

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097479.D
 Acq On : 8 Aug 2017 20:16
 Operator : SJ/JU
 Sample : PB101345BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 00:59:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	96317	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	404178	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	197455	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	324732	20.00	ng	0.00
75) Chrysene-d12	13.53	240	196069	20.00	ng	0.00
86) Perylene-d12	14.87	264	192377	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.01	112	812809	127.22	ng	0.00
7) Phenol-d6	6.09	99	899157	123.27	ng	0.00
23) Nitrobenzene-d5	6.98	82	603779	87.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	191754	122.91	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	994209	85.45	ng	0.00
78) Terphenyl-d14	12.49	244	780942	81.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.98	88	116455	43.68	ng	# 71
3) Pyridine	2.57	79	320600	39.27	ng	# 60
4) n-Nitrosodimethylamine	2.53	42	204924	45.31	ng	# 79
6) Aniline	6.07	93	283178	30.85	ng	# 87
8) 2-Chlorophenol	6.20	128	283345	41.47	ng	96
9) Benzaldehyde	5.95	77	128089	29.67	ng	91
10) Phenol	6.10	94	357630	41.34	ng	95
11) bis(2-Chloroethyl)ether	6.16	93	262854	38.41	ng	90
12) 1,3-Dichlorobenzene	6.35	146	309460	42.03	ng	99
13) 1,4-Dichlorobenzene	6.42	146	315771	43.28	ng	95
14) 1,2-Dichlorobenzene	6.57	146	265898	41.74	ng	99
15) Benzyl Alcohol	6.57	79	232181	50.28	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.70	45	547295	39.88	ng	54
17) 2-Methylphenol	6.70	107	226959	43.04	ng	# 87
18) Hexachloroethane	6.91	117	116329	43.58	ng	# 82
19) n-Nitroso-di-n-propylamine	6.85	70	224815	46.82	ng	# 83
20) 3+4-Methylphenols	6.86	107	340953	49.51	ng	# 61
22) Acetophenone	6.83	105	441998	45.54	ng	97
24) Nitrobenzene	7.00	77	321542	44.81	ng	96
25) Isophorone	7.25	82	565721	41.93	ng	97
26) 2-Nitrophenol	7.32	139	168466	43.40	ng	# 84
27) 2,4-Dimethylphenol	7.37	122	265183	41.41	ng	99
28) bis(2-Chloroethoxy)methane	7.46	93	350745	39.83	ng	99
29) 2,4-Dichlorophenol	7.57	162	256559	46.51	ng	94
30) 1,2,4-Trichlorobenzene	7.64	180	227977	43.35	ng	98
31) Naphthalene	7.71	128	819397	43.01	ng	99
32) Benzoic acid	7.56	122	193170	40.40	ng	94
33) 4-Chloroaniline	7.78	127	183493	23.67	ng	96
34) Hexachlorobutadiene	7.83	225	114277	40.99	ng	98
35) Caprolactam	8.16	113	47183	26.67	ng	# 53
36) 4-Chloro-3-methylphenol	8.29	107	285297	47.40	ng	89
37) 2-Methylnaphthalene	8.40	142	600956	49.82	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	215686	40.94	ng	99
40) Hexachlorocyclopentadiene	8.56	237	105100	58.94	ng	97

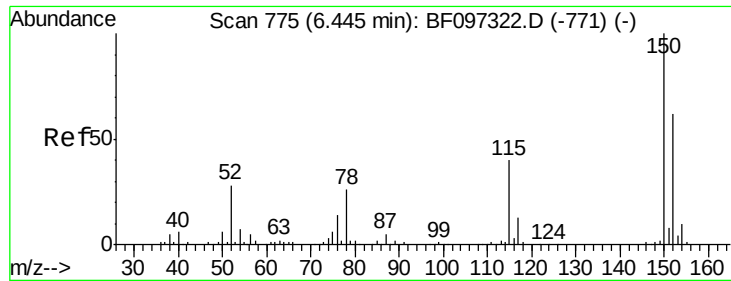
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
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 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	144361	37.81	nq	100
43) 2,4,5-Trichlorophenol	8.75	196	144242	37.74	nq	96
45) 1,1'-Biphenyl	8.87	154	665589	39.46	nq	97
46) 2-Chloronaphthalene	8.89	162	517004	41.66	nq	# 92
47) 2-Nitroaniline	9.00	65	209936	46.61	nq	94
48) Acenaphthylene	9.30	152	798857	41.93	nq	99
49) Dimethylphthalate	9.18	163	617473	41.18	nq	100
50) 2,6-Dinitrotoluene	9.25	165	134265	42.22	nq	# 71
51) Acenaphthene	9.47	154	469668	41.86	nq	99
52) 3-Nitroaniline	9.42	138	106682	27.03	nq	89
53) 2,4-Dinitrophenol	9.54	184	116408	80.50	nq	# 72
54) Dibenzofuran	9.64	168	696243	46.58	nq	94
55) 4-Nitrophenol	9.64	139	436828	186.08	nq	# 35
56) 2,4-Dinitrotoluene	9.66	165	182929	50.04	nq	# 78
57) Fluorene	9.98	166	497012	44.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.77	232	120704	45.75	nq	98
59) Diethylphthalate	9.88	149	585652	42.57	nq	99
60) 4-Chlorophenyl-phenylether	9.97	204	200746	43.28	nq	100
61) 4-Nitroaniline	10.03	138	163361	43.55	nq	92
62) Azobenzene	10.14	77	611329	47.90	nq	91
64) 4,6-Dinitro-2-methylphenol	10.07	198	87518	43.37	nq	88
65) n-Nitrosodiphenylamine	10.10	169	486357	43.05	nq	97
66) 4-Bromophenyl-phenylether	10.46	248	136999	42.27	nq	96
67) Hexachlorobenzene	10.53	284	146445	40.30	nq	# 83
68) Atrazine	10.64	200	141557	43.69	nq	93
69) Pentachlorophenol	10.74	266	86016	57.20	nq	97
70) Phenanthrene	10.93	178	754765	43.38	nq	99
71) Anthracene	10.99	178	778242	43.67	nq	99
72) Carbazole	11.15	167	771975	44.05	nq	99
73) Di-n-butylphthalate	11.49	149	898156	41.46	nq	100
74) Fluoranthene	12.12	202	745631	43.74	nq	99
76) Benzidine	12.24	184	403015	55.40	nq	# 94
77) Pyrene	12.34	202	765213	47.67	nq	99
79) Butylbenzylphthalate	12.97	149	375998	46.05	nq	# 78
80) Benzo(a)anthracene	13.52	228	556845	43.89	nq	99
81) 3,3'-Dichlorobenzidine	13.49	252	142670	29.82	nq	# 96
82) Chrysene	13.56	228	563024	45.45	nq	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	423851	39.76	nq	98
84) Di-n-octyl phthalate	14.14	149	775013	39.61	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.06	276	463346	43.62	nq	97
87) Benzo(b)fluoranthene	14.52	252	479699	41.48	nq	97
88) Benzo(k)fluoranthene	14.54	252	466460	42.33	nq	98
89) Benzo(a)pyrene	14.82	252	461647	43.62	nq	98
90) Dibenzo(a,h)anthracene	16.06	278	374612	43.16	nq	96
91) Benzo(g,h,i)perylene	16.40	276	412411	45.31	nq	97

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

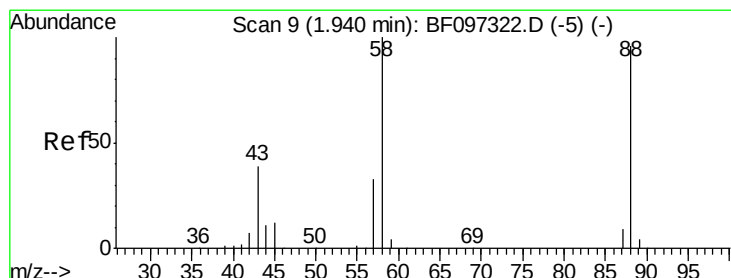
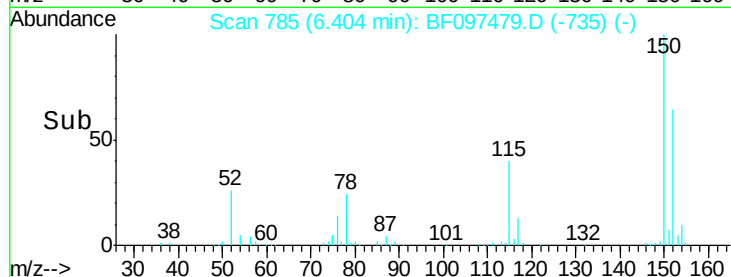
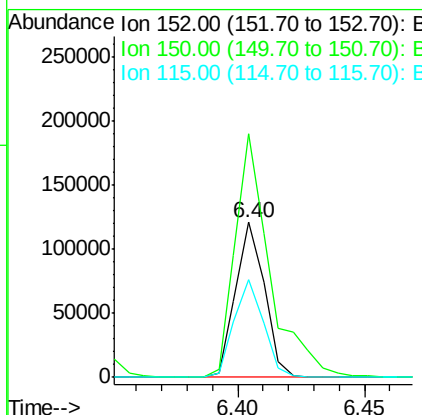
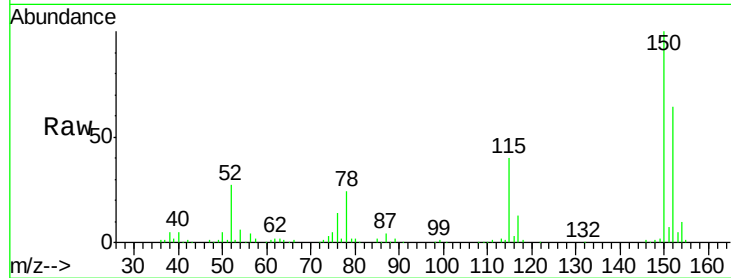


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampled :

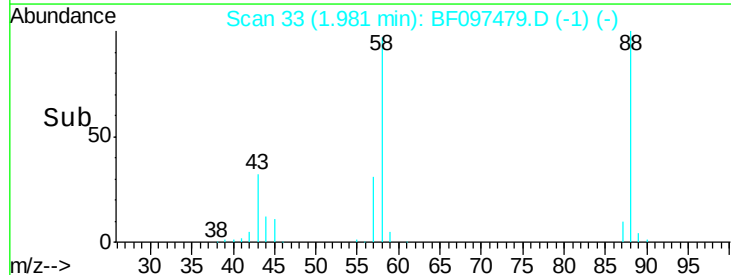
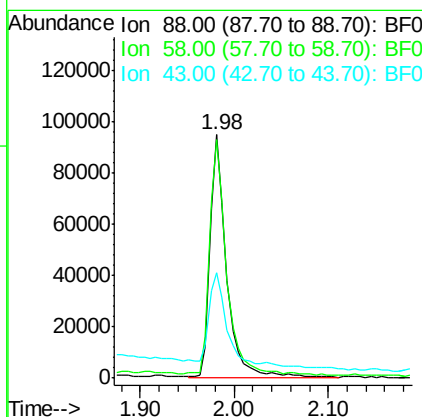
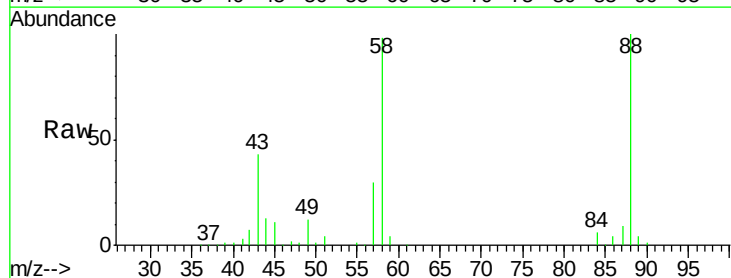
Tot Ion:152 Resp: 96317
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 63.0 52.2 78.2

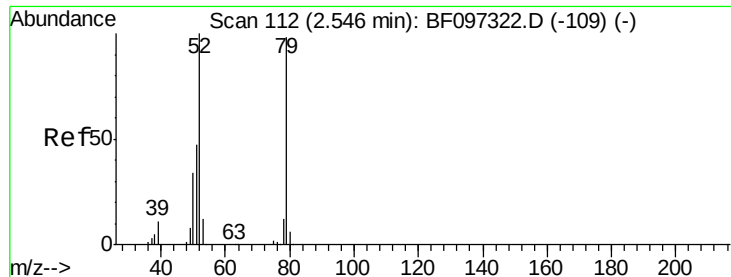


#2

1,4-Dioxane
Concen: 43.68 ng
RT: 1.98 min Scan# 33
Delta R.T. 0.08 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion: 88 Resp: 116455
Ion Ratio Lower Upper
88 100
58 101.3 61.4 92.0#
43 45.2 23.4 35.0#

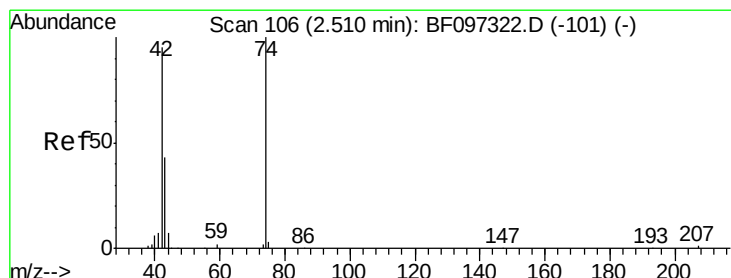
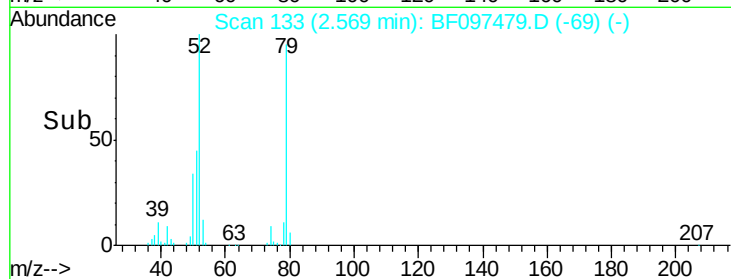
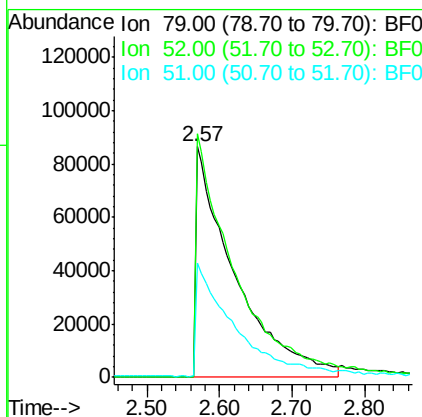
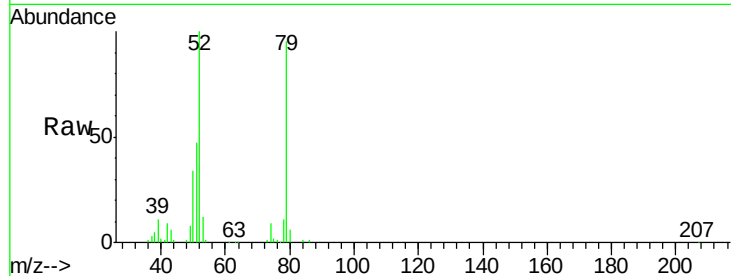




#3
 Pvridine
 Concen: 39.27 ng
 RT: 2.57 min Scan# 133
 Delta R.T. 0.08 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

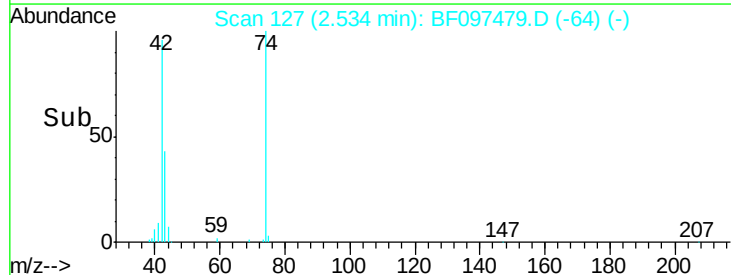
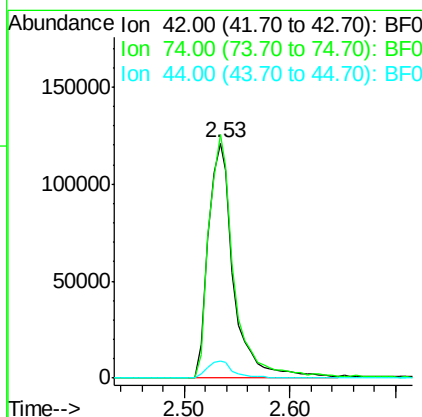
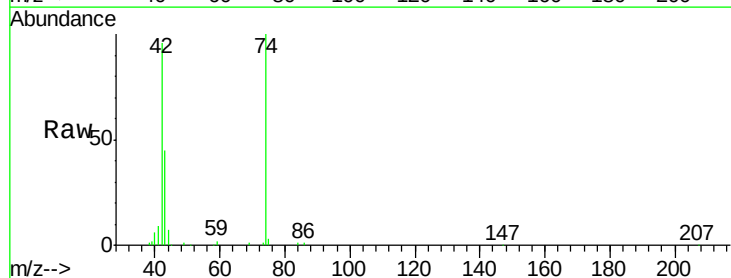
Instrument :
 BNA_F
 ClientSampleId :

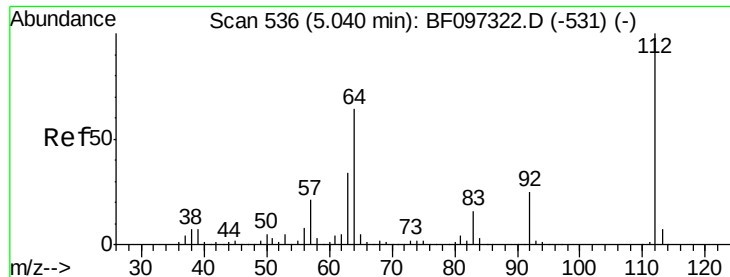
Tot Ion: 79 Resp: 320600
 Ion Ratio Lower Upper
 79 100
 52 105.8 54.8 82.2#
 51 49.7 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 45.31 ng
 RT: 2.53 min Scan# 127
 Delta R.T. 0.07 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion: 42 Resp: 204924
 Ion Ratio Lower Upper
 42 100
 74 103.7 103.9 155.9#
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 127.22 ng

RT: 5.01 min Scan# 548

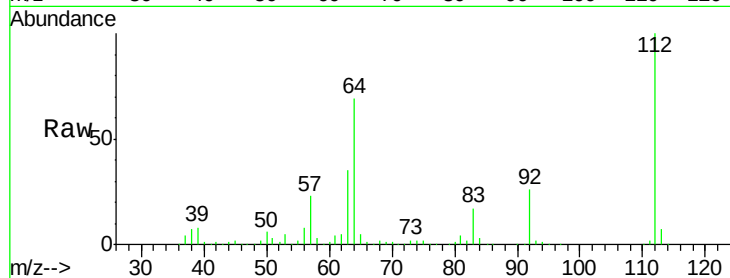
Delta R.T. 0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampled :

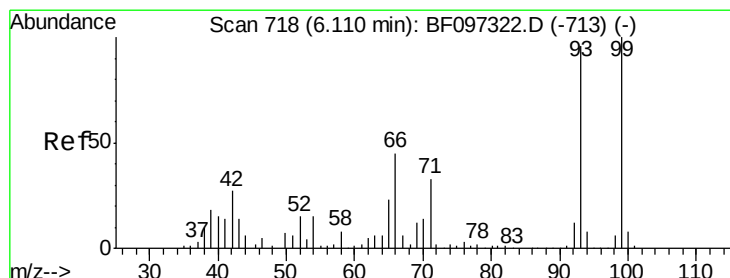
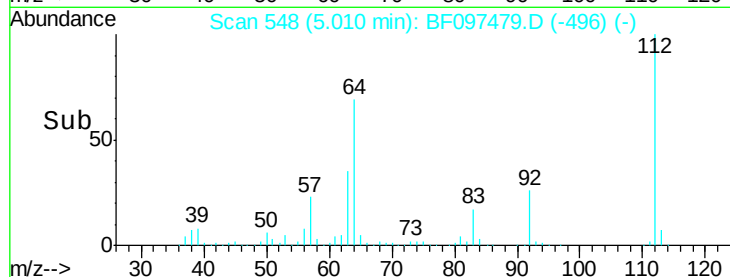
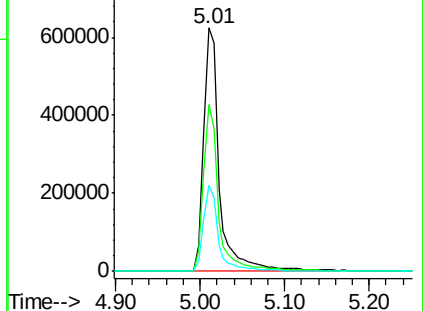
Tot Ion:	112	Resp:	812809
Ion	Ratio	Lower	Upper
112	100		
64	68.6	46.0	69.0
63	35.4	23.4	35.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.85 ng

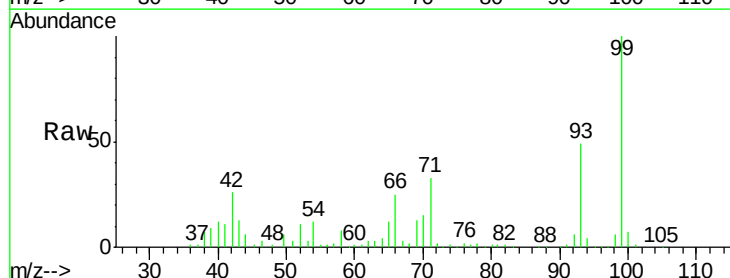
RT: 6.07 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

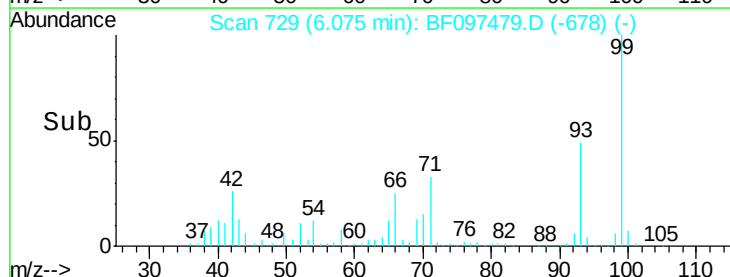
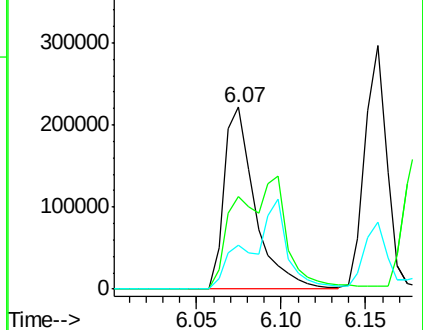
Tgt Ion:	93	Resp:	283178
Ion	Ratio	Lower	Upper
93	100		
66	50.6	32.9	49.3#
65	23.9	16.0	24.0

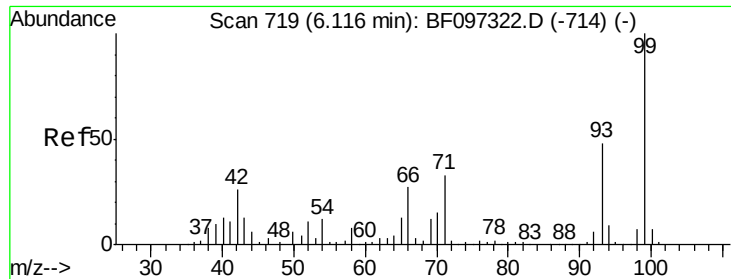


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.27 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampled :

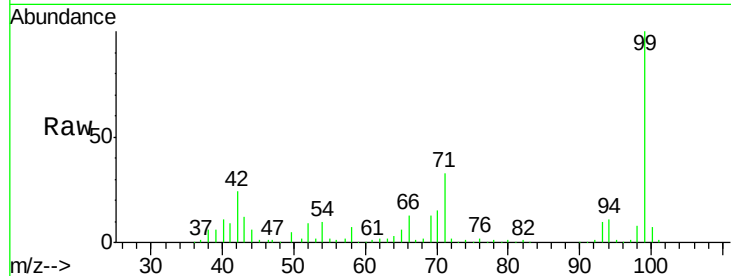
Tot Ion: 99 Resp: 899157

Ion Ratio Lower Upper

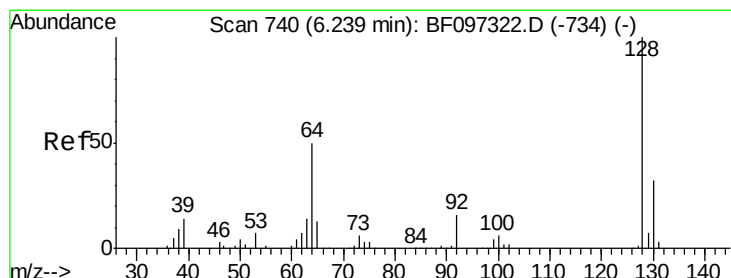
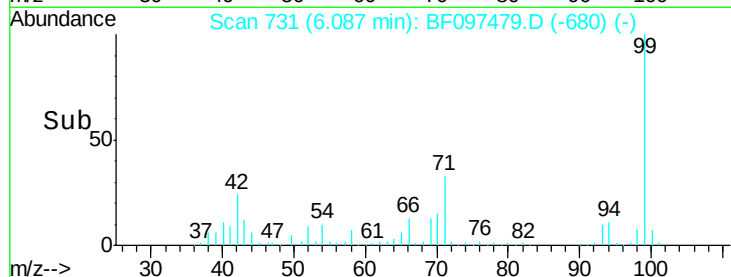
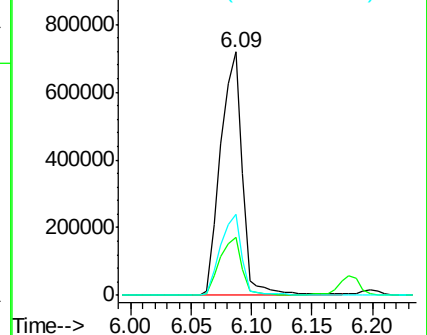
99 100

42 23.6 13.5 20.3#

71 33.1 24.5 36.7



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



#8

2-Chlorophenol

Concen: 41.47 ng

RT: 6.20 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

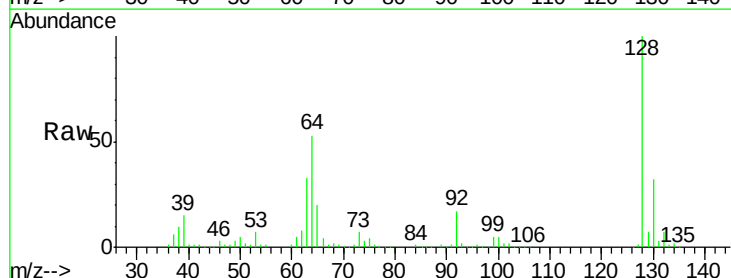
Tgt Ion: 128 Resp: 283345

Ion Ratio Lower Upper

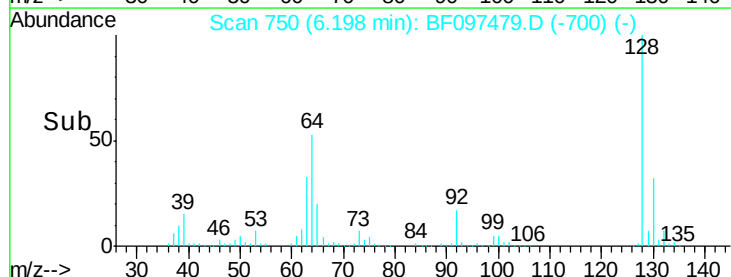
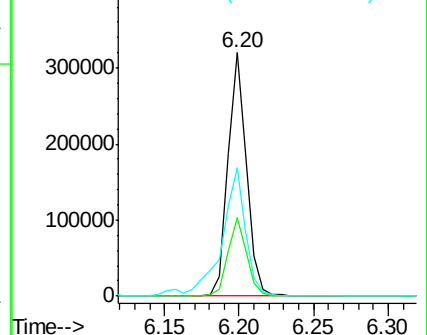
128 100

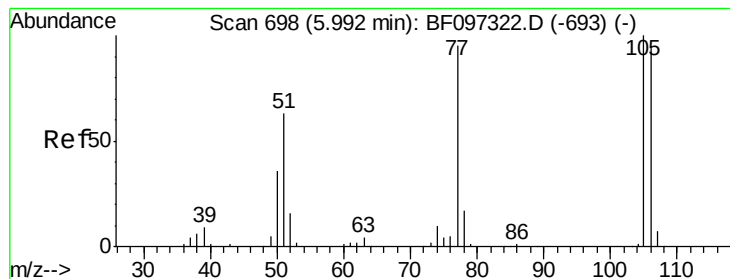
130 32.5 12.9 52.9

64 52.6 28.4 68.4



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





#9

Benzaldehyde

Concen: 29.67 ng

RT: 5.95 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampled :

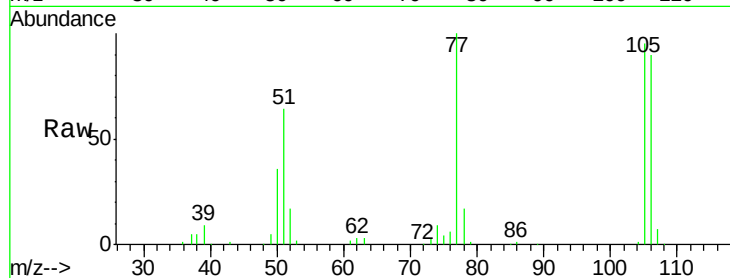
Tot Ion: 77 Resp: 128089

Ion Ratio Lower Upper

77 100

105 94.9 83.8 123.8

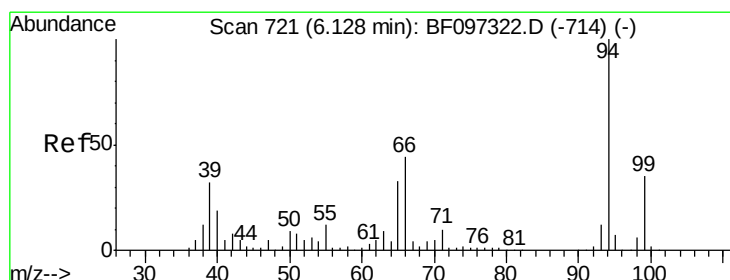
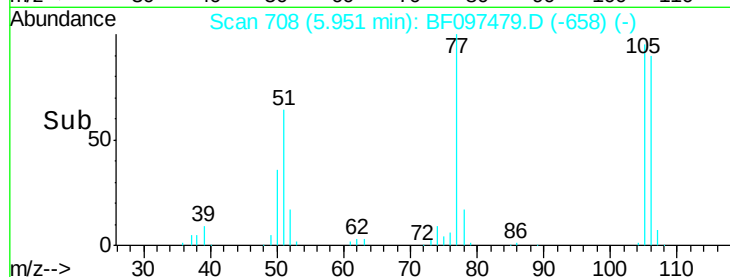
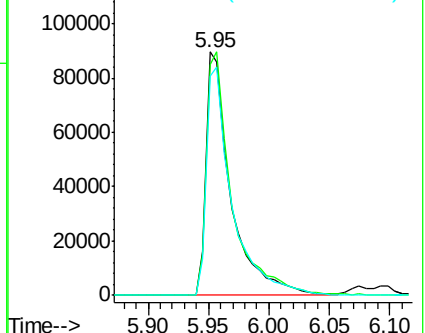
106 90.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.34 ng

RT: 6.10 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

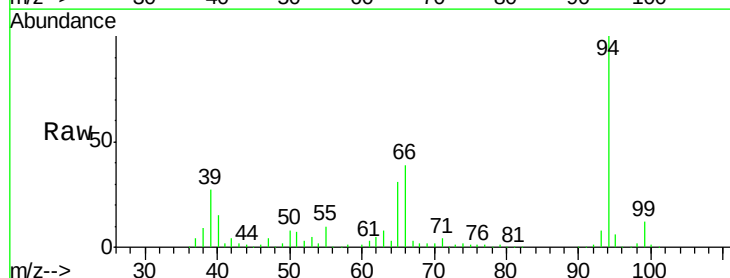
Tgt Ion: 94 Resp: 357630

Ion Ratio Lower Upper

94 100

65 30.6 9.9 49.9

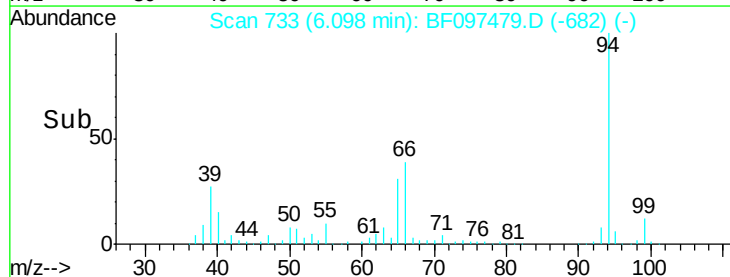
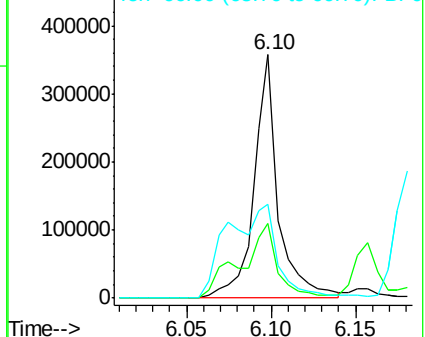
66 38.6 23.1 63.1

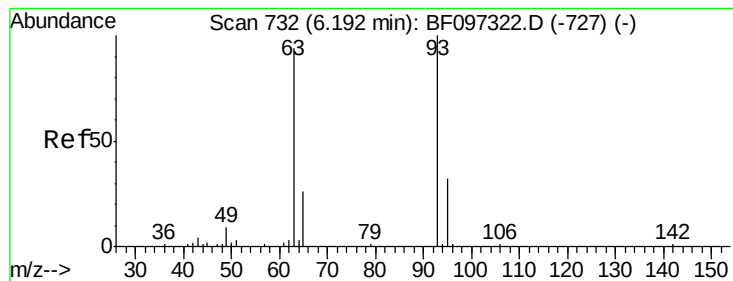


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

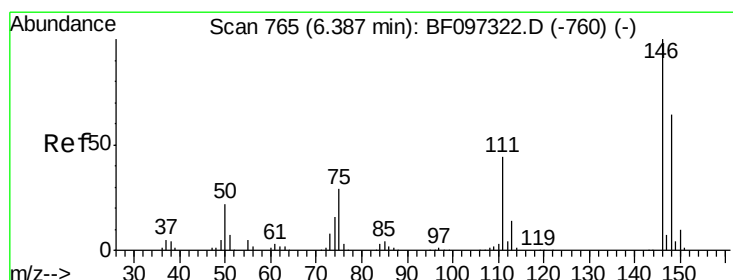
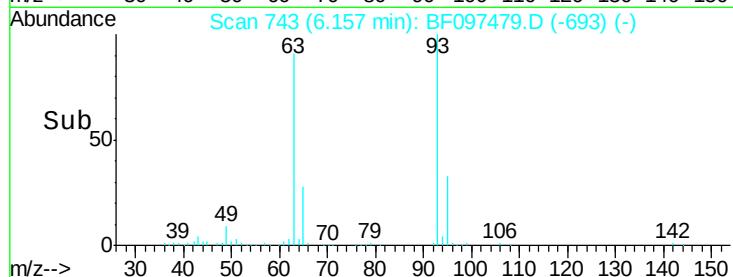
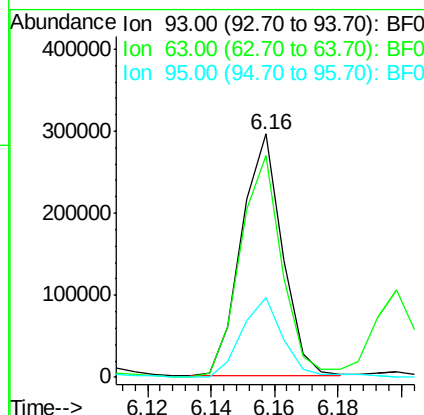
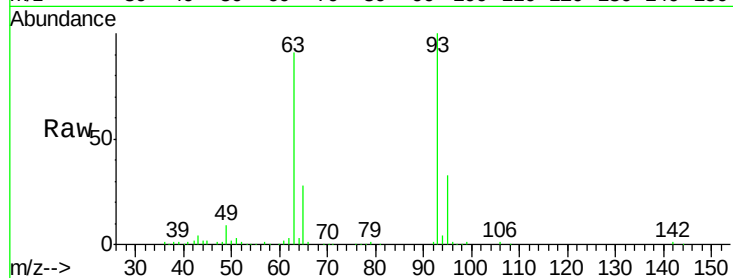




#11
 bis(2-Chloroethyl)ether
 Concen: 38.41 ng
 RT: 6.16 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

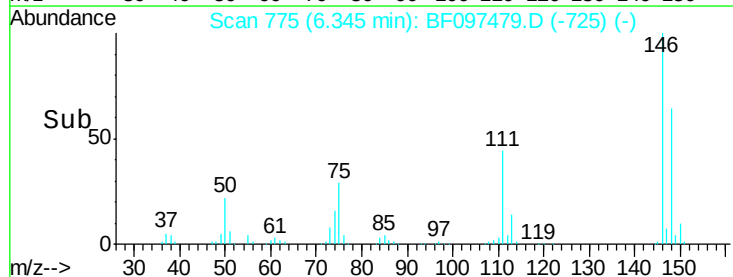
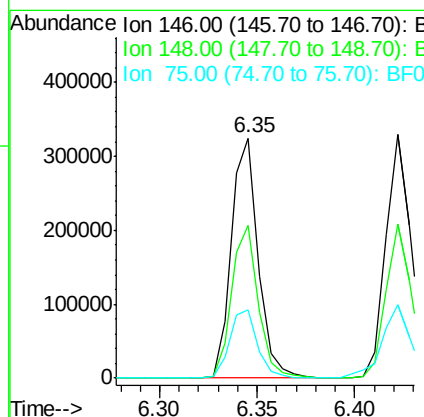
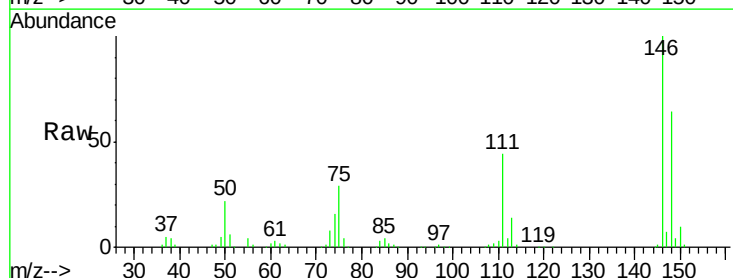
Instrument :
 BNA_F
 ClientSampleId :

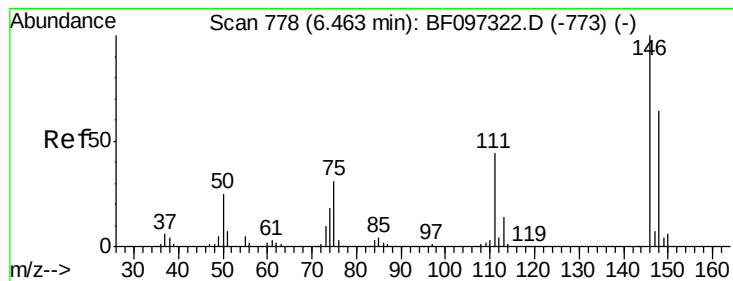
Tot Ion: 93 Resp: 262854
 Ion Ratio Lower Upper
 93 100
 63 90.9 59.2 99.2
 95 32.5 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 42.03 ng
 RT: 6.35 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion: 146 Resp: 309460
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 75 28.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 43.28 ng

RT: 6.42 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampled :

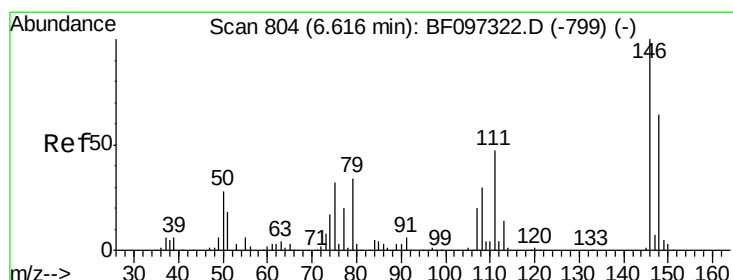
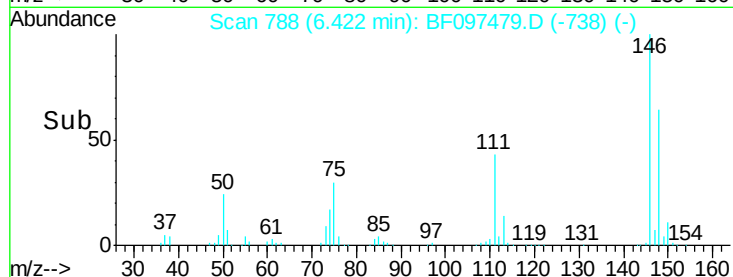
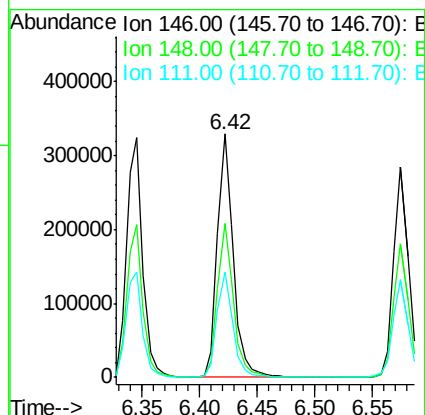
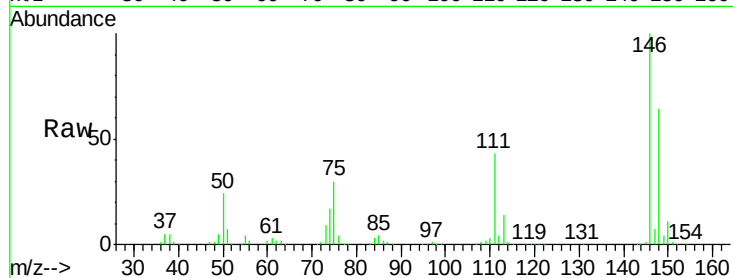
Tot Ion:146 Resp: 315771

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

111 43.4 30.3 45.5



#14

1,2-Dichlorobenzene

Concen: 41.74 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

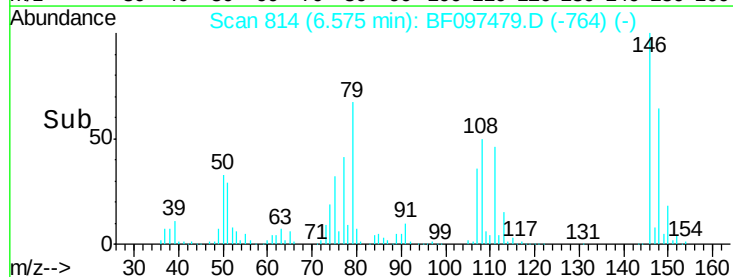
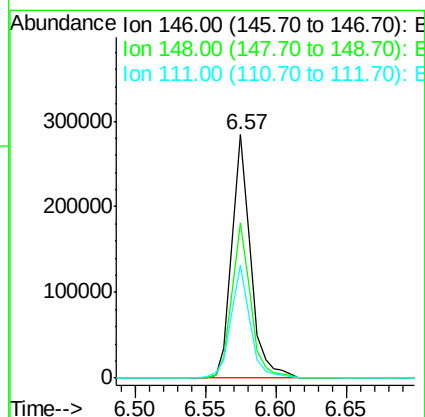
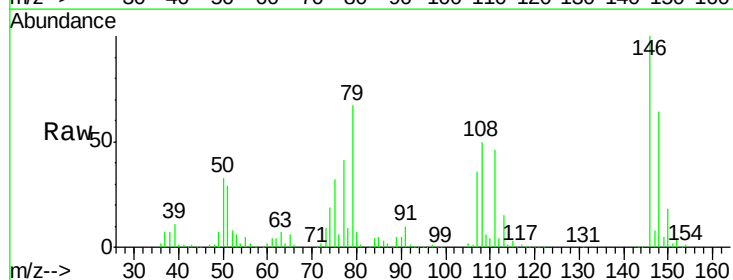
Tgt Ion:146 Resp: 265898

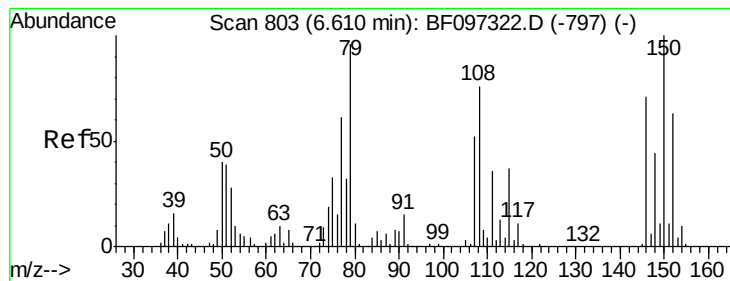
Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

111 46.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 50.28 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :

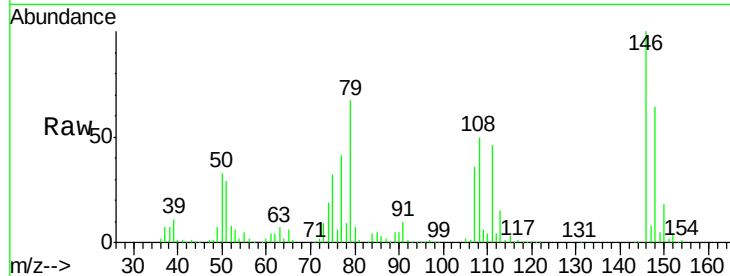
Tot Ion: 79 Resp: 232181

Ion Ratio Lower Upper

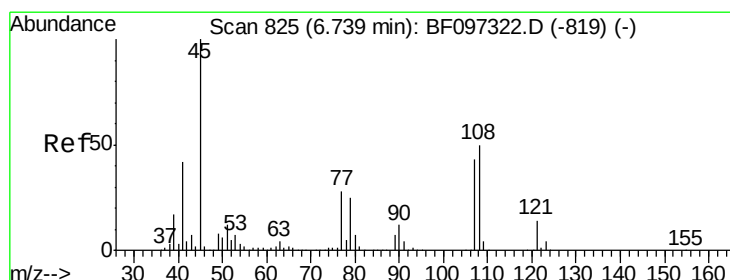
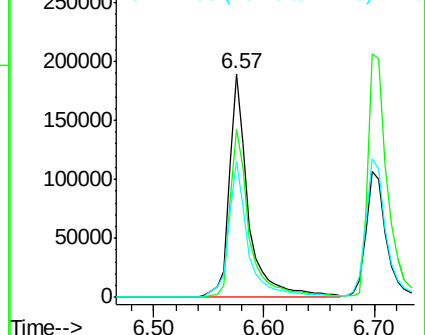
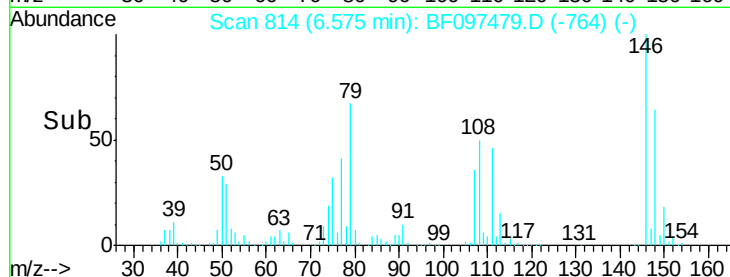
79 100

108 75.1 63.4 95.0

77 60.9 49.2 73.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.88 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

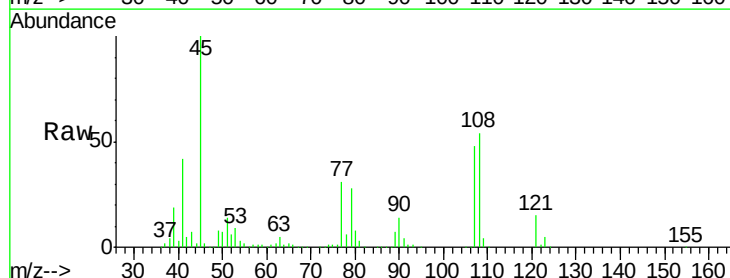
Tgt Ion: 45 Resp: 547295

Ion Ratio Lower Upper

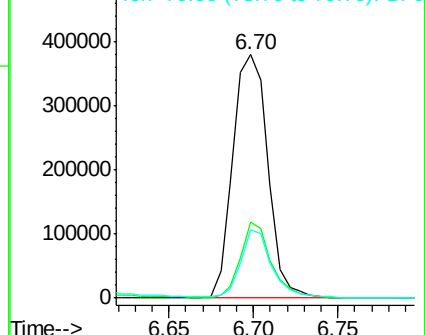
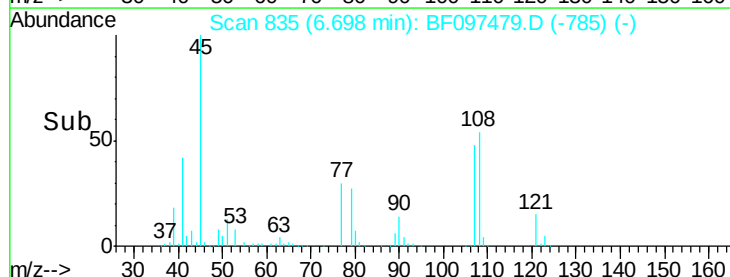
45 100

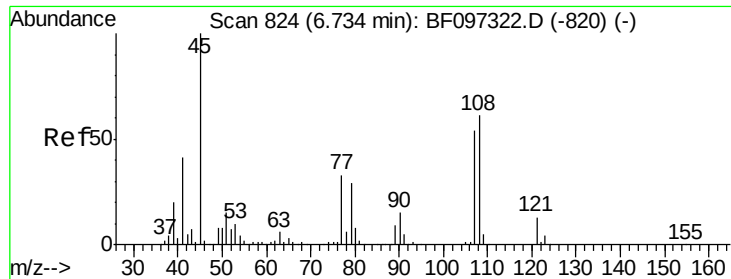
77 30.9 0.0 33.2

79 28.1 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: 43.04 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 226959

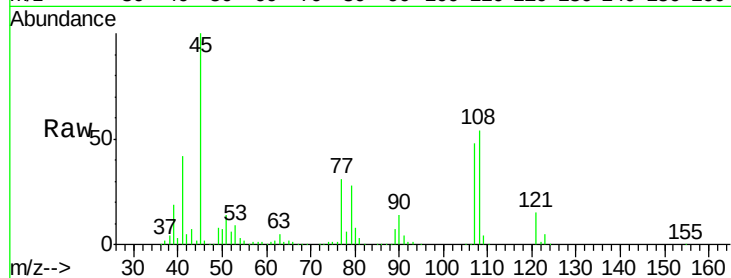
Ion Ratio Lower Upper

107 100

108 114.2 93.4 140.0

77 65.1 35.8 53.6#

79 59.0 34.8 52.2#



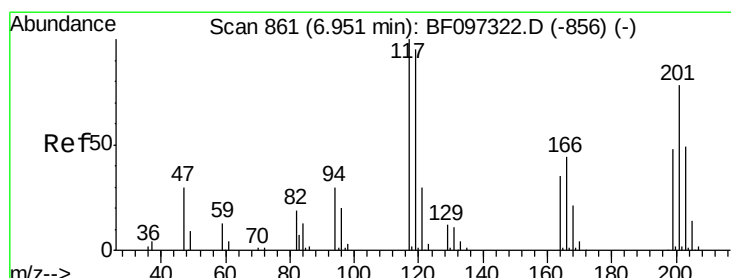
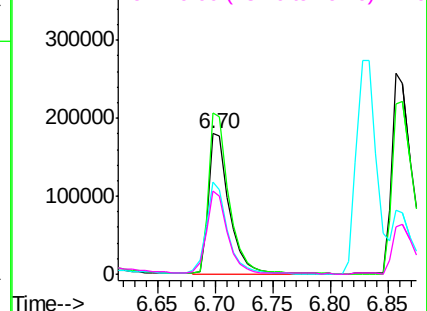
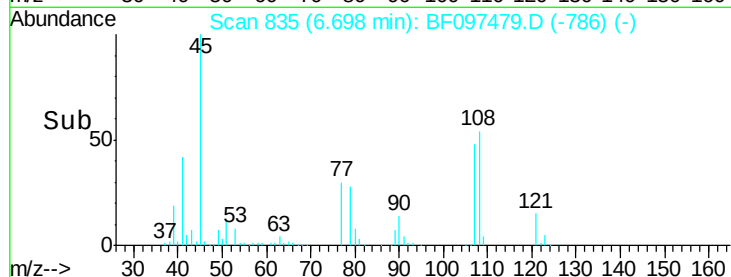
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.58 ng

RT: 6.91 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

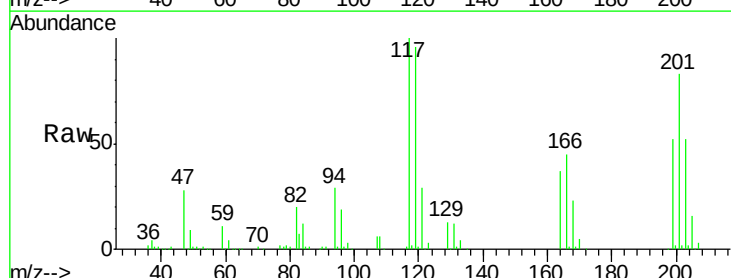
Tgt Ion:117 Resp: 116329

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

201 83.2 94.6 141.8#

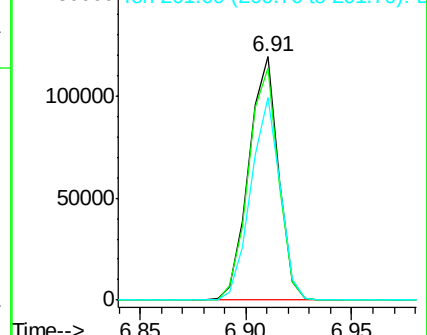
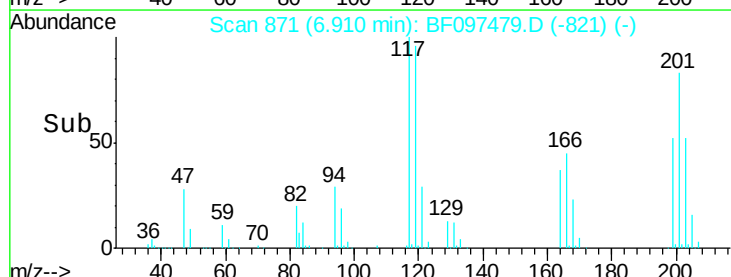


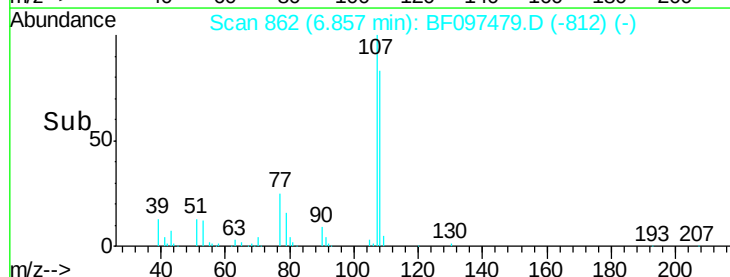
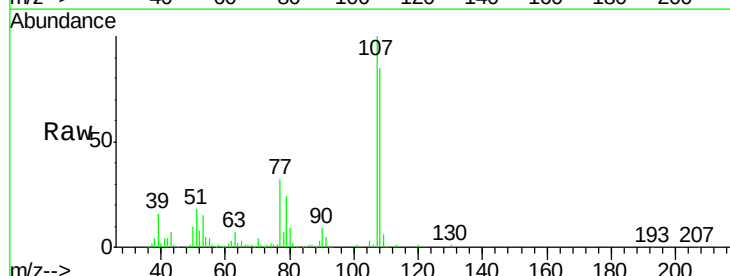
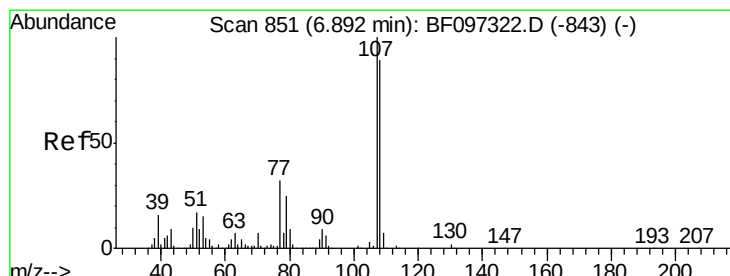
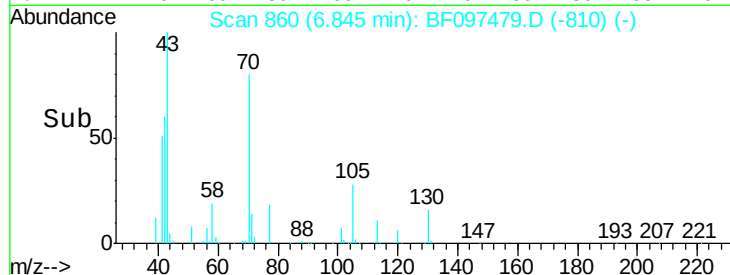
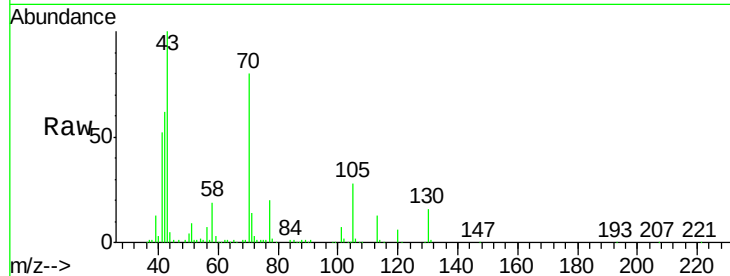
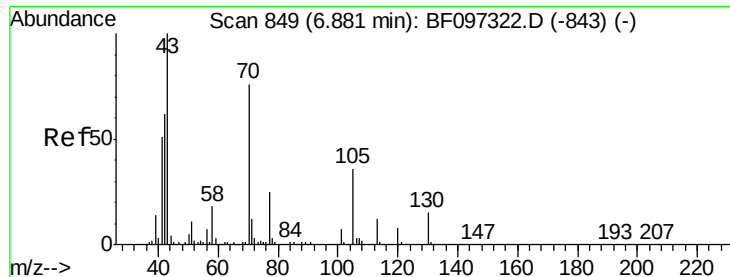
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

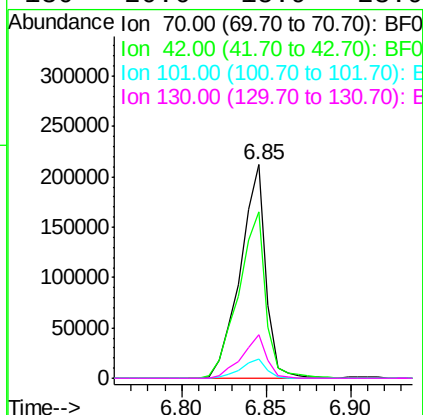




#19
n-Nitroso-di-n-propylamine
Concen: 46.82 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

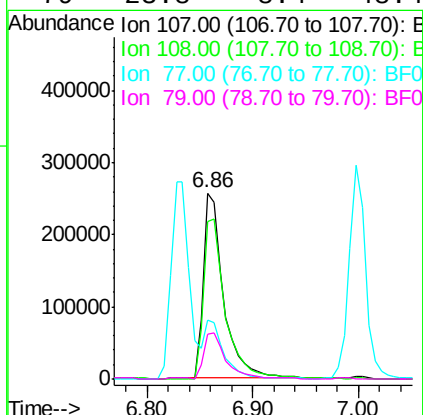
Instrument :
BNA_F
ClientSampleId :

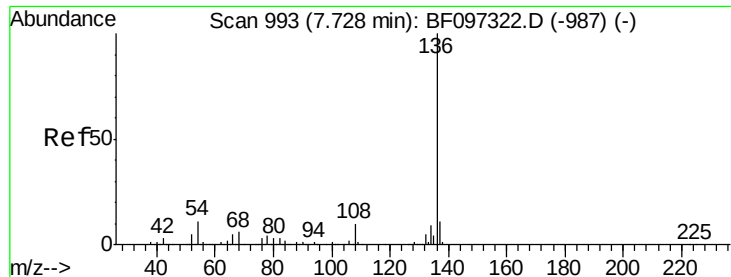
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.9	47.2	70.8#	
101	9.2	7.2	10.8	
130	20.6	15.9	23.9	



#20
3+4-Methylphenols
Concen: 49.51 ng
RT: 6.86 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.9	71.0	111.0	
77	31.7	90.5	130.5#	
79	23.8	8.4	48.4	

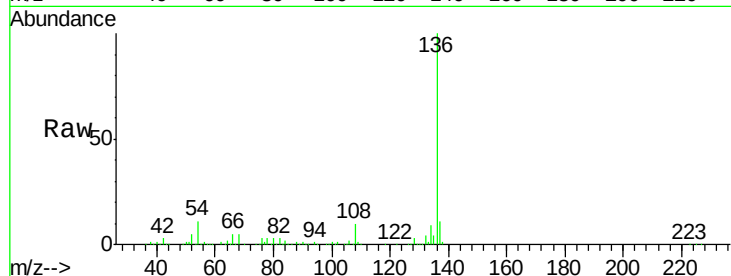




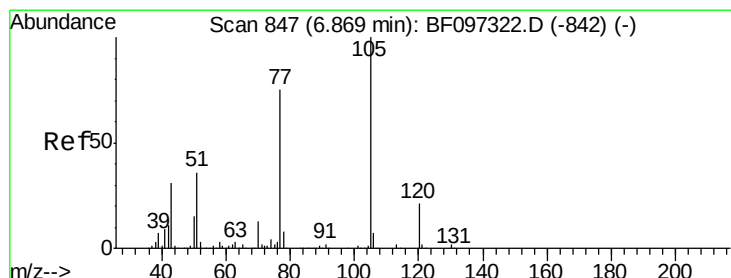
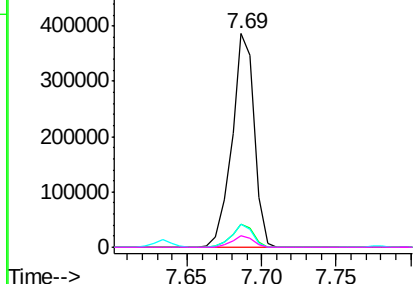
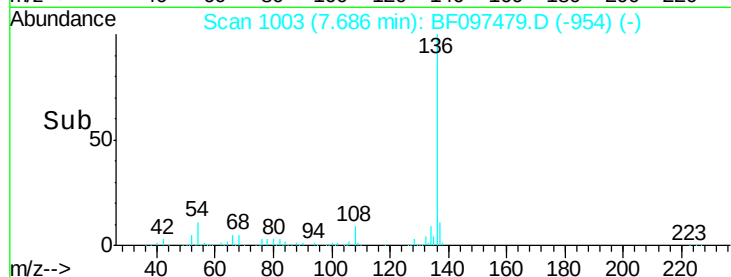
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	404178
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	11.0	4.9 7.3#
68	5.4	4.1 6.1

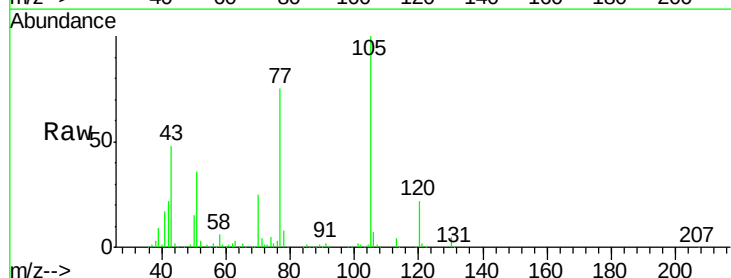


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

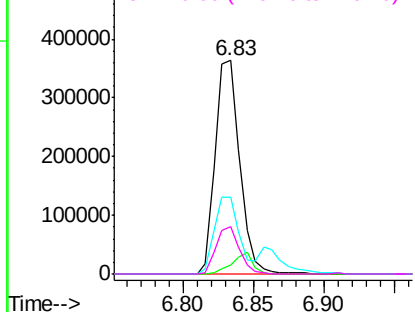
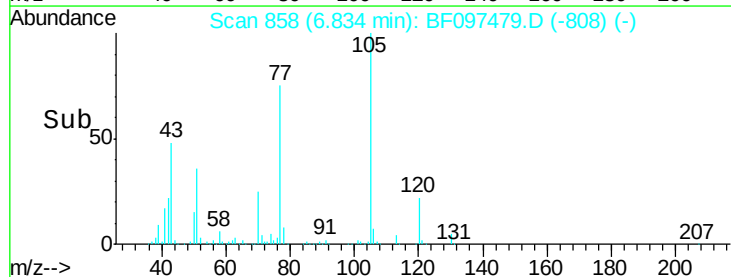


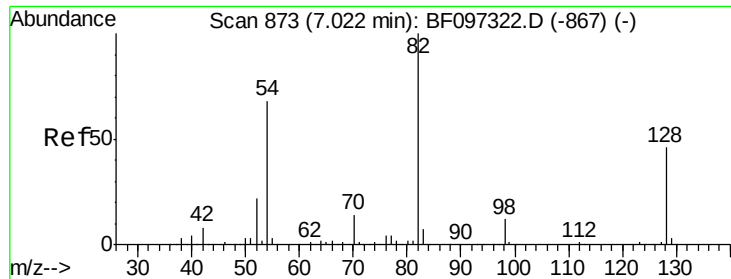
#22
Acetophenone
Concen: 45.54 ng
RT: 6.83 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:105	Resp:	441998
Ion Ratio	Lower	Upper
105	100	
71	4.2	2.8 4.2
51	36.0	30.7 46.1
120	22.4	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

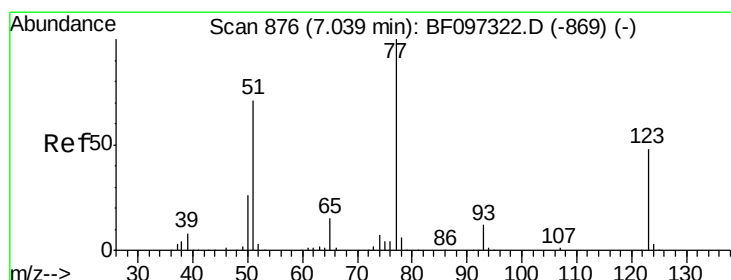
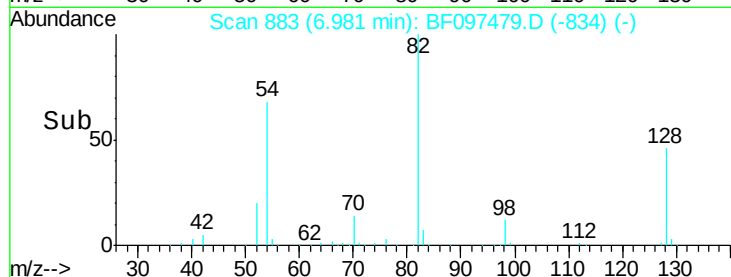
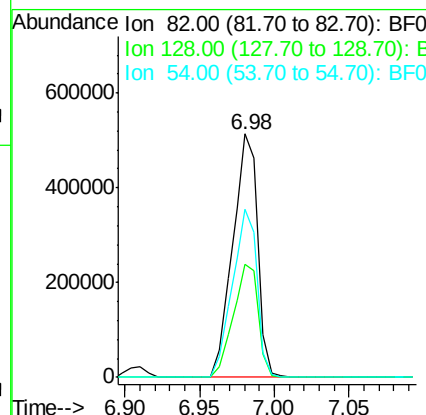
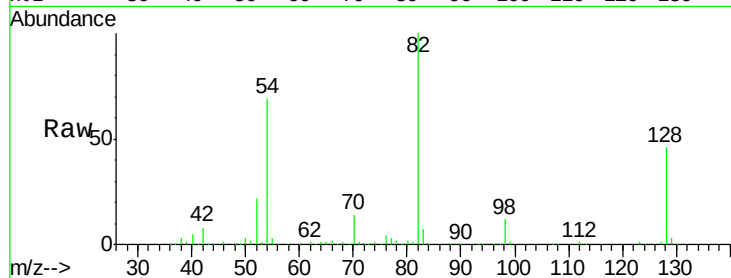




#23
 Nitrobenzene-d5
 Concen: 87.63 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

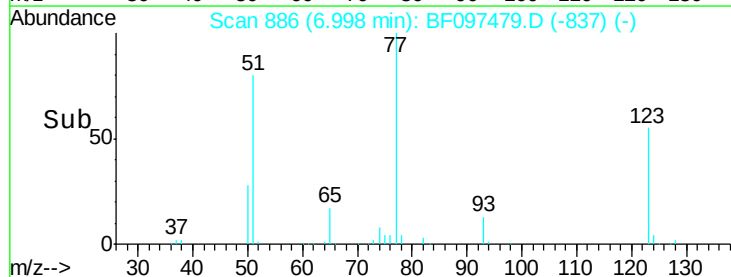
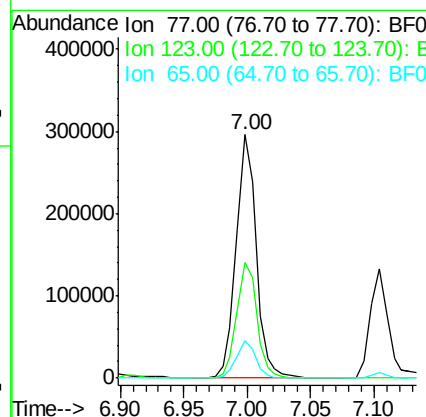
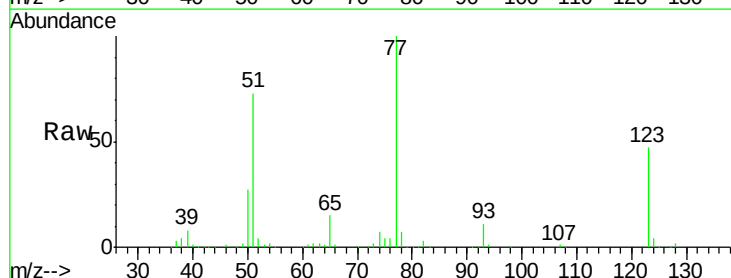
Instrument :
 BNA_F
 ClientSampleId :

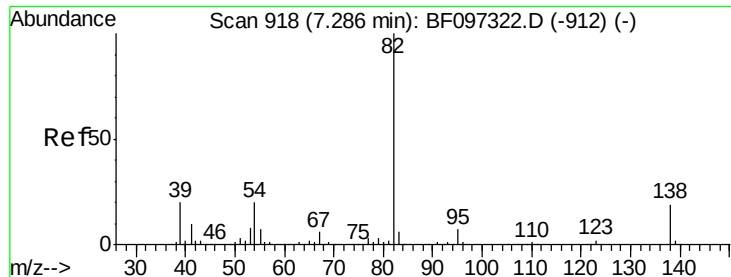
Tot Ion: 82 Resp: 603779
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 68.9 42.2 63.2#



#24
 Nitrobenzene
 Concen: 44.81 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion: 77 Resp: 321542
 Ion Ratio Lower Upper
 77 100
 123 47.4 35.8 53.8
 65 15.3 10.6 15.8





#25

Isophorone

Concen: 41.93 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

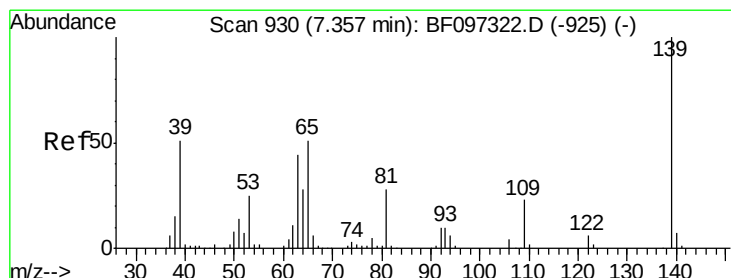
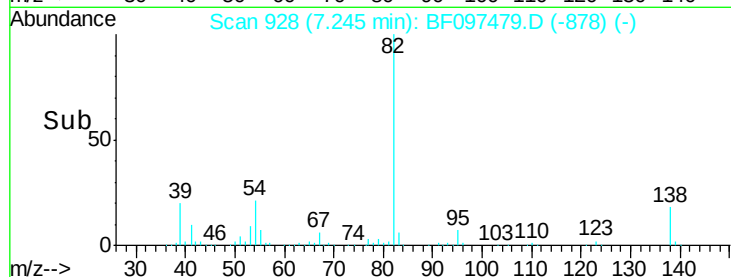
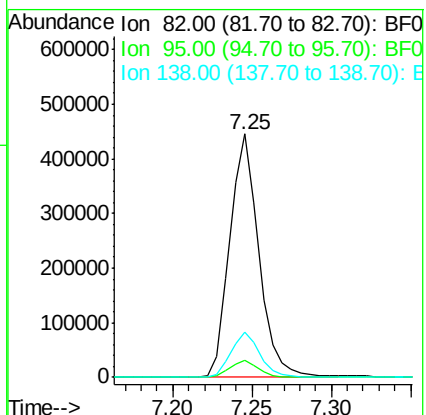
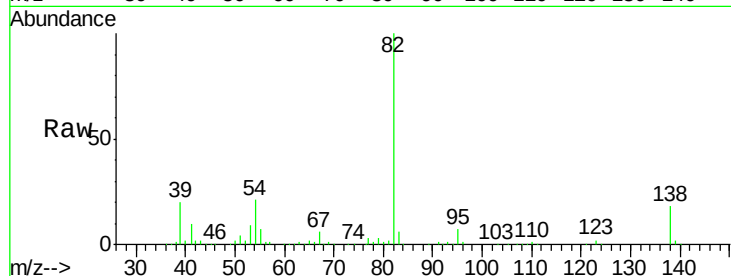
Tot Ion: 82 Resp: 565721

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 43.40 ng

RT: 7.32 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

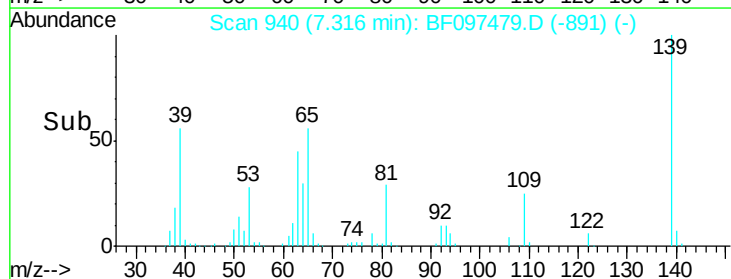
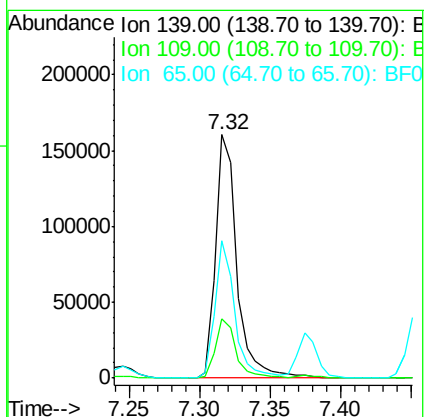
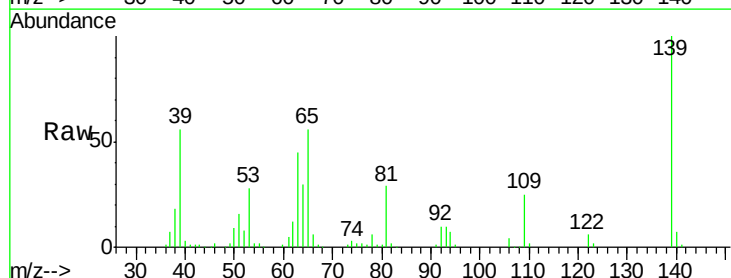
Tgt Ion: 139 Resp: 168466

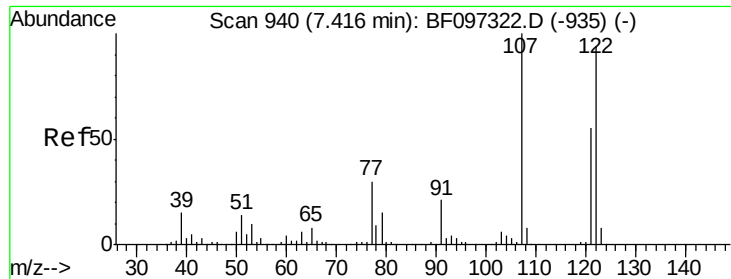
Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

65 56.4 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 41.41 ng

RT: 7.37 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

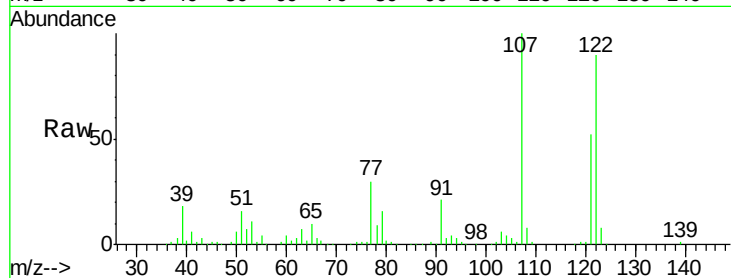
Tot Ion:122 Resp: 265183

Ion Ratio Lower Upper

122 100

107 111.0 89.2 133.8

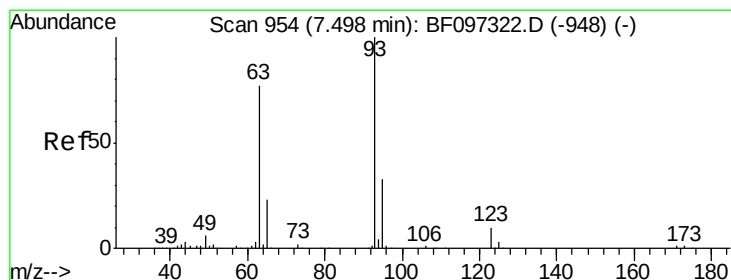
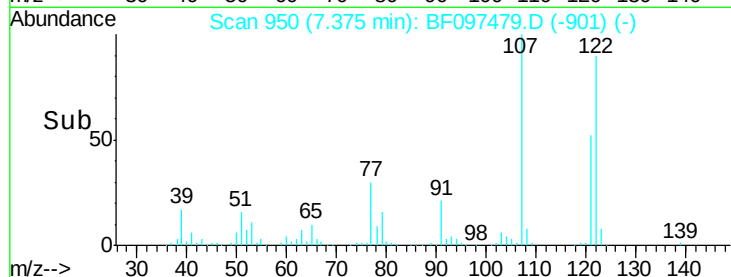
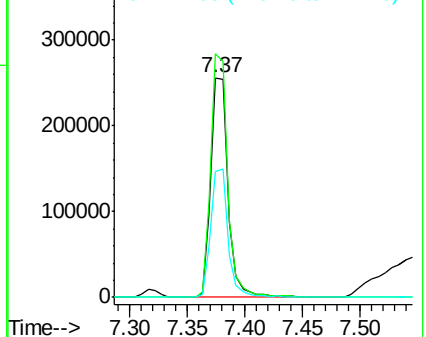
121 57.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.83 ng

RT: 7.46 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

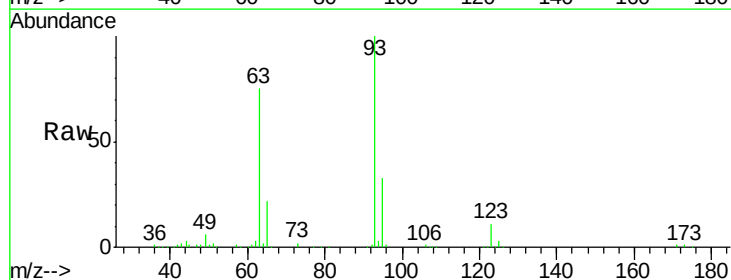
Tgt Ion: 93 Resp: 350745

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

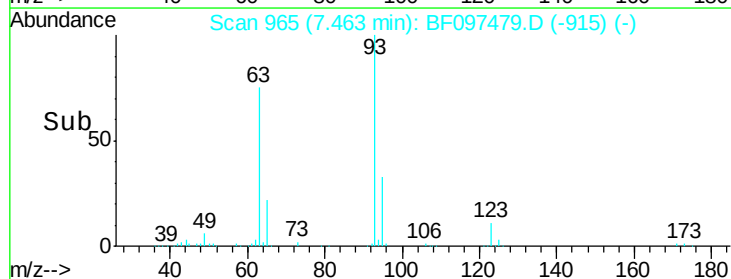
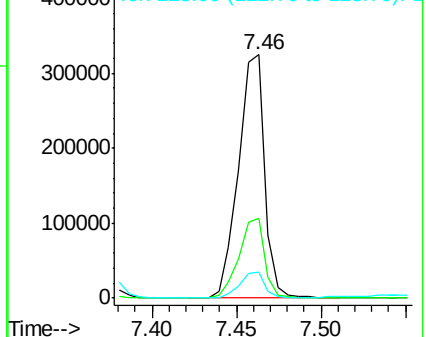
123 10.8 9.0 13.4

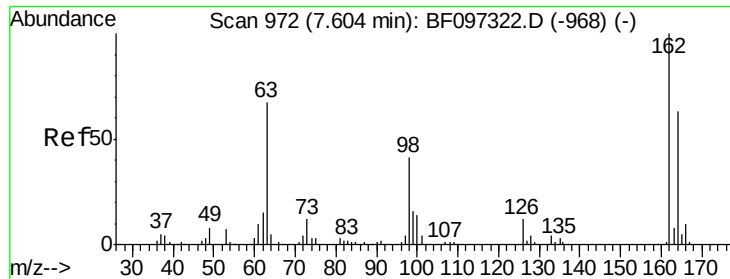


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

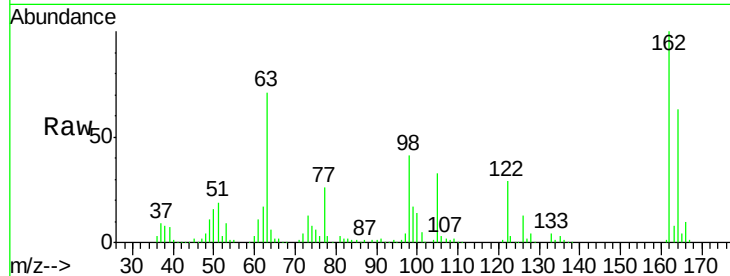




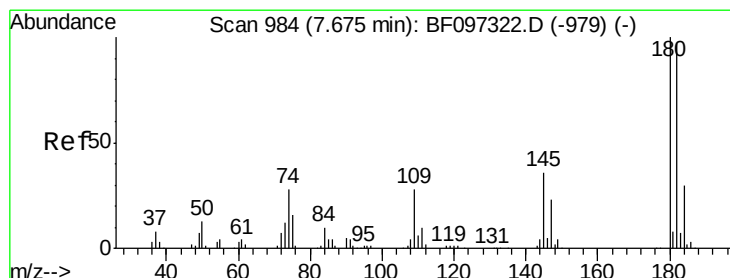
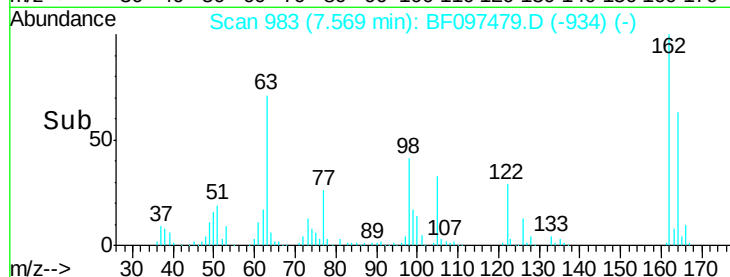
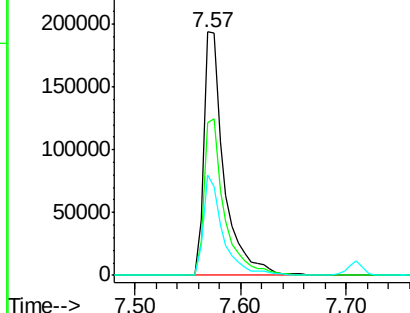
#29
 2,4-Dichlorophenol
 Concen: 46.51 ng
 RT: 7.57 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.6	84.6
98	41.3	14.8	54.8

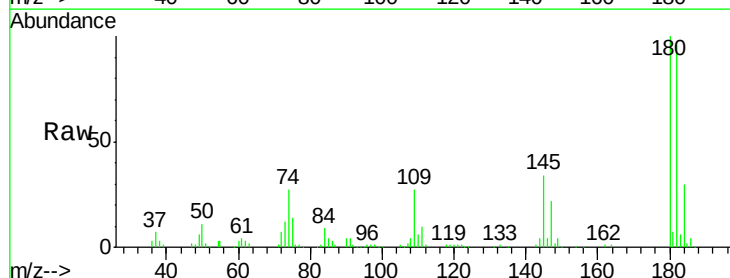


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

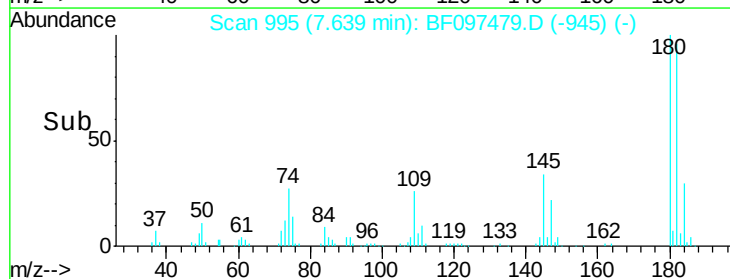
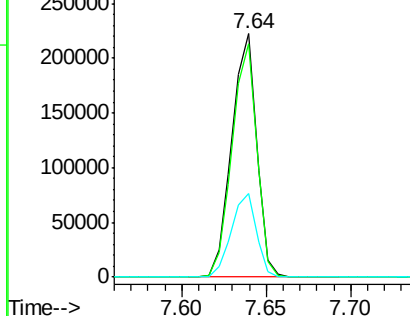


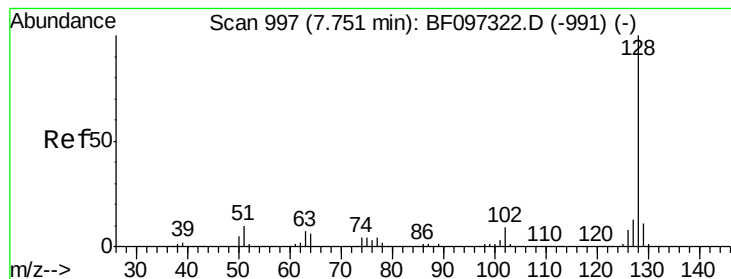
#30
 1,2,4-Trichlorobenzene
 Concen: 43.35 ng
 RT: 7.64 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	34.3	25.3	37.9



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





#31

Naphthalene

Concen: 43.01 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

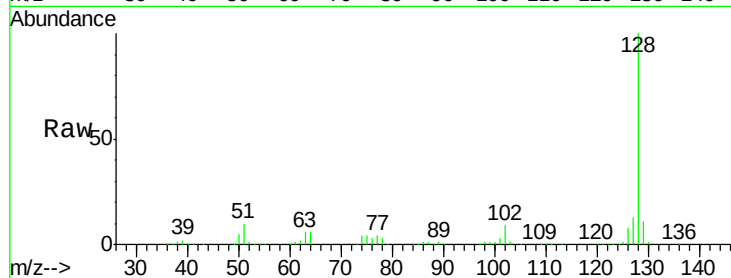
Tot Ion:128 Resp: 819397

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

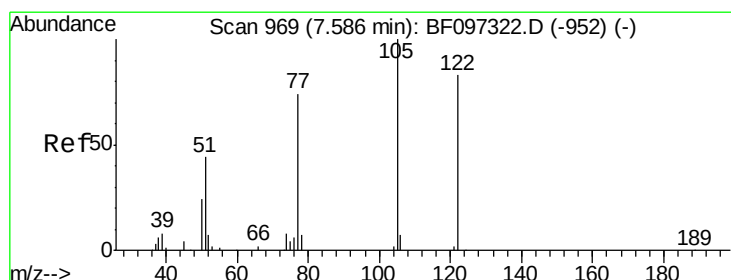
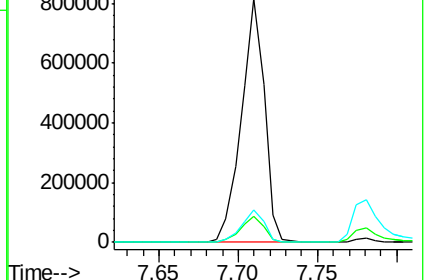
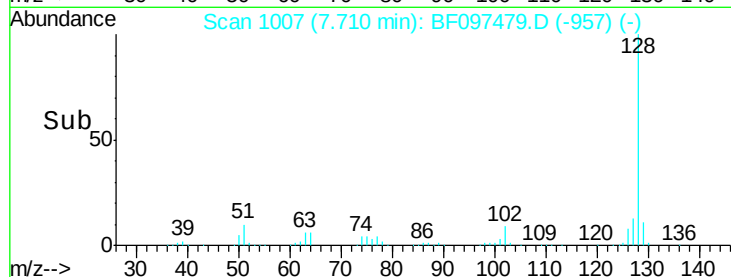
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.40 ng

RT: 7.56 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

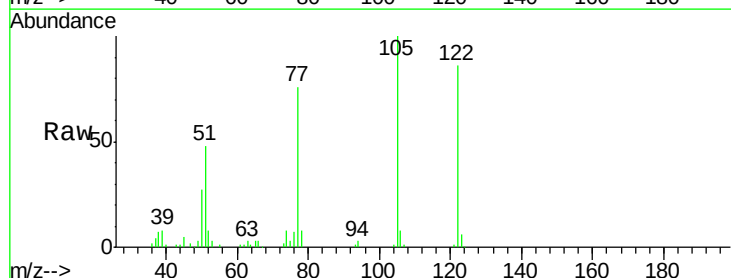
Tgt Ion:122 Resp: 193170

Ion Ratio Lower Upper

122 100

105 116.2 103.3 143.3

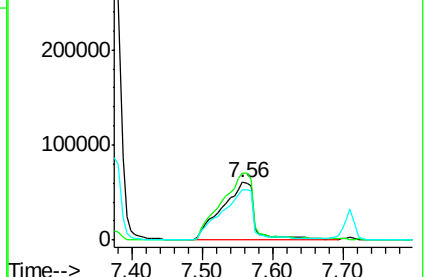
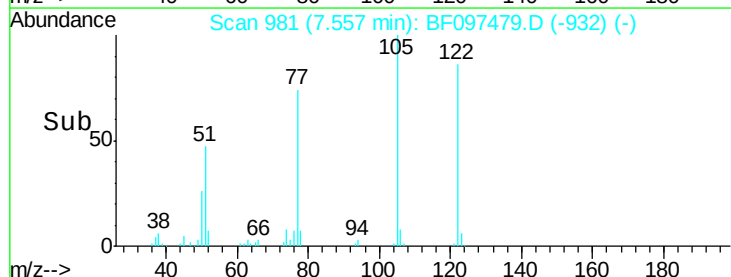
77 87.7 73.7 113.7

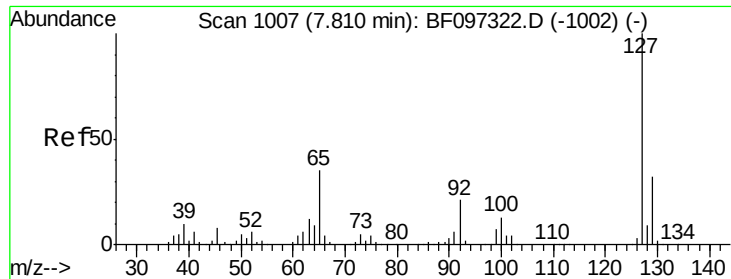


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

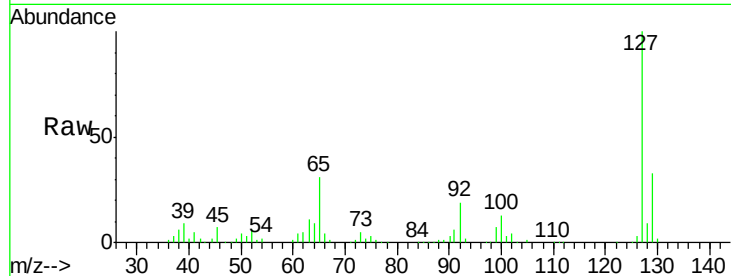




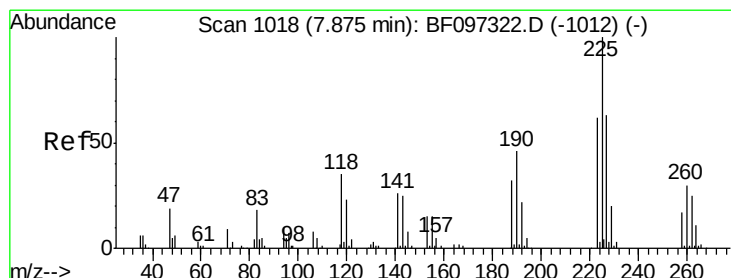
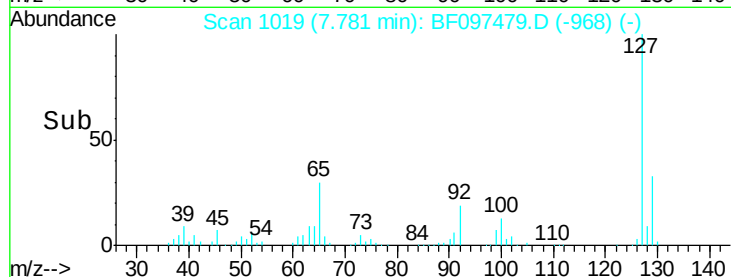
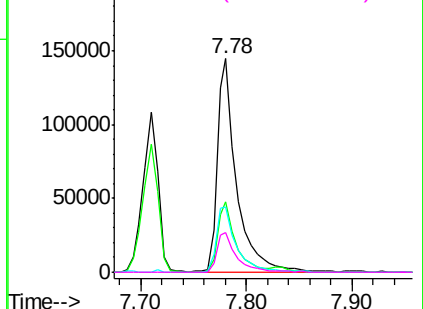
#33
 4-Chloroaniline
 Concen: 23.67 ng
 RT: 7.78 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	183493
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	30.5	27.8	41.8
92	18.8	16.8	25.2

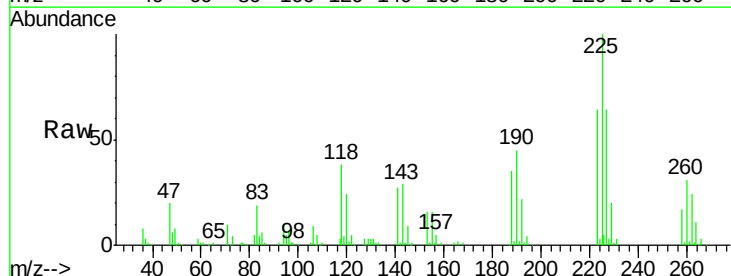


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

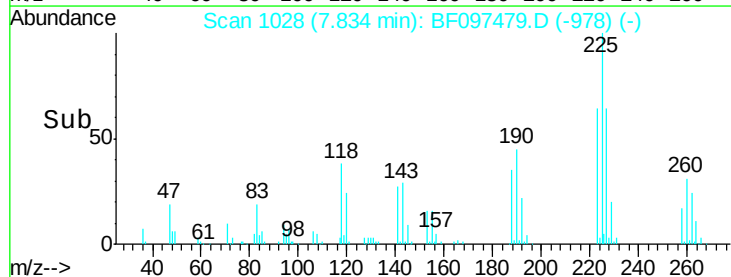
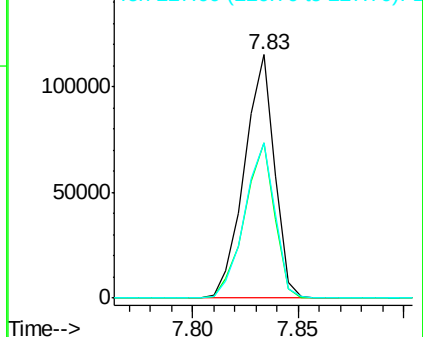


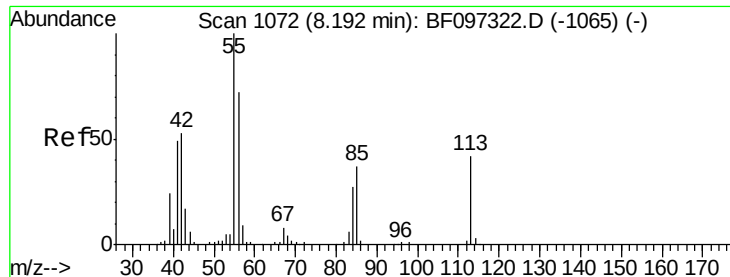
#34
 Hexachlorobutadiene
 Concen: 40.99 ng
 RT: 7.83 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:	225	Resp:	114277
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	64.0	51.1	76.7



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

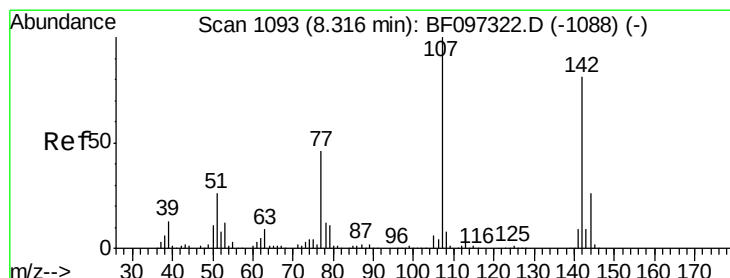
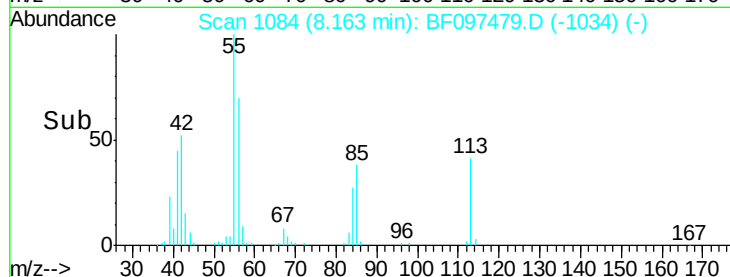
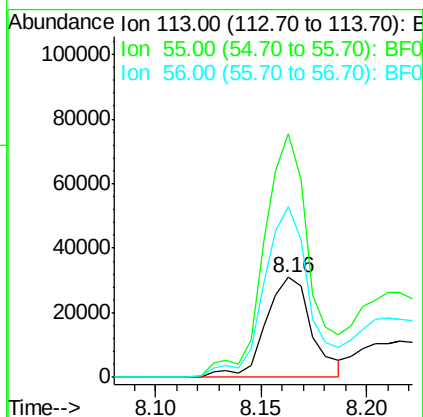
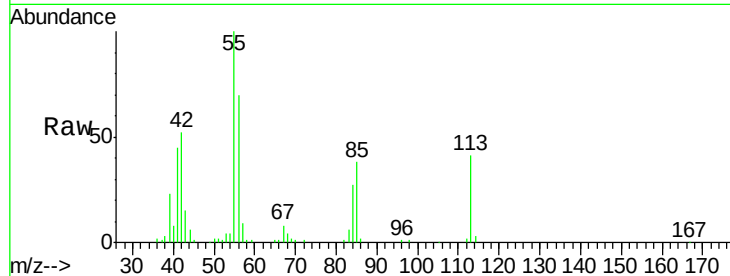




#35
 Caprolactam
 Concen: 26.67 ng
 RT: 8.16 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

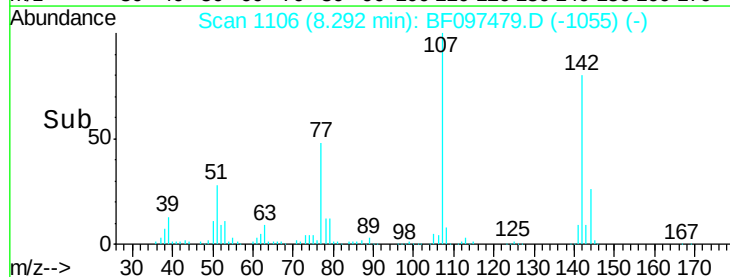
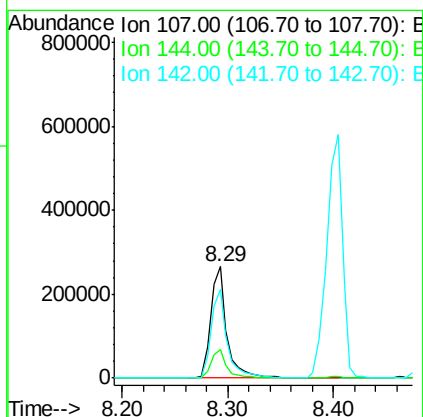
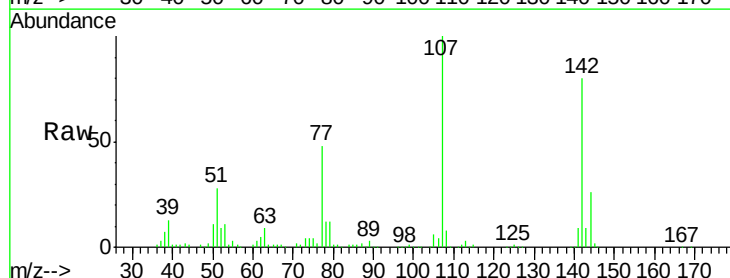
Instrument :
 BNA_F
 ClientSampled :

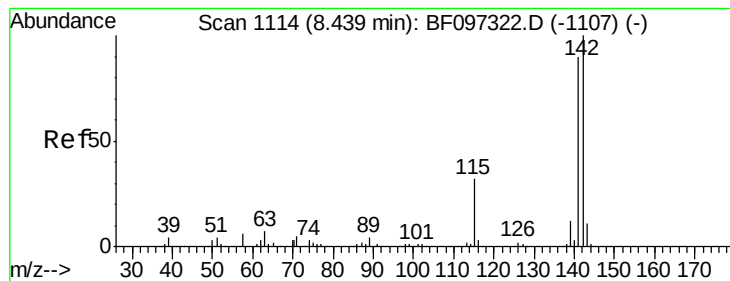
Tot Ion:113 Resp: 47183
 Ion Ratio Lower Upper
 113 100
 55 244.0 150.2 190.2#
 56 170.9 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 47.40 ng
 RT: 8.29 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:107 Resp: 285297
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 80.0 73.4 110.0

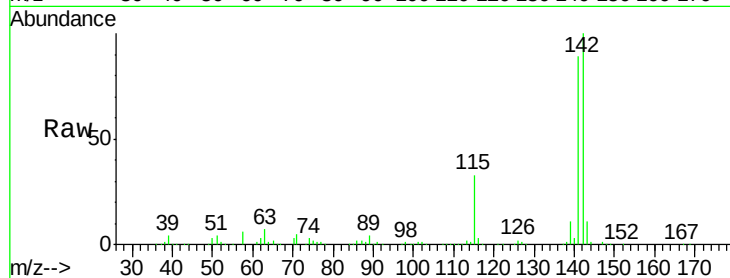




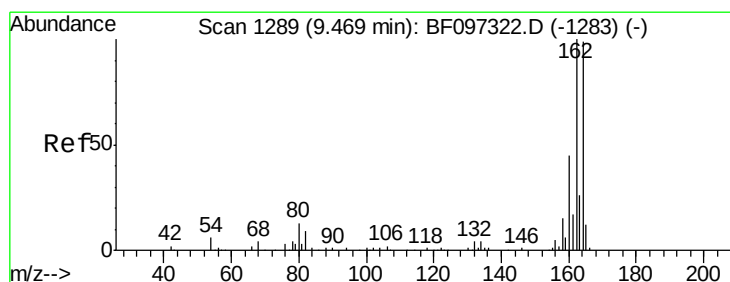
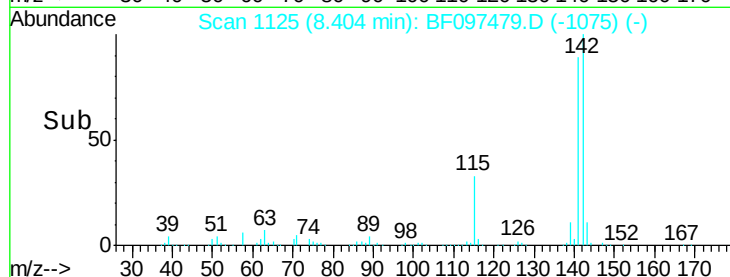
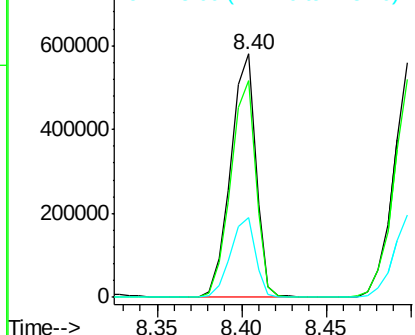
#37
2-Methylnaphthalene
Concen: 49.82 ng
RT: 8.40 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	32.8	27.1	40.7

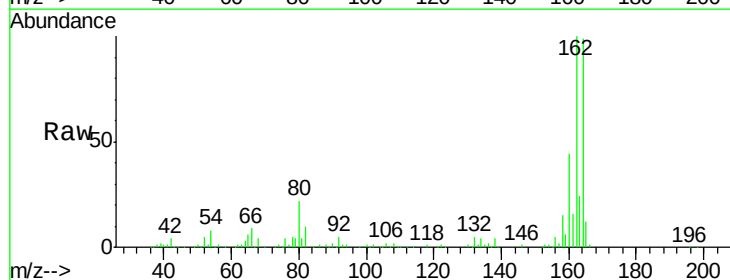


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

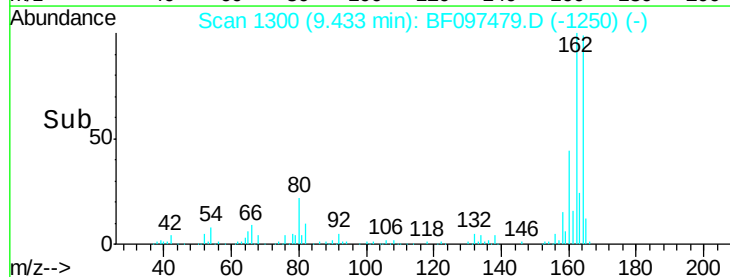
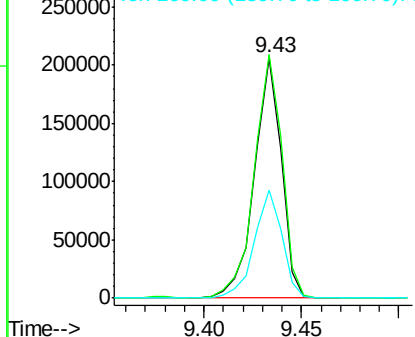


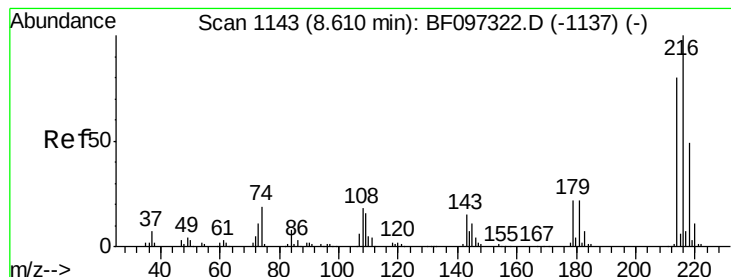
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	45.0	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.94 ng

RT: 8.57 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 215686

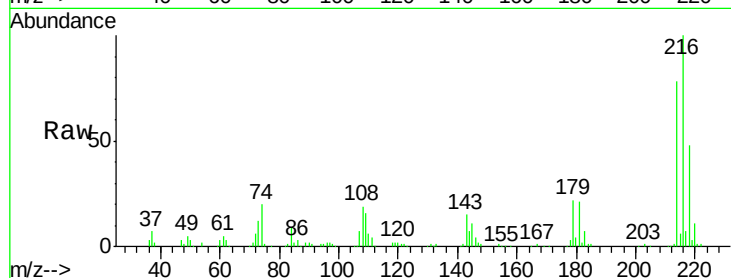
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.7 17.9 26.9

108 22.4 16.5 24.7

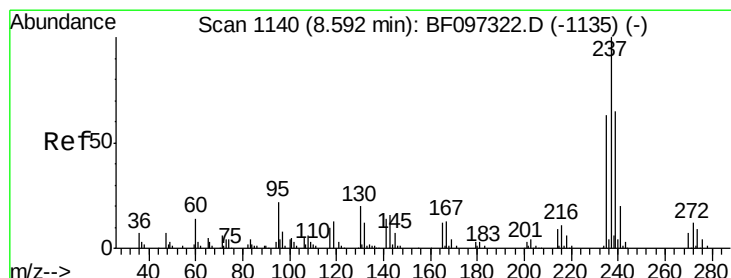
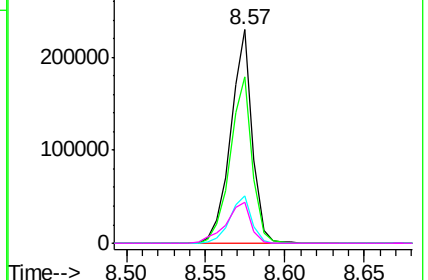
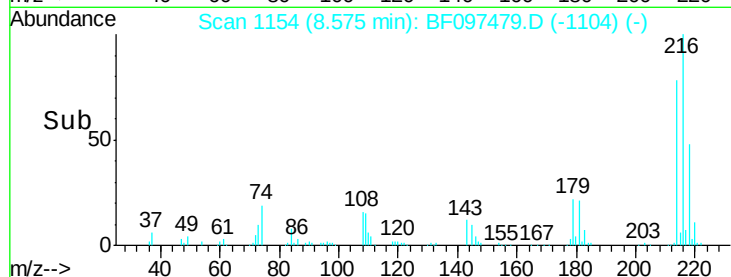


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 58.94 ng

RT: 8.56 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

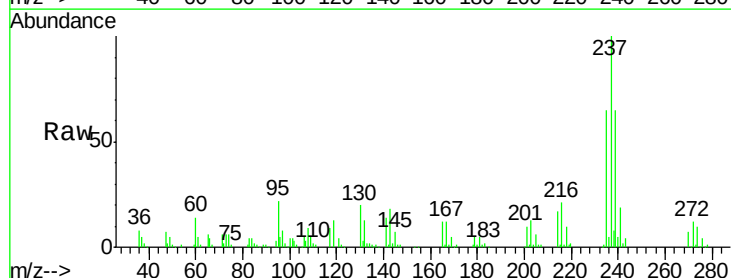
Tgt Ion:237 Resp: 105100

Ion Ratio Lower Upper

237 100

235 65.0 42.6 82.6

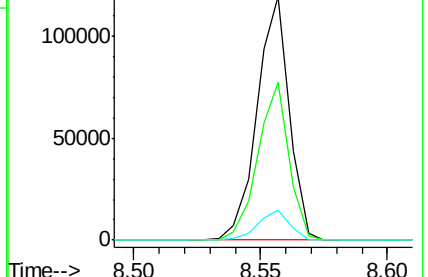
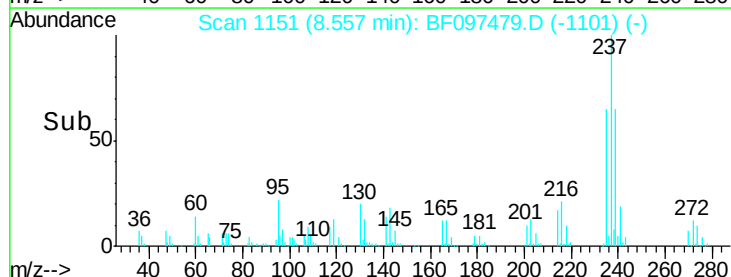
272 12.5 0.0 31.9

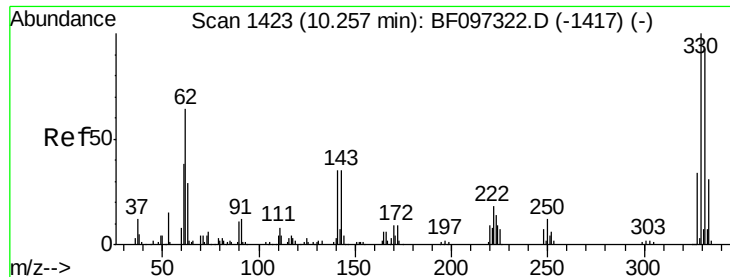


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

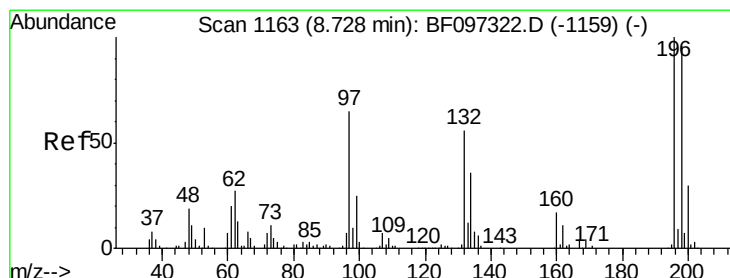
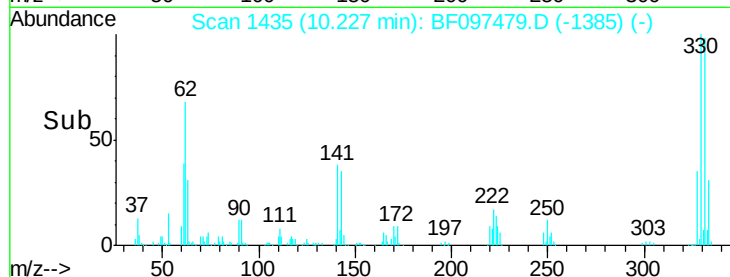
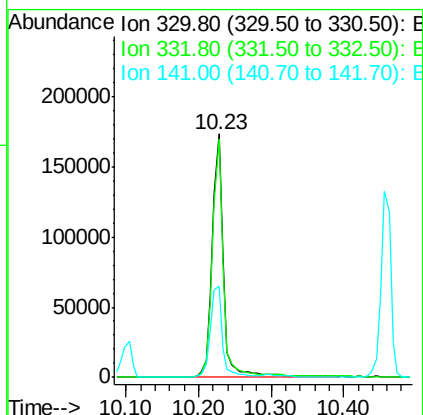
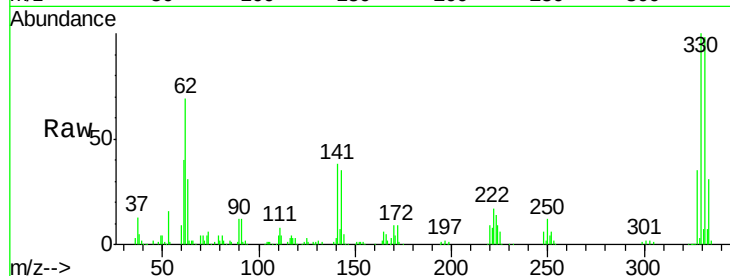




#41
 2,4,6-Tribromophenol
 Concen: 122.91 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

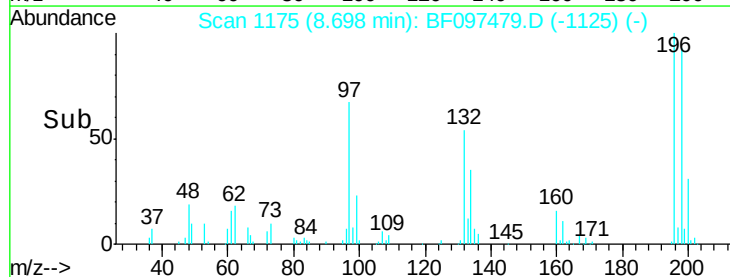
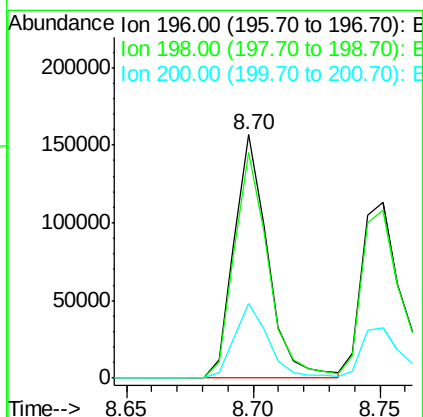
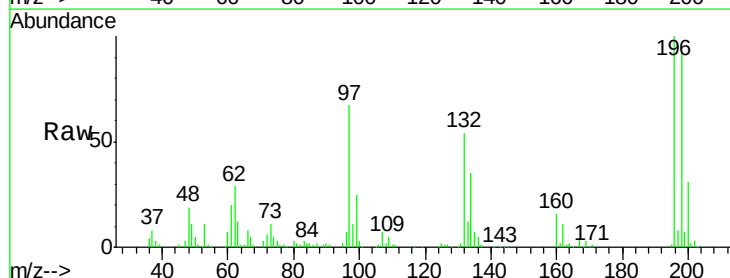
Instrument :
 BNA_F
 ClientSampleId :

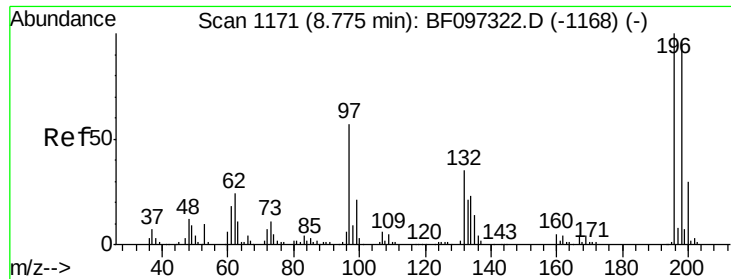
Tot Ion:330 Resp: 191754
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 39.4 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.81 ng
 RT: 8.70 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:196 Resp: 144361
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.2 111.4
 200 30.5 24.0 36.0

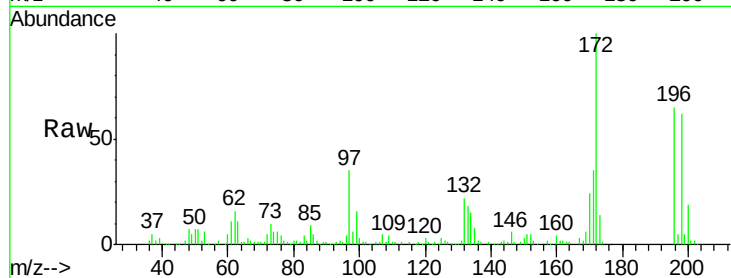




#43
 2,4,5-Trichlorophenol
 Concen: 37.74 ng
 RT: 8.75 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	144242
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.7	113.5
97	53.6	47.7	71.5
132	33.4	28.0	42.0



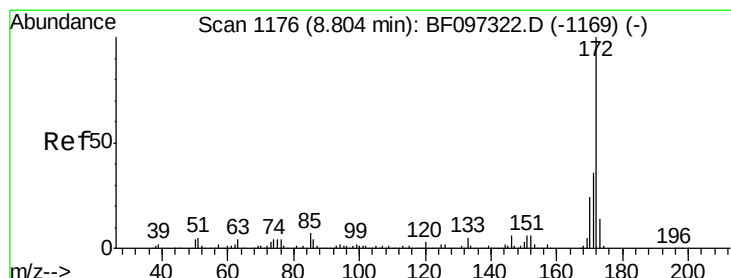
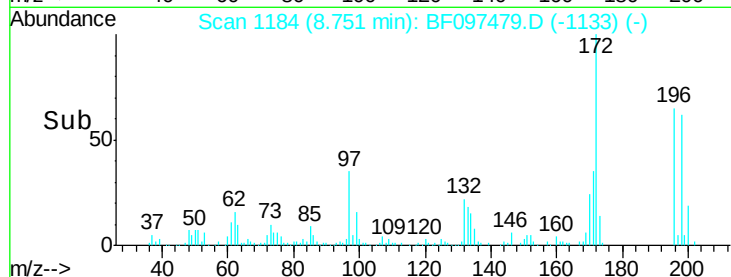
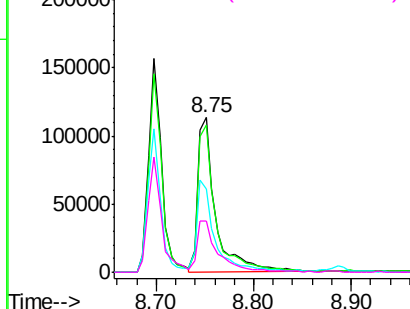
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

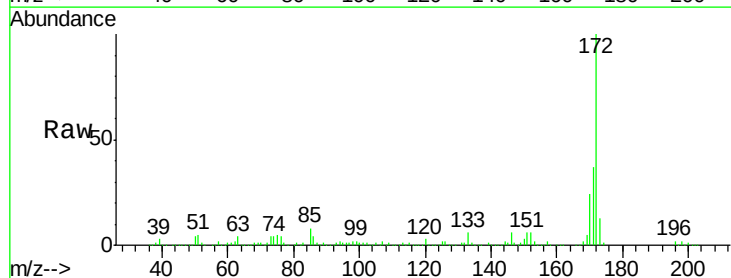
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.45 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	172	Resp	994209
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.6	44.4
170	24.2	19.8	29.8

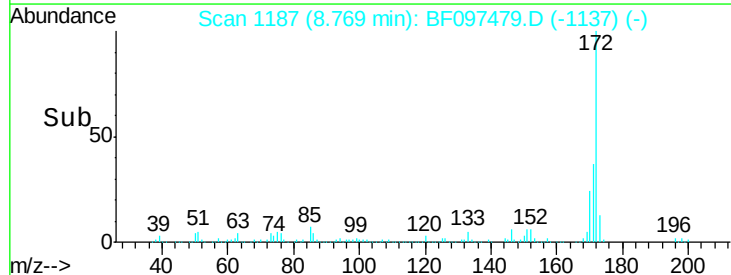
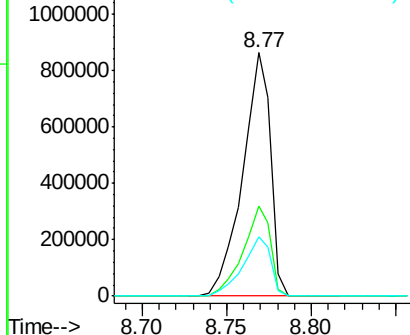


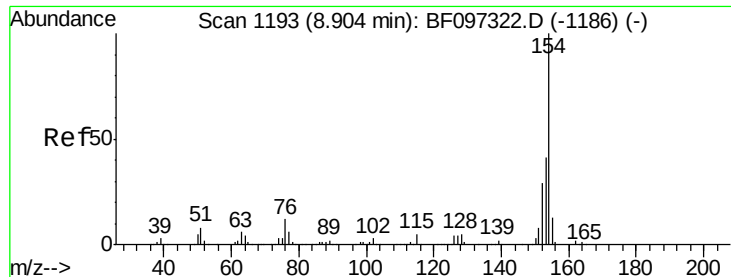
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.46 ng

RT: 8.87 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

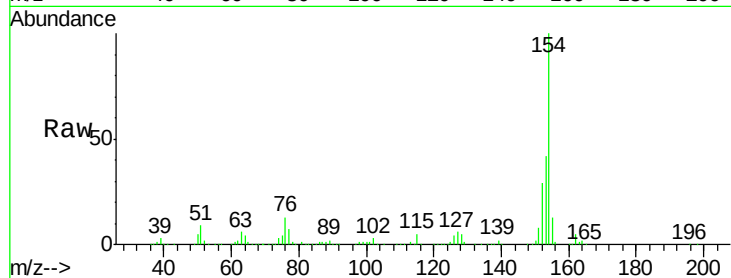
Tot Ion:154 Resp: 665589

Ion Ratio Lower Upper

154 100

153 41.8 21.2 61.2

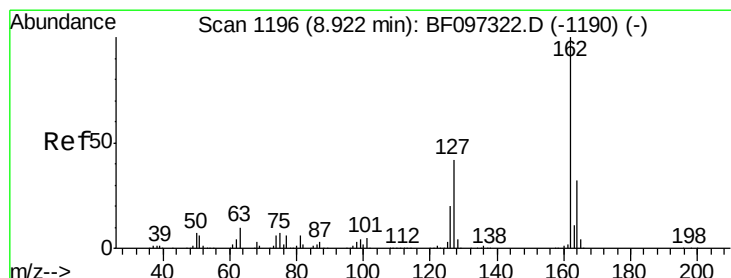
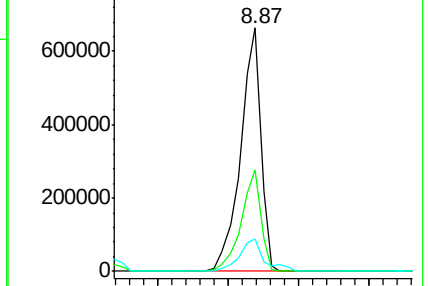
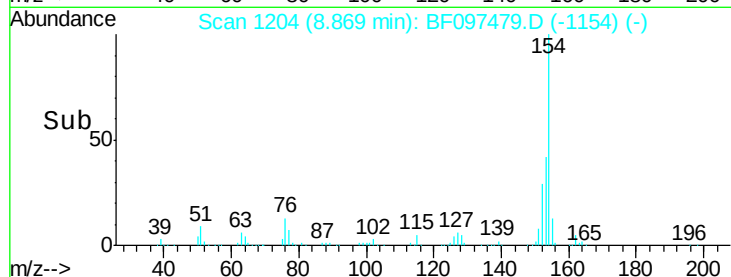
76 13.3 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.66 ng

RT: 8.89 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

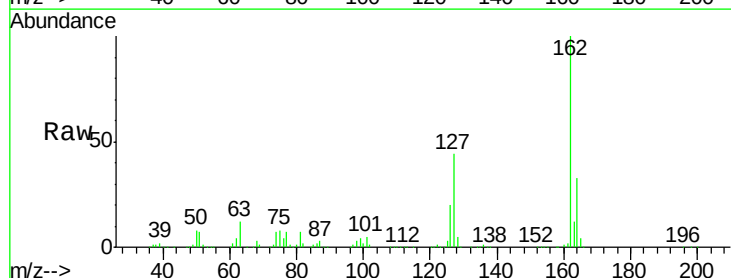
Tgt Ion:162 Resp: 517004

Ion Ratio Lower Upper

162 100

127 43.8 28.3 42.5#

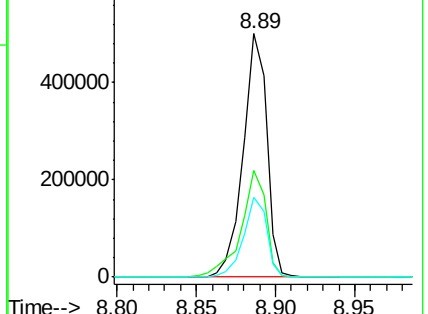
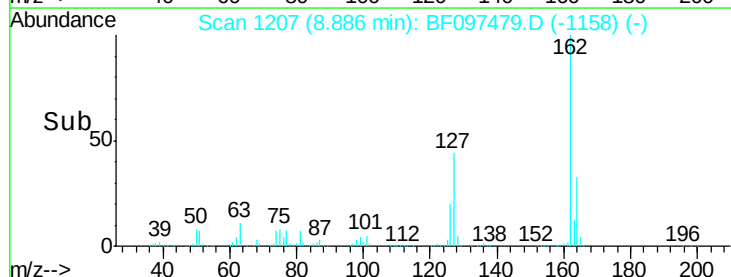
164 32.6 27.0 40.4

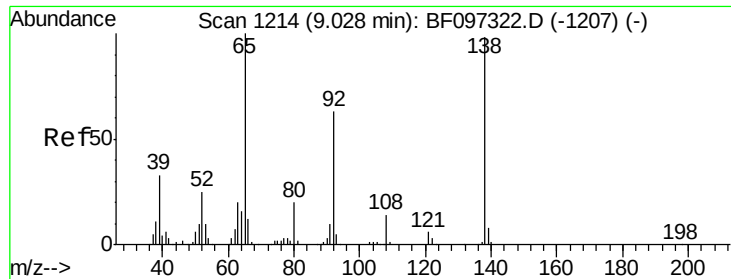


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.61 ng

RT: 9.00 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampled :

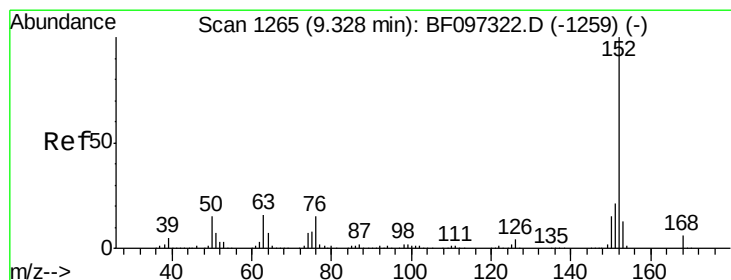
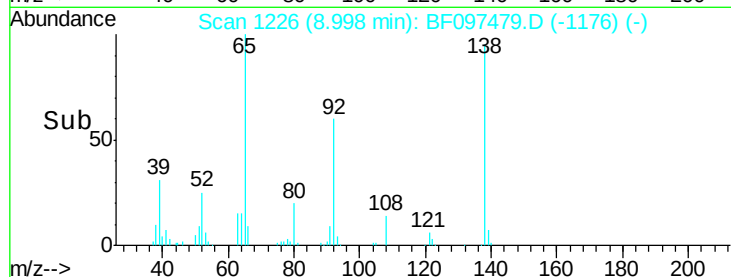
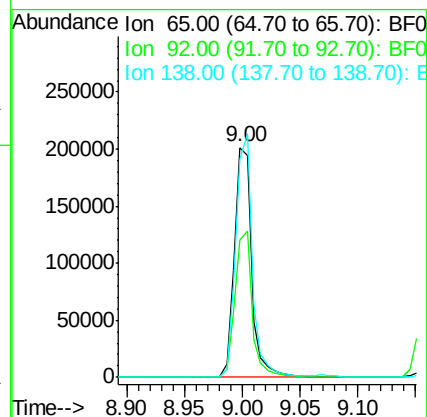
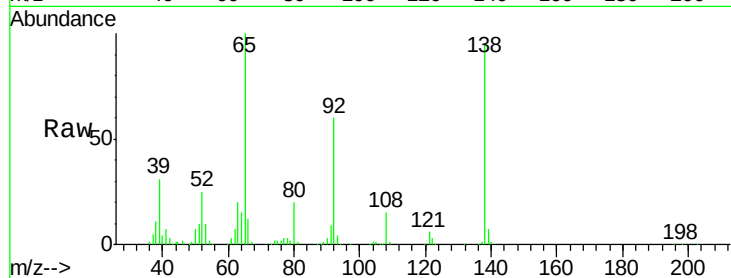
Tot Ion: 65 Resp: 209936

Ion Ratio Lower Upper

65 100

92 60.0 53.9 80.9

138 94.8 78.8 118.2



#48

Acenaphthylene

Concen: 41.93 ng

RT: 9.30 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

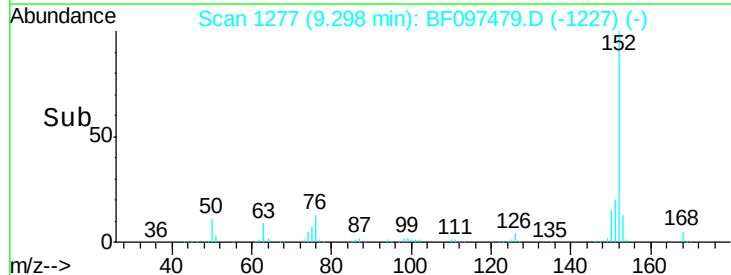
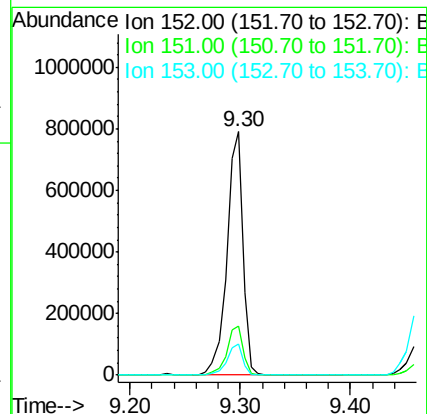
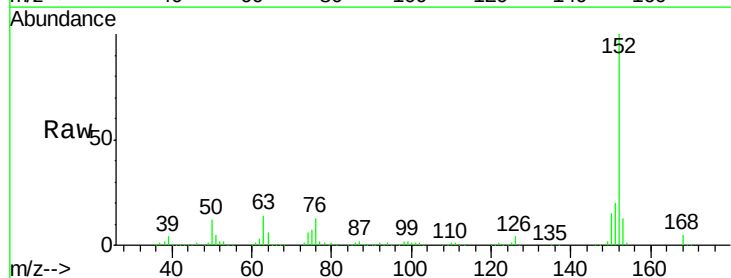
Tgt Ion: 152 Resp: 798857

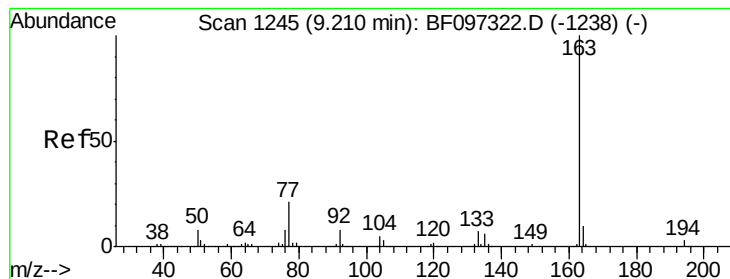
Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 12.8 10.8 16.2





#49

Dimethylphthalate

Concen: 41.18 ng

RT: 9.18 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

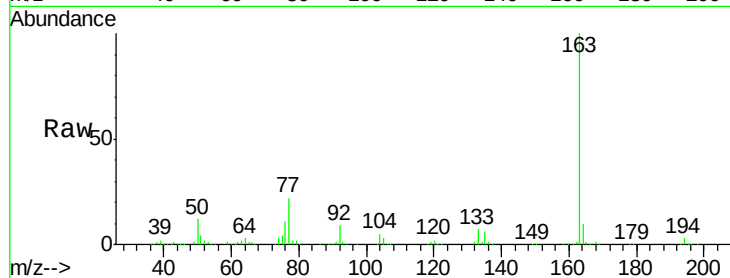
Tot Ion:163 Resp: 617473

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

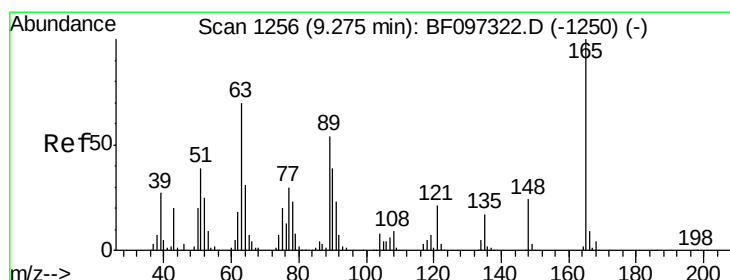
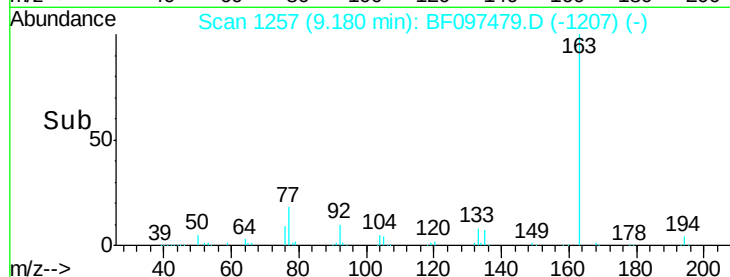
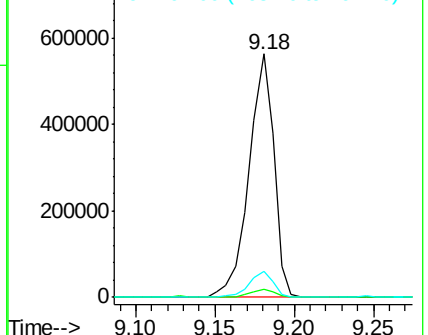
164 10.5 8.4 12.6



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: 42.22 ng

RT: 9.25 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

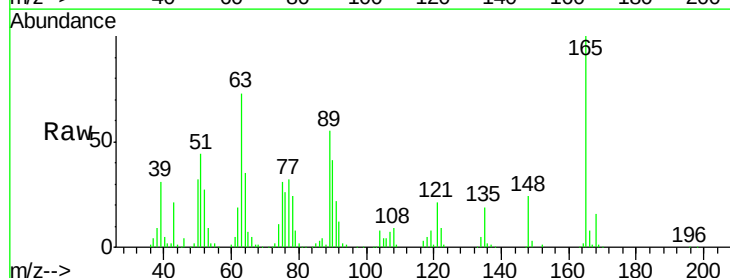
Tgt Ion:165 Resp: 134265

Ion Ratio Lower Upper

165 100

63 73.2 34.3 51.5#

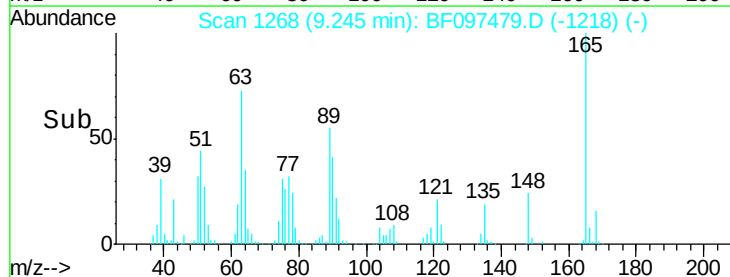
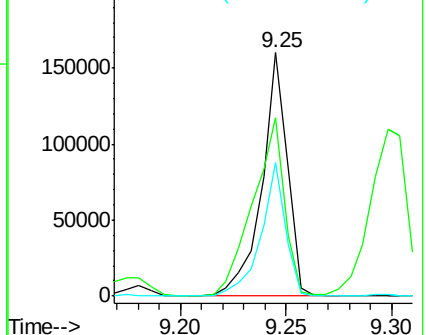
89 54.9 37.1 55.7

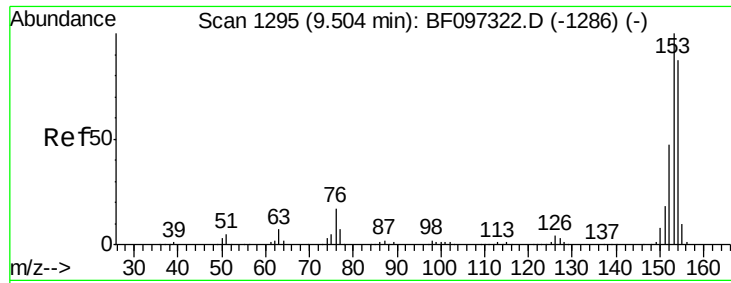


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

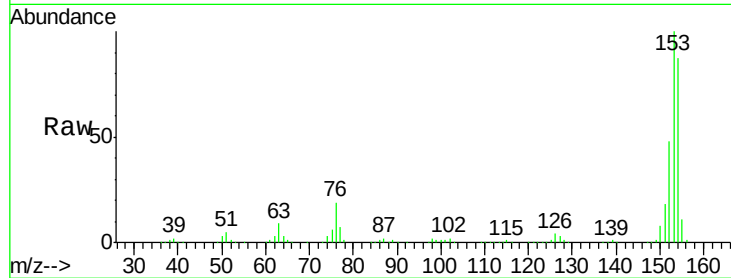




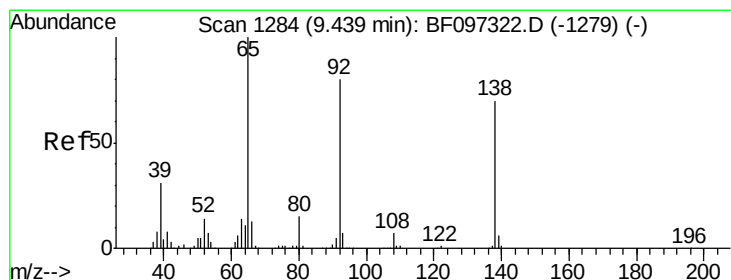
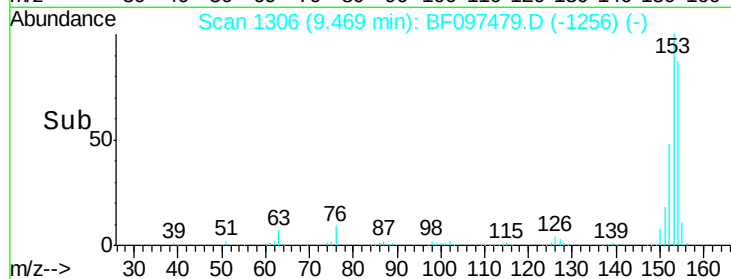
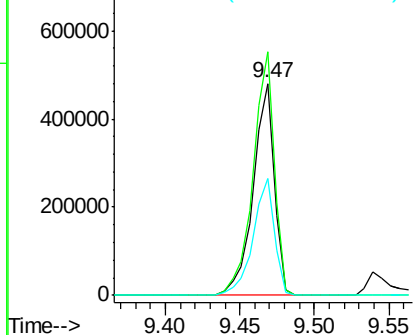
#51
Acenaphthene
Concen: 41.86 ng
RT: 9.47 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 469668
Ion Ratio Lower Upper
154 100
153 114.8 90.5 135.7
152 55.3 43.6 65.4

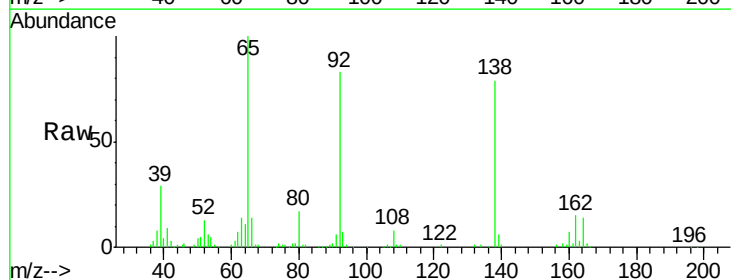


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

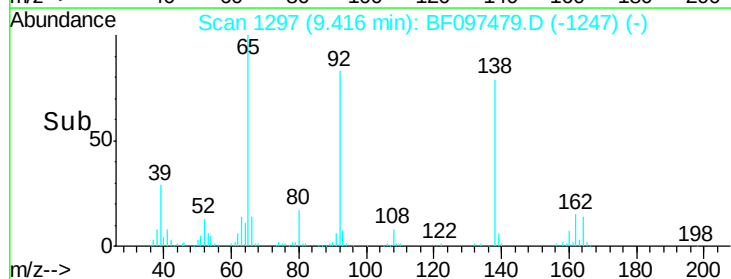
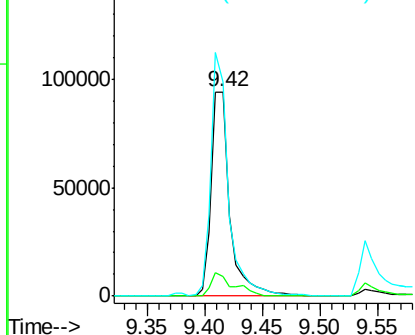


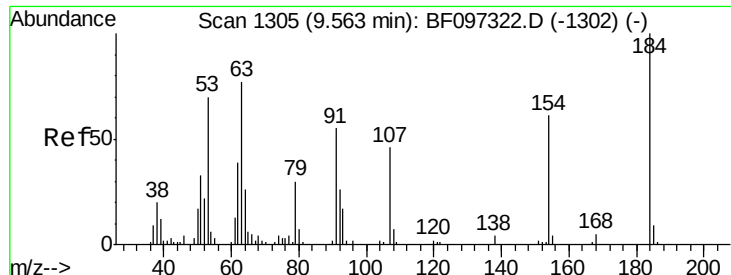
#52
3-Nitroaniline
Concen: 27.03 ng
RT: 9.42 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:138 Resp: 106682
Ion Ratio Lower Upper
138 100
108 9.6 9.1 13.7
92 104.8 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

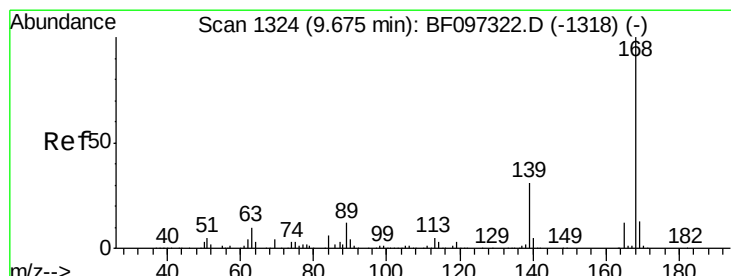
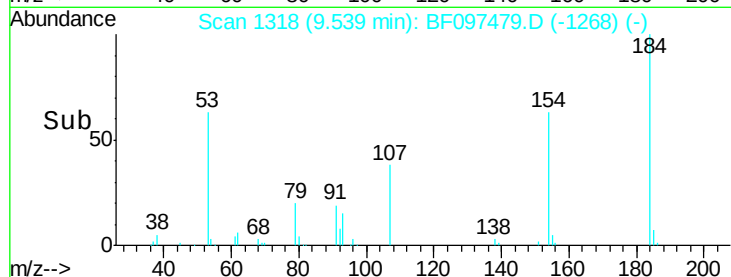
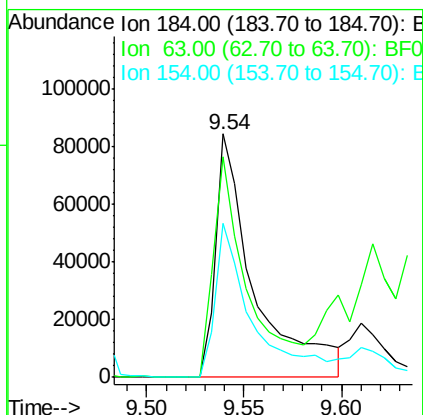
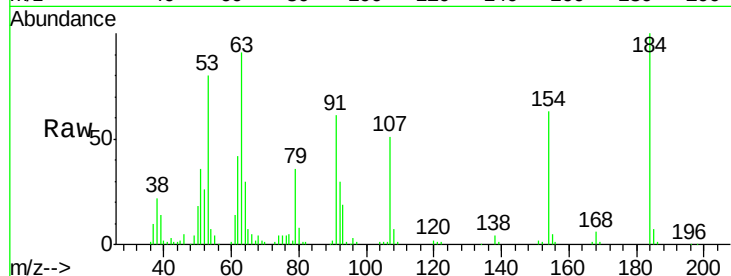




#53
2,4-Dinitrophenol
Concen: 80.50 ng
RT: 9.54 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

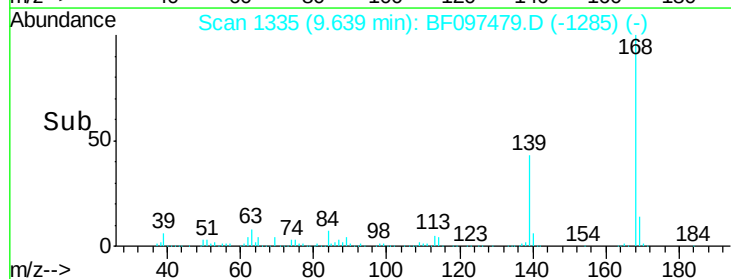
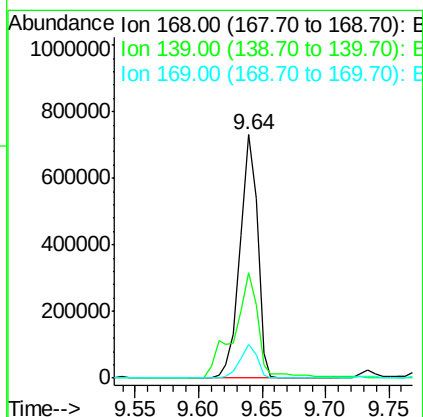
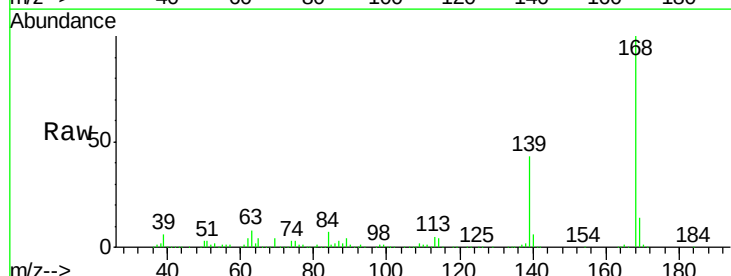
Instrument :
BNA_F
ClientSampled :

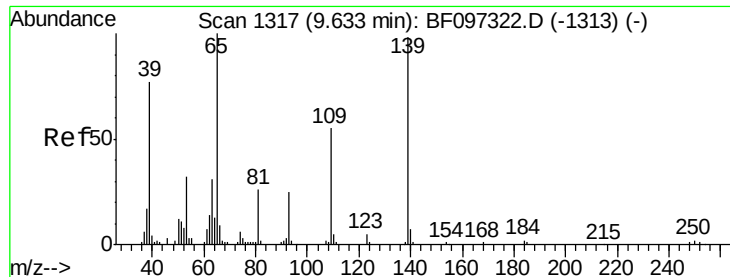
Tot Ion:184 Resp: 116408
Ion Ratio Lower Upper
184 100
63 90.6 62.7 94.1
154 63.0 81.1 121.7#



#54
Dibenzofuran
Concen: 46.58 ng
RT: 9.64 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:168 Resp: 696243
Ion Ratio Lower Upper
168 100
139 43.3 30.6 45.8
169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 186.08 ng

RT: 9.64 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

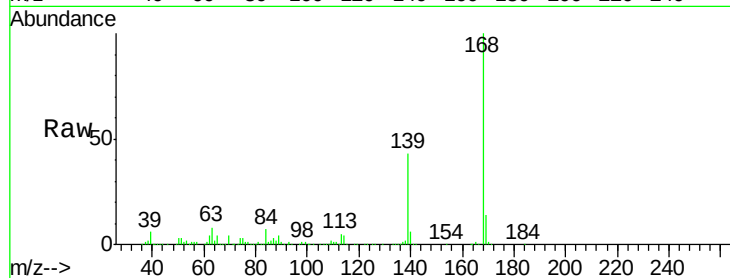
Tot Ion:139 Resp: 436828

Ion Ratio Lower Upper

139 100

109 4.9 34.1 74.1#

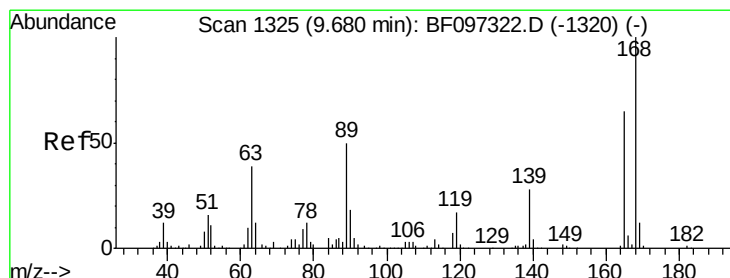
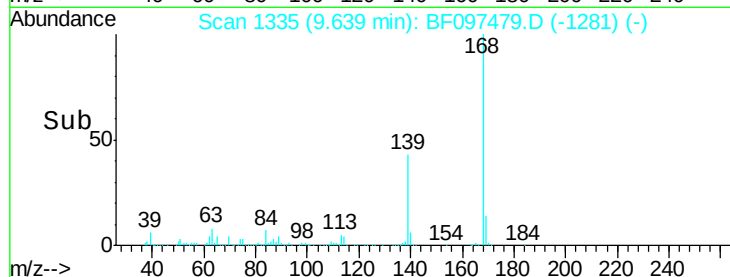
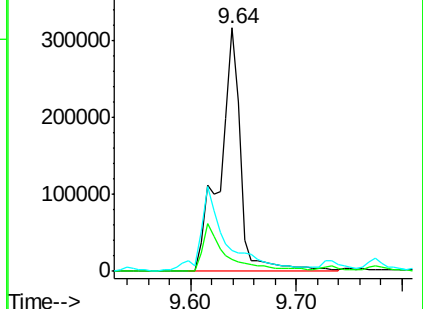
65 8.5 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.04 ng

RT: 9.66 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:165 Resp: 182929

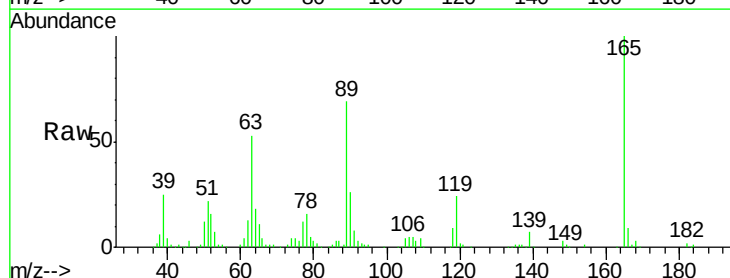
Ion Ratio Lower Upper

165 100

63 52.6 25.4 38.0#

89 68.8 46.4 69.6

182 2.2 1.8 2.6

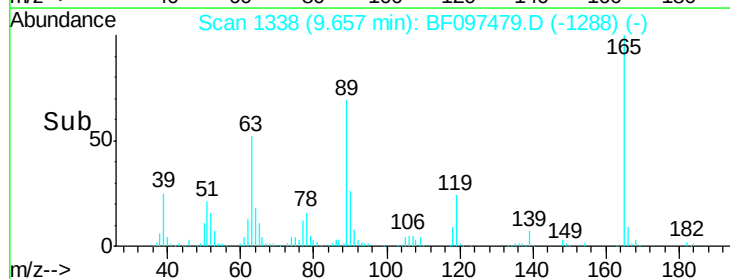
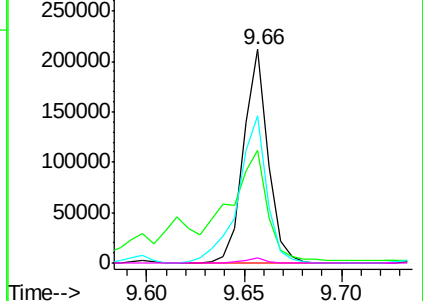


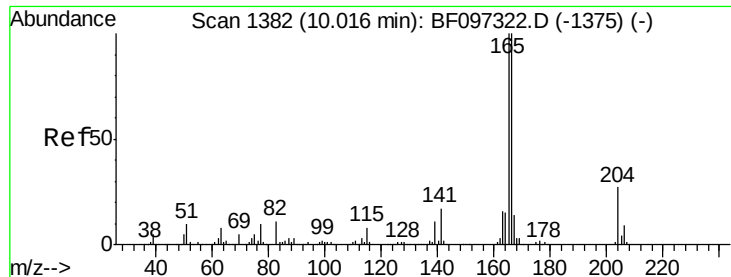
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

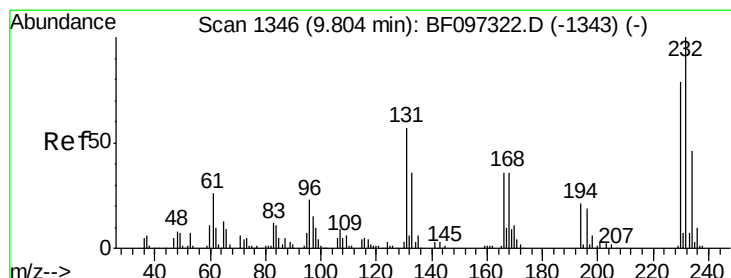
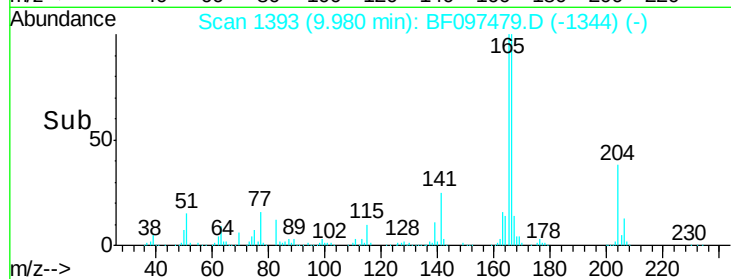
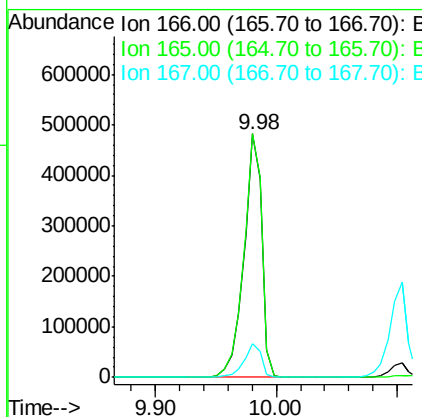
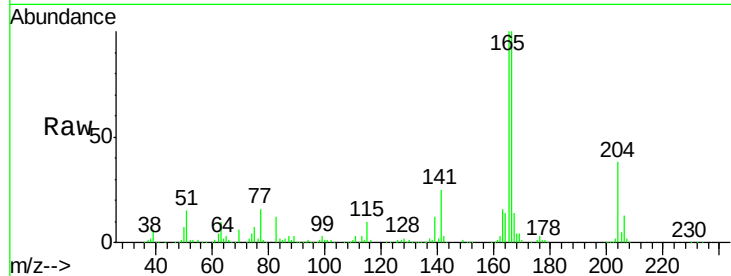




#57
 Fluorene
 Concen: 44.24 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

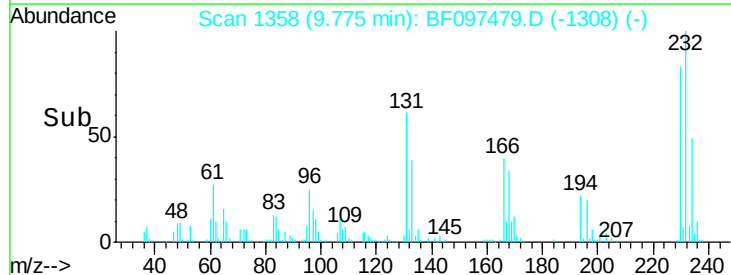
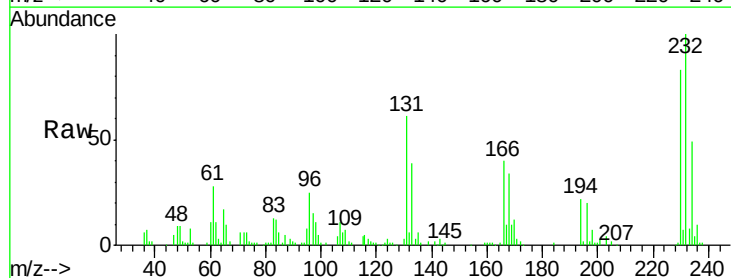
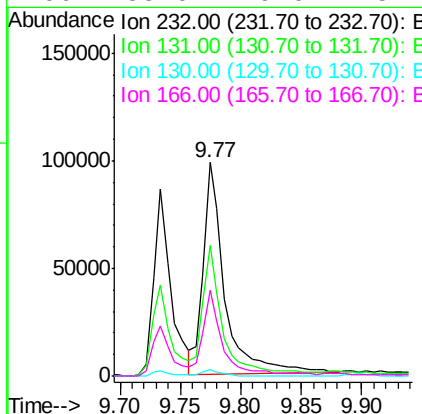
Instrument :
 BNA_F
 ClientSampleId :

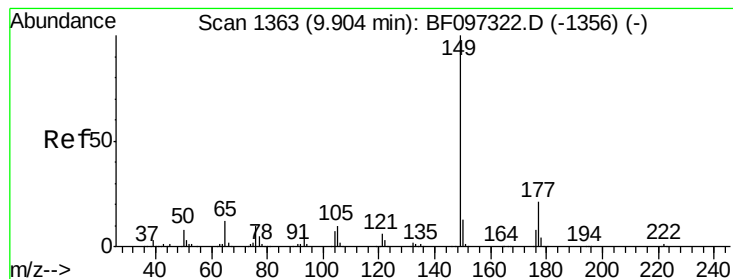
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.8	118.2
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.75 ng
 RT: 9.77 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.5	44.8	67.2
130	2.6	2.3	3.5
166	35.0	29.0	43.4





#59

Diethylphthalate

Concen: 42.57 ng

RT: 9.88 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

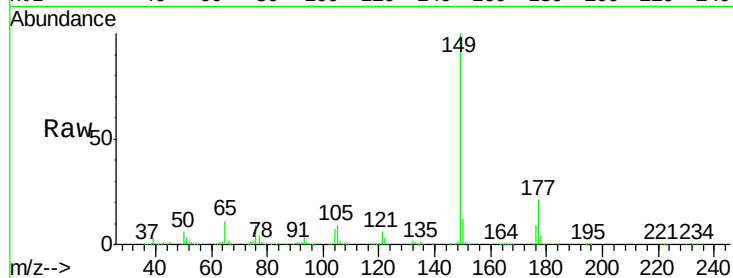
Tot Ion:149 Resp: 585652

Ion Ratio Lower Upper

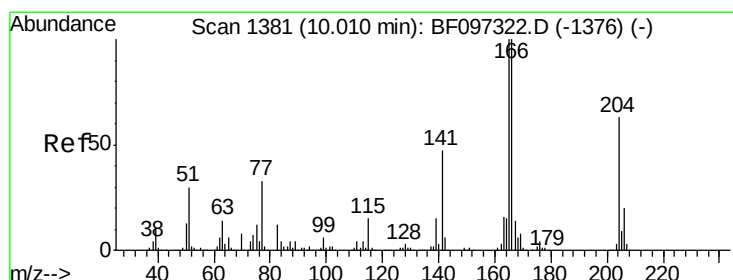
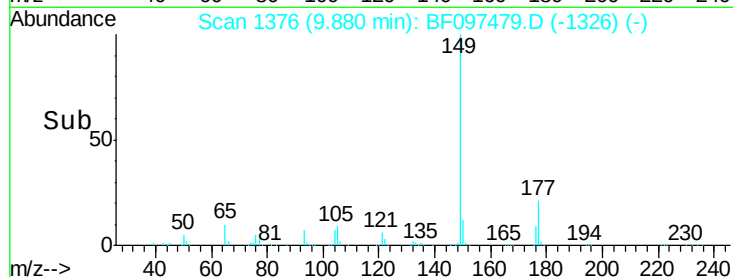
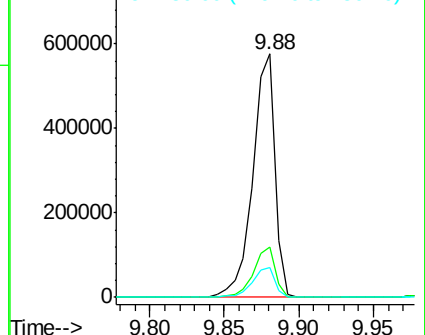
149 100

177 20.6 16.7 25.1

150 12.2 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 43.28 ng

RT: 9.97 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

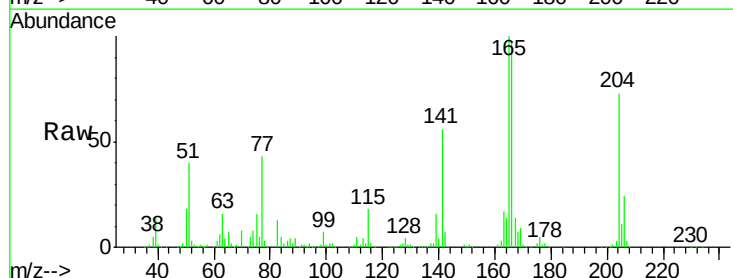
Tgt Ion:204 Resp: 200746

Ion Ratio Lower Upper

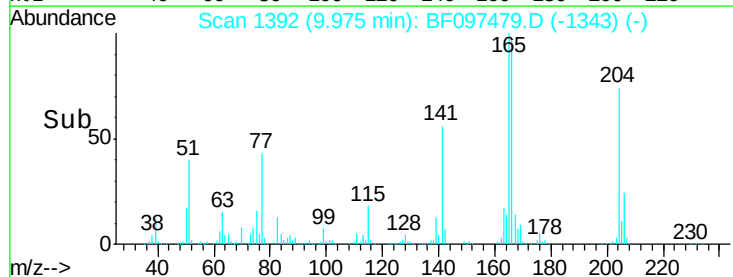
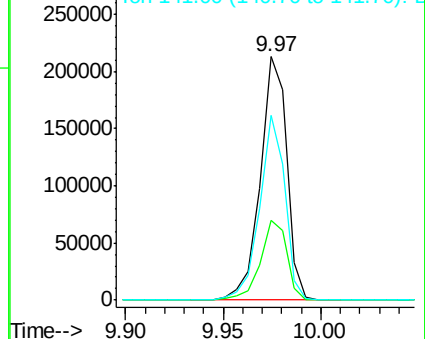
204 100

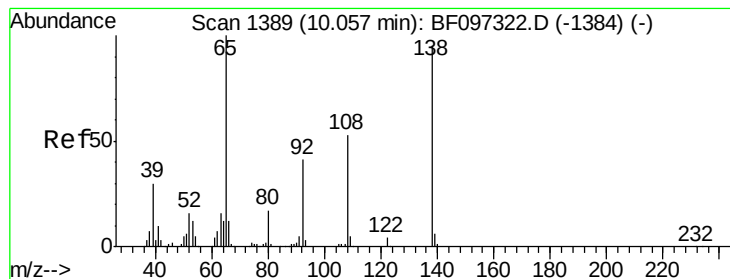
206 32.9 26.2 39.2

141 76.0 60.8 91.2



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





#61

4-Nitroaniline

Concen: 43.55 ng

RT: 10.03 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampled :

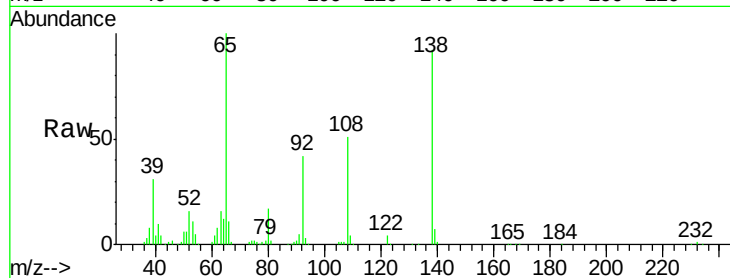
Tot Ion:138 Resp: 163361

Ion Ratio Lower Upper

138 100

92 46.0 21.8 61.8

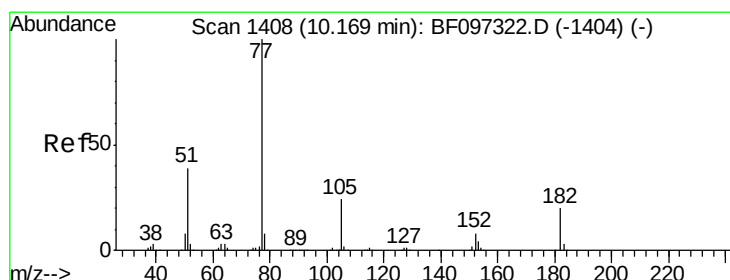
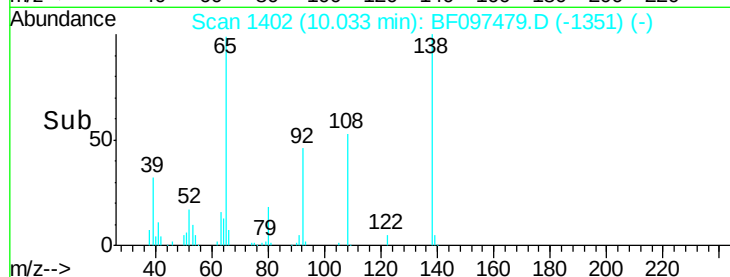
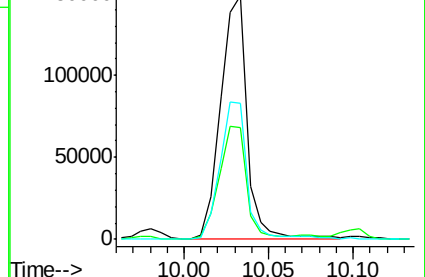
108 55.8 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.90 ng

RT: 10.14 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion: 77 Resp: 611329

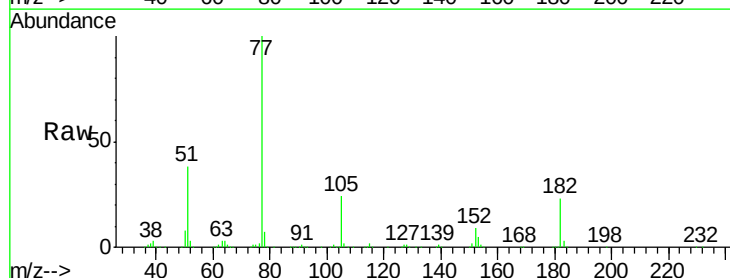
Ion Ratio Lower Upper

77 100

182 23.1 0.1 40.1

105 24.4 3.6 43.6

51 38.0 9.4 49.4

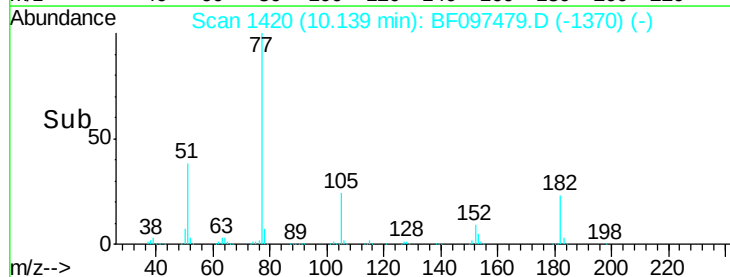
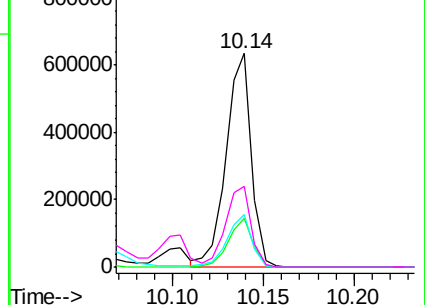


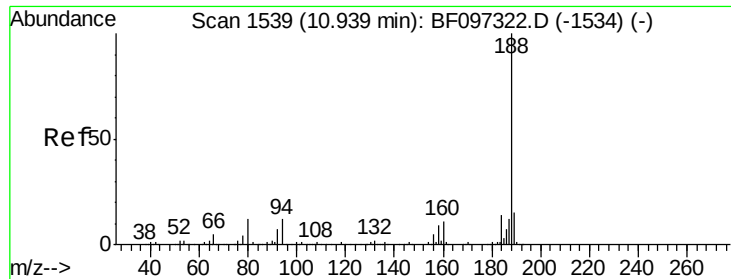
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

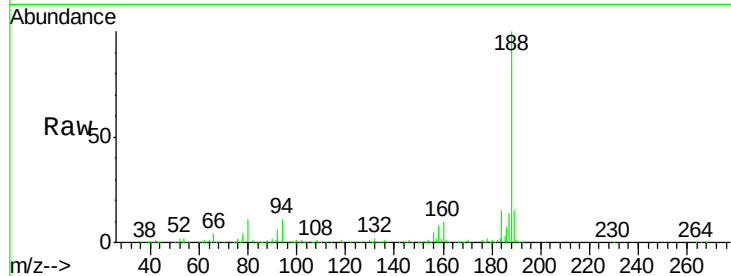
Tot Ion:188 Resp: 324732

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

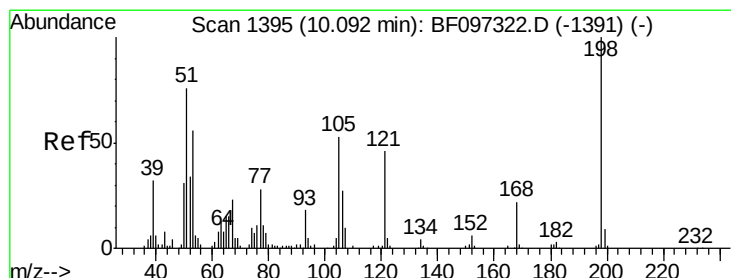
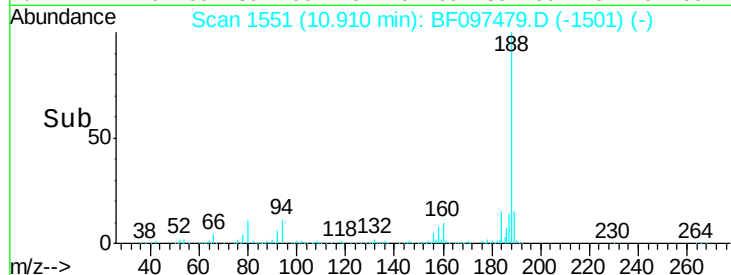
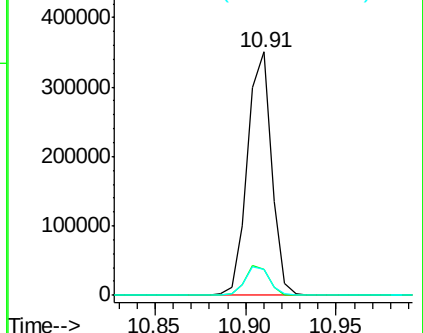
80 10.9 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.37 ng

RT: 10.07 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

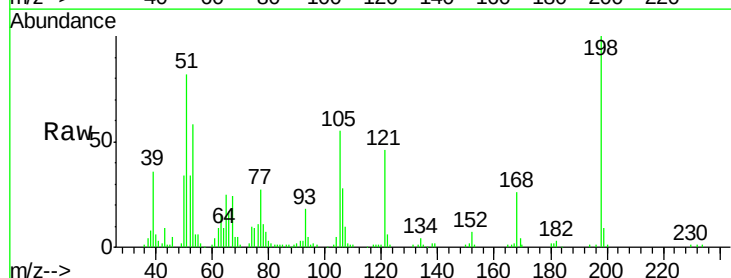
Tgt Ion:198 Resp: 87518

Ion Ratio Lower Upper

198 100

51 82.3 53.2 93.2

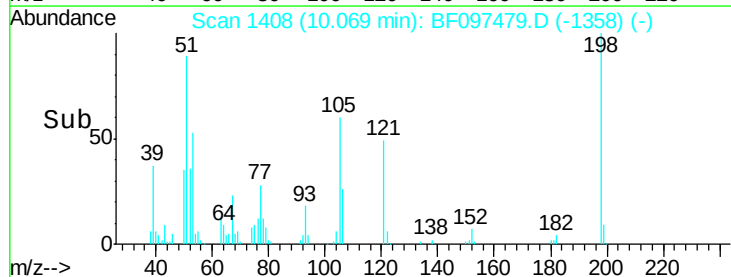
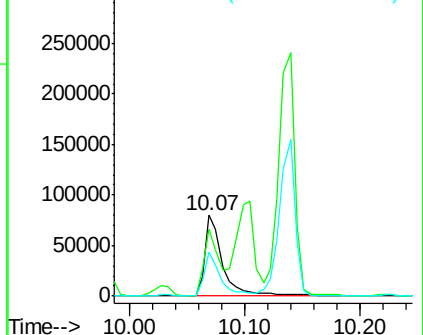
105 55.0 45.8 85.8

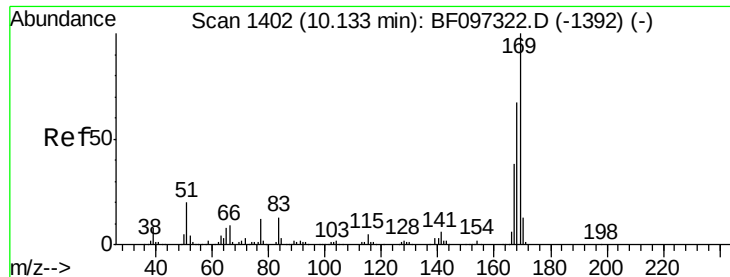


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.05 ng

RT: 10.10 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

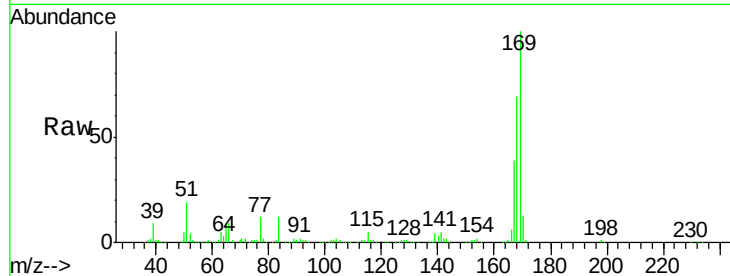
Tot Ion:169 Resp: 486357

Ion Ratio Lower Upper

169 100

168 69.0 53.2 79.8

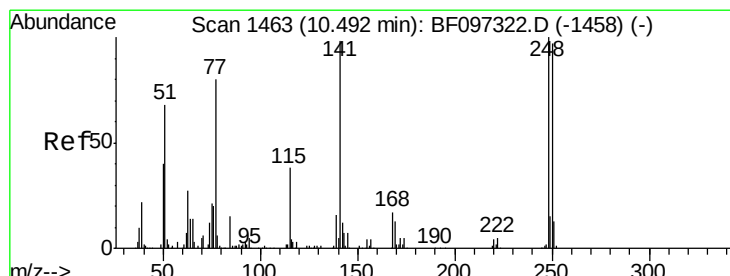
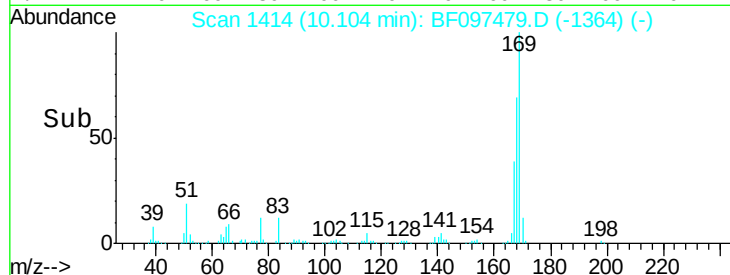
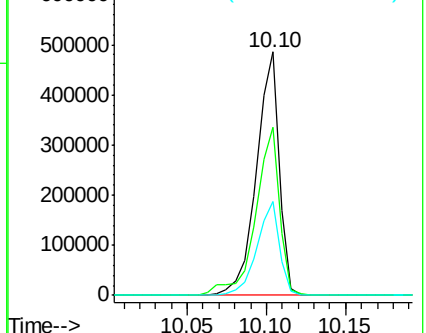
167 38.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.27 ng

RT: 10.46 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

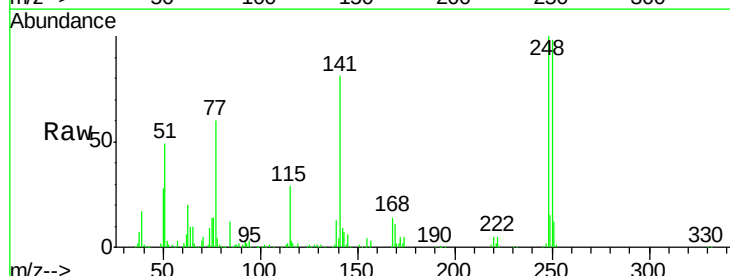
Tgt Ion:248 Resp: 136999

Ion Ratio Lower Upper

248 100

250 98.2 76.8 115.2

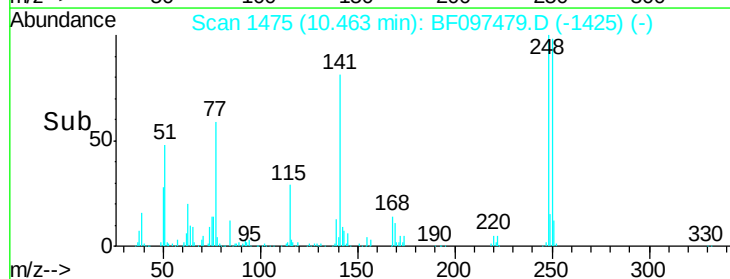
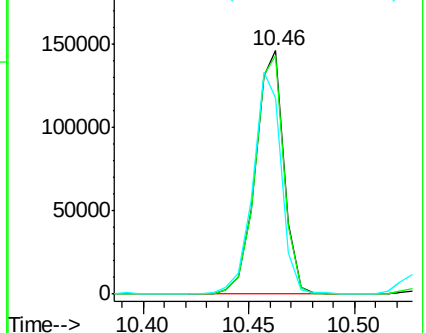
141 80.6 68.6 103.0

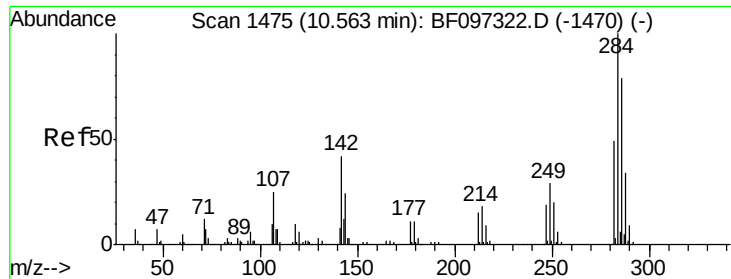


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.30 ng

RT: 10.53 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

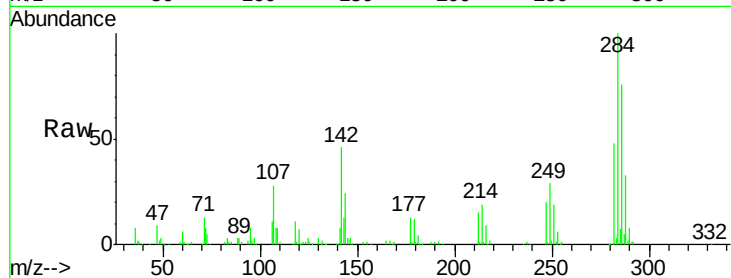
Tot Ion:284 Resp: 146445

Ion Ratio Lower Upper

284 100

142 46.4 22.8 34.2#

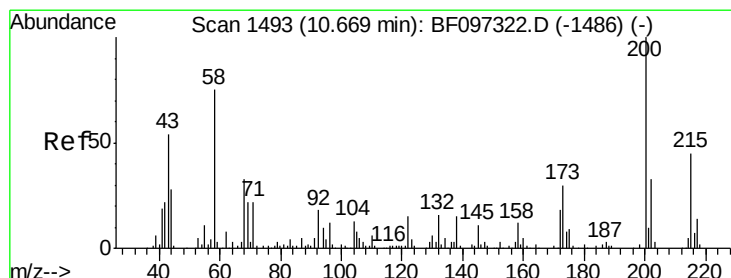
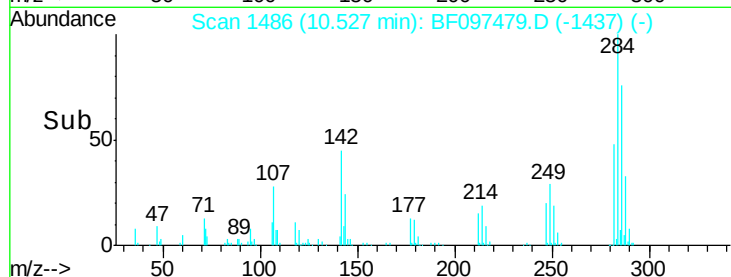
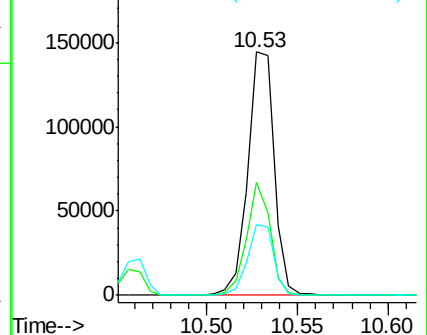
249 29.3 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.69 ng

RT: 10.64 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

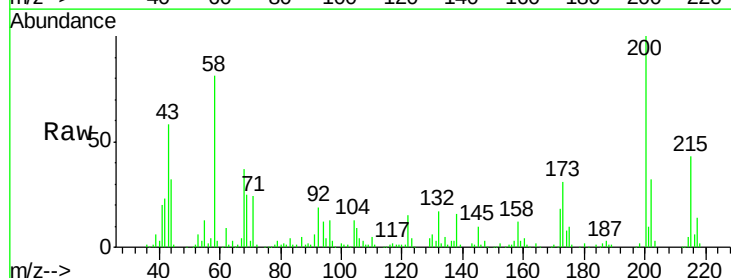
Tgt Ion:200 Resp: 141557

Ion Ratio Lower Upper

200 100

173 30.8 6.3 46.3

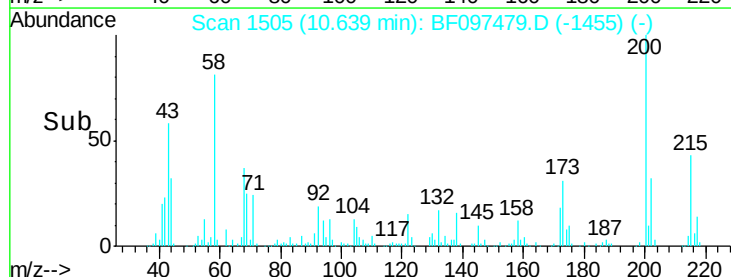
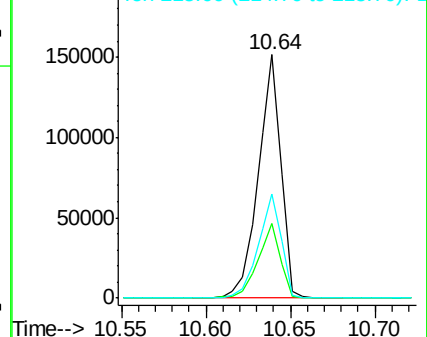
215 42.9 27.2 67.2

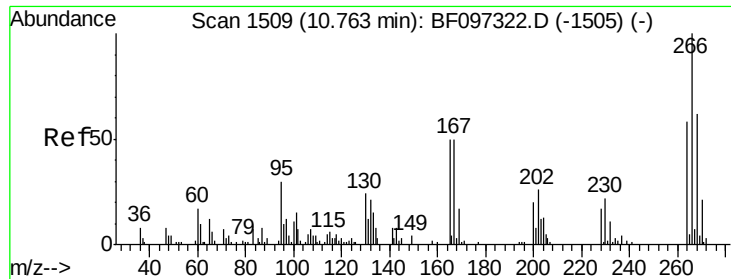


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

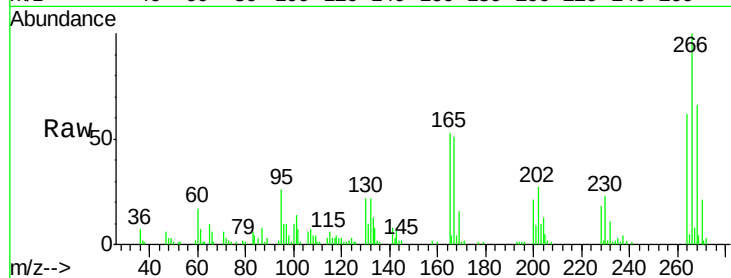




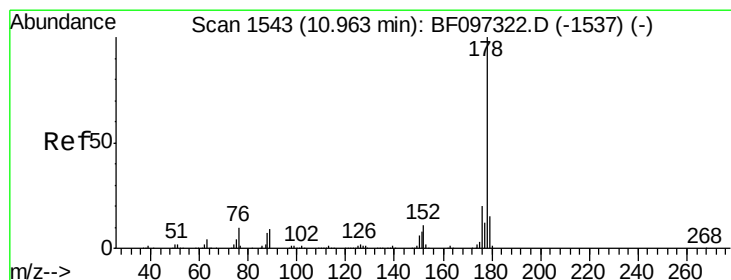
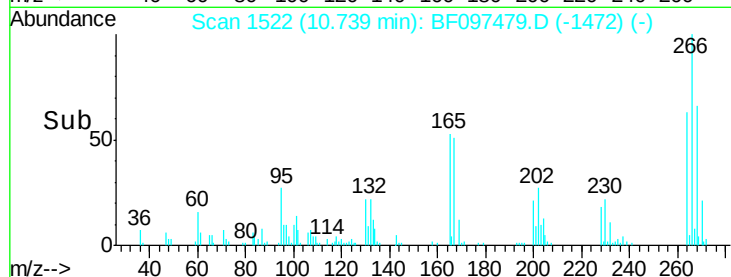
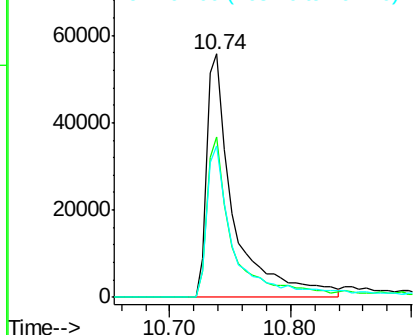
#69
 Pentachlorophenol
 Concen: 57.20 ng
 RT: 10.74 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 86016
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 62.2 51.7 77.5

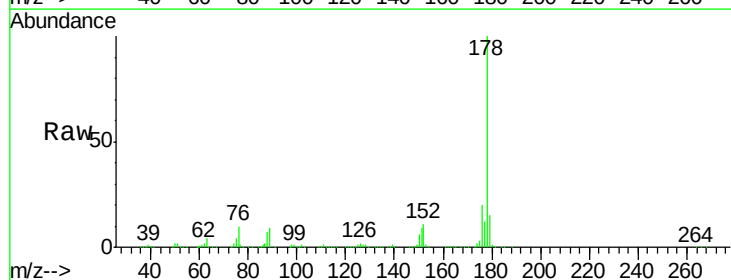


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

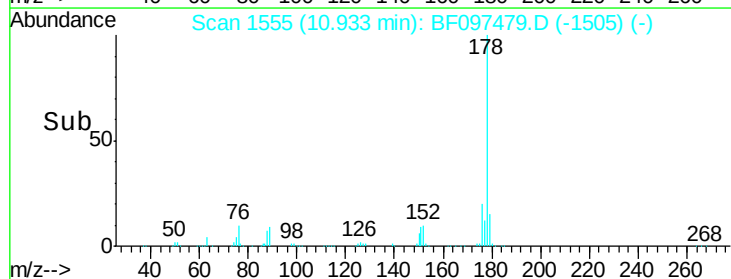
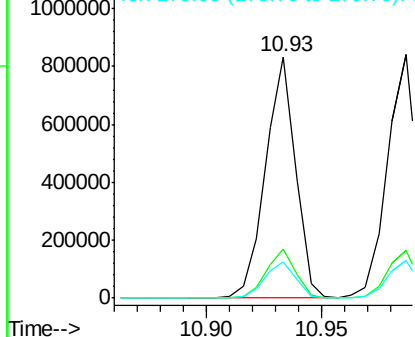


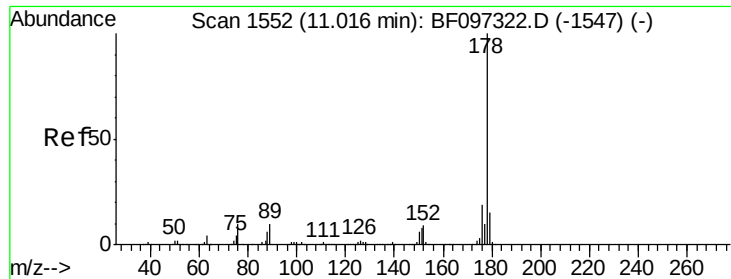
#70
 Phenanthrene
 Concen: 43.38 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:178 Resp: 754765
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.0 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

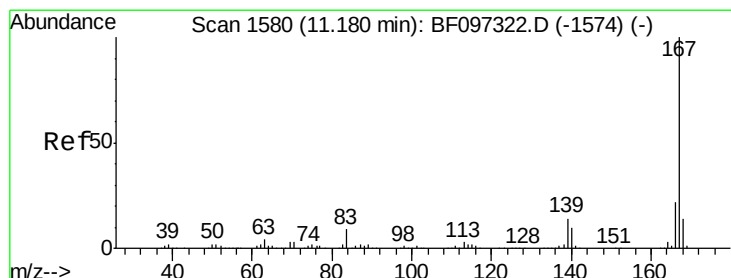
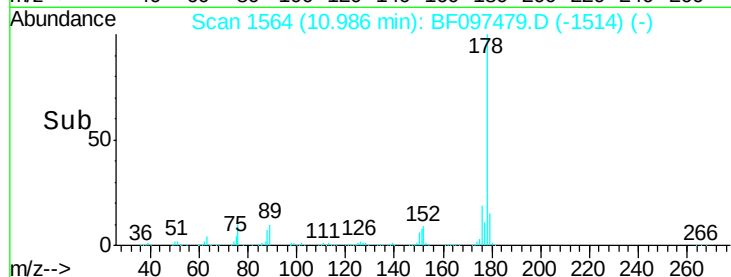
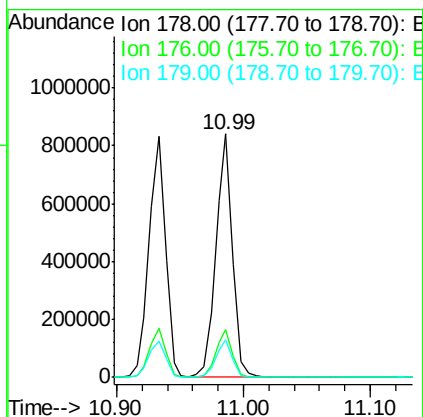
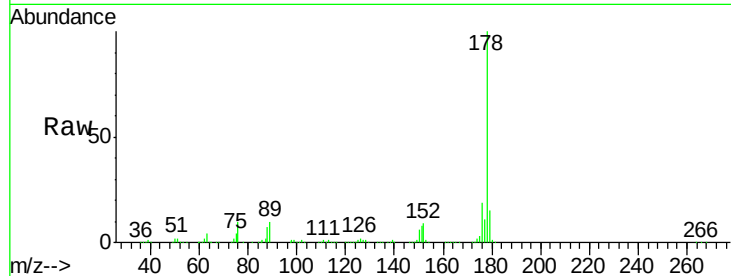




#71
 Anthracene
 Concen: 43.67 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

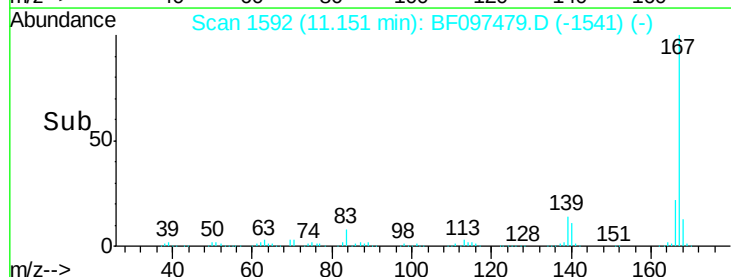
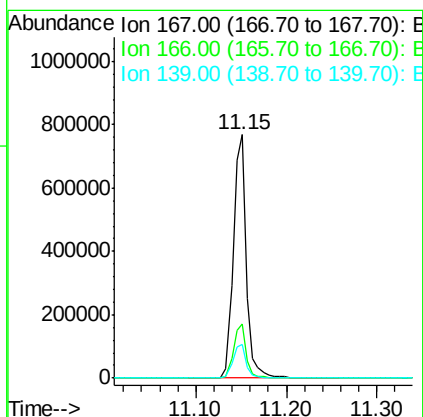
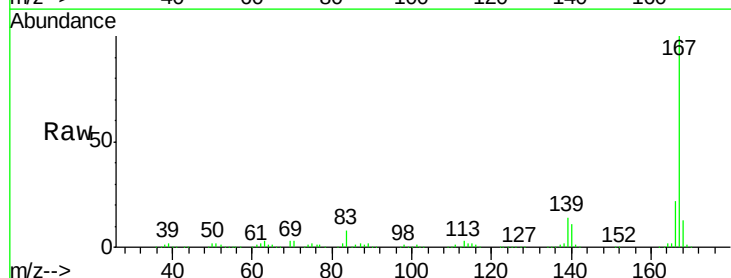
Instrument :
 BNA_F
 ClientSampleId :

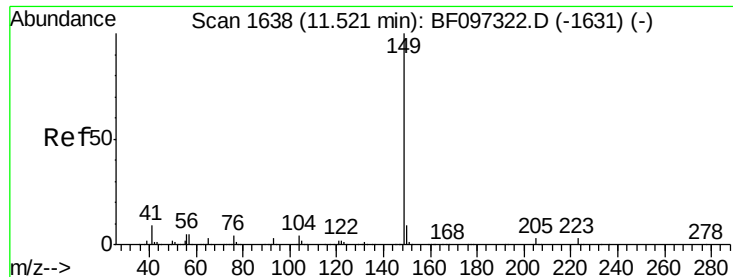
Tot Ion:178 Resp: 778242
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 44.05 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:167 Resp: 771975
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.46 ng

RT: 11.49 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampled :

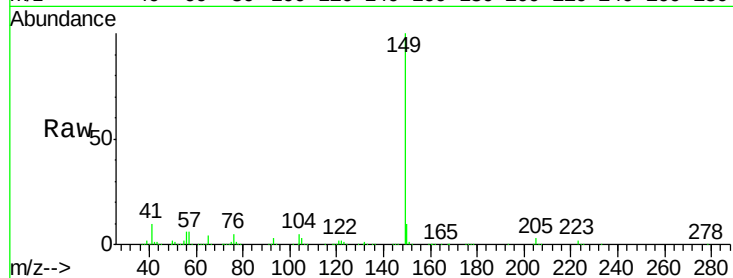
Tot Ion:149 Resp: 898156

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

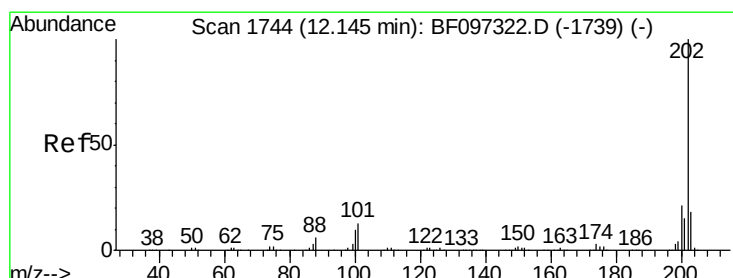
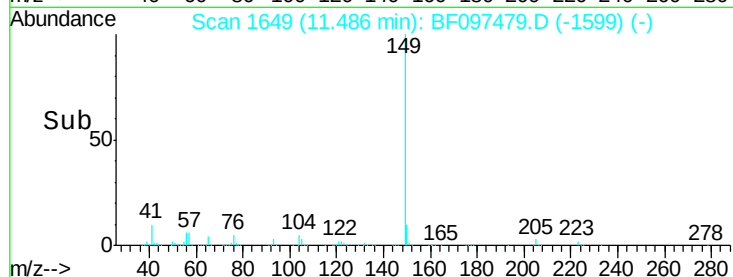
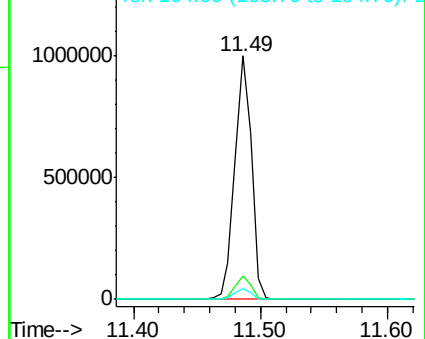
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.74 ng

RT: 12.12 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

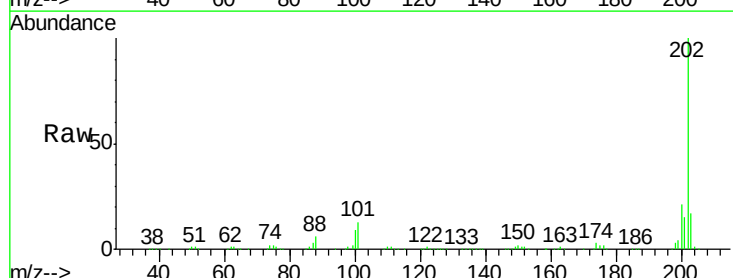
Tgt Ion:202 Resp: 745631

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

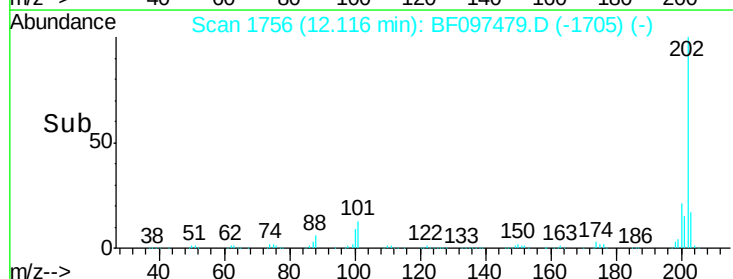
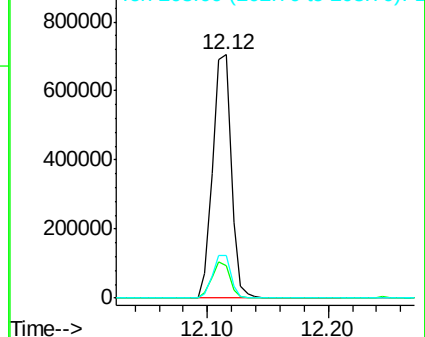
203 17.5 0.0 38.1

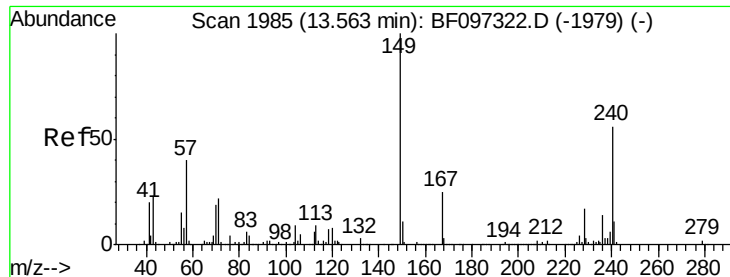


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

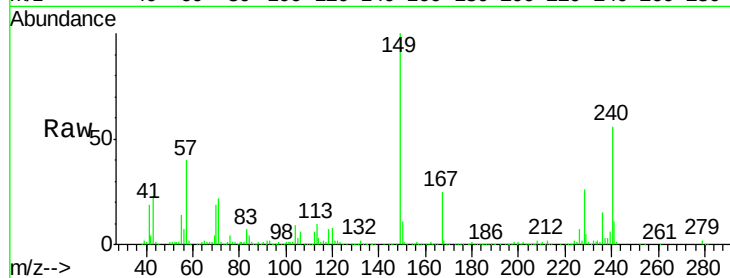
Tot Ion:240 Resp: 196069

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

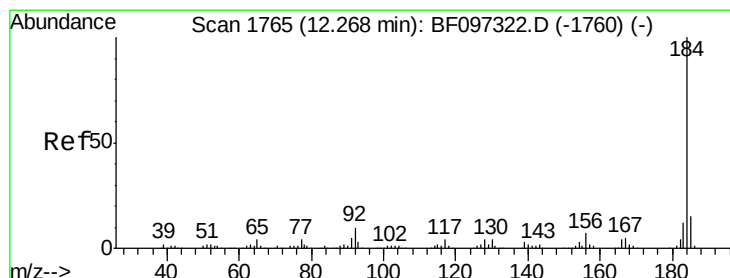
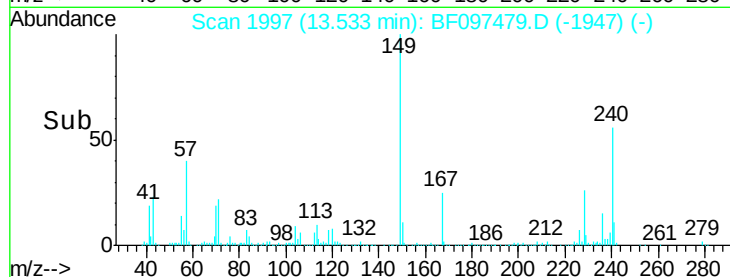
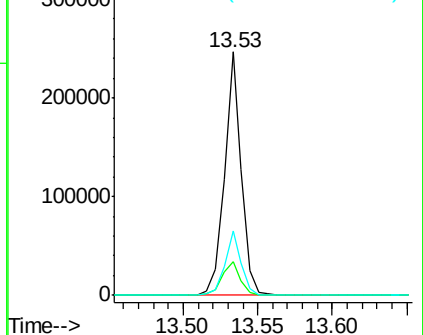
236 26.6 20.5 30.7



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: 55.40 ng

RT: 12.24 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

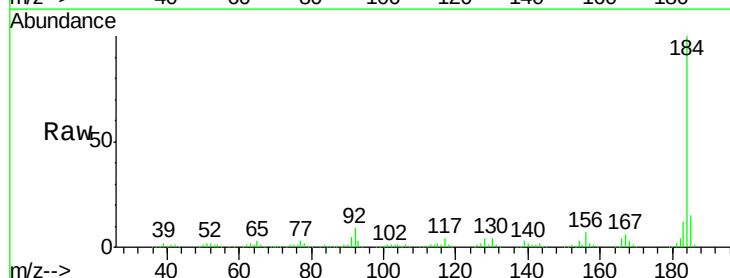
Tgt Ion:184 Resp: 403015

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

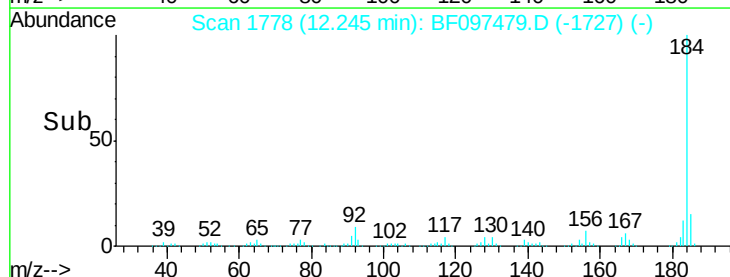
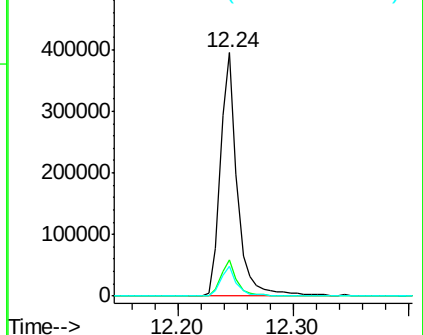
183 12.2 9.8 14.6

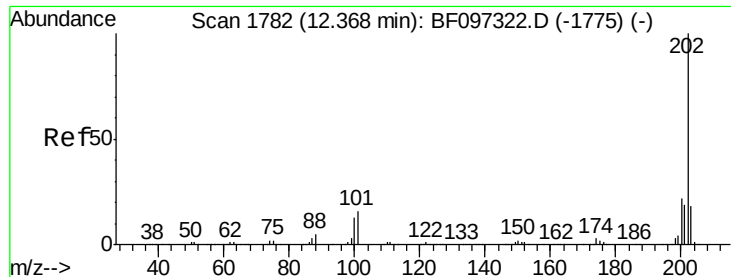


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

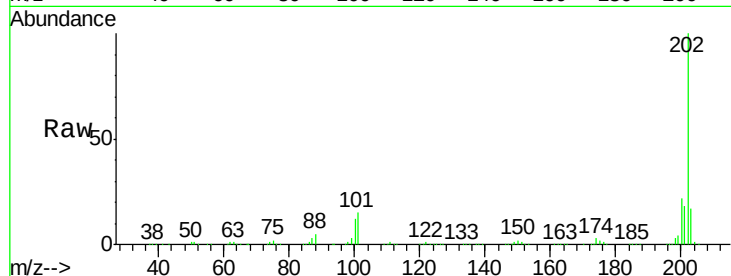




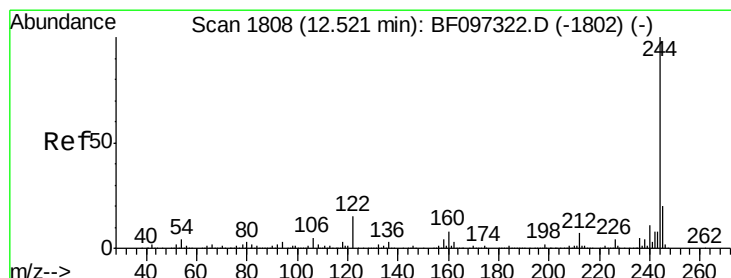
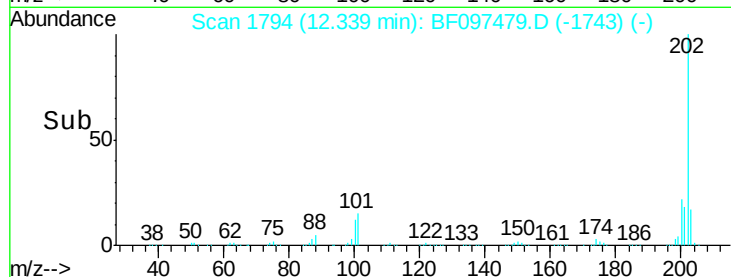
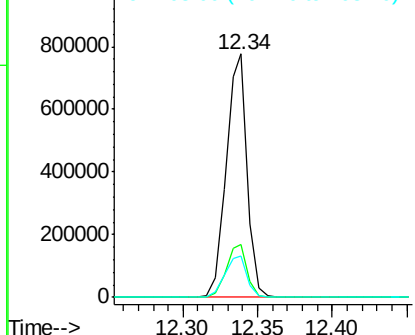
#77
 Pvrene
 Concen: 47.67 ng
 RT: 12.34 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 765213
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.6 26.4
 203 17.2 14.4 21.6

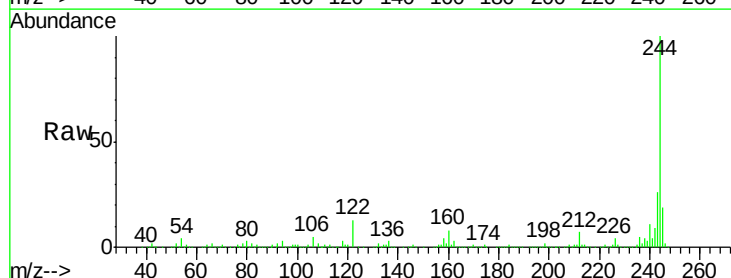


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

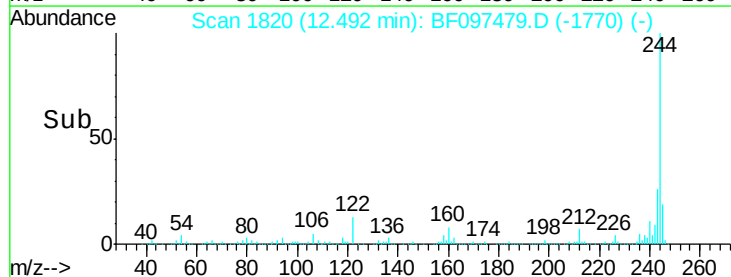
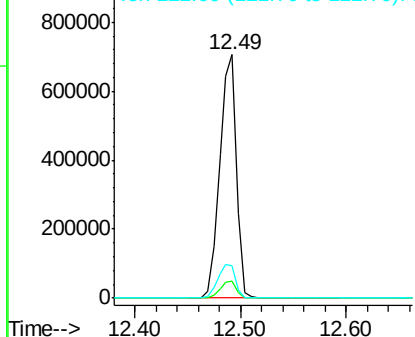


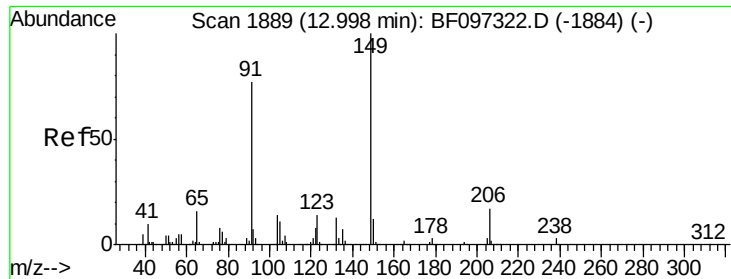
#78
 Terphenyl-d14
 Concen: 81.21 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:244 Resp: 780942
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

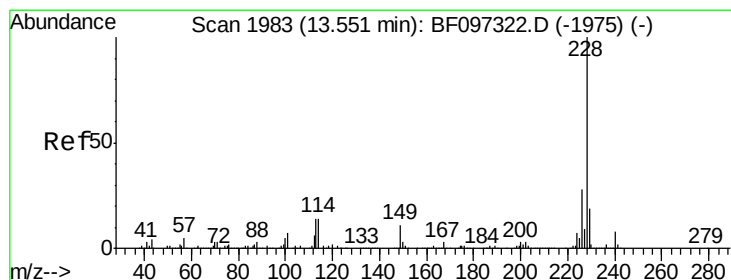
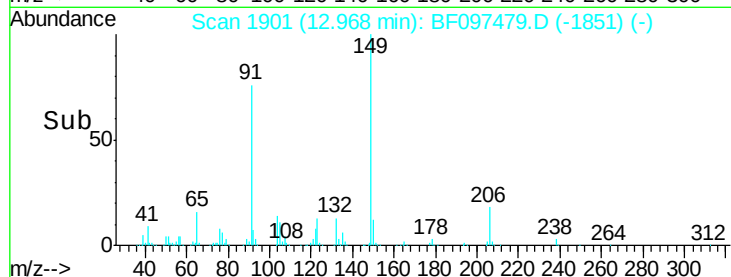
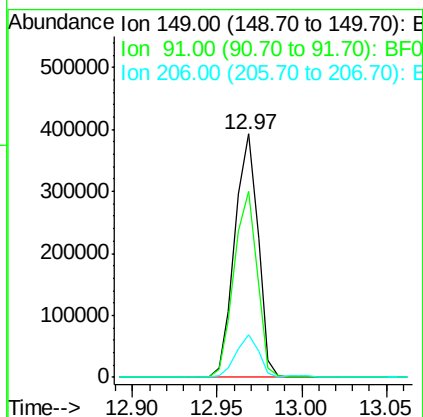
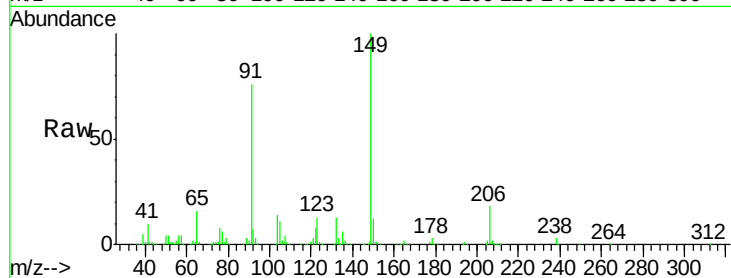




#79
Butylbenzylphthalate
Concen: 46.05 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

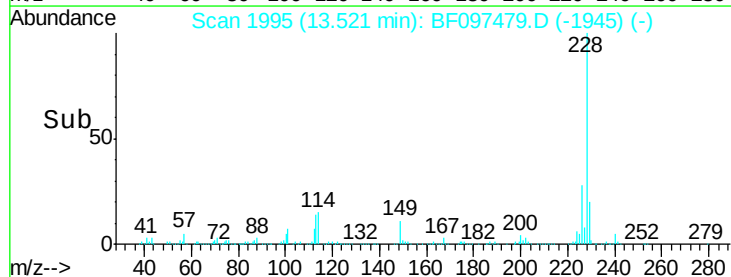
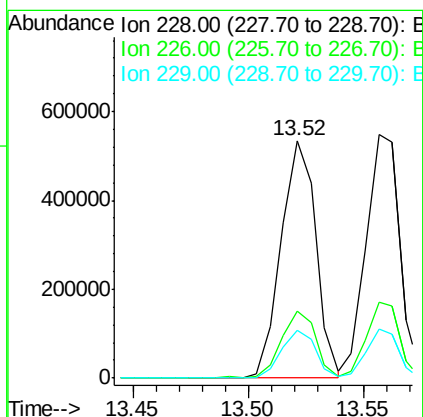
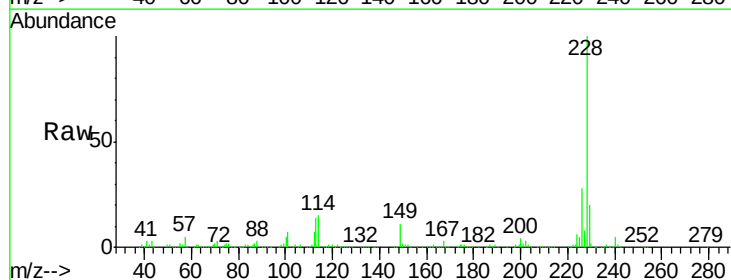
Instrument :
BNA_F
ClientSampled :

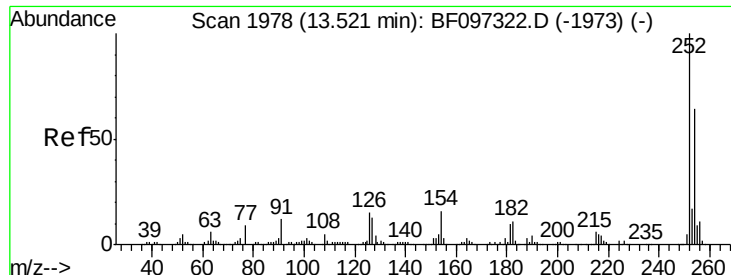
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.4	45.0	67.4#
206	17.7	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.89 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	16.3	24.5

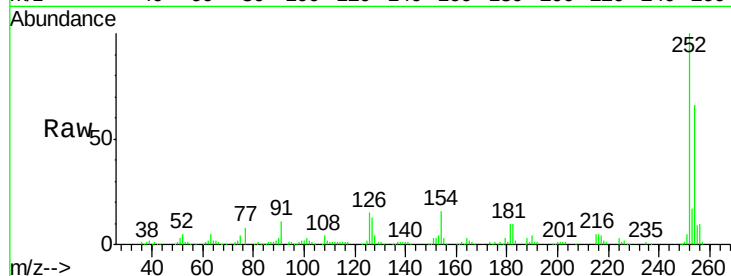




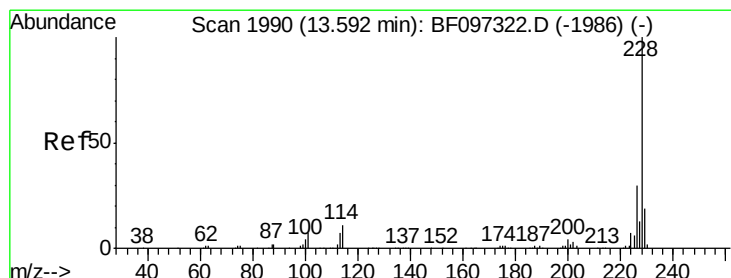
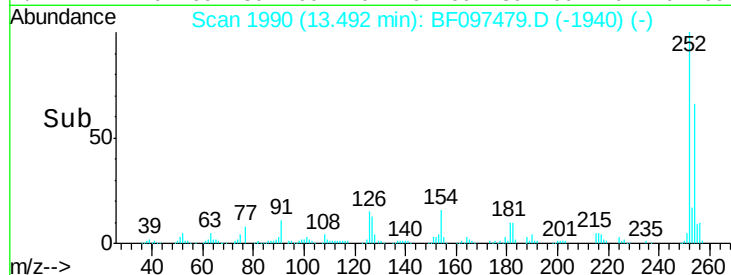
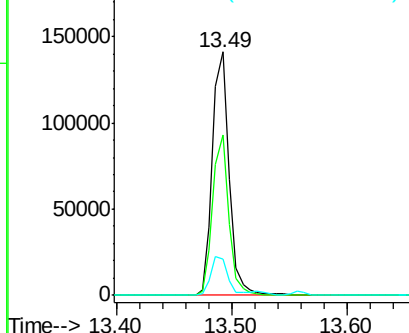
#81
 3,3'-Dichlorobenzidine
 Concen: 29.82 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 142670
 Ion Ratio Lower Upper
 252 100
 254 65.9 51.5 77.3
 126 14.8 15.8 23.8#

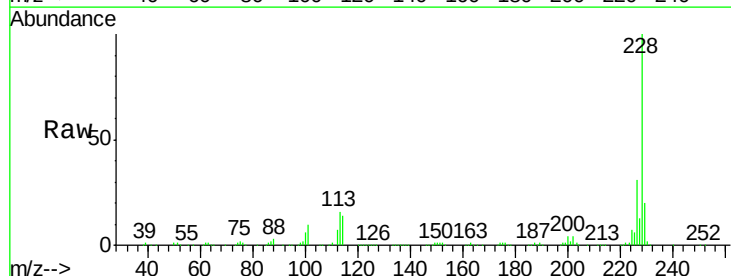


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

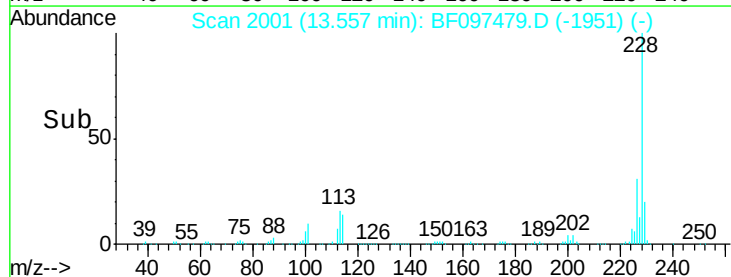
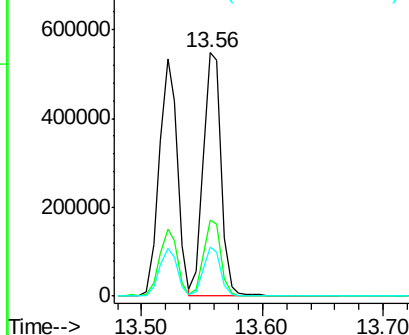


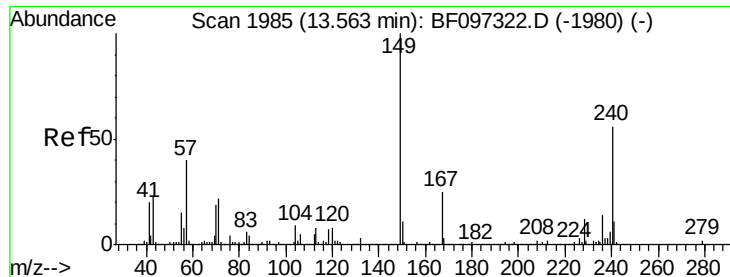
#82
 Chrysene
 Concen: 45.45 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:228 Resp: 563024
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.1 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: 39.76 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampled :

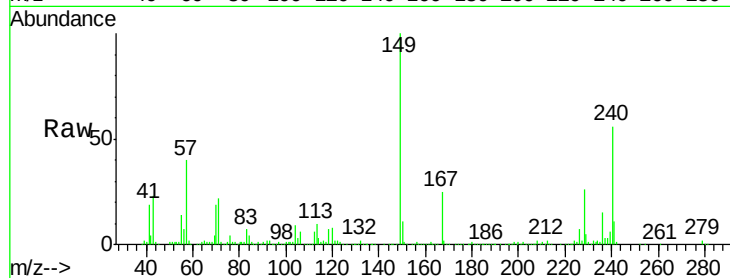
Tot Ion:149 Resp: 423851

Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.4

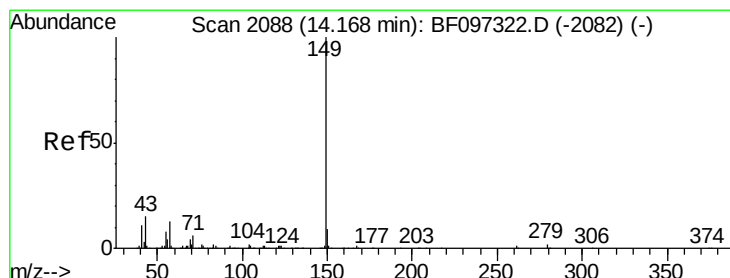
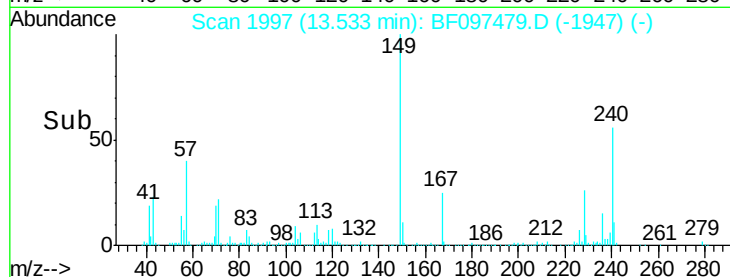
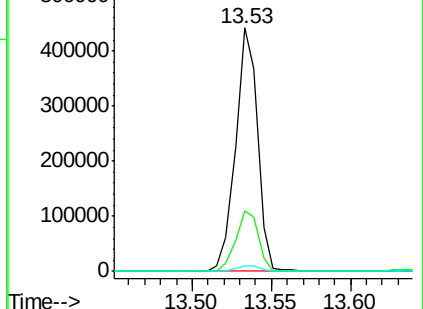
279 2.4 1.9 2.9



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: 39.61 ng

RT: 14.14 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

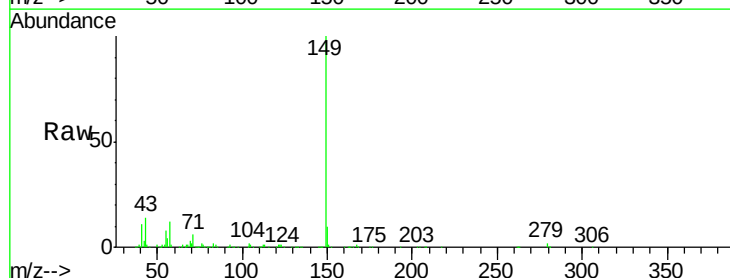
Tgt Ion:149 Resp: 775013

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

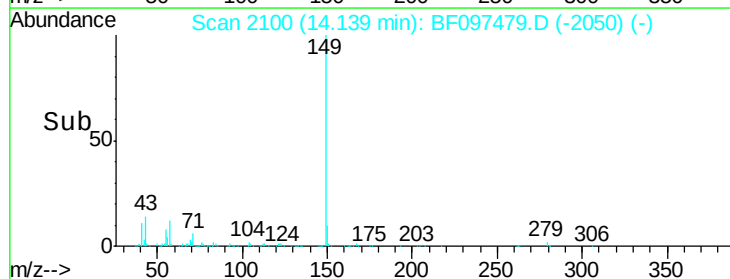
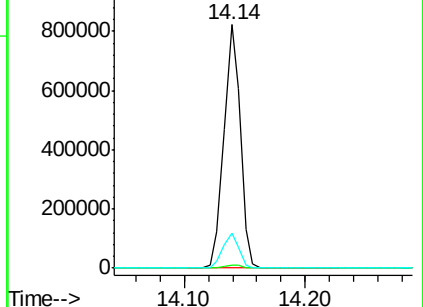
43 14.0 8.5 12.7#

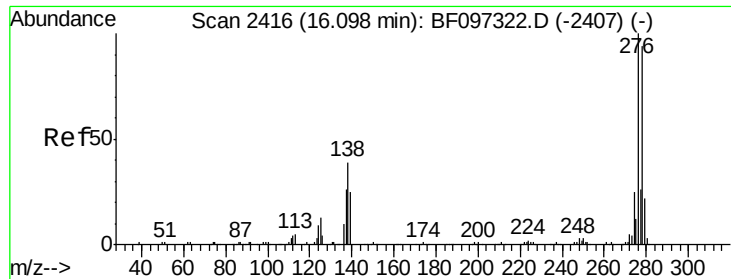


Abundance Ion 149.00 (148.70 to 149.70): E

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: 43.62 ng

RT: 16.06 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

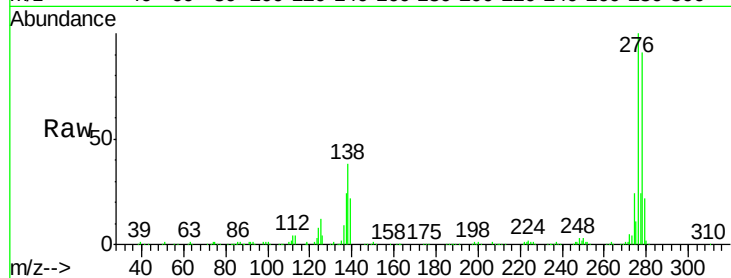
Tot Ion:276 Resp: 463346

Ion Ratio Lower Upper

276 100

138 37.3 27.8 41.6

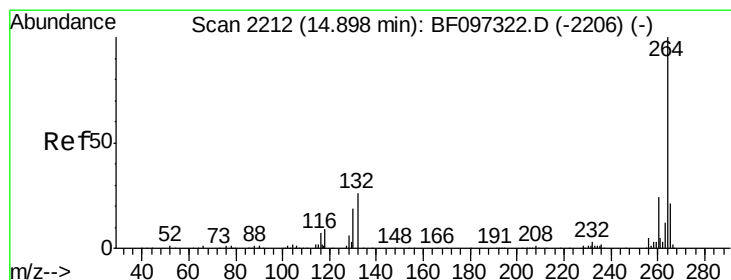
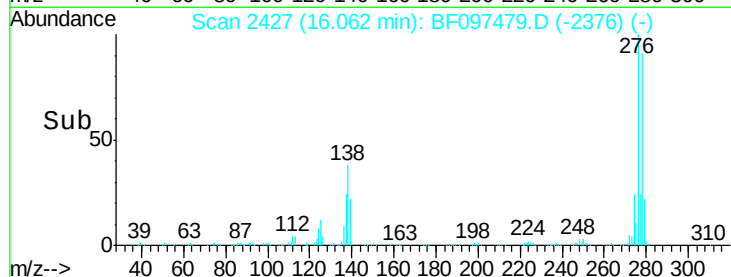
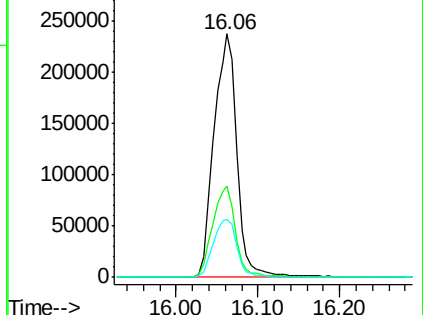
277 24.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

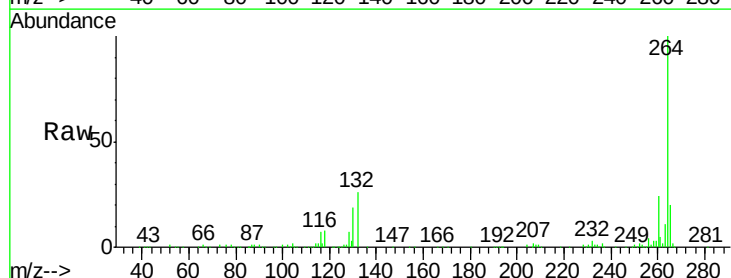
Tgt Ion:264 Resp: 192377

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

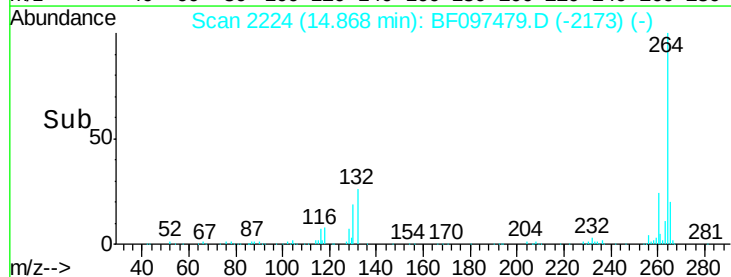
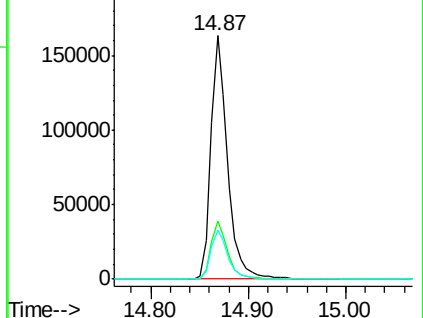
265 20.4 17.2 25.8

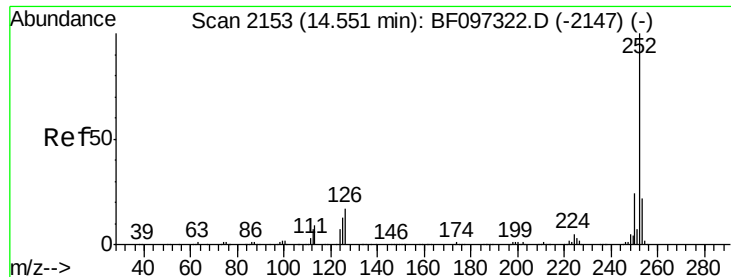


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

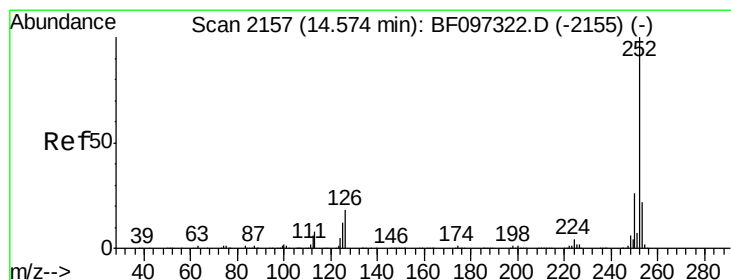
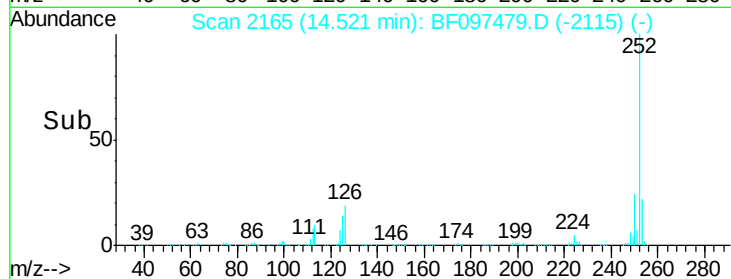
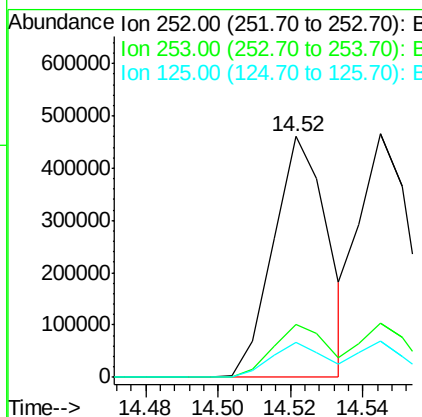
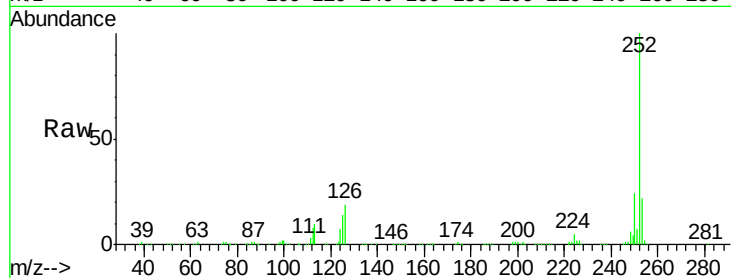




#87
Benzo(b)fluoranthene
Concen: 41.48 ng
RT: 14.52 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

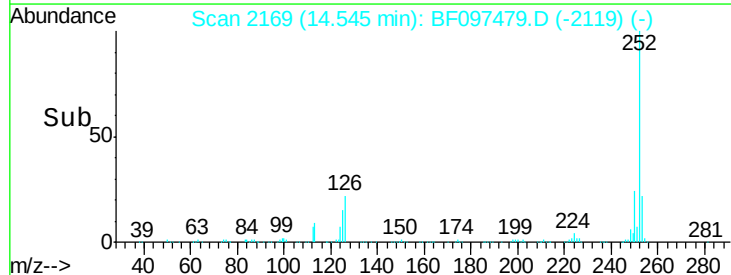
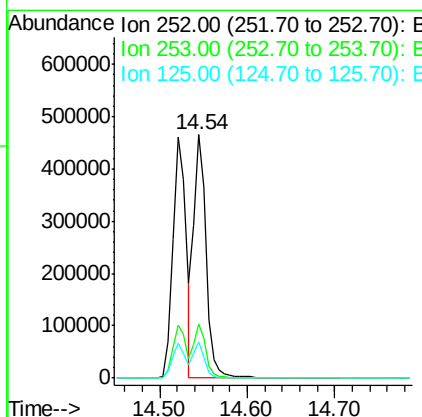
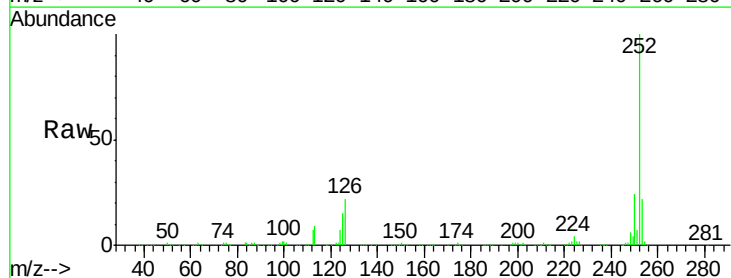
Instrument :
BNA_F
ClientSampleId :

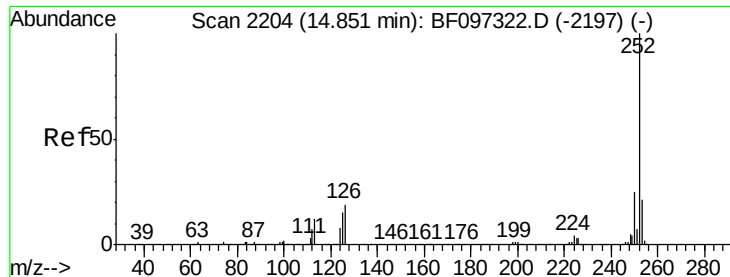
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.4	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 42.33 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	15.0	13.1	19.7

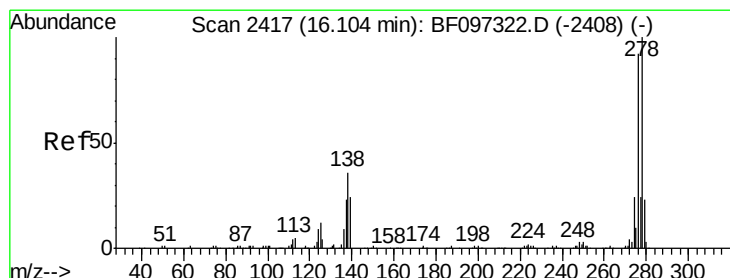
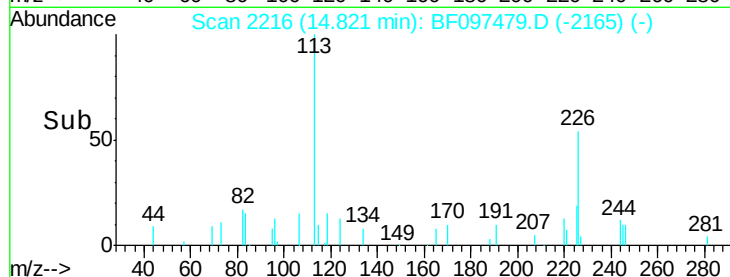
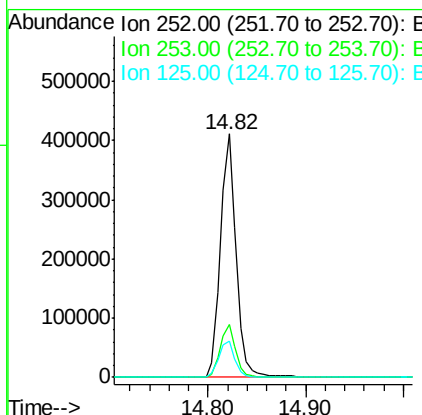
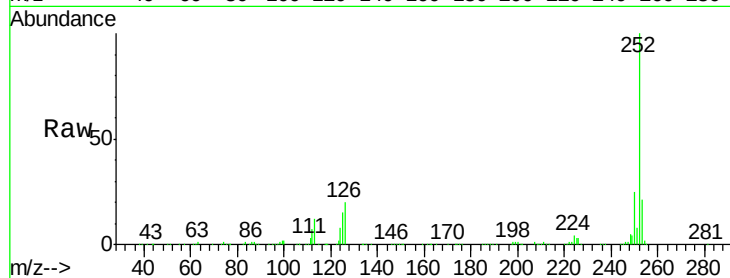




#89
Benzo(a)pyrene
Concen: 43.62 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

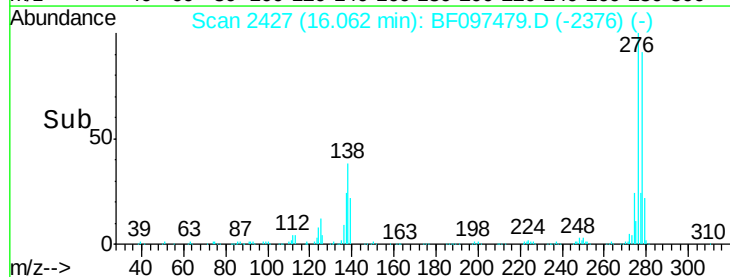
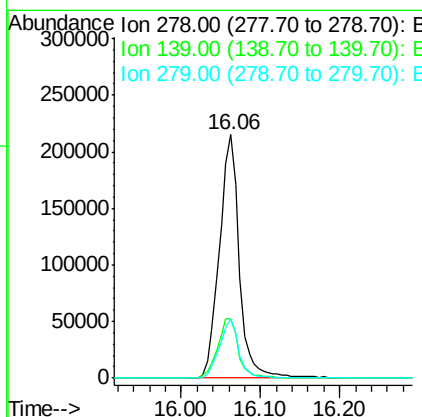
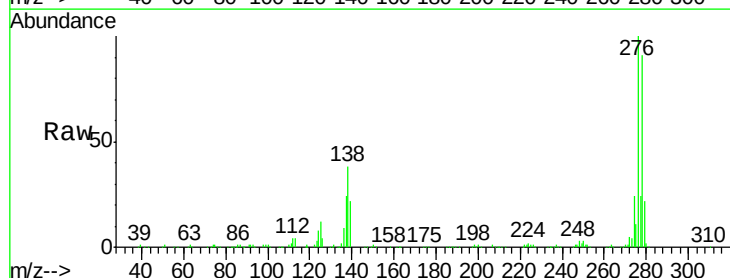
Instrument :
BNA_F
ClientSampleId :

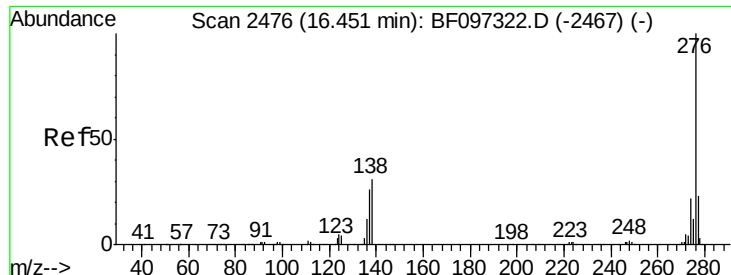
Tot Ion:252 Resp: 461647
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 15.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.16 ng
RT: 16.06 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion:278 Resp: 374612
Ion Ratio Lower Upper
278 100
139 24.4 16.6 24.8
279 24.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 45.31 ng

RT: 16.40 min Scan# 2485

Delta R.T. -0.01 min

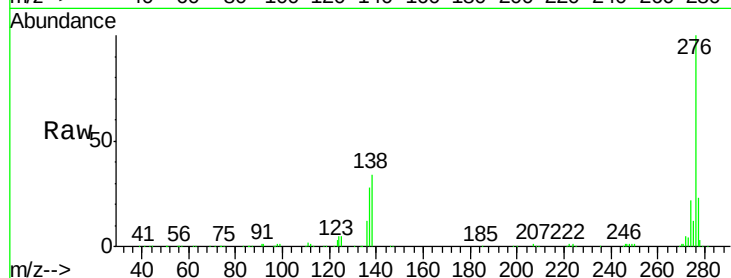
Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :



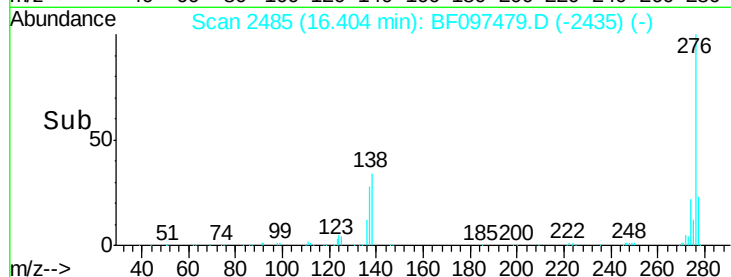
Tot Ion: 276 Resp: 412411

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 33.7 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

