scan# 1768

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

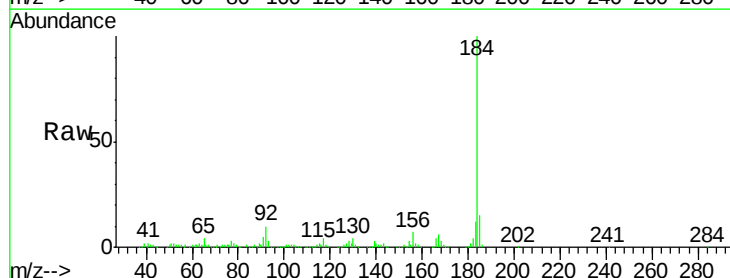
Tgt Ion:184 Resp: 441860

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

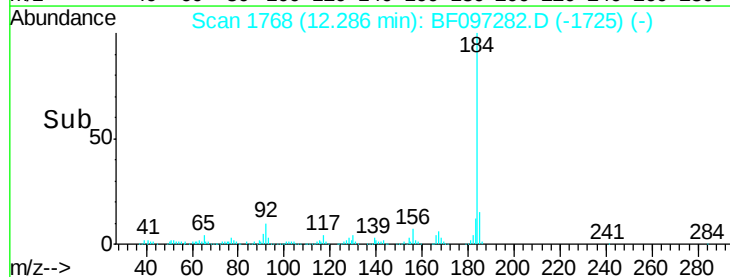
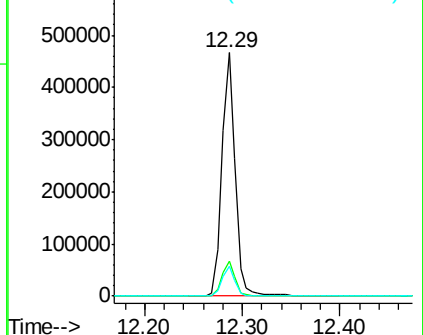
183 12.4 9.8 14.6

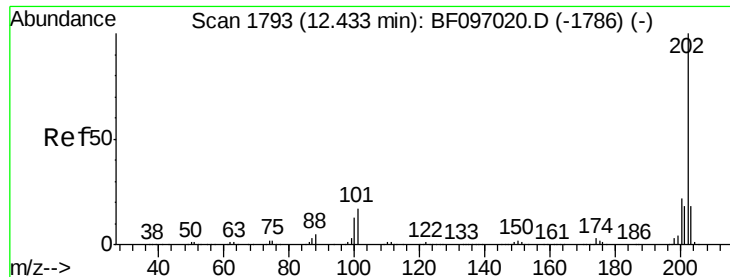


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

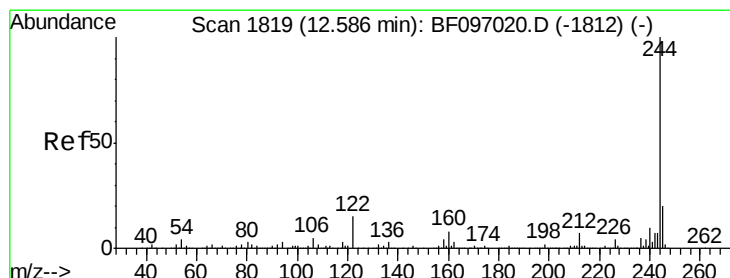
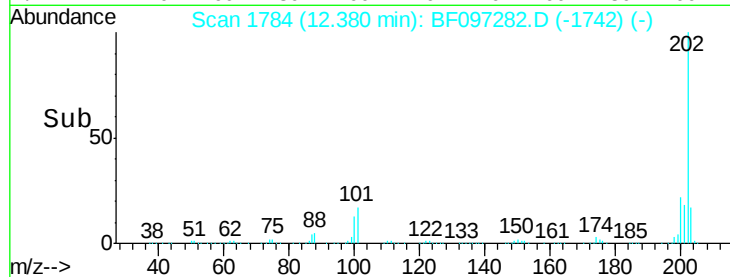
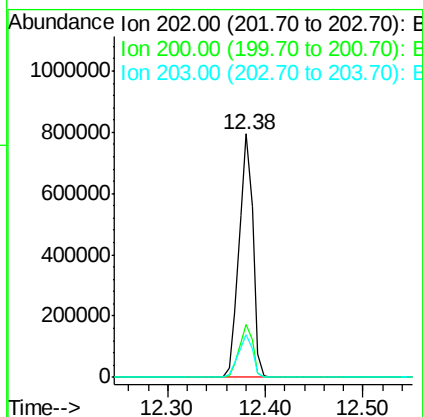
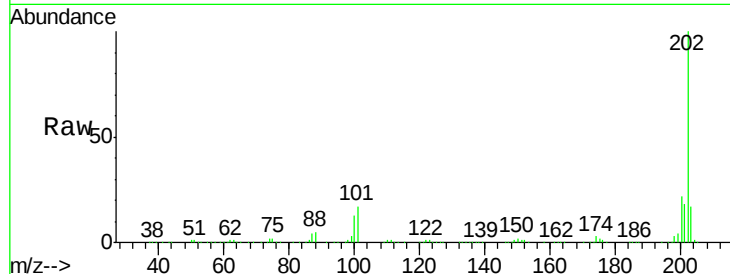




#77
Pvrene
Concen: 42.74 ng
RT: 12.38 min Scan# 1784
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

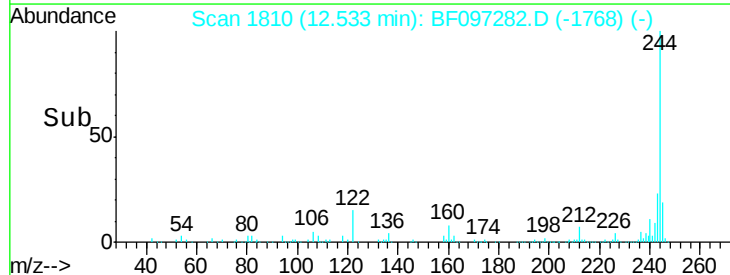
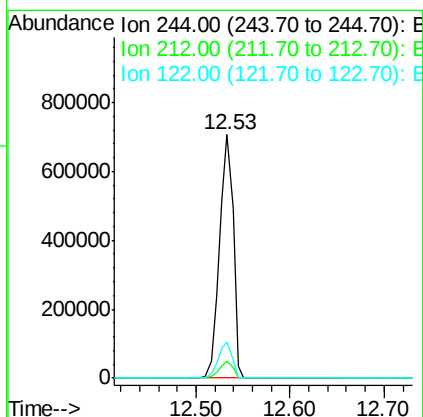
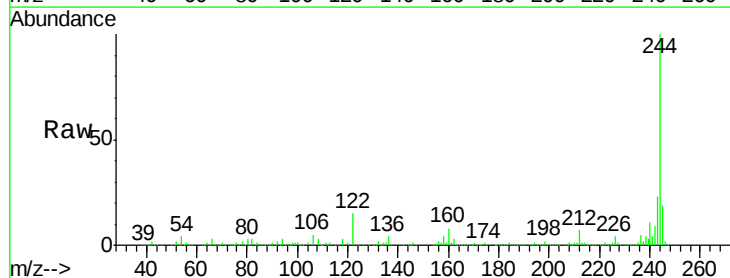
Instrument :
BNA_F
ClientSampled :

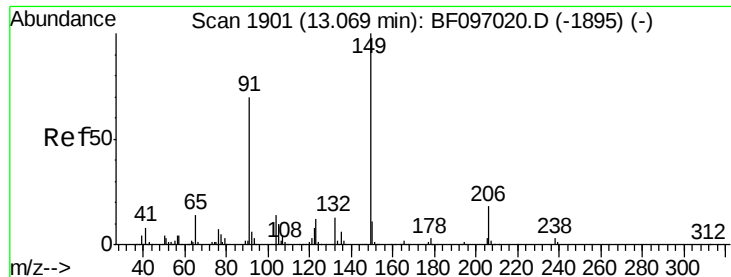
Tot Ion: 202 Resp: 780715
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 66.28 ng
RT: 12.53 min Scan# 1810
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion: 244 Resp: 725256
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.7 10.3 15.5

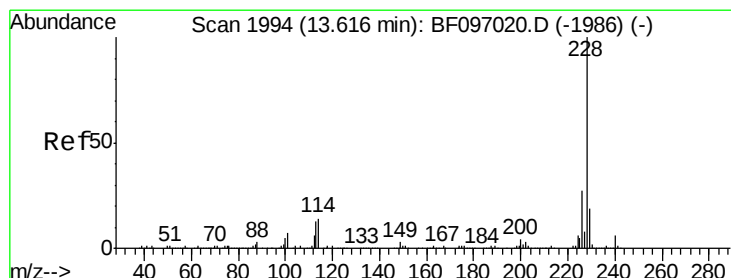
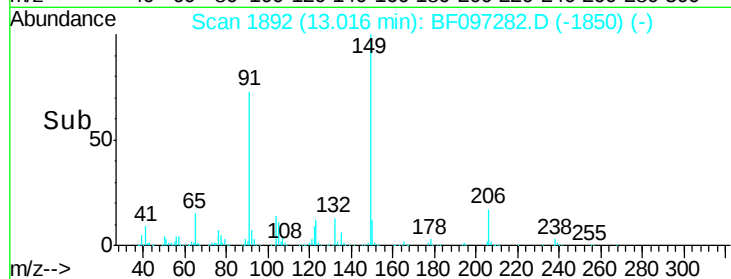
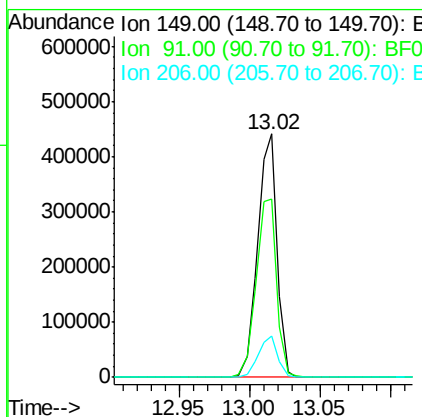
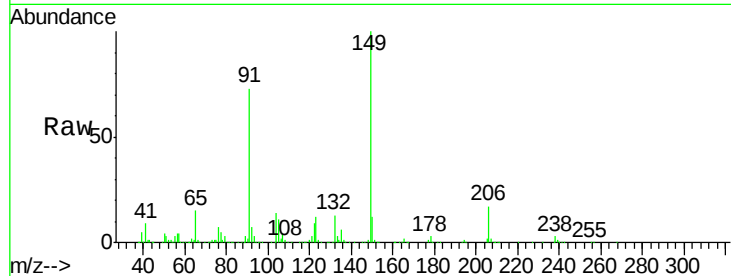




#79
Butylbenzylphthalate
Concen: 46.37 ng
RT: 13.02 min Scan# 1892
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

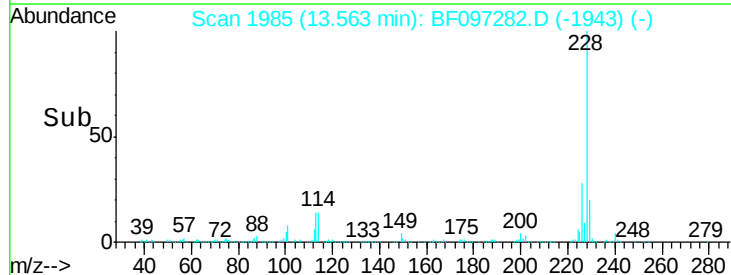
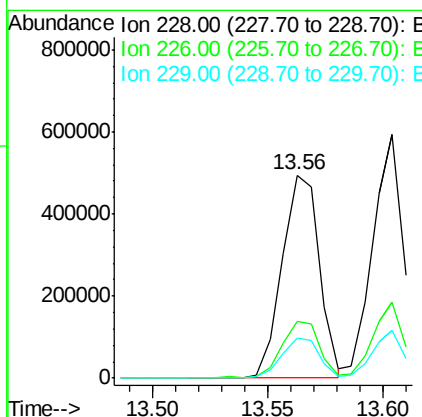
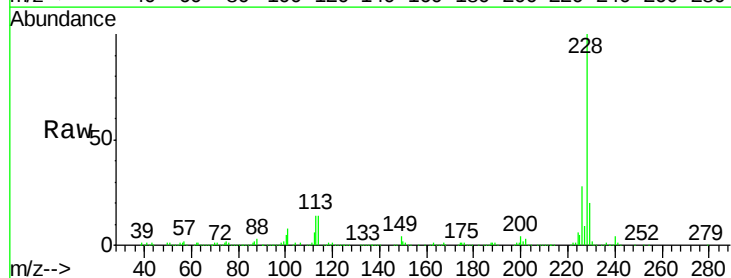
Instrument :
BNA_F
ClientSampled :

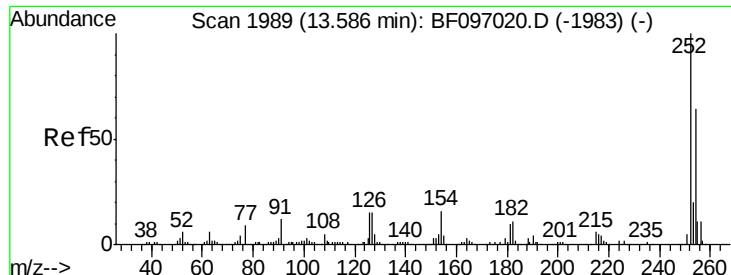
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	45.0	67.4
206	17.2	17.0	25.6



#80
Benzo(a)anthracene
Concen: 38.30 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.6	16.3	24.5

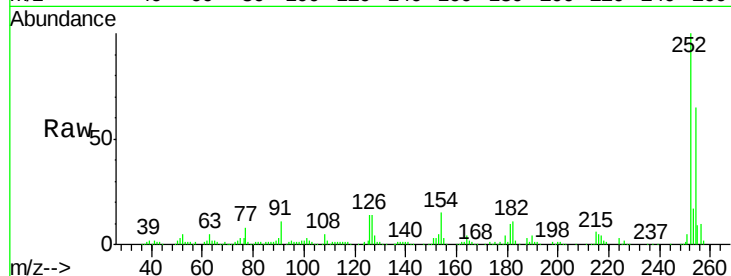




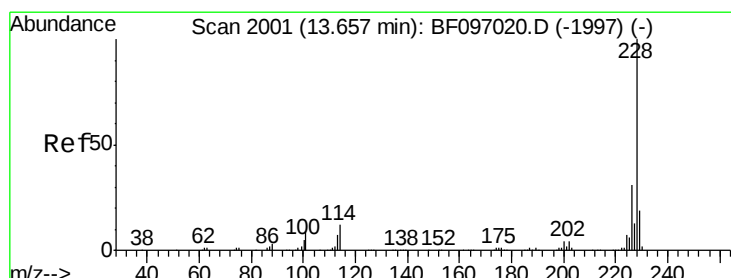
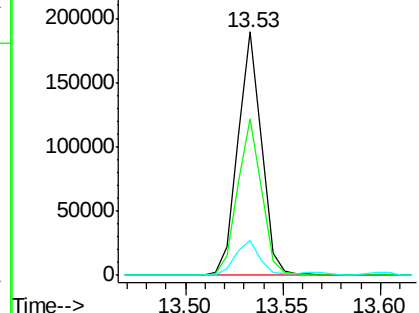
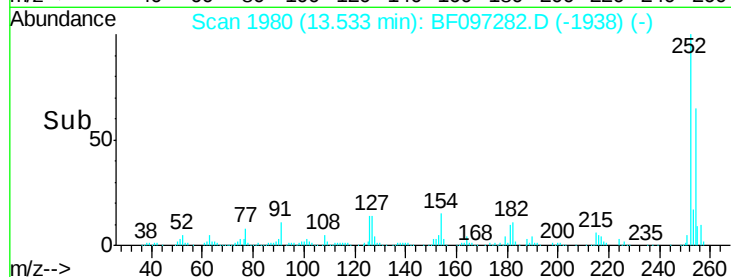
#81
 3,3'-Dichlorobenzidine
 Concen: 29.33 ng
 RT: 13.53 min Scan# 1980
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	14.2	15.8	23.8#

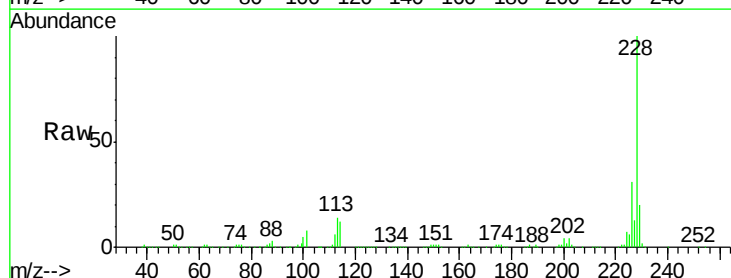


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

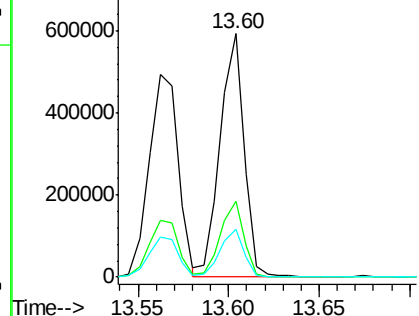
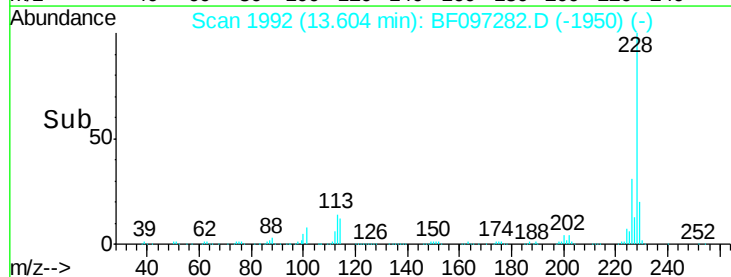


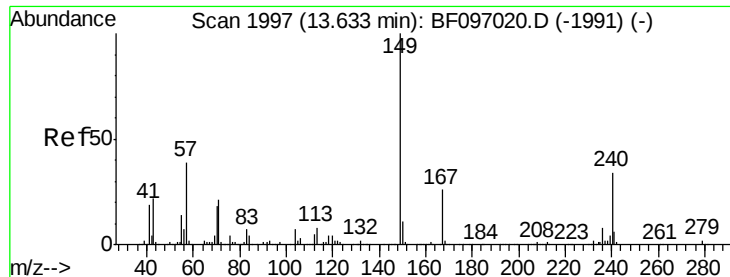
#82
 Chrysene
 Concen: 38.50 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.05 min
 Lab File: BF097282.D
 Acq: 2 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.6	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.83 ng

RT: 13.58 min Scan# 1988

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :

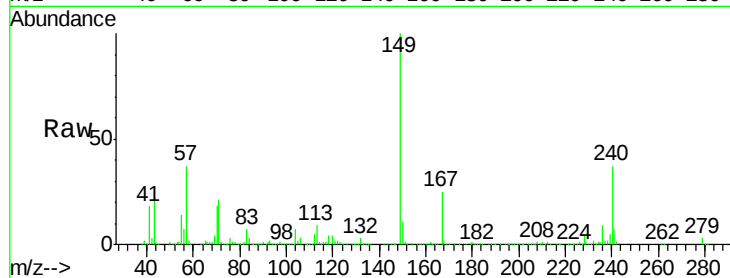
Tot Ion:149 Resp: 495341

Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.4

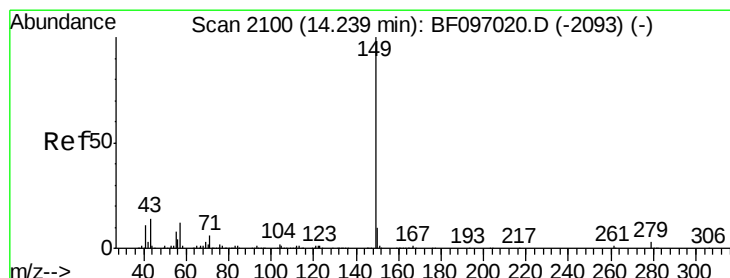
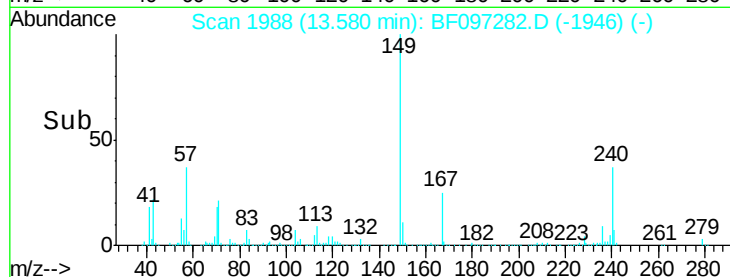
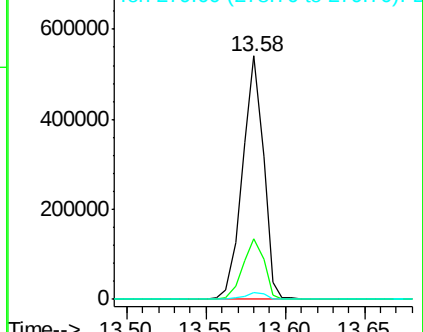
279 2.7 1.9 2.9



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: 39.16 ng

RT: 14.19 min Scan# 2091

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

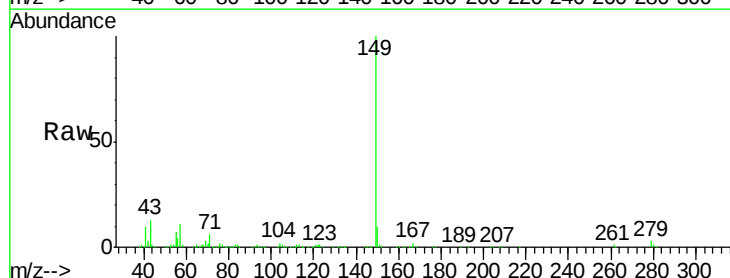
Tgt Ion:149 Resp: 871795

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

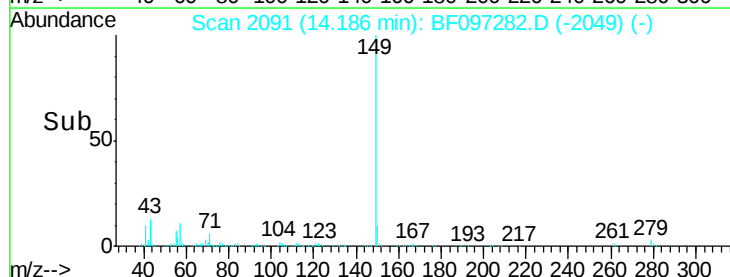
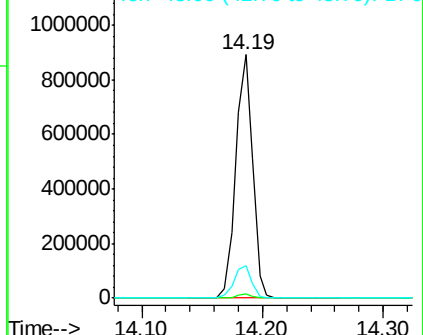
43 13.5 8.5 12.7#

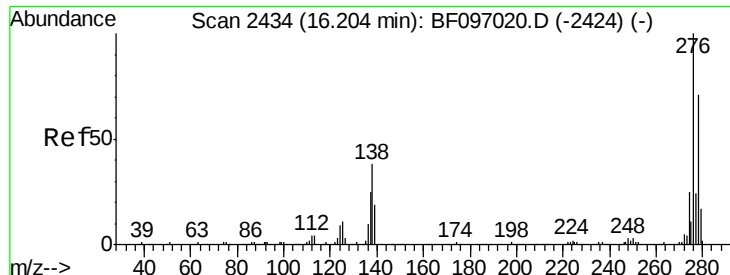


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

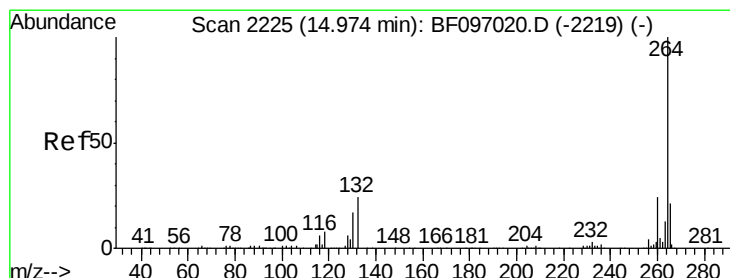
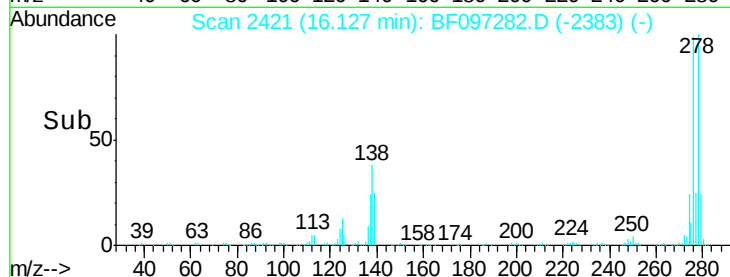
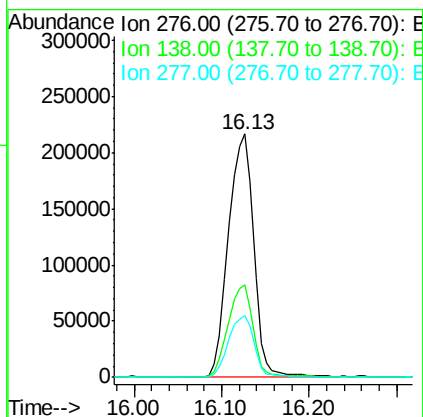
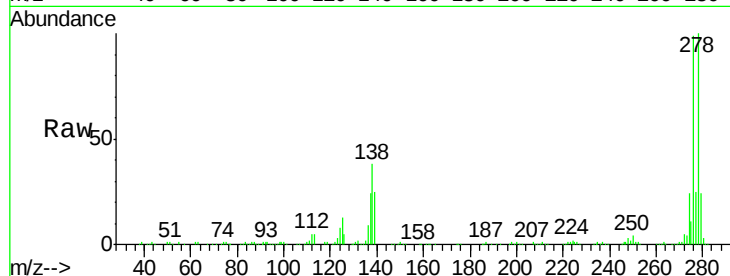




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.65 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.08 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

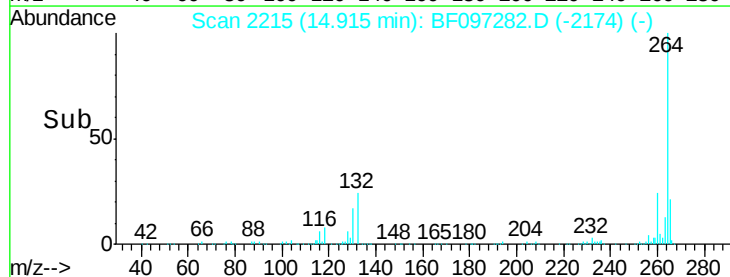
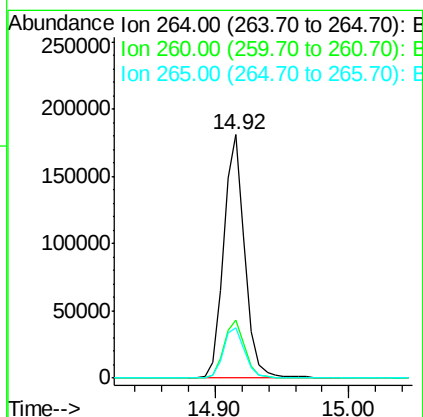
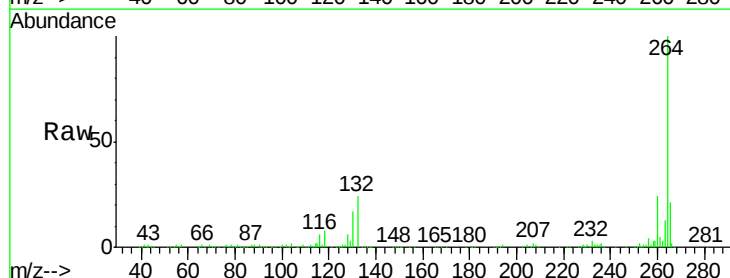
Instrument :
BNA_F
ClientSampled :

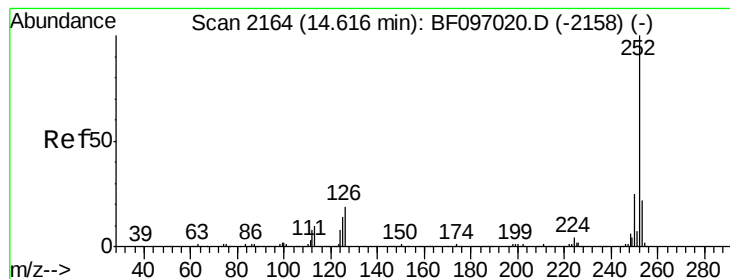
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.9	27.8	41.6
277	25.3	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.06 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.96 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.05 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :

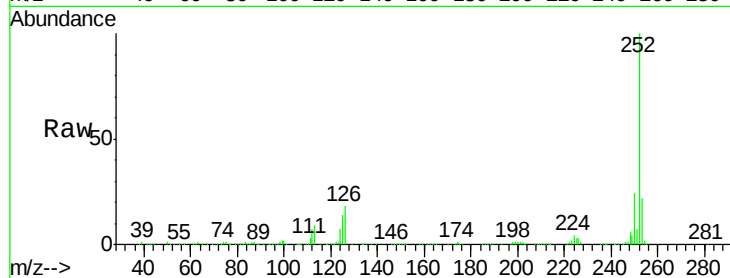
Tot Ion:252 Resp: 471626

Ion Ratio Lower Upper

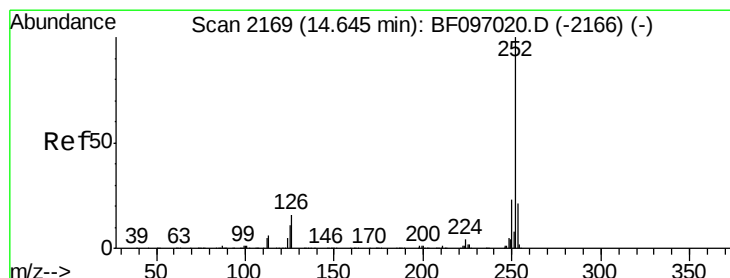
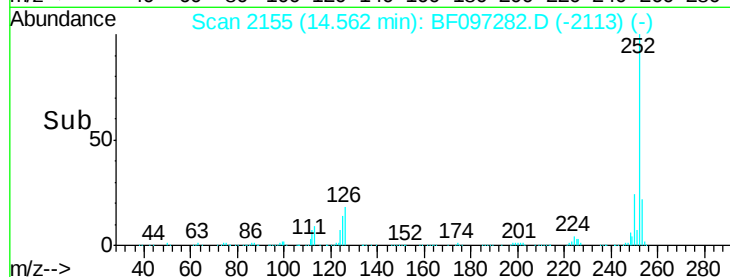
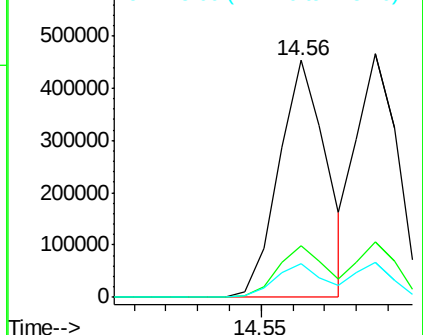
252 100

253 21.9 18.1 27.1

125 14.1 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: 36.37 ng

RT: 14.59 min Scan# 2159

Delta R.T. -0.06 min

Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

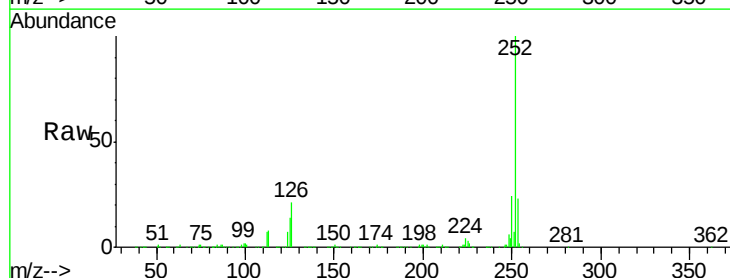
Tgt Ion:252 Resp: 419484

Ion Ratio Lower Upper

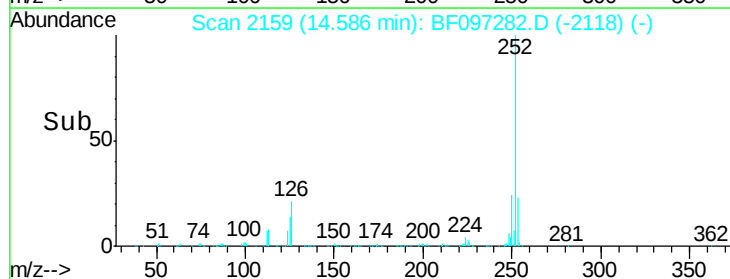
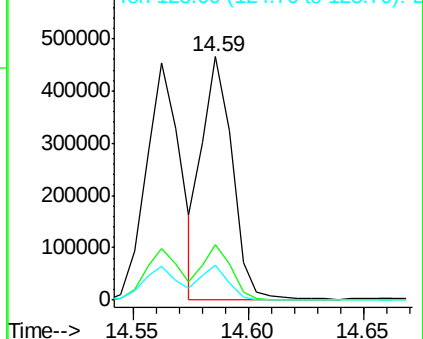
252 100

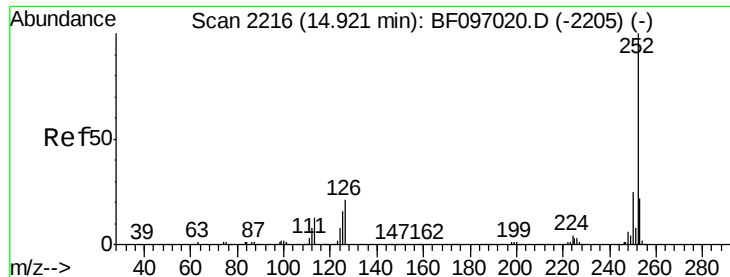
253 22.9 18.4 27.6

125 14.2 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

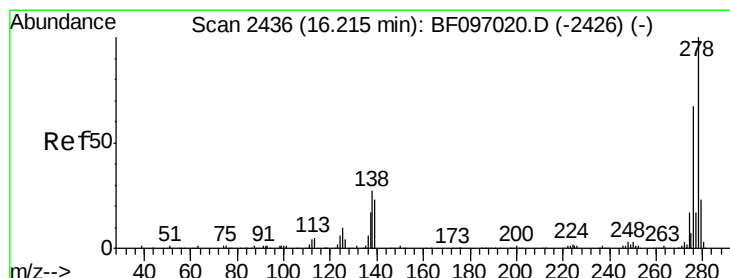
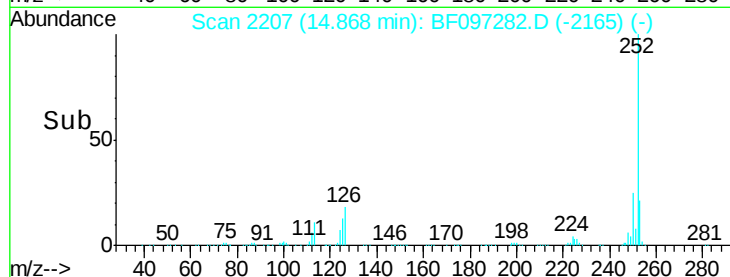
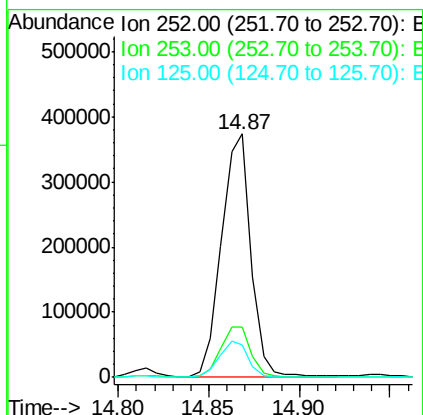
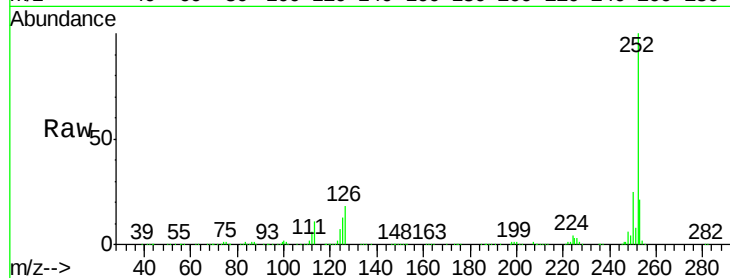




#89
Benzo(a)pyrene
Concen: 37.99 ng
RT: 14.87 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

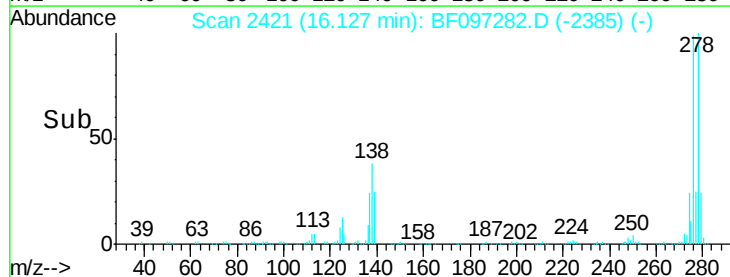
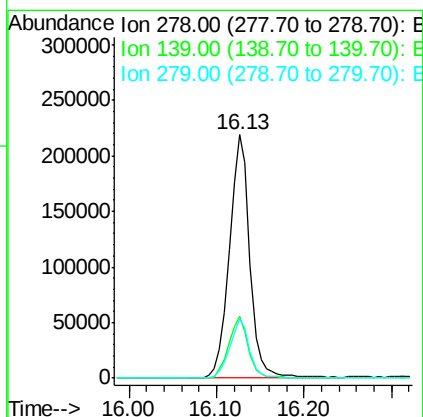
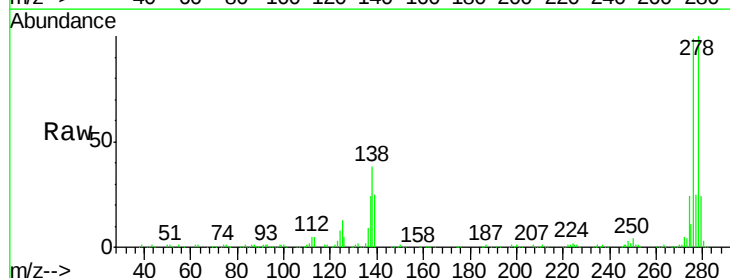
Instrument :
BNA_F
ClientSampleId :

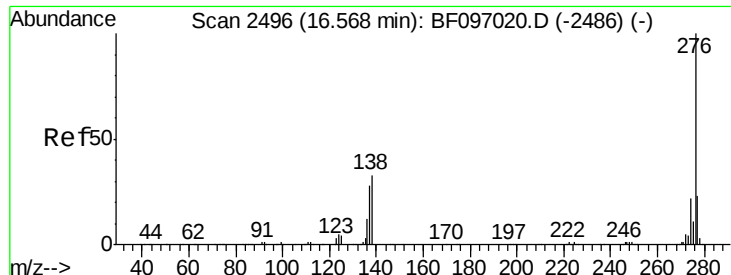
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.5	26.3
125	13.1	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.59 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.09 min
Lab File: BF097282.D
Acq: 2 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.3	16.6	24.8#
279	24.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 40.47 ng

RT: 16.48 min Scan# 2481

Delta R.T. -0.09 min

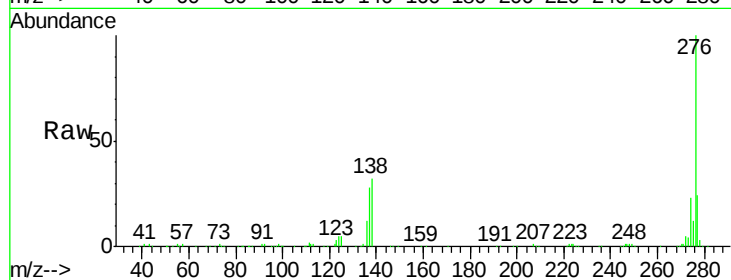
Lab File: BF097282.D

Acq: 2 Aug 2017 19:20

Instrument :

BNA_F

ClientSampleId :



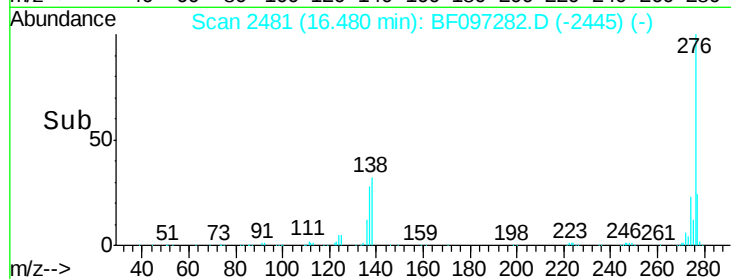
Tot Ion: 276 Resp: 385549

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 32.0 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

