

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097847.D
 Acq On : 18 Aug 2017 22:00
 Operator : SJ/JU
 Sample : I4811-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Quant Time: Aug 19 00:14:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112095	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	447208	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	202305	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	401979	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	333649	20.00	ng	-0.01
86) Perylene-d12	15.36	264	277971	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	840384	114.04	ng	0.00
7) Phenol-d6	6.41	99	1154403	115.29	ng	0.00
23) Nitrobenzene-d5	7.34	82	728799	88.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	225200	128.30	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1047371	76.06	ng	-0.01
78) Terphenyl-d14	12.88	244	987611	61.73	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	124597	30.32	ng	90
3) Pyridine	3.19	79	223840	19.70	ng	88
4) n-Nitrosodimethylamine	3.13	42	156165	35.72	ng	81
6) Aniline	6.43	93	402401	28.61	ng	98
8) 2-Chlorophenol	6.56	128	299671	38.56	ng	96
9) Benzaldehyde	6.32	77	125716	19.82	ng	85
10) Phenol	6.42	94	444117	37.92	ng	97
11) bis(2-Chloroethyl)ether	6.51	93	328173	37.13	ng	97
12) 1,3-Dichlorobenzene	6.71	146	293129	35.06	ng	# 90
13) 1,4-Dichlorobenzene	6.79	146	295459	34.75	ng	# 95
14) 1,2-Dichlorobenzene	6.95	146	280894	35.83	ng	99
15) Benzyl Alcohol	6.92	79	317617	42.37	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	434868	36.57	ng	91
17) 2-Methylphenol	7.03	107	273250	39.90	ng	96
18) Hexachloroethane	7.29	117	119470	35.84	ng	# 82
19) n-Nitroso-di-n-propylamine	7.19	70	248991	36.33	ng	89
20) 3+4-Methylphenols	7.18	107	325176	38.87	ng	94
22) Acetophenone	7.19	105	440028	37.25	ng	# 87
24) Nitrobenzene	7.36	77	393181	42.90	ng	93
25) Isophorone	7.60	82	694338	40.56	ng	97
26) 2-Nitrophenol	7.67	139	145320	44.23	ng	# 82
27) 2,4-Dimethylphenol	7.71	122	264811	37.09	ng	92
28) bis(2-Chloroethoxy)methane	7.81	93	426863	37.93	ng	98
29) 2,4-Dichlorophenol	7.91	162	237441	40.07	ng	92
30) 1,2,4-Trichlorobenzene	8.00	180	240288	36.58	ng	99
31) Naphthalene	8.08	128	855827	36.86	ng	100
32) Benzoic acid	7.77	122	21496	9.99	ng	90
33) 4-Chloroaniline	8.13	127	313511	32.02	ng	99
34) Hexachlorobutadiene	8.20	225	133410	34.78	ng	95
35) Caprolactam	8.49	113	29502	14.64	ng	91
36) 4-Chloro-3-methylphenol	8.61	107	298920	39.26	ng	# 80
37) 2-Methylnaphthalene	8.77	142	562410	39.51	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	223638	36.02	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	261672	87.73	ng	100

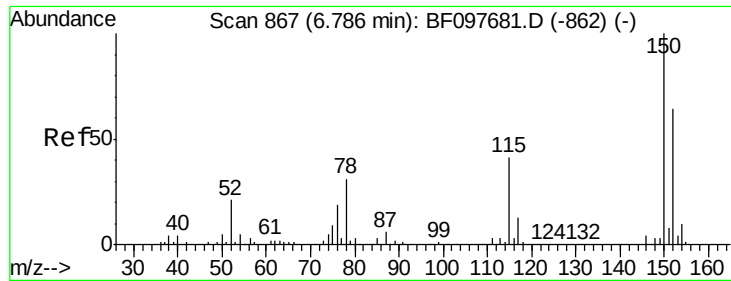
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	165668	39.74	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	171870	41.56	nq	94
45) 1,1'-Biphenyl	9.23	154	665542	36.08	nq	96
46) 2-Chloronaphthalene	9.26	162	490890	36.01	nq	# 92
47) 2-Nitroaniline	9.35	65	206248	45.13	nq	93
48) Acenaphthylene	9.67	152	825618	38.57	nq	99
49) Dimethylphthalate	9.54	163	718256	48.57	nq	99
50) 2,6-Dinitrotoluene	9.60	165	127463	43.18	nq	# 63
51) Acenaphthene	9.85	154	534044	39.56	nq	99
52) 3-Nitroaniline	9.76	138	141544	37.17	nq	# 80
53) 2,4-Dinitrophenol	9.87	184	81241	60.67	nq	# 78
54) Dibenzofuran	10.02	168	727982	40.23	nq	99
55) 4-Nitrophenol	9.93	139	241405	79.46	nq	# 38
56) 2,4-Dinitrotoluene	10.00	165	172971	46.69	nq	# 49
57) Fluorene	10.36	166	533937	38.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	143127	44.70	nq	95
59) Diethylphthalate	10.24	149	618171	39.97	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	245258	37.74	nq	90
61) 4-Nitroaniline	10.37	138	154382	42.65	nq	# 65
62) Azobenzene	10.51	77	761408	41.45	nq	92
64) 4,6-Dinitro-2-methylphenol	10.40	198	74145	40.68	nq	87
65) n-Nitrosodiphenylamine	10.47	169	500984	36.60	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	155834	37.33	nq	98
67) Hexachlorobenzene	10.90	284	152552	35.85	nq	# 87
68) Atrazine	11.00	200	158766	43.73	nq	98
69) Pentachlorophenol	11.10	266	172950	69.72	nq	98
70) Phenanthrene	11.32	178	818429	38.21	nq	99
71) Anthracene	11.37	178	839465	38.64	nq	99
72) Carbazole	11.52	167	815444	39.54	nq	99
73) Di-n-butylphthalate	11.86	149	970340	40.85	nq	99
74) Fluoranthene	12.50	202	900276	40.27	nq	100
76) Benzidine	12.62	184	63897	5.84	nq	# 92
77) Pyrene	12.73	202	930408	34.10	nq	98
79) Butylbenzylphthalate	13.36	149	420370	40.18	nq	# 72
80) Benzo(a)anthracene	13.92	228	720623	36.04	nq	100
81) 3,3'-Dichlorobenzidine	13.88	252	243441	36.08	nq	# 96
82) Chrysene	13.96	228	741786	37.29	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	495380	42.73	nq	# 100
84) Di-n-octyl phthalate	14.53	149	964250	47.80	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	619772	42.35	nq	94
87) Benzo(b)fluoranthene	14.94	252	706086	40.30	nq	99
88) Benzo(k)fluoranthene	14.97	252	622575	37.82	nq	# 95
89) Benzo(a)pyrene	15.30	252	634278	40.89	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	509548	40.35	nq	98
91) Benzo(g,h,i)perylene	17.18	276	525394	39.87	nq	# 92

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

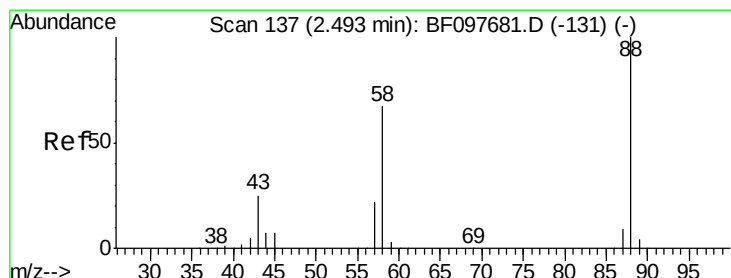
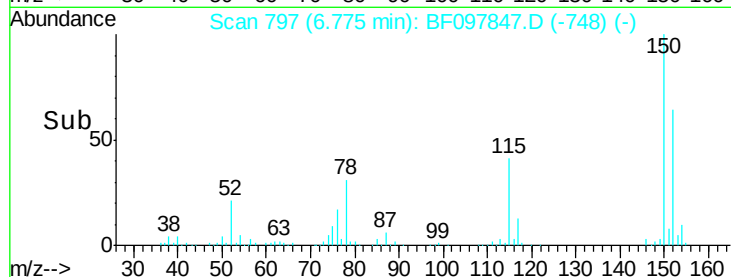
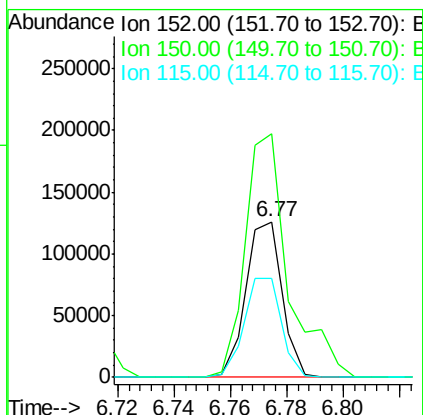
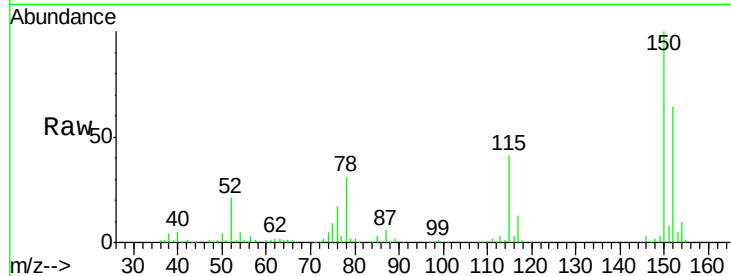


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampled :
E4-24MS

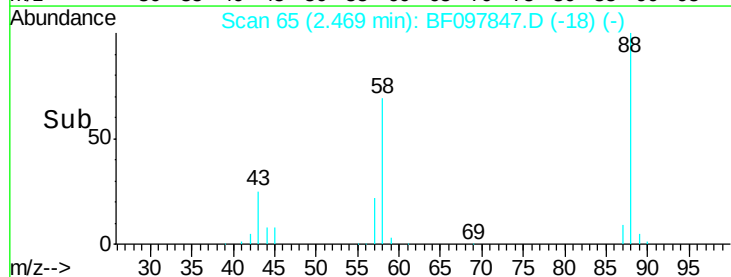
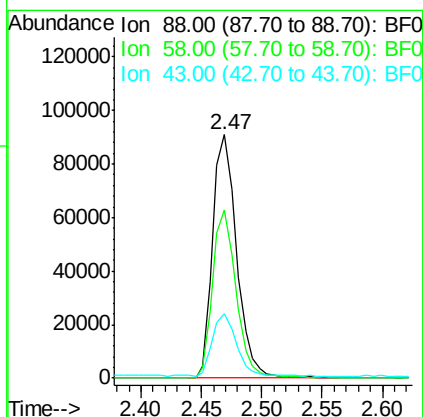
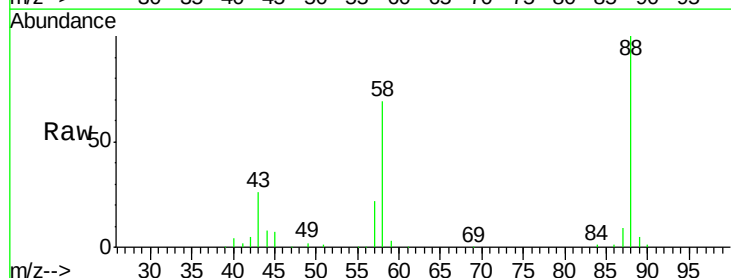
Tot Ion:152 Resp: 112095
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 63.4 52.2 78.2

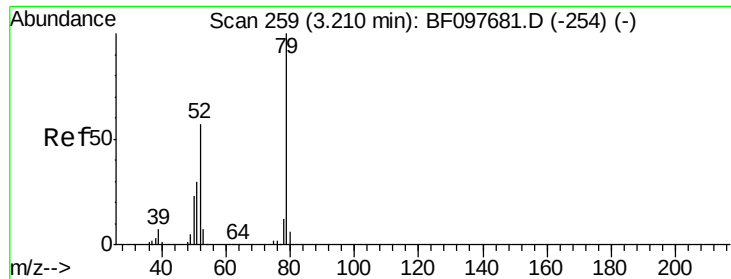


#2

1,4-Dioxane
Concen: 30.32 ng
RT: 2.47 min Scan# 65
Delta R.T. -0.02 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion: 88 Resp: 124597
Ion Ratio Lower Upper
88 100
58 67.6 61.4 92.0
43 25.1 23.4 35.0

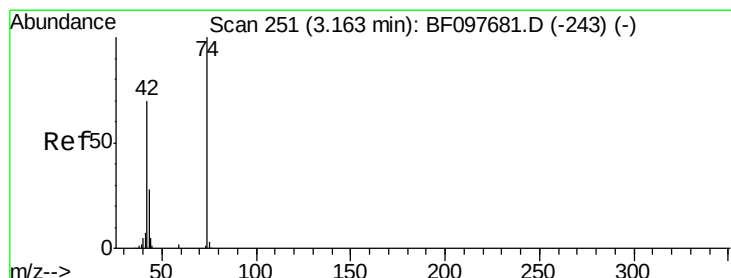
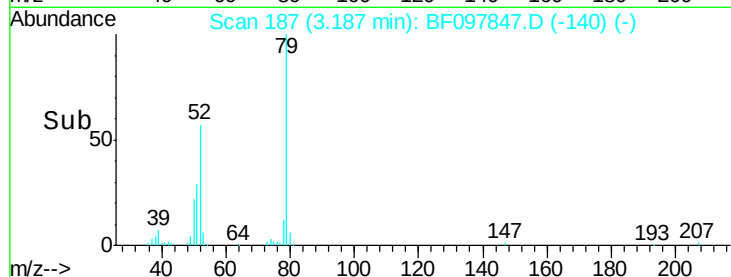
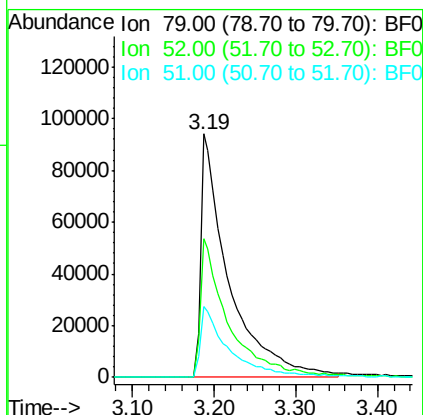
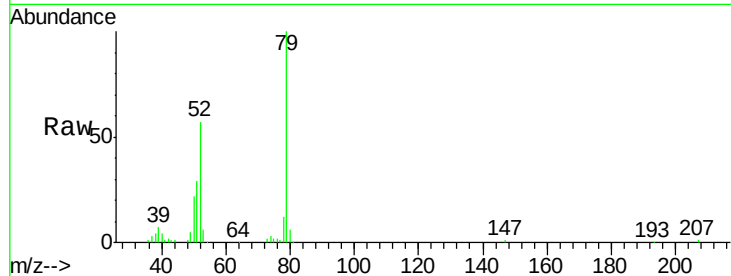




#3
Pvrirdine
Concen: 19.70 ng
RT: 3.19 min Scan# 187
Delta R.T. -0.02 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

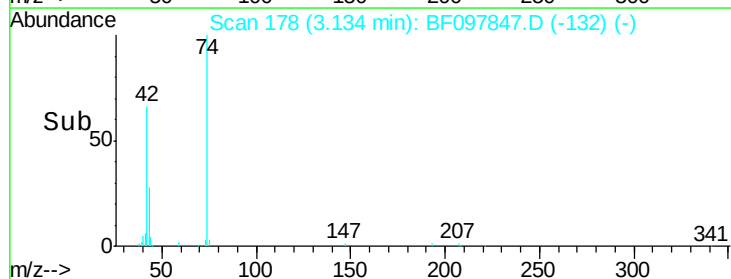
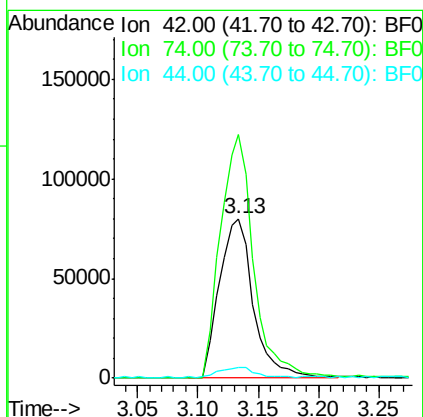
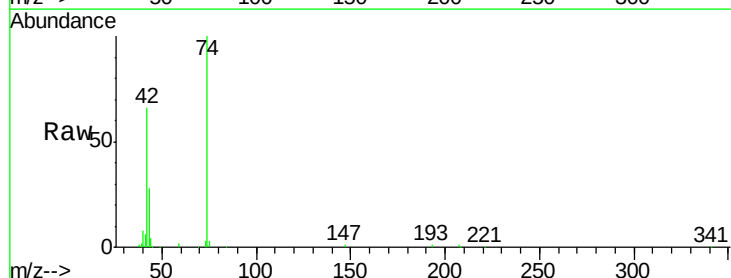
Instrument :
BNA_F
ClientSampleId :
E4-24MS

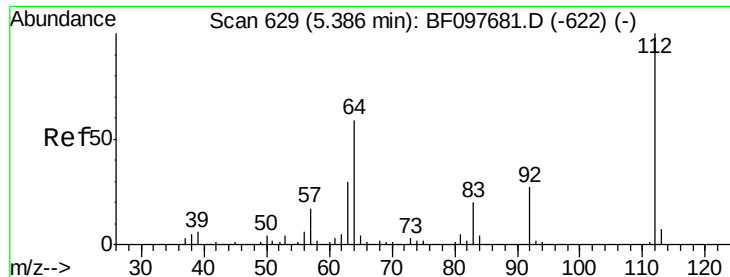
Tot Ion: 79 Resp: 223840
Ion Ratio Lower Upper
79 100
52 56.8 54.8 82.2
51 29.1 27.0 40.4



#4
n-Nitrosodimethylamine
Concen: 35.72 ng
RT: 3.13 min Scan# 178
Delta R.T. -0.03 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion: 42 Resp: 156165
Ion Ratio Lower Upper
42 100
74 152.6 103.9 155.9
44 6.6 5.7 8.5





#5

2-Fluorophenol

Concen: 114.04 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampled :

E4-24MS

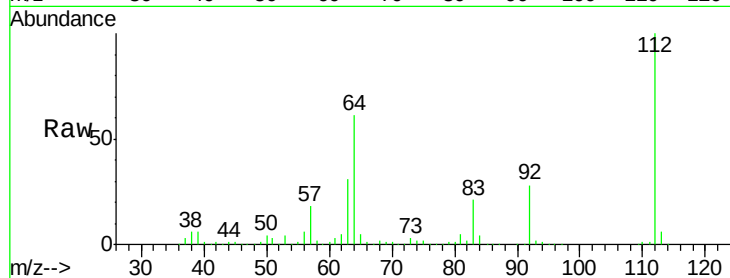
Tot Ion: 112 Resp: 840384

Ion Ratio Lower Upper

112 100

64 60.6 46.0 69.0

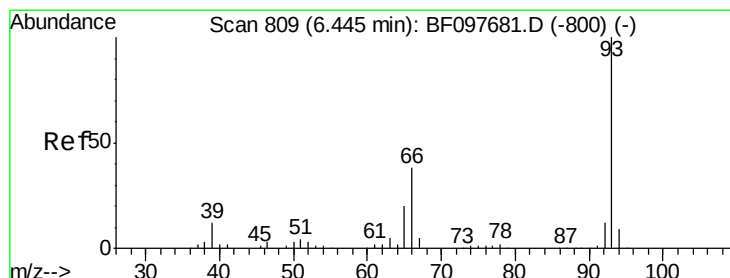
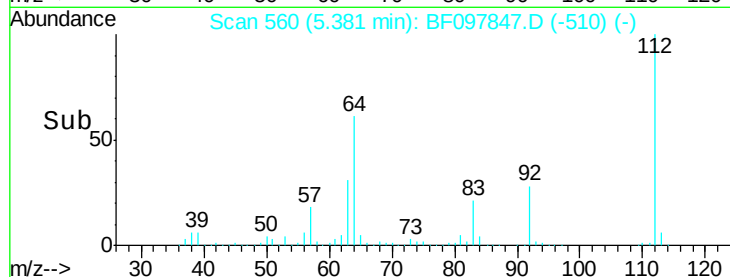
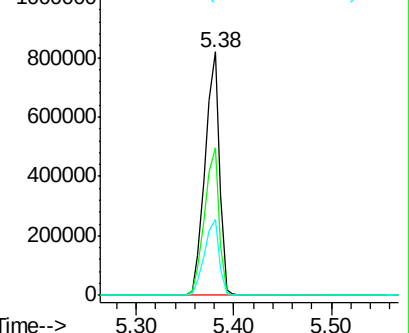
63 31.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.61 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

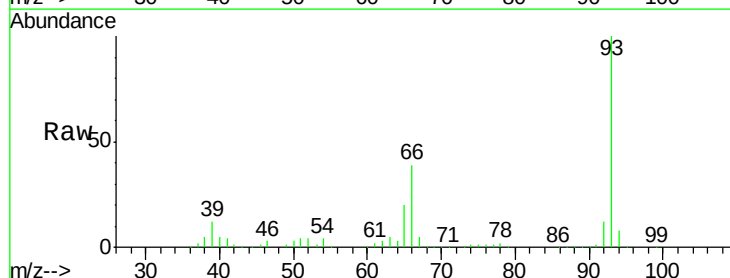
Tgt Ion: 93 Resp: 402401

Ion Ratio Lower Upper

93 100

66 39.3 32.9 49.3

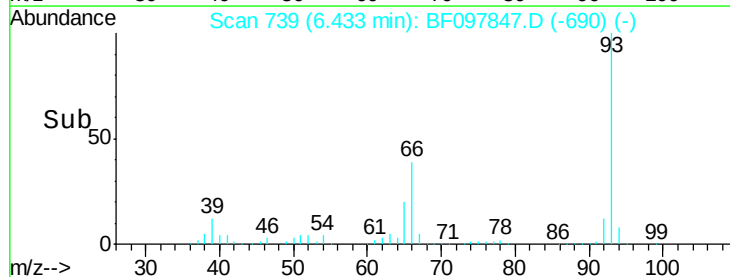
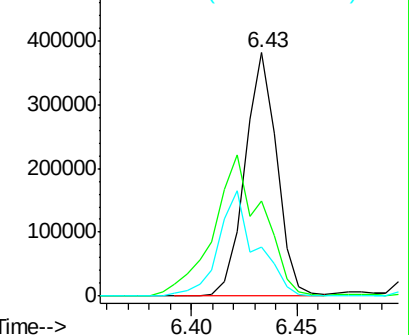
65 19.9 16.0 24.0

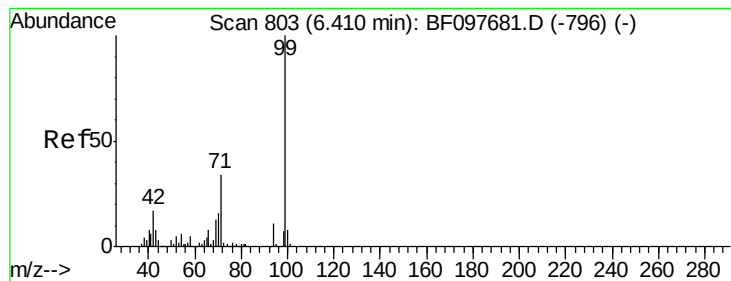


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.29 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

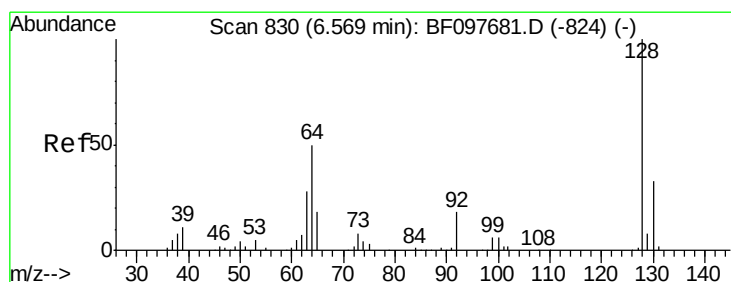
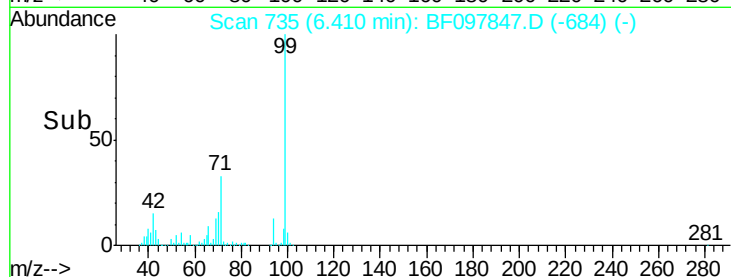
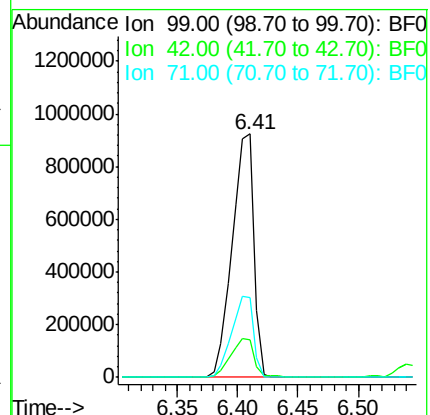
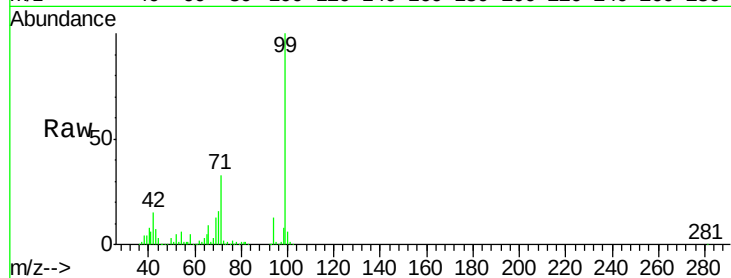
Tot Ion: 99 Resp: 1154403

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

71 32.9 24.5 36.7



#8

2-Chlorophenol

Concen: 38.56 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

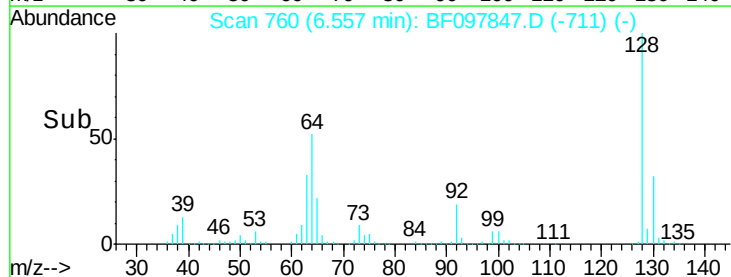
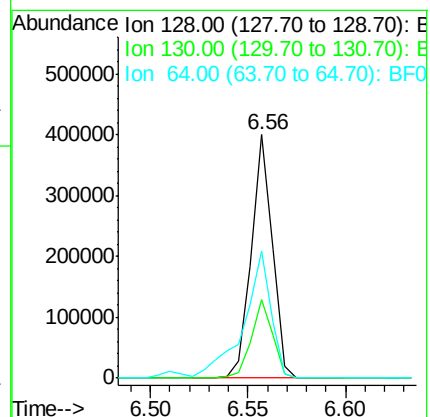
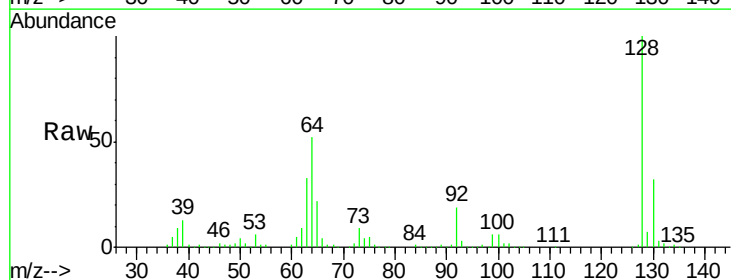
Tgt Ion: 128 Resp: 299671

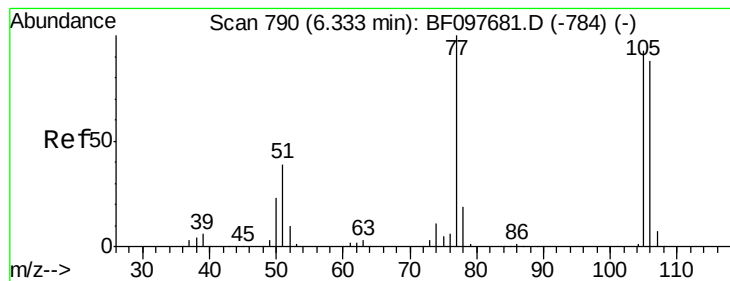
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 52.2 28.4 68.4





#9

Benzaldehyde

Concen: 19.82 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

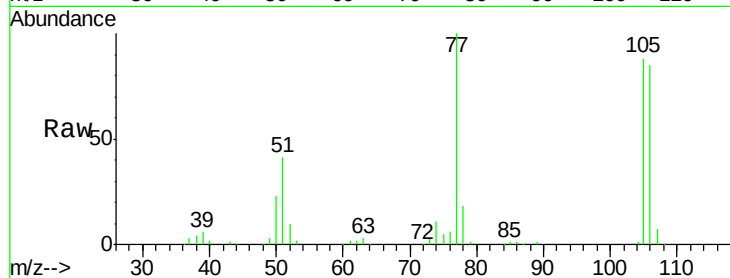
Tot Ion: 77 Resp: 125716

Ion Ratio Lower Upper

77 100

105 87.8 83.8 123.8

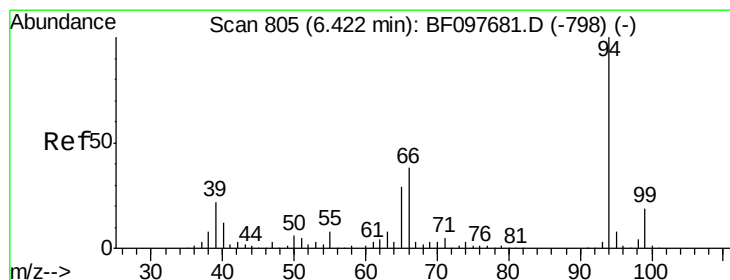
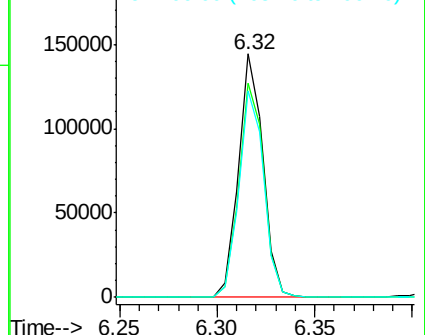
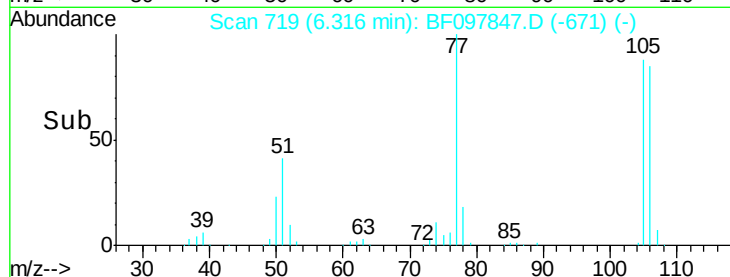
106 85.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.92 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

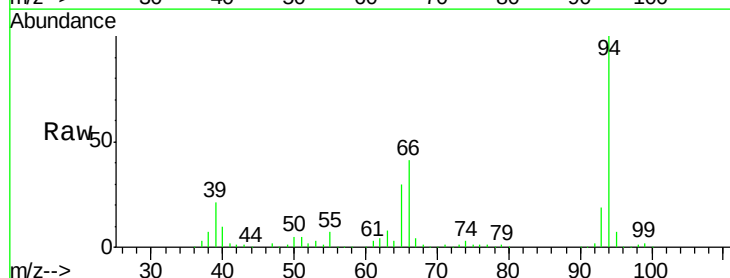
Tgt Ion: 94 Resp: 444117

Ion Ratio Lower Upper

94 100

65 30.1 9.9 49.9

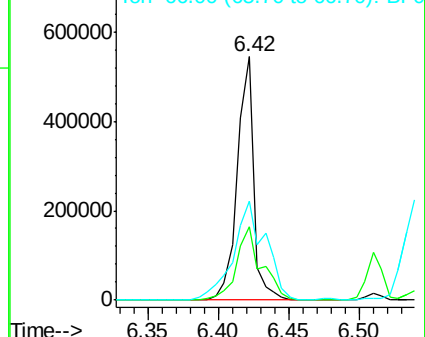
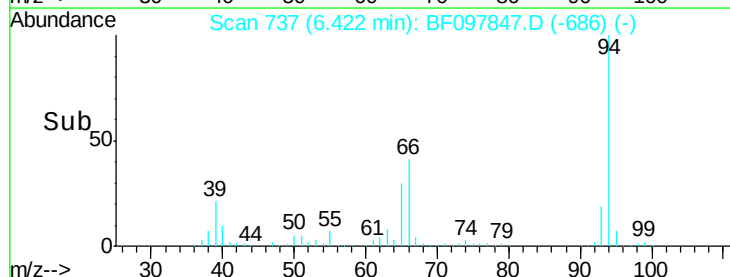
66 40.6 23.1 63.1

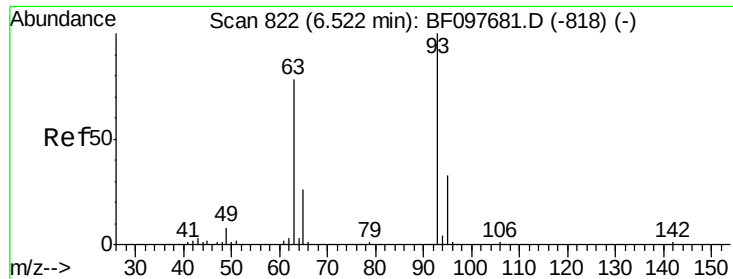


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

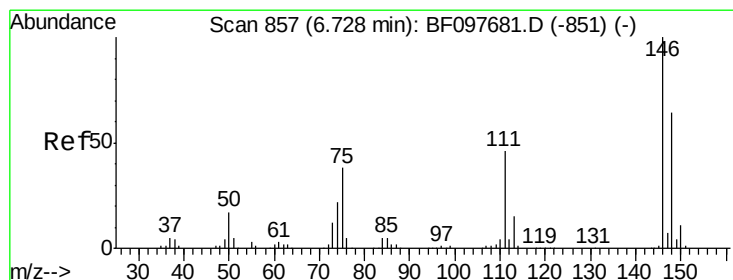
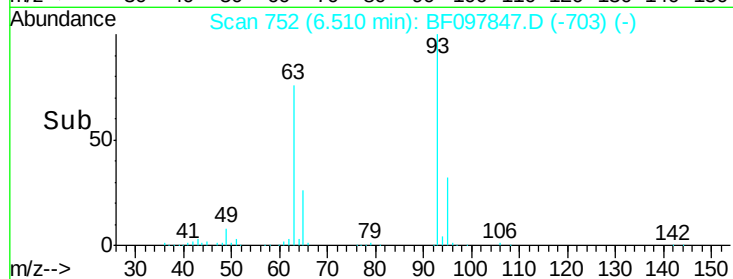
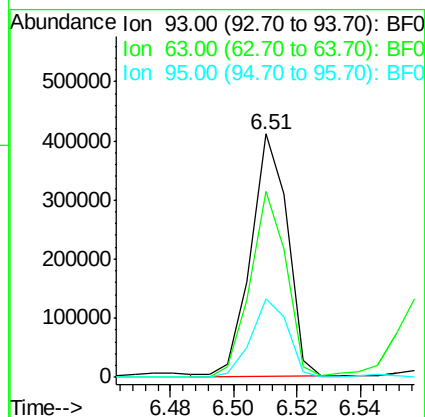
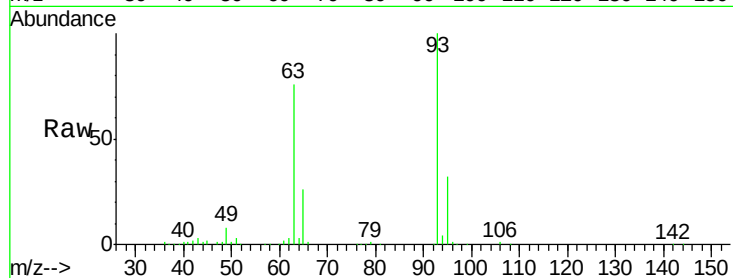




#11
 bis(2-Chloroethyl)ether
 Concen: 37.13 ng
 RT: 6.51 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

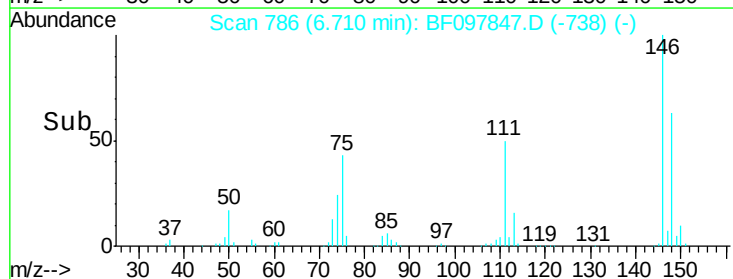
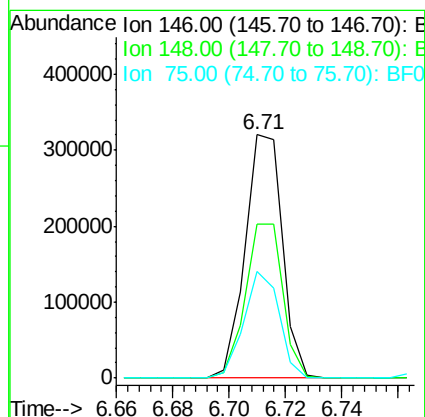
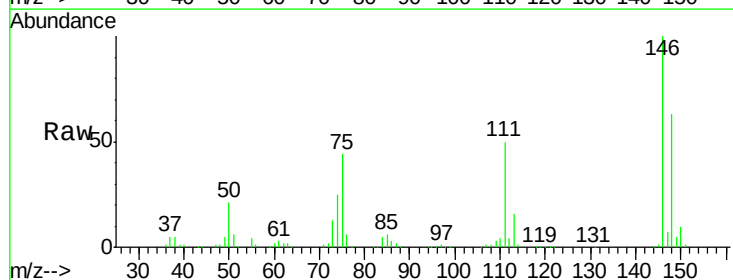
Instrument :
 BNA_F
 ClientSampled :
 E4-24MS

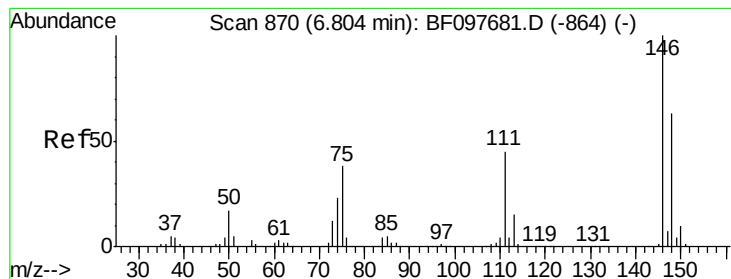
Tot Ion: 93 Resp: 328173
 Ion Ratio Lower Upper
 93 100
 63 76.3 59.2 99.2
 95 32.2 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 35.06 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion: 146 Resp: 293129
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.6
 75 44.0 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 34.75 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

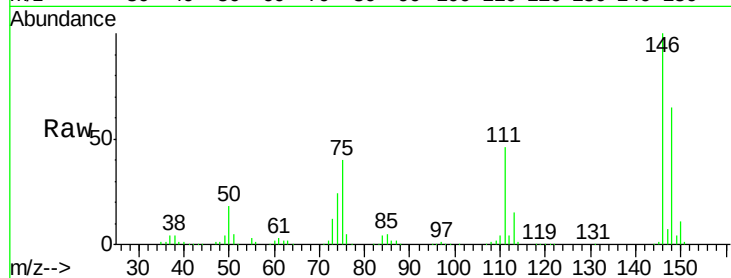
Tot Ion:146 Resp: 295459

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

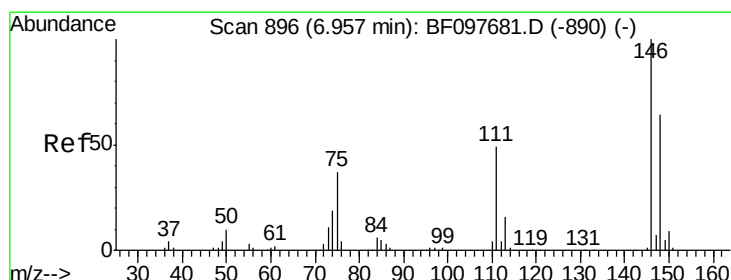
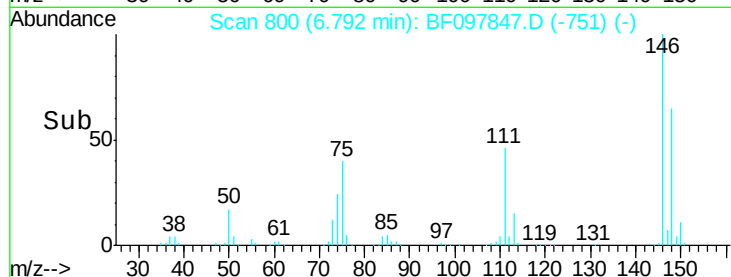
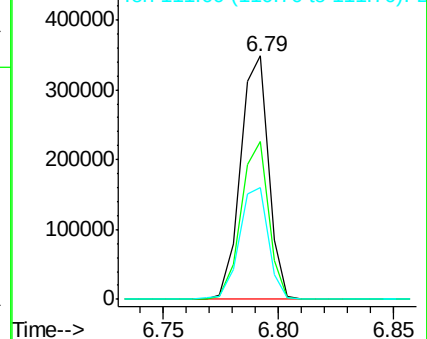
111 45.7 30.3 45.5#



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: 35.83 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

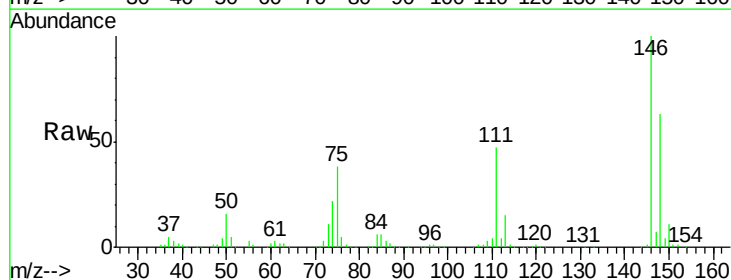
Tgt Ion:146 Resp: 280894

Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

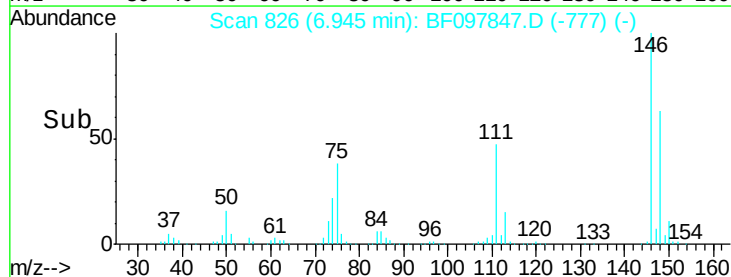
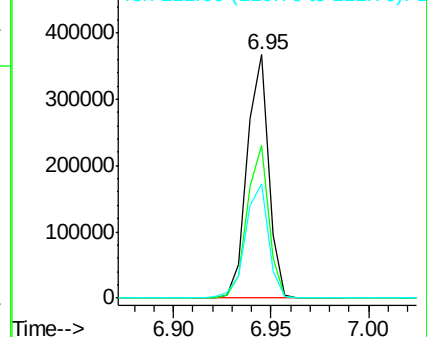
111 47.1 38.2 57.4

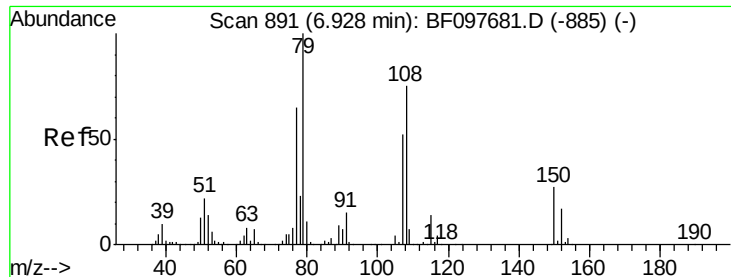


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.37 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

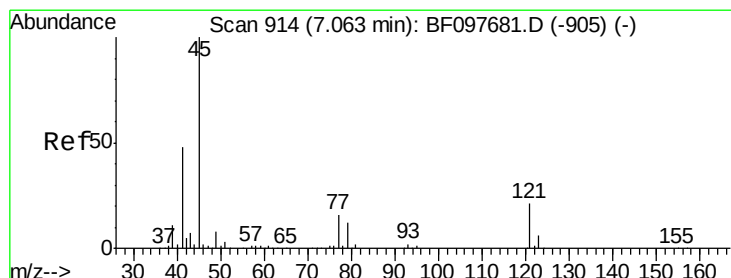
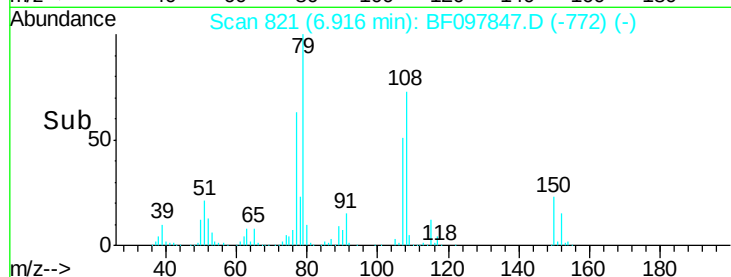
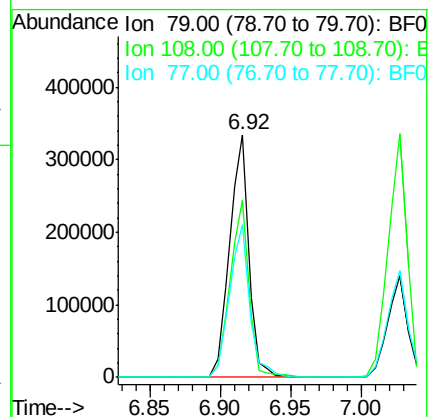
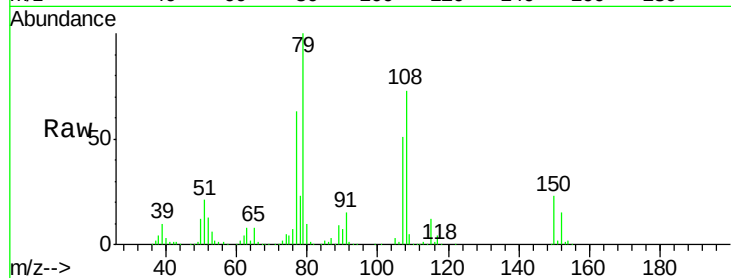
Tot Ion: 79 Resp: 317617

Ion Ratio Lower Upper

79 100

108 72.8 63.4 95.0

77 63.1 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.57 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

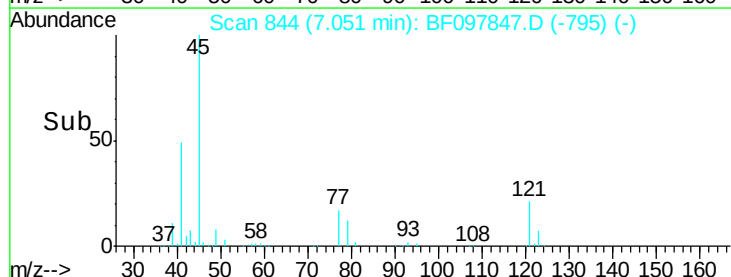
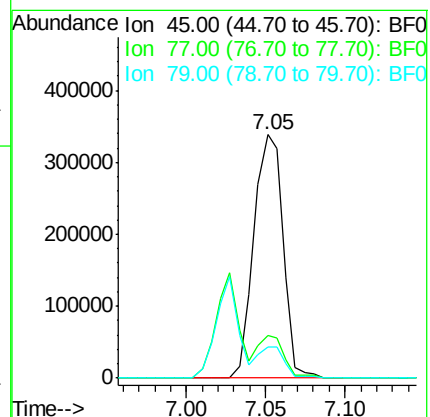
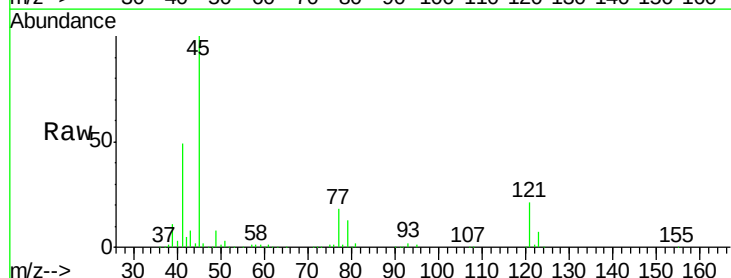
Tgt Ion: 45 Resp: 434868

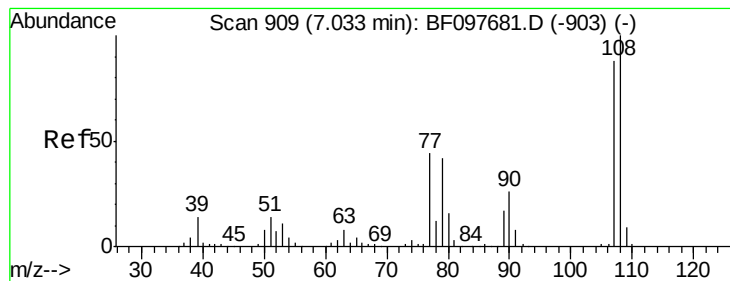
Ion Ratio Lower Upper

45 100

77 17.7 0.0 33.2

79 12.7 0.0 30.0

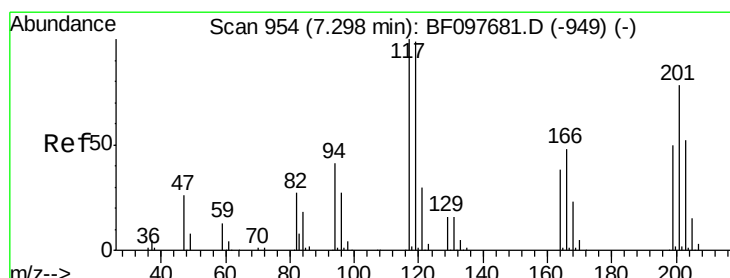
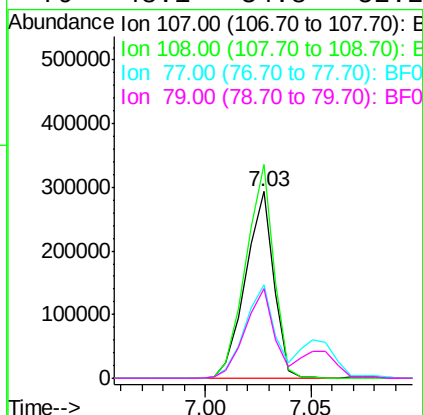
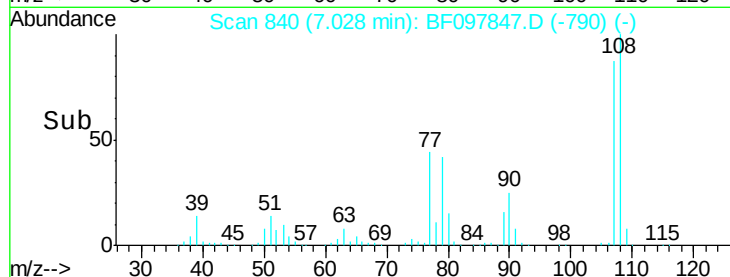
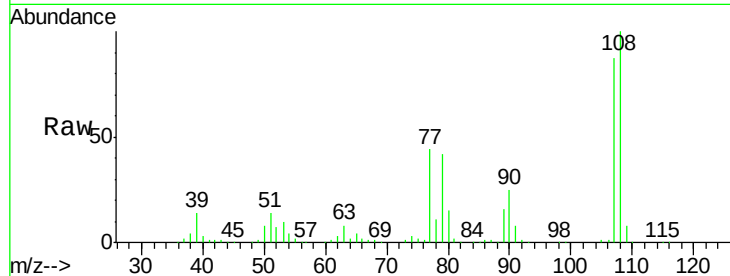




#17
2-Methylphenol
Concen: 39.90 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

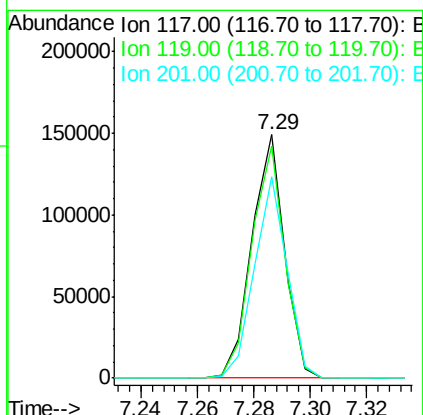
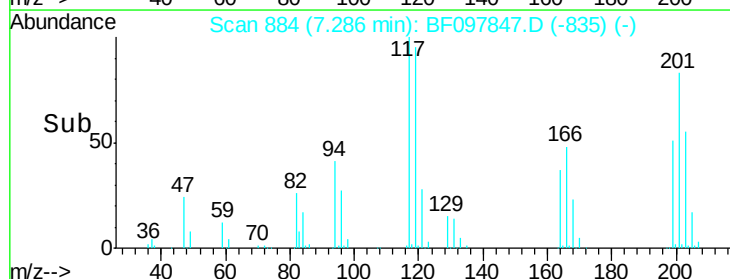
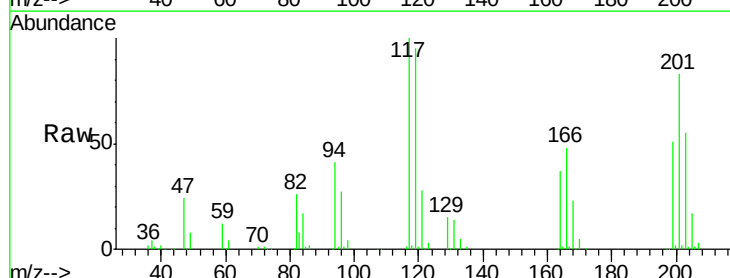
Instrument :
BNA_F
ClientSampleId :
E4-24MS

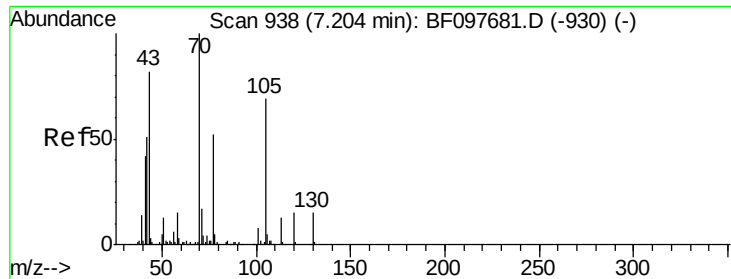
Tot Ion:	107	Resp:	273250
Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.4	140.0
77	50.2	35.8	53.6
79	48.1	34.8	52.2



#18
Hexachloroethane
Concen: 35.84 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion:	117	Resp:	119470
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	82.5	94.6	141.8#

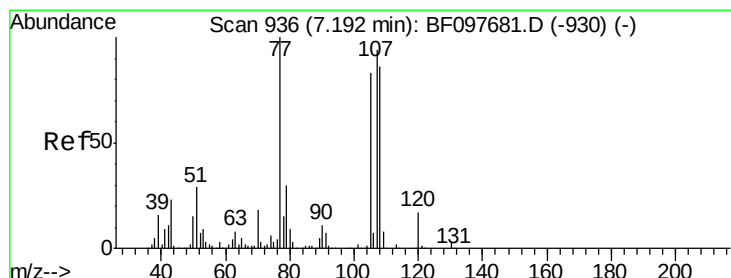
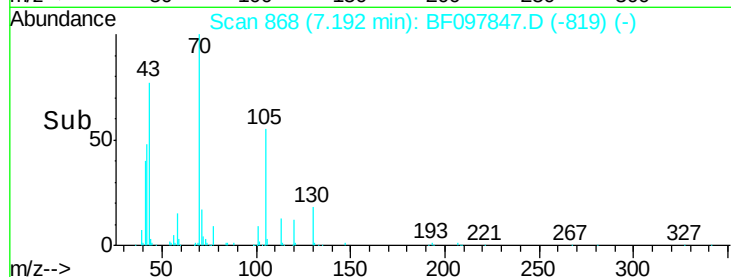
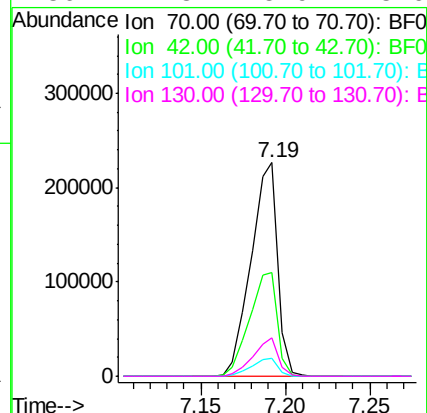
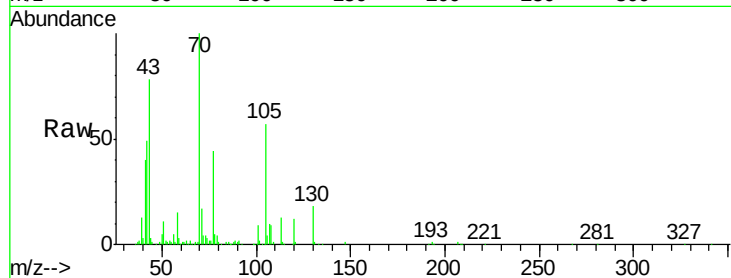




#19
n-Nitroso-di-n-propylamine
Concen: 36.33 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

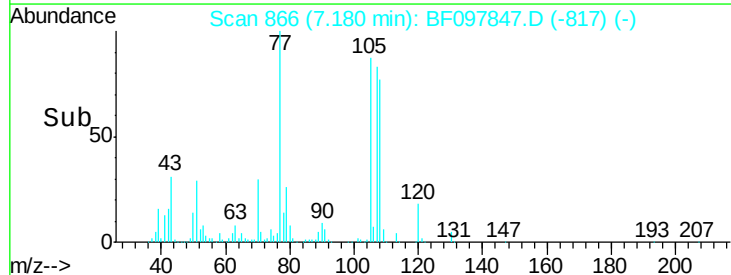
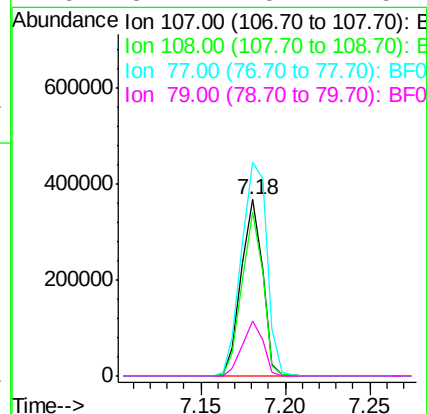
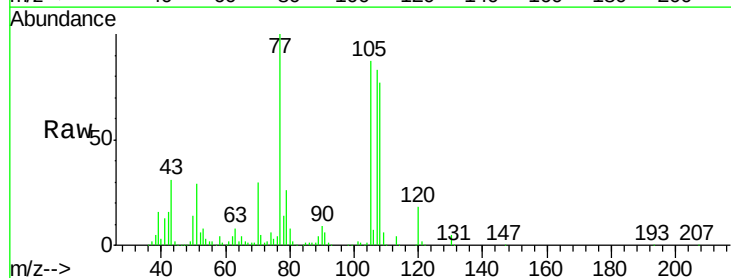
Instrument :
BNA_F
ClientSampleId :
E4-24MS

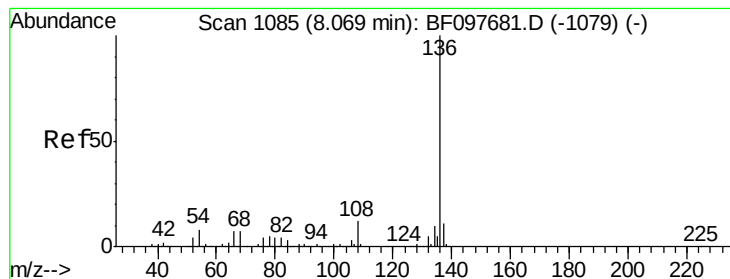
Tot Ion:	70	Resp:	248991
Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.2	70.8
101	8.6	7.2	10.8
130	17.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 38.87 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion:	107	Resp:	325176
Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.0	111.0
77	120.9	90.5	130.5
79	31.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

Tot Ion:136 Resp: 447208

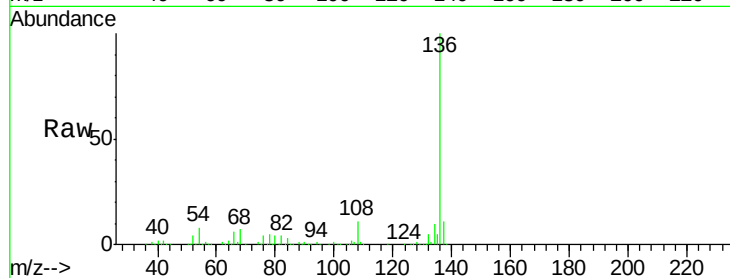
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.7 4.9 7.3#

68 7.0 4.1 6.1#

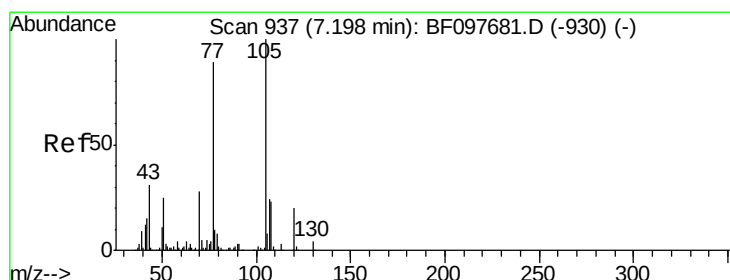
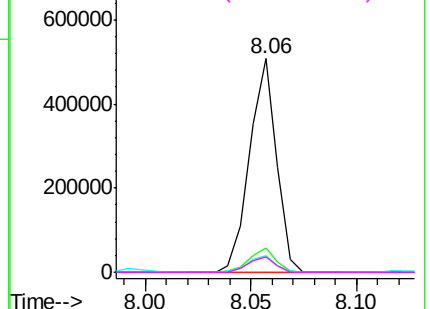
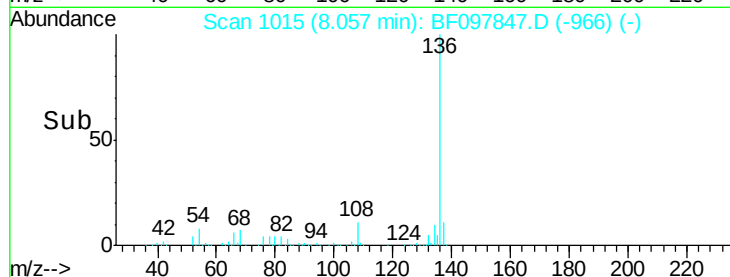


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.25 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Tgt Ion:105 Resp: 440028

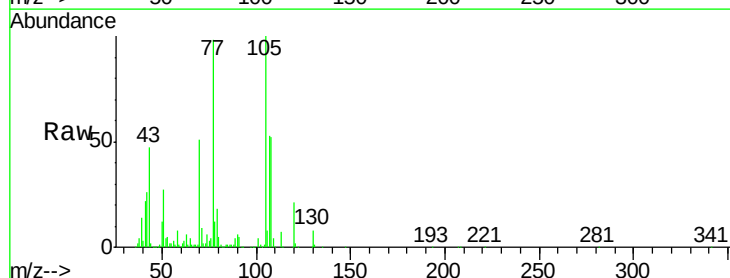
Ion Ratio Lower Upper

105 100

71 8.6 2.8 4.2#

51 27.0 30.7 46.1#

120 20.7 17.4 26.0

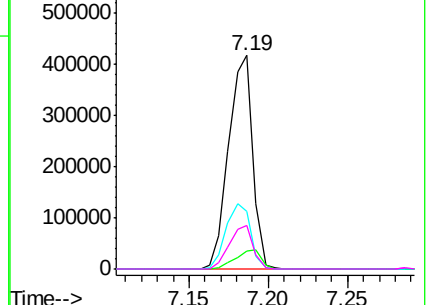
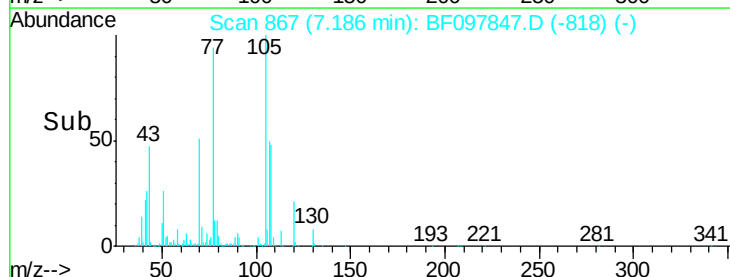


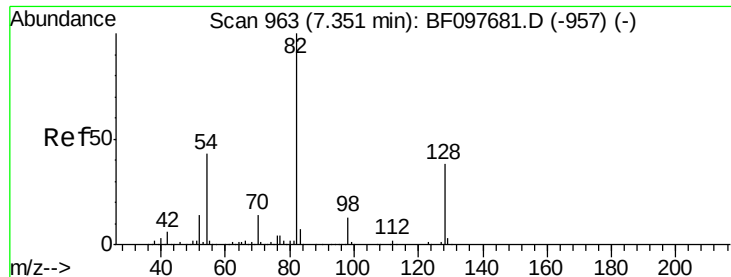
Abundance Ion 105.00 (104.70 to 105.70): E

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

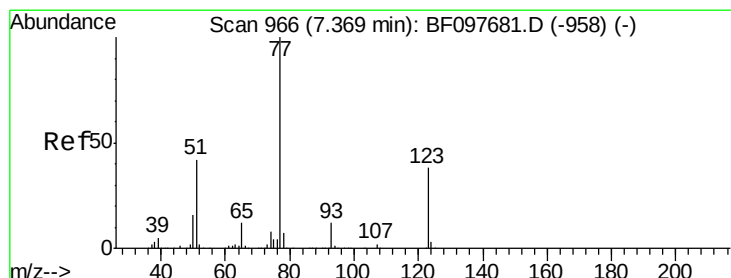
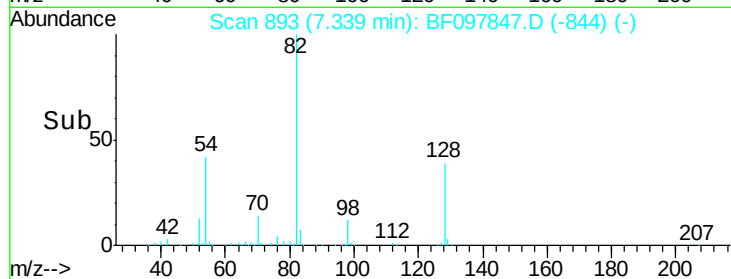
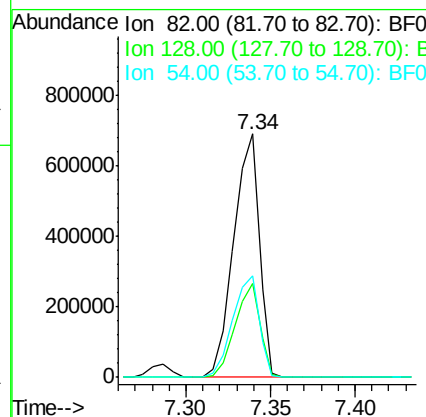
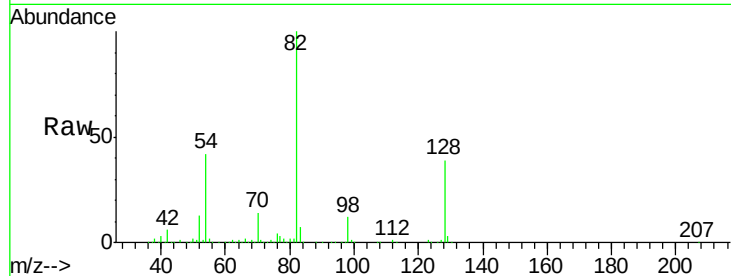




#23
 Nitrobenzene-d5
 Concen: 88.53 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

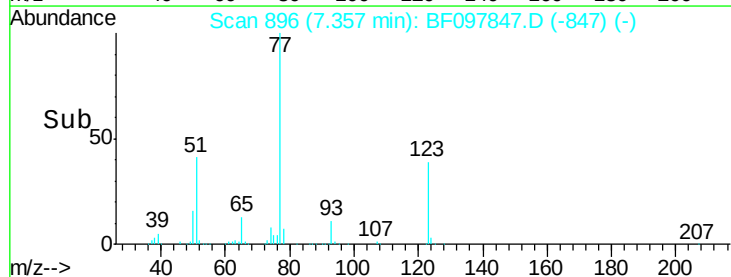
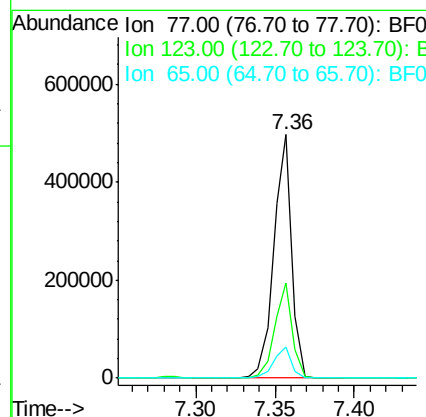
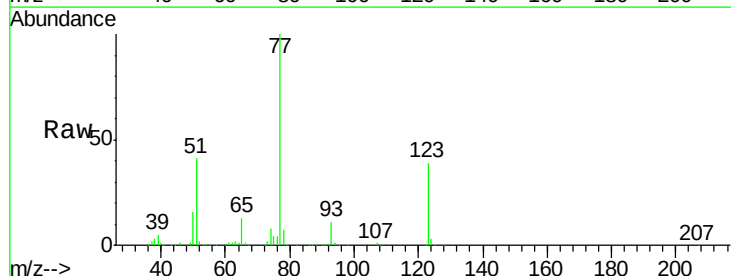
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

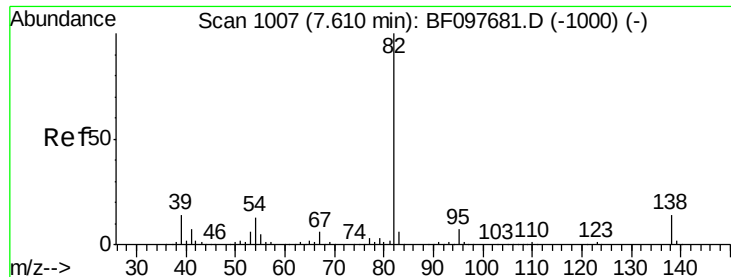
Tot Ion	82	Resp	728799
Ion Ratio	100	Lower	Upper
128	38.5	34.0	51.0
54	41.6	42.2	63.2#



#24
 Nitrobenzene
 Concen: 42.90 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	77	Resp	393181
Ion Ratio	100	Lower	Upper
123	38.8	35.8	53.8
65	12.5	10.6	15.8





#25

Isophorone

Concen: 40.56 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

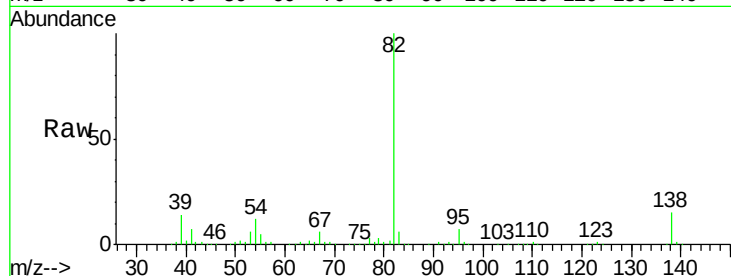
Tot Ion: 82 Resp: 694338

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

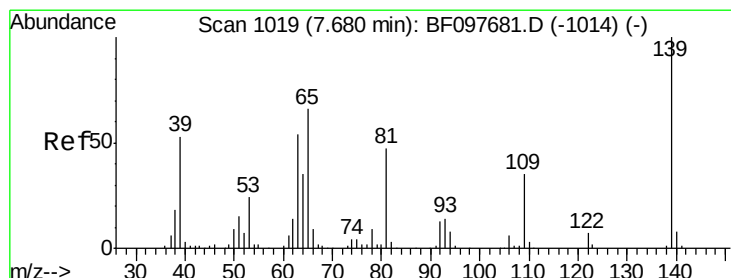
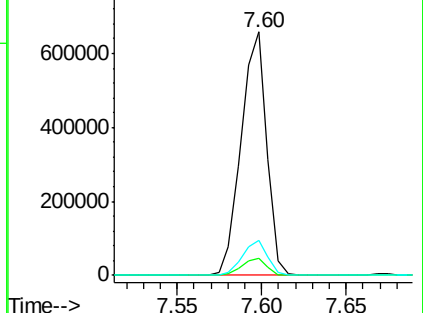
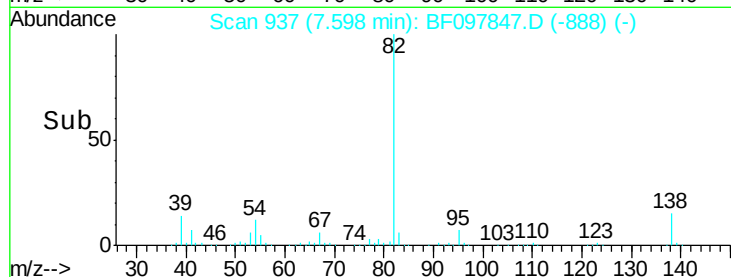
138 14.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.23 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

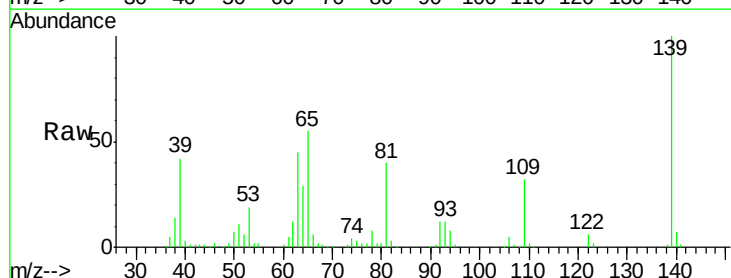
Tgt Ion: 139 Resp: 145320

Ion Ratio Lower Upper

139 100

109 31.7 21.0 31.6#

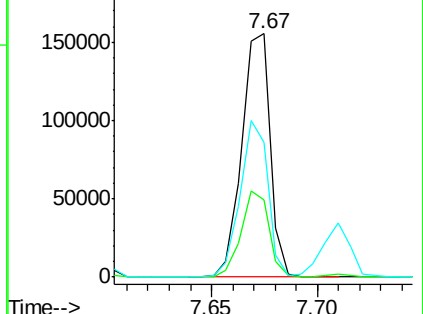
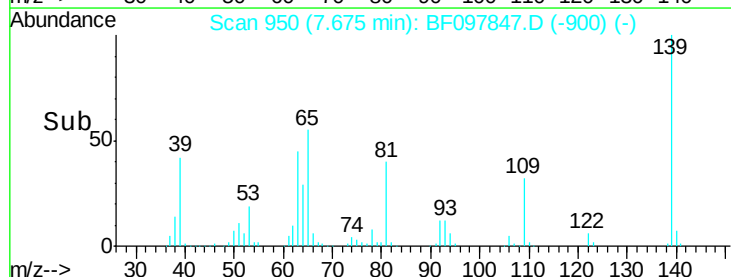
65 55.4 33.0 49.6#

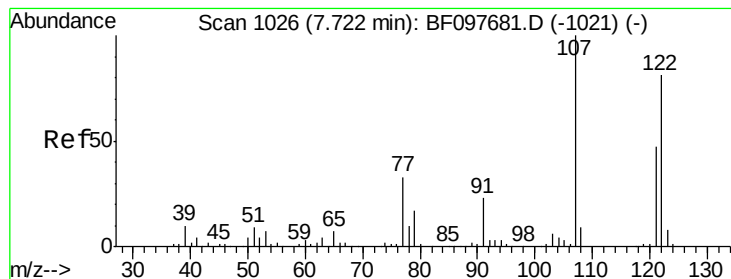


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.09 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

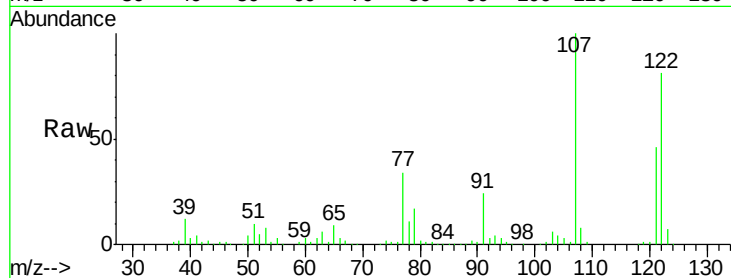
Tot Ion: 122 Resp: 264811

Ion Ratio Lower Upper

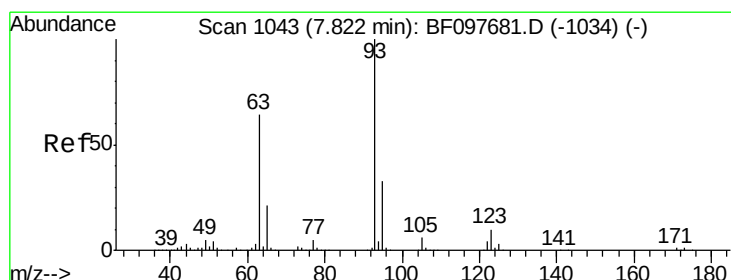
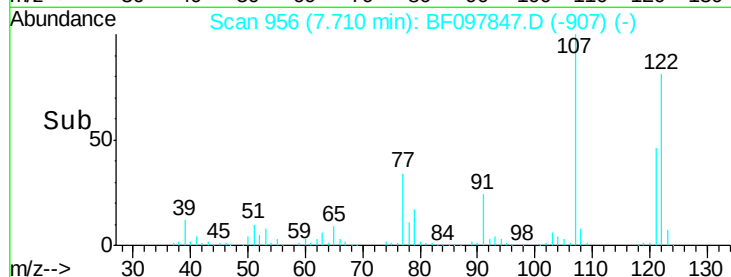
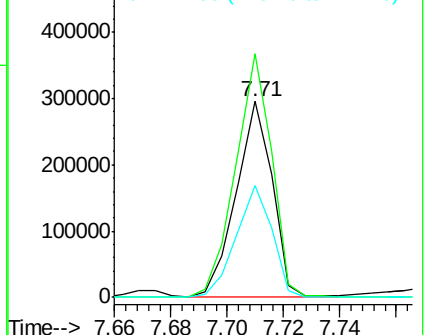
122 100

107 124.2 89.2 133.8

121 57.2 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: 37.93 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

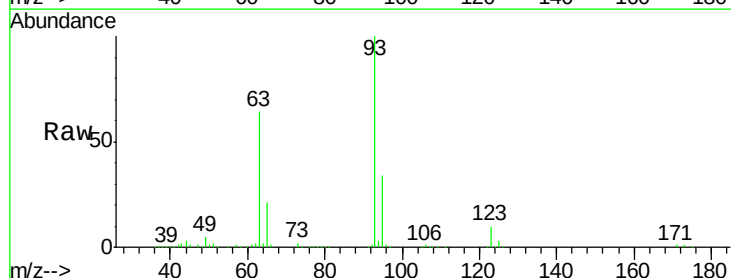
Tgt Ion: 93 Resp: 426863

Ion Ratio Lower Upper

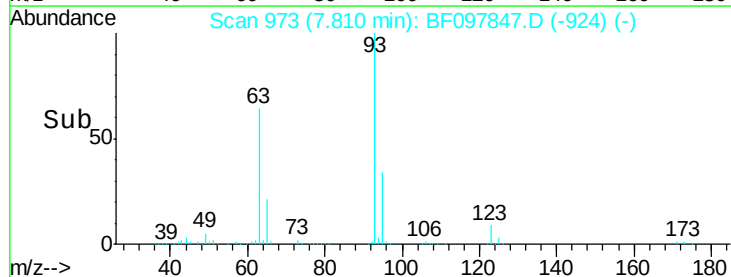
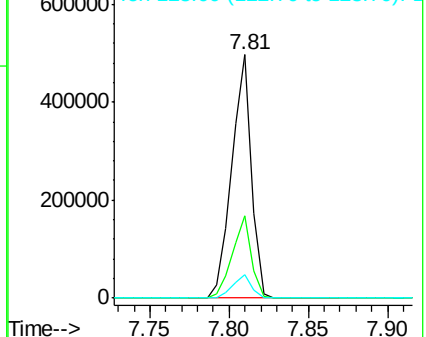
93 100

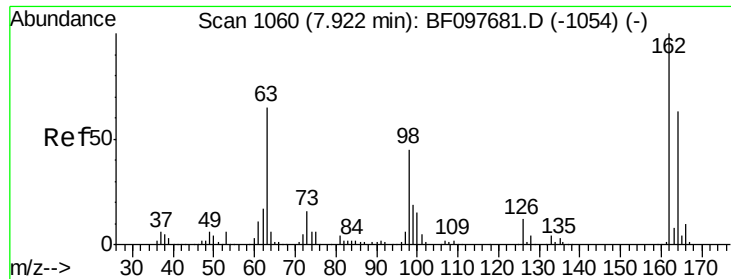
95 33.6 26.5 39.7

123 9.5 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

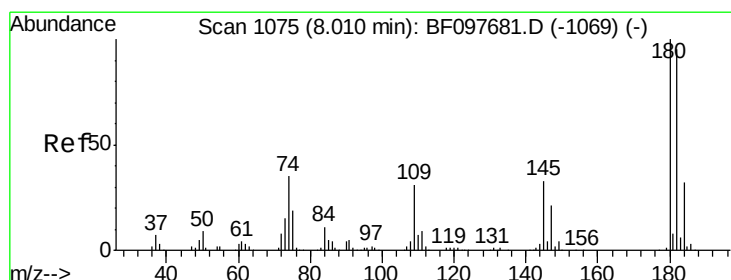
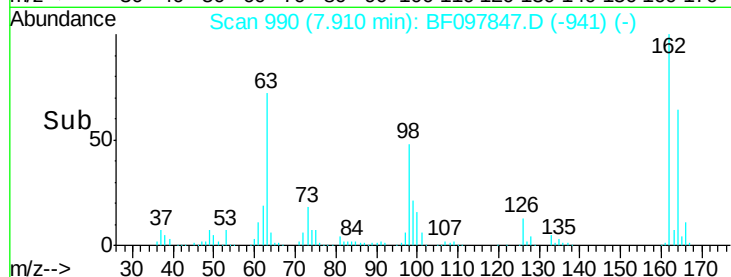
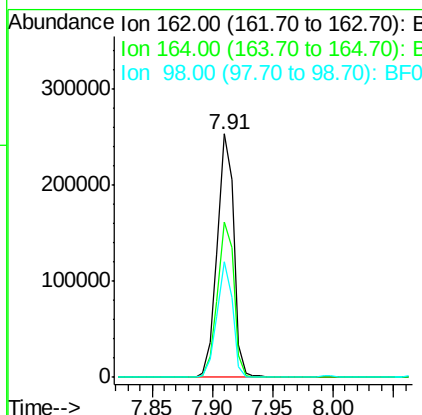
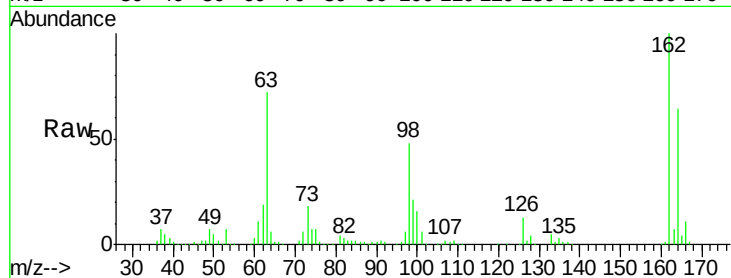




#29
 2,4-Dichlorophenol
 Concen: 40.07 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

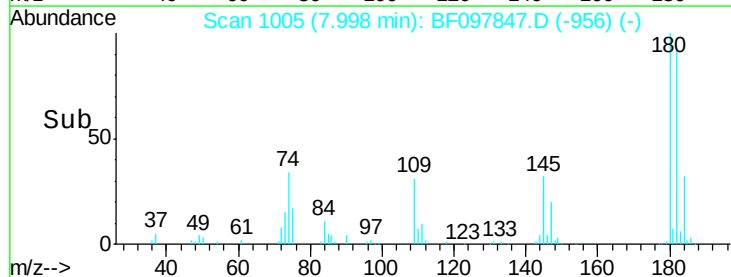
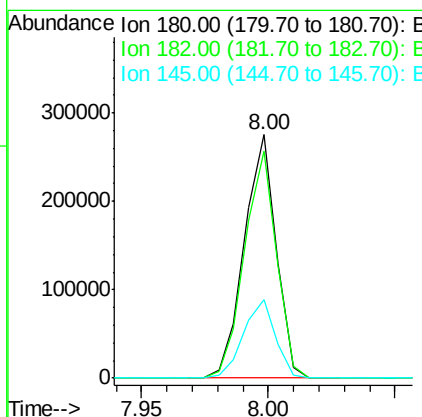
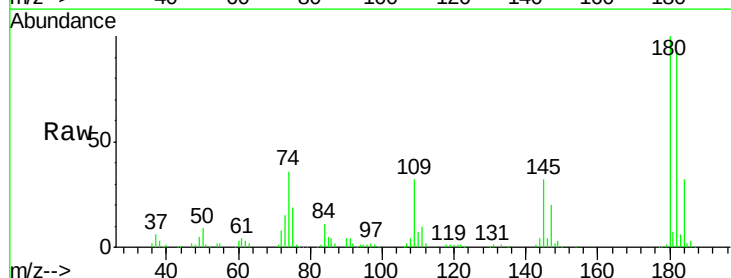
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

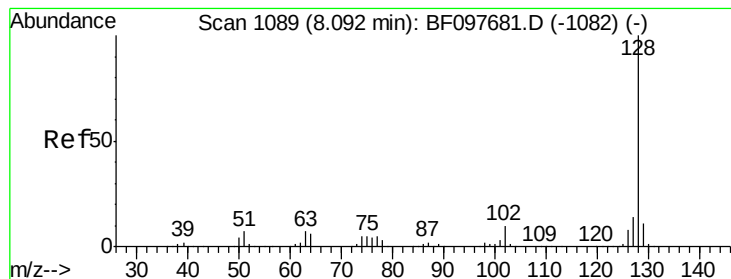
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	47.6	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 36.58 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	32.0	25.3	37.9





#31

Naphthalene

Concen: 36.86 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

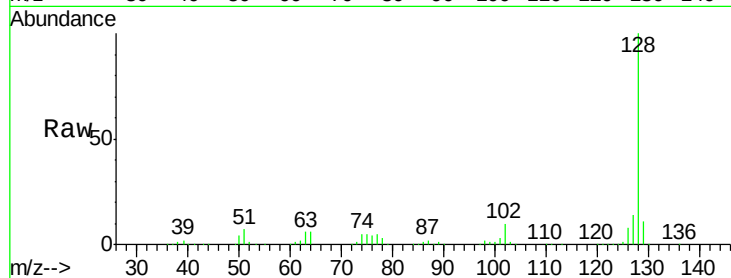
Tot Ion:128 Resp: 855827

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

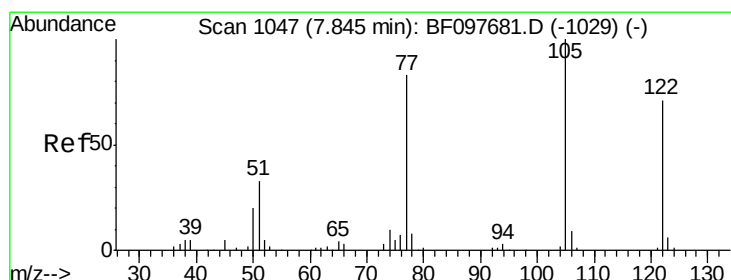
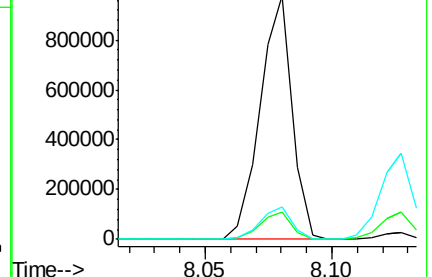
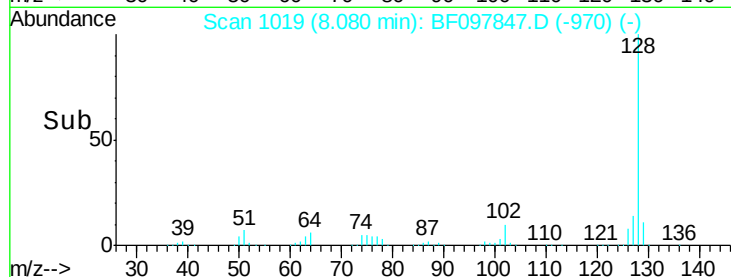
127 13.6 10.8 16.2



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: 9.99 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.07 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

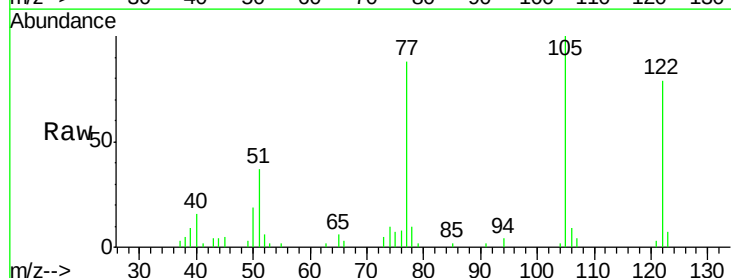
Tgt Ion:122 Resp: 21496

Ion Ratio Lower Upper

122 100

105 126.5 103.3 143.3

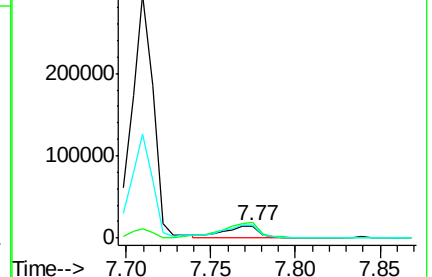
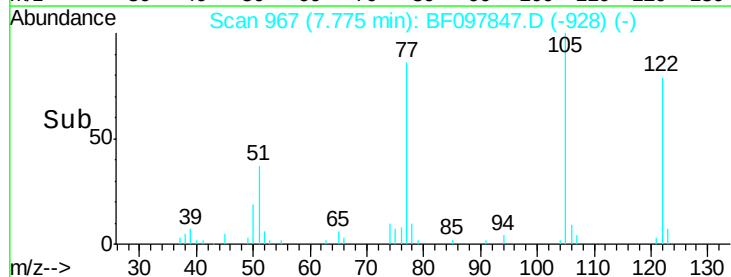
77 111.6 73.7 113.7

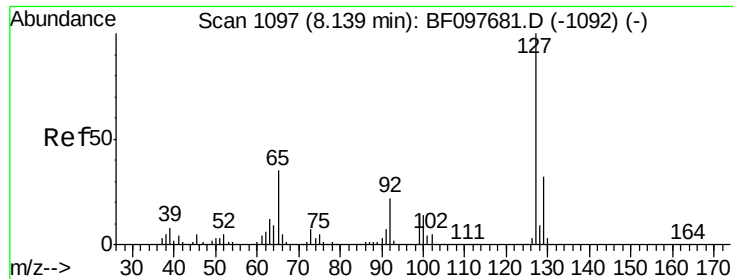


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

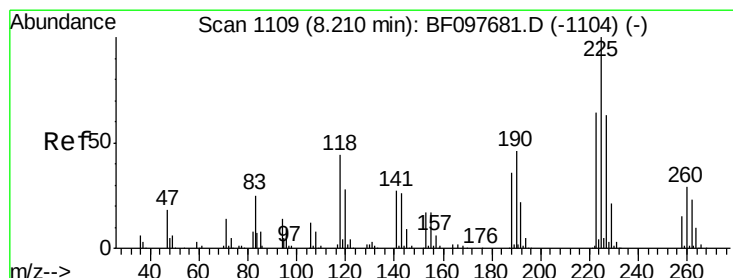
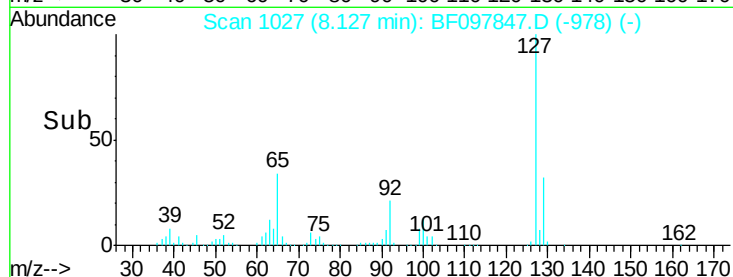
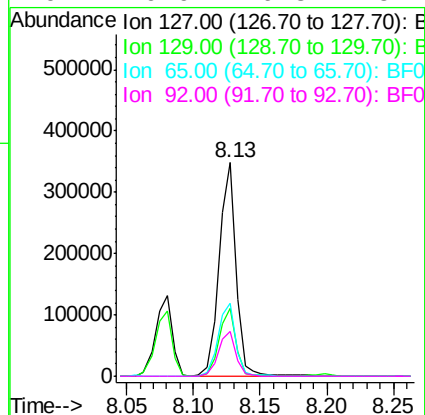
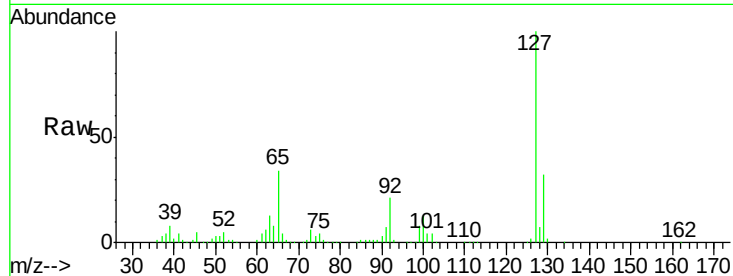




#33
4-Chloroaniline
Concen: 32.02 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

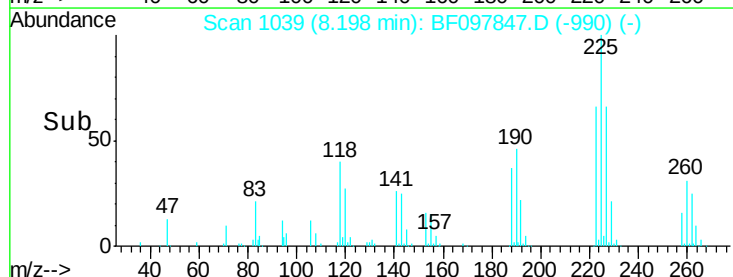
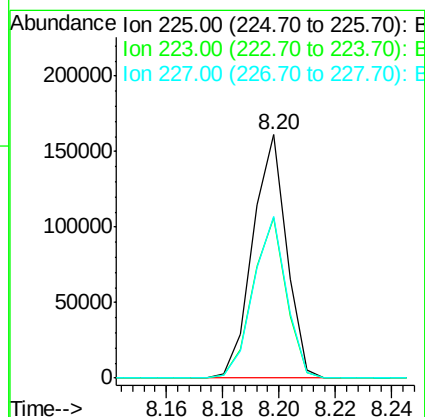
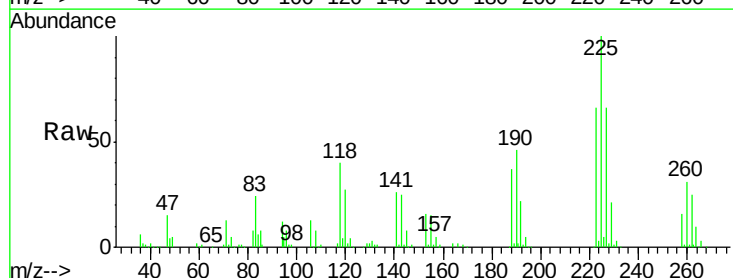
Instrument :
BNA_F
ClientSampleId :
E4-24MS

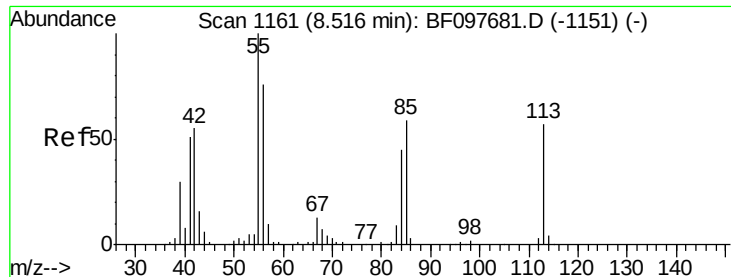
Tot Ion:	127	Resp:	313511
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	34.1	27.8	41.8
92	20.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 34.78 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion:	225	Resp:	133410
Ion	Ratio	Lower	Upper
225	100		
223	65.7	48.8	73.2
227	66.3	51.1	76.7

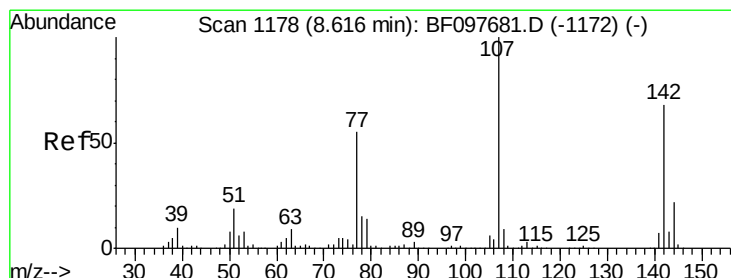
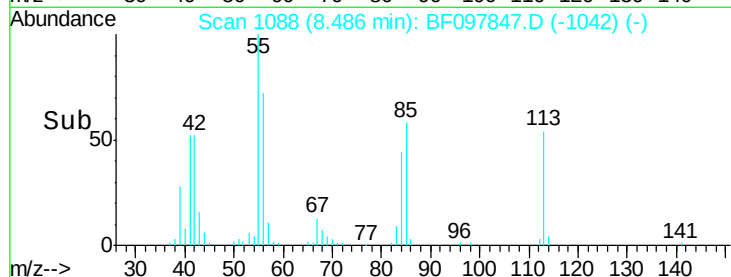
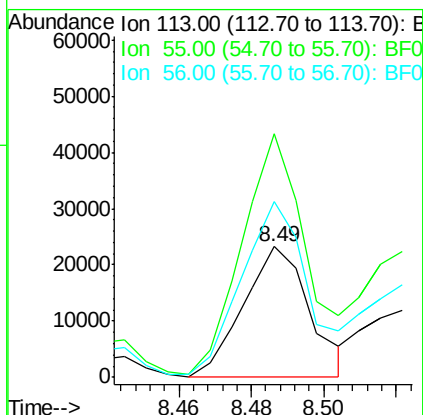
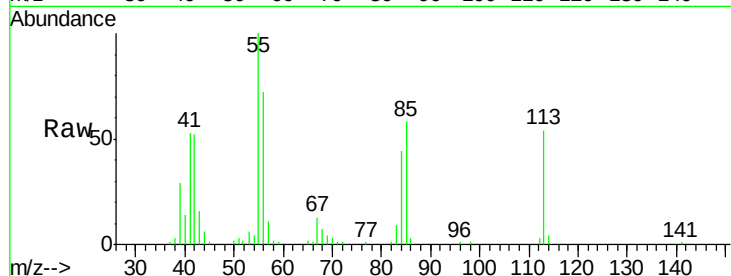




#35
 Caprolactam
 Concen: 14.64 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

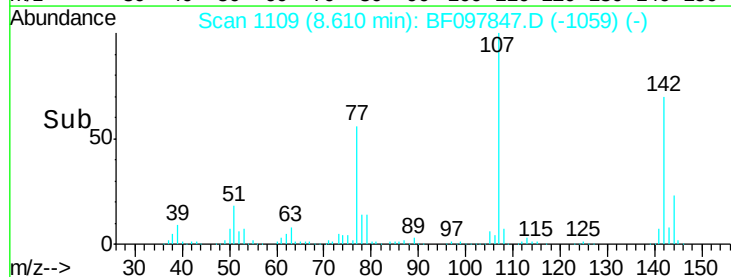
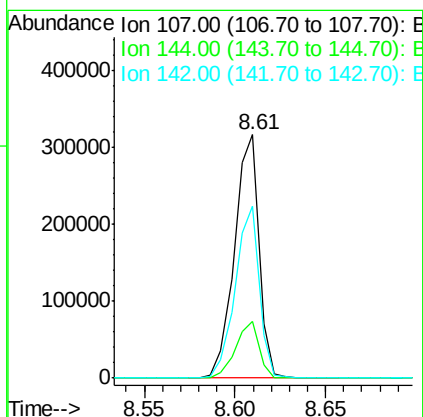
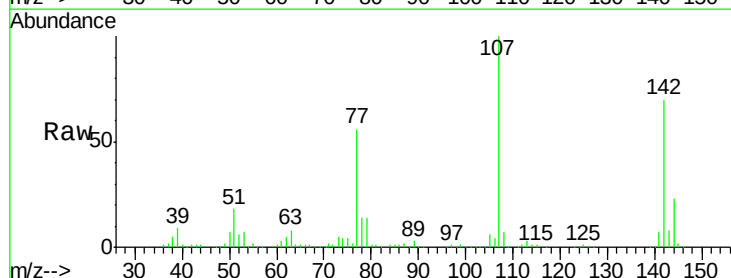
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

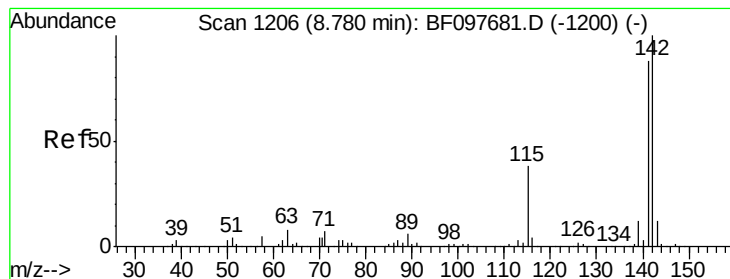
Tot Ion:113 Resp: 29502
 Ion Ratio Lower Upper
 113 100
 55 186.5 150.2 190.2
 56 135.0 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.26 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:107 Resp: 298920
 Ion Ratio Lower Upper
 107 100
 144 23.3 24.2 36.4#
 142 70.5 73.4 110.0#





#37

2-Methylnaphthalene

Concen: 39.51 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

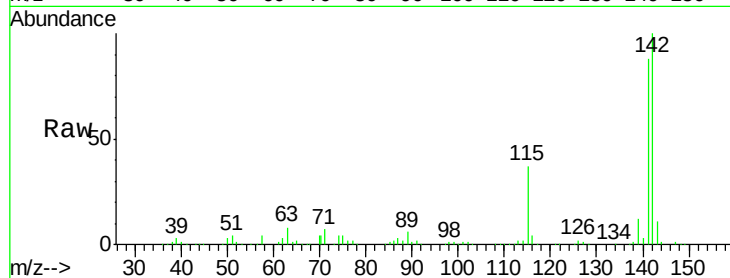
Tot Ion:142 Resp: 562410

Ion Ratio Lower Upper

142 100

141 87.6 71.3 106.9

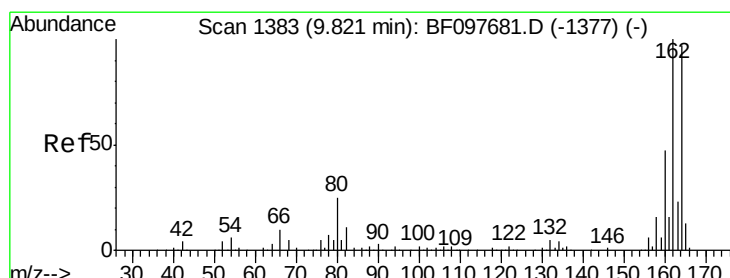
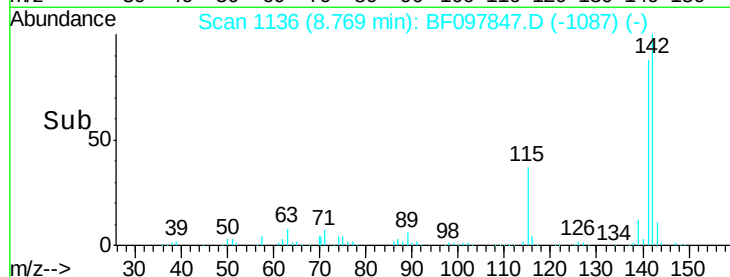
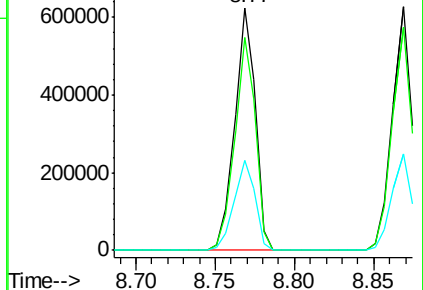
115 37.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

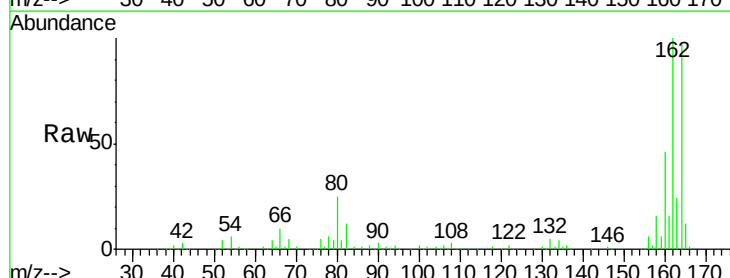
Tgt Ion:164 Resp: 202305

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

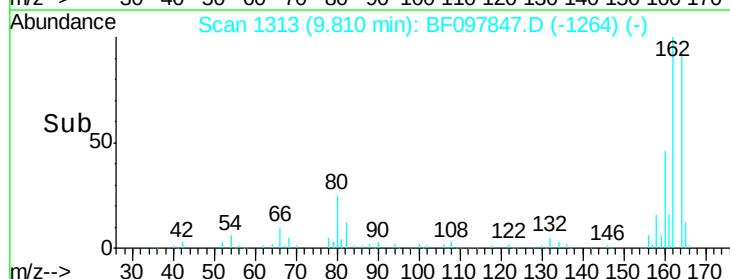
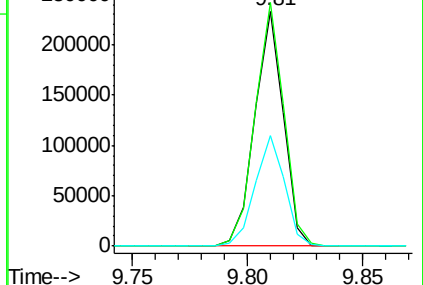
160 47.2 36.2 54.2

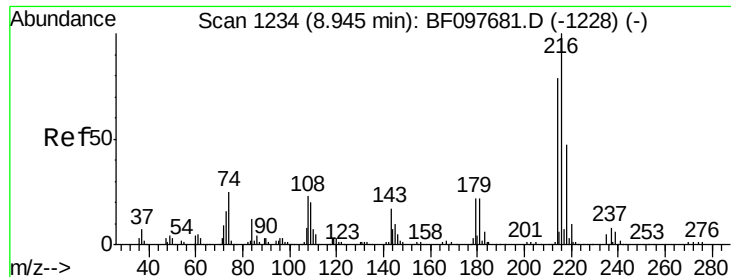


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

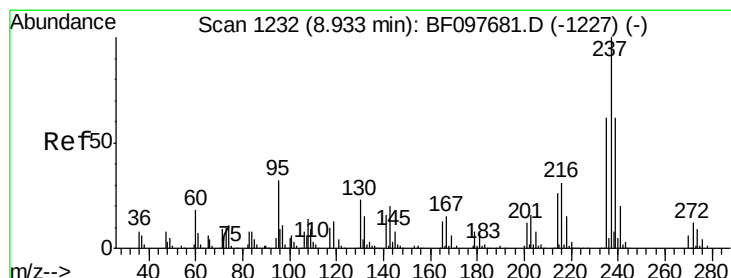
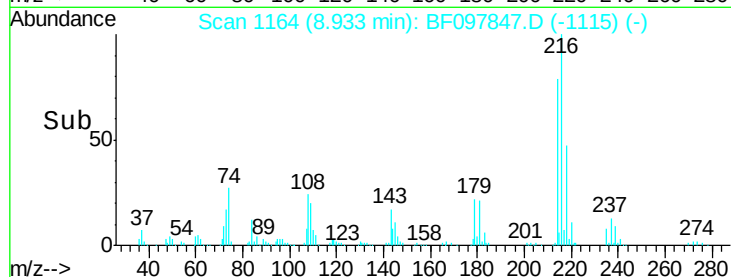
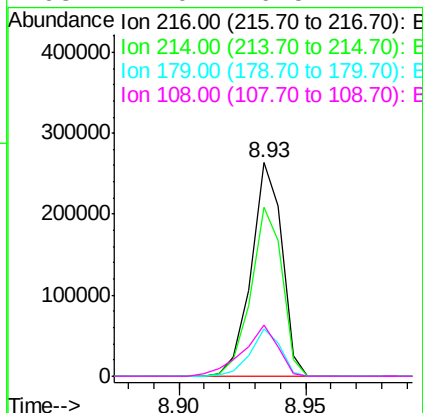
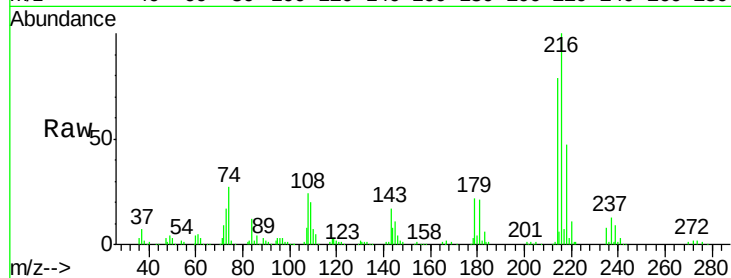




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.02 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

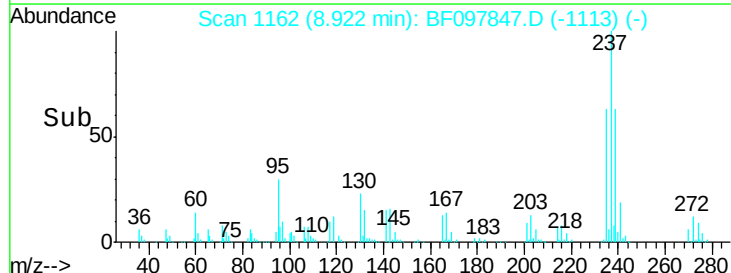
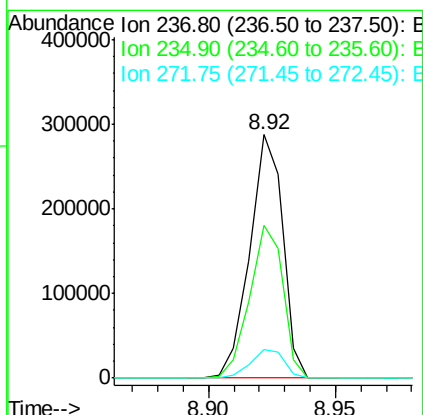
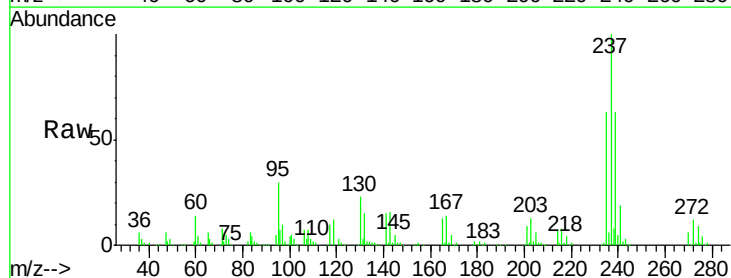
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

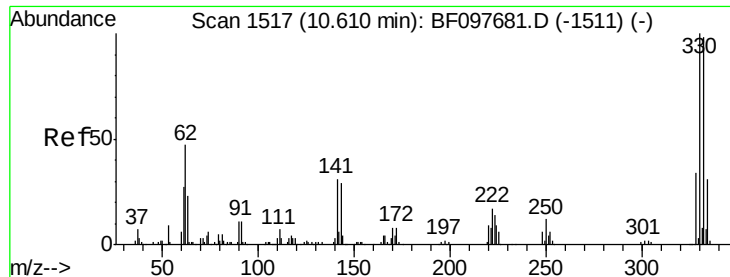
Tot Ion:	216	Resp:	223638
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	21.6	17.9	26.9
108	27.0	16.5	24.7#



#40
 Hexachlorocyclopentadiene
 Concen: 87.73 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:	237	Resp:	261672
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.6	82.6
272	11.7	0.0	31.9

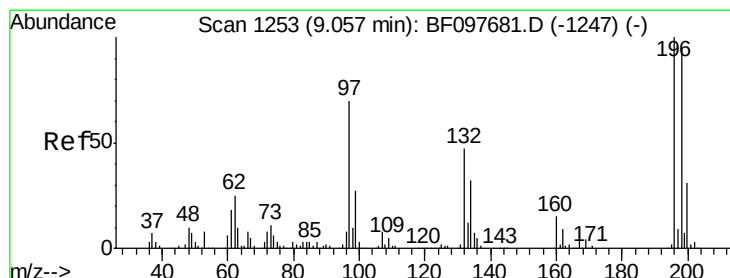
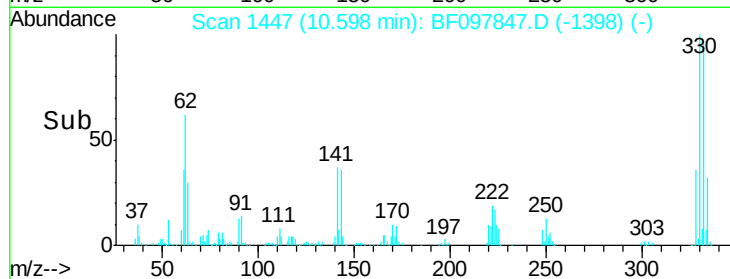
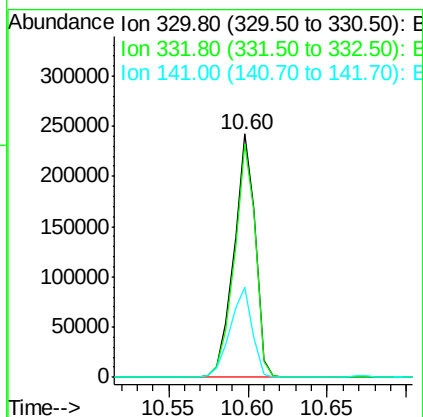
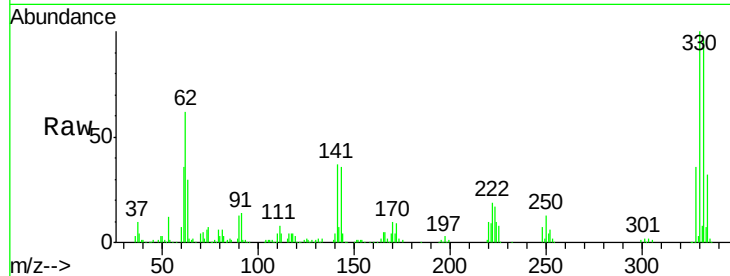




#41
 2,4,6-Tribromophenol
 Concen: 128.30 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

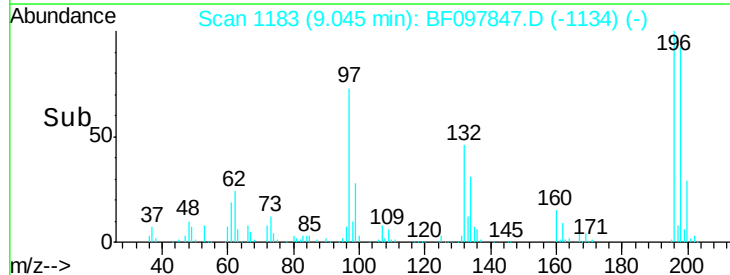
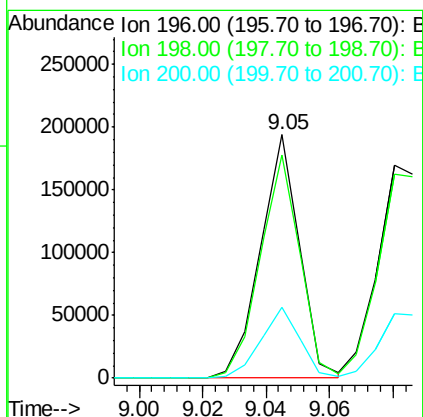
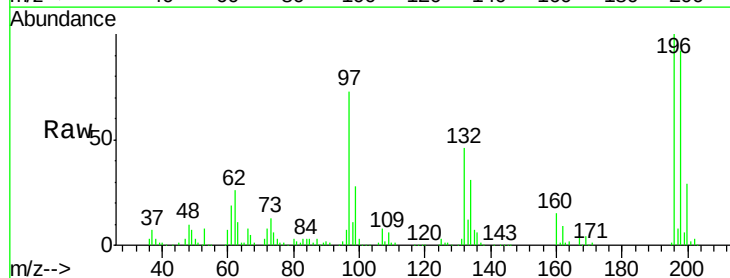
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

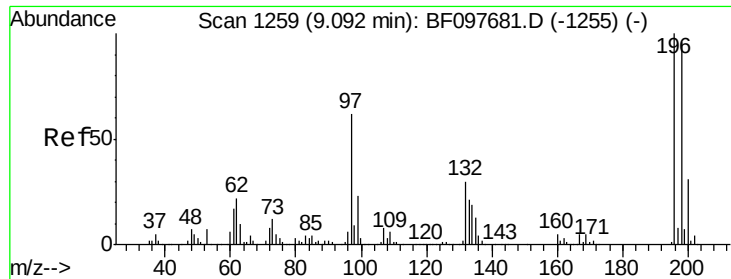
Tot Ion:330 Resp: 225200
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 38.5 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.74 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:196 Resp: 165668
 Ion Ratio Lower Upper
 196 100
 198 91.6 74.2 111.4
 200 29.2 24.0 36.0

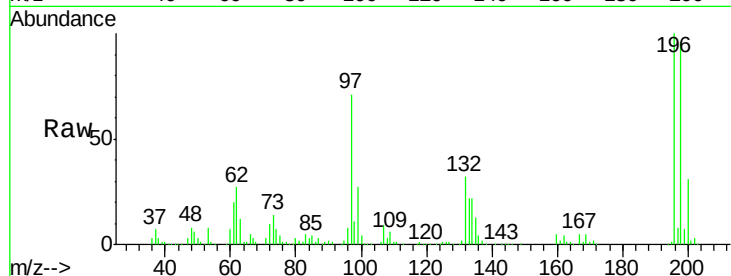




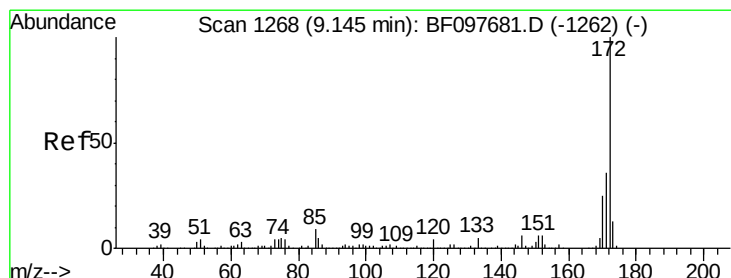
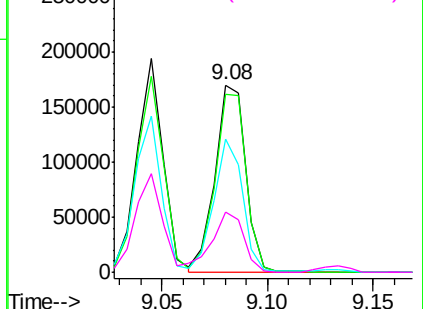
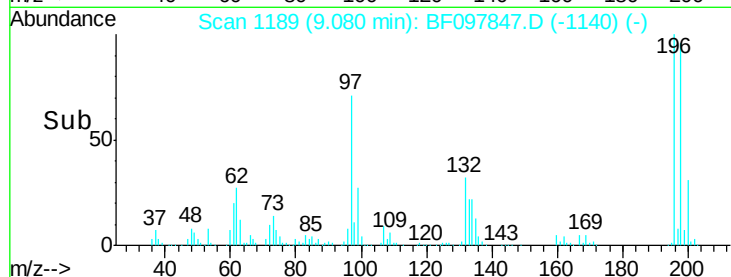
#43
 2,4,5-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampled :
 E4-24MS

Tot Ion:196 Resp: 171870
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 97 70.9 47.7 71.5
 132 32.1 28.0 42.0

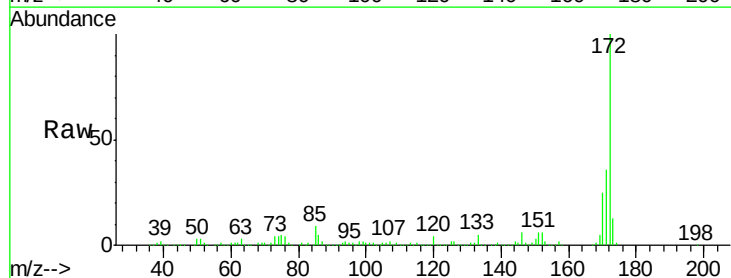


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

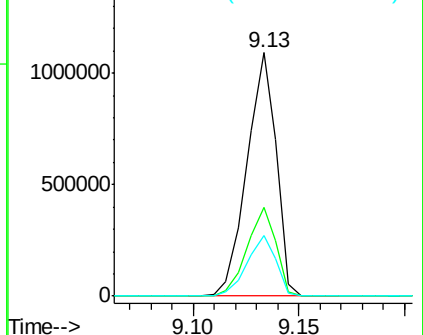
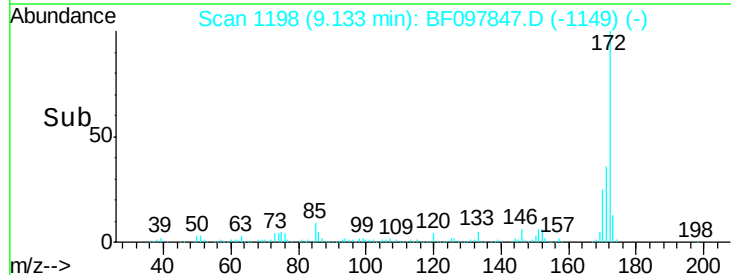


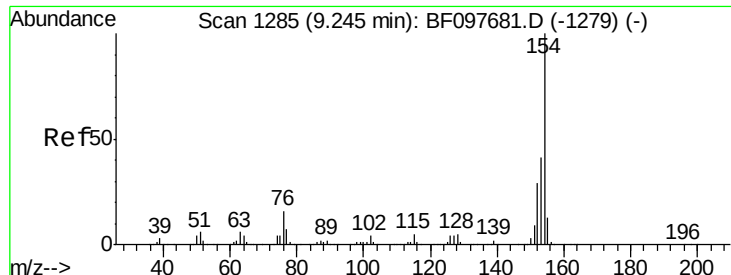
#44
 2-Fluorobiphenyl
 Concen: 76.06 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:172 Resp: 1047371
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

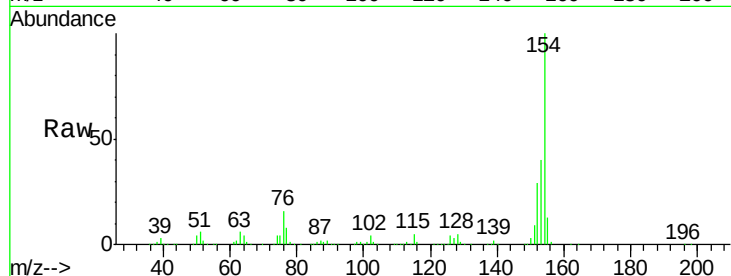




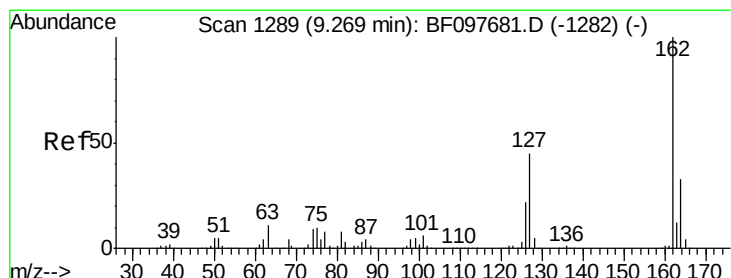
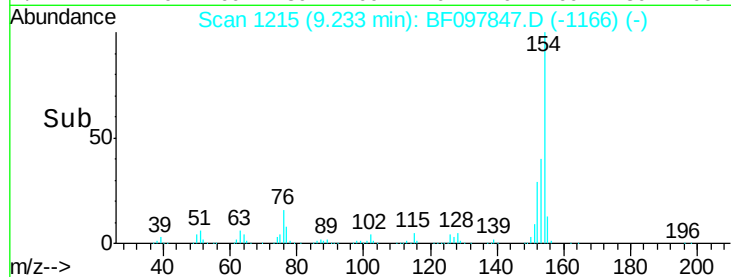
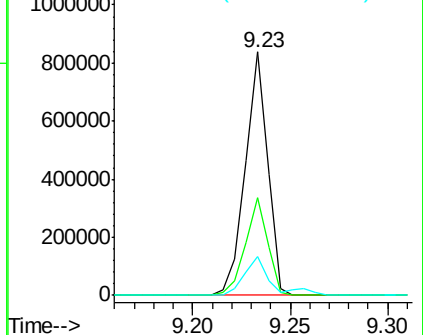
#45
 1,1'-Biphenyl
 Concen: 36.08 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	15.9	0.0	29.9

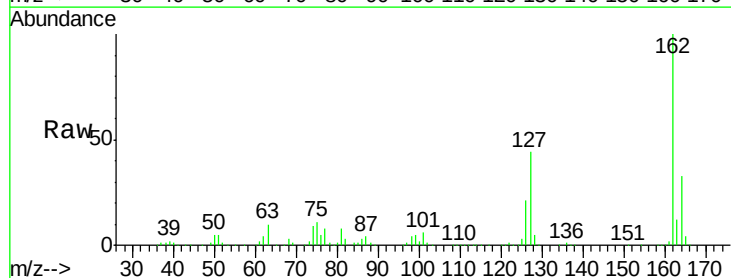


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

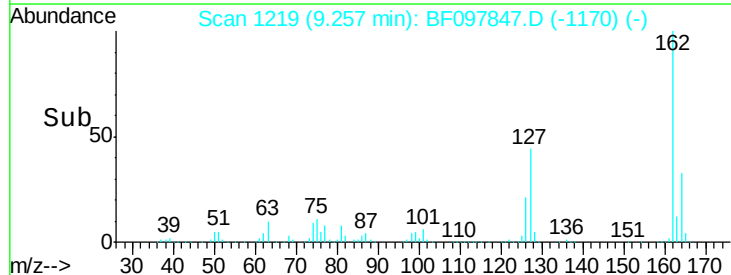
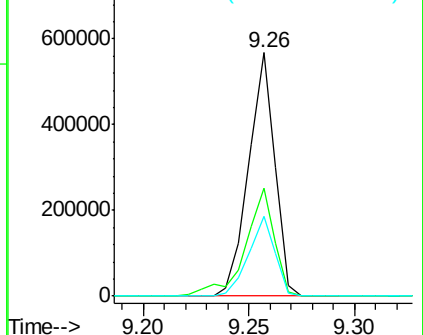


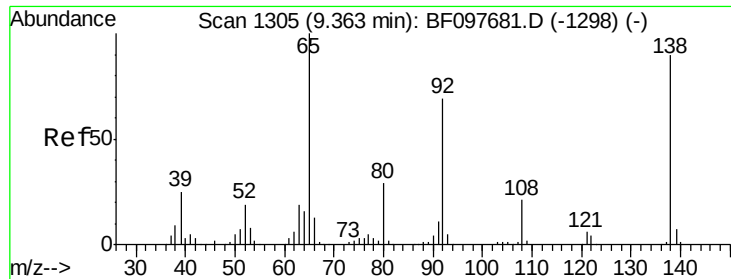
#46
 2-Chloronaphthalene
 Concen: 36.01 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.3	28.3	42.5#
164	32.9	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

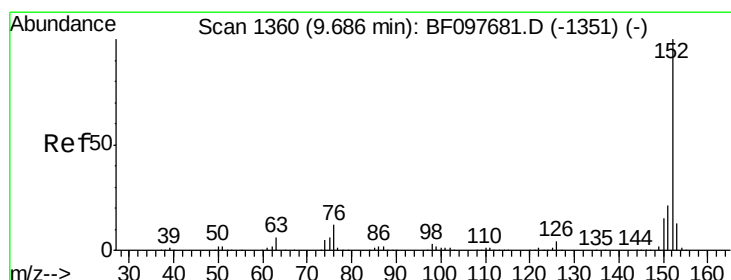
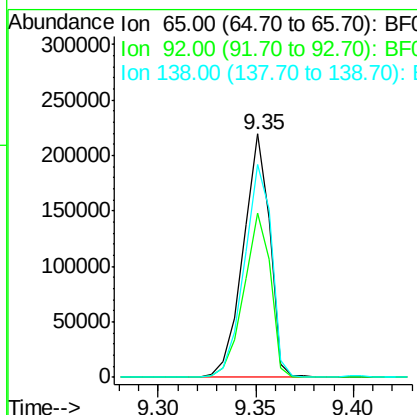
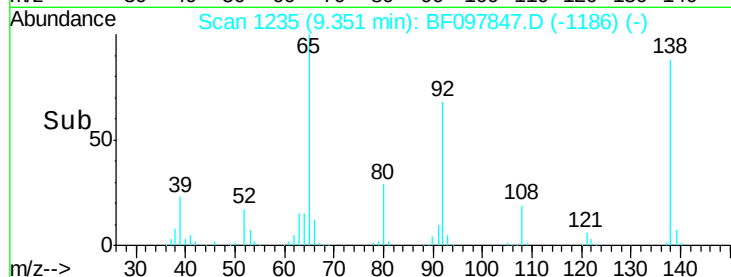
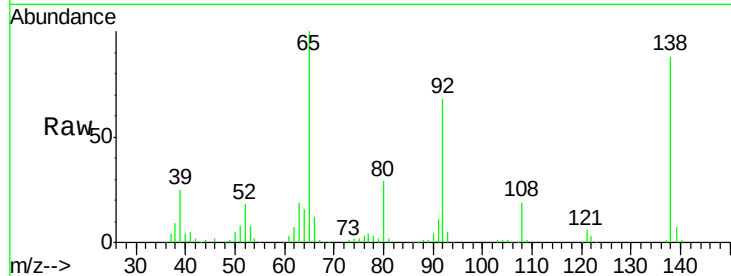




#47
 2-Nitroaniline
 Concen: 45.13 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

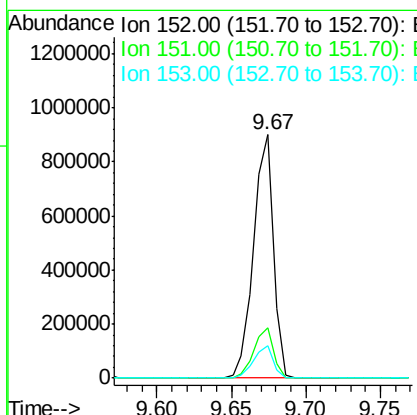
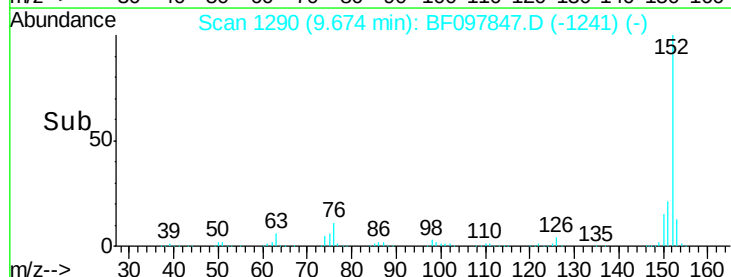
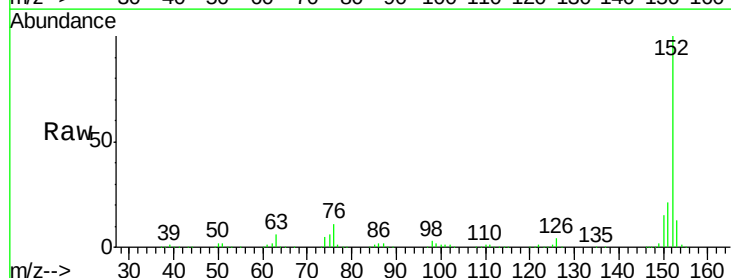
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

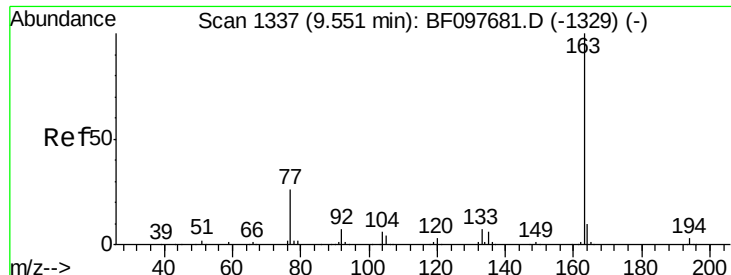
Tot Ion:	65	Resp:	206248
Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.9	80.9
138	87.7	78.8	118.2



#48
 Acenaphthylene
 Concen: 38.57 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:	152	Resp:	825618
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.2	10.8	16.2

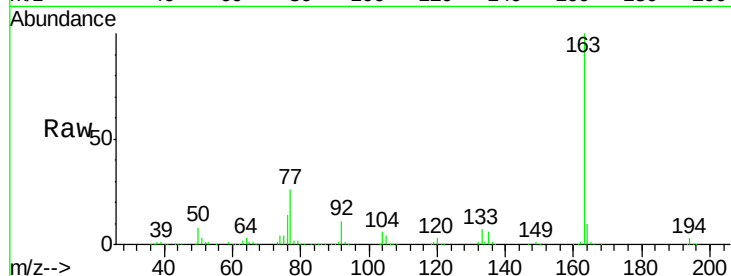




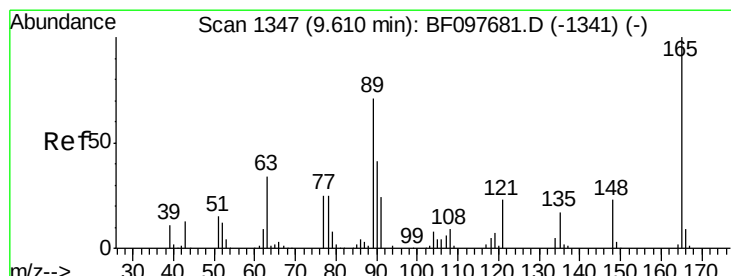
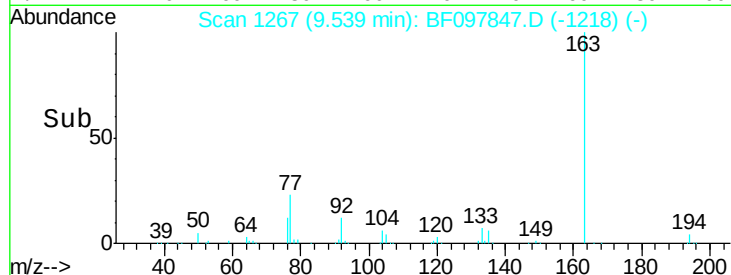
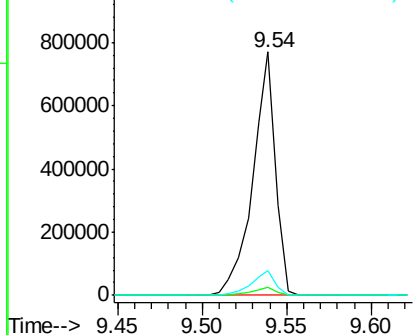
#49
Dimethylphthalate
Concen: 48.57 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion:163 Resp: 718256
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.4 12.6

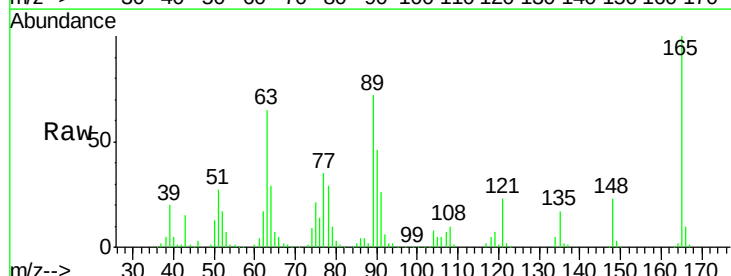


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

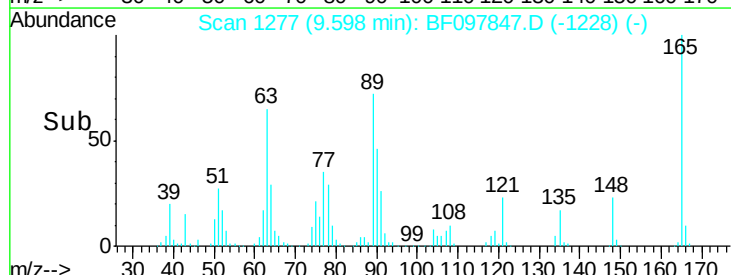
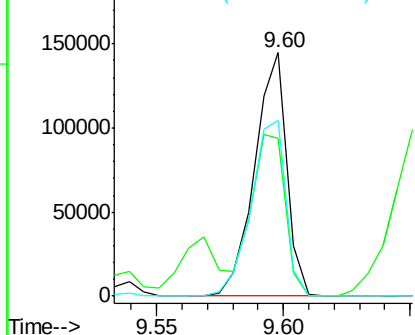


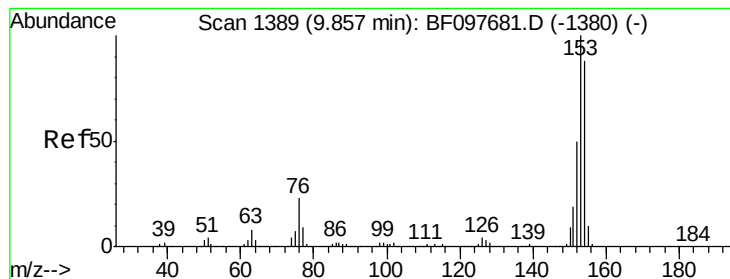
#50
2,6-Dinitrotoluene
Concen: 43.18 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion:165 Resp: 127463
Ion Ratio Lower Upper
165 100
63 65.0 34.3 51.5#
89 72.2 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: 39.56 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

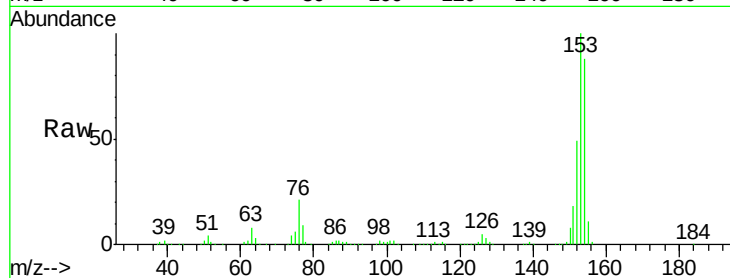
Tot Ion:154 Resp: 534044

Ion Ratio Lower Upper

154 100

153 113.7 90.5 135.7

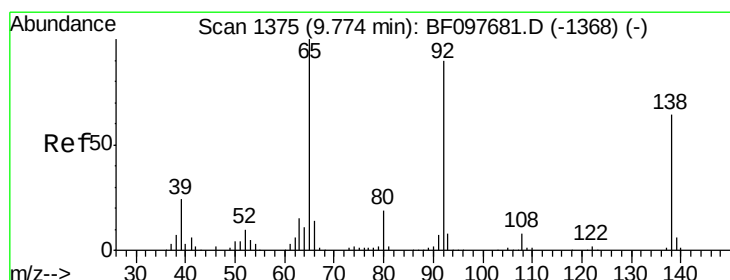
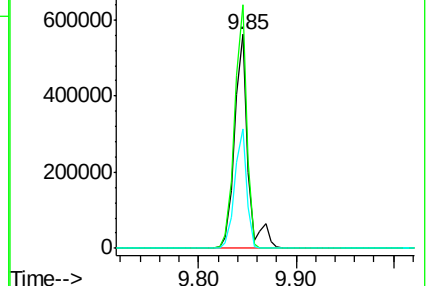
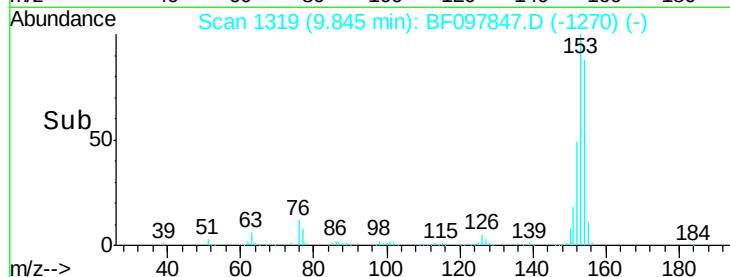
152 56.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.17 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

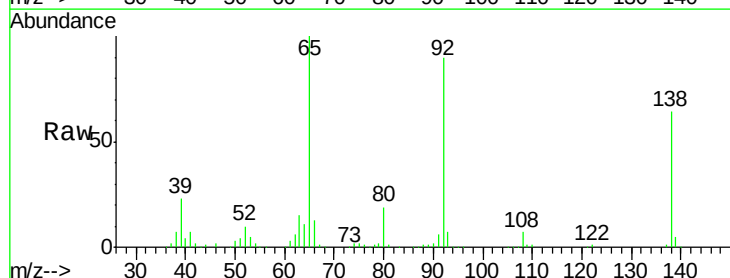
Tgt Ion:138 Resp: 141544

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

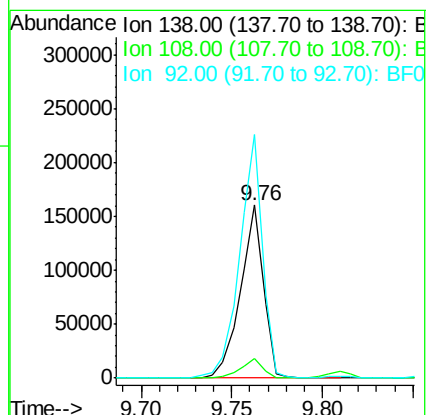
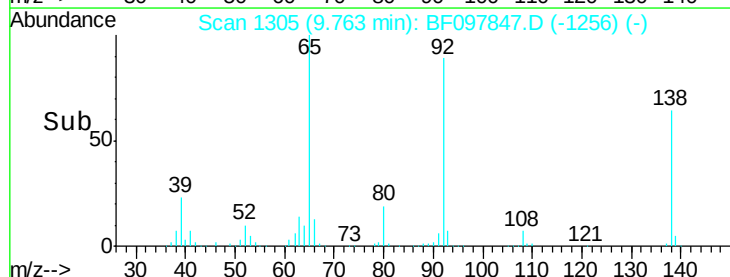
92 140.8 93.8 140.6#

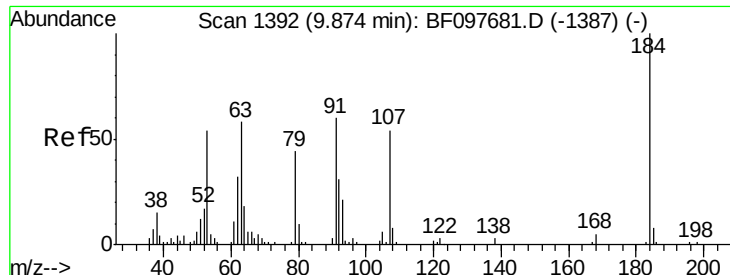


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

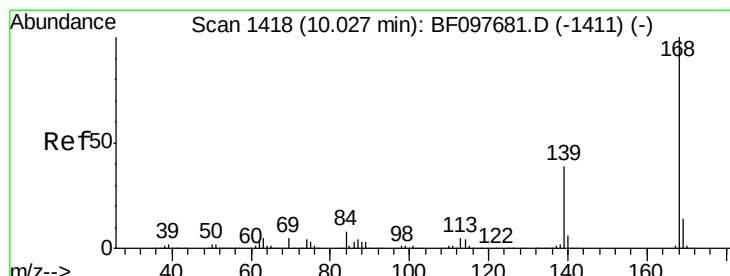
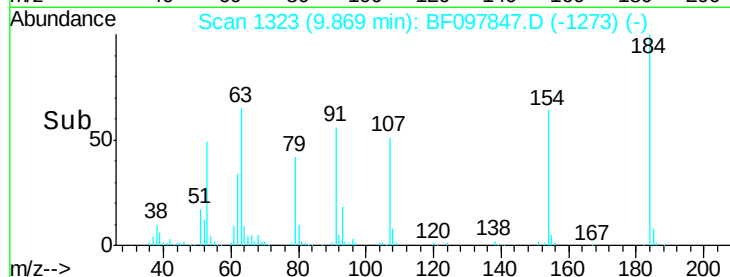
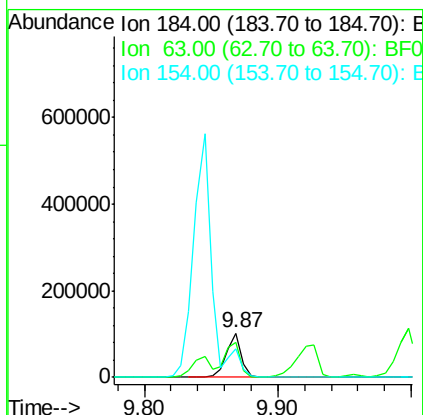
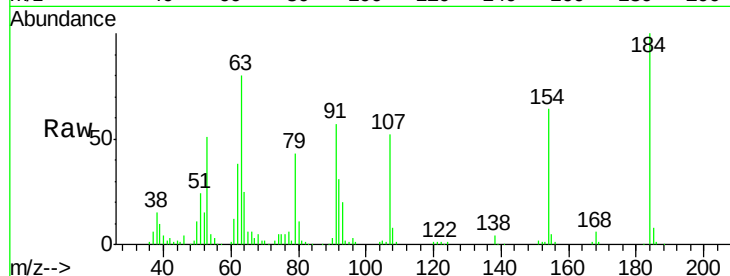




#53
2,4-Dinitrophenol
Concen: 60.67 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

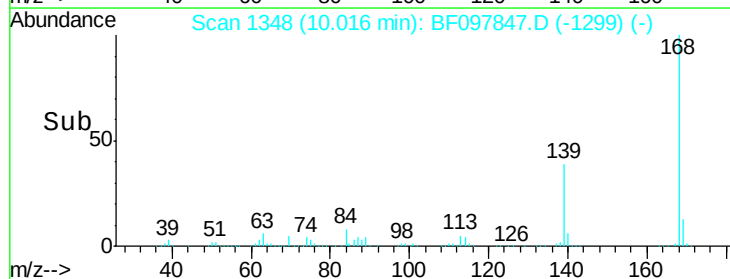
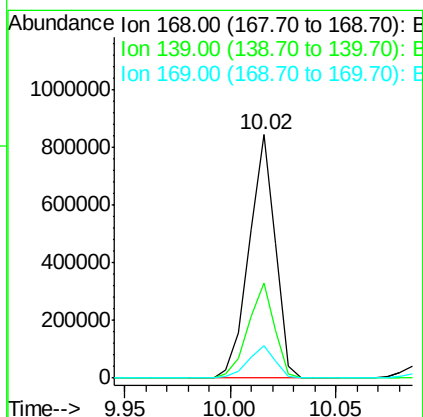
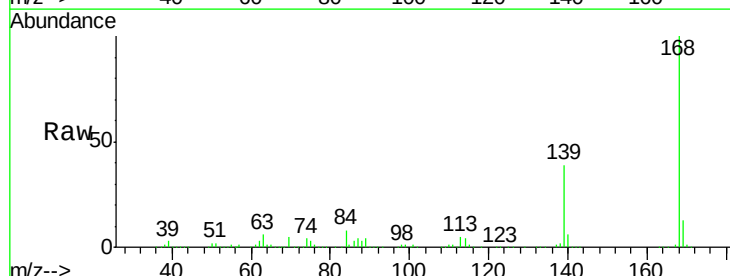
Instrument :
BNA_F
ClientSampleId :
E4-24MS

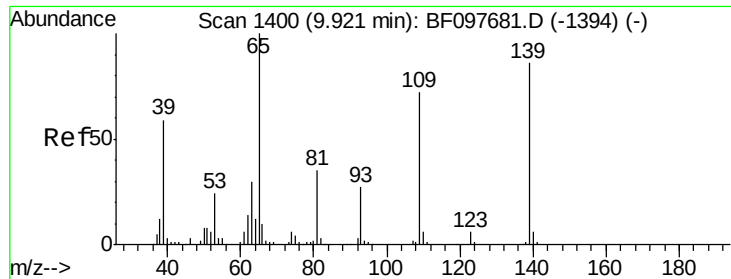
Tot Ion:184 Resp: 81241
Ion Ratio Lower Upper
184 100
63 79.9 62.7 94.1
154 63.9 81.1 121.7#



#54
Dibenzofuran
Concen: 40.23 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion:168 Resp: 727982
Ion Ratio Lower Upper
168 100
139 38.9 30.6 45.8
169 13.4 10.8 16.2

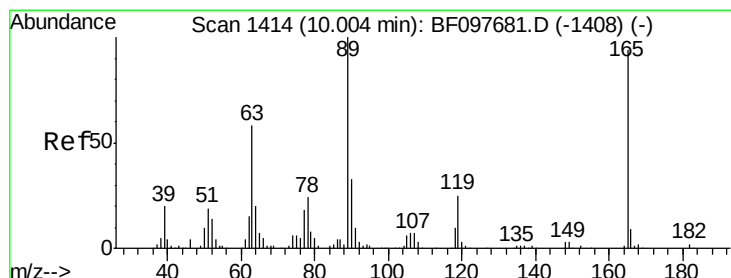
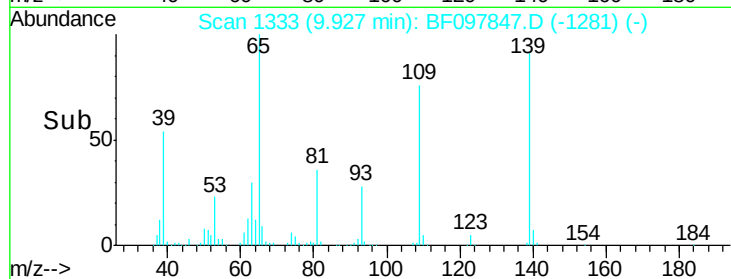
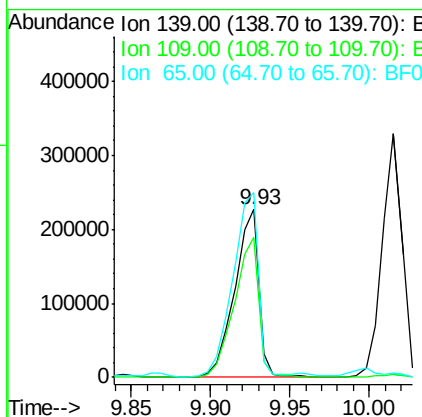
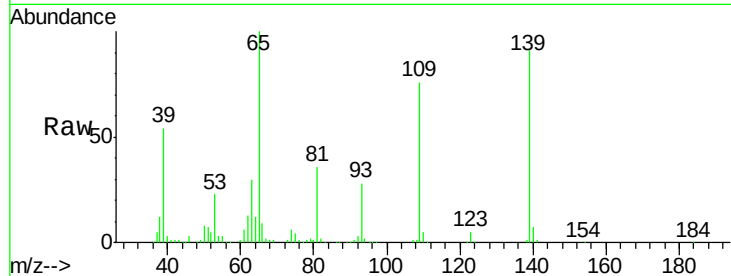




#55
4-Nitrophenol
Concen: 79.46 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

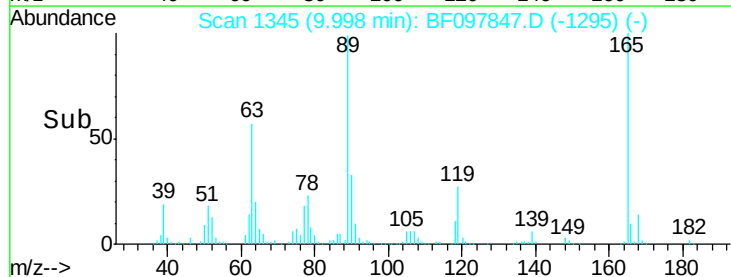
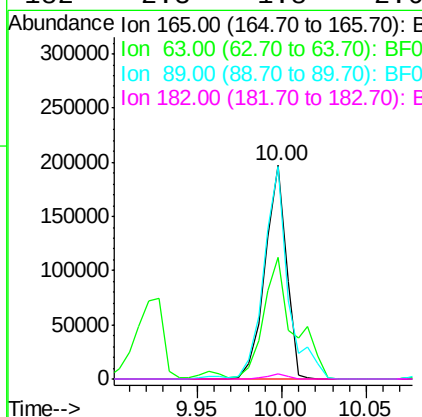
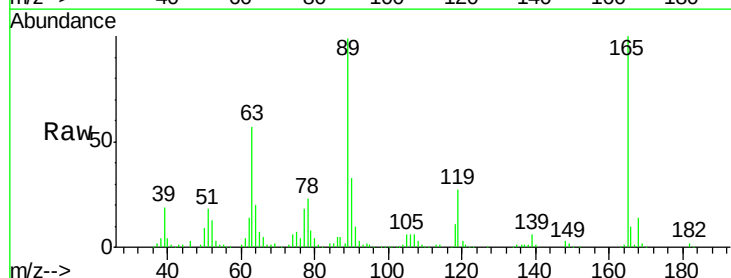
Instrument :
BNA_F
ClientSampled :
E4-24MS

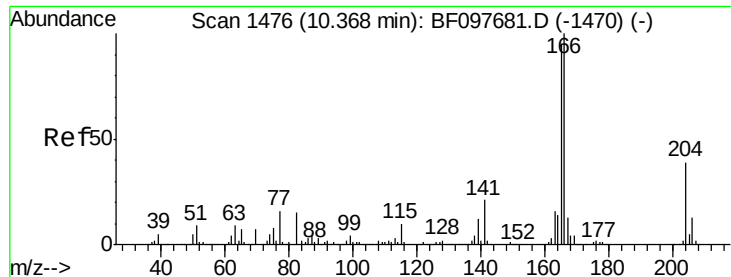
Tot Ion:139 Resp: 241405
Ion Ratio Lower Upper
139 100
109 83.6 34.1 74.1#
65 110.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 46.69 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion:165 Resp: 172971
Ion Ratio Lower Upper
165 100
63 56.8 25.4 38.0#
89 99.4 46.4 69.6#
182 2.3 1.8 2.6

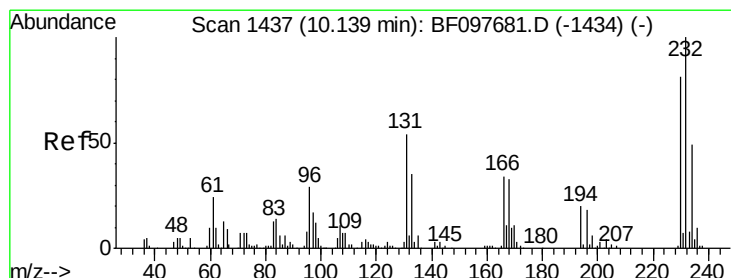
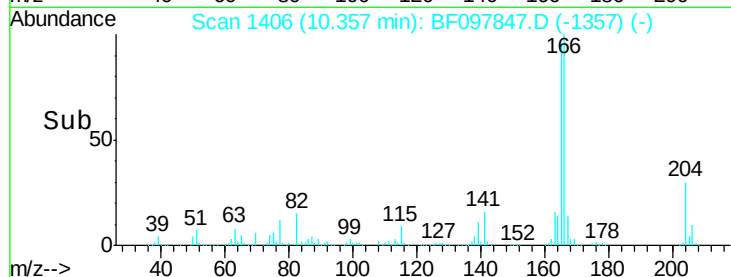
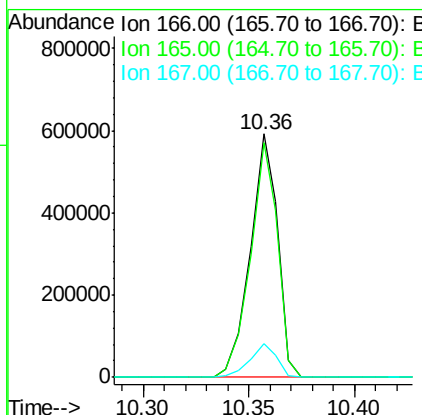
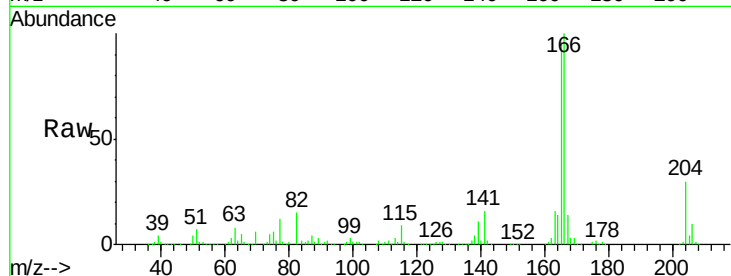




#57
 Fluorene
 Concen: 38.17 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

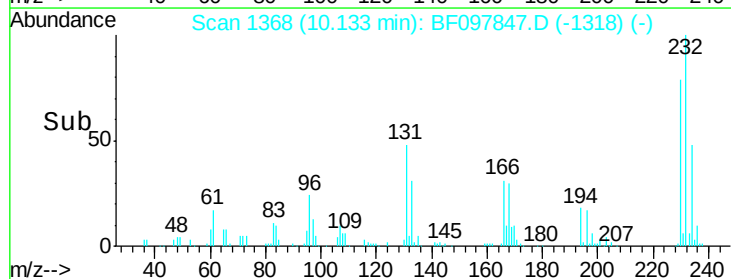
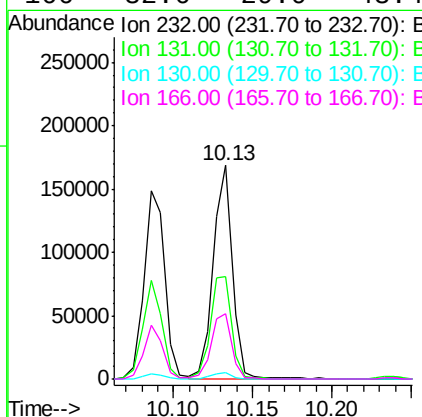
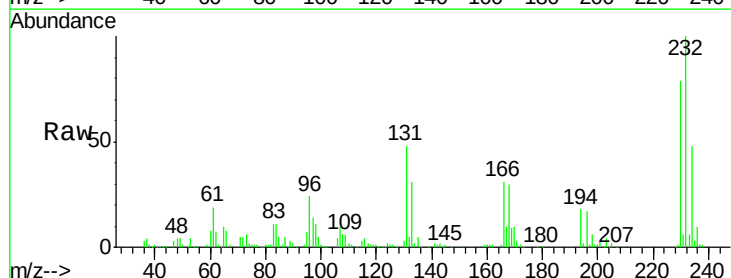
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

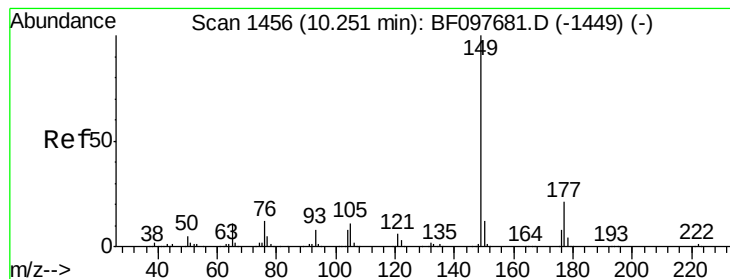
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.8	118.2
167	13.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.70 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	44.8	67.2
130	3.0	2.3	3.5
166	32.6	29.0	43.4





#59

Diethylphthalate

Concen: 39.97 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

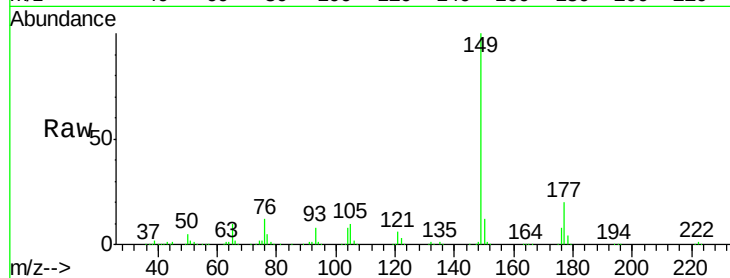
Tot Ion:149 Resp: 618171

Ion Ratio Lower Upper

149 100

177 20.4 16.7 25.1

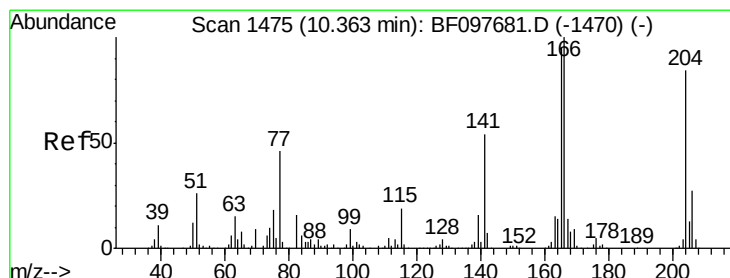
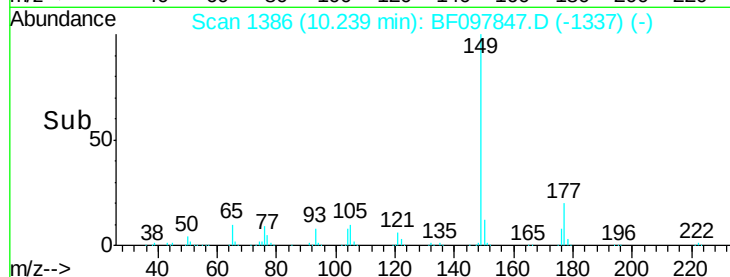
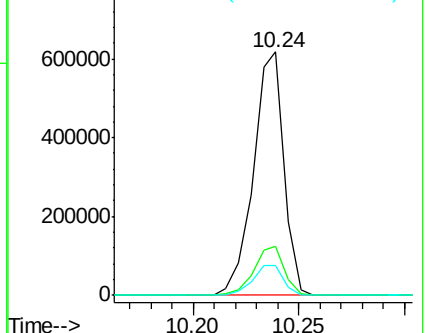
150 12.1 10.2 15.2



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: 37.74 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

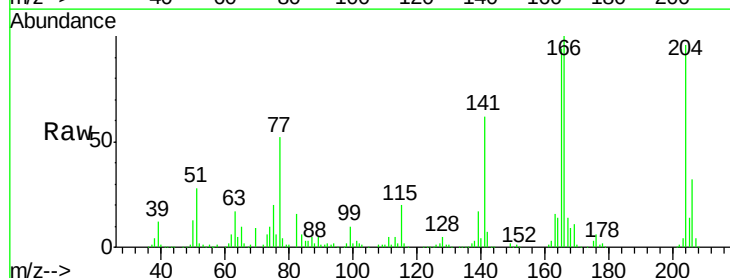
Tgt Ion:204 Resp: 245258

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

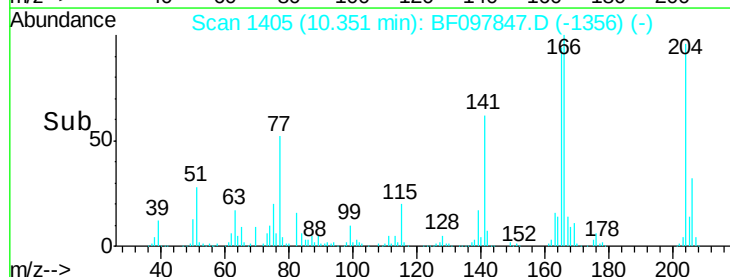
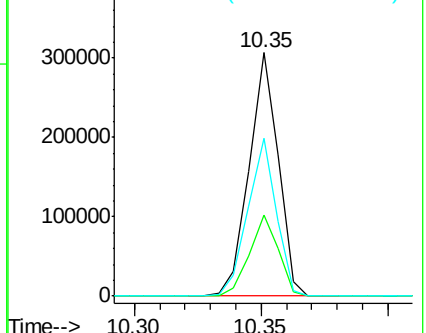
141 64.7 60.8 91.2

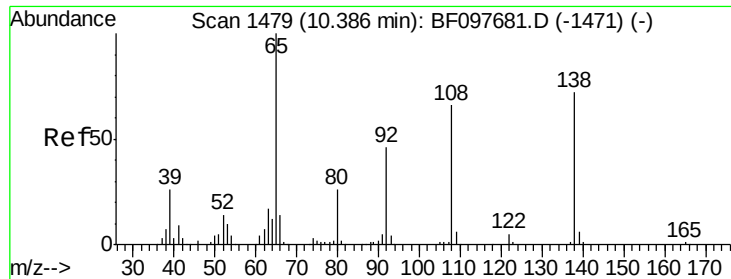


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

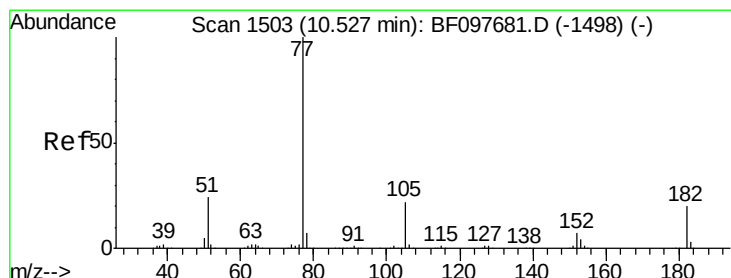
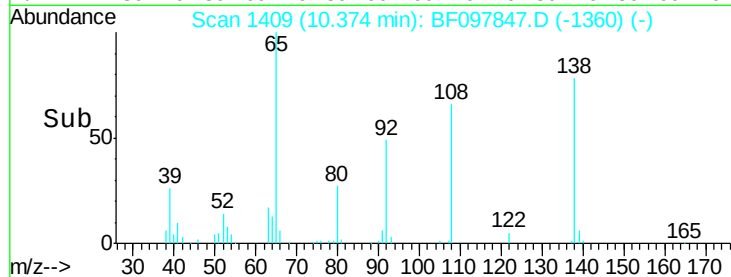
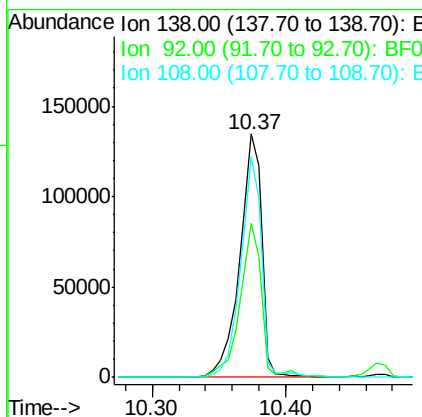
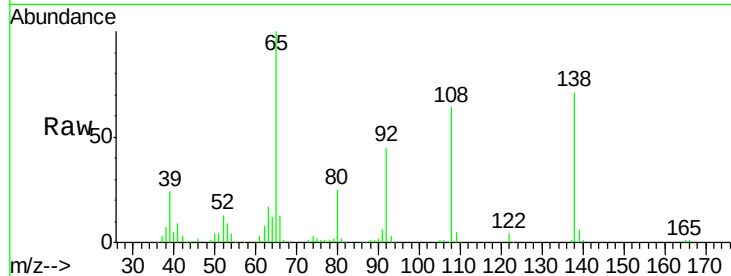




#61
4-Nitroaniline
Concen: 42.65 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

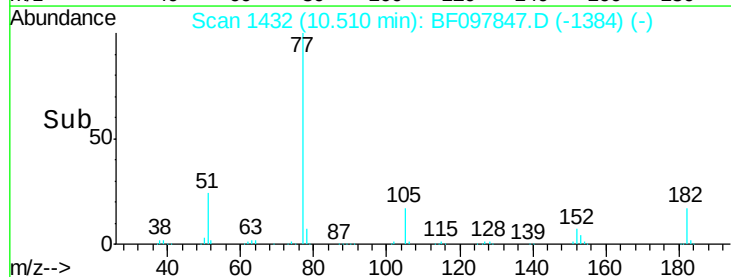
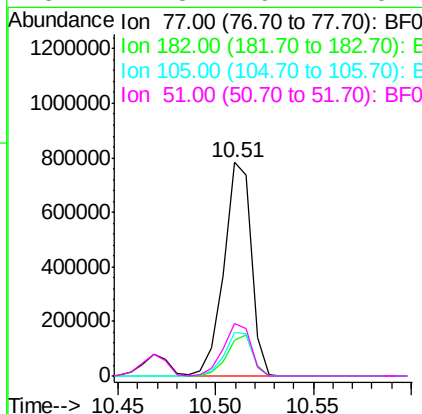
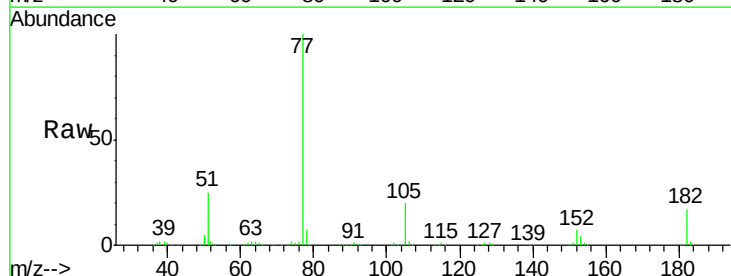
Instrument :
BNA_F
ClientSampleId :
E4-24MS

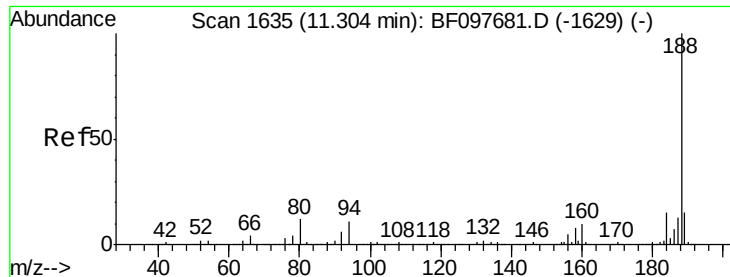
Tot Ion:138 Resp: 154382
Ion Ratio Lower Upper
138 100
92 63.0 21.8 61.8#
108 90.5 42.3 82.3#



#62
Azobenzene
Concen: 41.45 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion: 77 Resp: 761408
Ion Ratio Lower Upper
77 100
182 16.6 0.1 40.1
105 20.3 3.6 43.6
51 24.8 9.4 49.4

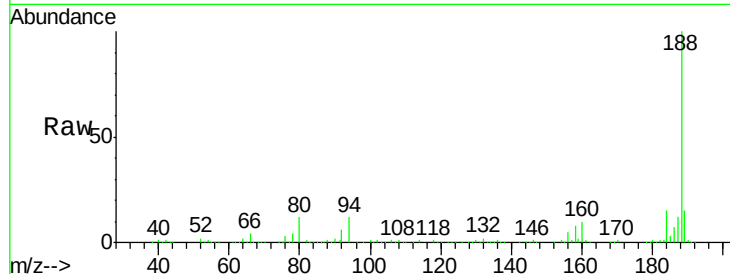




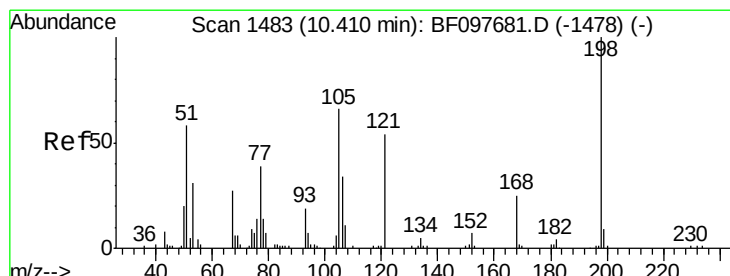
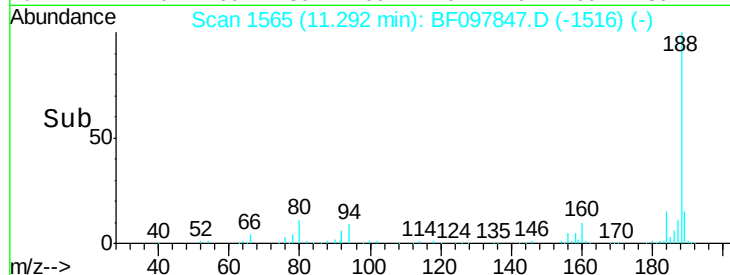
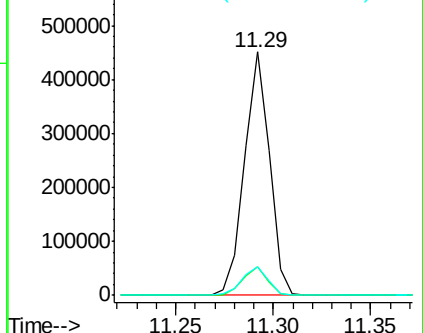
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Instrument :
BNA_F
ClientSampleId :
E4-24MS

Tot Ion:188 Resp: 401979
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 11.7 10.2 15.2

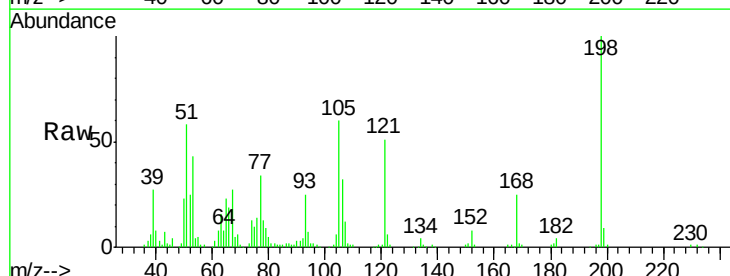


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

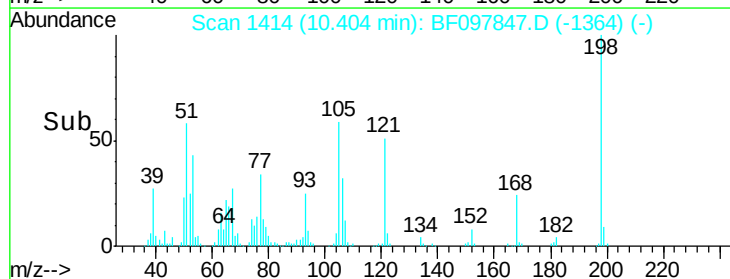
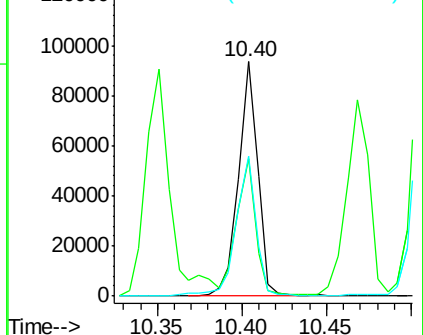


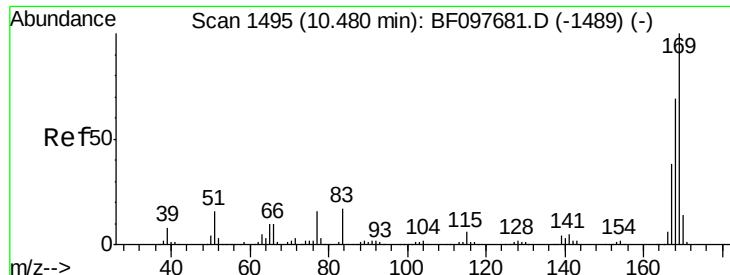
#64
4,6-Dinitro-2-methylphenol
Concen: 40.68 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion:198 Resp: 74145
Ion Ratio Lower Upper
198 100
51 58.5 53.2 93.2
105 59.7 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

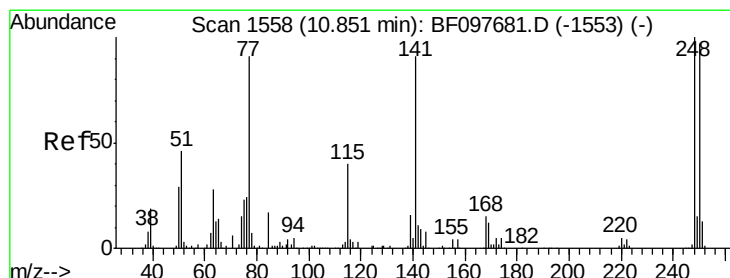
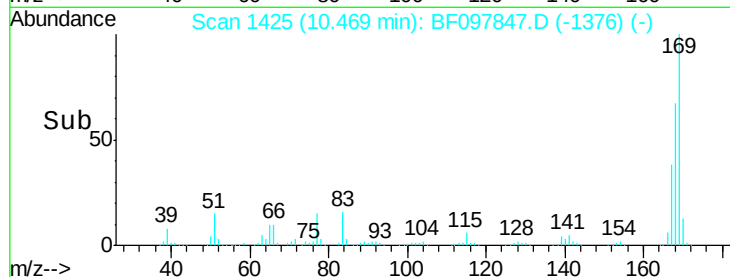
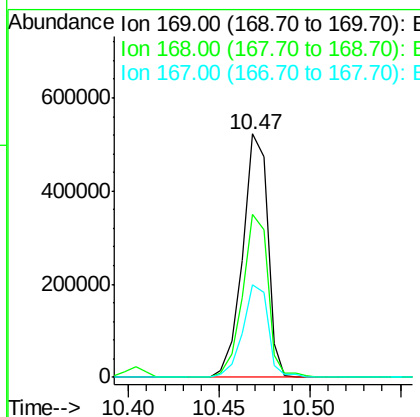
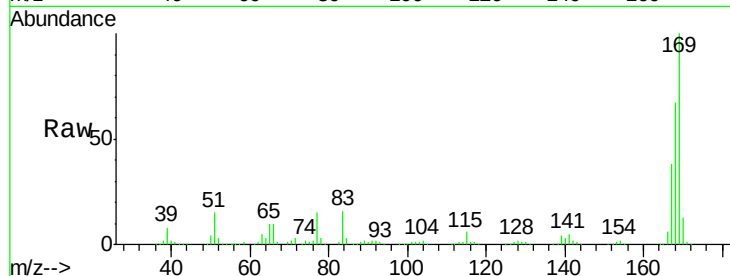




#65
 n-Nitrosodiphenylamine
 Concen: 36.60 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

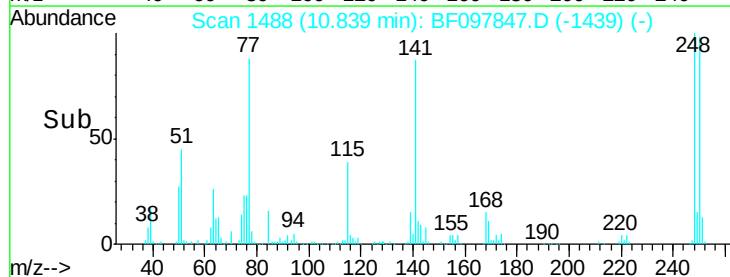
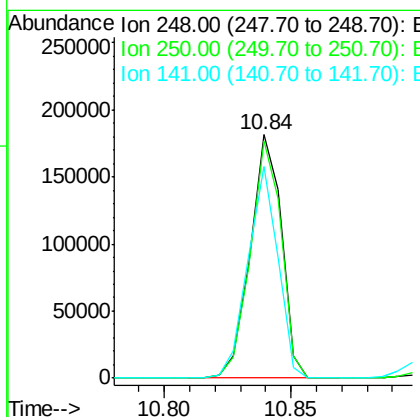
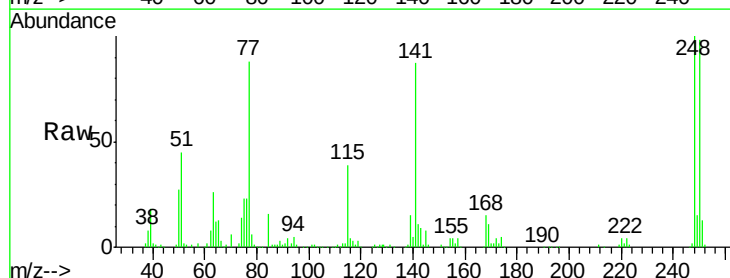
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

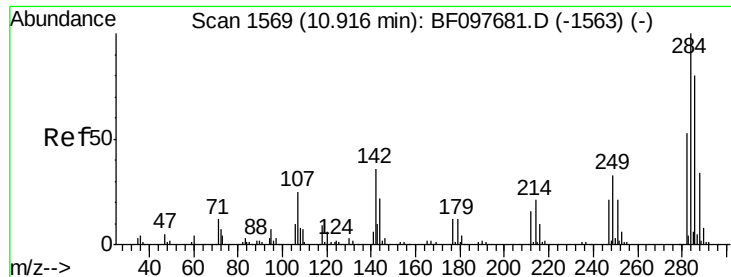
Tot Ion:169 Resp: 500984
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.2 79.8
 167 37.8 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 37.33 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:248 Resp: 155834
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.8 115.2
 141 87.2 68.6 103.0





#67

Hexachlorobenzene

Concen: 35.85 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

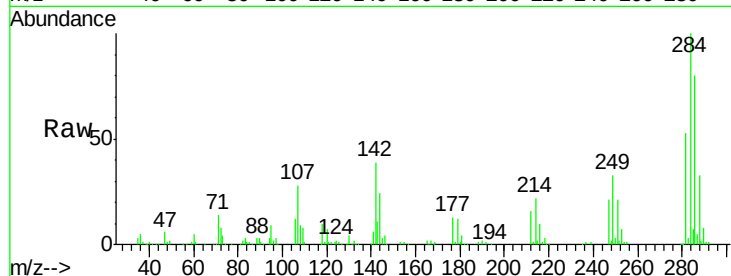
Tot Ion:284 Resp: 152552

Ion Ratio Lower Upper

284 100

142 39.4 22.8 34.2#

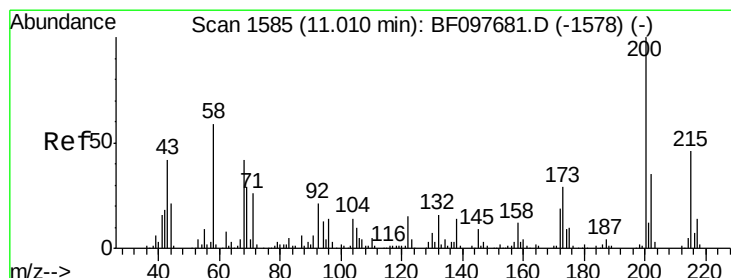
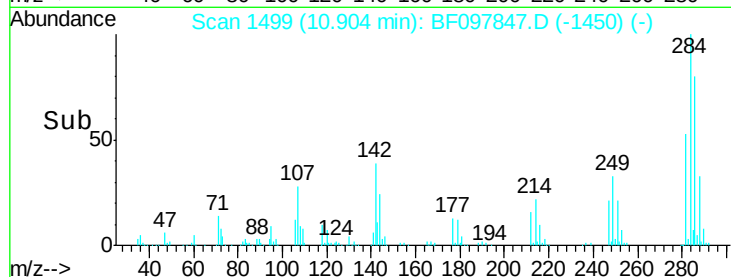
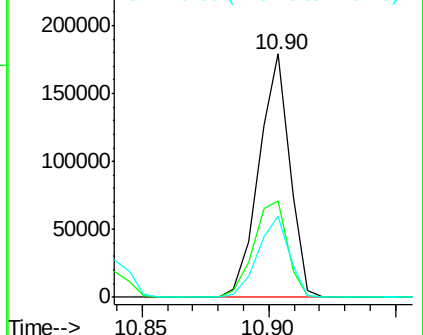
249 33.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.73 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

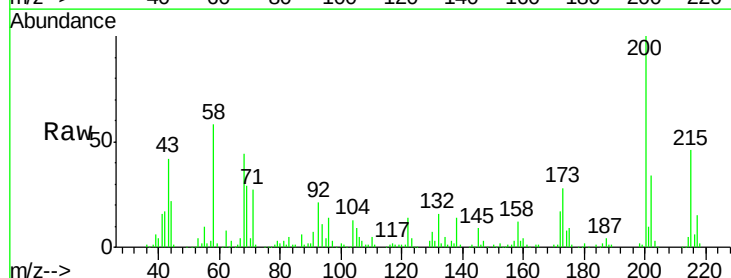
Tgt Ion:200 Resp: 158766

Ion Ratio Lower Upper

200 100

173 28.2 6.3 46.3

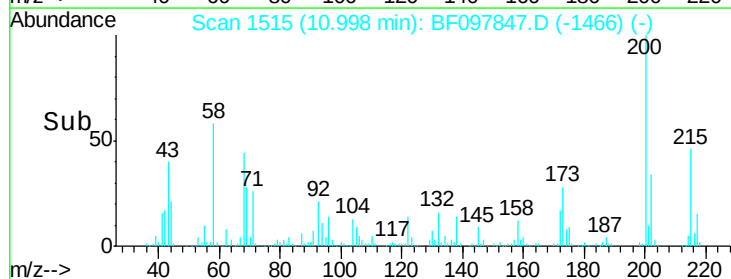
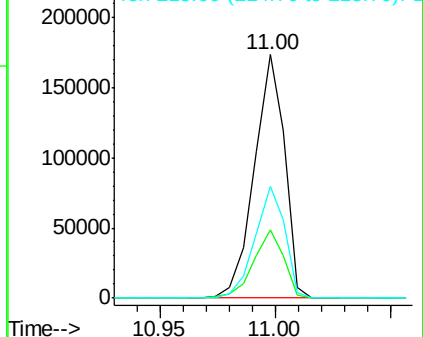
215 46.1 27.2 67.2

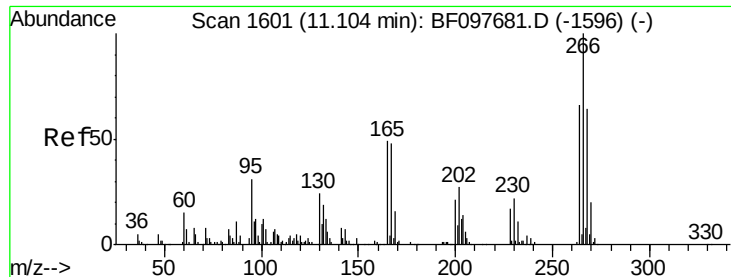


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

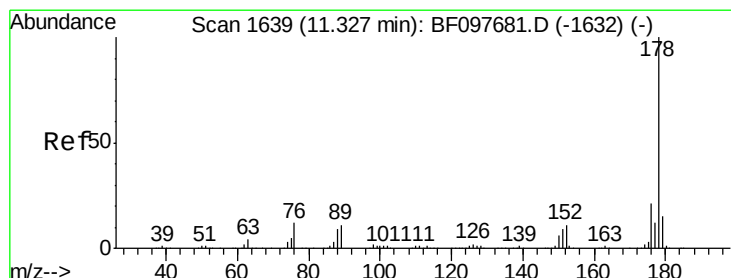
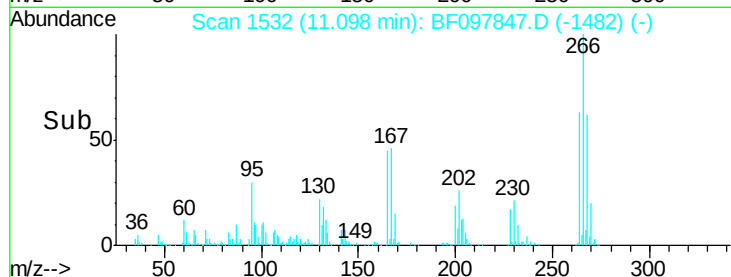
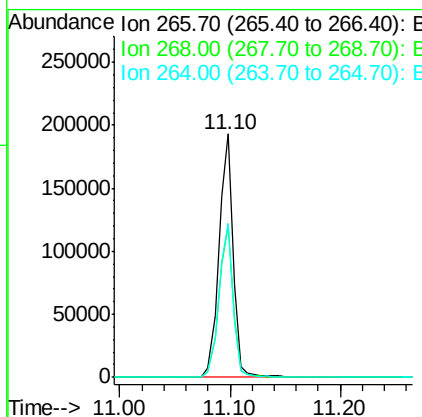
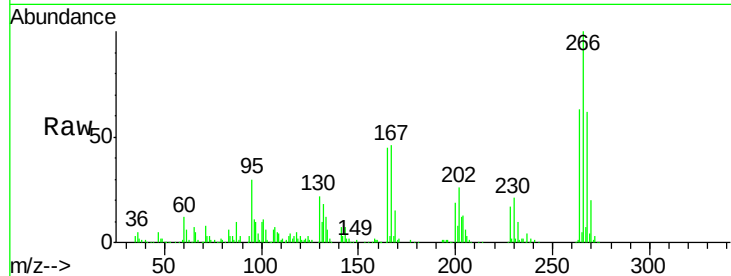




#69
 Pentachlorophenol
 Concen: 69.72 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

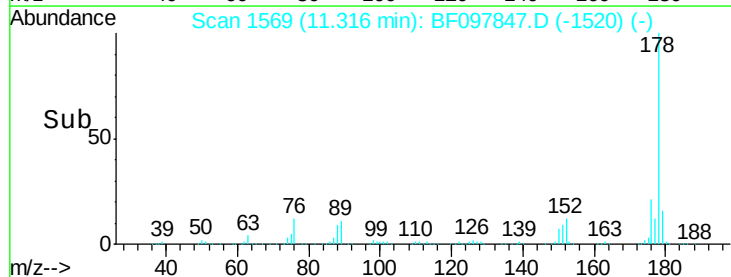
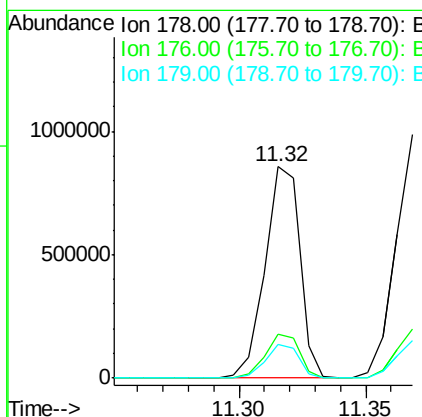
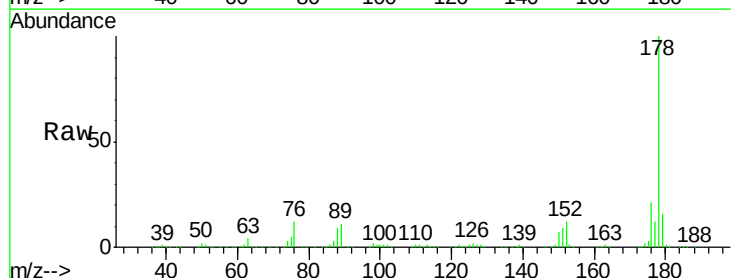
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

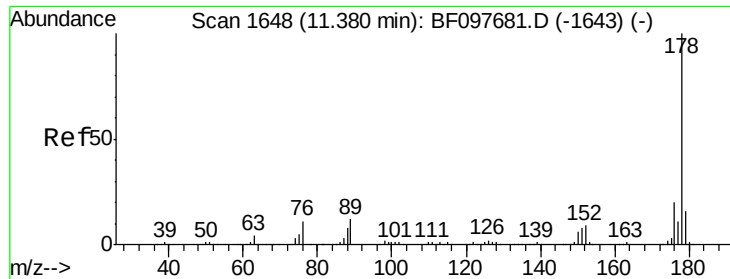
Tot Ion:266 Resp: 172950
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 63.4 51.7 77.5



#70
 Phenanthrene
 Concen: 38.21 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:178 Resp: 818429
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.2 24.4
 179 15.8 12.6 19.0

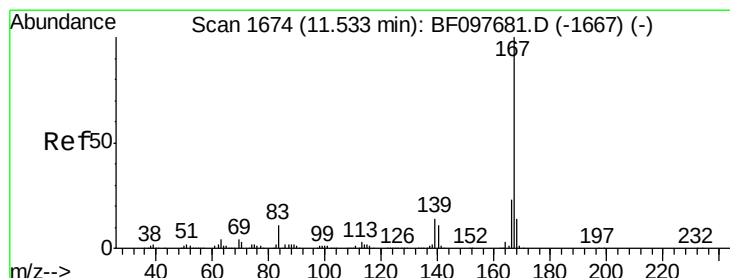
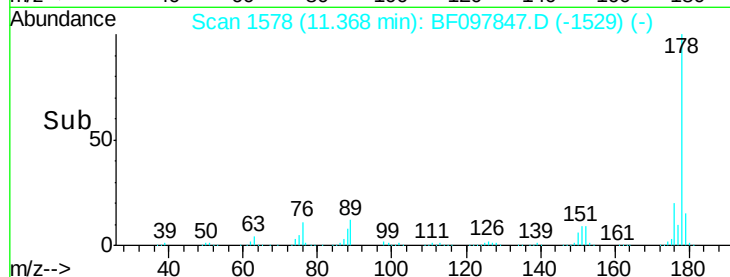
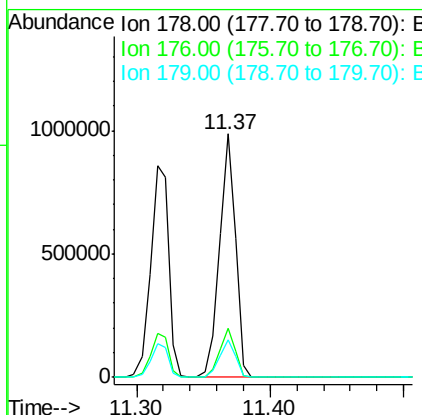
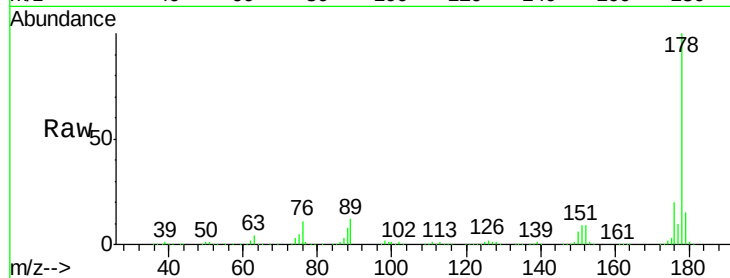




#71
 Anthracene
 Concen: 38.64 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

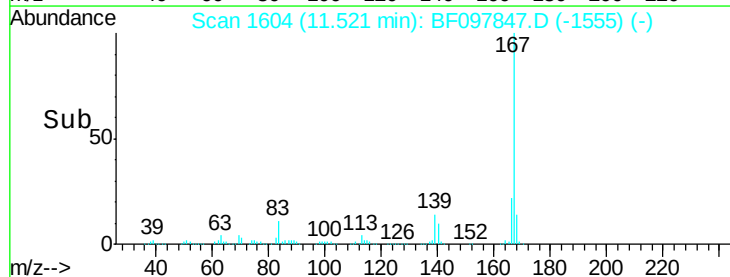
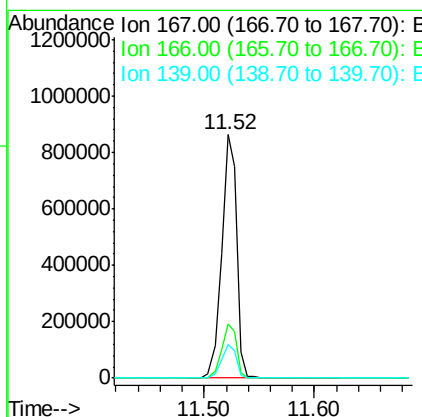
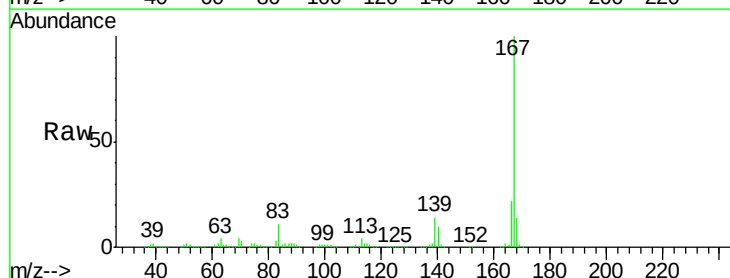
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

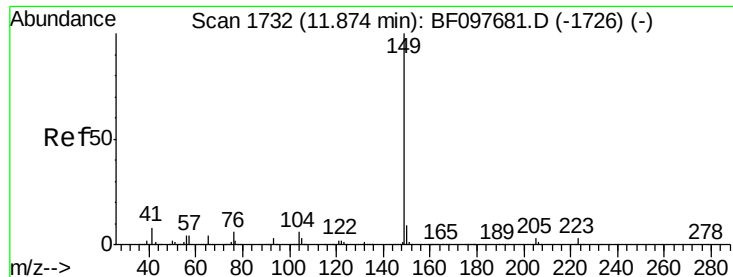
Tot Ion:178 Resp: 839465
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 39.54 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:167 Resp: 815444
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.85 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

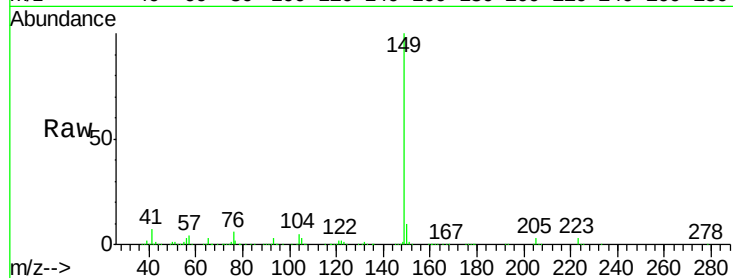
Tot Ion:149 Resp: 970340

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

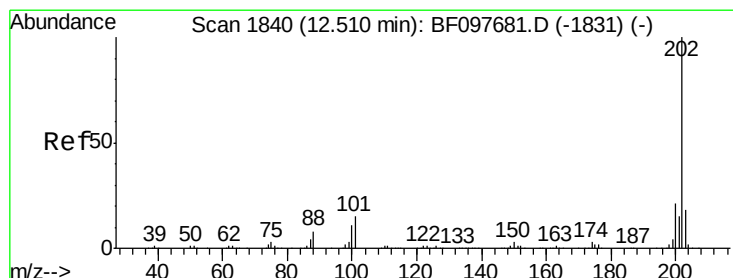
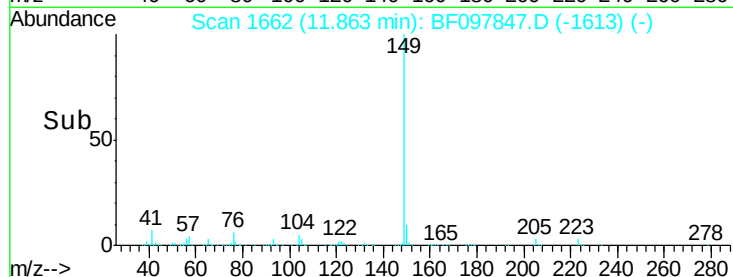
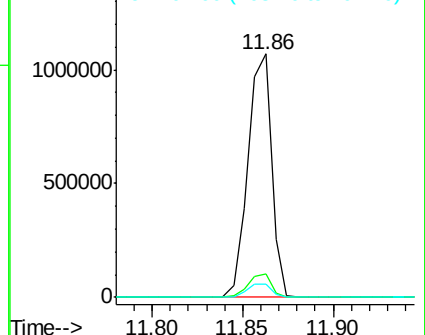
104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.27 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

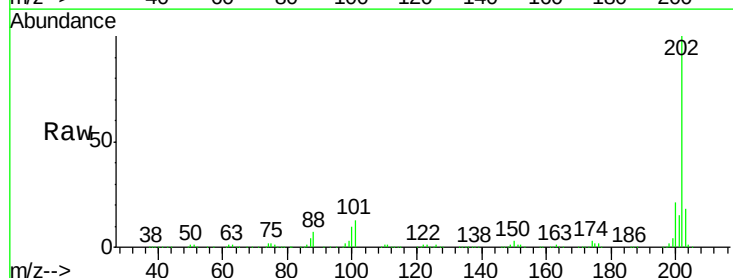
Tgt Ion:202 Resp: 900276

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

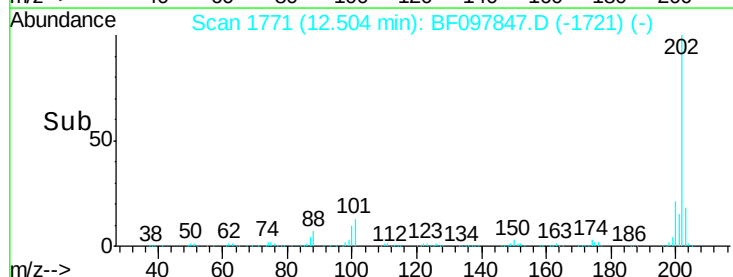
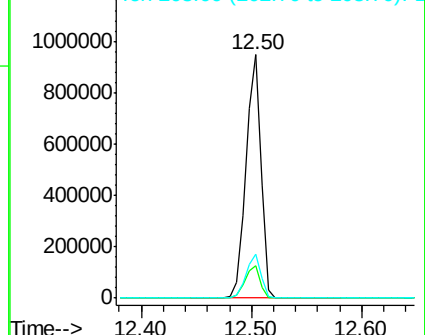
203 18.1 0.0 38.1

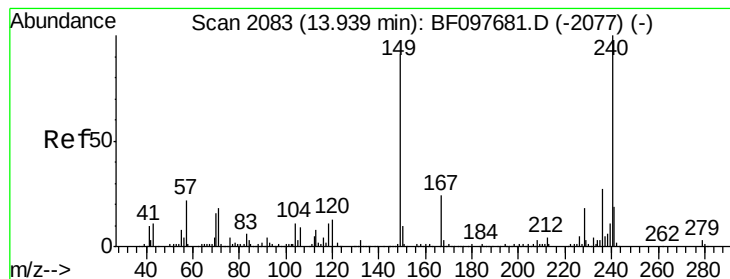


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

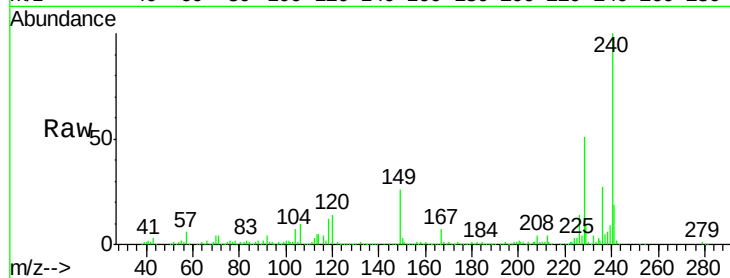
Tot Ion:240 Resp: 333649

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

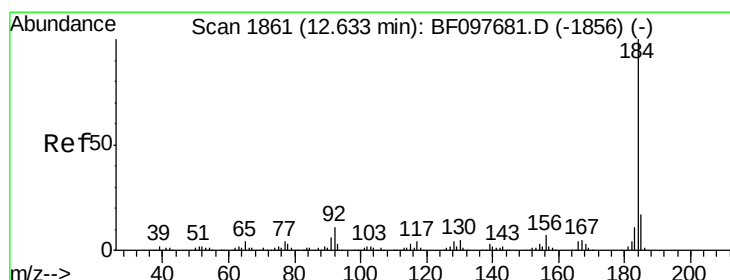
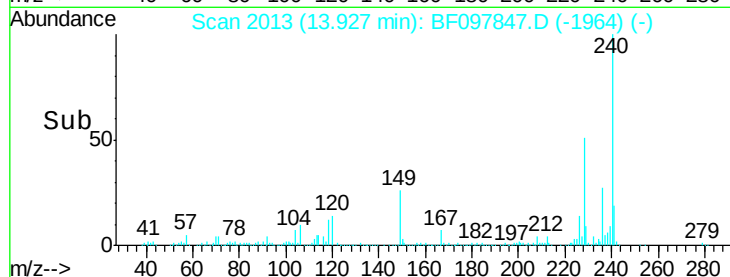
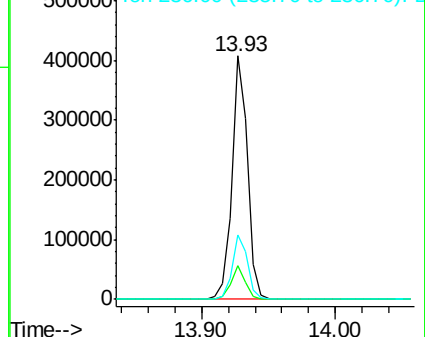
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.84 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

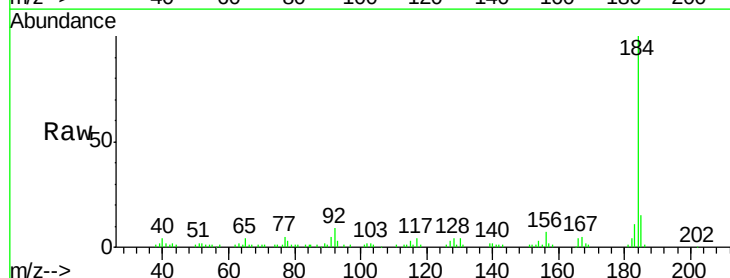
Tgt Ion:184 Resp: 63897

Ion Ratio Lower Upper

184 100

185 14.9 15.5 23.3#

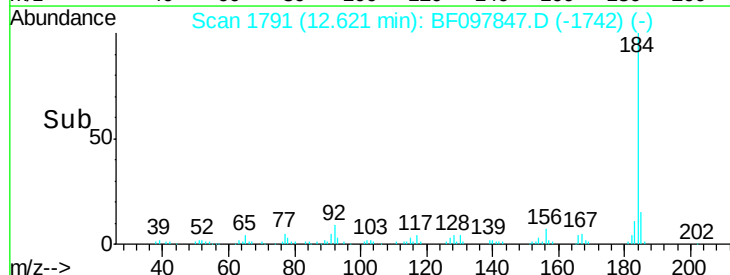
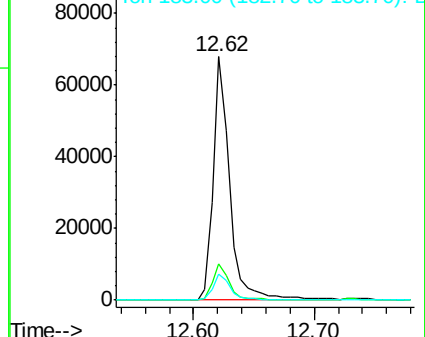
183 10.8 9.8 14.6

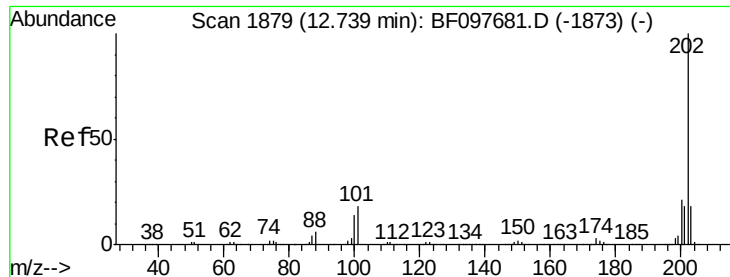


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

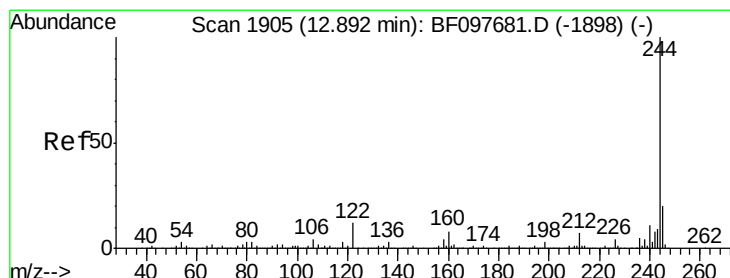
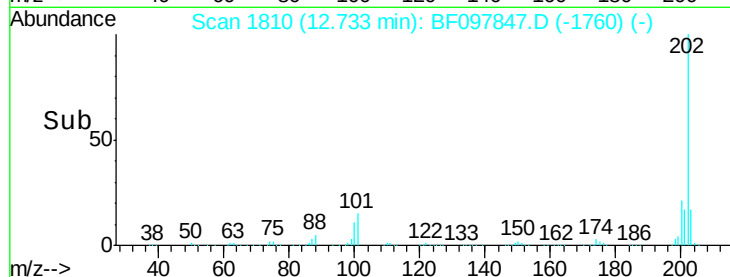
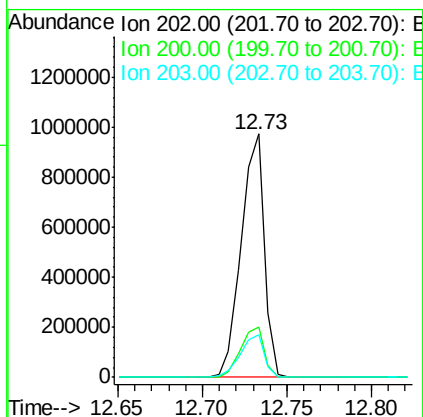
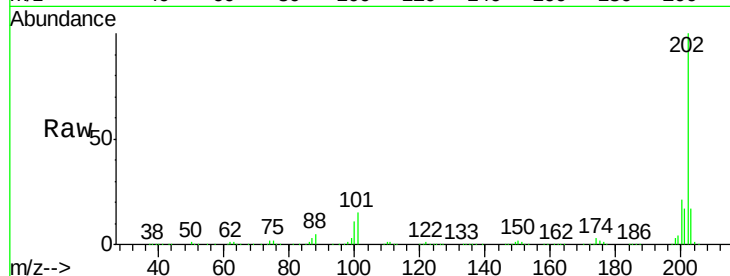




#77
Pvrene
Concen: 34.10 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

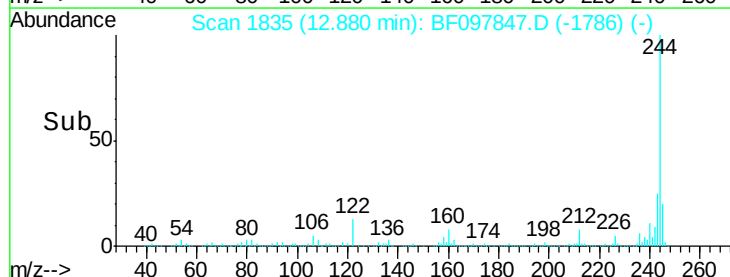
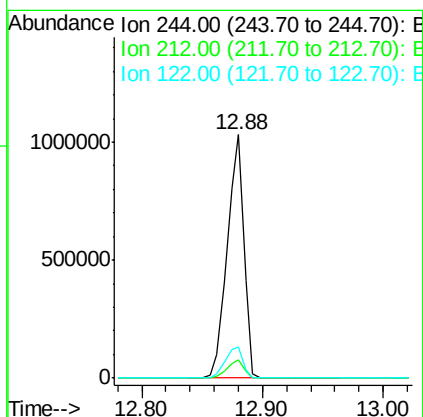
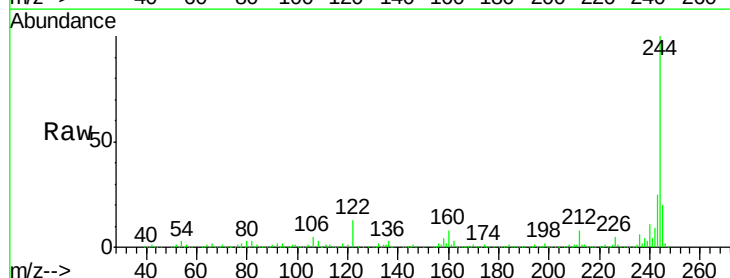
Instrument :
BNA_F
ClientSampleId :
E4-24MS

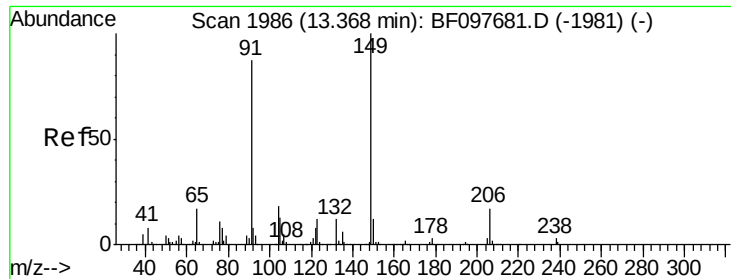
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.3	14.4	21.6



#78
Terphenyl-d14
Concen: 61.73 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.6	10.3	15.5





#79

Butylbenzylphthalate

Concen: 40.18 ng

RT: 13.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

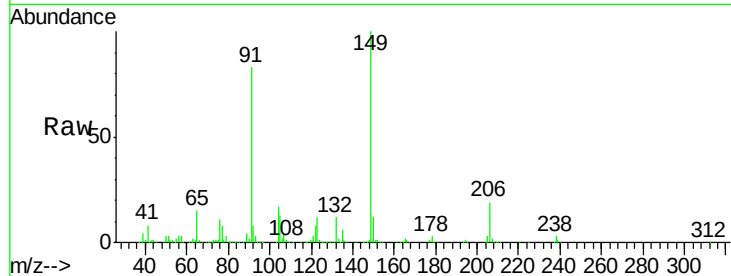
Tot Ion:149 Resp: 420370

Ion Ratio Lower Upper

149 100

91 83.4 45.0 67.4#

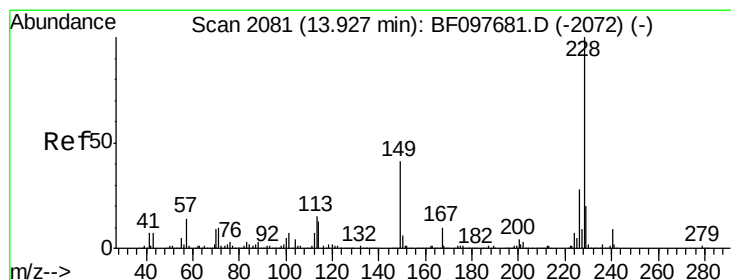
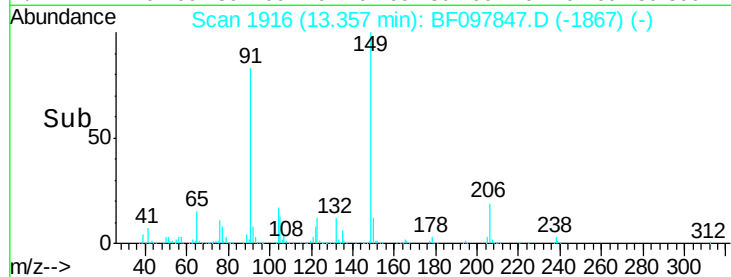
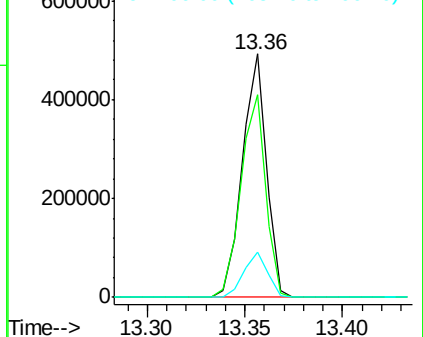
206 18.8 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.04 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

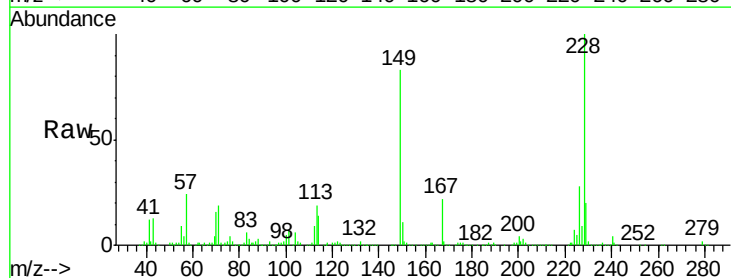
Tgt Ion:228 Resp: 720623

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

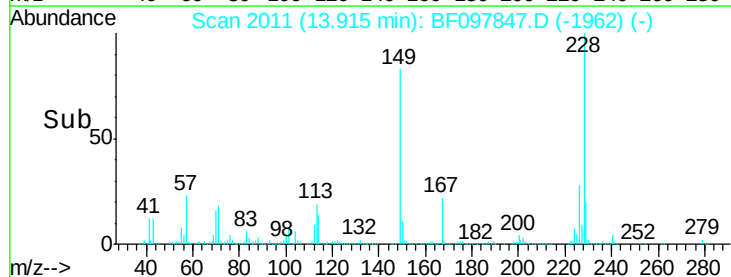
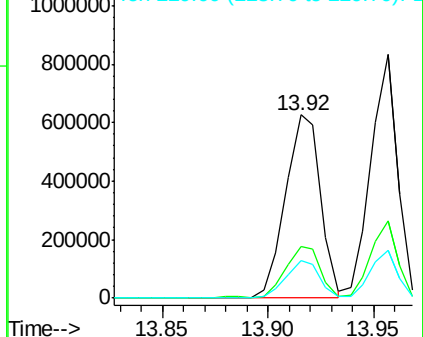
229 20.3 16.3 24.5

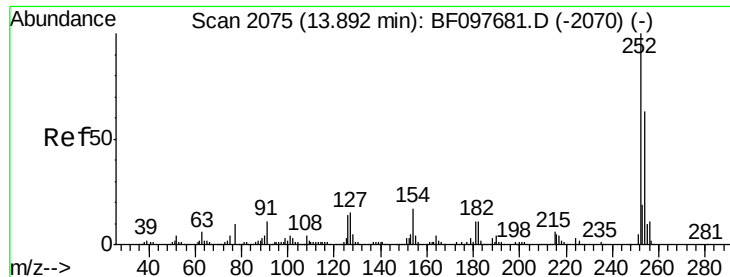


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 36.08 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

Instrument :

BNA_F

ClientSampleId :

E4-24MS

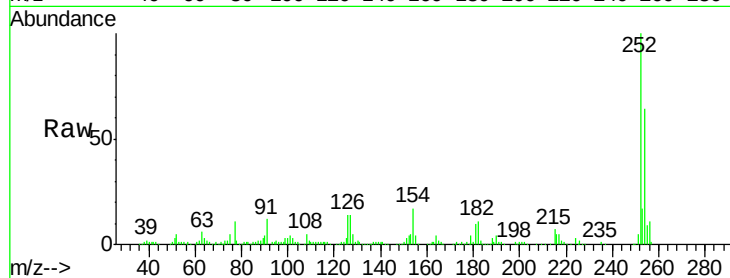
Tot Ion:252 Resp: 243441

Ion Ratio Lower Upper

252 100

254 63.6 51.5 77.3

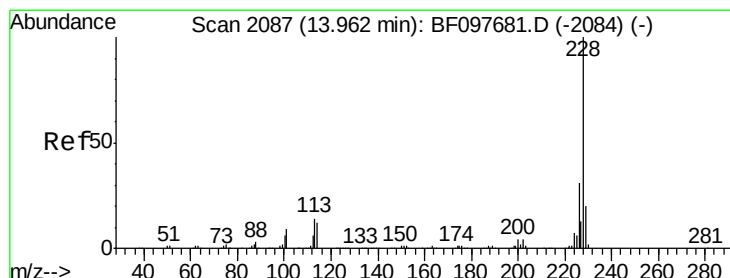
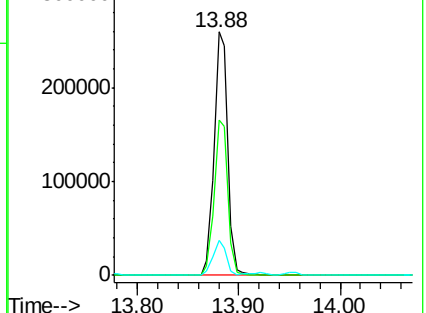
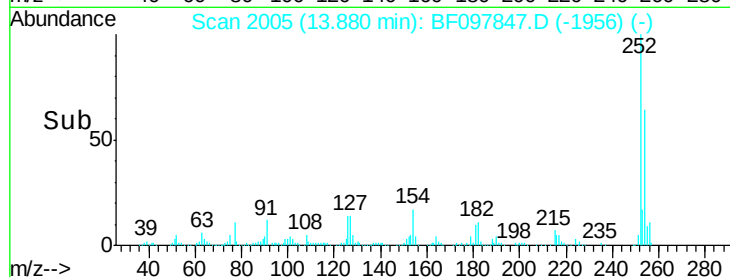
126 14.2 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.29 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF097847.D

Acq: 18 Aug 2017 22:00

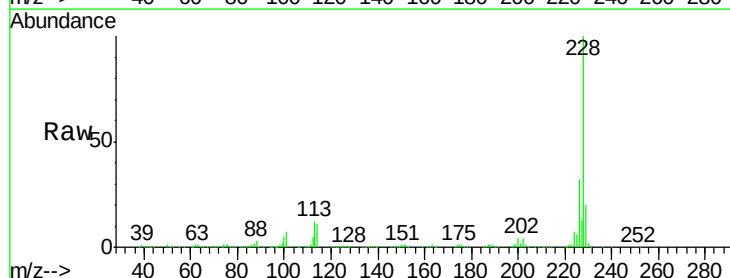
Tgt Ion:228 Resp: 741786

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

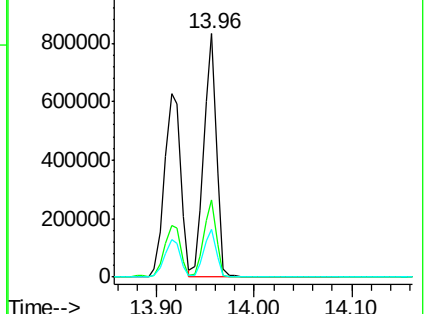
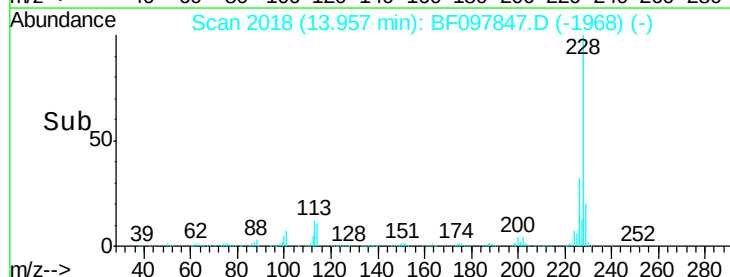
229 19.7 15.8 23.6

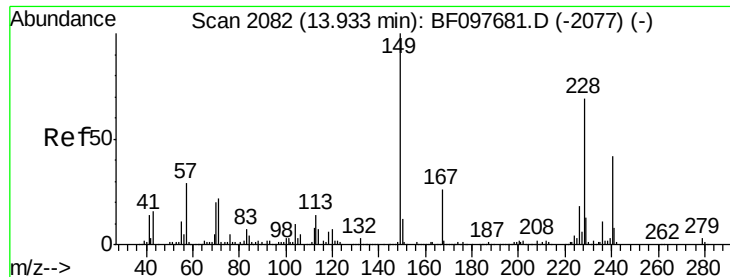


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

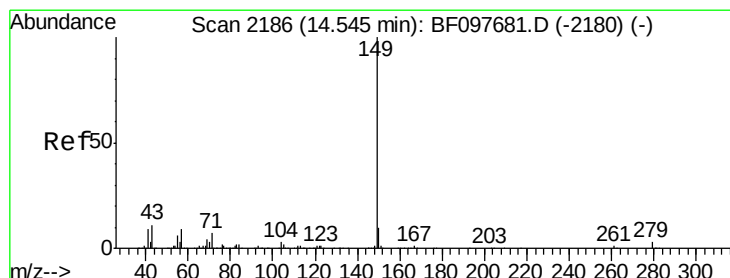
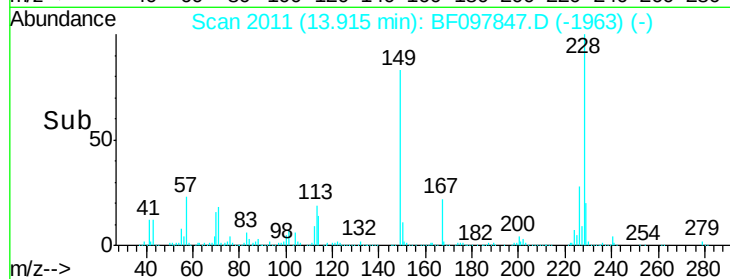
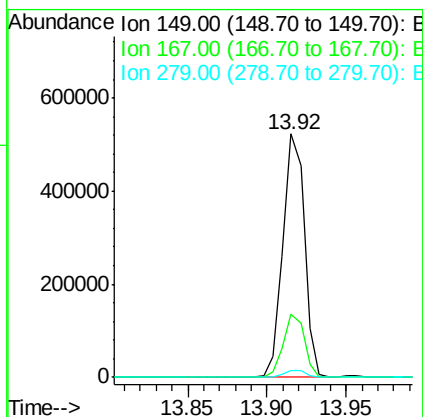
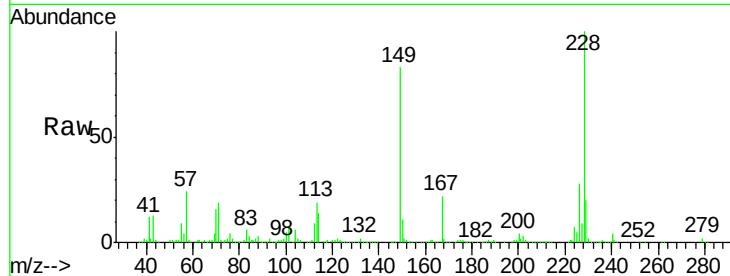




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.73 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

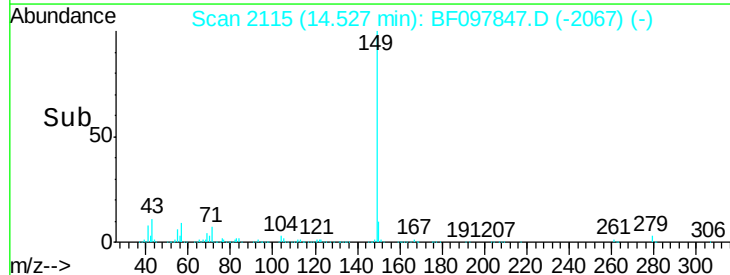
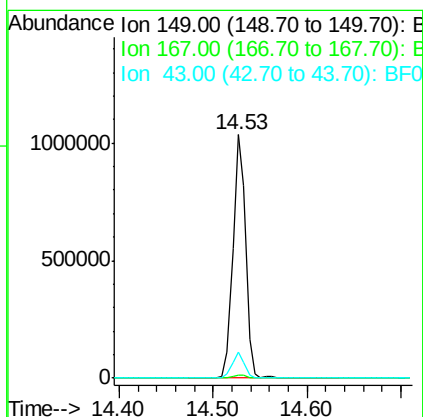
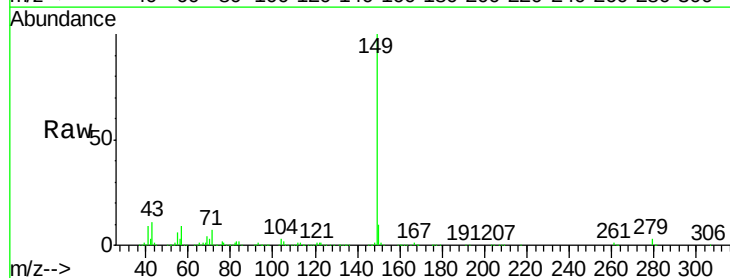
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

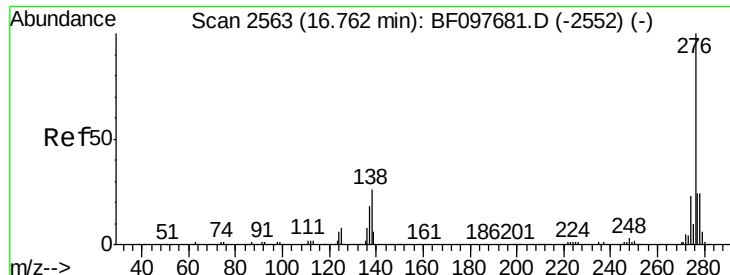
Tot Ion:149 Resp: 495380
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.80 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:149 Resp: 964250
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.4 8.5 12.7

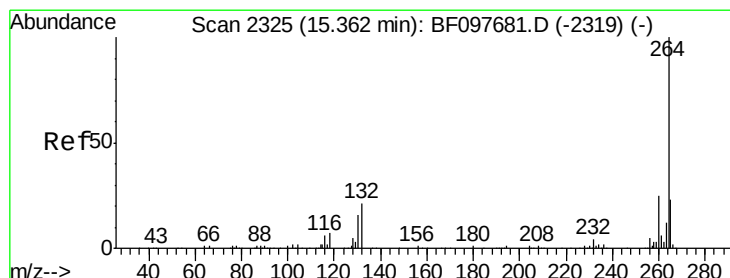
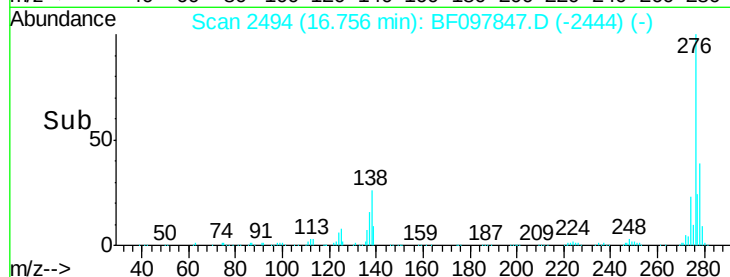
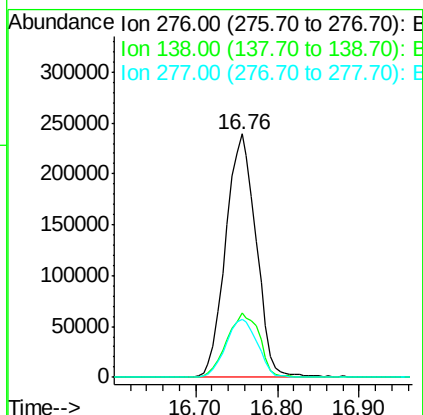
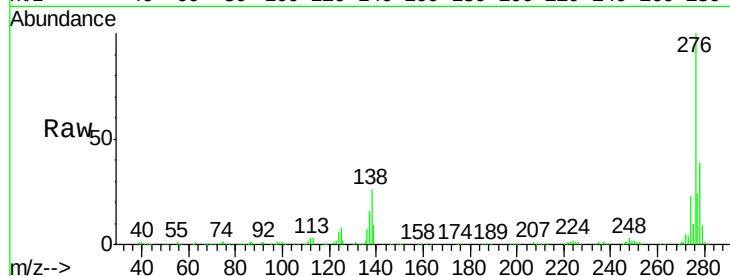




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.35 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

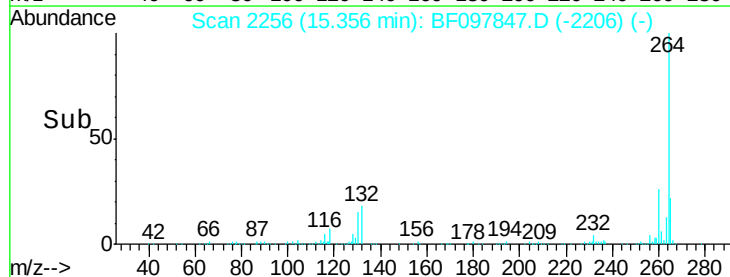
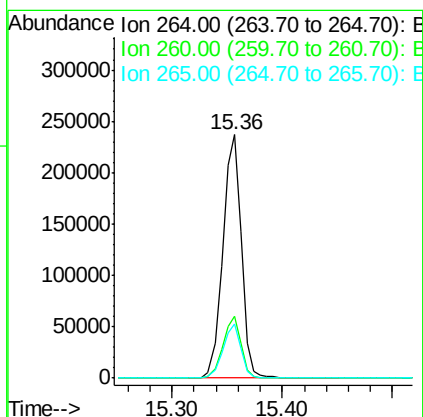
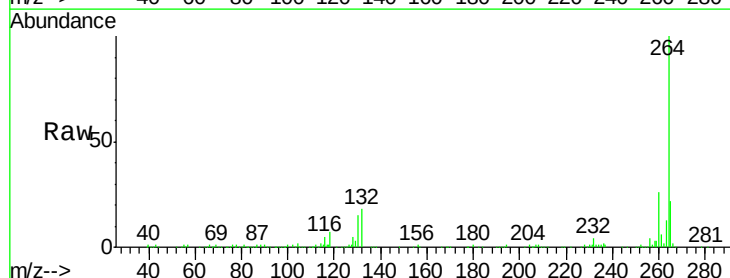
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

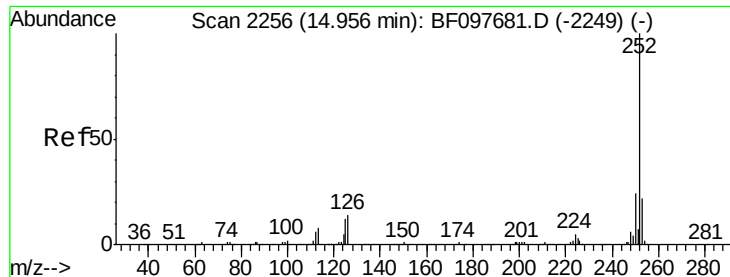
Tot Ion:276 Resp: 619772
 Ion Ratio Lower Upper
 276 100
 138 28.5 27.8 41.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Tgt Ion:264 Resp: 277971
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.5 29.3
 265 22.4 17.2 25.8

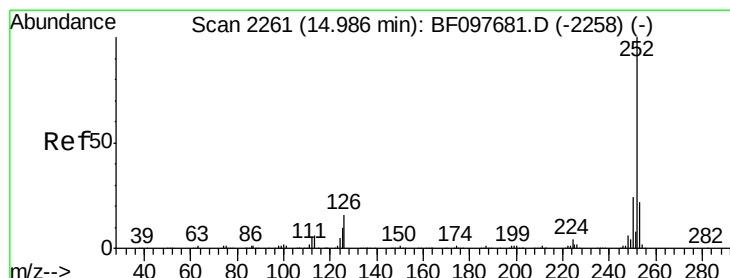
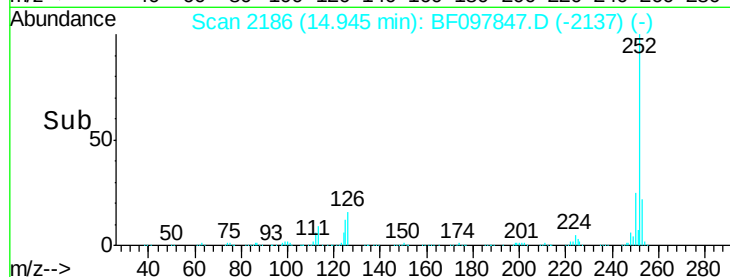
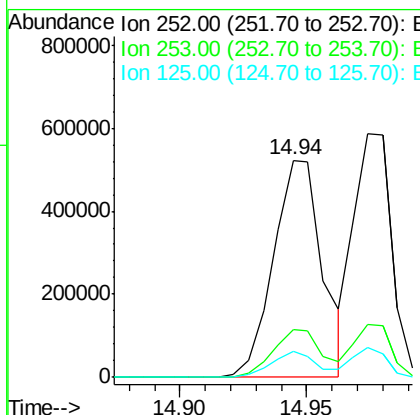
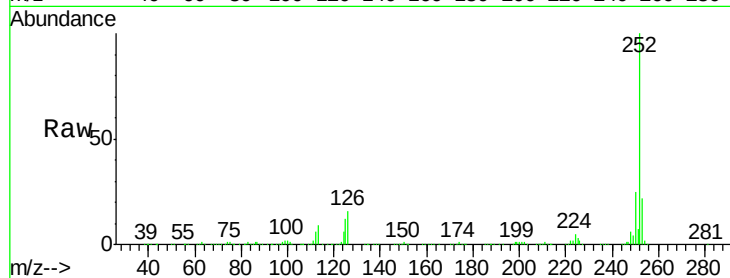




#87
Benzo(b)fluoranthene
Concen: 40.30 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

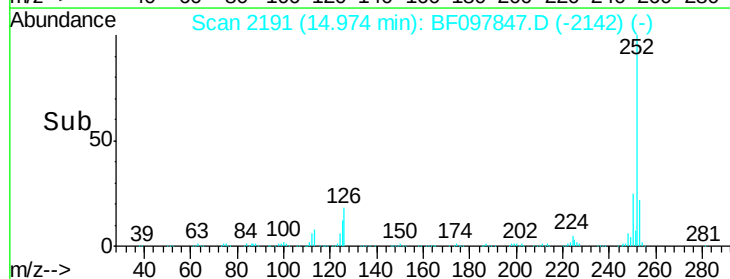
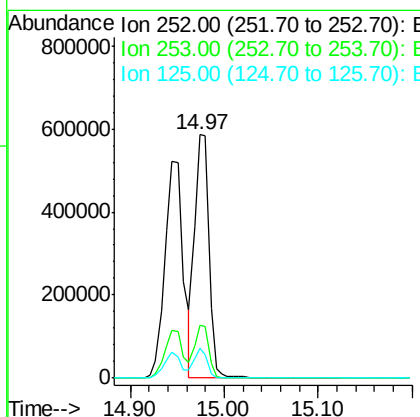
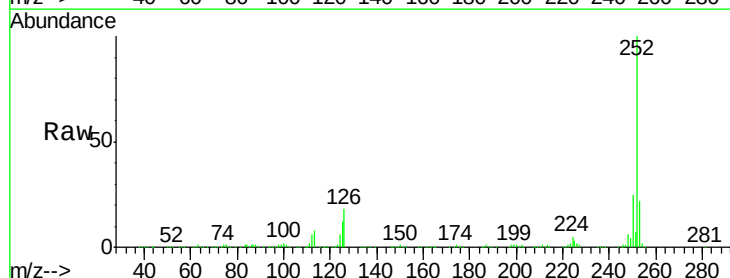
Instrument :
BNA_F
ClientSampleId :
E4-24MS

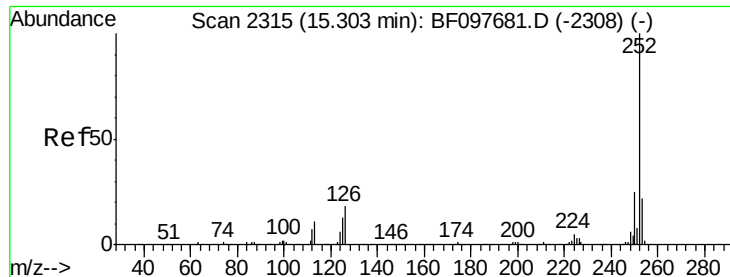
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.1	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 37.82 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	12.0	13.1	19.7#

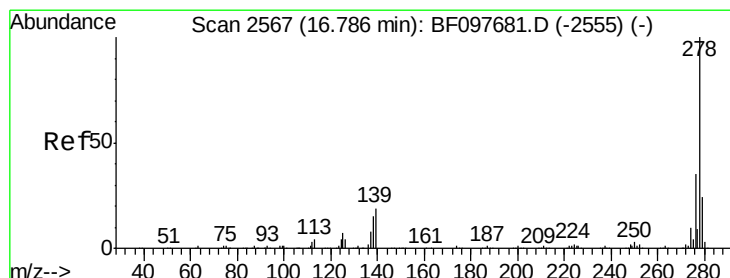
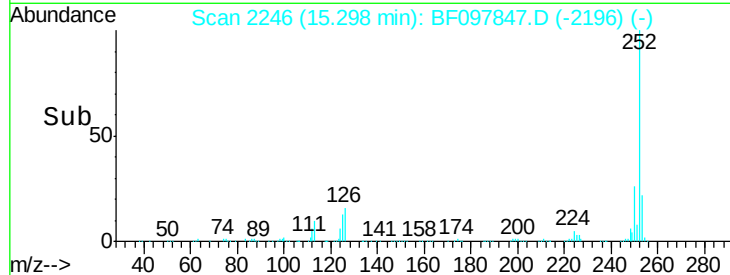
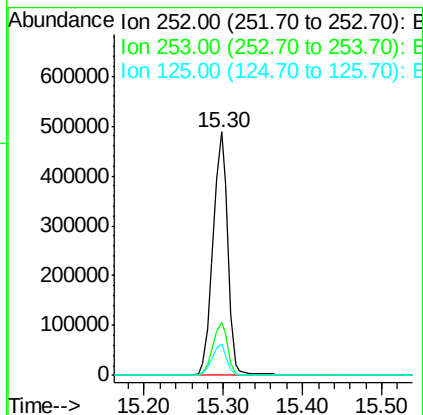
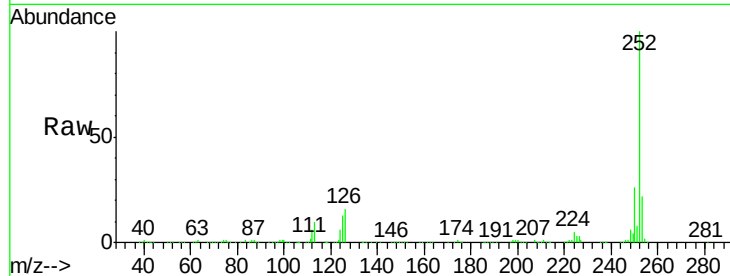




#89
Benzo(a)pyrene
Concen: 40.89 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

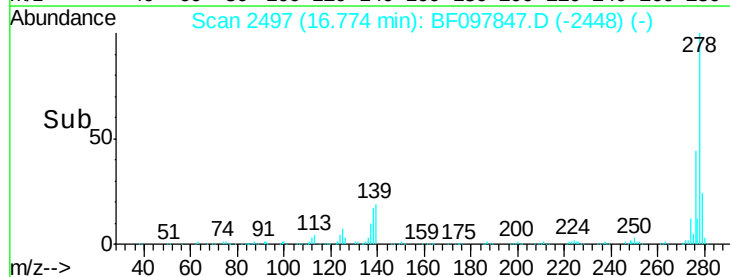
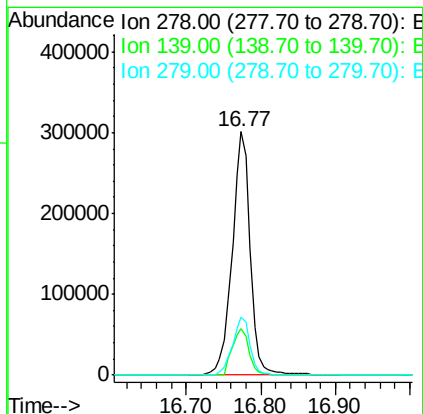
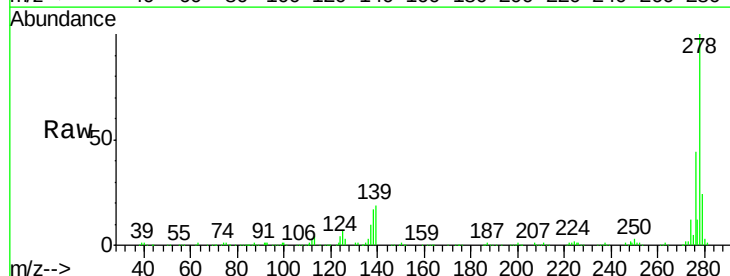
Instrument :
BNA_F
ClientSampleId :
E4-24MS

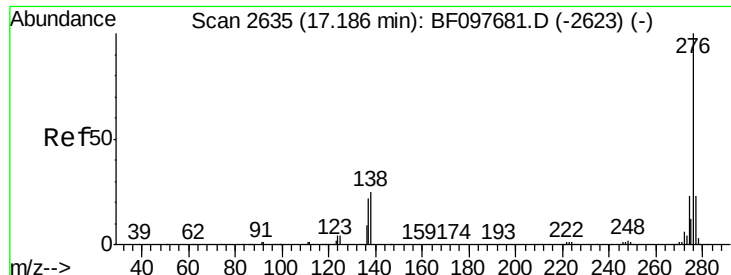
Tot Ion:252 Resp: 634278
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 12.7 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 40.35 ng
RT: 16.77 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BF097847.D
Acq: 18 Aug 2017 22:00

Tgt Ion:278 Resp: 509548
Ion Ratio Lower Upper
278 100
139 18.9 16.6 24.8
279 24.1 19.3 28.9

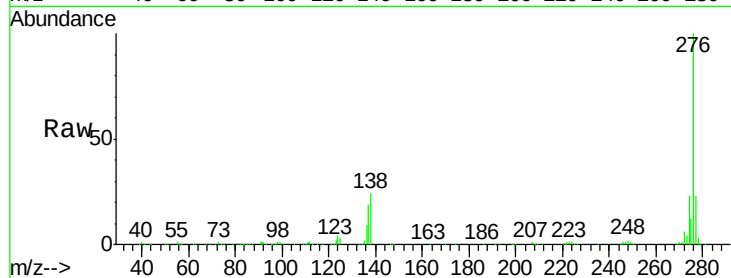




#91
 Benzo(a,h,i)perylene
 Concen: 39.87 ng
 RT: 17.18 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BF097847.D
 Acq: 18 Aug 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	23.8	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

