

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097179.D
 Acq On : 29 Jul 2017 3:01
 Operator : SJ/JU
 Sample : I4456-14MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24MS

Quant Time: Jul 29 03:45:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	112074	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	384991	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	156581	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	215217	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	174806	20.00	ng	-0.01
86) Perylene-d12	14.96	264	136480	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	828024	111.38	ng	0.00
7) Phenol-d6	6.16	99	871314	102.66	ng	-0.01
23) Nitrobenzene-d5	7.06	82	548339	83.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	123352	99.71	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	832583	90.24	ng	-0.02
78) Terphenyl-d14	12.57	244	530338	61.86	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.05	88	97019	31.27	ng	# 74
3) Pyridine	2.67	79	268579	28.27	ng	# 65
4) n-Nitrosodimethylamine	2.62	42	185666	35.28	ng	# 83
6) Aniline	6.15	93	301000	28.18	ng	# 87
8) 2-Chlorophenol	6.28	128	270560	34.03	ng	# 95
9) Benzaldehyde	6.03	77	209343	41.67	ng	# 97
10) Phenol	6.17	94	361654	35.92	ng	# 96
11) bis(2-Chloroethyl)ether	6.23	93	280645	35.25	ng	# 89
12) 1,3-Dichlorobenzene	6.43	146	304367	35.53	ng	# 97
13) 1,4-Dichlorobenzene	6.43	146	304367	35.85	ng	# 94
14) 1,2-Dichlorobenzene	6.66	146	241085	32.52	ng	# 97
15) Benzyl Alcohol	6.65	79	189470	35.26	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.78	45	542339	33.96	ng	# 74
17) 2-Methylphenol	6.77	107	203833	33.22	ng	# 90
18) Hexachloroethane	7.00	117	92795	29.88	ng	# 82
19) n-Nitroso-di-n-propylamine	6.92	70	190166	34.04	ng	# 84
20) 3+4-Methylphenols	6.93	107	290324	36.23	ng	# 64
22) Acetophenone	6.91	105	373367	40.38	ng	# 95
24) Nitrobenzene	7.08	77	264890	38.76	ng	# 90
25) Isophorone	7.32	82	459506	35.75	ng	# 96
26) 2-Nitrophenol	7.40	139	117576	31.80	ng	# 94
27) 2,4-Dimethylphenol	7.45	122	221645	36.34	ng	# 98
28) bis(2-Chloroethoxy)methane	7.54	93	327906	39.10	ng	# 98
29) 2,4-Dichlorophenol	7.65	162	198052	37.69	ng	# 98
30) 1,2,4-Trichlorobenzene	7.72	180	183564	36.65	ng	# 98
31) Naphthalene	7.79	128	679154	37.42	ng	# 99
32) Benzoic acid	7.56	122	14476	3.18	ng	# 90
33) 4-Chloroaniline	7.85	127	206186	27.92	ng	# 98
34) Hexachlorobutadiene	7.92	225	108356	40.81	ng	# 96
35) Caprolactam	8.22	113	67022	39.78	ng	# 54
36) 4-Chloro-3-methylphenol	8.36	107	219371	38.26	ng	# 90
37) 2-Methylnaphthalene	8.49	142	490884	42.72	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	169797	40.64	ng	# 100
40) Hexachlorocyclopentadiene	8.64	237	5999	10.36	ng	# 85

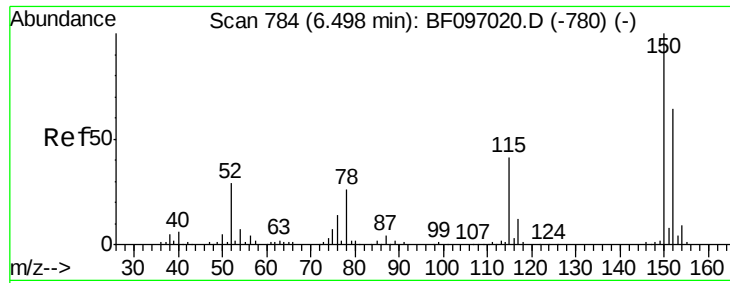
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	114894	37.95	nq	96
43) 2,4,5-Trichlorophenol	8.82	196	119180	39.33	nq	97
45) 1,1'-Biphenyl	8.95	154	516327	38.61	nq	98
46) 2-Chloronaphthalene	8.97	162	392284	39.86	nq	# 92
47) 2-Nitroaniline	9.07	65	158976	44.51	nq	94
48) Acenaphthylene	9.38	152	573454	37.96	nq	99
49) Dimethylphthalate	9.26	163	668701	56.24	nq	99
50) 2,6-Dinitrotoluene	9.32	165	92456	36.66	nq	# 78
51) Acenaphthene	9.55	154	333912	37.53	nq	100
52) 3-Nitroaniline	9.48	138	120131	38.38	nq	97
54) Dibenzofuran	9.72	168	477267	40.27	nq	98
55) 4-Nitrophenol	9.67	139	119931	64.43	nq	# 70
56) 2,4-Dinitrotoluene	9.72	165	94012	32.43	nq	# 45
57) Fluorene	10.06	166	338118	37.96	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	78196	37.37	nq	100
59) Diethylphthalate	9.95	149	431546	39.56	nq	98
60) 4-Chlorophenyl-phenylether	10.06	204	146418	39.80	nq	96
61) 4-Nitroaniline	10.09	138	114869	38.62	nq	90
62) Azobenzene	10.22	77	399979	39.52	nq	92
64) 4,6-Dinitro-2-methylphenol	10.14	198	4306	3.22	nq	91
65) n-Nitrosodiphenylamine	10.18	169	322074	43.01	nq	99
66) 4-Bromophenyl-phenylether	10.55	248	86213	40.14	nq	96
67) Hexachlorobenzene	10.61	284	83444	34.65	nq	# 86
68) Atrazine	10.71	200	80078	37.29	nq	95
69) Pentachlorophenol	10.81	266	70208	70.45	nq	95
70) Phenanthrene	11.02	178	476757	41.34	nq	99
71) Anthracene	11.07	178	463111	39.21	nq	98
72) Carbazole	11.23	167	451692	38.89	nq	98
73) Di-n-butylphthalate	11.57	149	554498	38.62	nq	98
74) Fluoranthene	12.20	202	529811	46.90	nq	98
76) Benzidine	12.33	184	294318	45.38	nq	# 92
77) Pyrene	12.42	202	534655	37.36	nq	98
79) Butylbenzylphthalate	13.05	149	247838	34.05	nq	# 77
80) Benzo(a)anthracene	13.61	228	429210	37.95	nq	98
81) 3,3'-Dichlorobenzidine	13.57	252	146453	34.34	nq	# 97
82) Chrysene	13.64	228	417913	37.84	nq	98
83) Bis(2-ethylhexyl)phthalate	13.62	149	327460	34.45	nq	100
84) Di-n-octyl phthalate	14.23	149	610222	34.99	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.19	276	261789	27.64	nq	98
87) Benzo(b)fluoranthene	14.61	252	373214	45.49	nq	98
88) Benzo(k)fluoranthene	14.61	252	373214	47.74	nq	95
89) Benzo(a)pyrene	14.92	252	293042	39.03	nq	99
90) Dibenzo(a,h)anthracene	16.20	278	212533	34.52	nq	95
91) Benzo(g,h,i)perylene	16.55	276	222362	34.44	nq	98

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

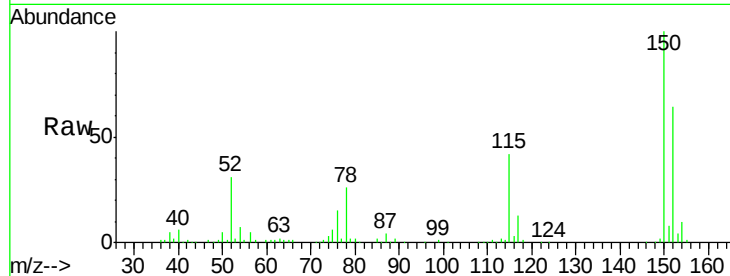


#1

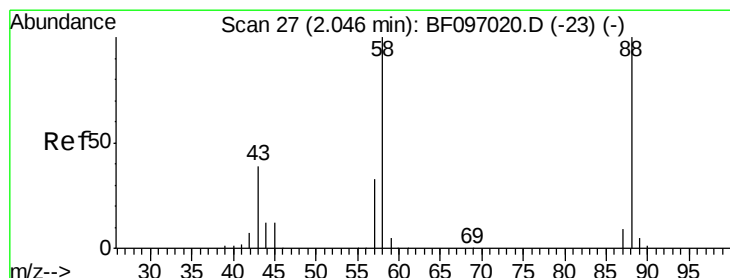
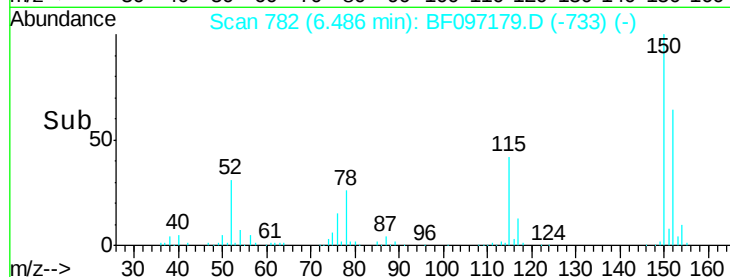
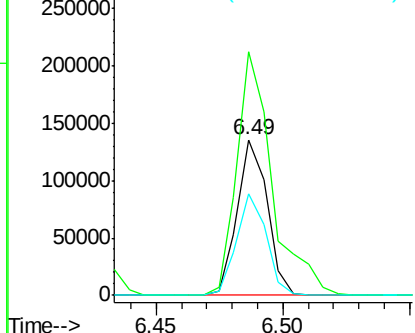
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

Tot Ion:152 Resp: 112074
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 65.6 52.2 78.2



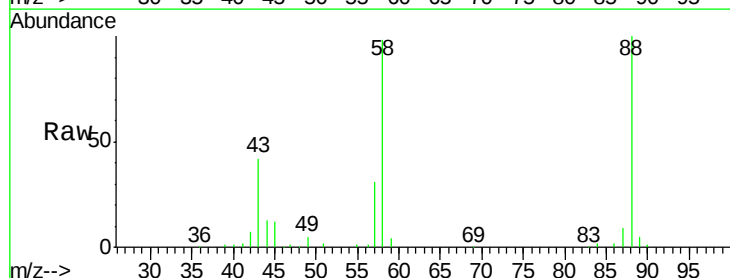
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



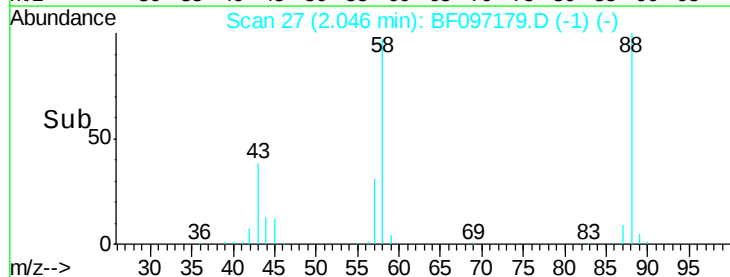
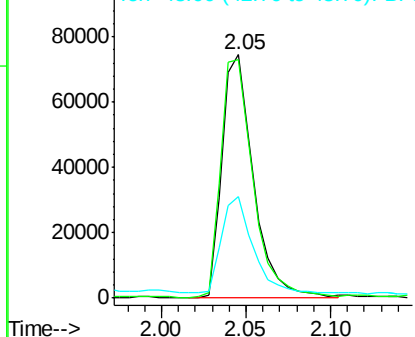
#2

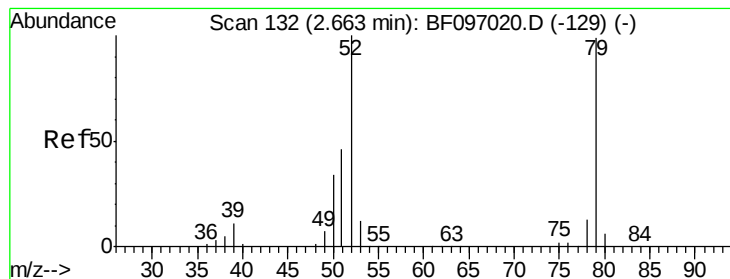
1,4-Dioxane
Concen: 31.27 ng
RT: 2.05 min Scan# 27
Delta R.T. -0.00 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion: 88 Resp: 97019
Ion Ratio Lower Upper
88 100
58 101.3 61.4 92.0#
43 39.3 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.27 ng

RT: 2.67 min Scan# 133

Delta R.T. 0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

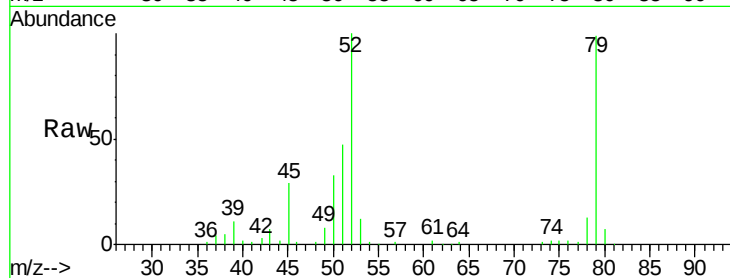
Tot Ion: 79 Resp: 268579

Ion Ratio Lower Upper

79 100

52 101.0 54.8 82.2#

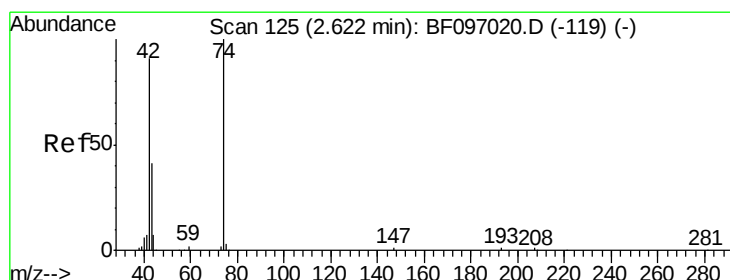
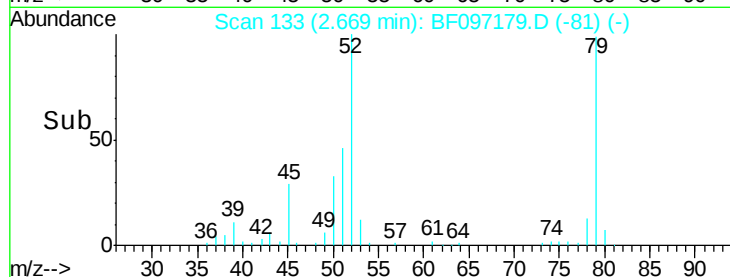
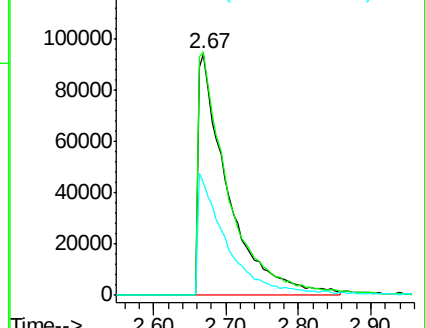
51 47.1 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.28 ng

RT: 2.62 min Scan# 124

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

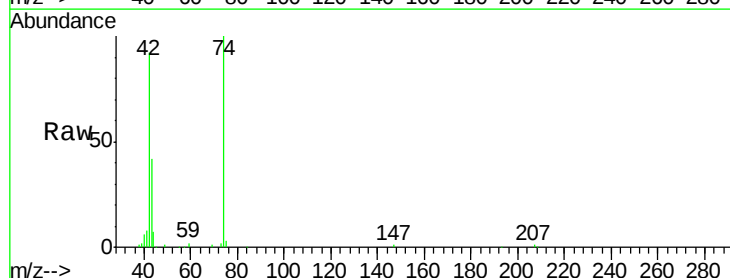
Tgt Ion: 42 Resp: 185666

Ion Ratio Lower Upper

42 100

74 108.7 103.9 155.9

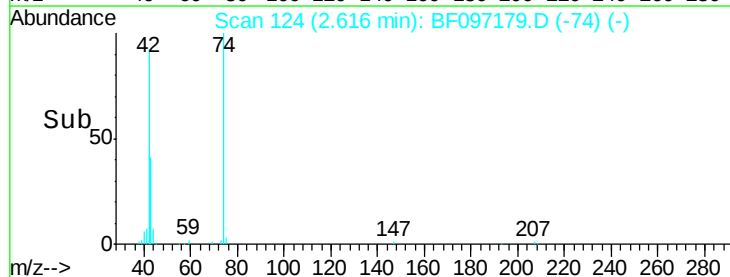
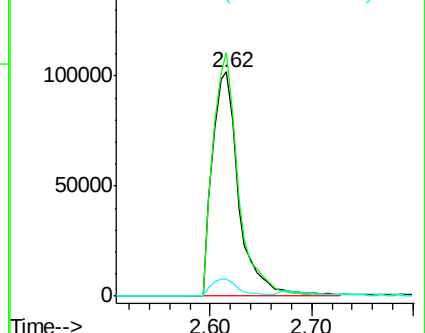
44 7.8 5.7 8.5

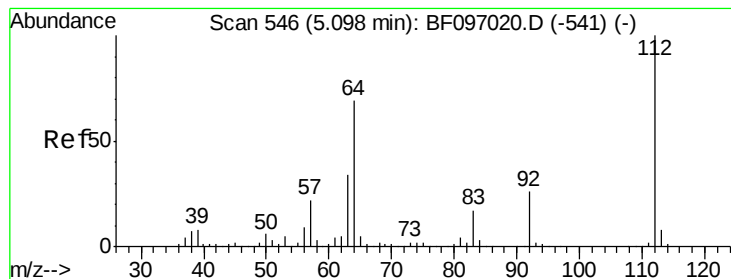


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.38 ng

RT: 5.09 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

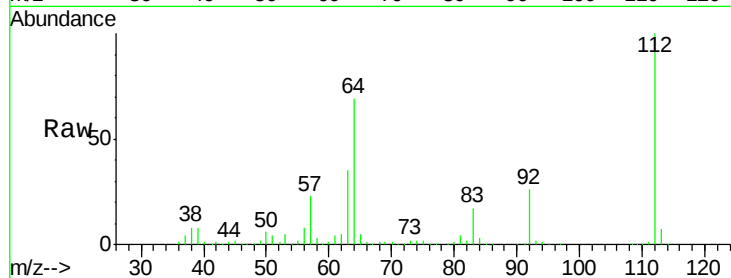
Tot Ion:112 Resp: 828024

Ion Ratio Lower Upper

112 100

64 69.0 46.0 69.0#

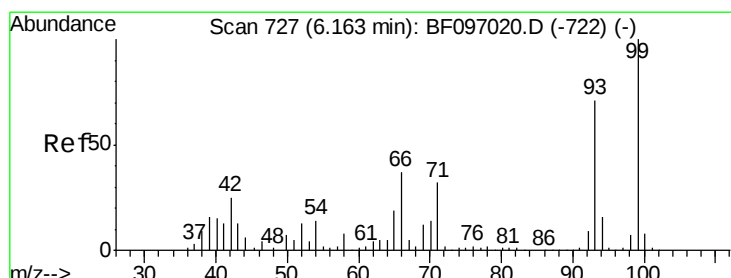
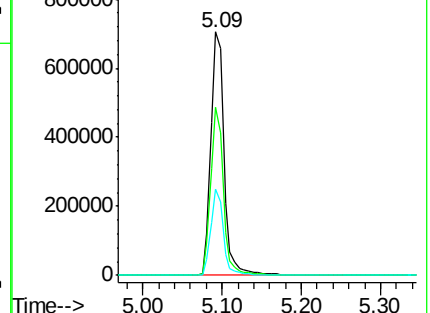
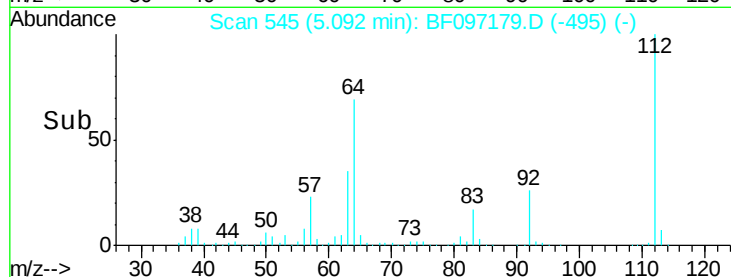
63 35.2 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.18 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

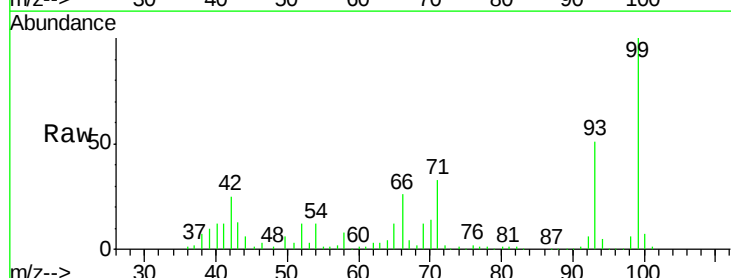
Tgt Ion: 93 Resp: 301000

Ion Ratio Lower Upper

93 100

66 50.9 32.9 49.3#

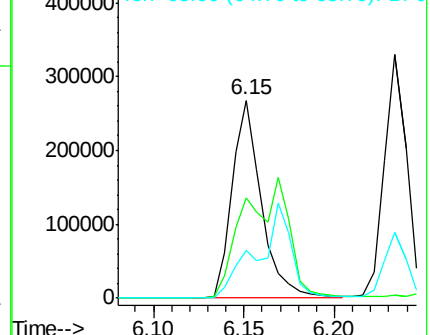
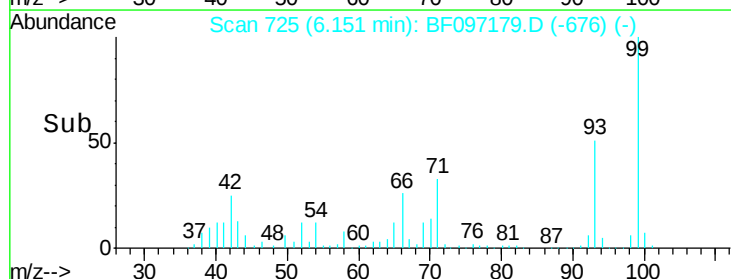
65 24.0 16.0 24.0#

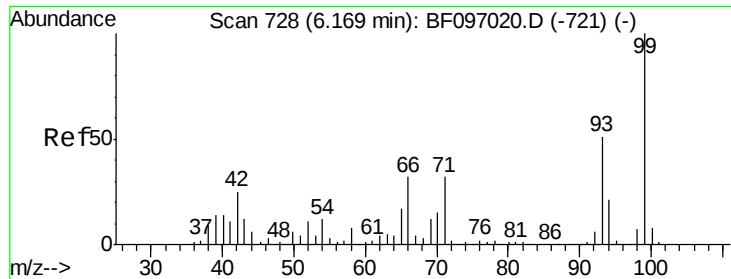


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.66 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

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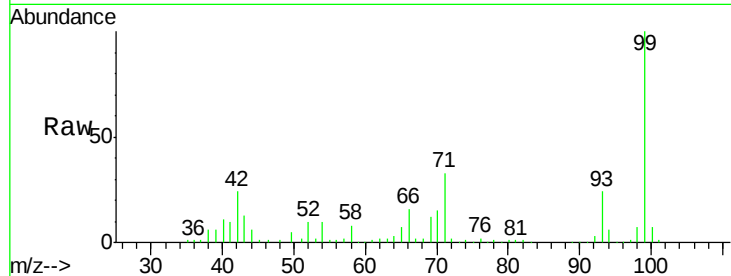
Tot Ion: 99 Resp: 871314

Ion Ratio Lower Upper

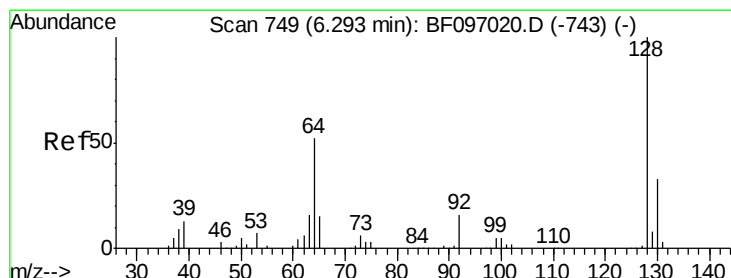
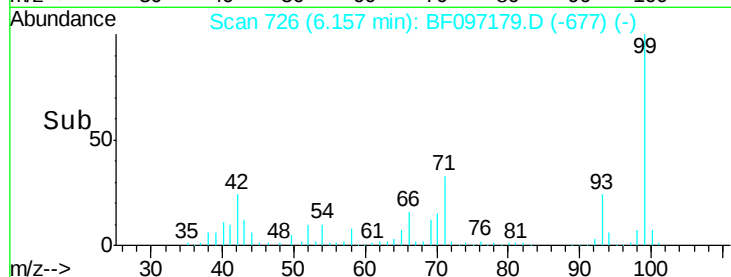
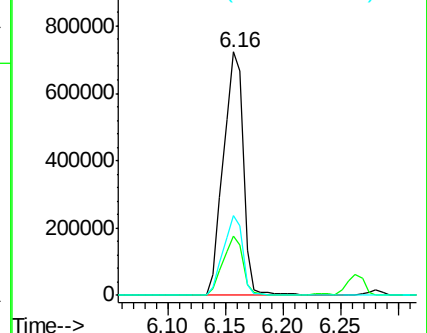
99 100

42 24.2 13.5 20.3#

71 32.9 24.5 36.7



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



#8

2-Chlorophenol

Concen: 34.03 ng

RT: 6.28 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

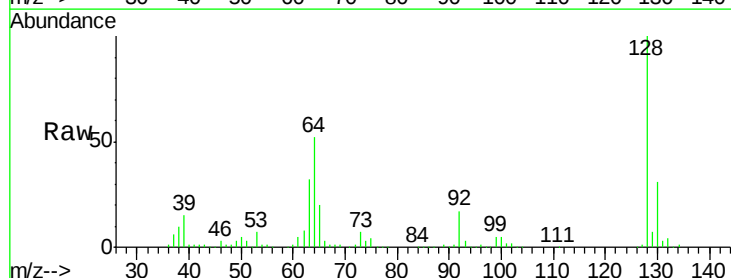
Tgt Ion: 128 Resp: 270560

Ion Ratio Lower Upper

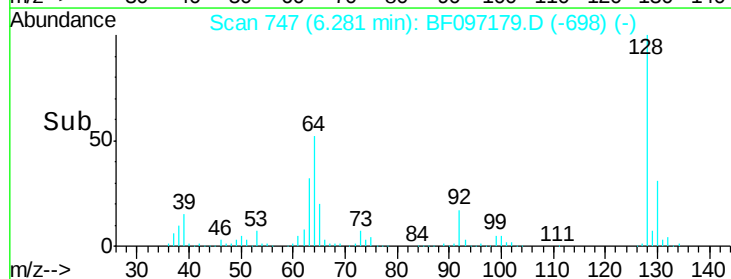
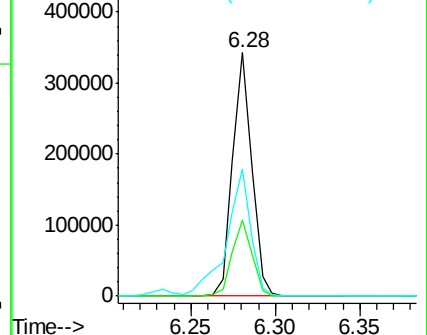
128 100

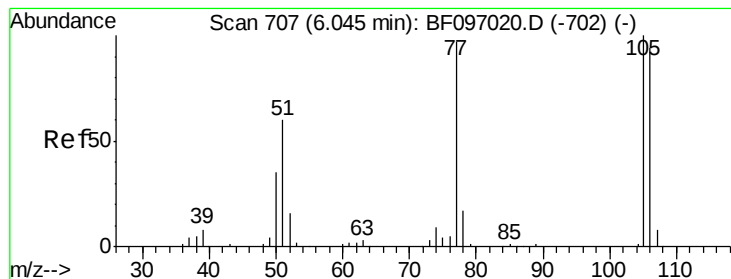
130 31.3 12.9 52.9

64 52.5 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: 41.67 ng

RT: 6.03 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

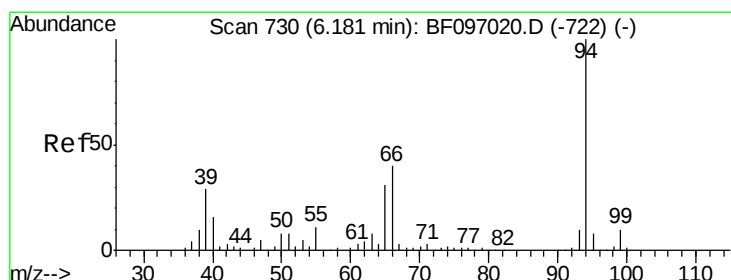
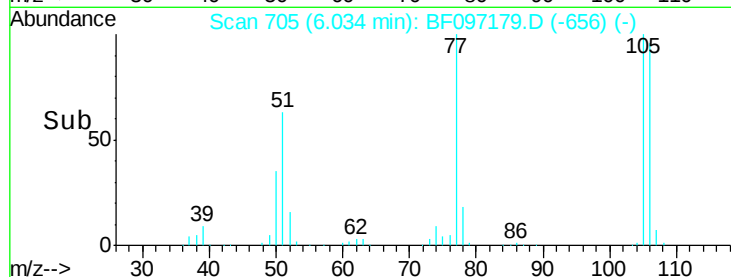
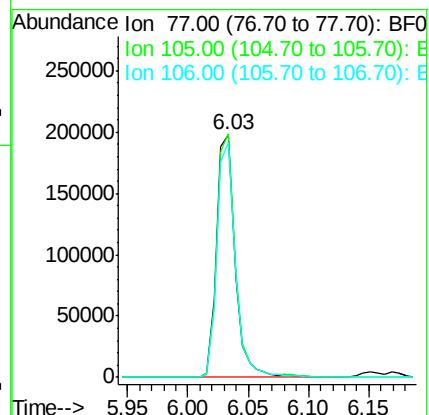
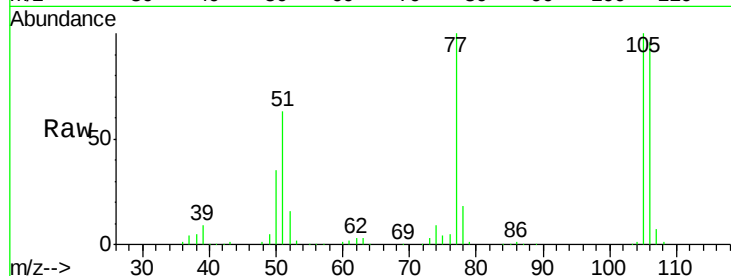
Tot Ion: 77 Resp: 209343

Ion Ratio Lower Upper

77 100

105 100.3 83.8 123.8

106 96.5 79.1 119.1



#10

Phenol

Concen: 35.92 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

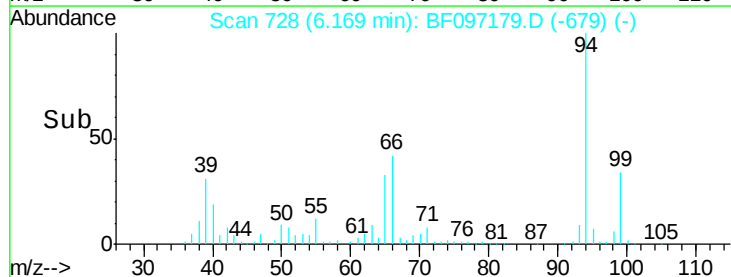
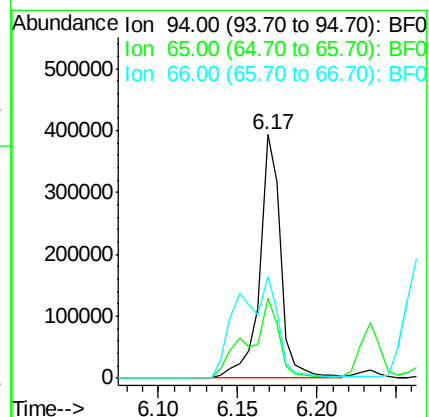
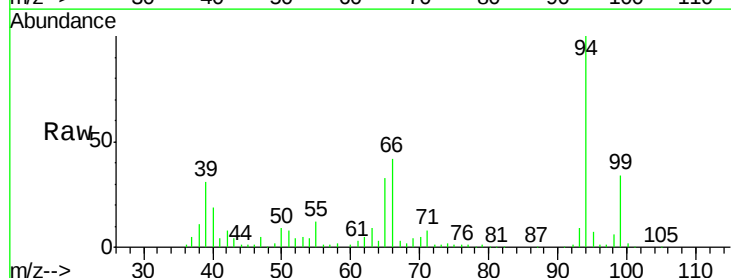
Tgt Ion: 94 Resp: 361654

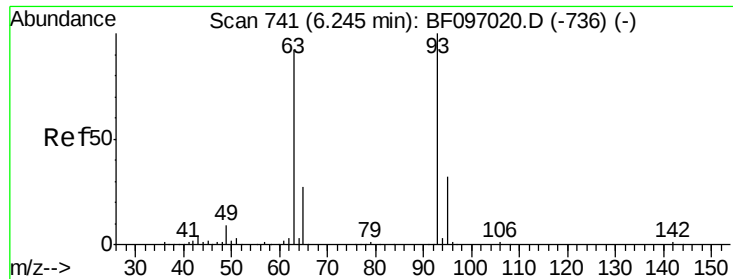
Ion Ratio Lower Upper

94 100

65 32.8 9.9 49.9

66 41.6 23.1 63.1

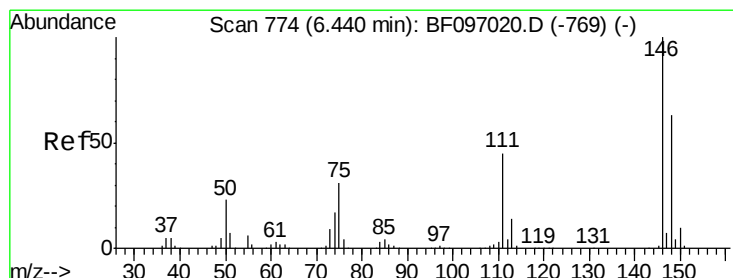
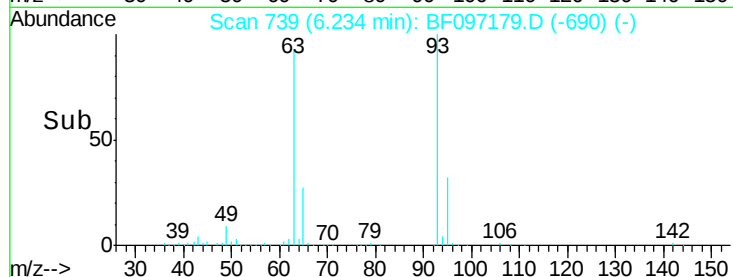
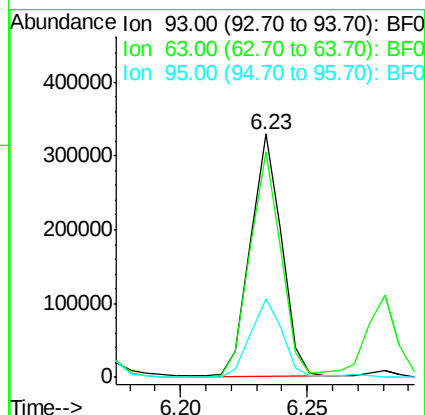
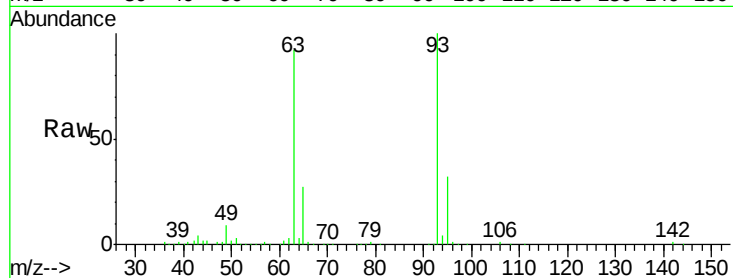




#11
bis(2-Chloroethyl)ether
Concen: 35.25 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

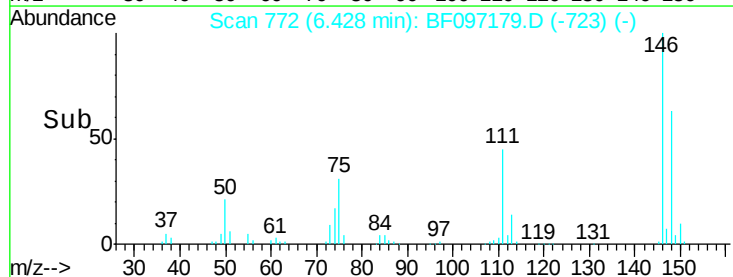
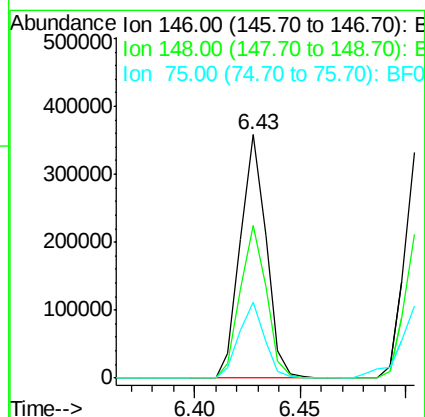
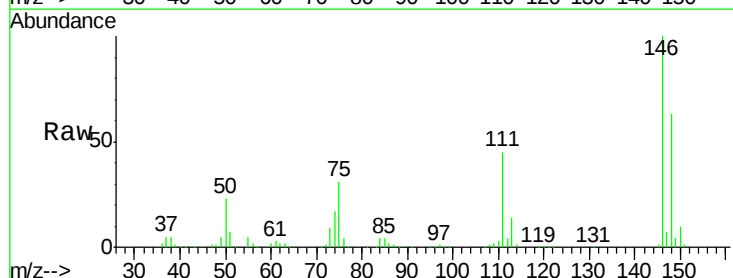
Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

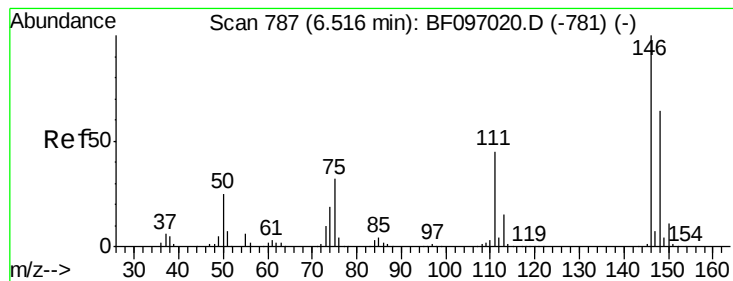
Tot Ion: 93 Resp: 280645
Ion Ratio Lower Upper
93 100
63 92.5 59.2 99.2
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.53 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion: 146 Resp: 304367
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.6
75 31.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 35.85 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.09 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

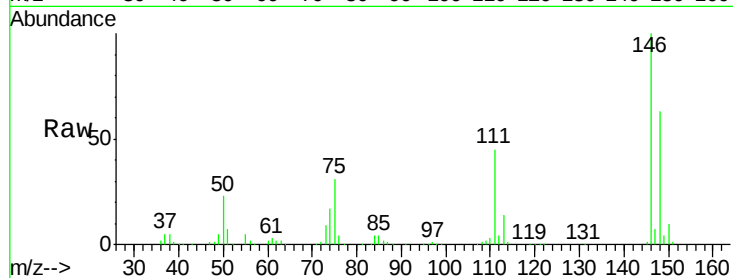
Tot Ion:146 Resp: 304367

Ion Ratio Lower Upper

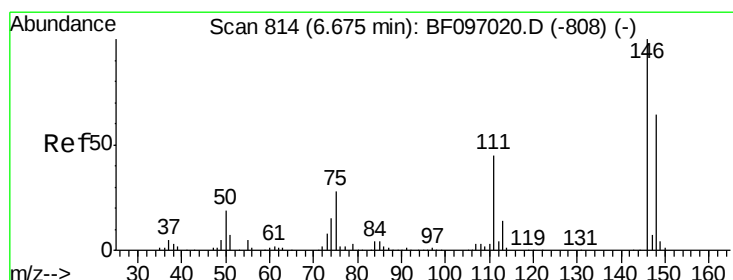
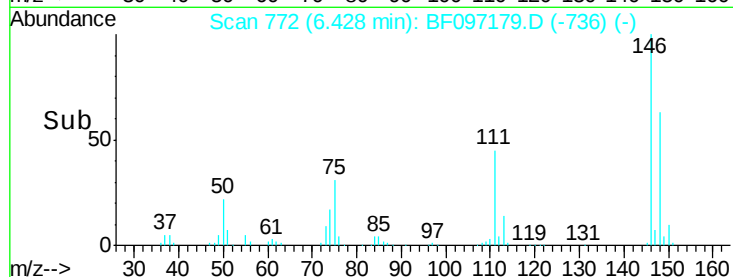
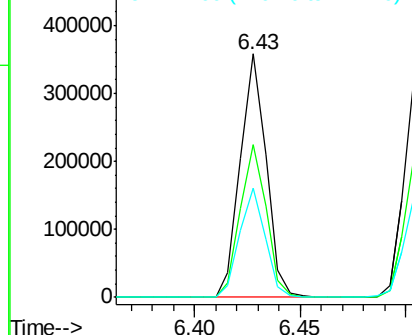
146 100

148 62.9 52.2 78.2

111 44.7 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.52 ng

RT: 6.66 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

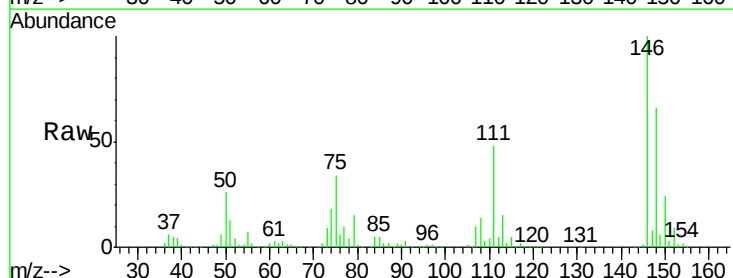
Tgt Ion:146 Resp: 241085

Ion Ratio Lower Upper

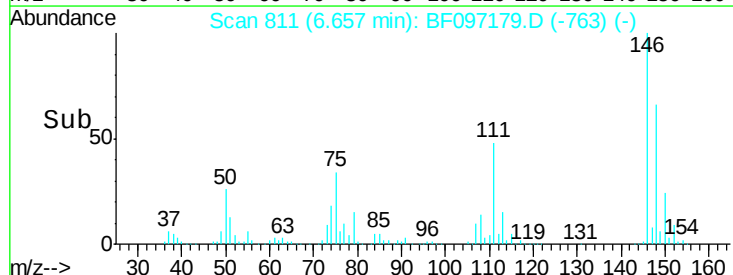
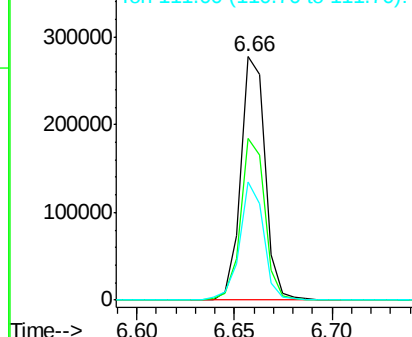
146 100

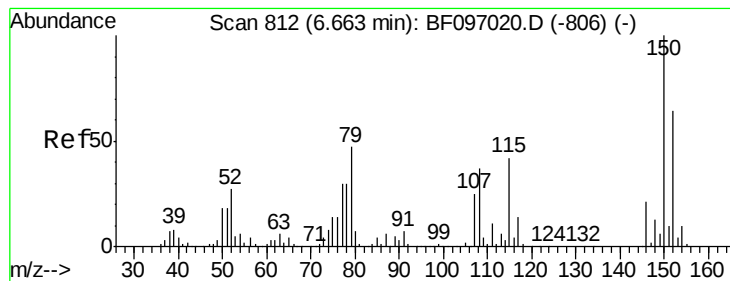
148 66.2 50.4 75.6

111 48.5 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.26 ng

RT: 6.65 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

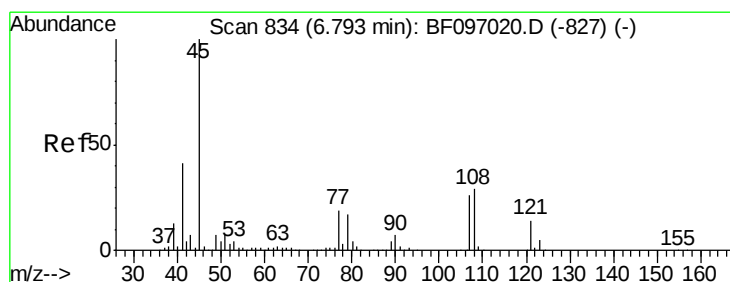
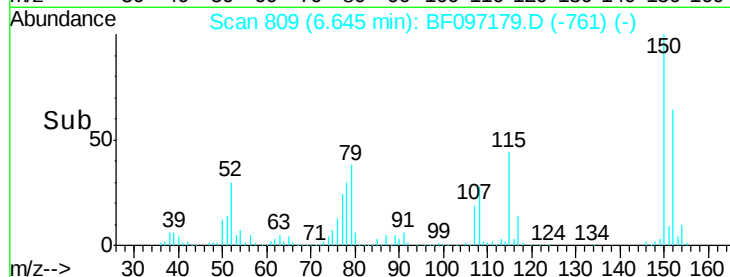
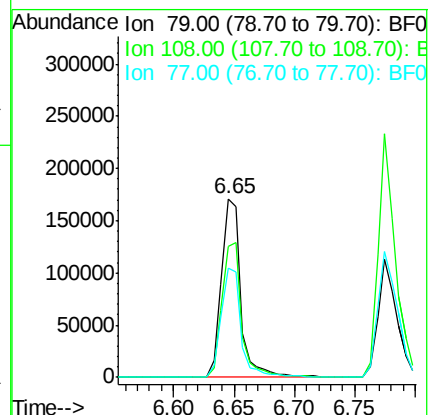
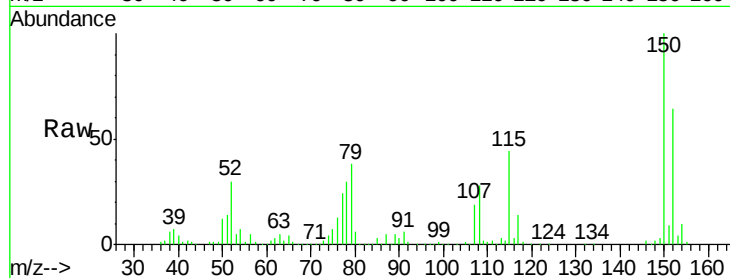
Tot Ion: 79 Resp: 189470

Ion Ratio Lower Upper

79 100

108 73.6 63.4 95.0

77 61.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.96 ng

RT: 6.78 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

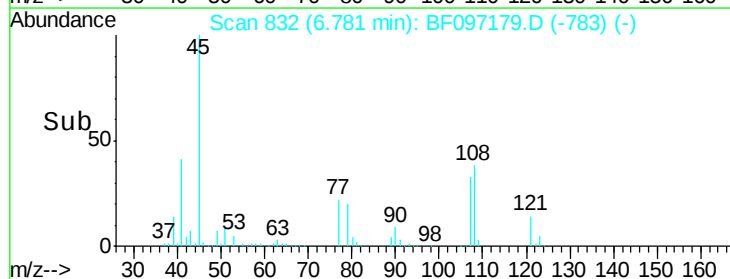
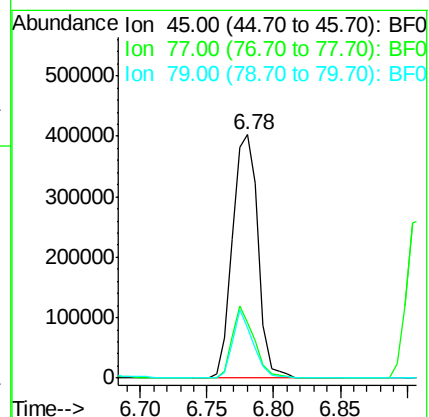
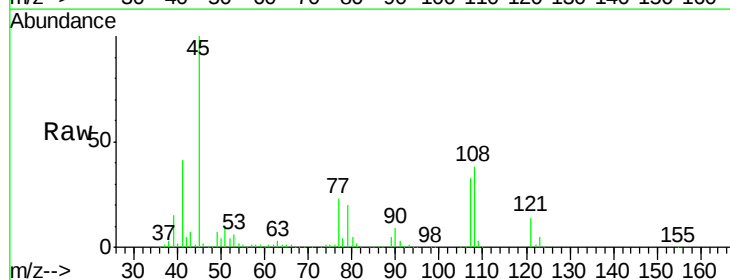
Tgt Ion: 45 Resp: 542339

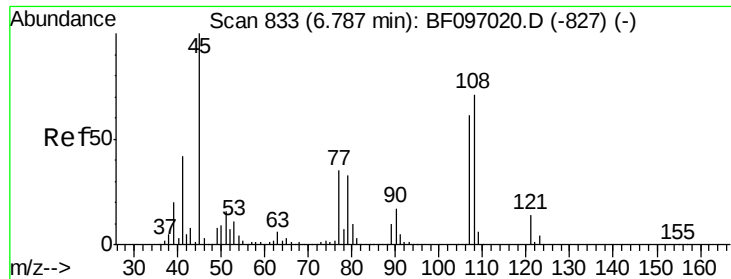
Ion Ratio Lower Upper

45 100

77 22.5 0.0 33.2

79 20.5 0.0 30.0





#17

2-Methylphenol

Concen: 33.22 ng

RT: 6.77 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

Tot Ion:107 Resp: 203833

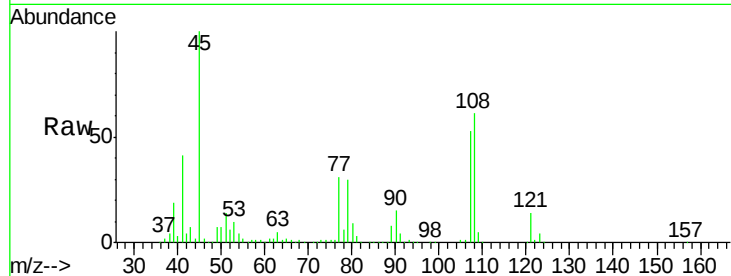
Ion Ratio Lower Upper

107 100

108 114.5 93.4 140.0

77 58.9 35.8 53.6#

79 55.6 34.8 52.2#

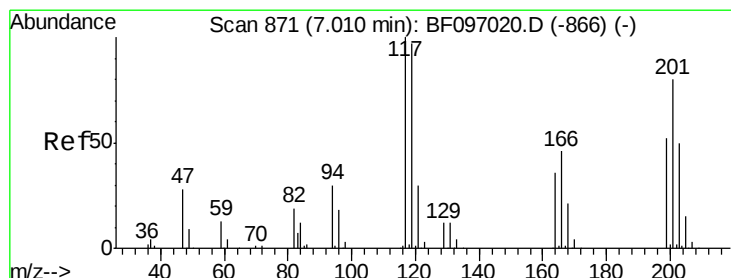
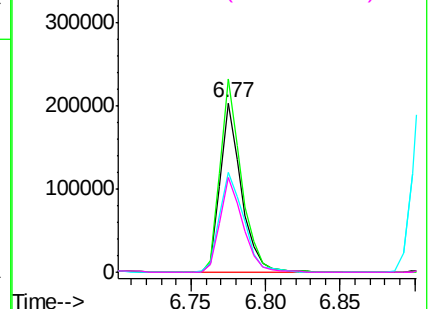
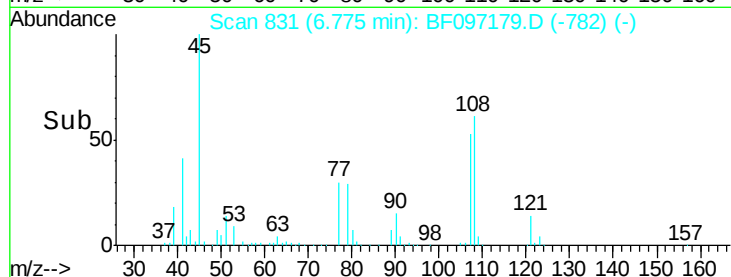


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.88 ng

RT: 7.00 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

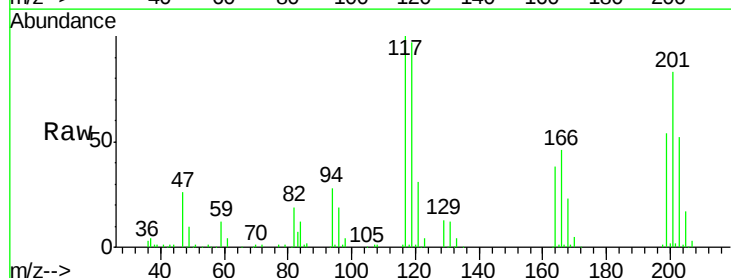
Tgt Ion:117 Resp: 92795

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

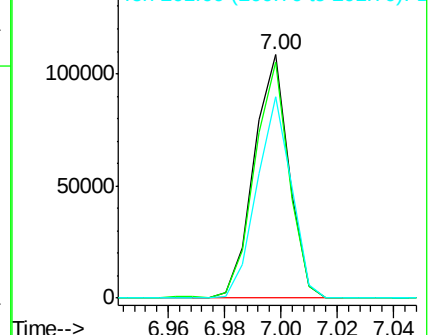
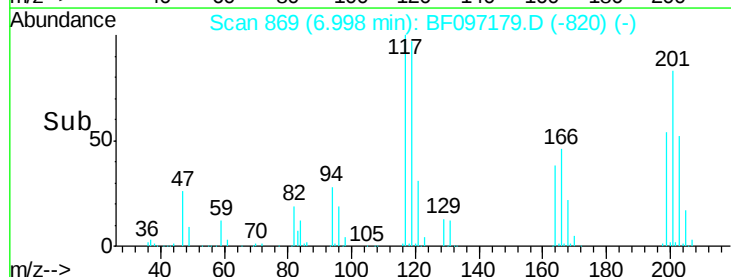
201 82.5 94.6 141.8#

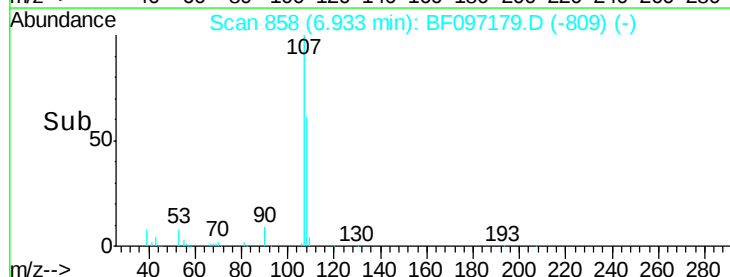
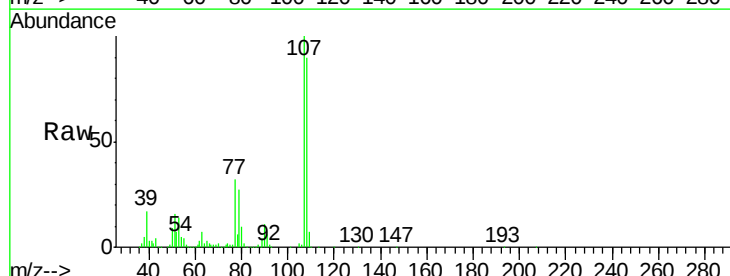
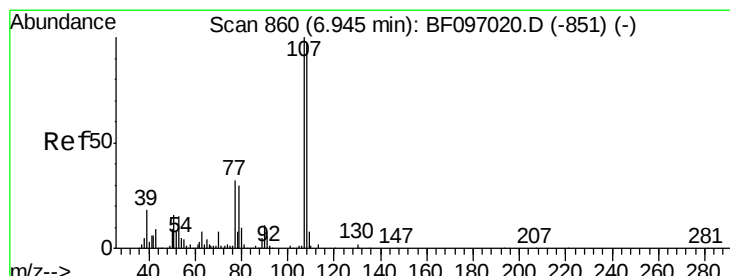
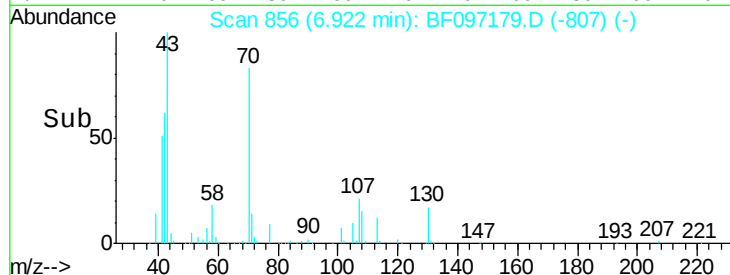
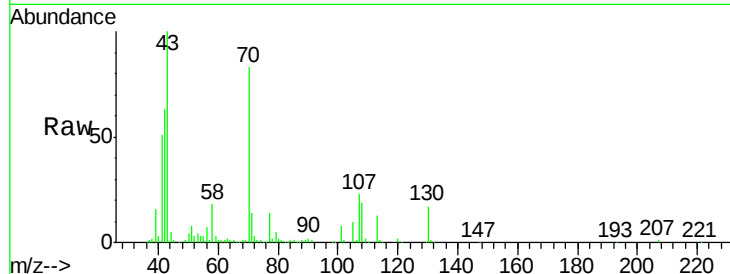
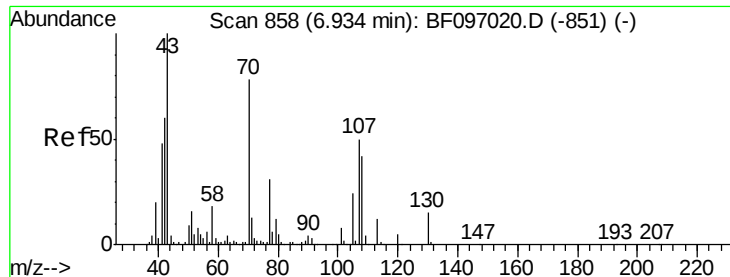


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

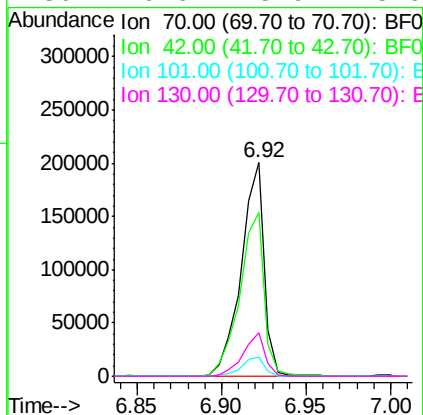




#19
n-Nitroso-di-n-propylamine
Concen: 34.04 ng
RT: 6.92 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

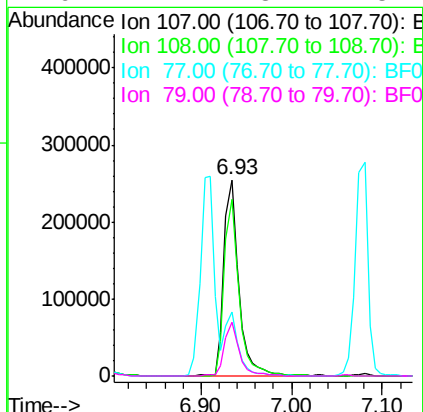
Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

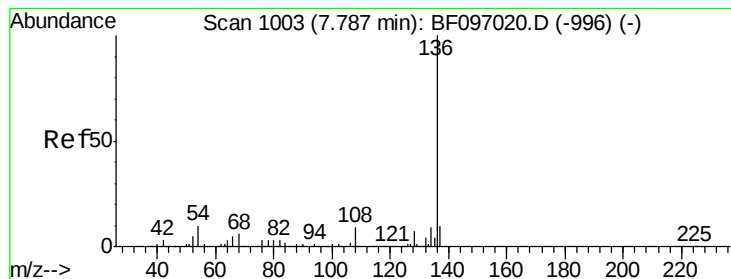
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	76.5	47.2	70.8	
101	9.2	7.2	10.8	
130	20.6	15.9	23.9	



#20
3+4-Methylphenols
Concen: 36.23 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	71.0	111.0	
77	32.4	90.5	130.5	
79	27.4	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

Tot Ion:136 Resp: 384991

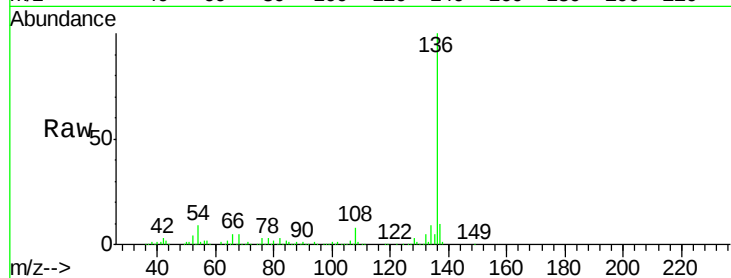
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 9.5 4.9 7.3#

68 4.7 4.1 6.1

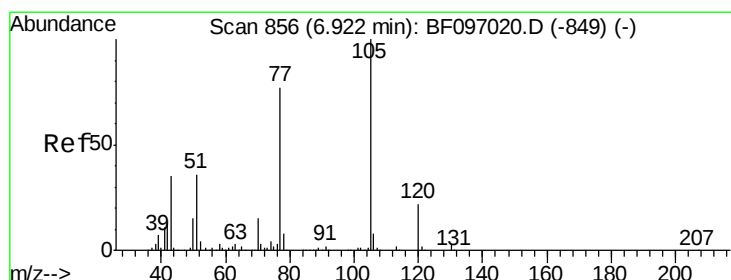
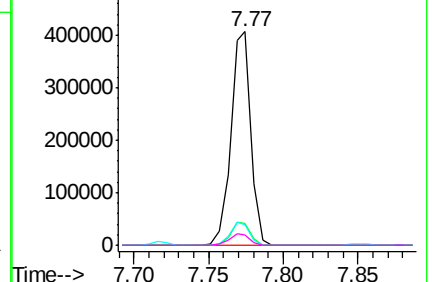
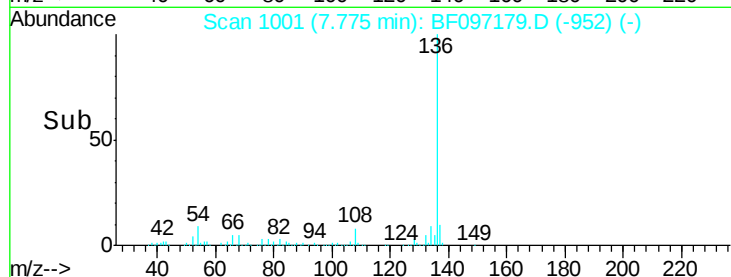


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.38 ng

RT: 6.91 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Tgt Ion:105 Resp: 373367

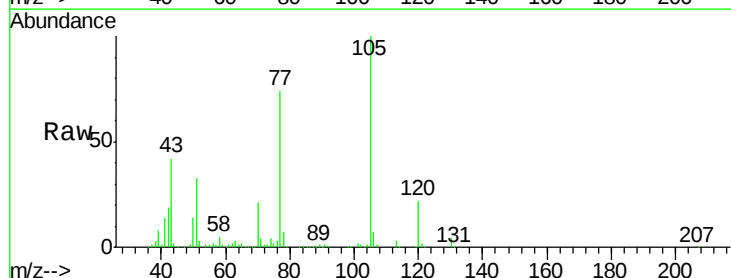
Ion Ratio Lower Upper

105 100

71 3.6 2.8 4.2

51 33.4 30.7 46.1

120 22.3 17.4 26.0

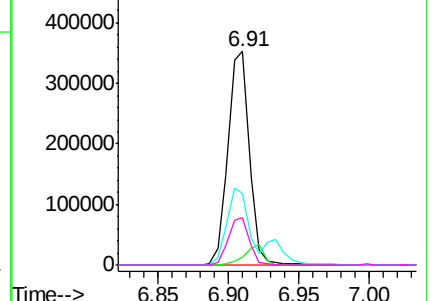
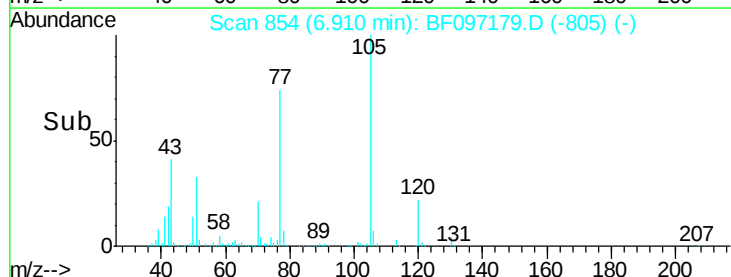


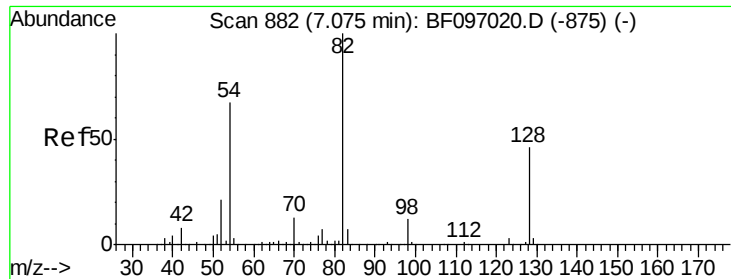
Abundance Ion 105.00 (104.70 to 105.70): E

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: 83.55 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

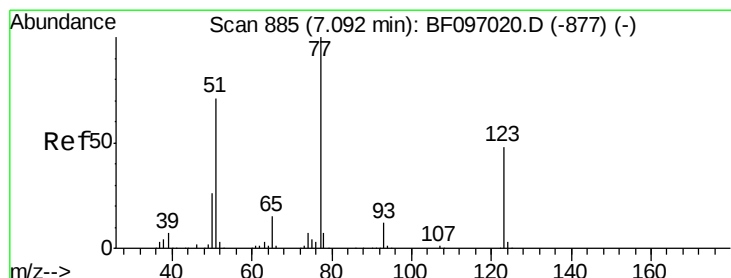
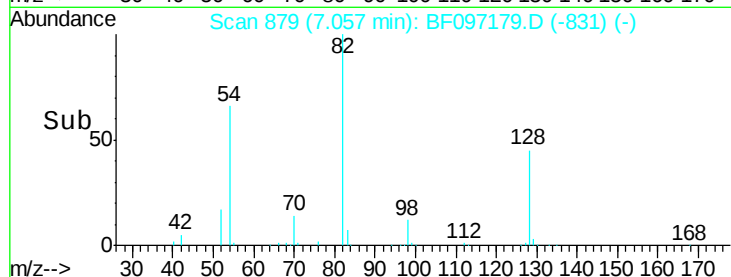
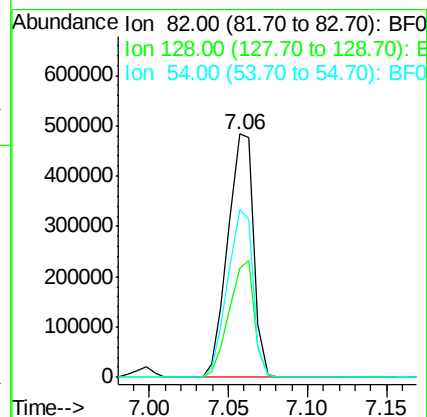
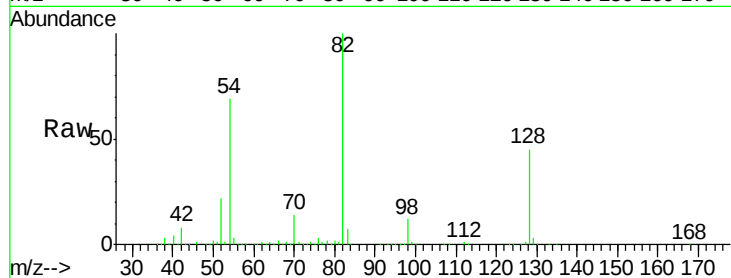
Tot Ion: 82 Resp: 548339

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

54 68.9 42.2 63.2#



#24

Nitrobenzene

Concen: 38.76 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

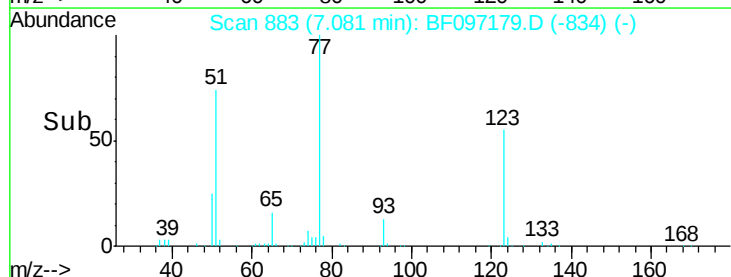
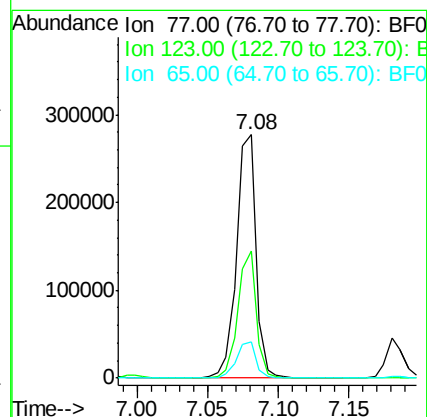
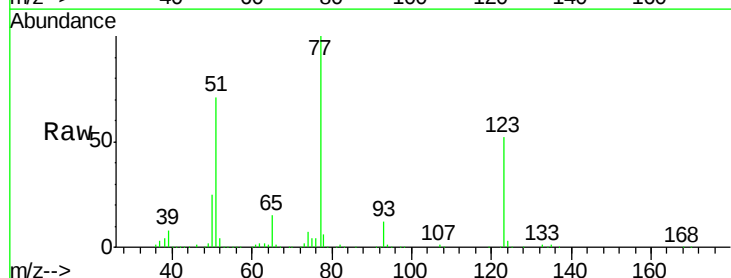
Tgt Ion: 77 Resp: 264890

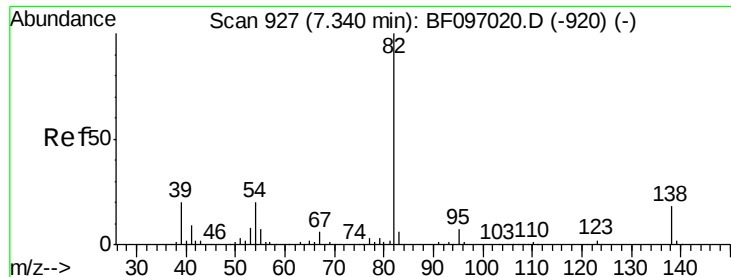
Ion Ratio Lower Upper

77 100

123 52.5 35.8 53.8

65 14.7 10.6 15.8





#25

Isophorone

Concen: 35.75 ng

RT: 7.32 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

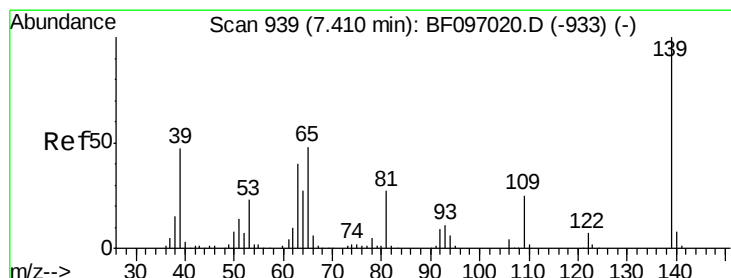
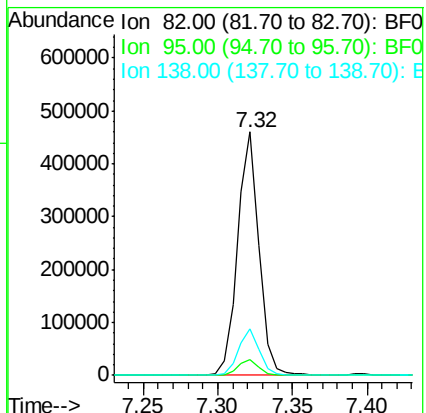
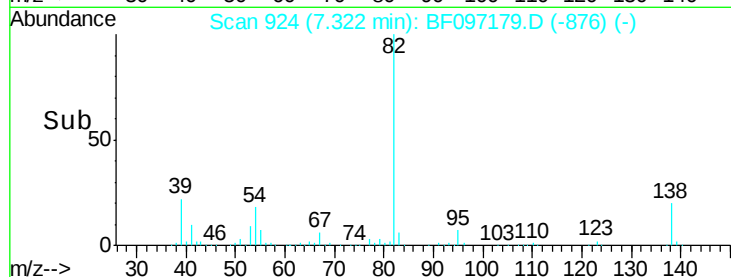
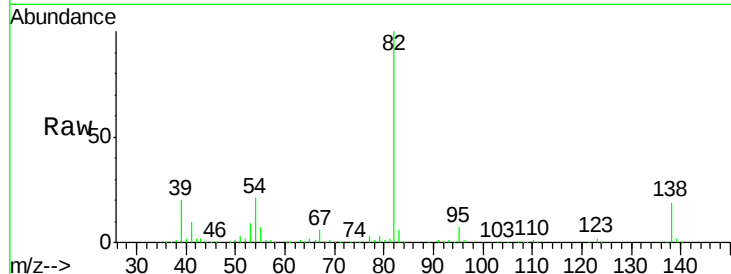
Tot Ion: 82 Resp: 459506

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 31.80 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

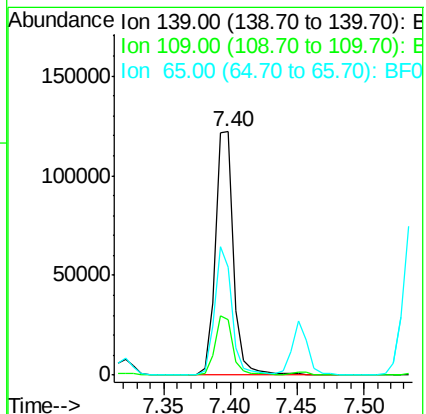
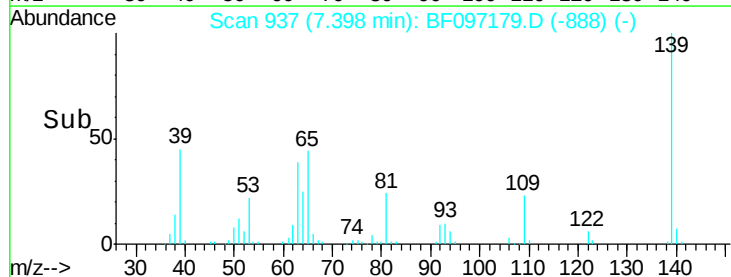
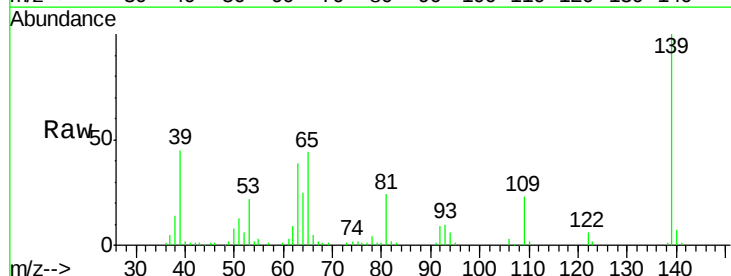
Tgt Ion: 139 Resp: 117576

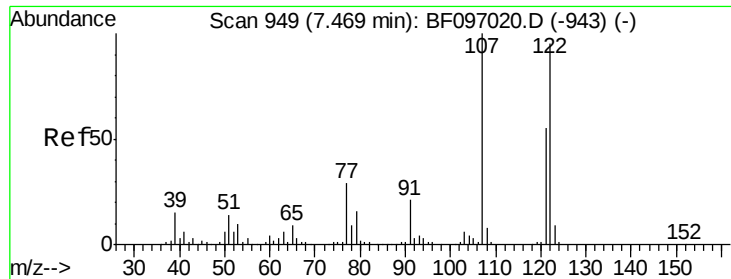
Ion Ratio Lower Upper

139 100

109 22.8 21.0 31.6

65 44.4 33.0 49.6

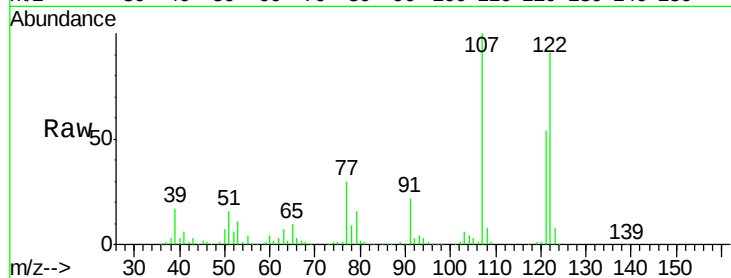




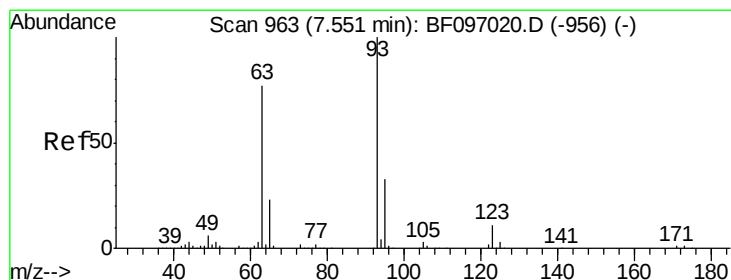
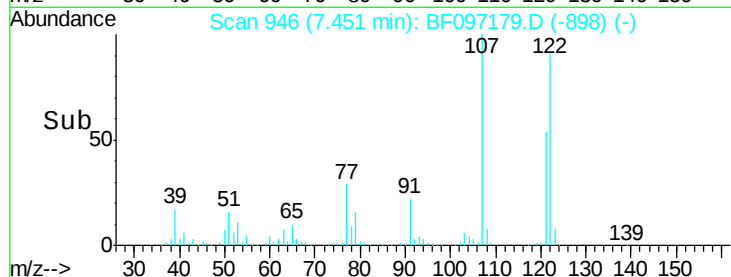
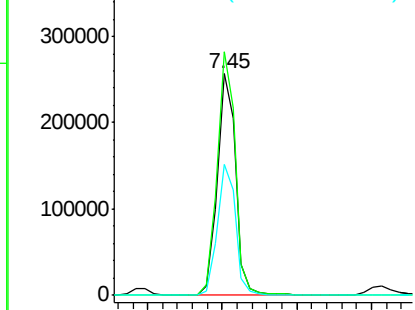
#27
 2,4-Dimethylphenol
 Concen: 36.34 ng
 RT: 7.45 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24MS

Tot Ion:122 Resp: 221645
 Ion Ratio Lower Upper
 122 100
 107 109.8 89.2 133.8
 121 59.0 45.2 67.8

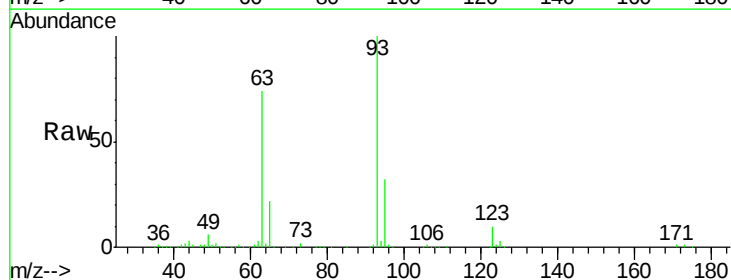


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

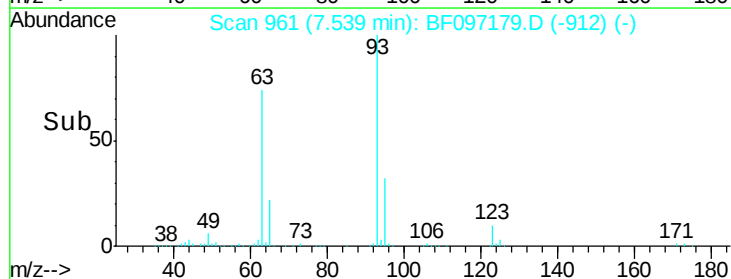
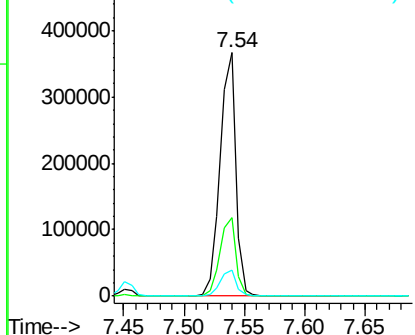


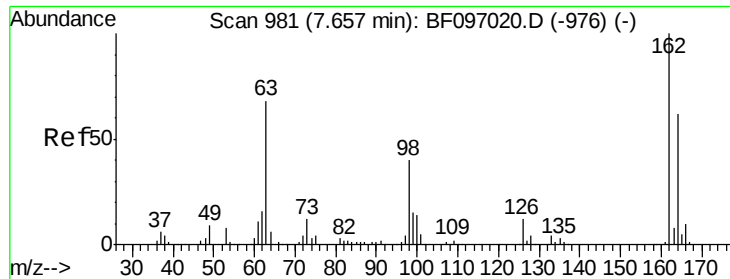
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.10 ng
 RT: 7.54 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Tgt Ion: 93 Resp: 327906
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.4 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

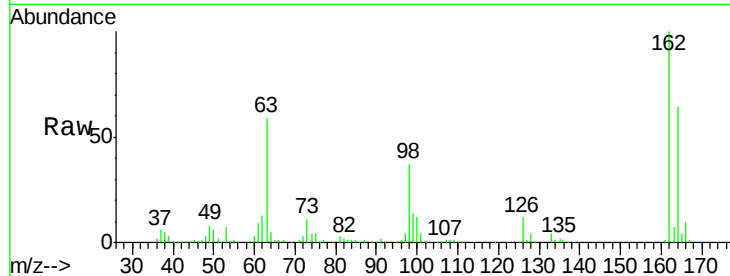




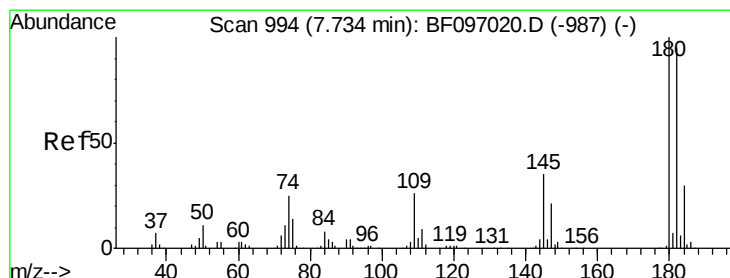
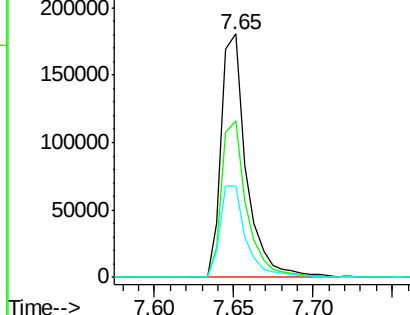
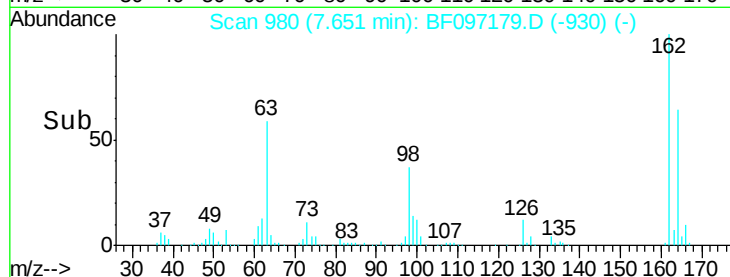
#29
 2,4-Dichlorophenol
 Concen: 37.69 ng
 RT: 7.65 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	37.5	14.8	54.8

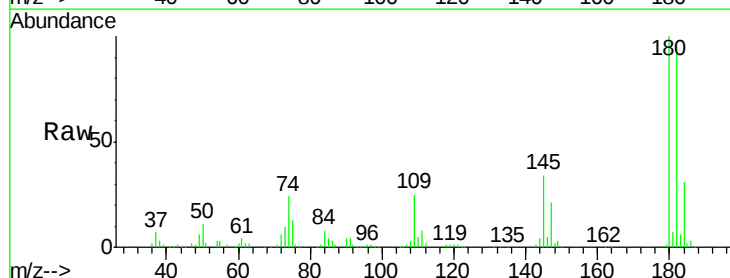


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

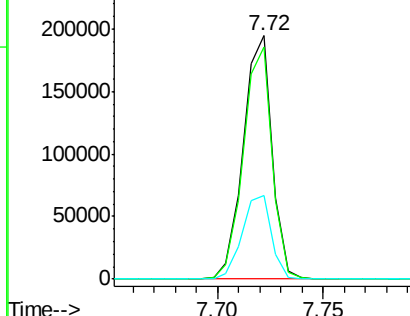
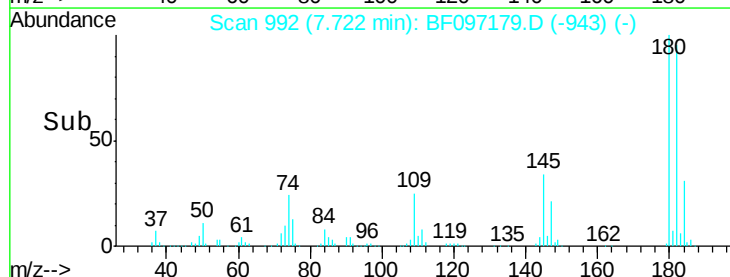


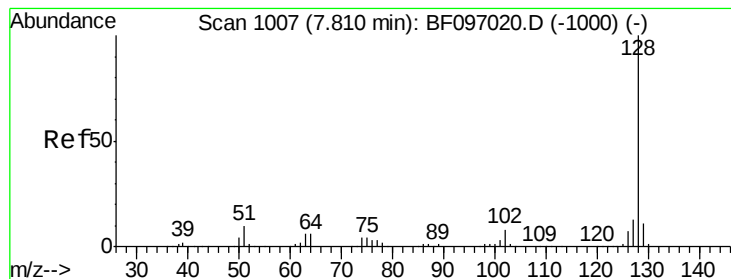
#30
 1,2,4-Trichlorobenzene
 Concen: 36.65 ng
 RT: 7.72 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	34.2	25.3	37.9



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





#31

Naphthalene

Concen: 37.42 ng

RT: 7.79 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

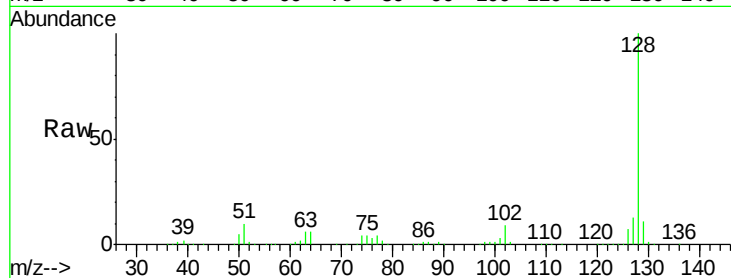
Tot Ion:128 Resp: 679154

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

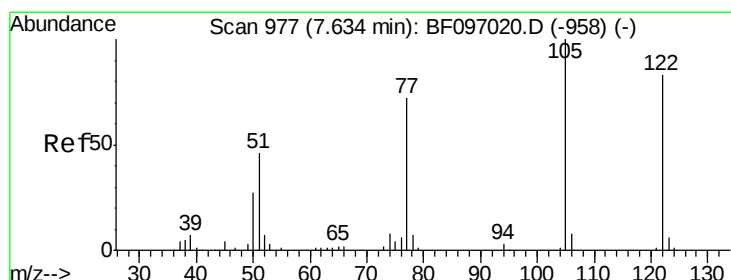
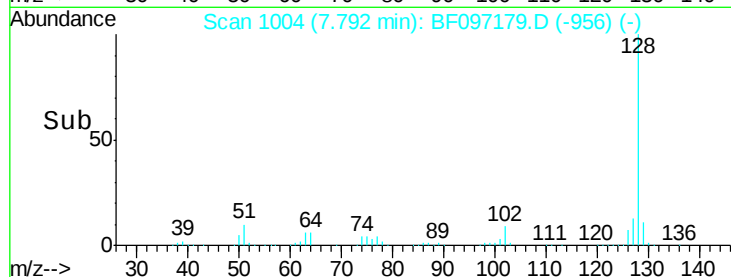
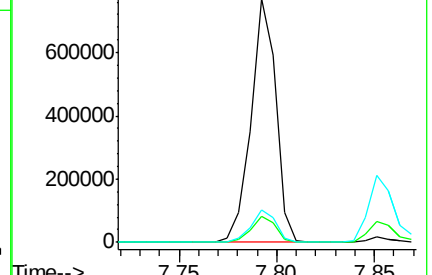
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.18 ng

RT: 7.56 min Scan# 964

Delta R.T. -0.08 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

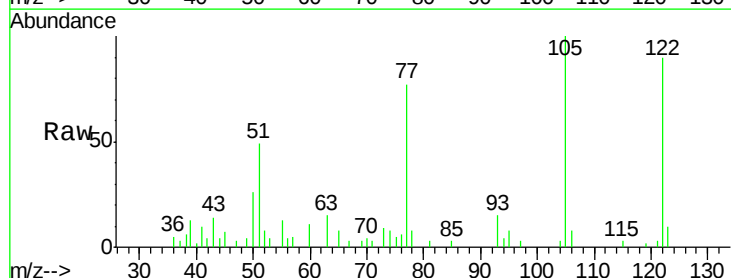
Tgt Ion:122 Resp: 14476

Ion Ratio Lower Upper

122 100

105 110.6 103.3 143.3

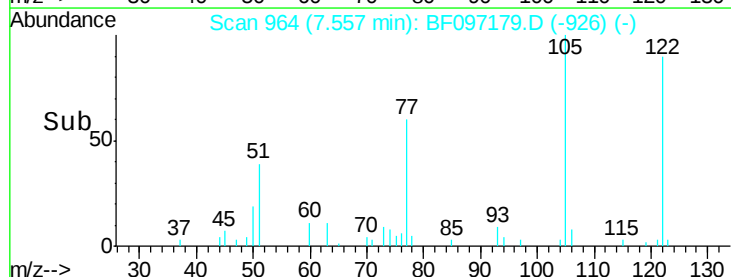
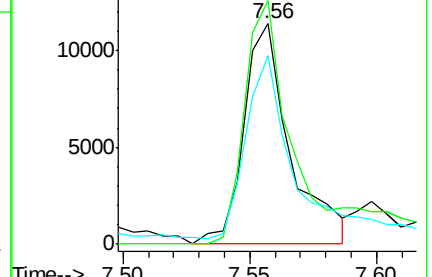
77 85.7 73.7 113.7

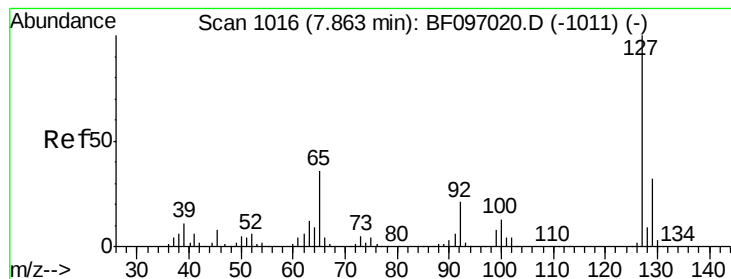


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 27.92 ng

RT: 7.85 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

Tot Ion:127 Resp: 206186

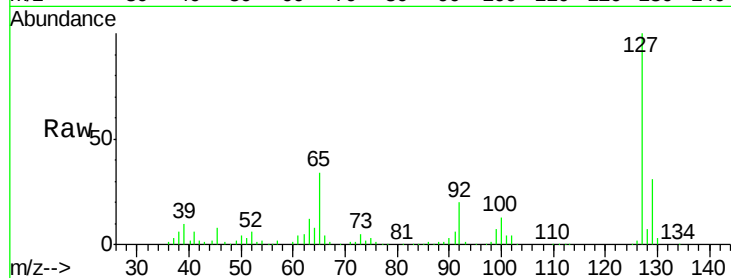
Ion Ratio Lower Upper

127 100

129 31.3 26.2 39.2

65 34.0 27.8 41.8

92 19.7 16.8 25.2

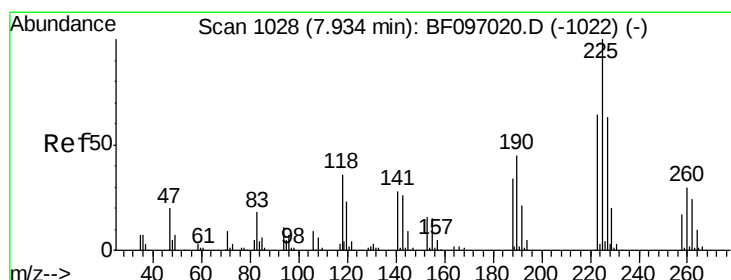
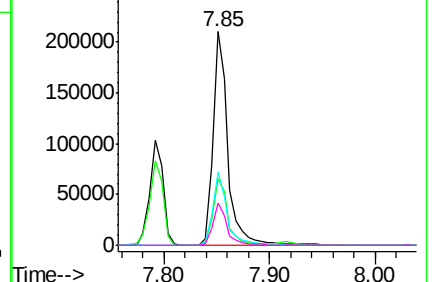
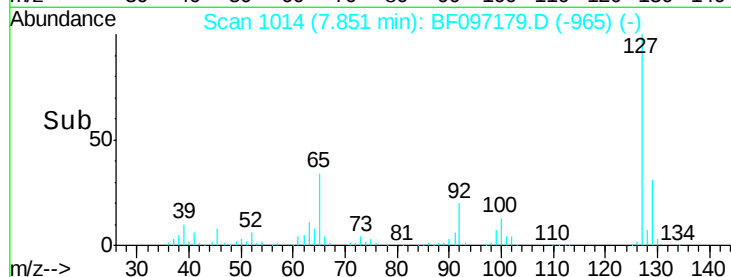


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.81 ng

RT: 7.92 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

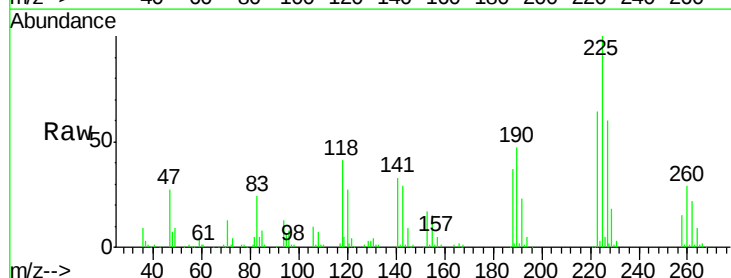
Tgt Ion:225 Resp: 108356

Ion Ratio Lower Upper

225 100

223 64.0 48.8 73.2

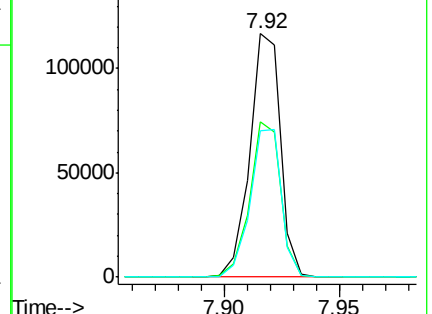
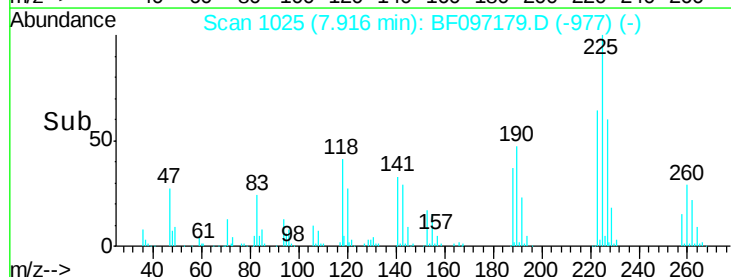
227 60.0 51.1 76.7

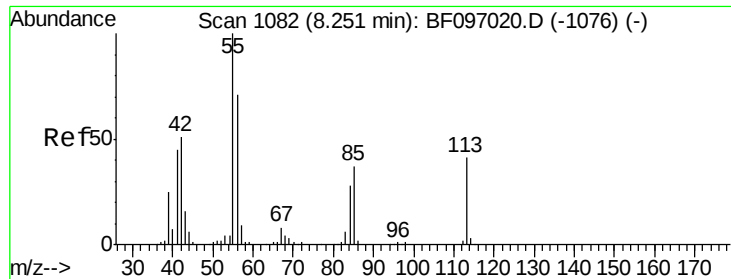


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

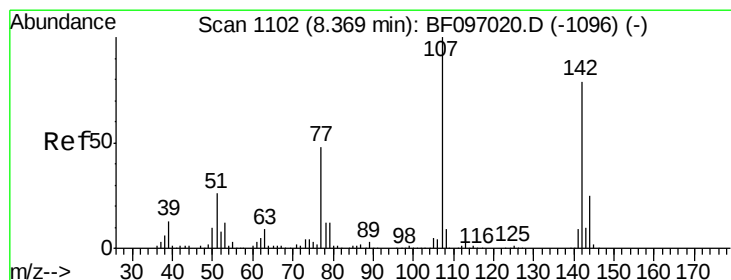
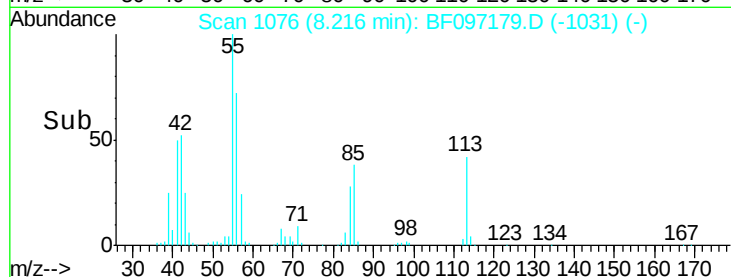
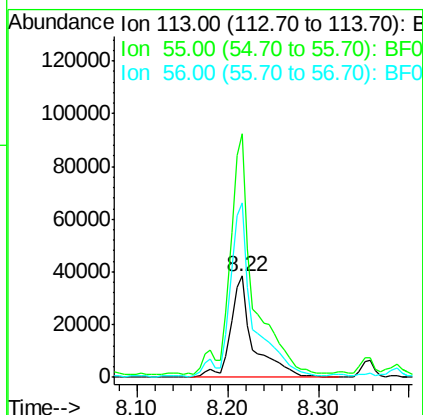
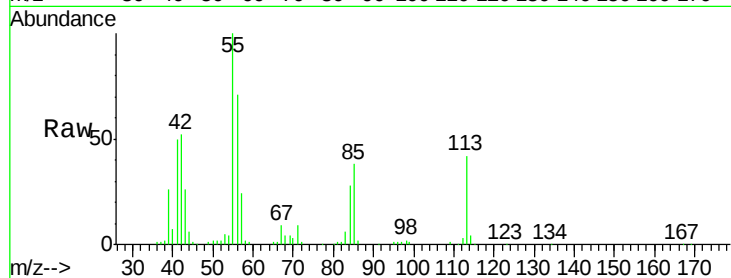




#35
Caprolactam
Concen: 39.78 ng
RT: 8.22 min Scan# 1076
Delta R.T. -0.04 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

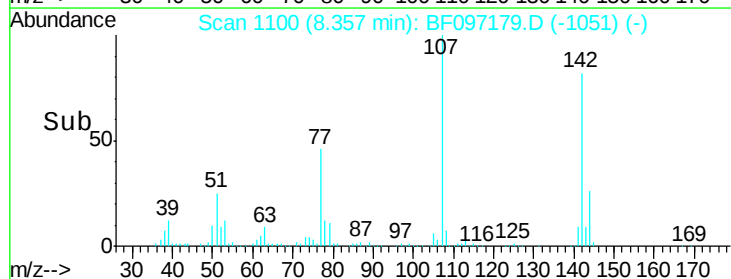
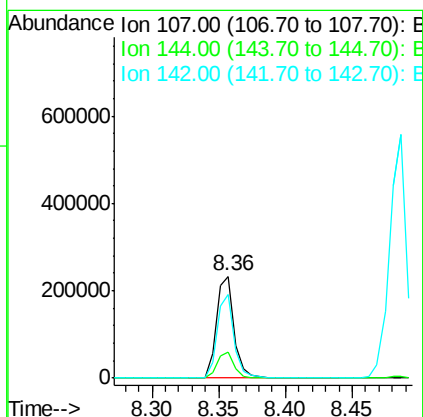
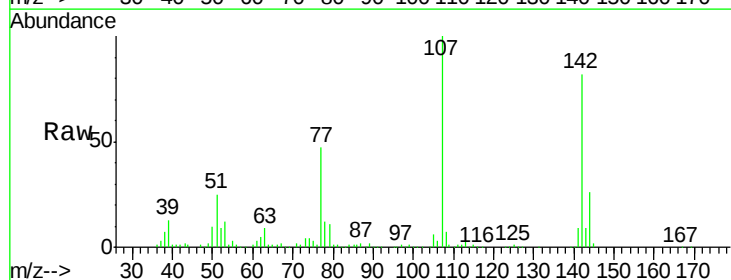
Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

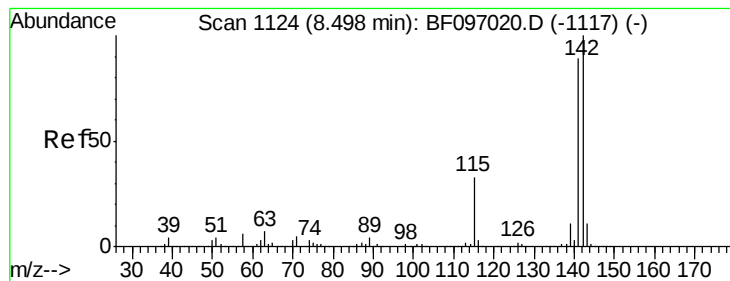
Tot Ion:113 Resp: 67022
Ion Ratio Lower Upper
113 100
55 240.6 150.2 190.2#
56 171.9 107.8 147.8#



#36
4-Chloro-3-methylphenol
Concen: 38.26 ng
RT: 8.36 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion:107 Resp: 219371
Ion Ratio Lower Upper
107 100
144 25.9 24.2 36.4
142 82.0 73.4 110.0

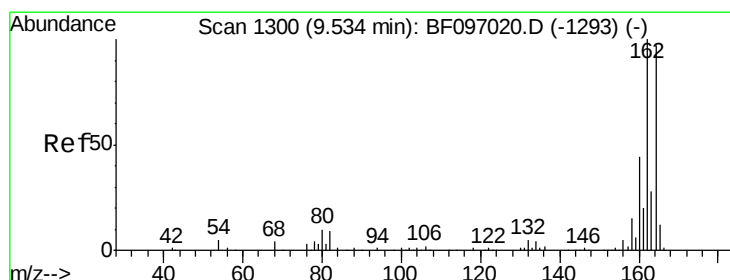
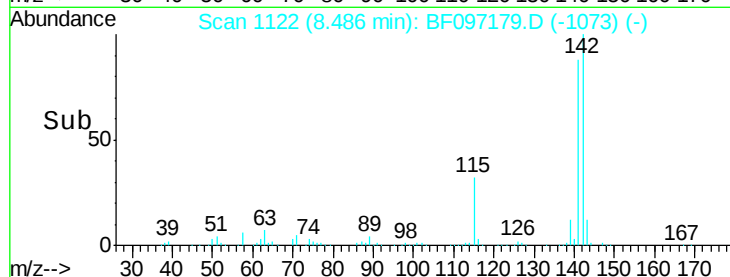
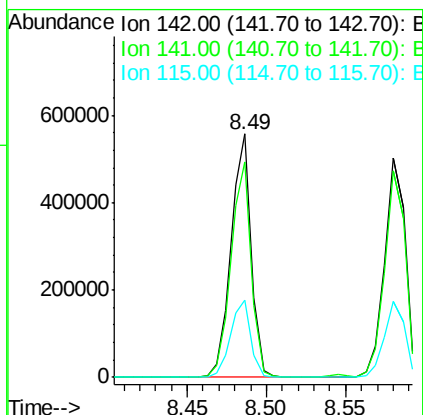
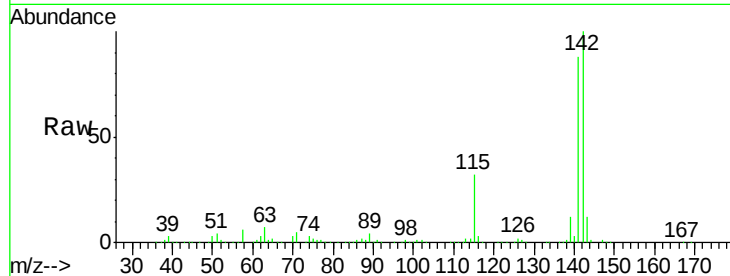




#37
 2-Methylnaphthalene
 Concen: 42.72 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

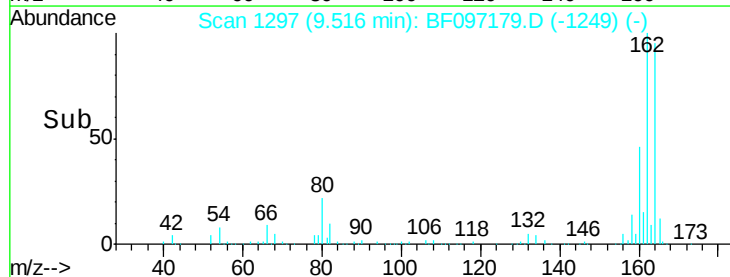
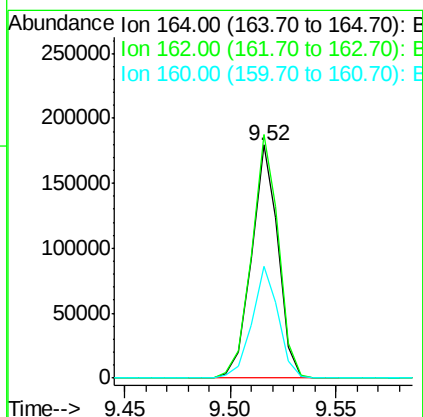
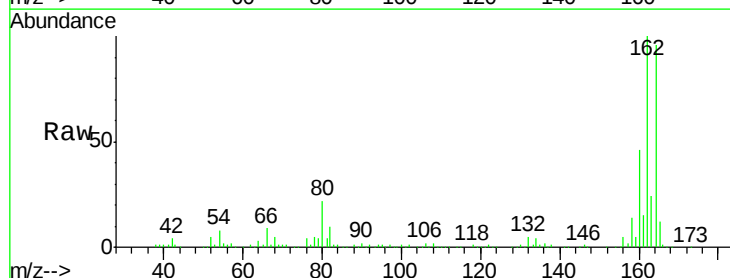
Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24MS

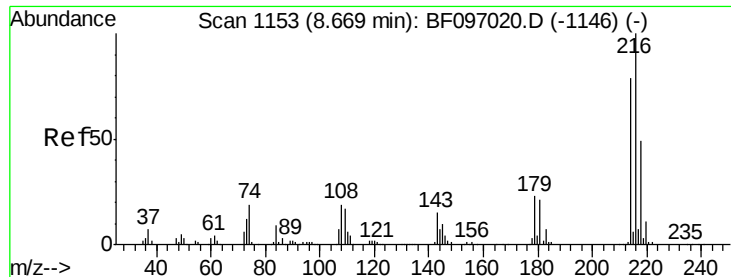
Tot Ion:142 Resp: 490884
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.3 106.9
 115 31.7 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Tgt Ion:164 Resp: 156581
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 123.8
 160 48.0 36.2 54.2

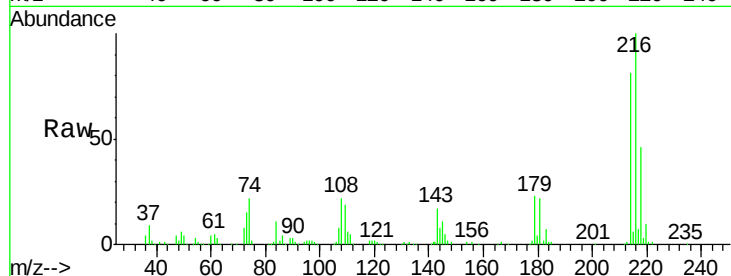




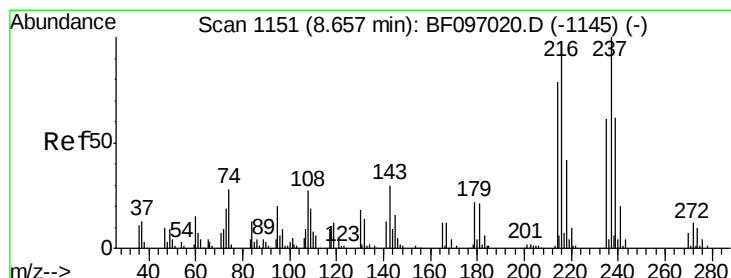
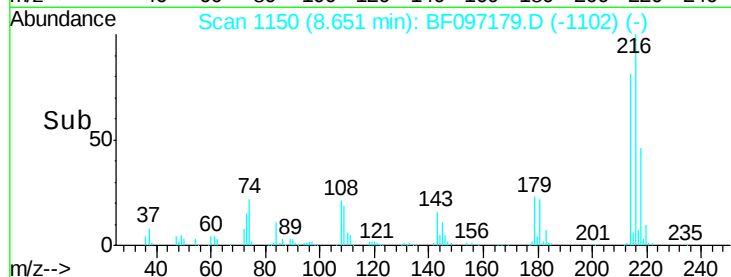
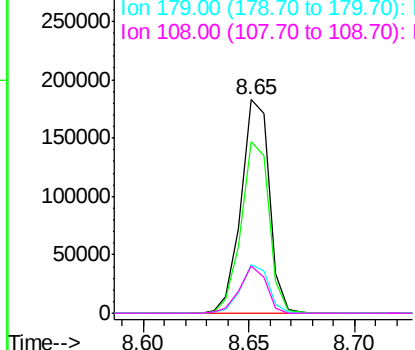
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.64 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24MS

Tot Ion:216	Resp:	169797
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.4 95.2
179	22.4	17.9 26.9
108	20.9	16.5 24.7

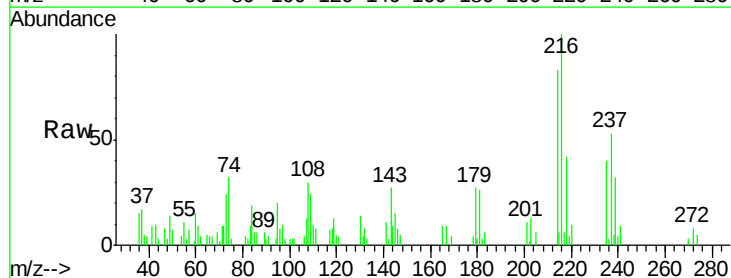


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

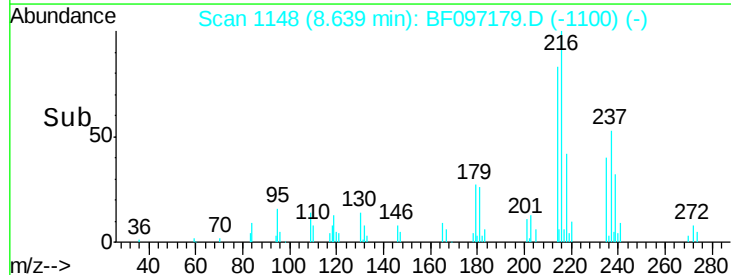
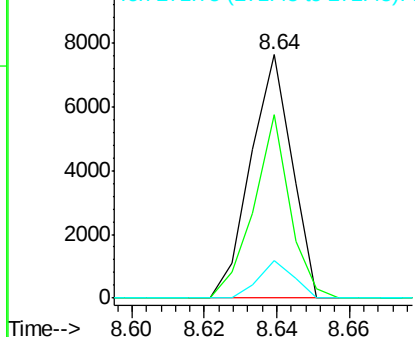


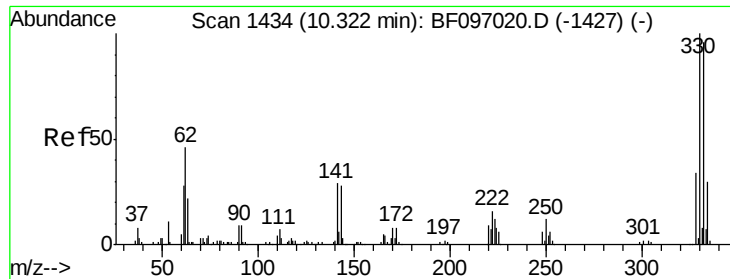
#40
 Hexachlorocyclopentadiene
 Concen: 10.36 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Tgt Ion:237	Resp:	5999
Ion Ratio	Lower	Upper
237	100	
235	75.2	42.6 82.6
272	15.5	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

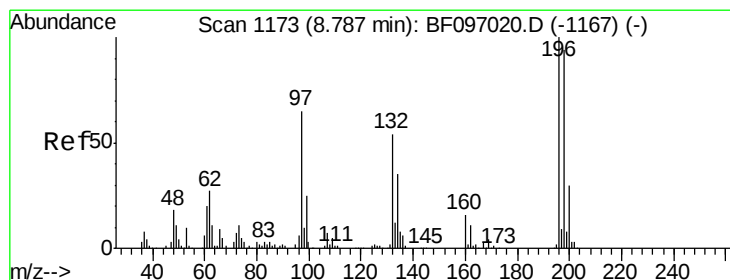
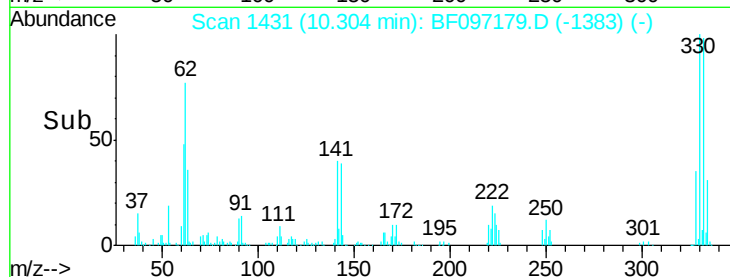
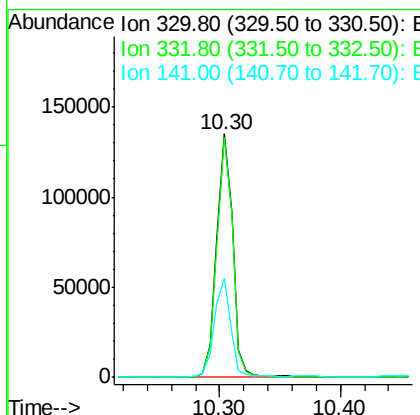
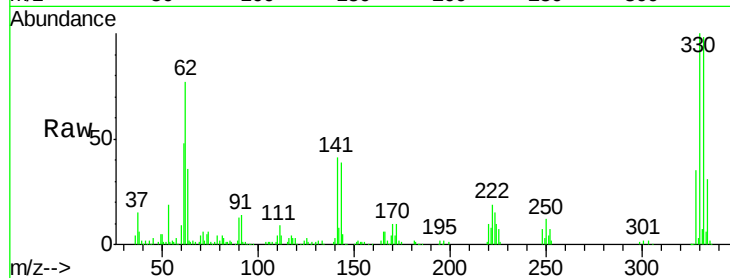




#41
 2,4,6-Tribromophenol
 Concen: 99.71 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

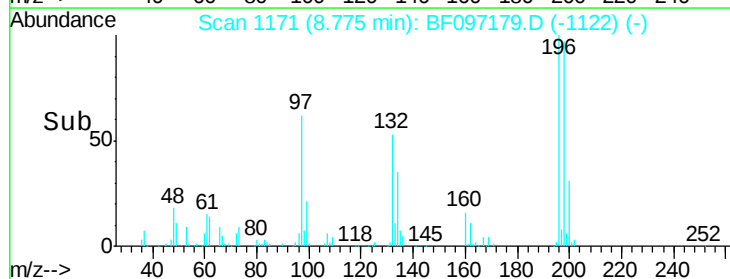
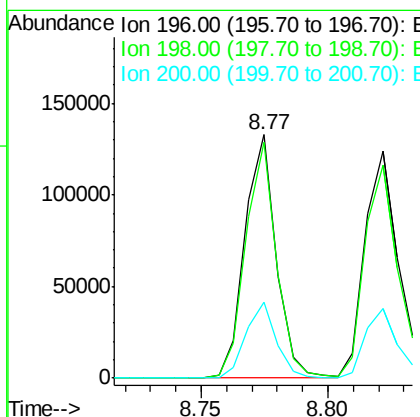
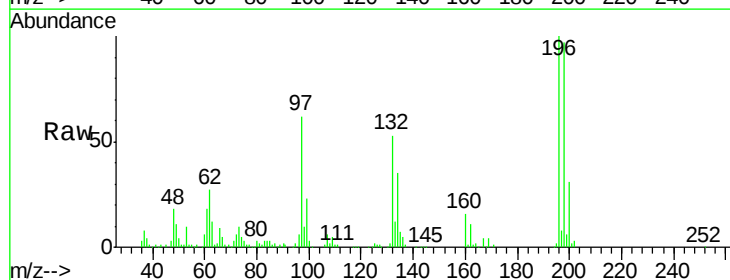
Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24MS

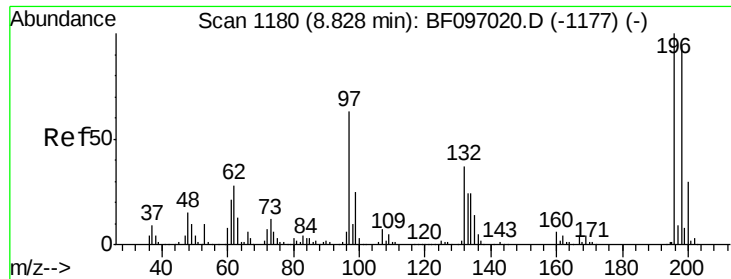
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	42.1	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.95 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.2	111.4
200	31.3	24.0	36.0

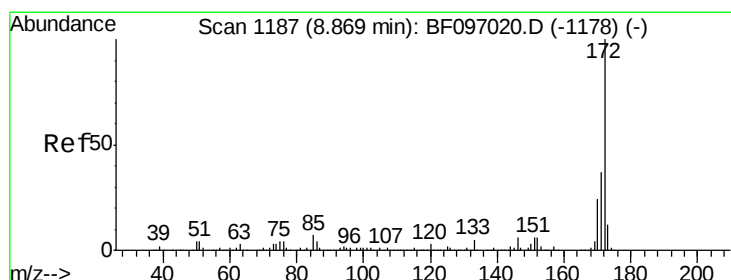
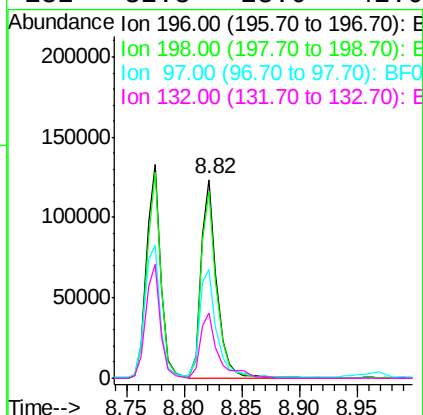
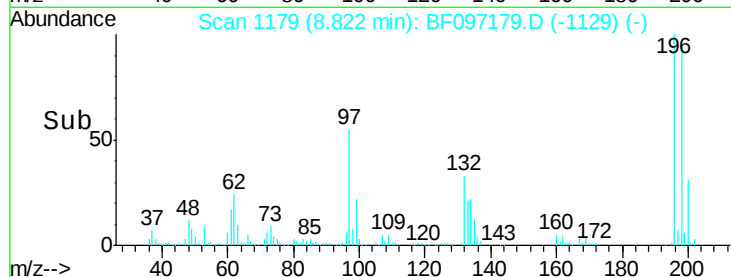
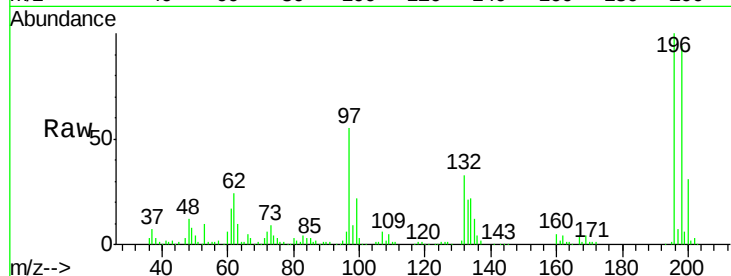




#43
 2,4,5-Trichlorophenol
 Concen: 39.33 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

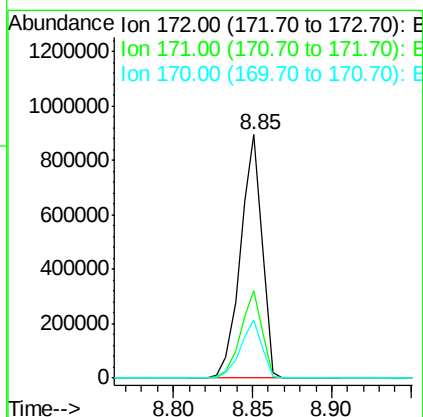
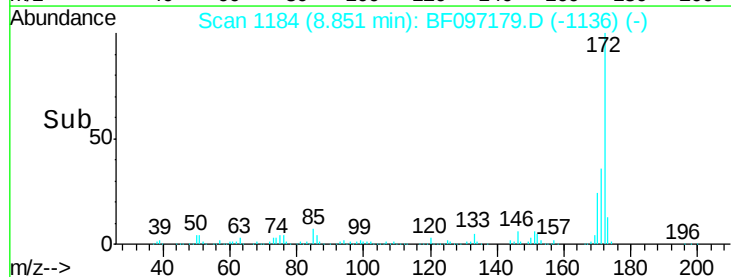
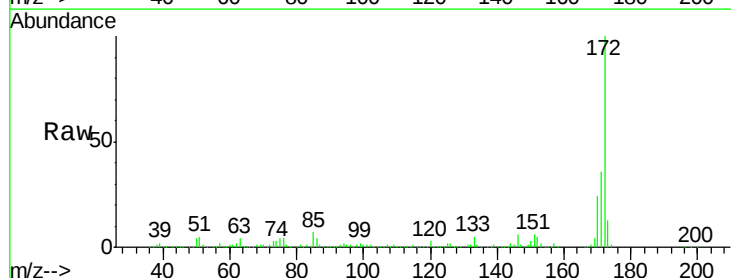
Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24MS

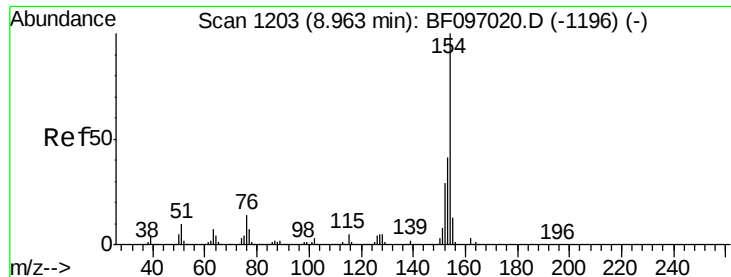
Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	93.8	75.7	113.5	
97	55.0	47.7	71.5	
132	32.8	28.0	42.0	



#44
 2-Fluorobiphenyl
 Concen: 90.24 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.8	29.6	44.4	
170	23.8	19.8	29.8	

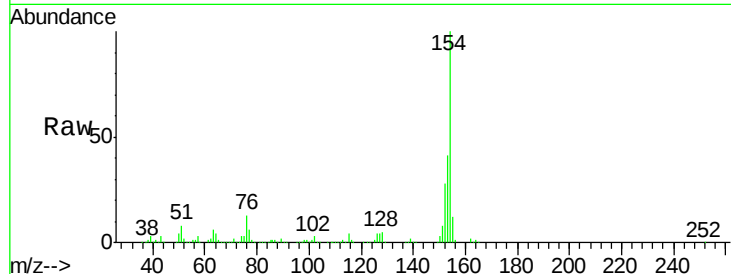




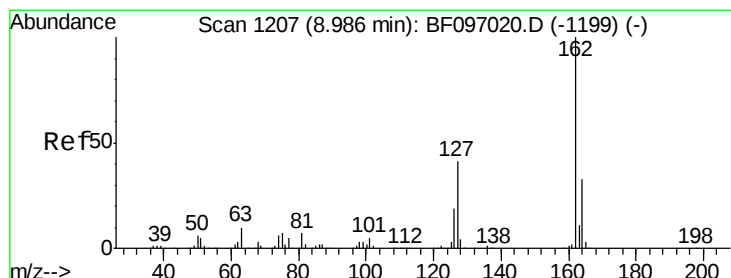
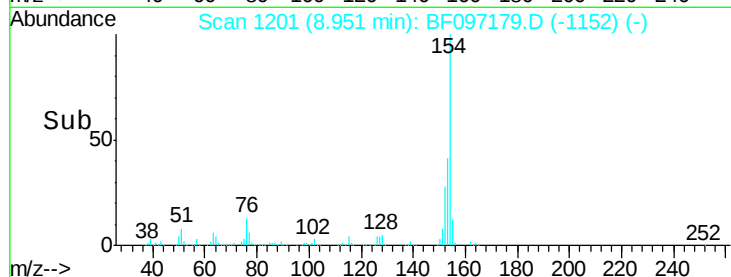
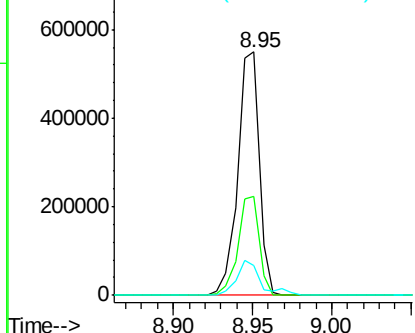
#45
 1,1'-Biphenyl
 Concen: 38.61 ng
 RT: 8.95 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	12.5	0.0	29.9

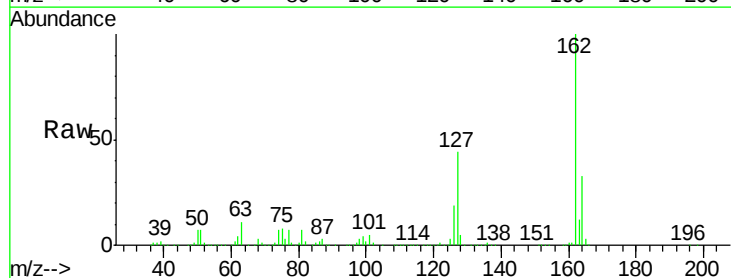


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

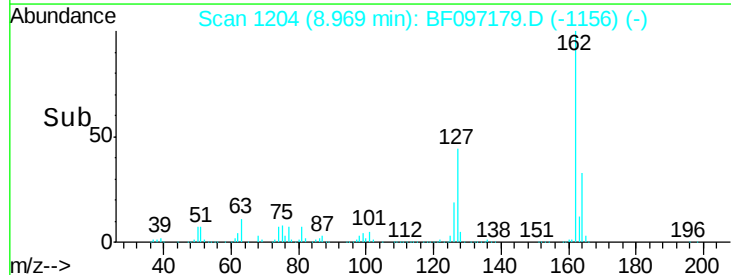
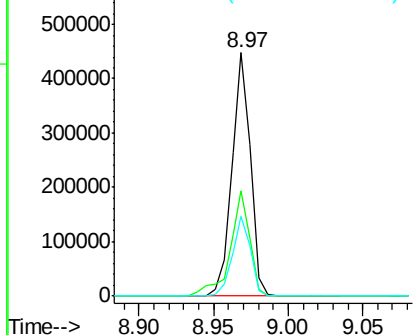


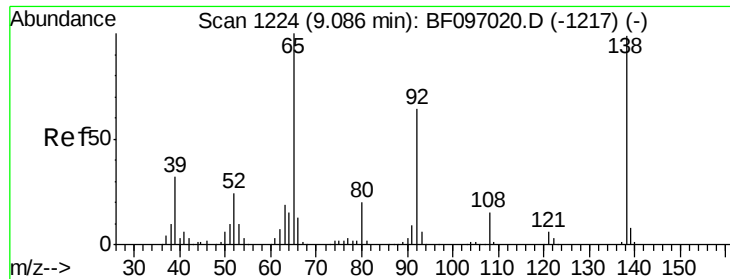
#46
 2-Chloronaphthalene
 Concen: 39.86 ng
 RT: 8.97 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.5	28.3	42.5#
164	32.7	27.0	40.4



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

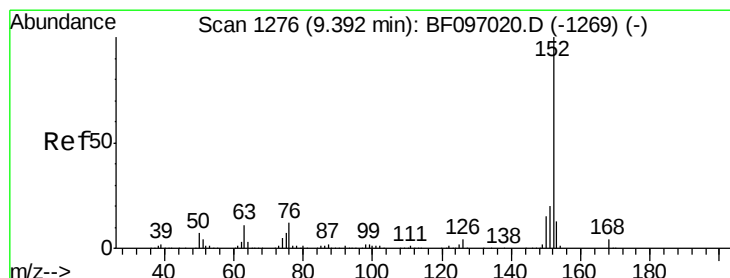
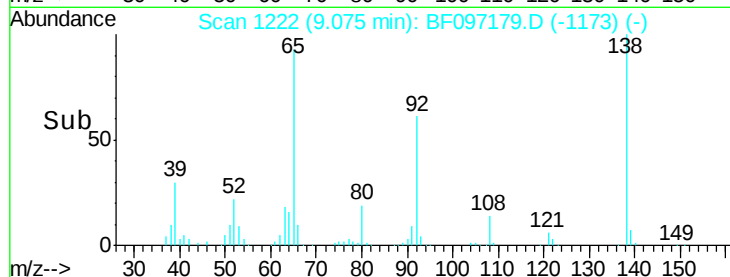
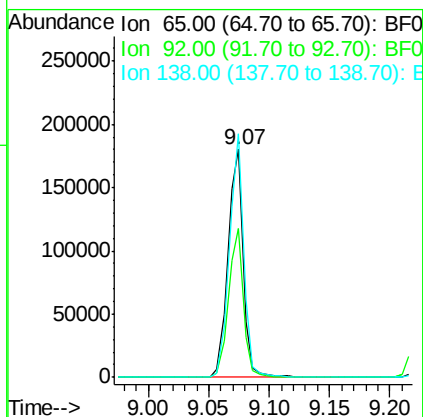
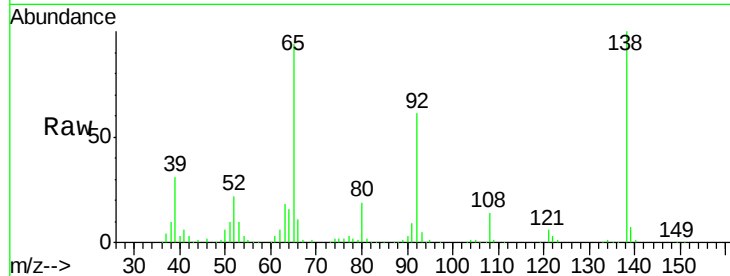




#47
2-Nitroaniline
Concen: 44.51 ng
RT: 9.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

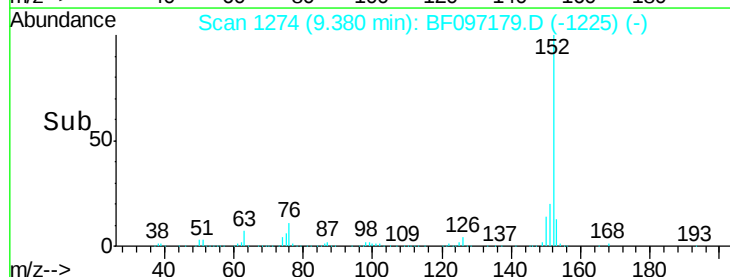
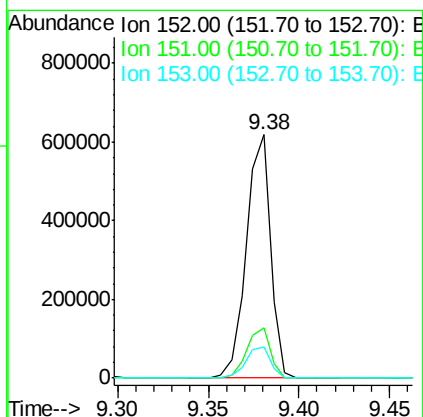
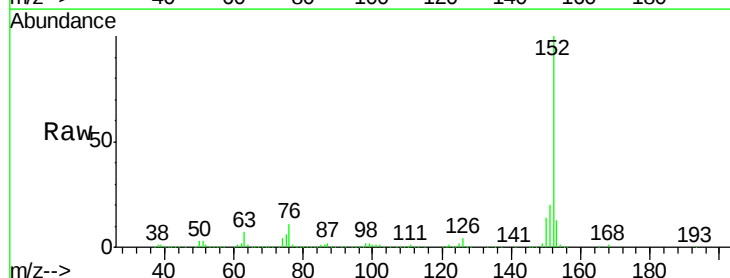
Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

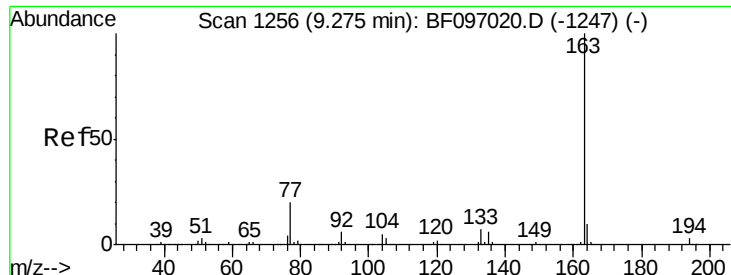
Tot Ion: 65 Resp: 158976
Ion Ratio Lower Upper
65 100
92 65.1 53.9 80.9
138 106.9 78.8 118.2



#48
Acenaphthylene
Concen: 37.96 ng
RT: 9.38 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion: 152 Resp: 573454
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 12.9 10.8 16.2

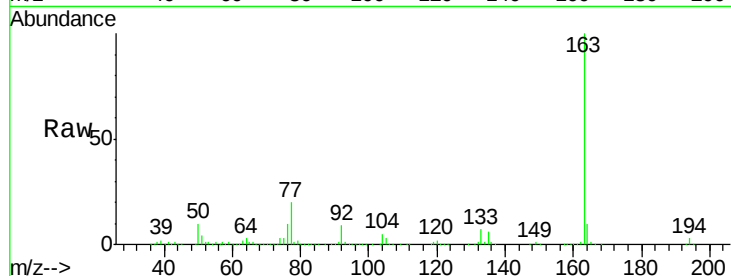




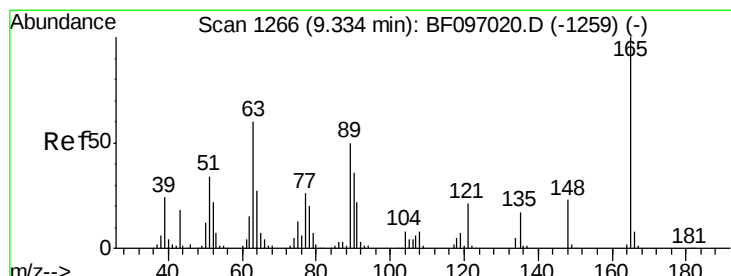
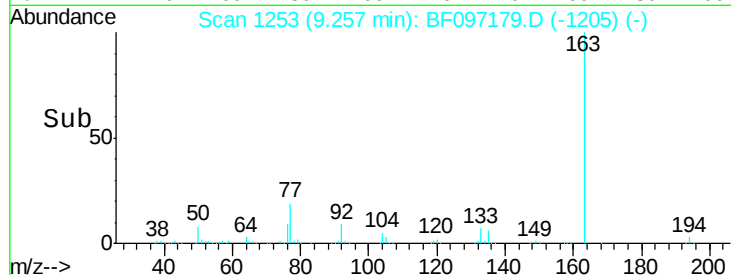
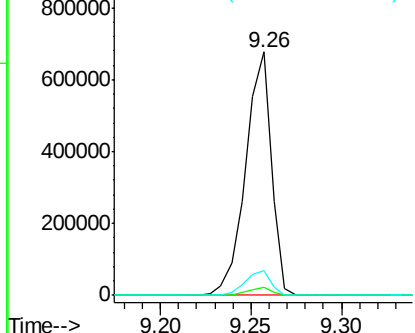
#49
Dimethylphthalate
Concen: 56.24 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

Tot Ion:163 Resp: 668701
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.4 12.6

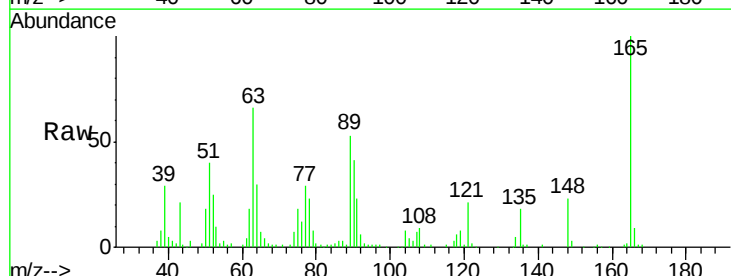


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

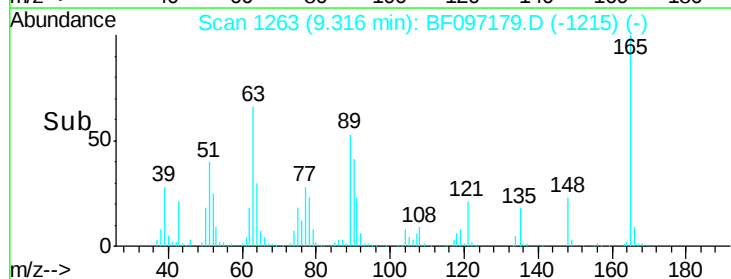
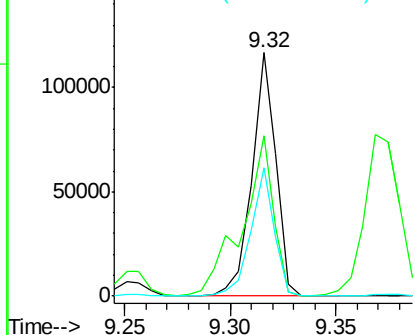


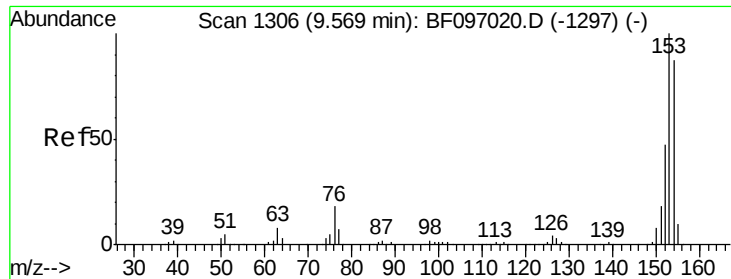
#50
2,6-Dinitrotoluene
Concen: 36.66 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion:165 Resp: 92456
Ion Ratio Lower Upper
165 100
63 65.9 34.3 51.5#
89 52.8 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.53 ng

RT: 9.55 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

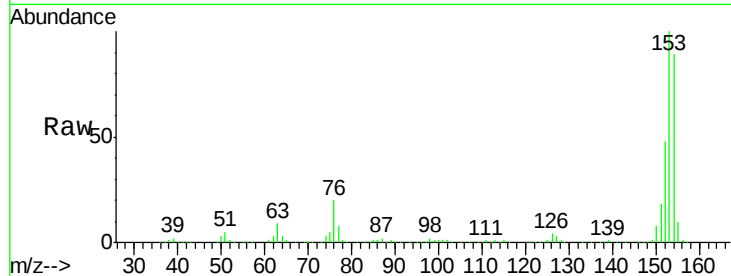
Tot Ion:154 Resp: 333912

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

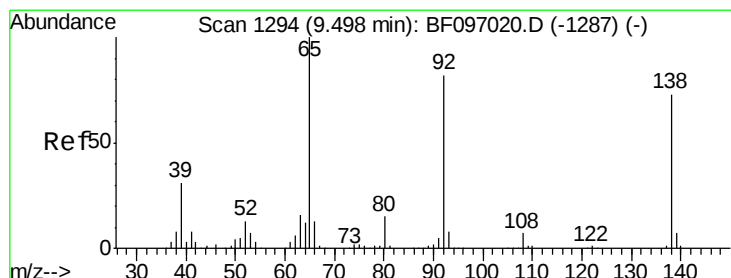
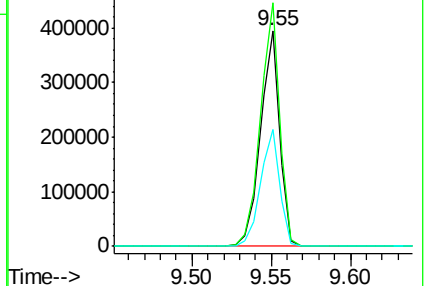
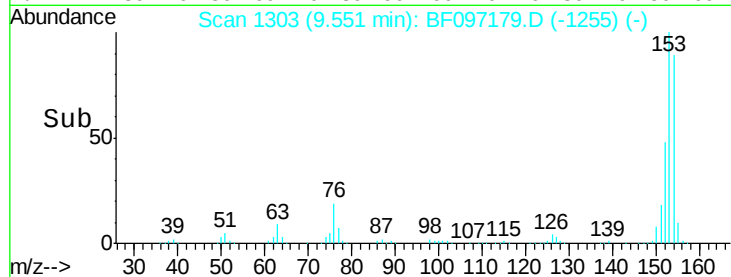
152 54.2 43.6 65.4



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: 38.38 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

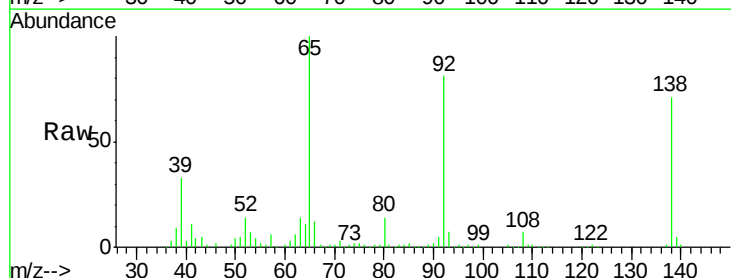
Tgt Ion:138 Resp: 120131

Ion Ratio Lower Upper

138 100

108 9.3 9.1 13.7

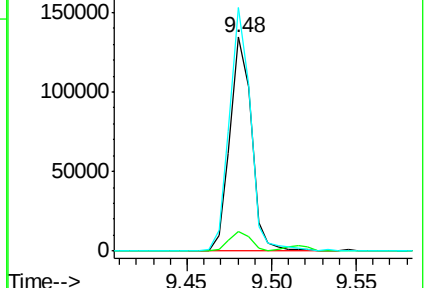
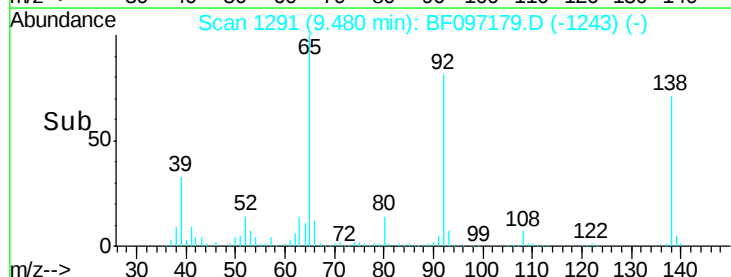
92 113.9 93.8 140.6

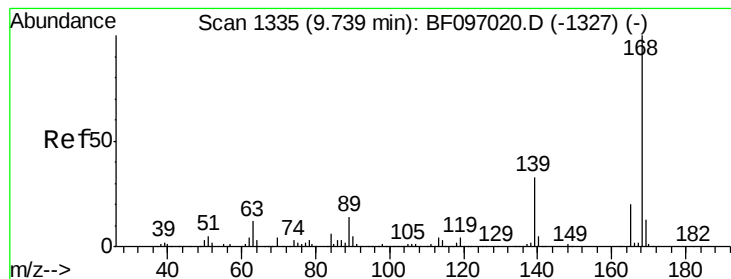


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 40.27 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

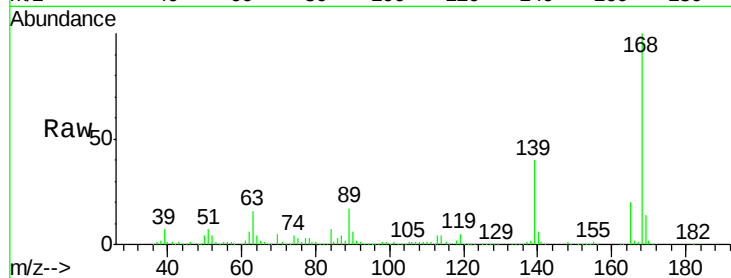
Tot Ion:168 Resp: 477267

Ion Ratio Lower Upper

168 100

139 40.2 30.6 45.8

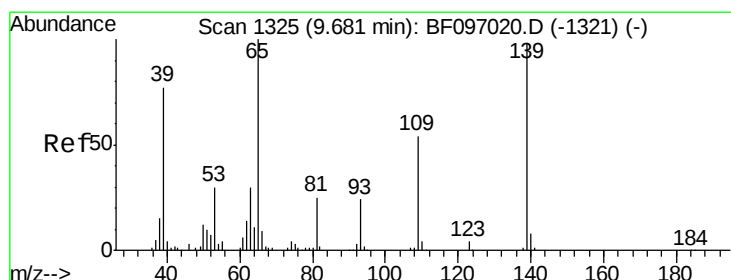
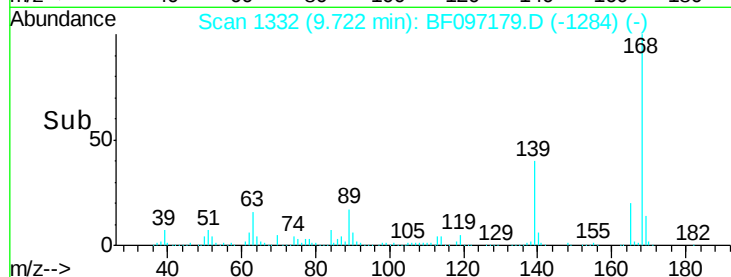
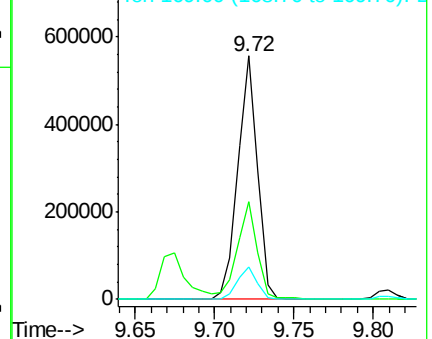
169 13.5 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 64.43 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

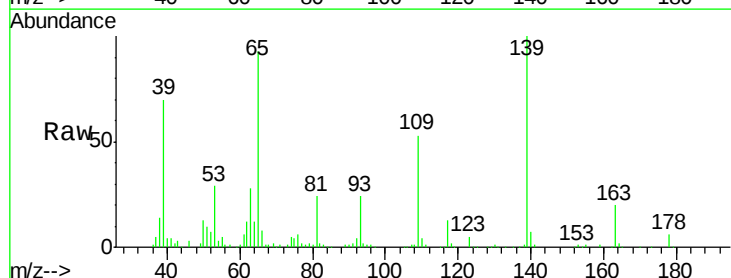
Tgt Ion:139 Resp: 119931

Ion Ratio Lower Upper

139 100

109 52.7 34.1 74.1

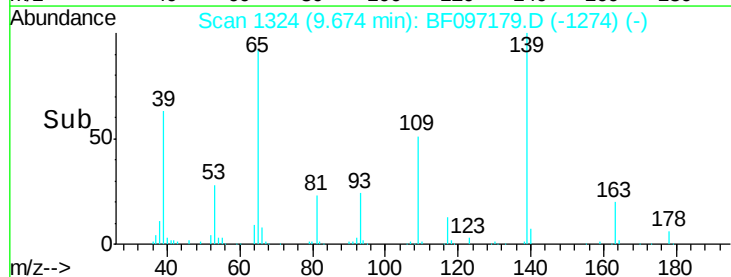
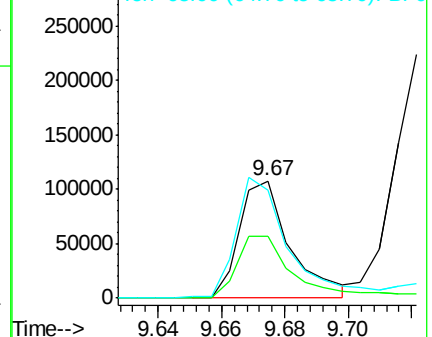
65 92.6 31.4 71.4#

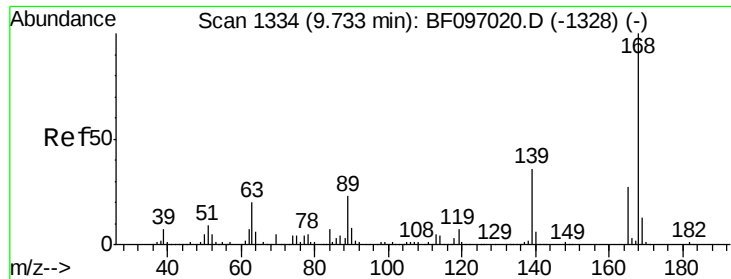


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

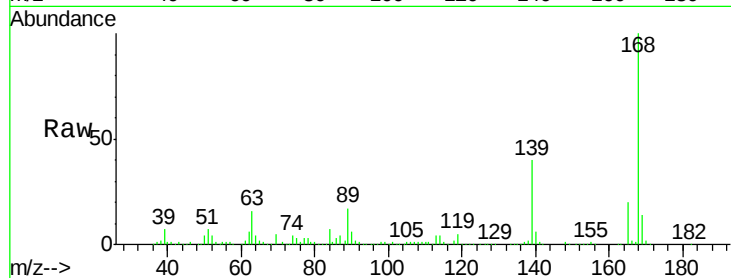




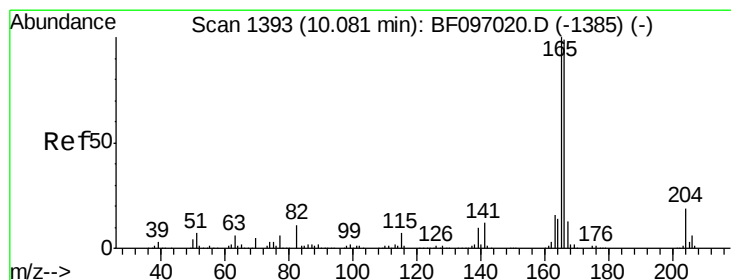
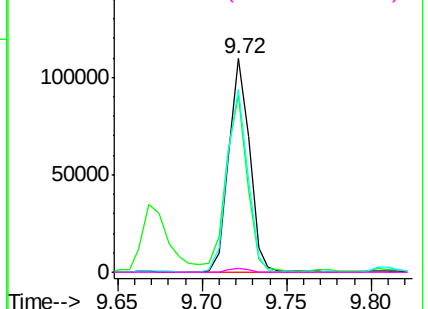
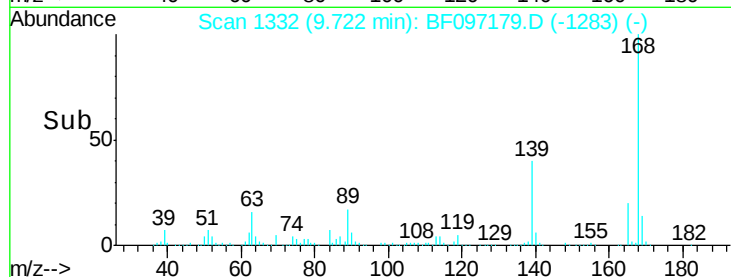
#56
2,4-Dinitrotoluene
Concen: 32.43 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

Tot Ion:165 Resp: 94012
Ion Ratio Lower Upper
165 100
63 83.0 25.4 38.0#
89 85.6 46.4 69.6#
182 2.0 1.8 2.6

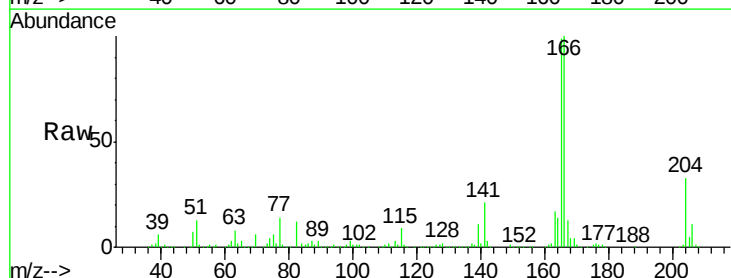


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

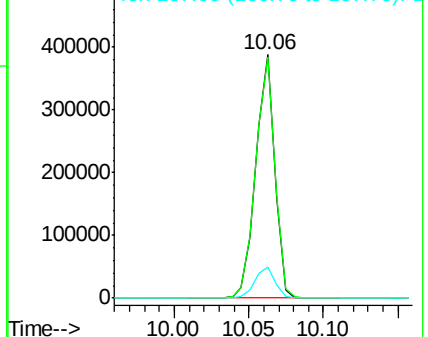
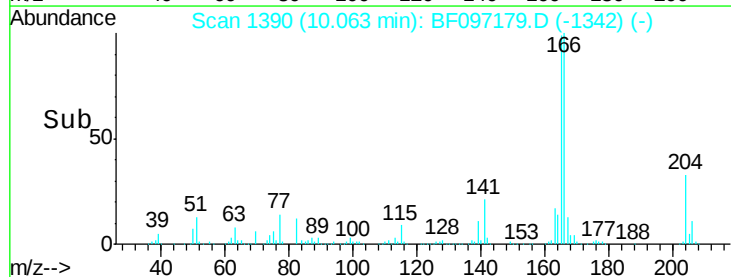


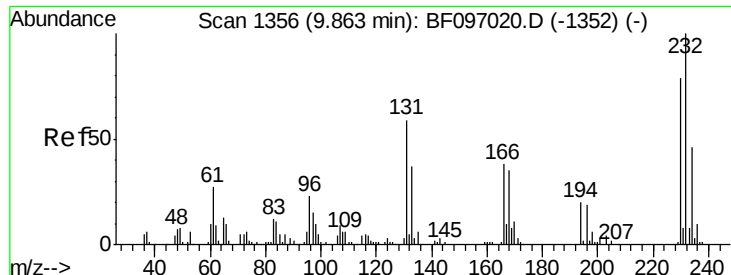
#57
Fluorene
Concen: 37.96 ng
RT: 10.06 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion:166 Resp: 338118
Ion Ratio Lower Upper
166 100
165 99.1 78.8 118.2
167 13.0 10.6 16.0



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

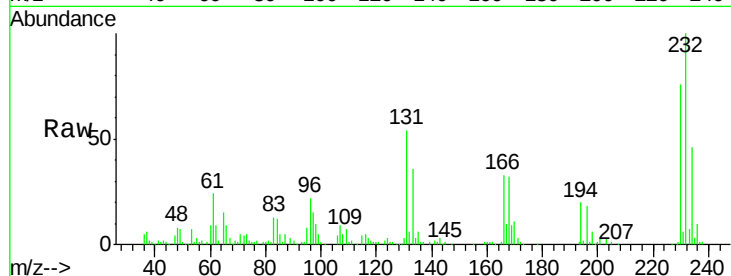




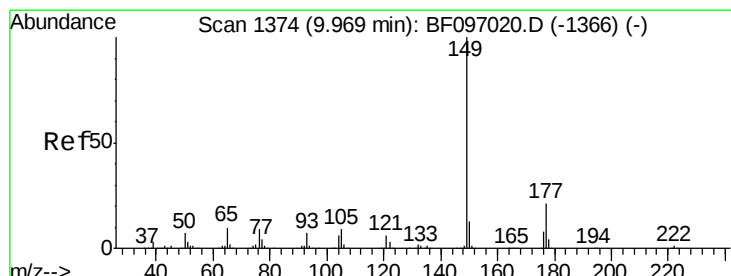
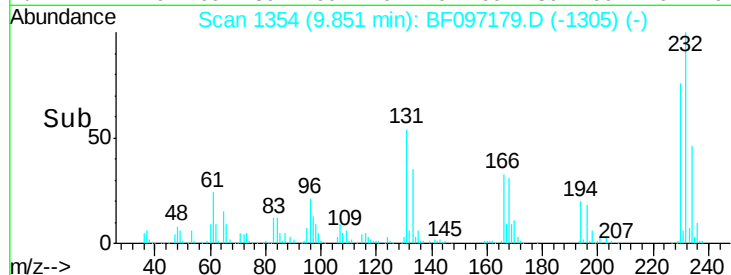
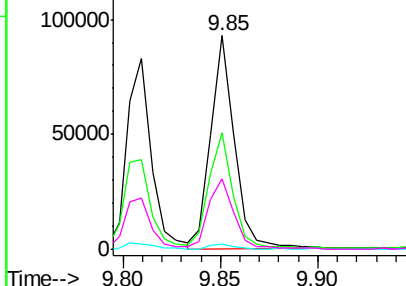
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.37 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24MS

Tot Ion:232 Resp: 78196
 Ion Ratio Lower Upper
 232 100
 131 55.7 44.8 67.2
 130 2.4 2.3 3.5
 166 36.2 29.0 43.4

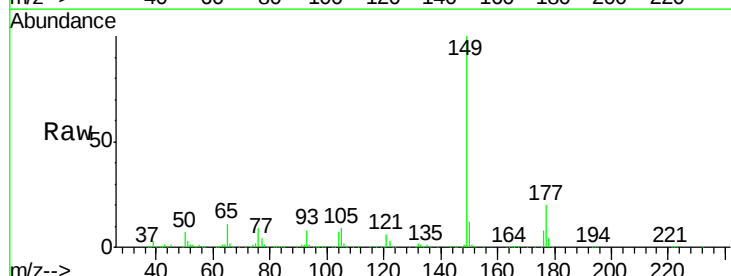


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

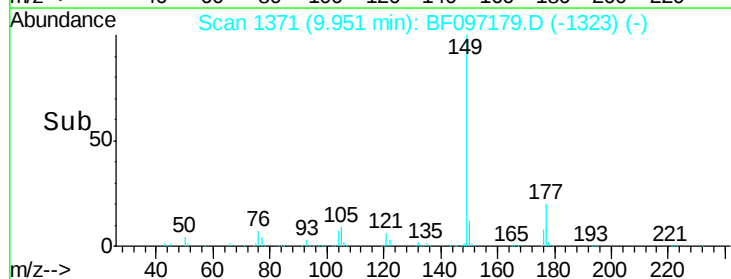
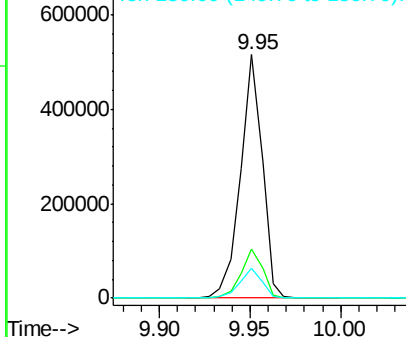


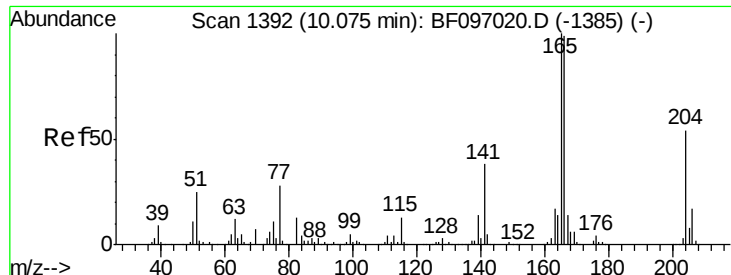
#59
 Diethylphthalate
 Concen: 39.56 ng
 RT: 9.95 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Tgt Ion:149 Resp: 431546
 Ion Ratio Lower Upper
 149 100
 177 20.1 16.7 25.1
 150 12.1 10.2 15.2



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

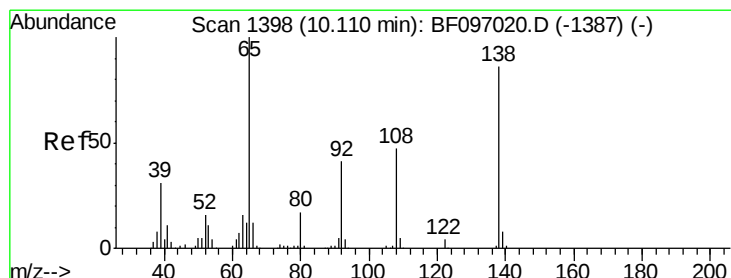
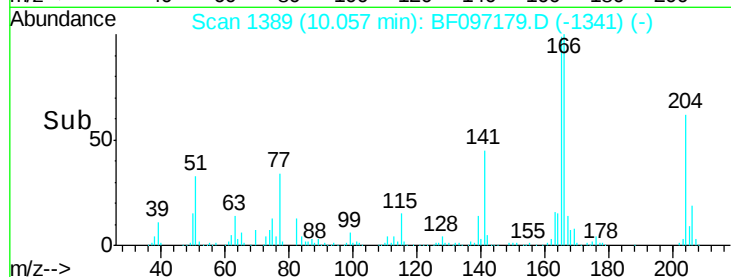
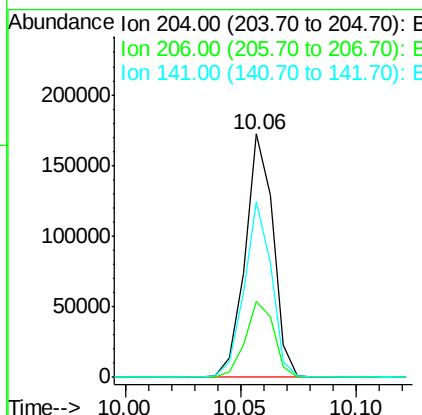
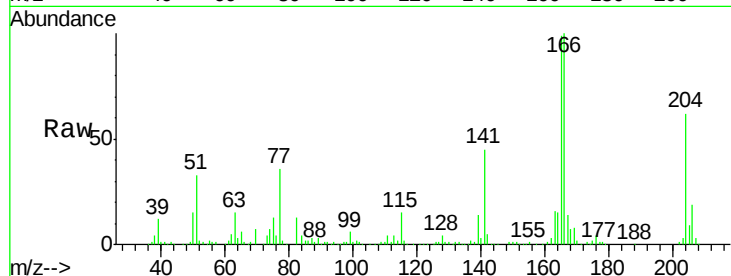




#60
 4-Chlorophenyl-phenylether
 Concen: 39.80 ng
 RT: 10.06 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

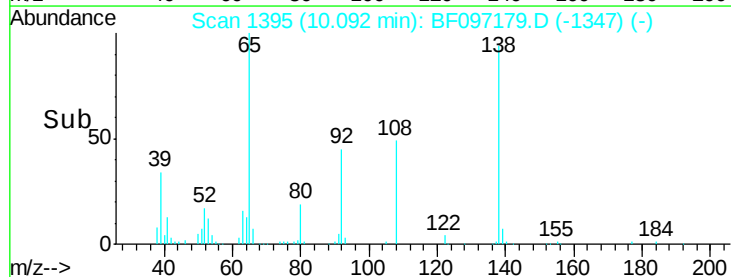
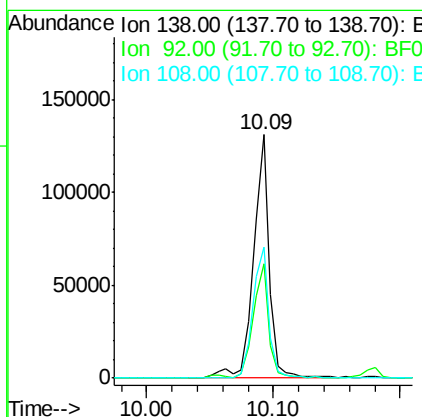
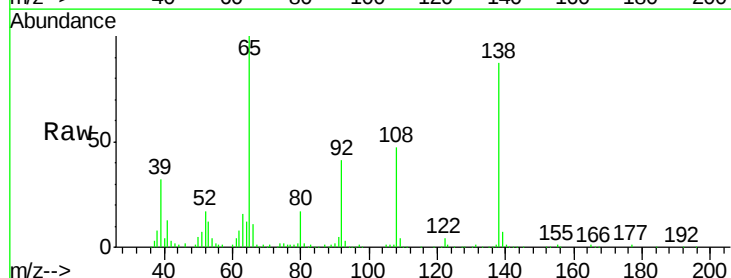
Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24MS

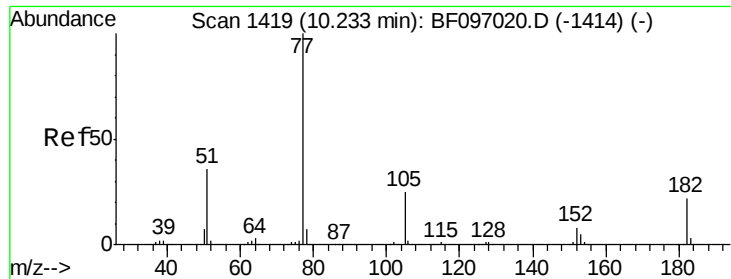
Tot Ion:204 Resp: 146418
 Ion Ratio Lower Upper
 204 100
 206 31.1 26.2 39.2
 141 72.5 60.8 91.2



#61
 4-Nitroaniline
 Concen: 38.62 ng
 RT: 10.09 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Tgt Ion:138 Resp: 114869
 Ion Ratio Lower Upper
 138 100
 92 47.2 21.8 61.8
 108 53.9 42.3 82.3





#62

Azobenzene

Concen: 39.52 ng

RT: 10.22 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

Tot Ion: 77 Resp: 399979

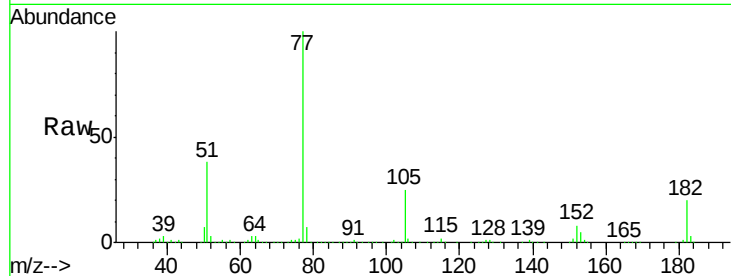
Ion Ratio Lower Upper

77 100

182 19.8 0.1 40.1

105 25.1 3.6 43.6

51 38.3 9.4 49.4

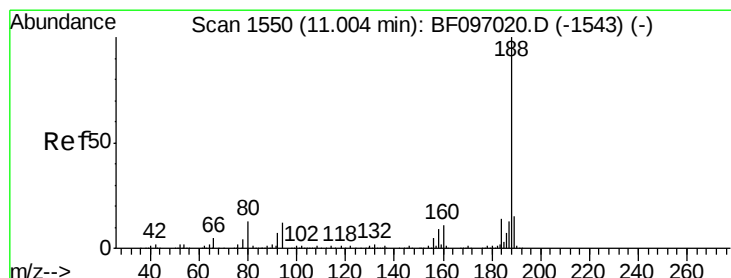
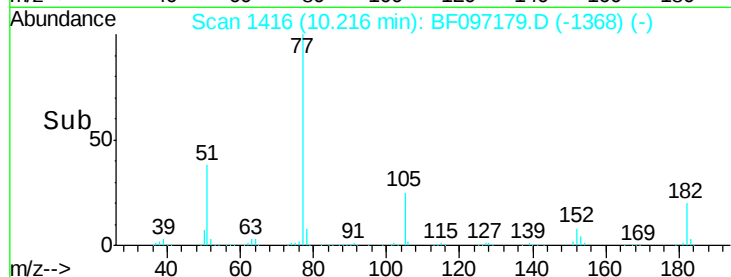
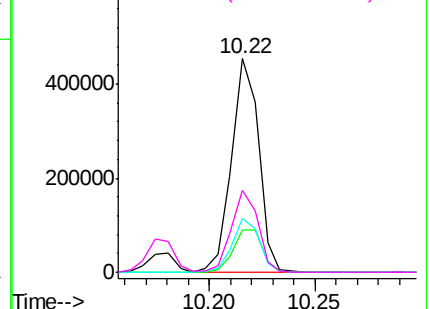


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.99 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

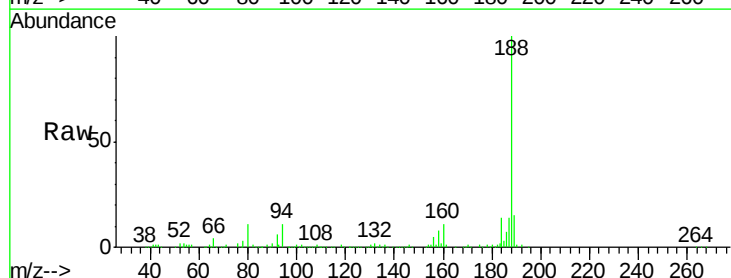
Tgt Ion: 188 Resp: 215217

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

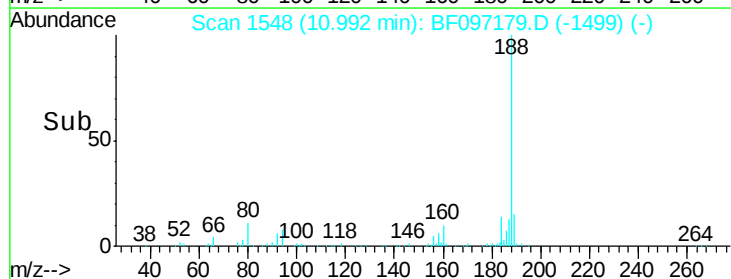
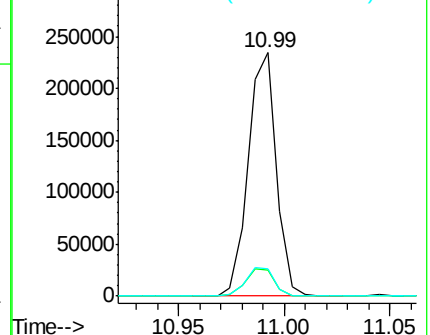
80 11.0 10.2 15.2

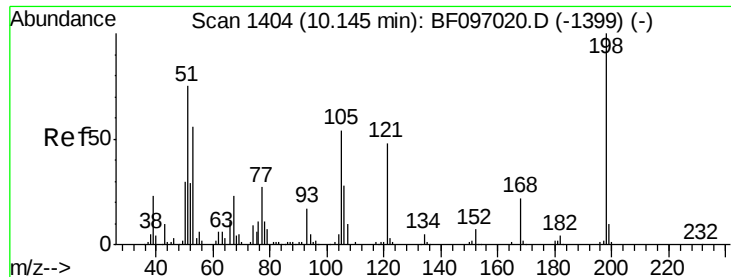


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

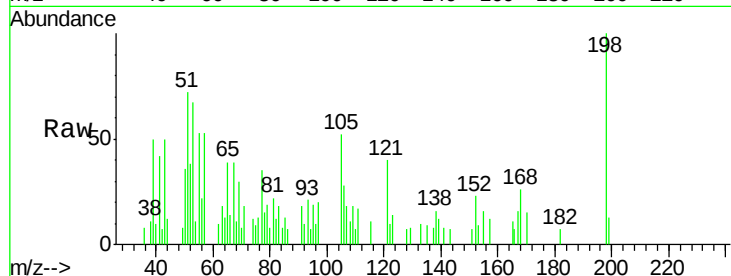




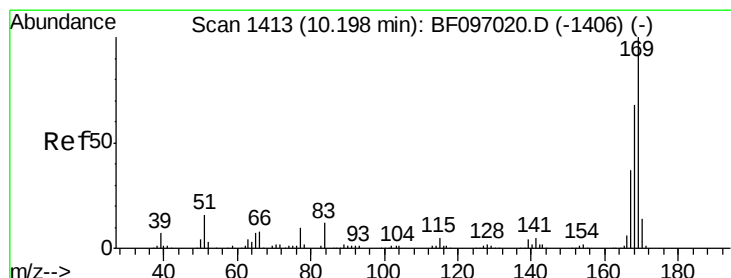
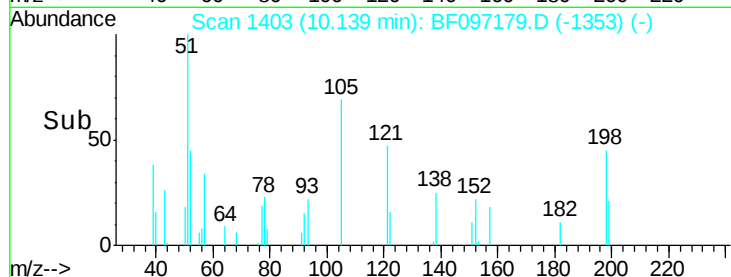
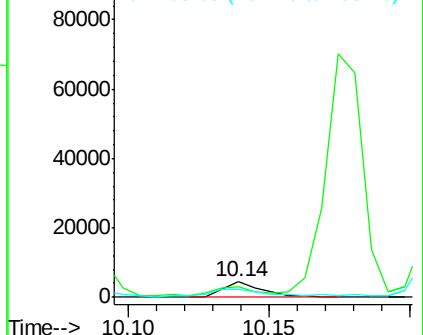
#64
4,6-Dinitro-2-methylphenol
Concen: 3.22 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

Tot Ion:198 Resp: 4306
Ion Ratio Lower Upper
198 100
51 72.3 53.2 93.2
105 52.3 45.8 85.8

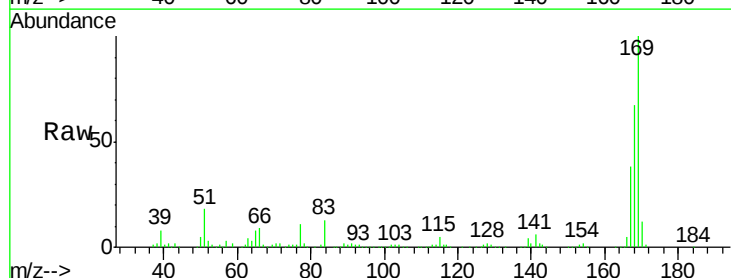


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

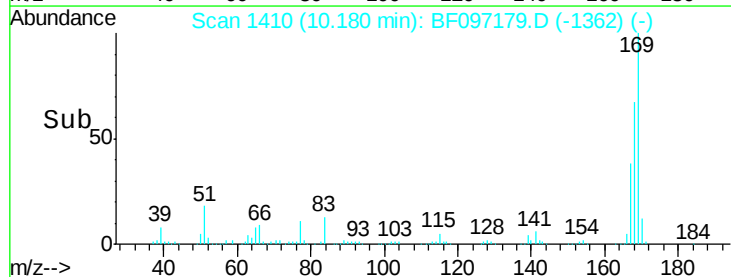
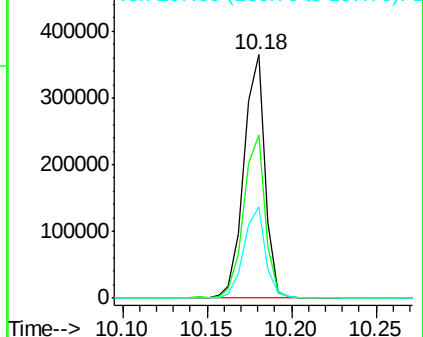


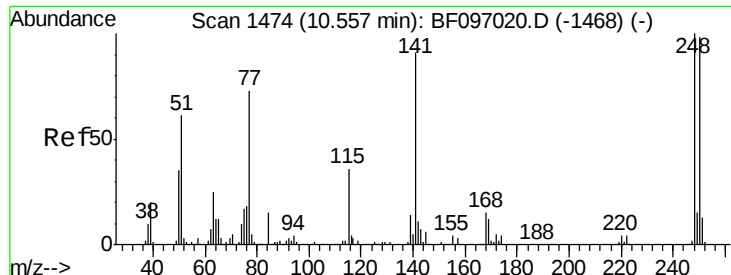
#65
n-Nitrosodiphenylamine
Concen: 43.01 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion:169 Resp: 322074
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 37.7 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

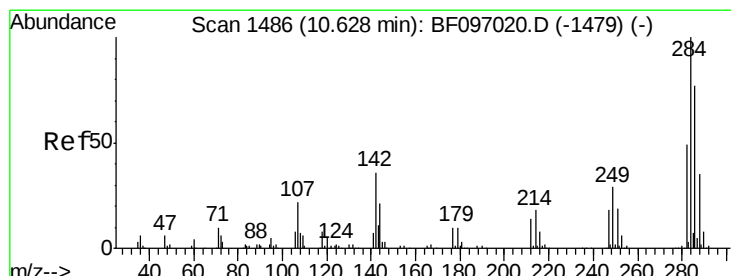
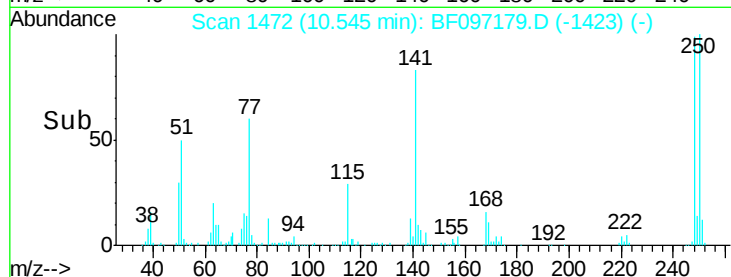
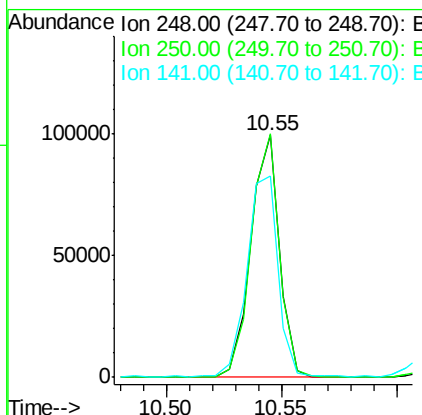
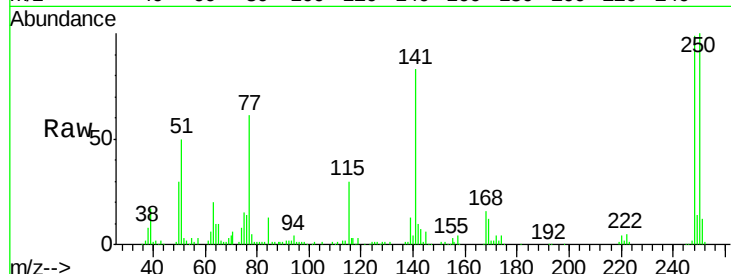




#66
 4-Bromophenyl-phenylether
 Concen: 40.14 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

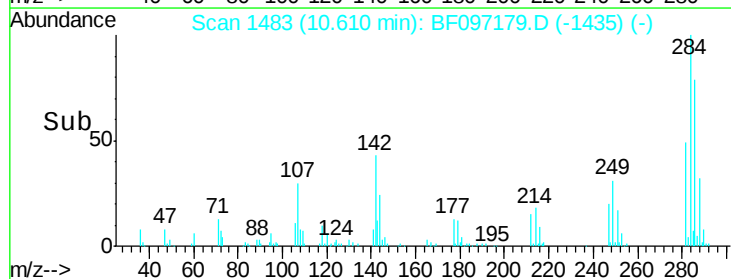
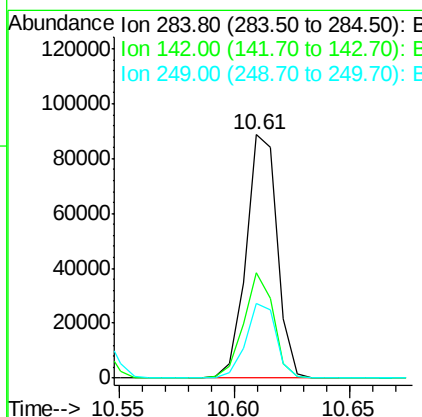
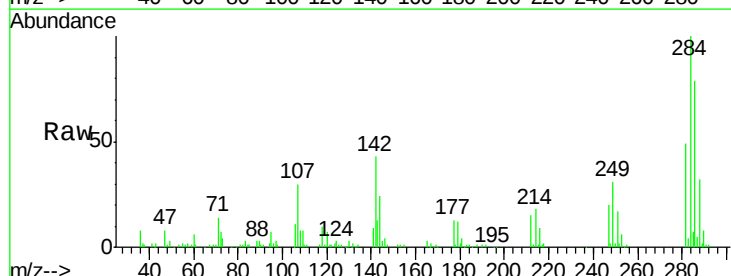
Instrument :
 BNA_F
 ClientSampled :
 TP-18D24MS

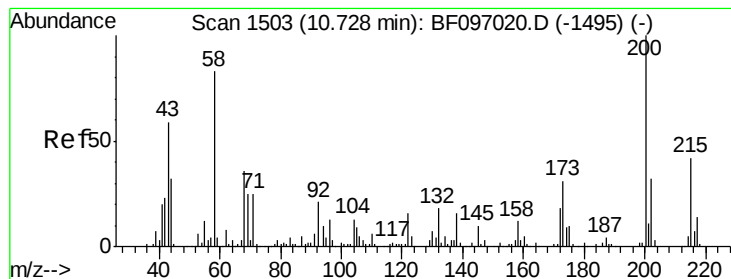
Tot Ion:248 Resp: 86213
 Ion Ratio Lower Upper
 248 100
 250 100.7 76.8 115.2
 141 83.5 68.6 103.0



#67
 Hexachlorobenzene
 Concen: 34.65 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BF097179.D
 Acq: 29 Jul 2017 3:01

Tgt Ion:284 Resp: 83444
 Ion Ratio Lower Upper
 284 100
 142 43.5 22.8 34.2#
 249 30.5 24.0 36.0





#68

Atrazine

Concen: 37.29 ng

RT: 10.71 min Scan# 1500

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

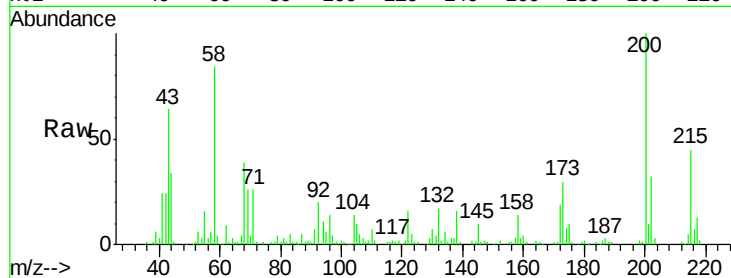
Tot Ion:200 Resp: 80078

Ion Ratio Lower Upper

200 100

173 30.5 6.3 46.3

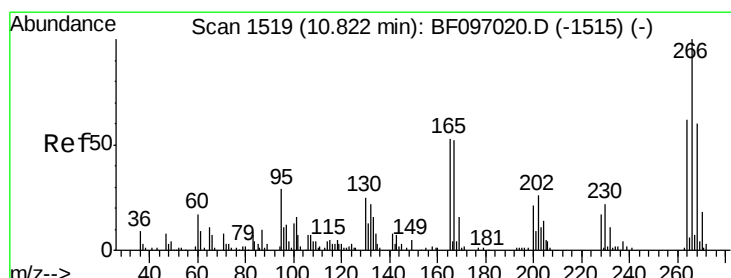
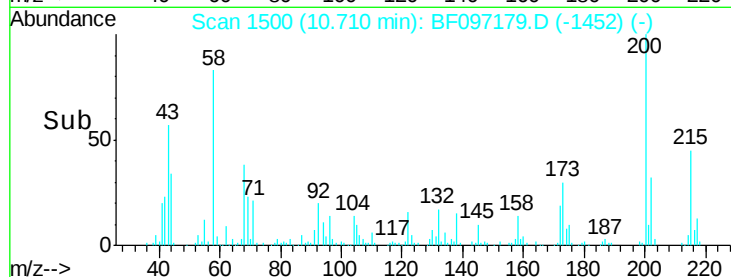
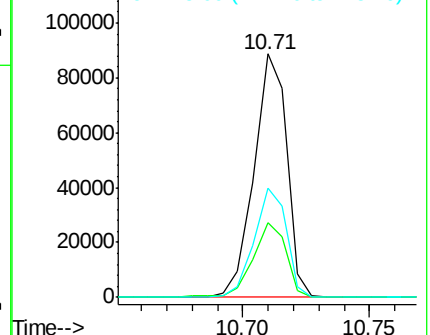
215 44.8 27.2 67.2



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: 70.45 ng

RT: 10.81 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

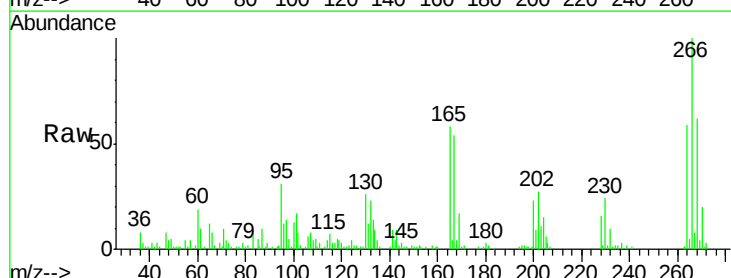
Tgt Ion:266 Resp: 70208

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

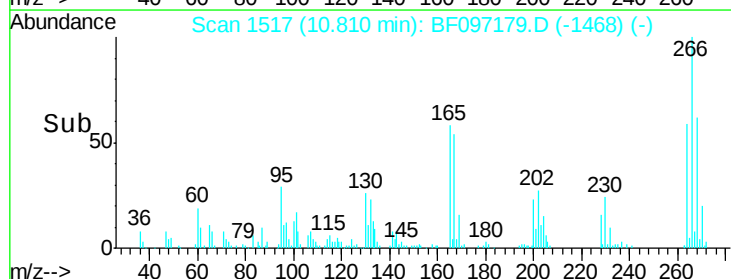
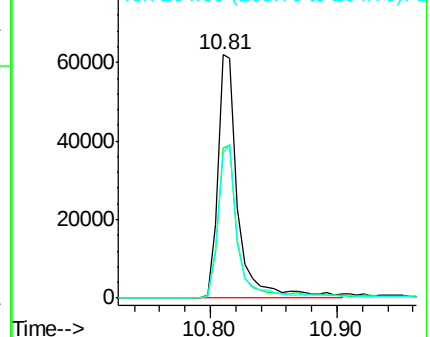
264 59.5 51.7 77.5

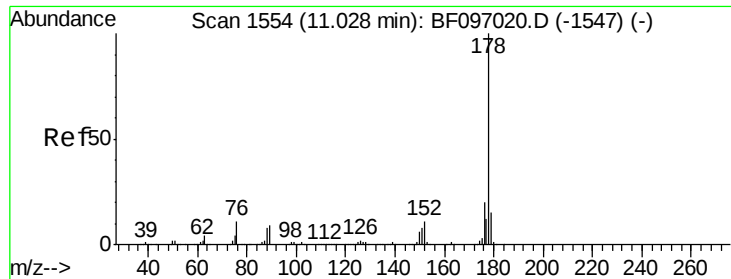


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

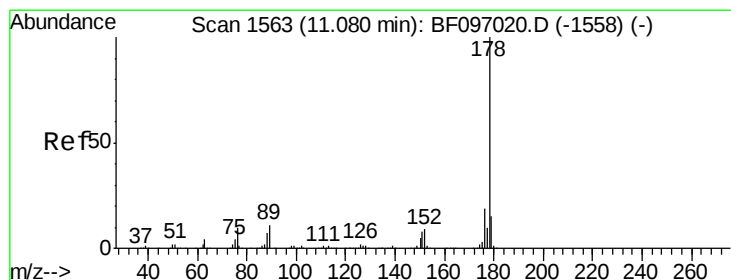
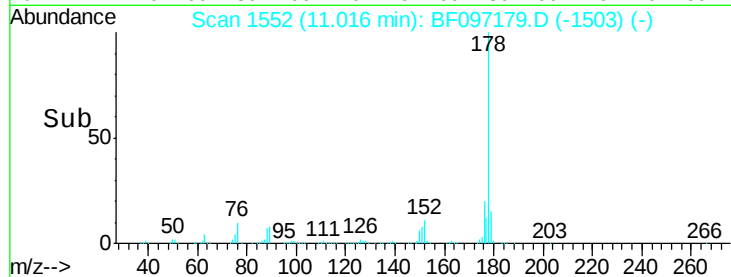
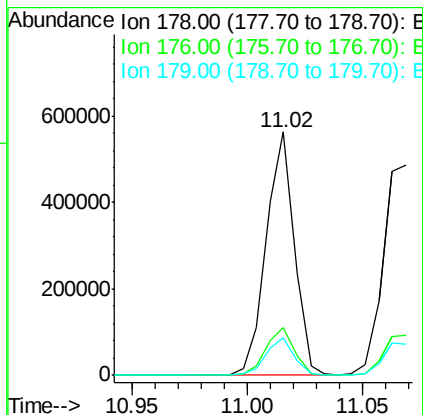
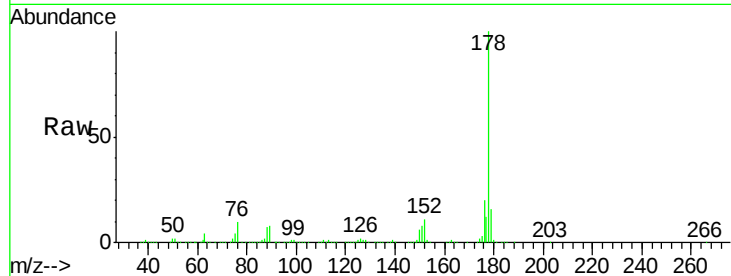




#70
Phenanthrene
Concen: 41.34 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

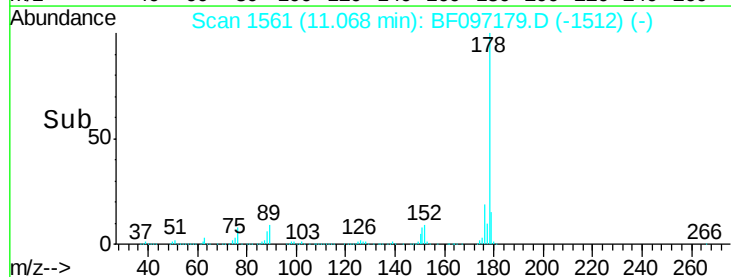
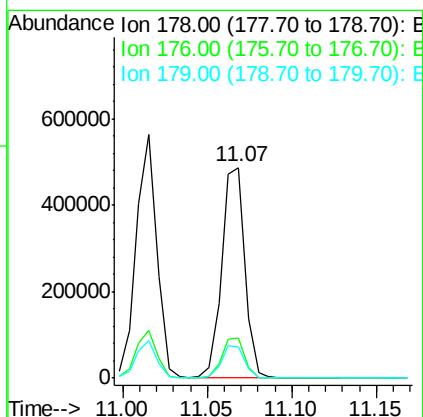
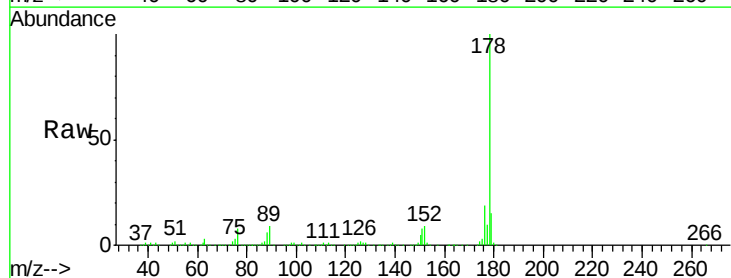
Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

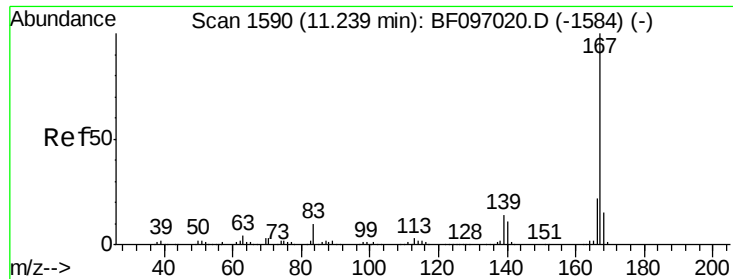
Tot Ion:178 Resp: 476757
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.6 12.6 19.0



#71
Anthracene
Concen: 39.21 ng
RT: 11.07 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion:178 Resp: 463111
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.0 12.7 19.1





#72

Carbazole

Concen: 38.89 ng

RT: 11.23 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

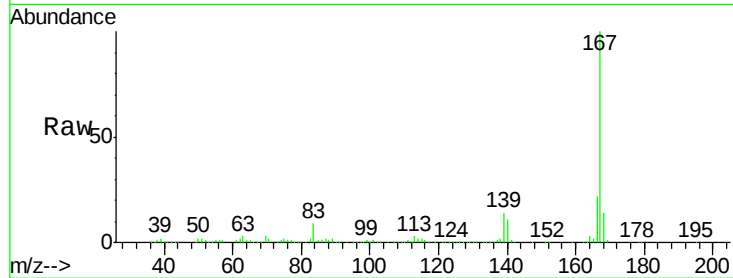
Tot Ion:167 Resp: 451692

Ion Ratio Lower Upper

167 100

166 21.8 18.1 27.1

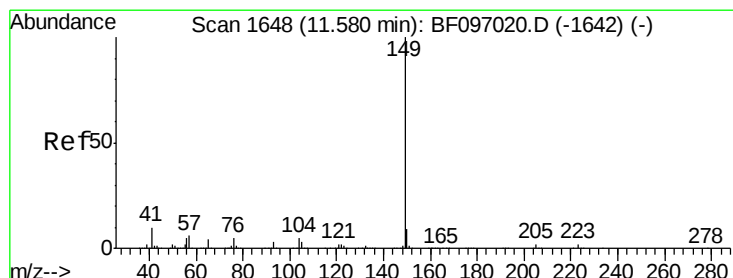
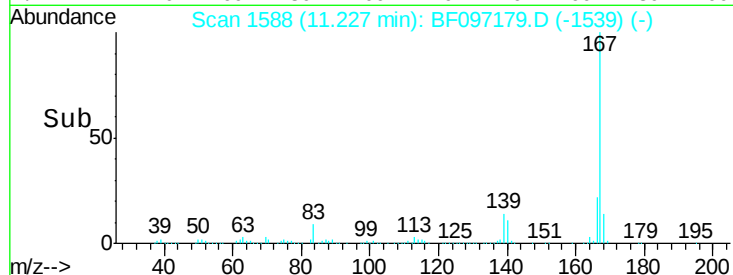
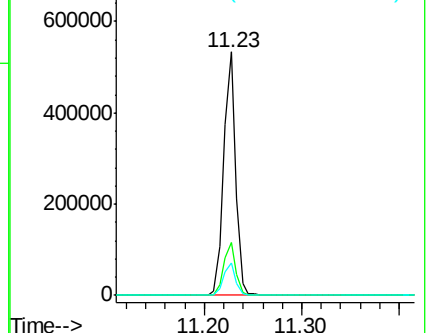
139 13.6 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 38.62 ng

RT: 11.57 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

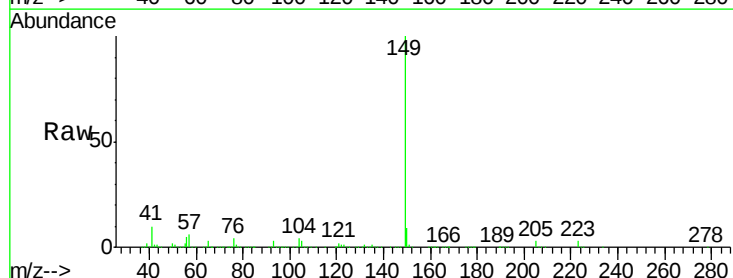
Tgt Ion:149 Resp: 554498

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

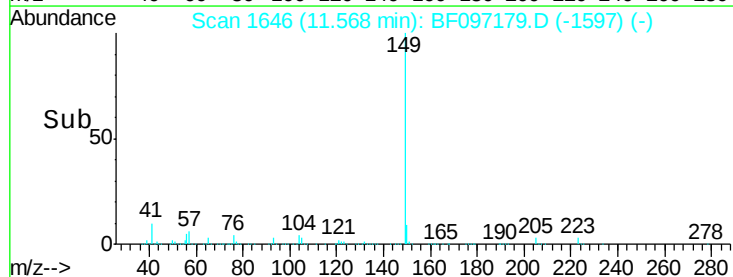
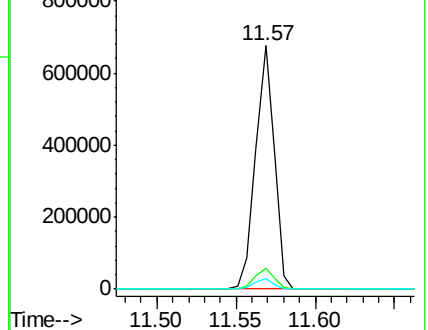
104 4.3 4.0 6.0

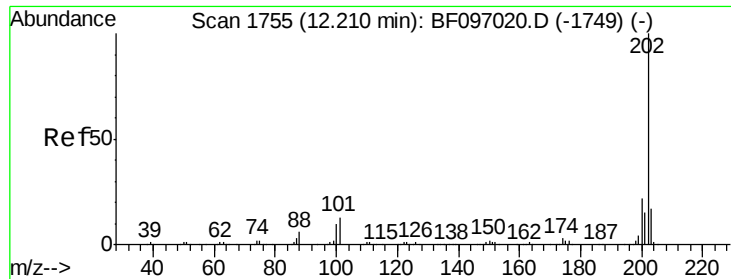


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

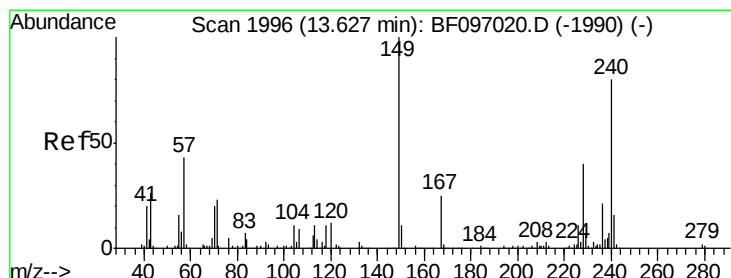
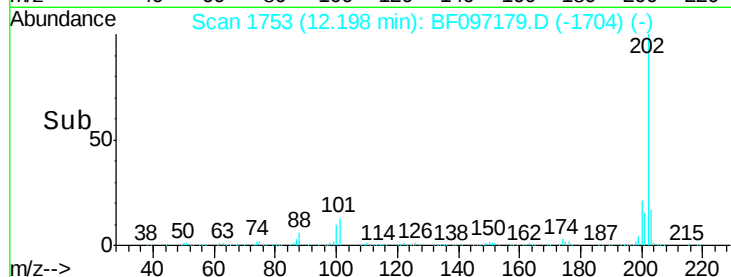
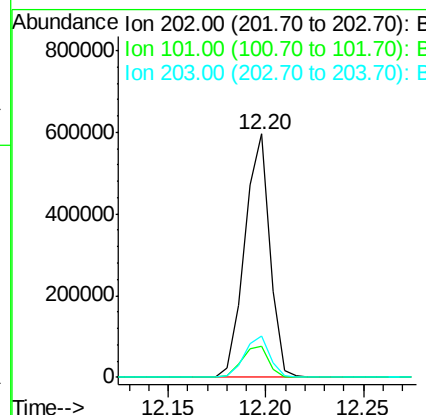
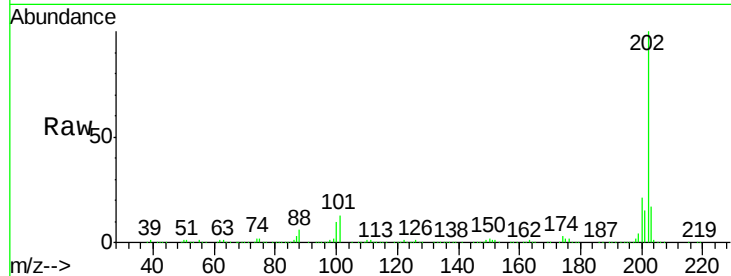




#74
Fluoranthene
Concen: 46.90 ng
RT: 12.20 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

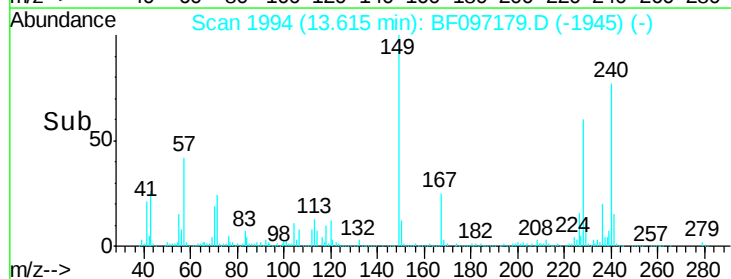
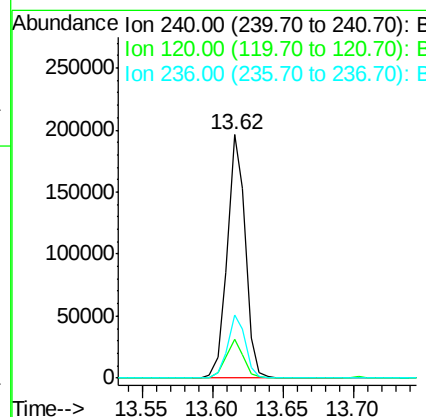
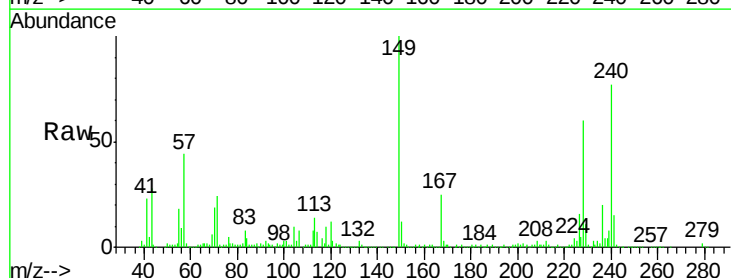
Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

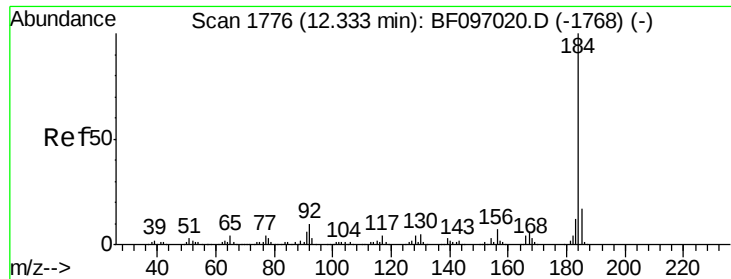
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	16.9	0.0	38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	25.7	20.5	30.7





#76

Benzidine

Concen: 45.38 ng

RT: 12.33 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

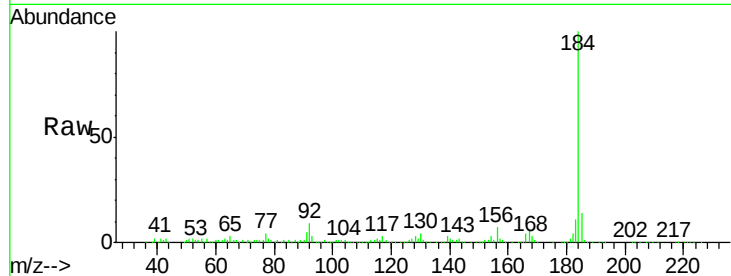
Tot Ion:184 Resp: 294318

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

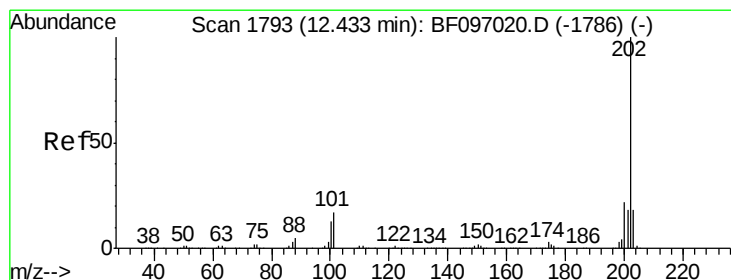
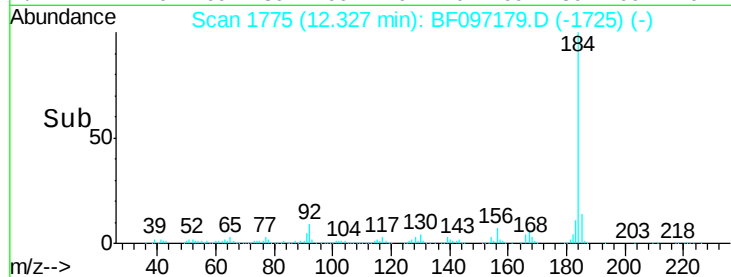
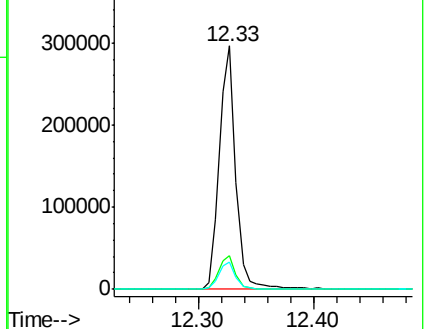
183 11.4 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 37.36 ng

RT: 12.42 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

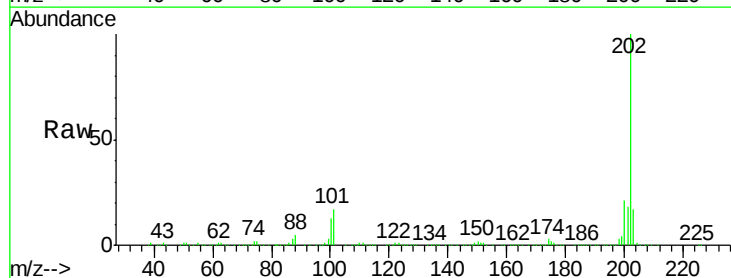
Tgt Ion:202 Resp: 534655

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

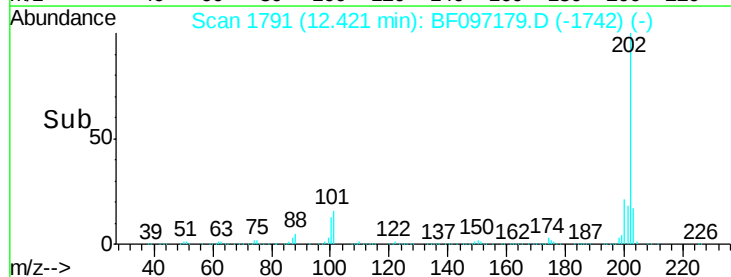
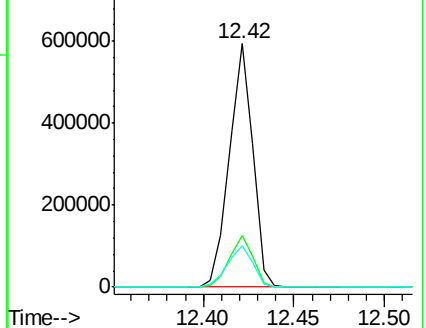
203 17.0 14.4 21.6

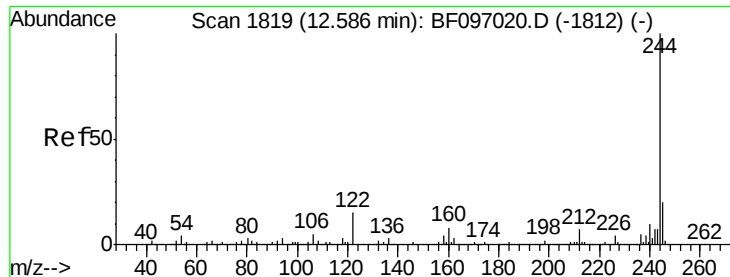


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.86 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

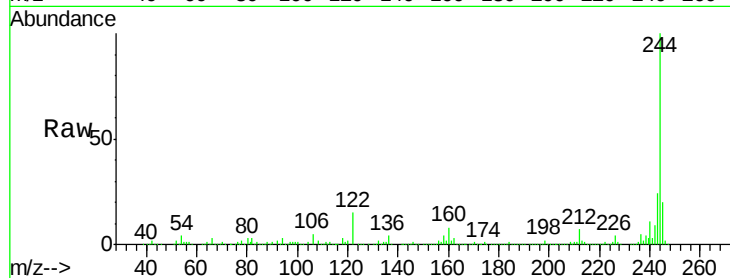
Tot Ion:244 Resp: 530338

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 14.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

600000

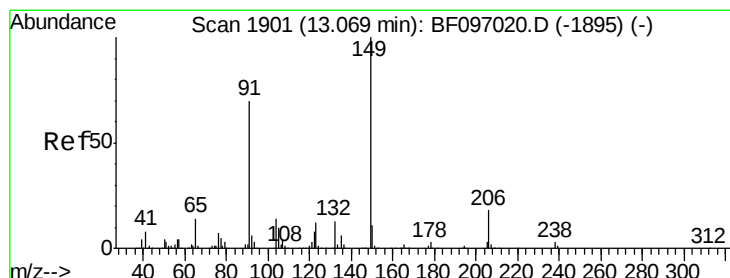
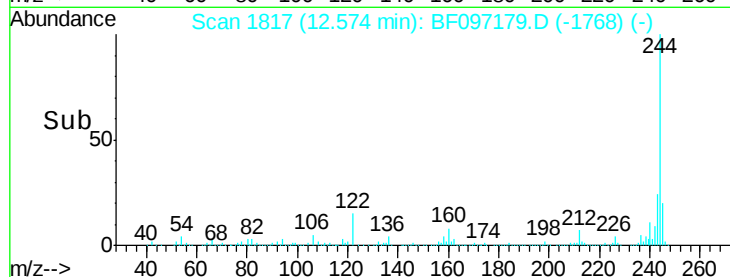
400000

200000

0

12.57

Time--> 12.50 12.60



#79

Butylbenzylphthalate

Concen: 34.05 ng

RT: 13.05 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

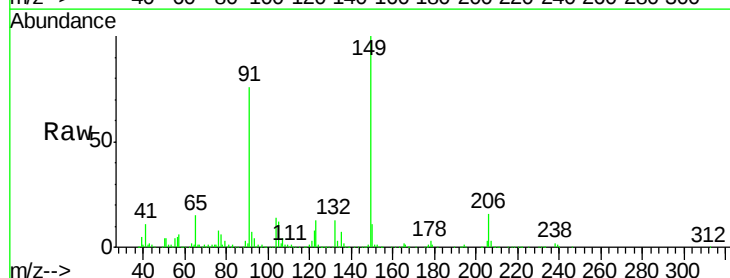
Tgt Ion:149 Resp: 247838

Ion Ratio Lower Upper

149 100

91 76.4 45.0 67.4#

206 16.2 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

300000

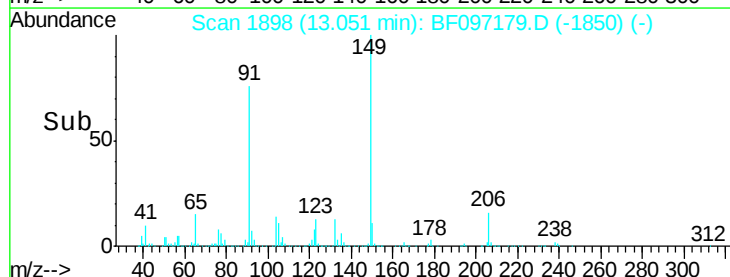
200000

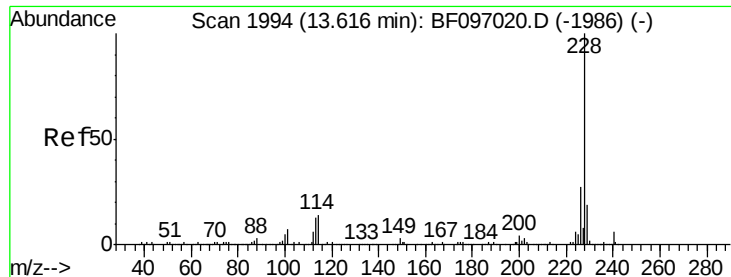
100000

0

13.05

Time--> 13.00 13.05 13.10





#80

Benzo(a)anthracene

Concen: 37.95 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

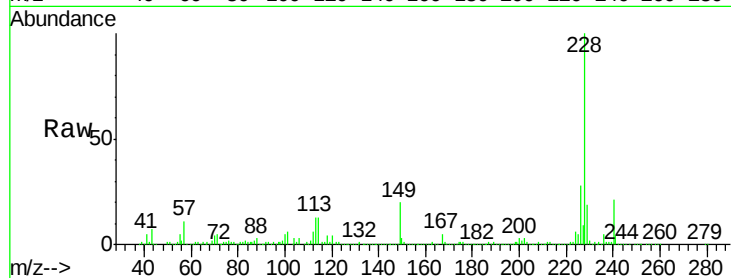
Tot Ion:228 Resp: 429210

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

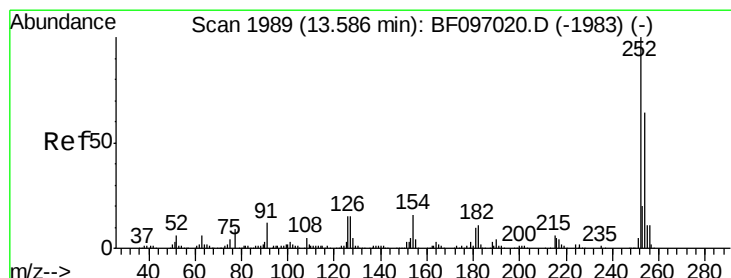
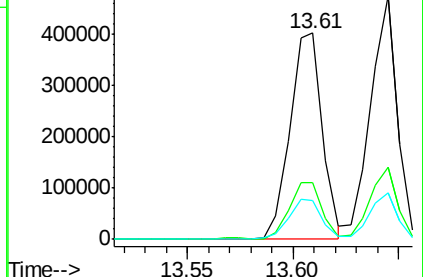
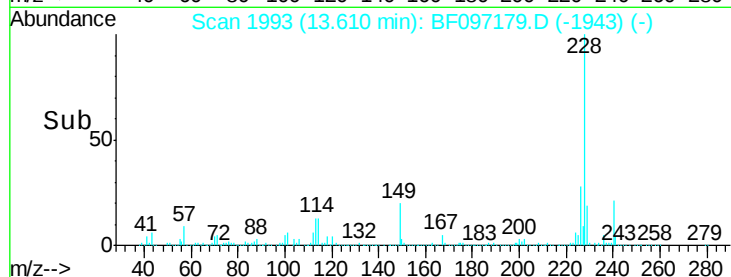
229 19.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 34.34 ng

RT: 13.57 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

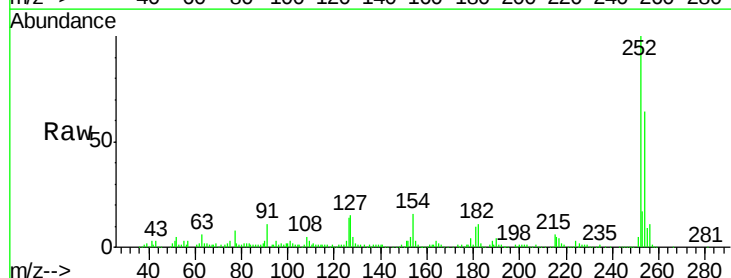
Tgt Ion:252 Resp: 146453

Ion Ratio Lower Upper

252 100

254 64.2 51.5 77.3

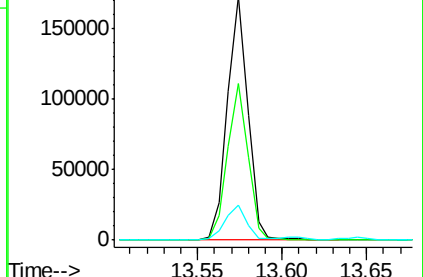
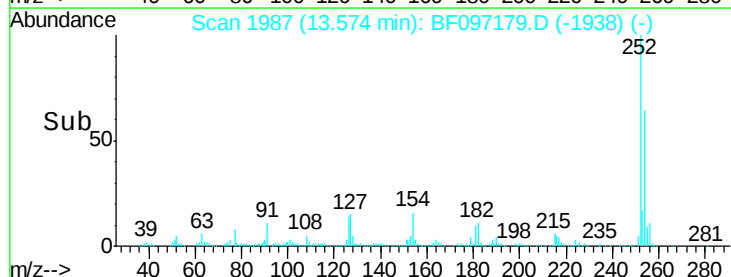
126 14.4 15.8 23.8#

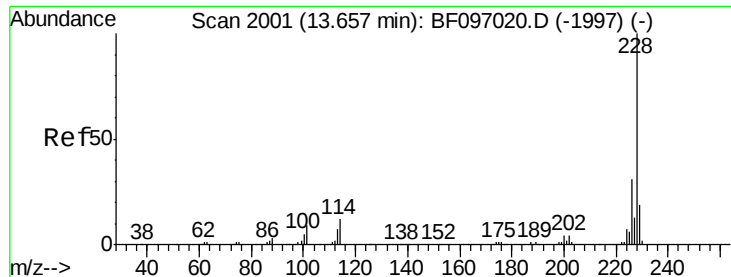


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.84 ng

RT: 13.64 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

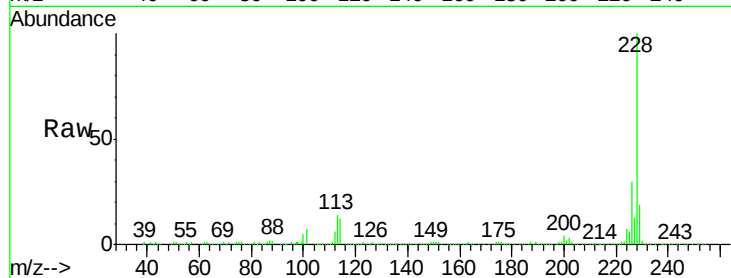
Tot Ion:228 Resp: 417913

Ion Ratio Lower Upper

228 100

226 29.8 24.9 37.3

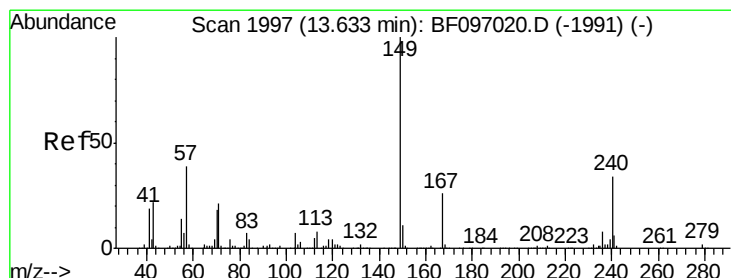
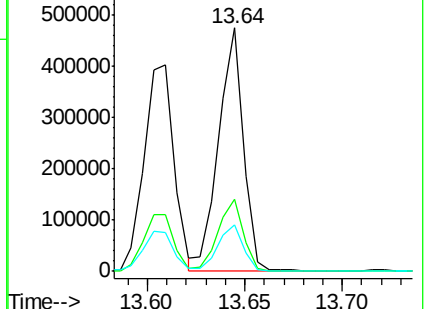
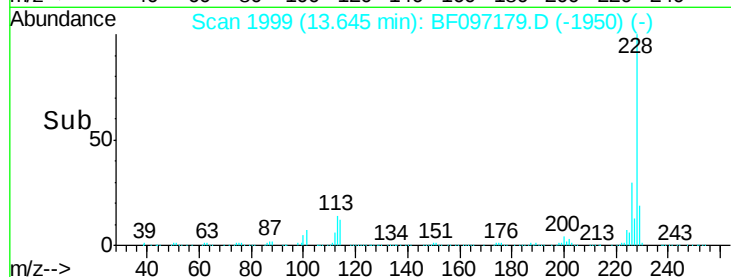
229 19.1 15.8 23.6



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: 34.45 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

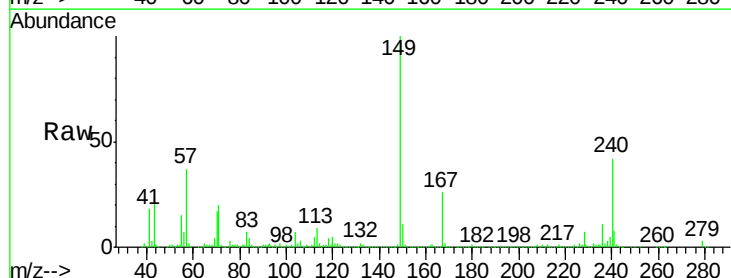
Tgt Ion:149 Resp: 327460

Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

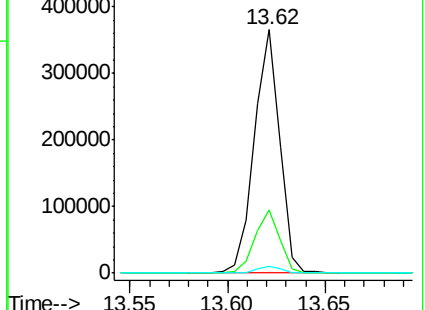
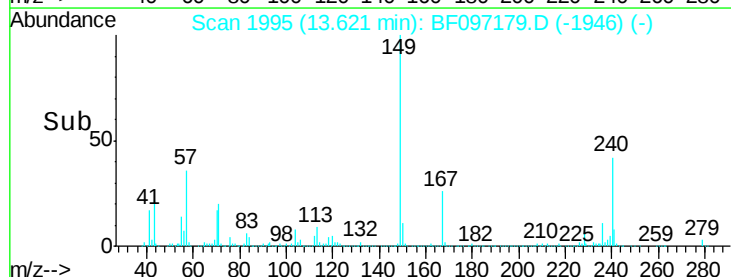
279 2.7 1.9 2.9

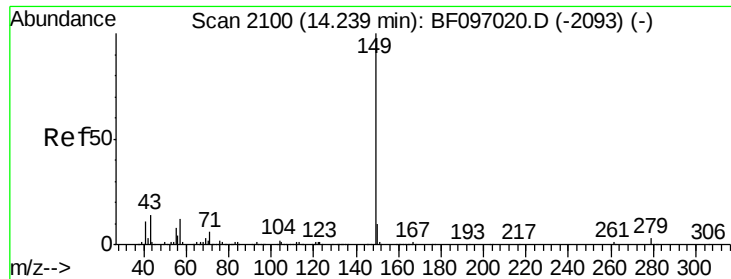


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

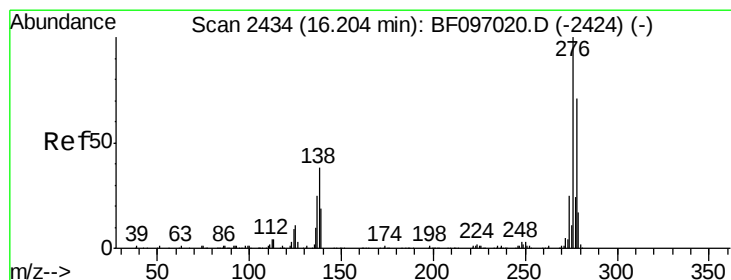
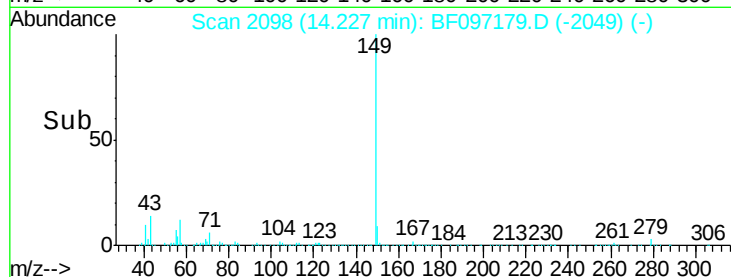
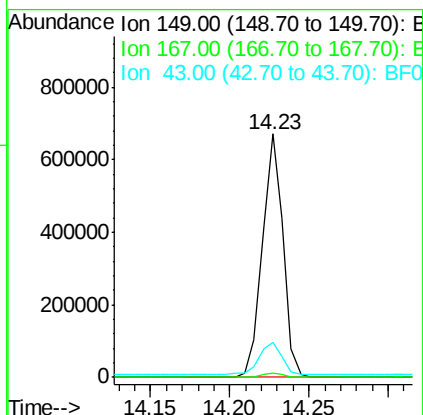
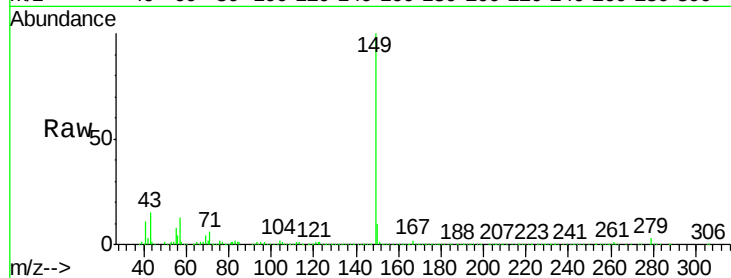




#84
Di-n-octyl phthalate
Concen: 34.99 ng
RT: 14.23 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

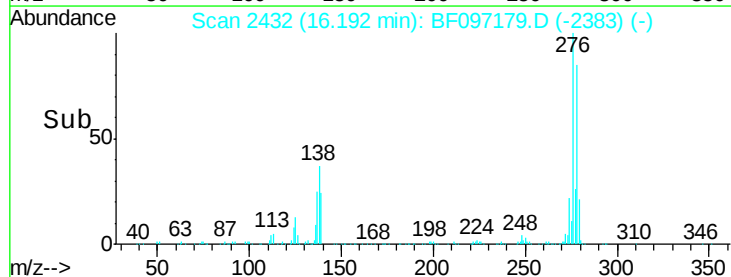
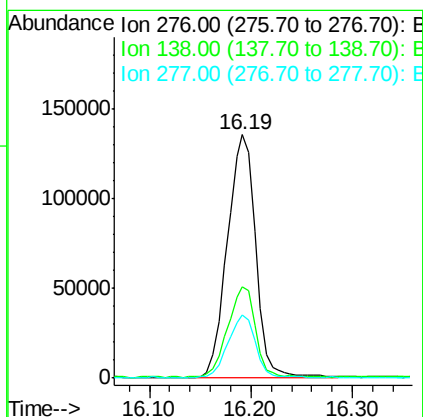
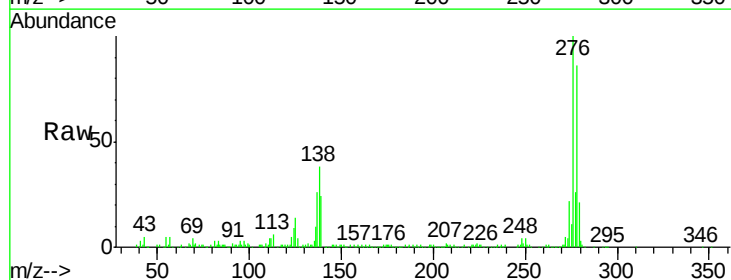
Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

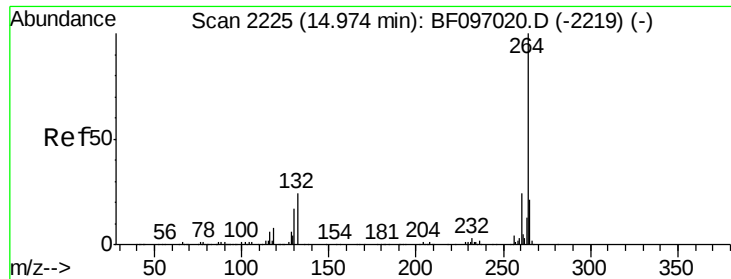
Tot Ion:149 Resp: 610222
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.0 8.5 12.7#



#85
Indeno(1,2,3-cd)pyrene
Concen: 27.64 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion:276 Resp: 261789
Ion Ratio Lower Upper
276 100
138 36.9 27.8 41.6
277 24.9 20.2 30.4

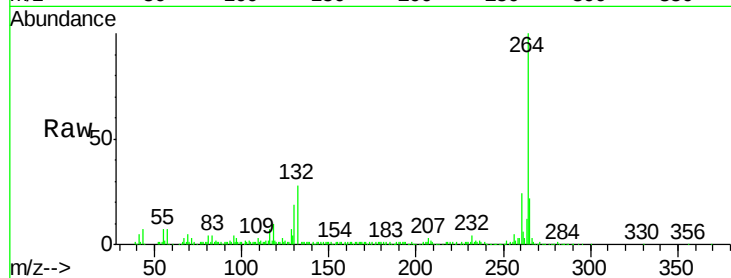




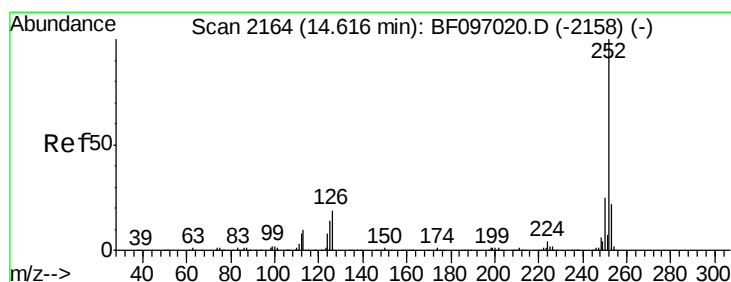
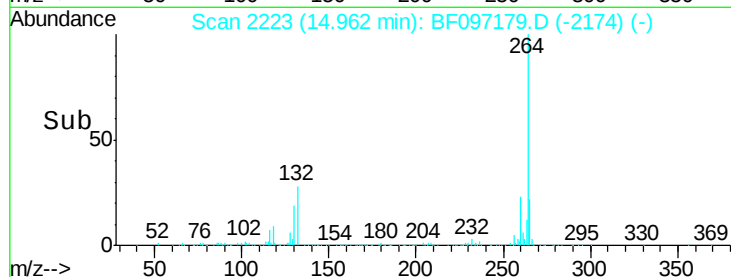
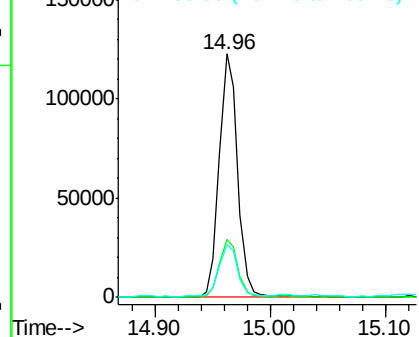
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

Tot Ion:264 Resp: 136480
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.9 17.2 25.8

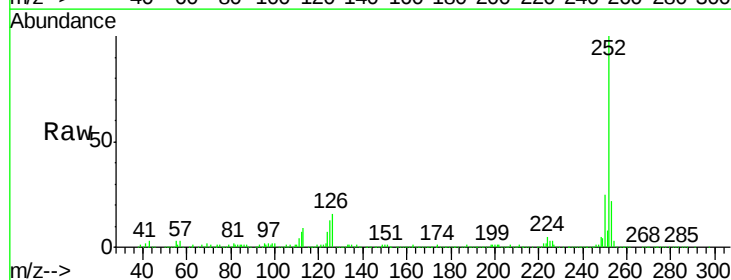


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

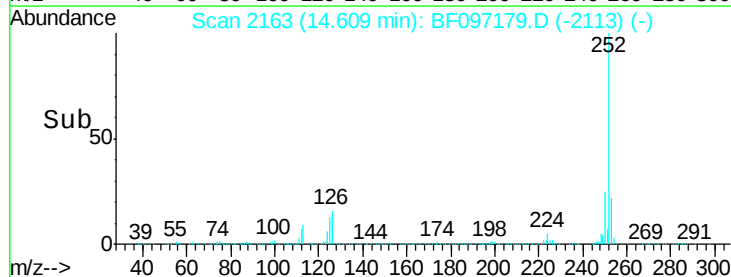
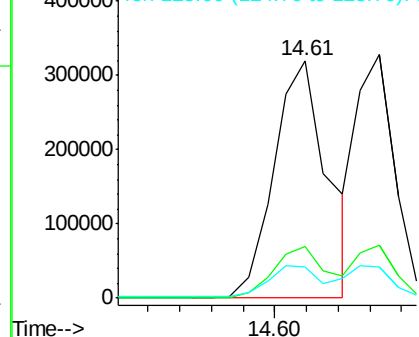


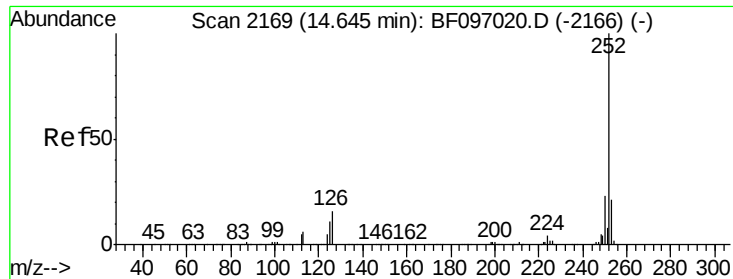
#87
Benzo(b)fluoranthene
Concen: 45.49 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion:252 Resp: 373214
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 13.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

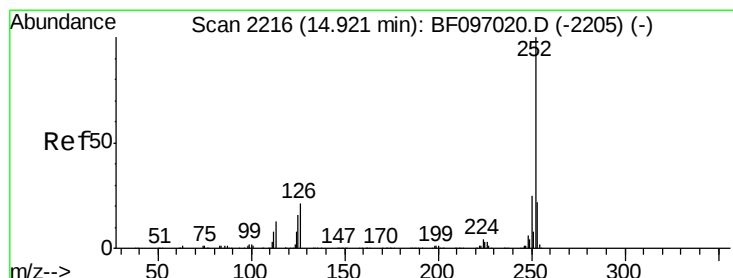
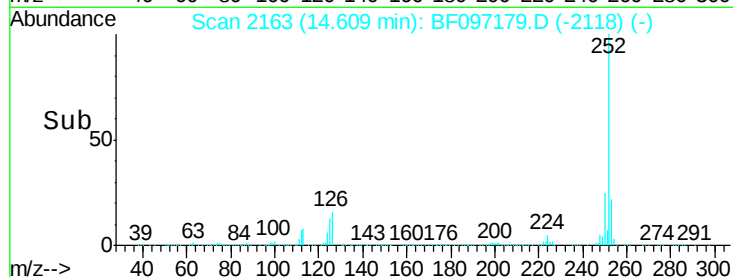
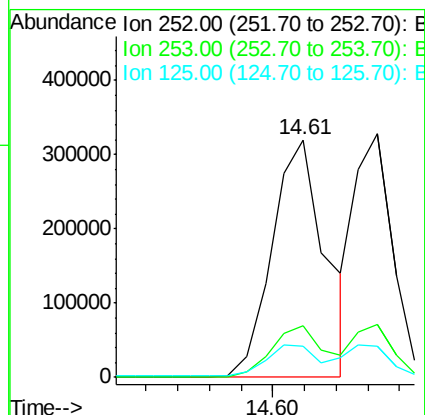
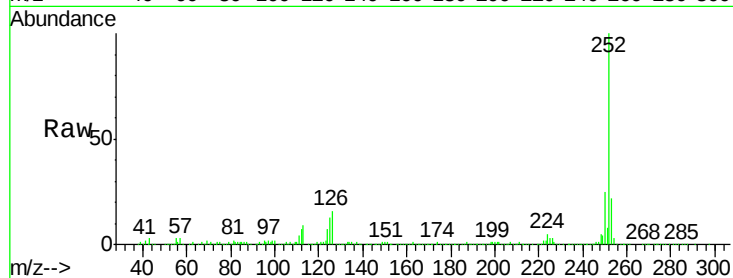




#88
Benzo(k)fluoranthene
Concen: 47.74 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

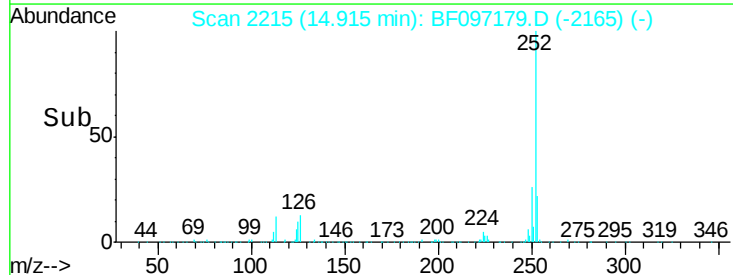
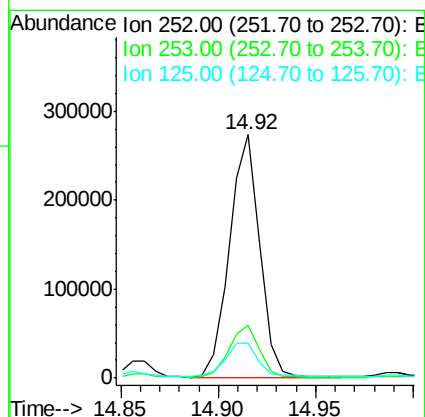
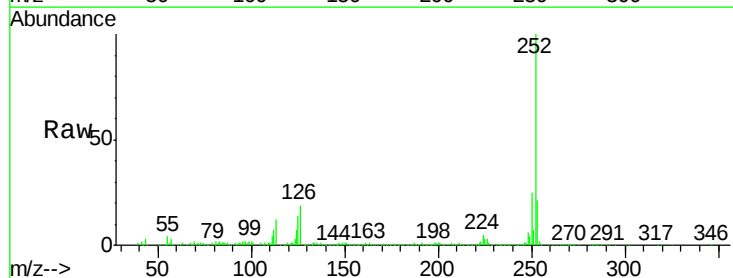
Instrument :
BNA_F
ClientSampleId :
TP-18D24MS

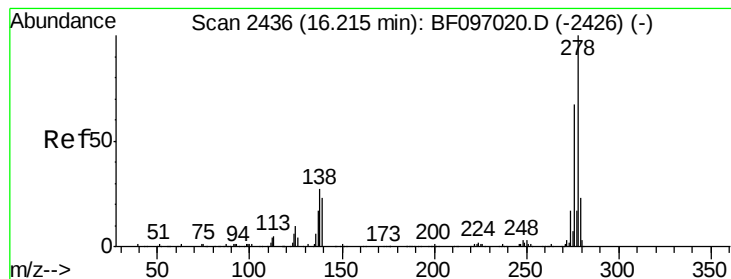
Tot Ion:252 Resp: 373214
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 13.4 13.1 19.7



#89
Benzo(a)pyrene
Concen: 39.03 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF097179.D
Acq: 29 Jul 2017 3:01

Tgt Ion:252 Resp: 293042
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 14.5 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 34.52 ng

RT: 16.20 min Scan# 2433

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

Instrument :

BNA_F

ClientSampleId :

TP-18D24MS

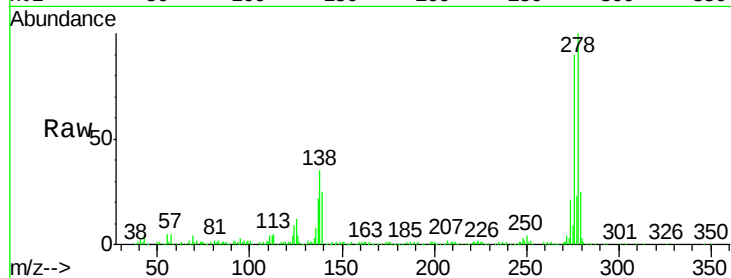
Tot Ion:278 Resp: 212533

Ion Ratio Lower Upper

278 100

139 24.7 16.6 24.8

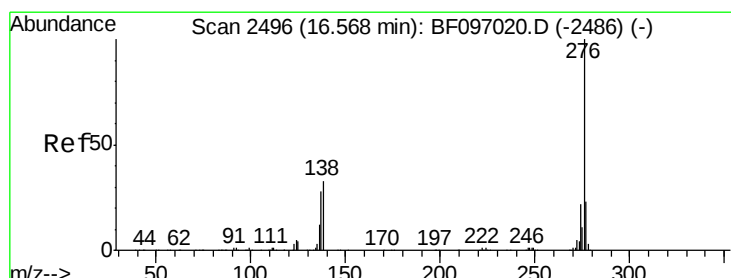
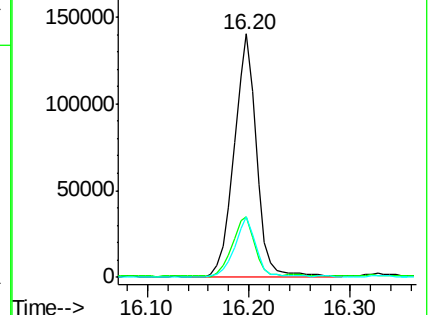
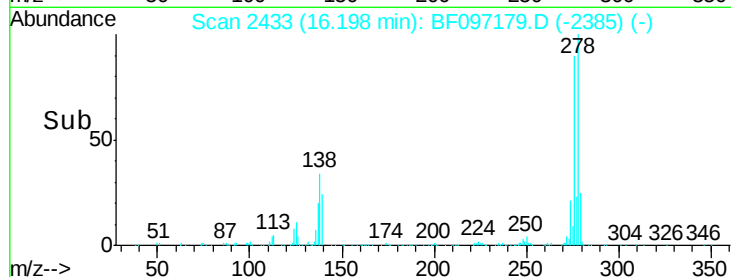
279 24.8 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 34.44 ng

RT: 16.55 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BF097179.D

Acq: 29 Jul 2017 3:01

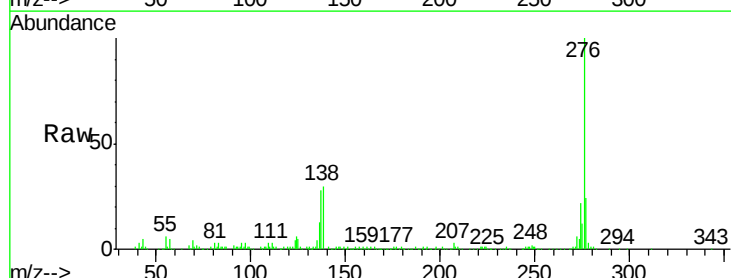
Tgt Ion:276 Resp: 222362

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 30.1 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

