

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097787.D
 Acq On : 17 Aug 2017 15:44
 Operator : SJ/JU
 Sample : PB101441BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Quant Time: Aug 18 01:26:13 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	184871	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	731507	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	320331	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	599878	20.00	ng	0.00
75) Chrysene-d12	13.93	240	442580	20.00	ng	0.00
86) Perylene-d12	15.36	264	338455	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1485583	122.23	ng	0.02
7) Phenol-d6	6.42	99	1990795	120.55	ng	0.01
23) Nitrobenzene-d5	7.35	82	1225415	91.00	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	387421	139.39	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1798447	82.49	ng	0.00
78) Terphenyl-d14	12.89	244	1500872	70.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	242317	35.75	ng	88
3) Pyridine	3.32	79	698110	37.26	ng	# 84
4) n-Nitrosodimethylamine	3.28	42	263380	36.53	ng	# 77
6) Aniline	6.45	93	618450	26.66	ng	96
8) 2-Chlorophenol	6.57	128	511103	39.87	ng	98
9) Benzaldehyde	6.32	77	244075	23.33	ng	87
10) Phenol	6.43	94	729922	37.79	ng	99
11) bis(2-Chloroethyl)ether	6.52	93	564806	38.75	ng	95
12) 1,3-Dichlorobenzene	6.95	146	483413	35.06	ng	97
13) 1,4-Dichlorobenzene	6.79	146	520423	37.11	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	483413	37.39	ng	98
15) Benzyl Alcohol	6.92	79	502429	40.64	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	750634	38.27	ng	91
17) 2-Methylphenol	7.03	107	469223	41.54	ng	97
18) Hexachloroethane	7.29	117	211309	38.44	ng	# 81
19) n-Nitroso-di-n-propylamine	7.20	70	418477	37.02	ng	90
20) 3+4-Methylphenols	7.19	107	543885	39.42	ng	98
22) Acetophenone	7.19	105	748413	38.73	ng	# 89
24) Nitrobenzene	7.36	77	634458	42.32	ng	94
25) Isophorone	7.60	82	1158044	41.36	ng	97
26) 2-Nitrophenol	7.67	139	256408	47.29	ng	# 80
27) 2,4-Dimethylphenol	7.72	122	472515	40.46	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	725728	39.42	ng	99
29) 2,4-Dichlorophenol	7.92	162	402699	41.54	ng	92
30) 1,2,4-Trichlorobenzene	8.00	180	414225	38.55	ng	99
31) Naphthalene	8.08	128	1463438	38.54	ng	100
32) Benzoic acid	7.86	122	306603	37.63	ng	88
33) 4-Chloroaniline	8.13	127	303027	18.92	ng	99
34) Hexachlorobutadiene	8.20	225	241096	38.43	ng	98
35) Caprolactam	8.51	113	78010	23.67	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	483013	38.78	ng	# 82
37) 2-Methylnaphthalene	8.77	142	938475	40.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	373699	38.01	ng	# 98
40) Hexachlorocyclopentadiene	8.93	237	486568	103.02	ng	98

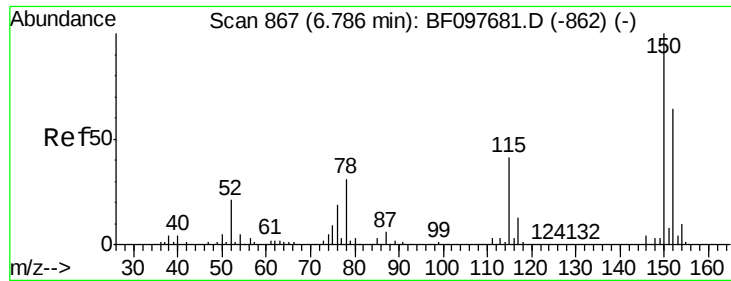
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097787.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	275482	41.74	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	276075	42.16	nq	98
45) 1,1'-Biphenyl	9.24	154	1100622	37.68	nq	97
46) 2-Chloronaphthalene	9.26	162	807220	37.40	nq	# 91
47) 2-Nitroaniline	9.36	65	313081	43.27	nq	95
48) Acenaphthylene	9.68	152	1320436	38.96	nq	99
49) Dimethylphthalate	9.55	163	948353	40.50	nq	99
50) 2,6-Dinitrotoluene	9.60	165	205712	44.01	nq	# 69
51) Acenaphthene	9.85	154	803086	37.57	nq	99
52) 3-Nitroaniline	9.77	138	148756	24.67	nq	89
53) 2,4-Dinitrophenol	9.87	184	188721	84.26	nq	# 78
54) Dibenzofuran	10.02	168	1166709	40.72	nq	100
55) 4-Nitrophenol	9.94	139	379030	78.79	nq	# 48
56) 2,4-Dinitrotoluene	10.01	165	275158	46.91	nq	# 71
57) Fluorene	10.36	166	856111	38.65	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.14	232	229727	45.32	nq	93
59) Diethylphthalate	10.25	149	947735	38.70	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	398497	38.73	nq	88
61) 4-Nitroaniline	10.39	138	232470	40.56	nq	76
62) Azobenzene	10.52	77	1126956	38.75	nq	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	125705	45.08	nq	# 70
65) n-Nitrosodiphenylamine	10.48	169	789184	38.63	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	248418	39.88	nq	98
67) Hexachlorobenzene	10.91	284	250347	39.43	nq	# 91
68) Atrazine	11.01	200	237832	43.90	nq	98
69) Pentachlorophenol	11.10	266	286785	77.47	nq	98
70) Phenanthrene	11.33	178	1239632	38.78	nq	99
71) Anthracene	11.37	178	1270714	39.19	nq	100
72) Carbazole	11.53	167	1208785	39.28	nq	99
73) Di-n-butylphthalate	11.87	149	1420093	40.06	nq	99
74) Fluoranthene	12.51	202	1291446	38.71	nq	99
77) Pyrene	12.74	202	1327357	36.67	nq	98
79) Butylbenzylphthalate	13.36	149	592573	42.70	nq	# 76
80) Benzo(a)anthracene	13.92	228	999091	37.67	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	227524	25.42	nq	# 96
82) Chrysene	13.96	228	985636	37.35	nq	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	661989	43.05	nq	# 99
84) Di-n-octyl phthalate	14.53	149	1165575	43.56	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	765930	39.46	nq	95
87) Benzo(b)fluoranthene	14.95	252	842470	39.49	nq	99
88) Benzo(k)fluoranthene	14.98	252	814655	40.64	nq	# 95
89) Benzo(a)pyrene	15.30	252	788968	41.77	nq	97
90) Dibenzo(a,h)anthracene	16.78	278	638939	41.56	nq	98
91) Benzo(g,h,i)perylene	17.18	276	636786	39.69	nq	93

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

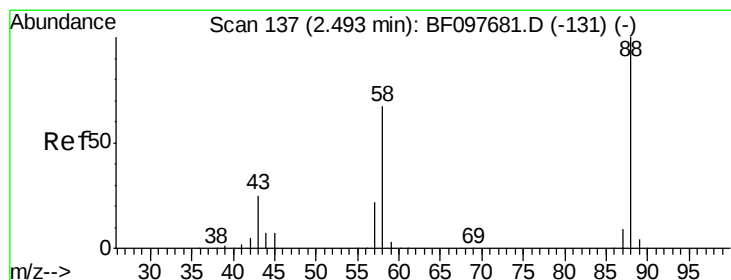
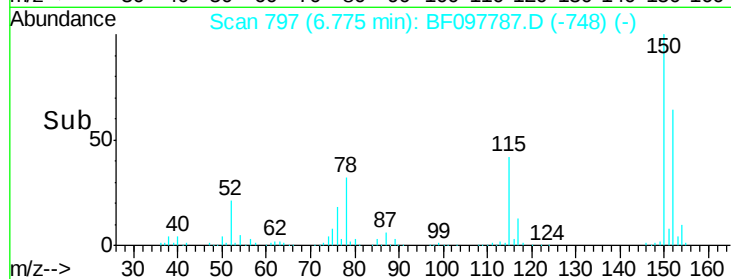
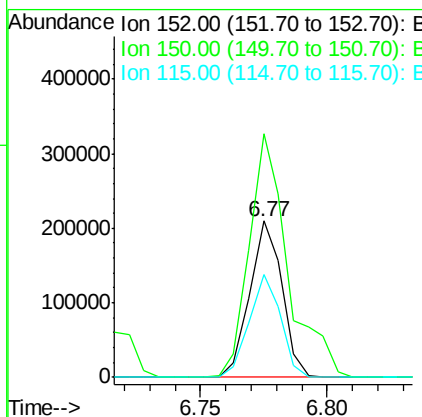
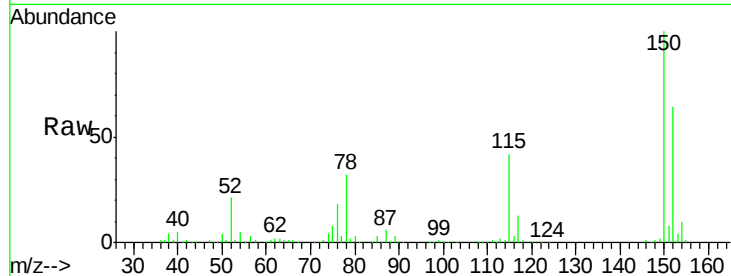


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

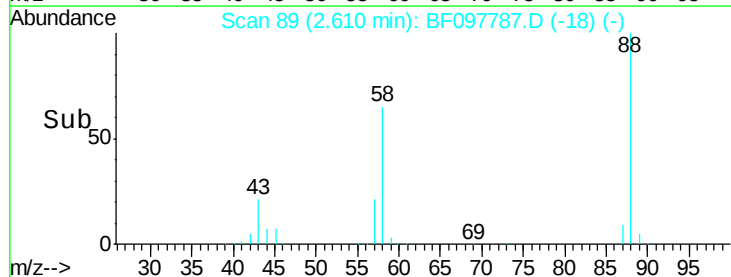
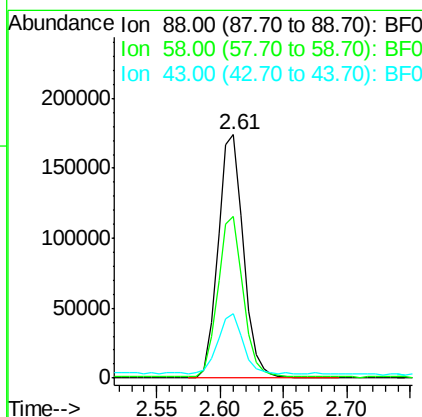
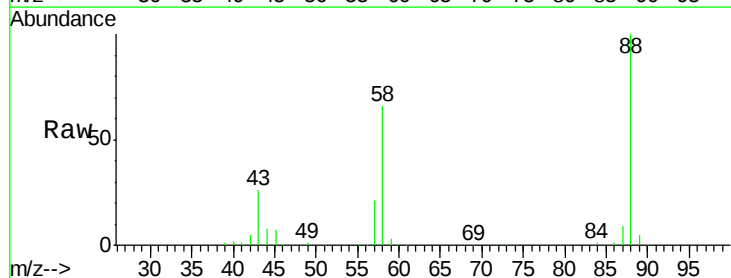
Tot Ion:152 Resp: 184871
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 66.1 52.2 78.2

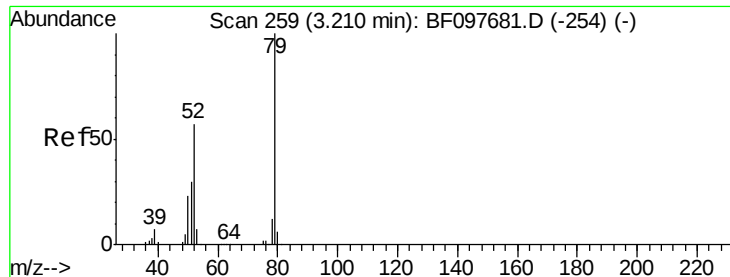


#2

1,4-Dioxane
Concen: 35.75 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.12 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion: 88 Resp: 242317
Ion Ratio Lower Upper
88 100
58 65.2 61.4 92.0
43 24.6 23.4 35.0





#3

Pvridine

Concen: 37.26 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.11 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

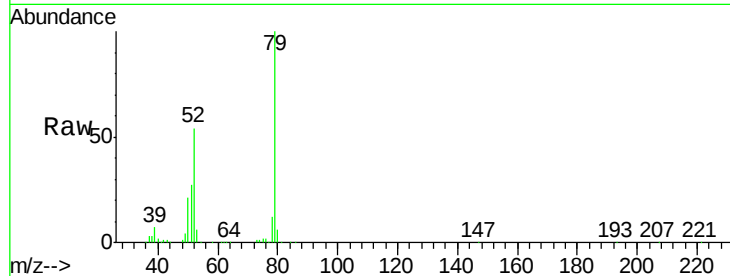
Tot Ion: 79 Resp: 698110

Ion Ratio Lower Upper

79 100

52 54.2 54.8 82.2#

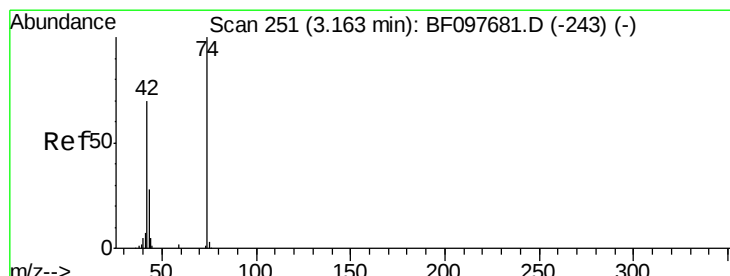
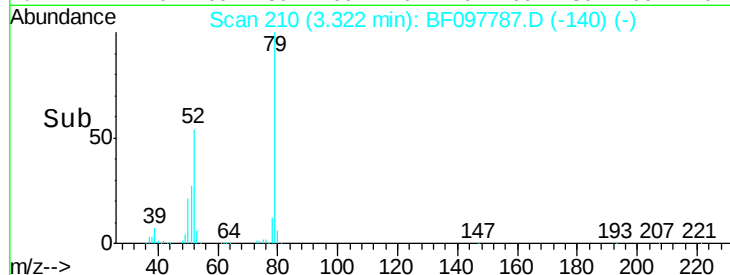
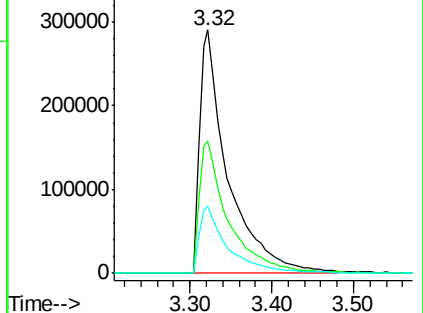
51 27.3 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.53 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.12 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

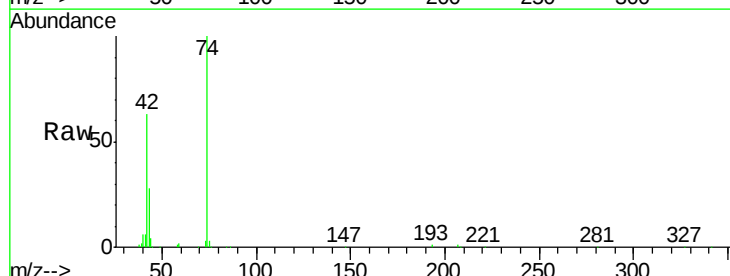
Tgt Ion: 42 Resp: 263380

Ion Ratio Lower Upper

42 100

74 158.5 103.9 155.9#

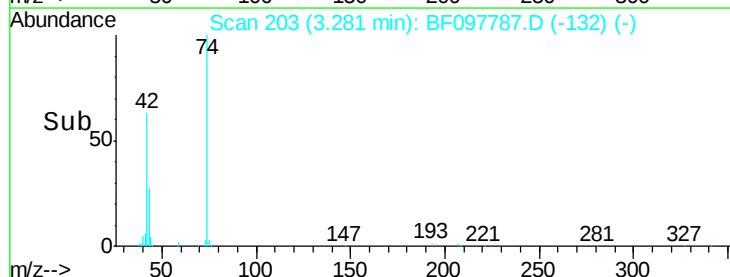
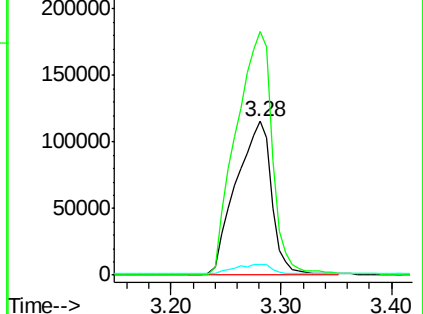
44 6.9 5.7 8.5

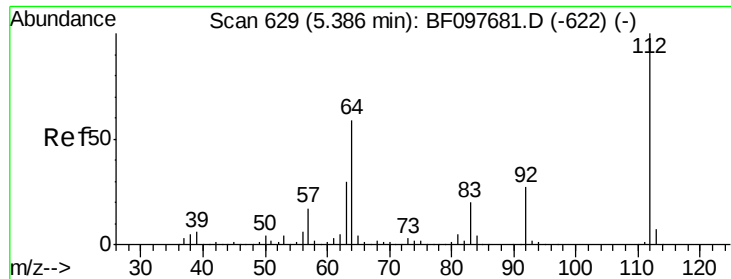


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.23 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

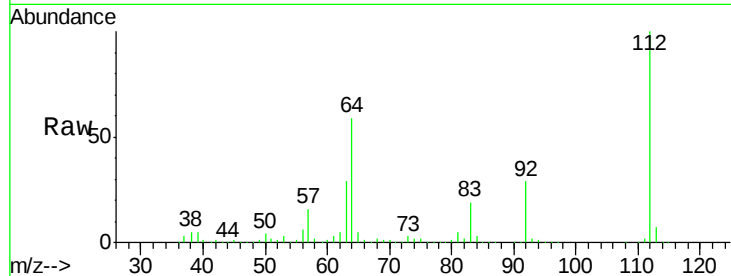
Tot Ion:112 Resp: 1485583

Ion Ratio Lower Upper

112 100

64 59.4 46.0 69.0

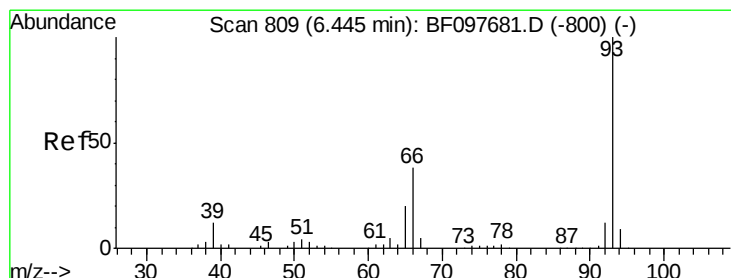
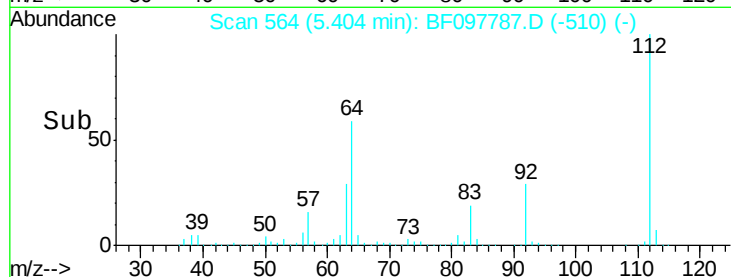
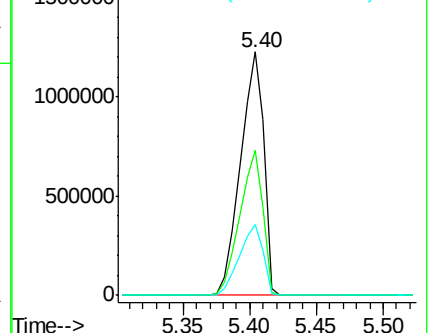
63 29.1 23.4 35.0



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: 26.66 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

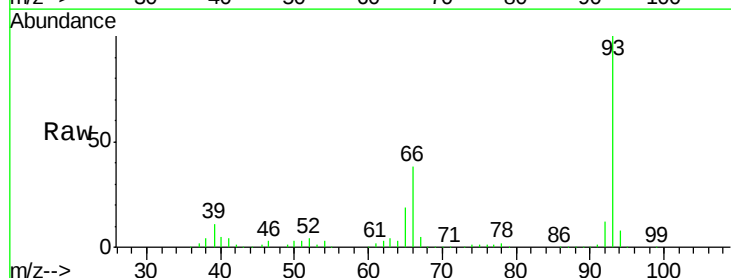
Tgt Ion: 93 Resp: 618450

Ion Ratio Lower Upper

93 100

66 38.1 32.9 49.3

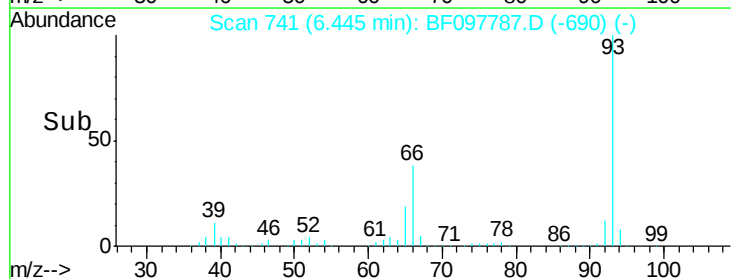
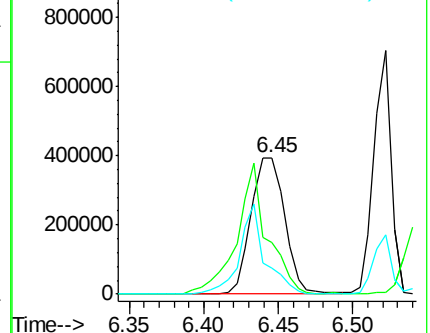
65 19.4 16.0 24.0

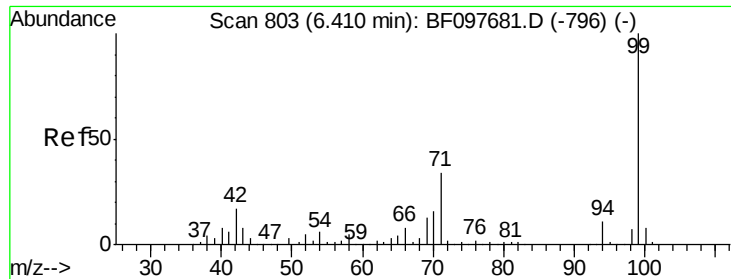


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.55 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

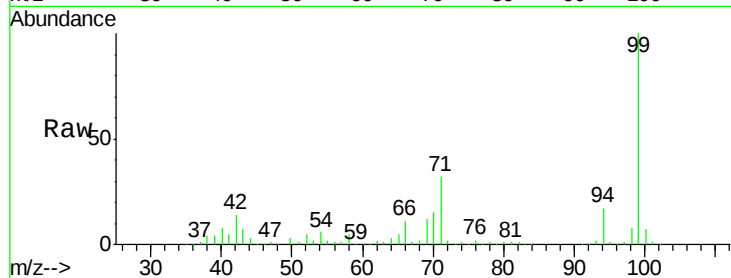
Tot Ion: 99 Resp: 1990795

Ion Ratio Lower Upper

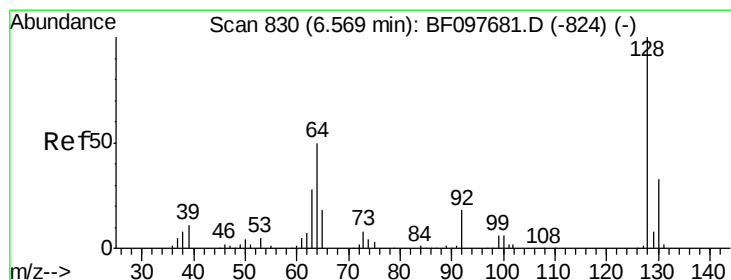
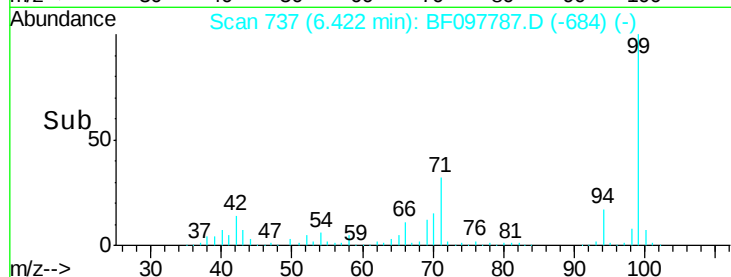
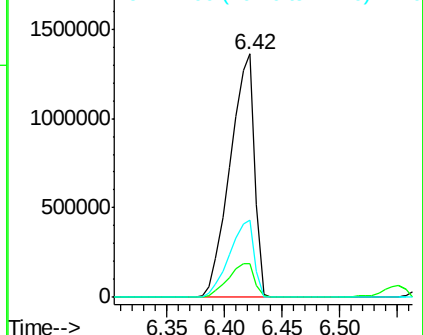
99 100

42 14.0 13.5 20.3

71 31.7 24.5 36.7



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



#8

2-Chlorophenol

Concen: 39.87 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

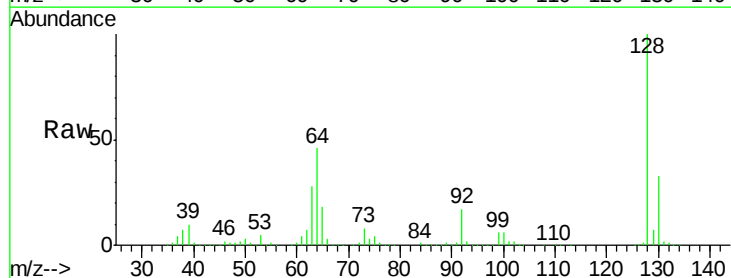
Tgt Ion:128 Resp: 511103

Ion Ratio Lower Upper

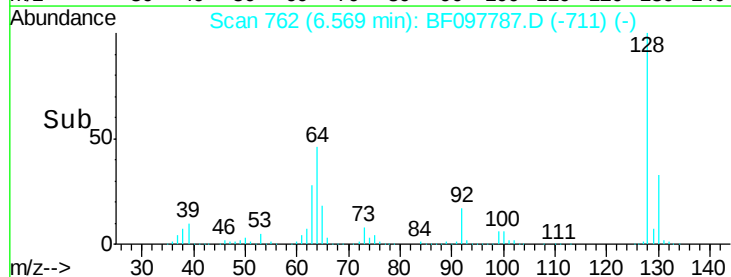
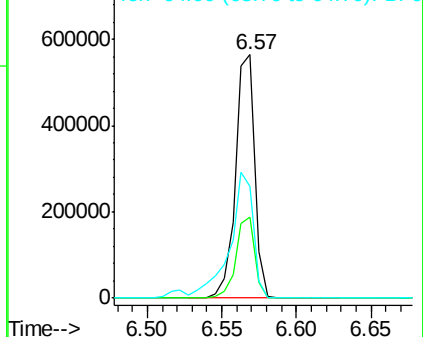
128 100

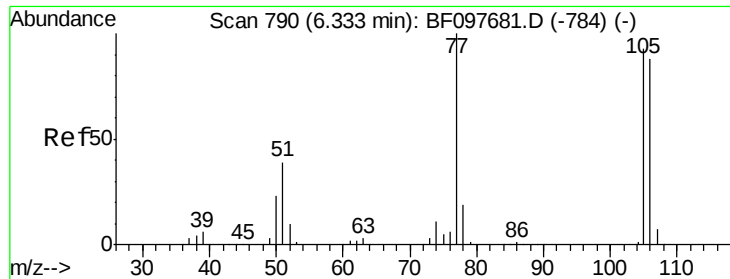
130 33.2 12.9 52.9

64 46.0 28.4 68.4



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

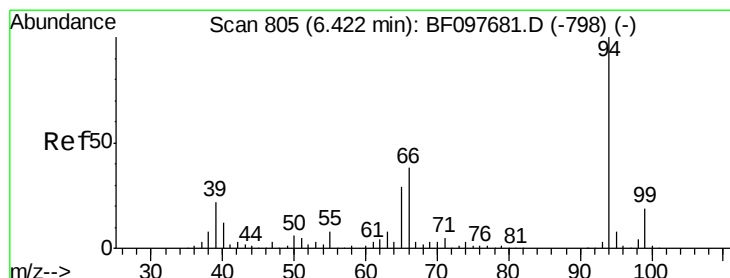
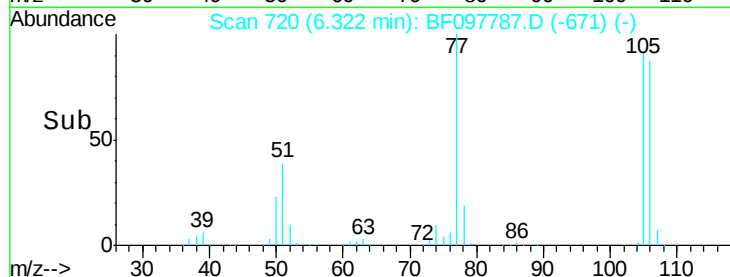
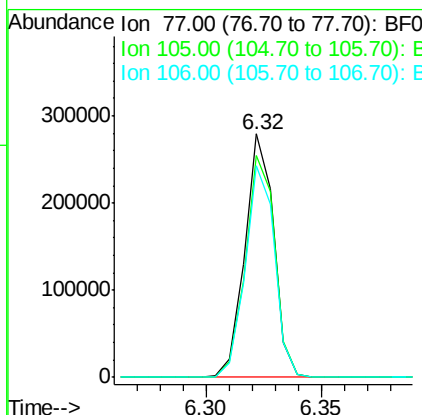
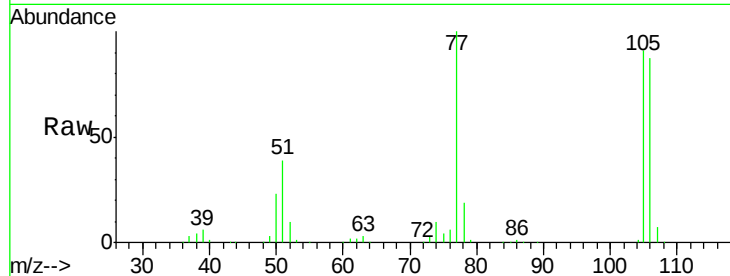




#9
Benzaldehyde
Concen: 23.33 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

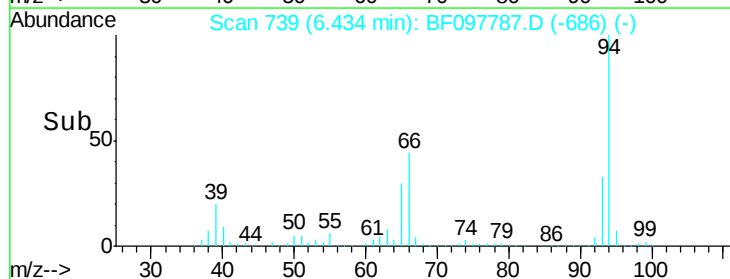
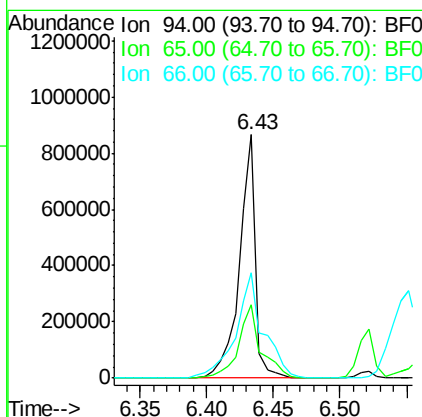
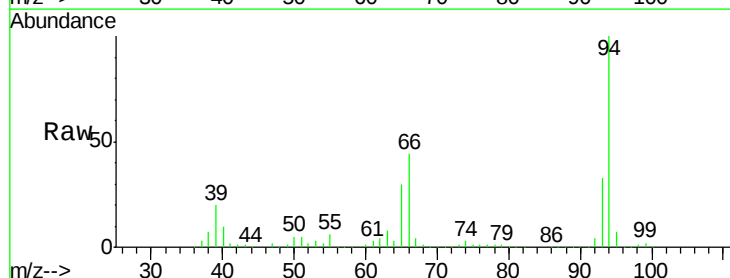
Instrument :
BNA_F
ClientSampleId :
PB101441BS

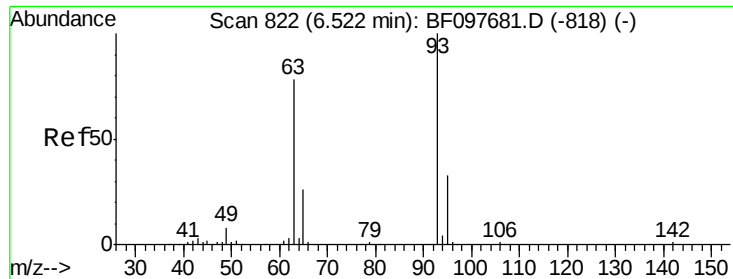
Tot Ion: 77 Resp: 244075
Ion Ratio Lower Upper
77 100
105 90.9 83.8 123.8
106 86.7 79.1 119.1



#10
Phenol
Concen: 37.79 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion: 94 Resp: 729922
Ion Ratio Lower Upper
94 100
65 30.2 9.9 49.9
66 43.5 23.1 63.1

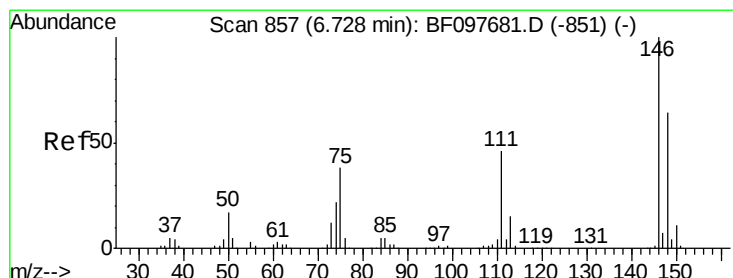
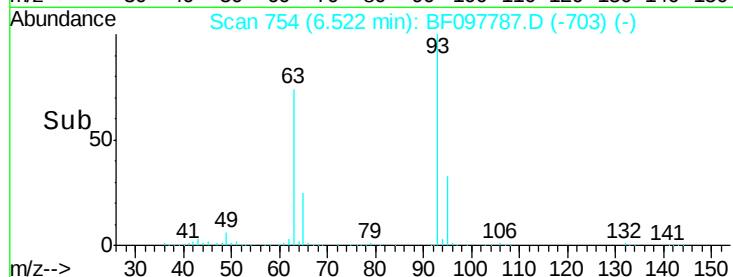
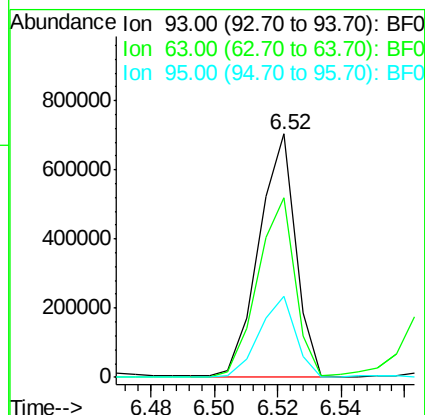
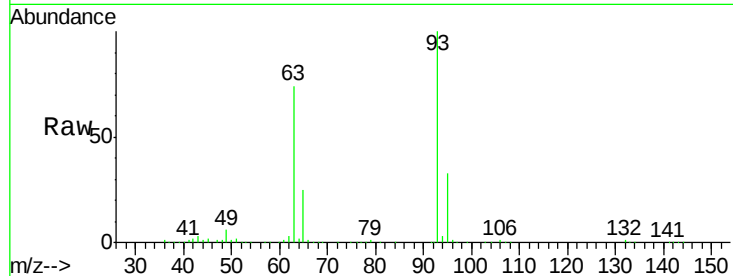




#11
bis(2-Chloroethyl)ether
Concen: 38.75 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

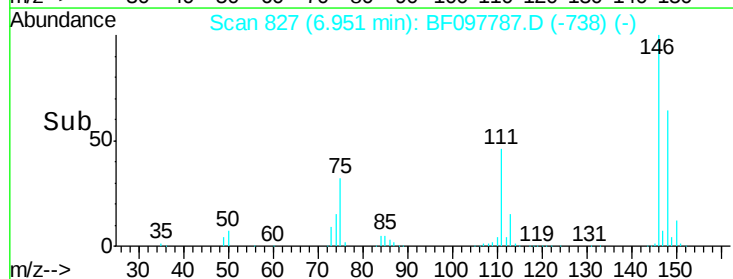
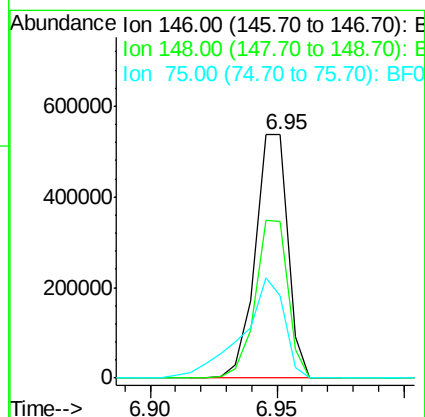
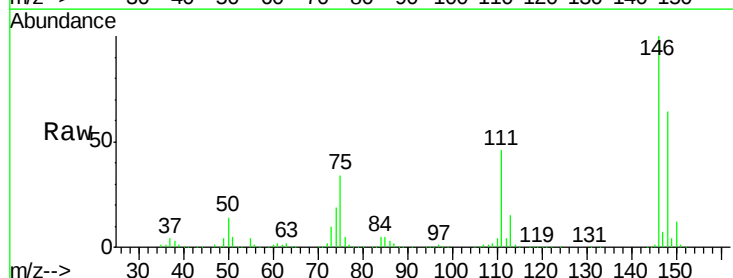
Instrument :
BNA_F
ClientSampleId :
PB101441BS

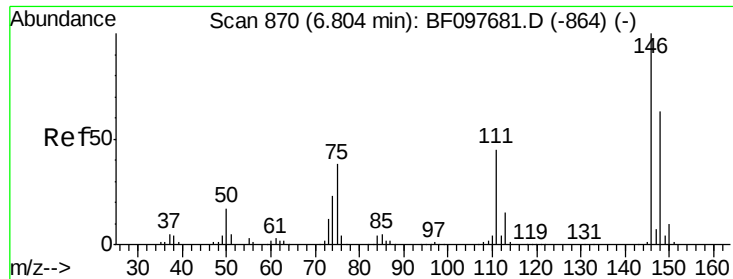
Tot Ion: 93 Resp: 564806
Ion Ratio Lower Upper
93 100
63 73.9 59.2 99.2
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.06 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.22 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion: 146 Resp: 483413
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 33.7 23.1 34.7

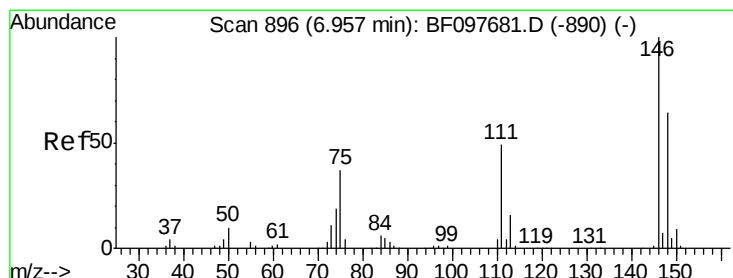
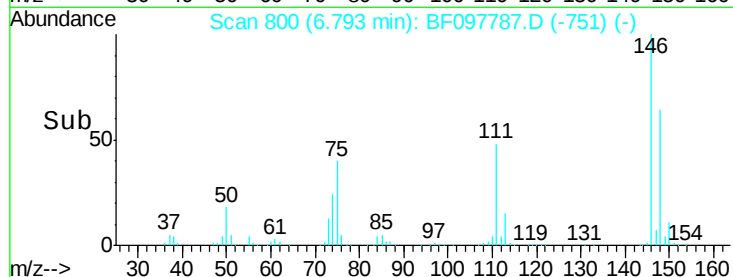
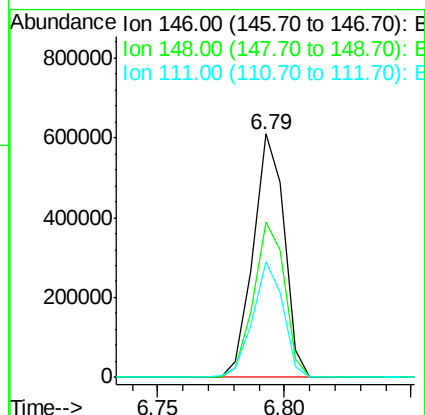
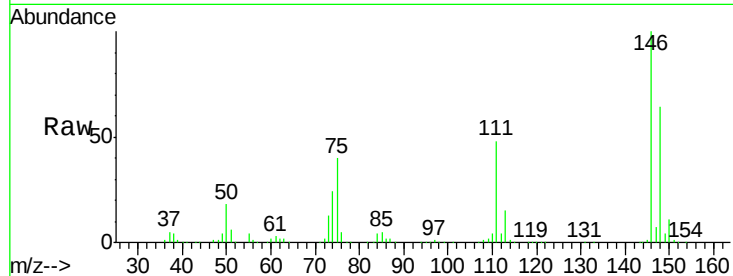




#13
 1,4-Dichlorobenzene
 Concen: 37.11 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

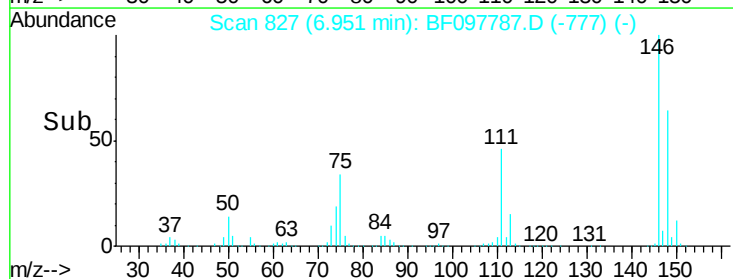
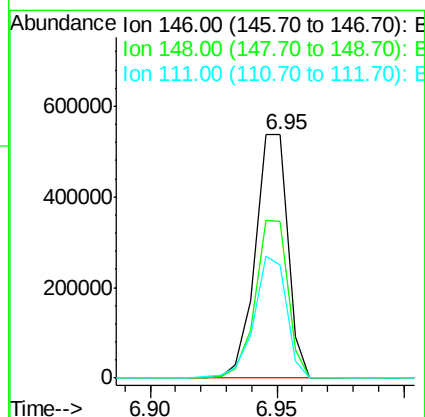
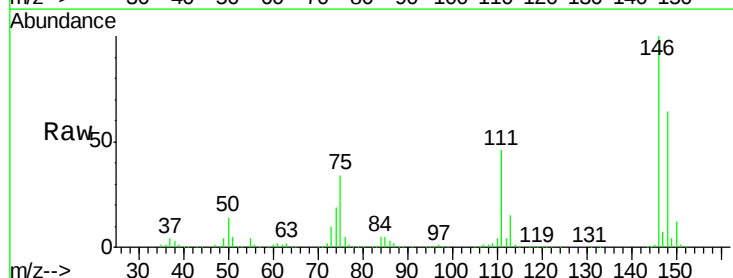
Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion:146 Resp: 520423
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 47.7 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 37.39 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:146 Resp: 483413
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 46.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 40.64 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

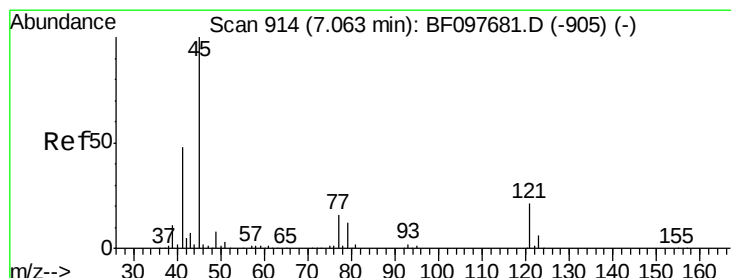
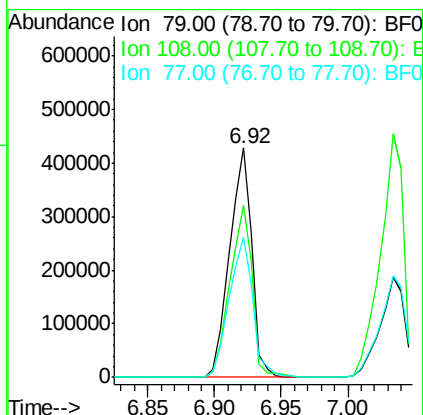
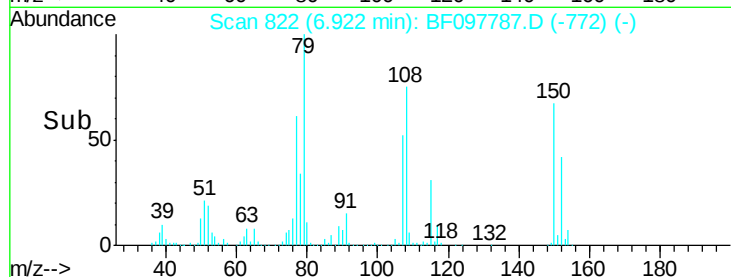
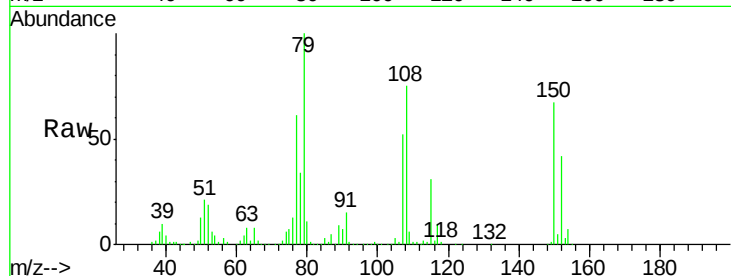
Tot Ion: 79 Resp: 502429

Ion Ratio Lower Upper

79 100

108 74.9 63.4 95.0

77 61.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.27 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

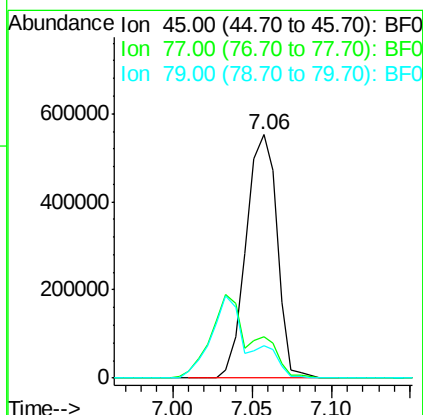
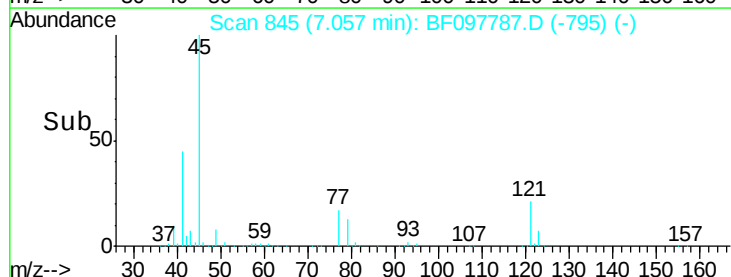
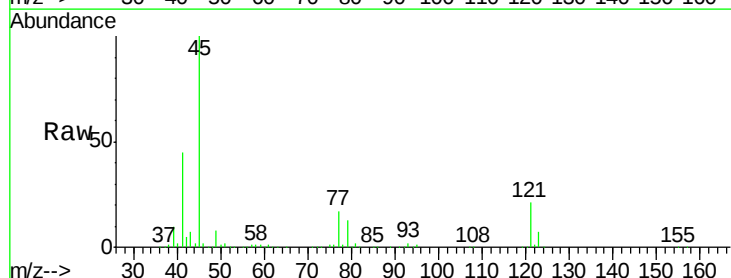
Tgt Ion: 45 Resp: 750634

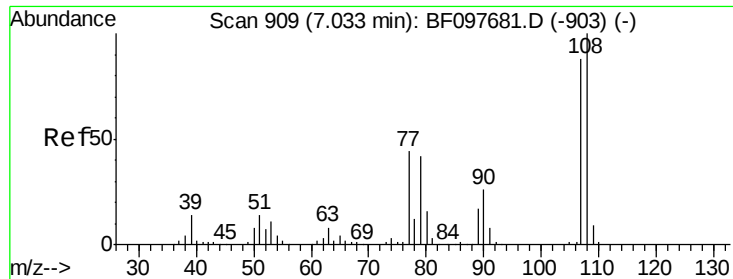
Ion Ratio Lower Upper

45 100

77 16.8 0.0 33.2

79 13.1 0.0 30.0

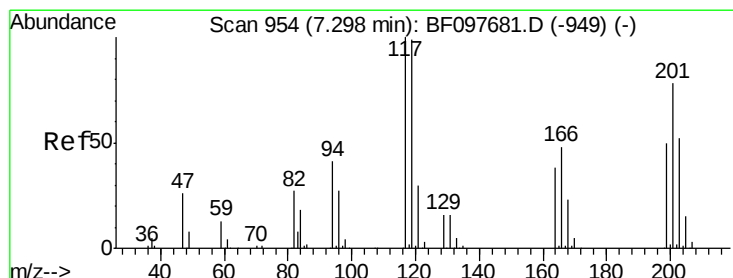
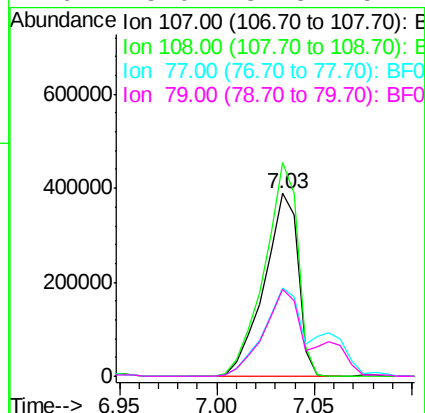
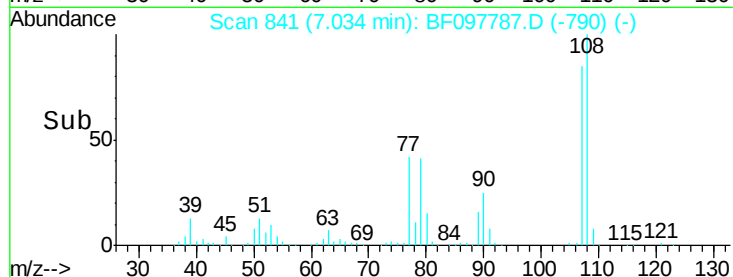
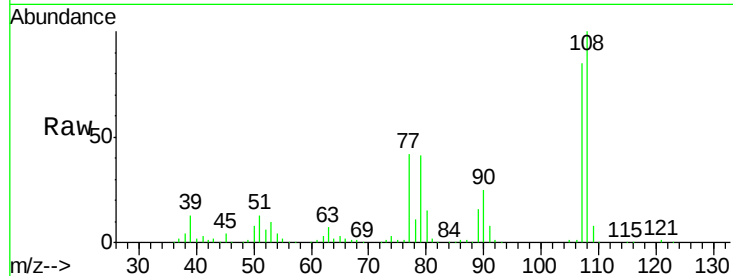




#17
2-Methylphenol
Concen: 41.54 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

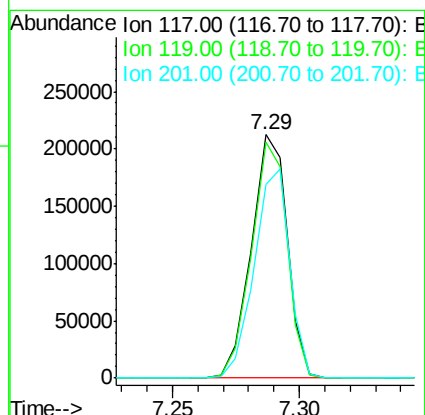
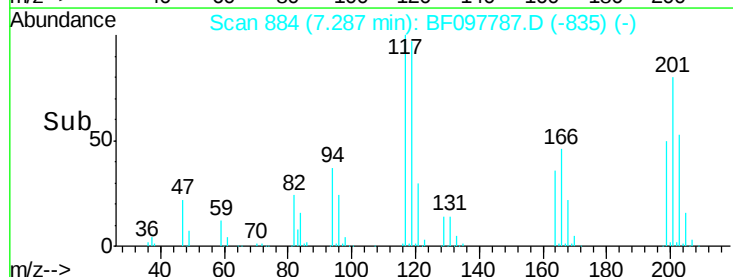
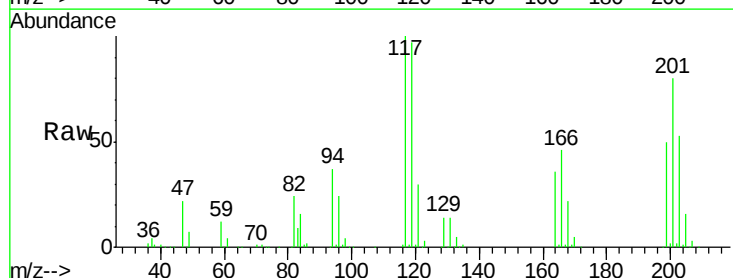
Instrument :
BNA_F
ClientSampleId :
PB101441BS

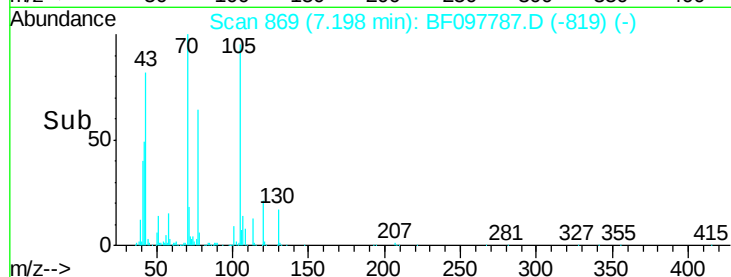
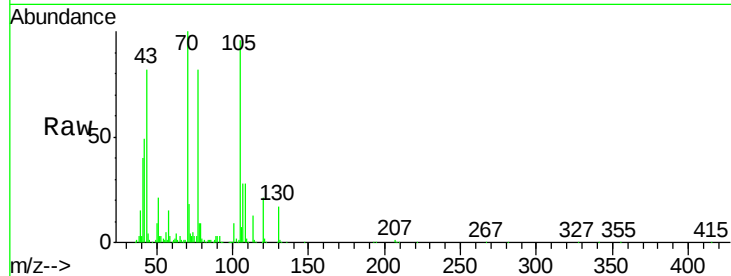
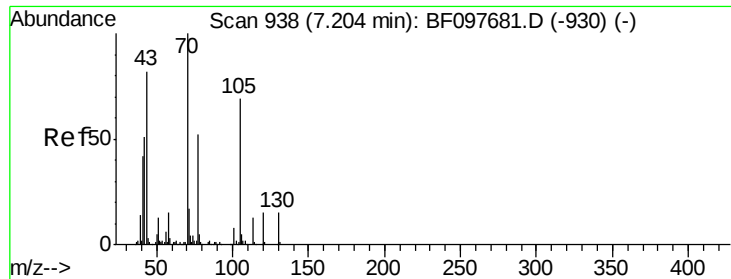
Tot Ion:	107	Resp:	469223
Ion	Ratio	Lower	Upper
107	100		
108	117.0	93.4	140.0
77	48.7	35.8	53.6
79	48.0	34.8	52.2



#18
Hexachloroethane
Concen: 38.44 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:	117	Resp:	211309
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	79.8	94.6	141.8#

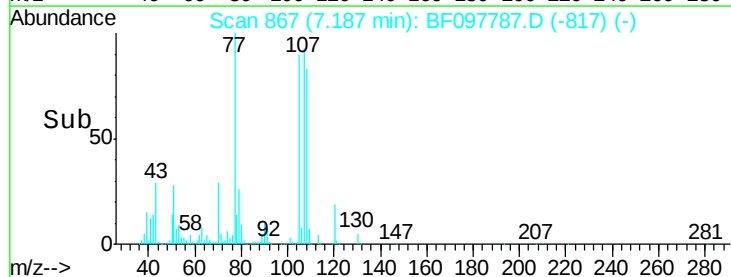
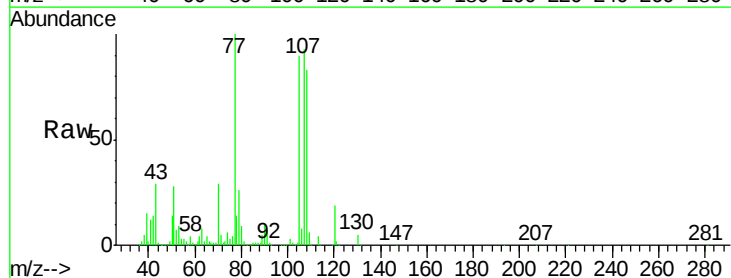
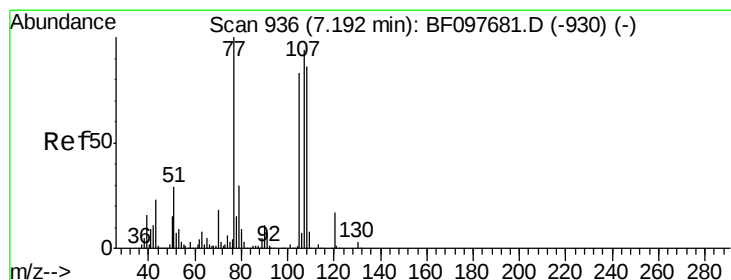
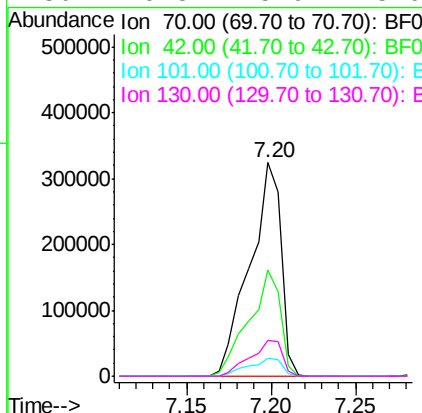




#19
n-Nitroso-di-n-propylamine
Concen: 37.02 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

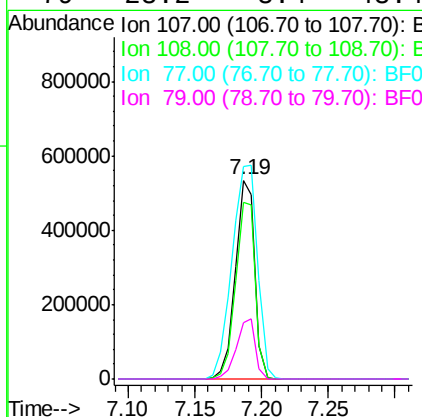
Instrument :
BNA_F
ClientSampleId :
PB101441BS

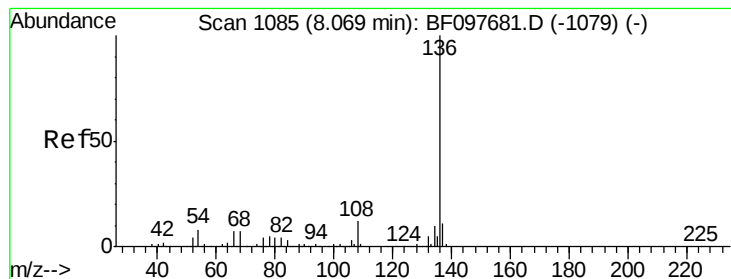
Tot Ion:	70	Resp:	418477
Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.2	70.8
101	8.6	7.2	10.8
130	16.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.42 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:	107	Resp:	543885
Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.0	111.0
77	107.1	90.5	130.5
79	28.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

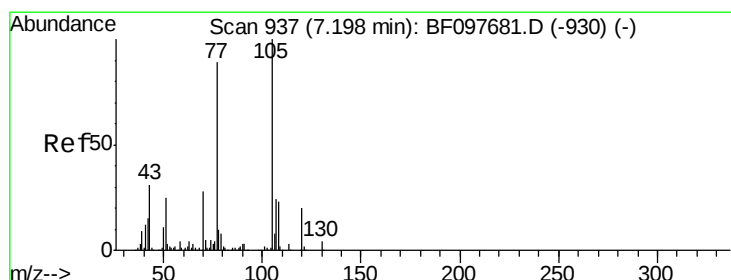
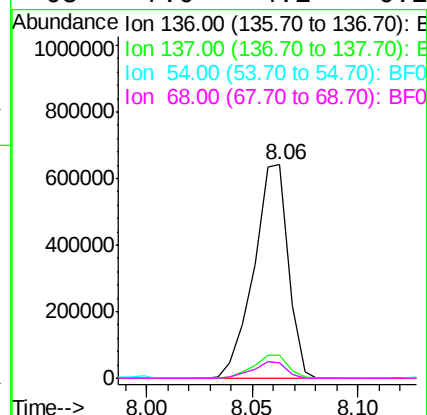
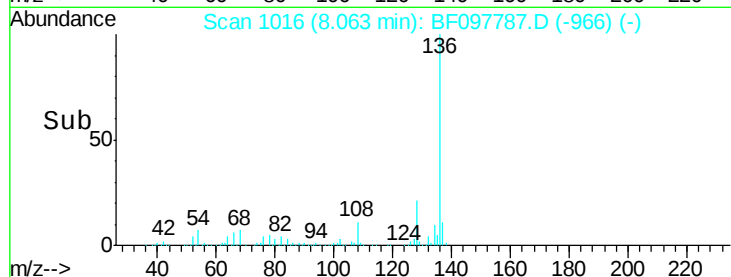
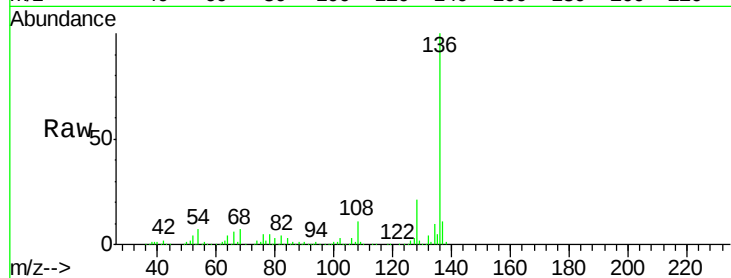
Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion:136	Resp:	731507
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	7.2	4.9 7.3
68	7.0	4.1 6.1#



#22

Acetophenone

Concen: 38.73 ng

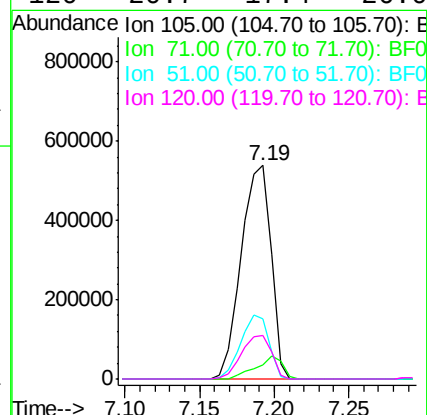
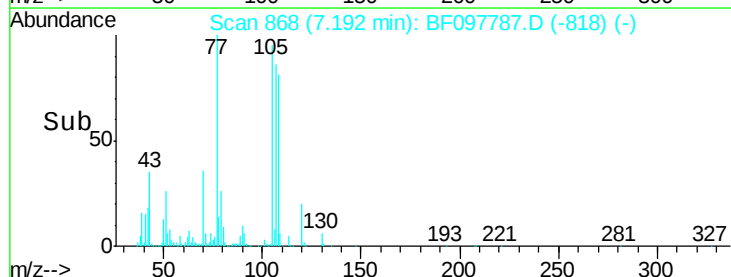
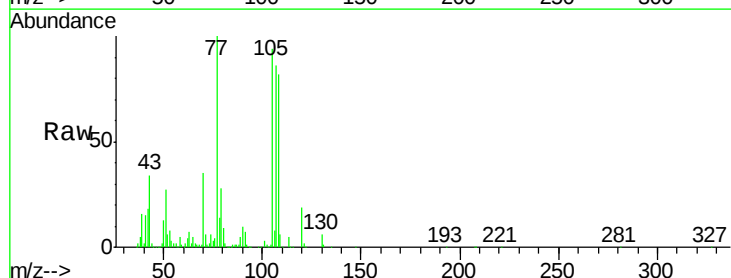
RT: 7.19 min Scan# 868

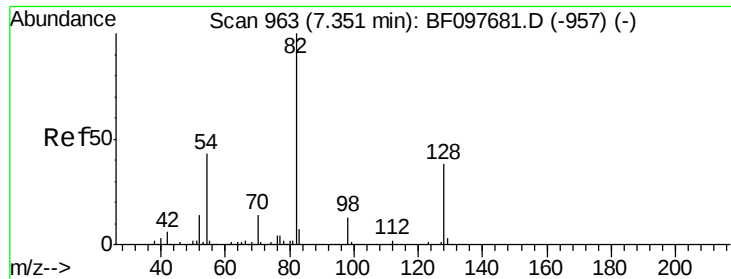
Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Tgt Ion:105	Resp:	748413
Ion Ratio	Lower	Upper
105	100	
71	6.5	2.8 4.2#
51	28.4	30.7 46.1#
120	20.7	17.4 26.0

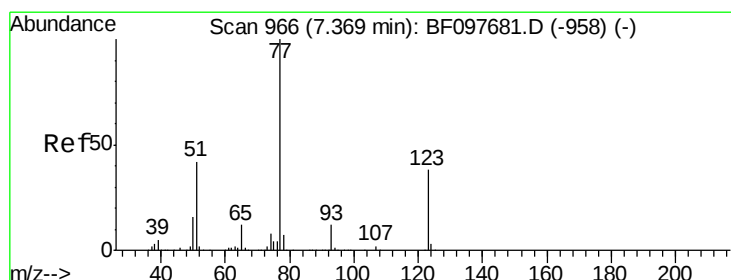
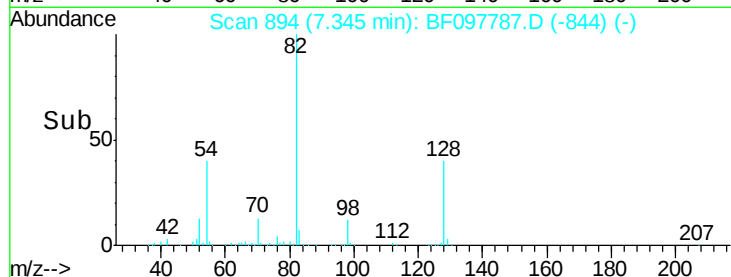
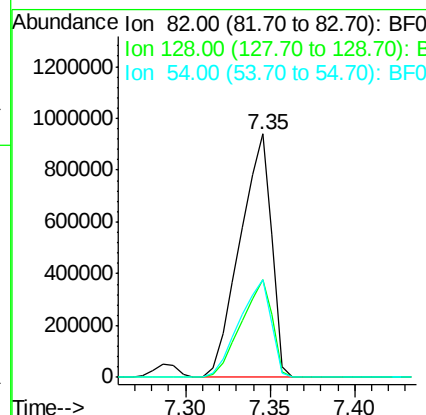
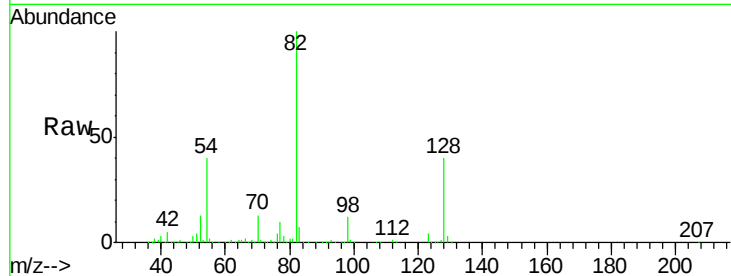




#23
Nitrobenzene-d5
Concen: 91.00 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

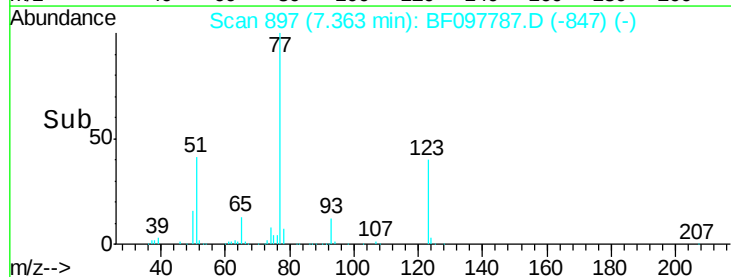
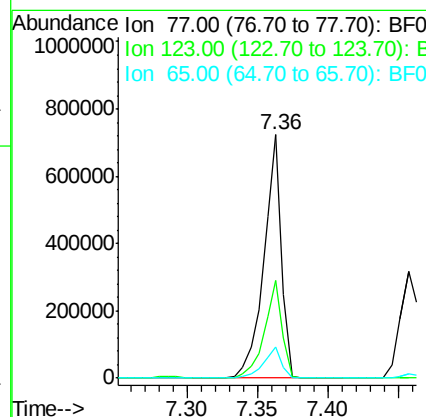
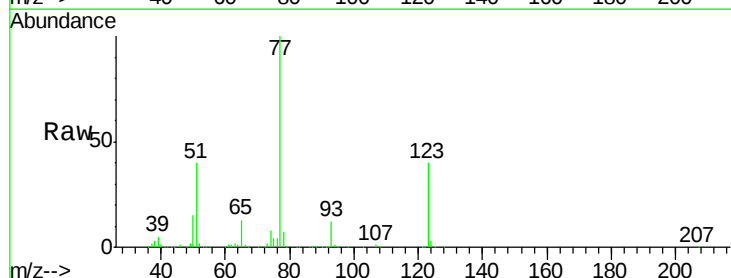
Instrument :
BNA_F
ClientSampleId :
PB101441BS

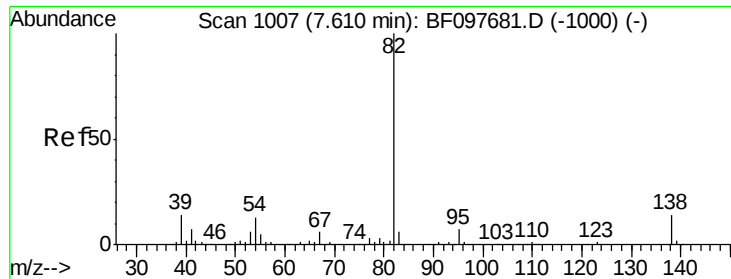
Tot Ion: 82 Resp: 1225415
Ion Ratio Lower Upper
82 100
128 40.0 34.0 51.0
54 40.2 42.2 63.2#



#24
Nitrobenzene
Concen: 42.32 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion: 77 Resp: 634458
Ion Ratio Lower Upper
77 100
123 40.4 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 41.36 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

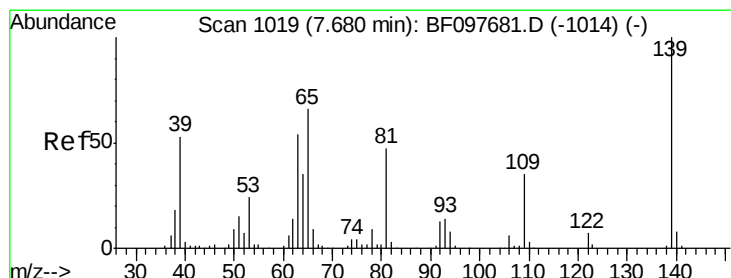
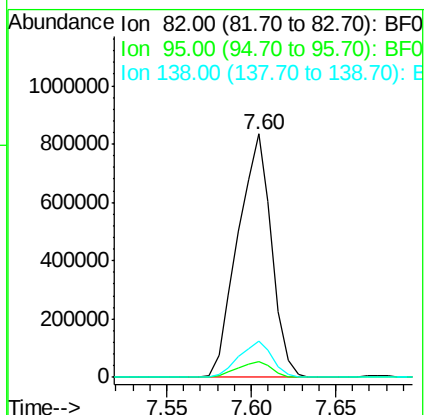
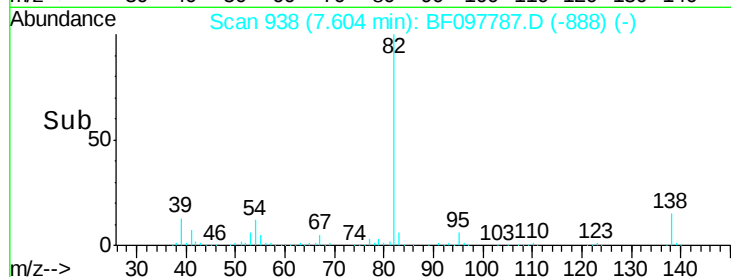
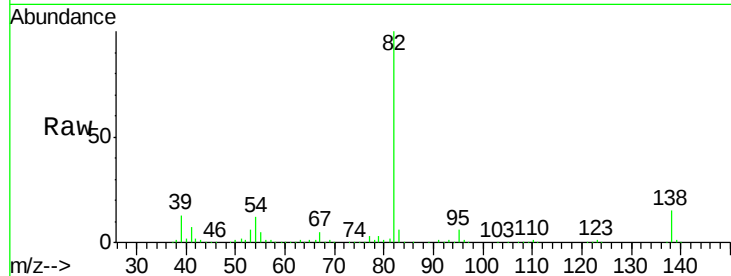
Tot Ion: 82 Resp: 1158044

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 14.8 13.1 19.7



#26

2-Nitrophenol

Concen: 47.29 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

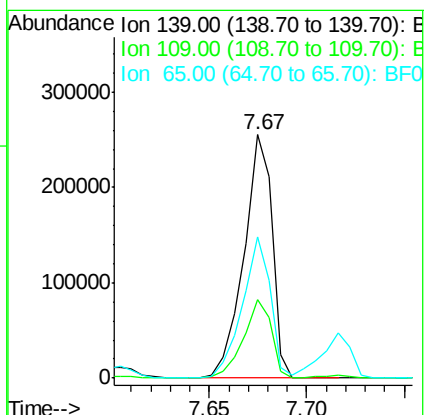
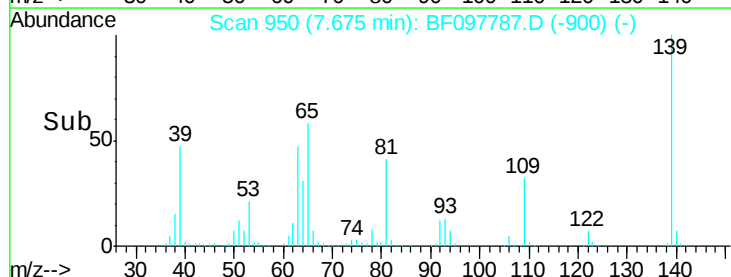
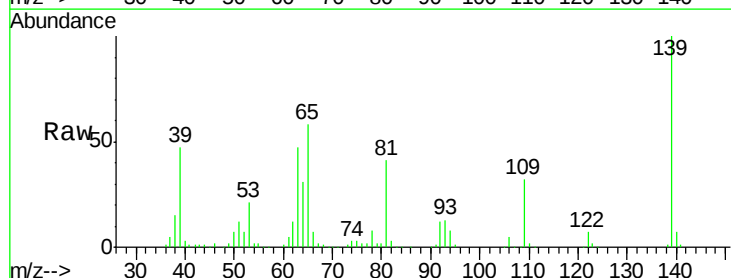
Tgt Ion: 139 Resp: 256408

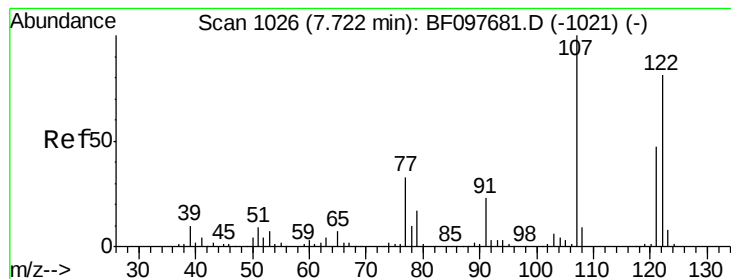
Ion Ratio Lower Upper

139 100

109 32.0 21.0 31.6#

65 57.8 33.0 49.6#

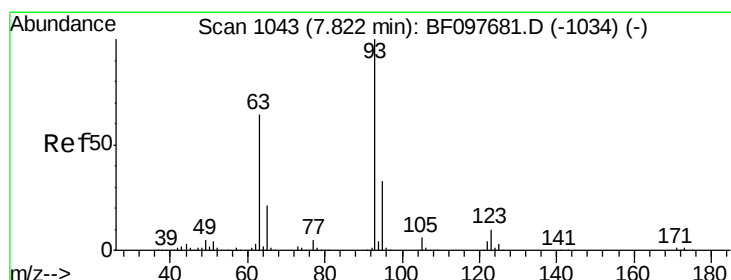
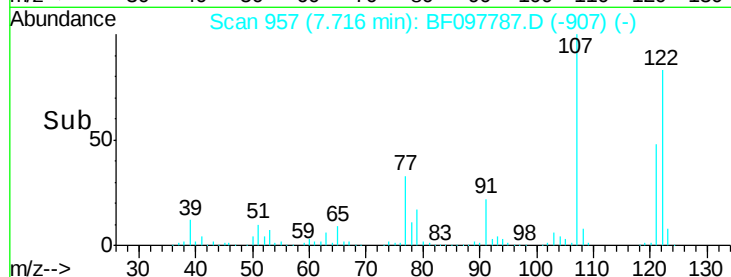
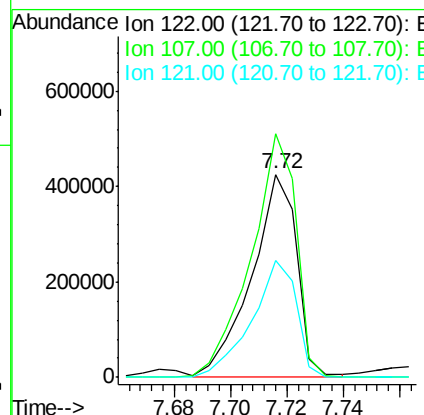
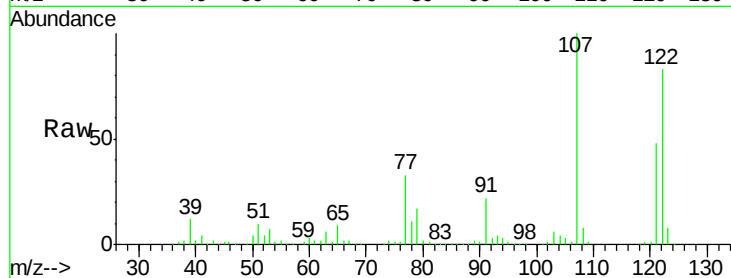




#27
 2,4-Dimethylphenol
 Concen: 40.46 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

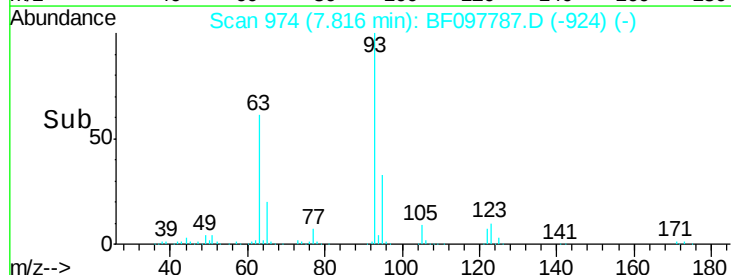
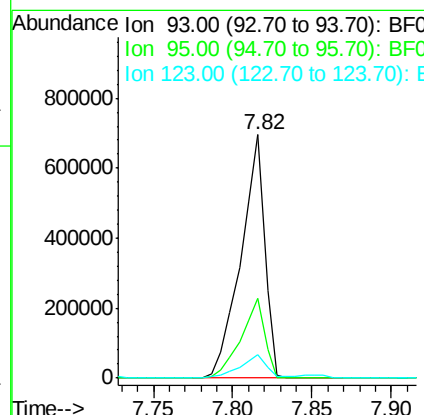
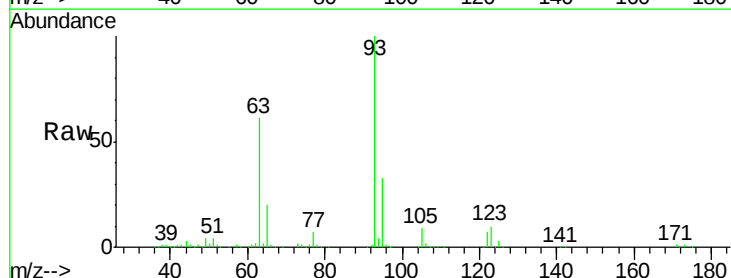
Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

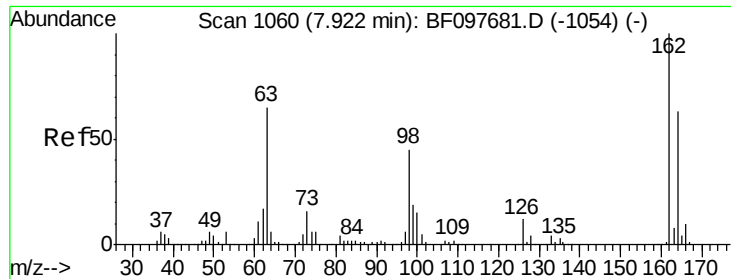
Tot Ion:	122	Resp:	472515
Ion	Ratio	Lower	Upper
122	100		
107	119.9	89.2	133.8
121	57.7	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.42 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:	93	Resp:	725728
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	9.9	9.0	13.4

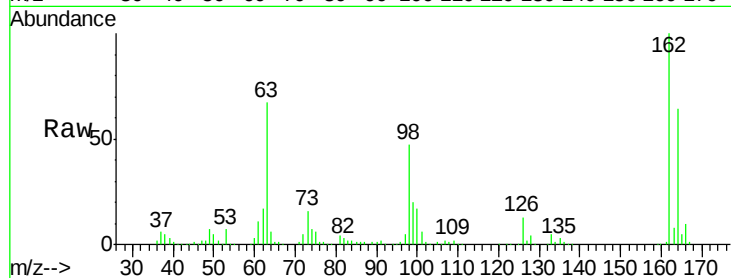




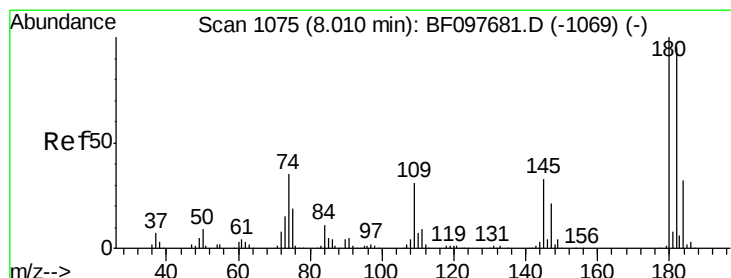
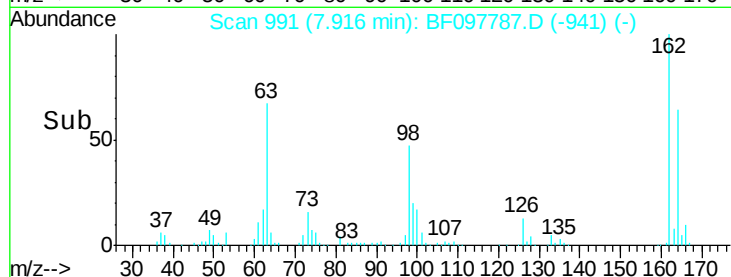
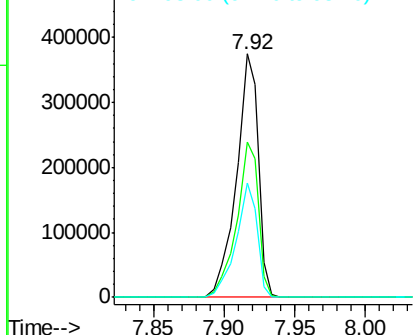
#29
 2,4-Dichlorophenol
 Concen: 41.54 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	47.1	14.8	54.8

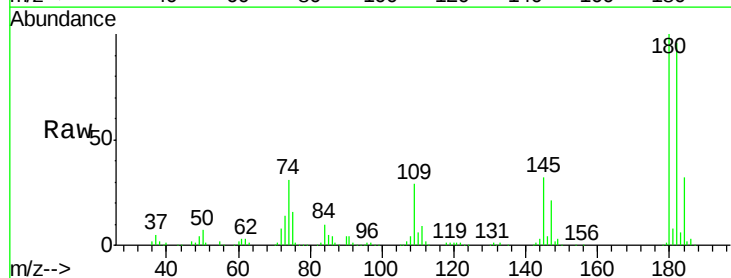


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

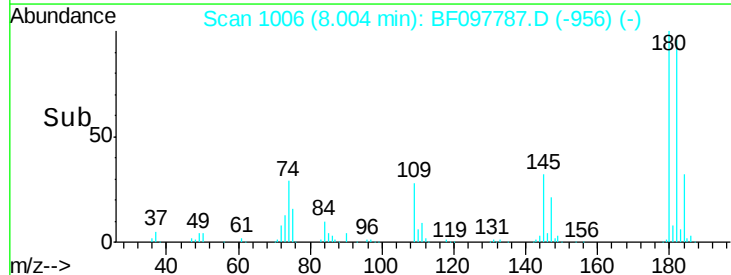
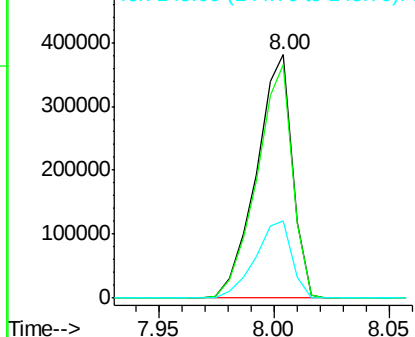


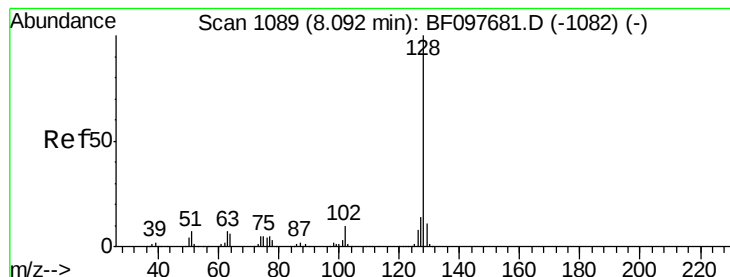
#30
 1,2,4-Trichlorobenzene
 Concen: 38.55 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	31.9	25.3	37.9



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





#31

Naphthalene

Concen: 38.54 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

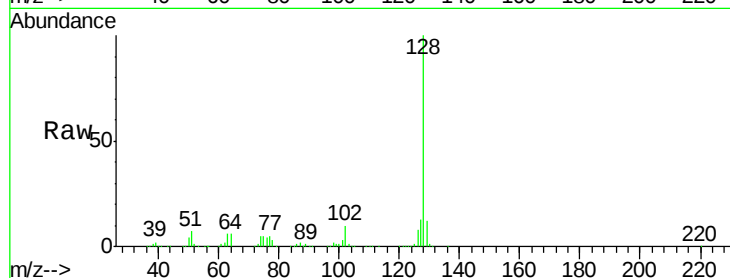
Tot Ion:128 Resp: 1463438

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

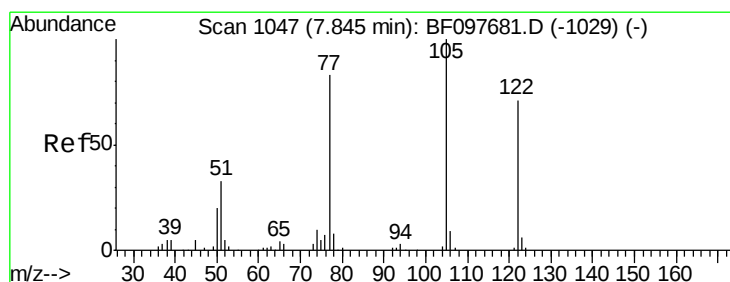
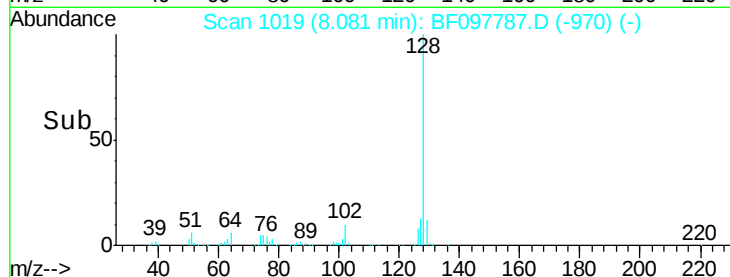
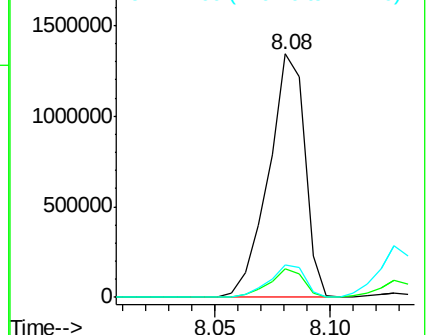
127 13.4 10.8 16.2



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: 37.63 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

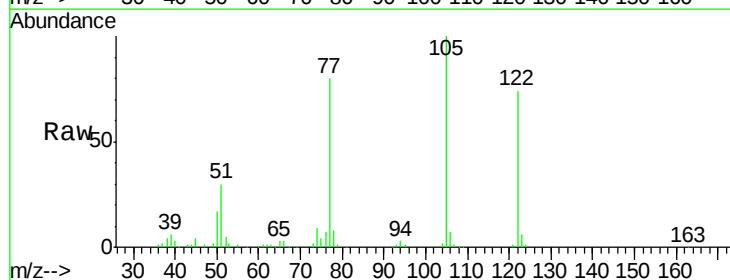
Tgt Ion:122 Resp: 306603

Ion Ratio Lower Upper

122 100

105 134.7 103.3 143.3

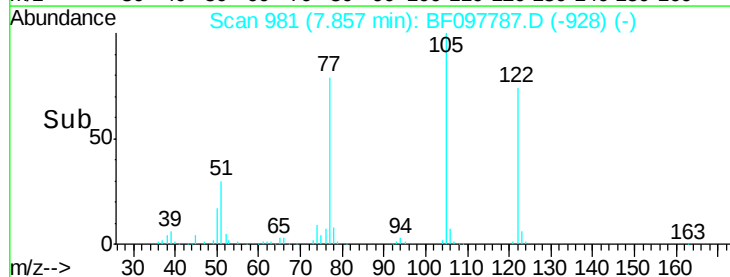
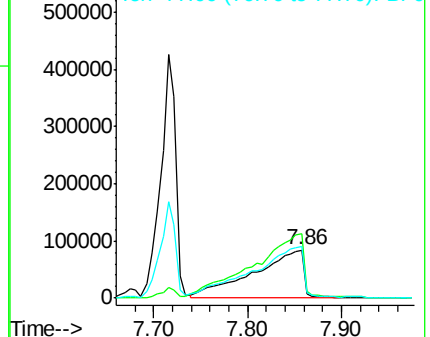
77 107.2 73.7 113.7

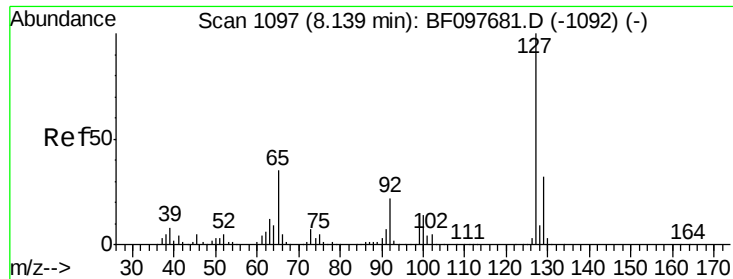


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

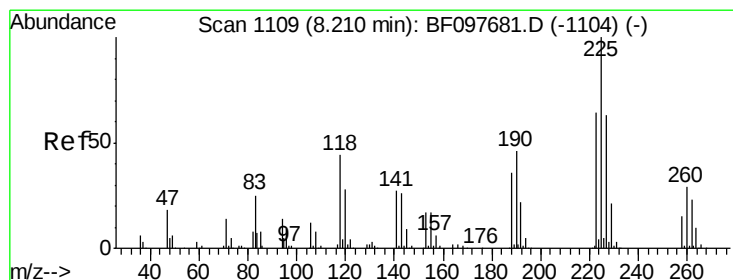
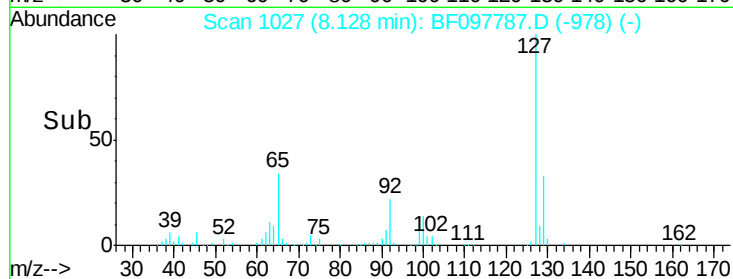
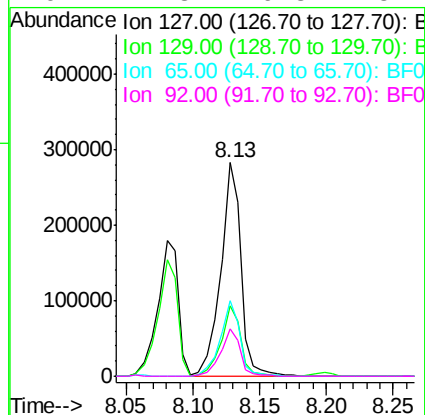
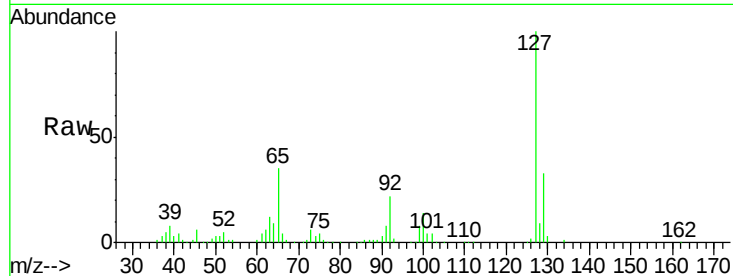




#33
4-Chloroaniline
Concen: 18.92 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

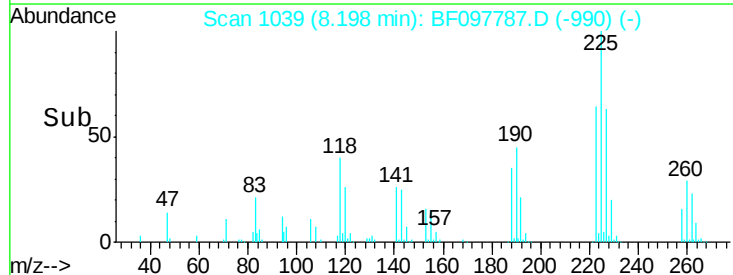
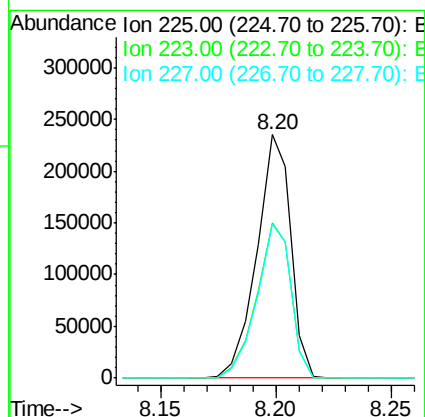
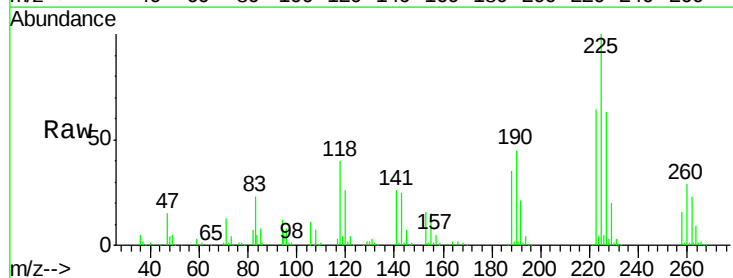
Instrument :
BNA_F
ClientSampleId :
PB101441BS

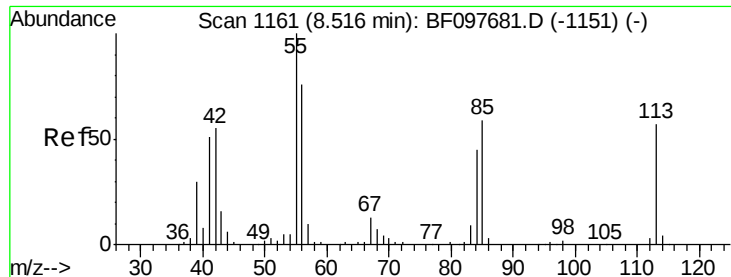
Tot Ion:	127	Resp:	303027
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	35.4	27.8	41.8
92	22.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.43 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:	225	Resp:	241096
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	63.0	51.1	76.7

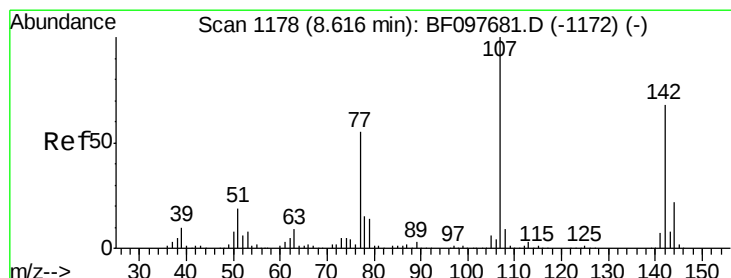
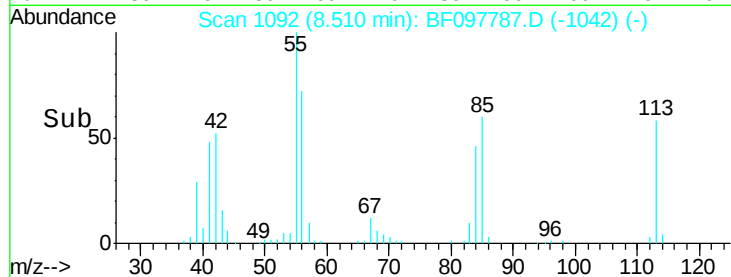
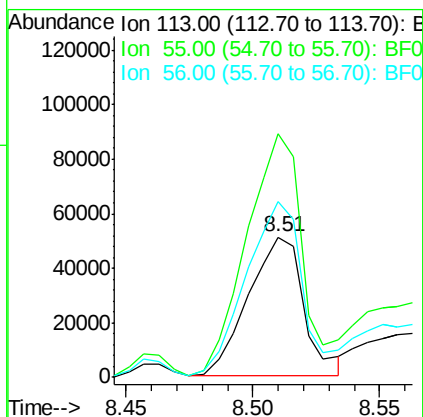
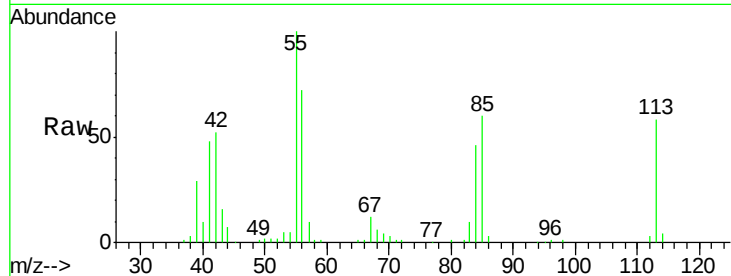




#35
 Caprolactam
 Concen: 23.67 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

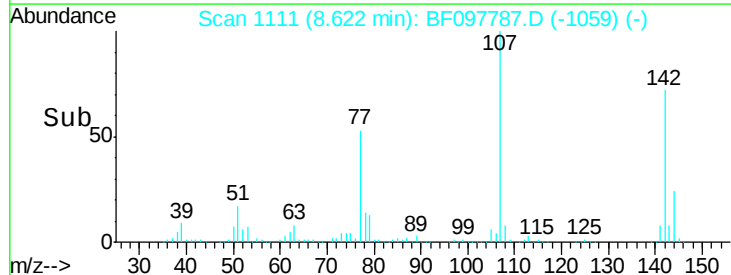
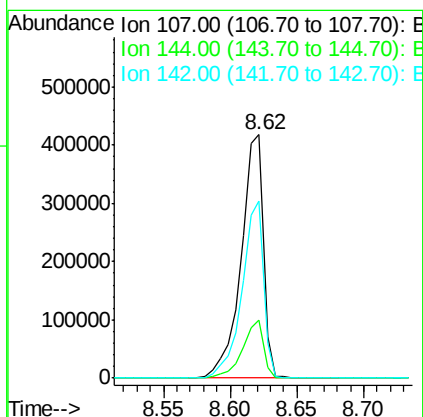
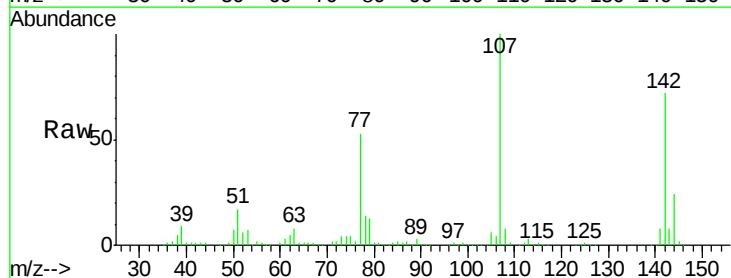
Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

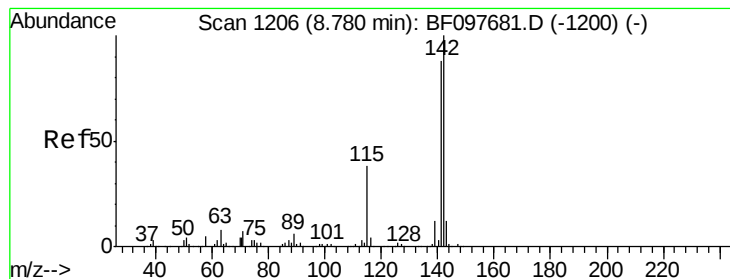
Tot Ion:113 Resp: 78010
 Ion Ratio Lower Upper
 113 100
 55 173.3 150.2 190.2
 56 125.2 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 38.78 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:107 Resp: 483013
 Ion Ratio Lower Upper
 107 100
 144 23.6 24.2 36.4#
 142 72.5 73.4 110.0#





#37

2-Methylnaphthalene

Concen: 40.31 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

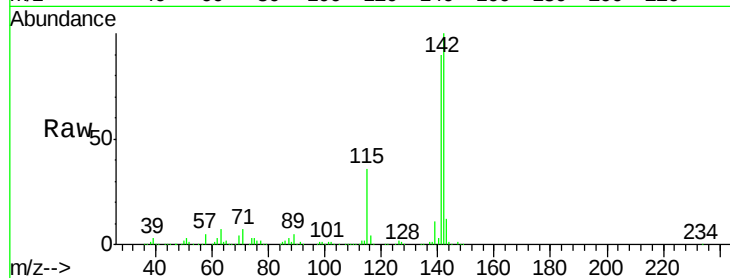
Tot Ion:142 Resp: 938475

Ion Ratio Lower Upper

142 100

141 90.1 71.3 106.9

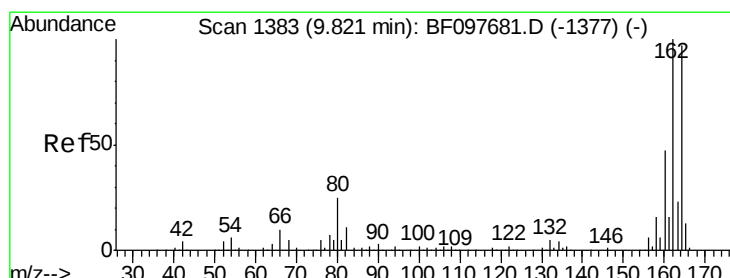
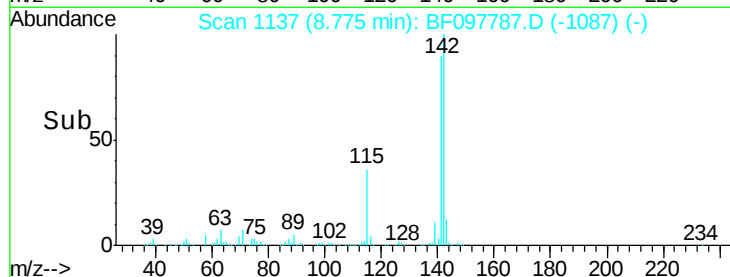
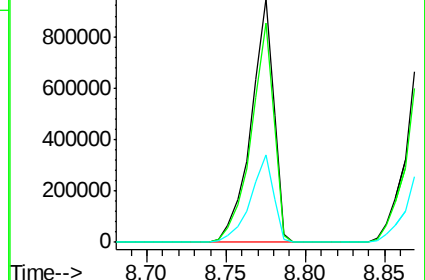
115 36.0 27.1 40.7



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: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

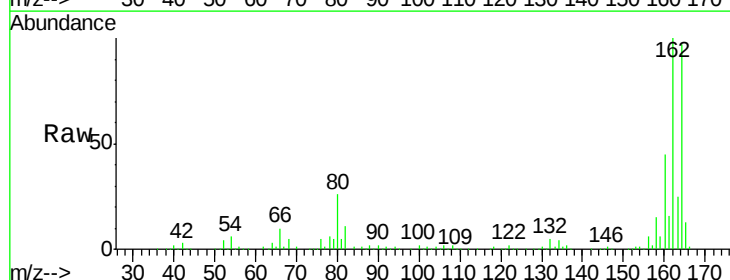
Tgt Ion:164 Resp: 320331

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

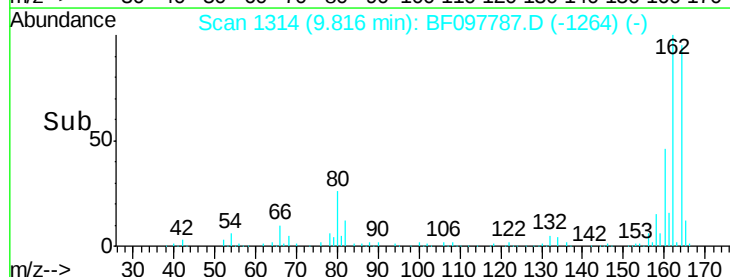
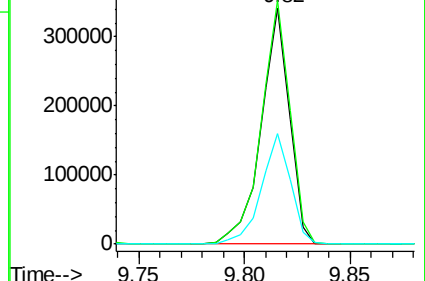
160 46.8 36.2 54.2

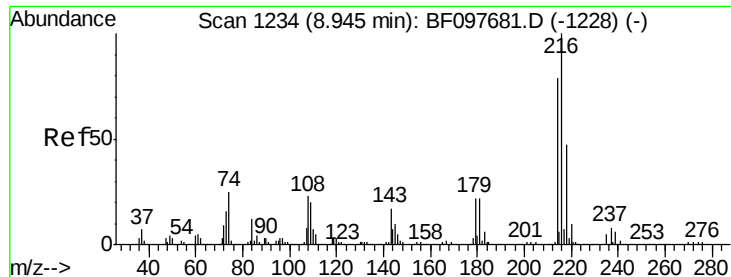


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

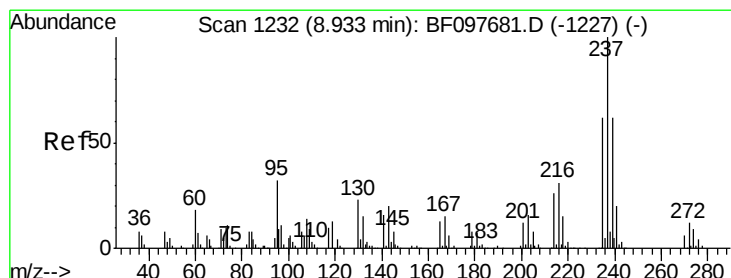
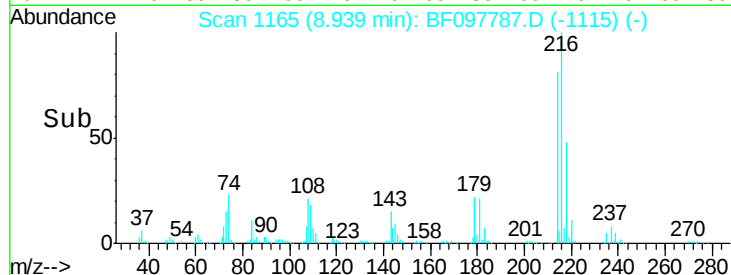
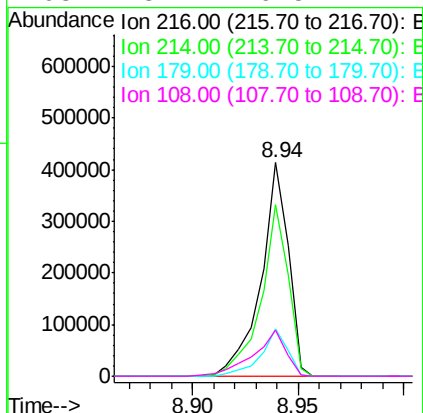
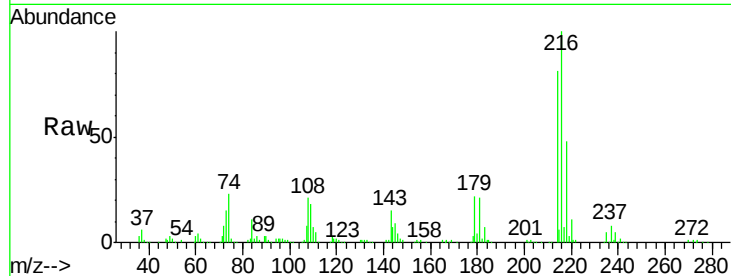




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.01 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

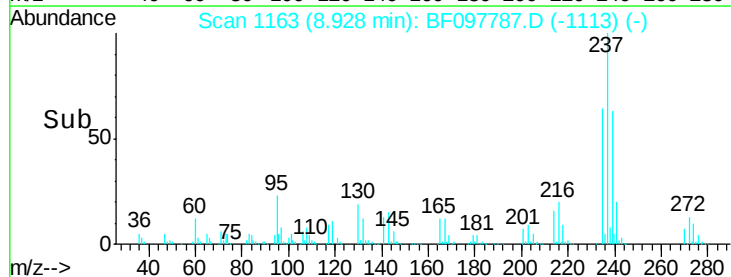
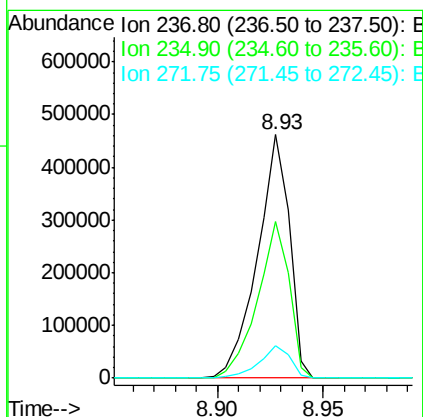
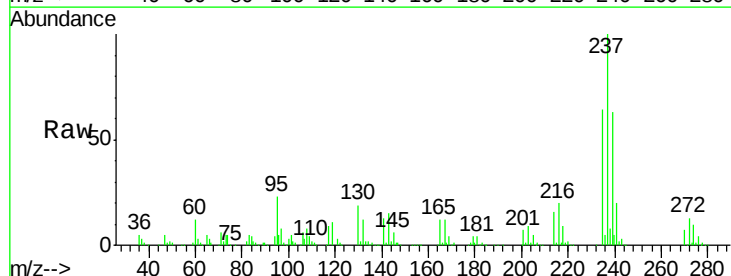
Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

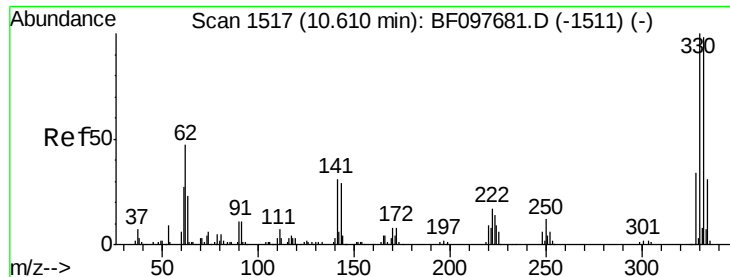
Tot Ion:216	Resp:	373699
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.4 95.2
179	21.5	17.9 26.9
108	25.2	16.5 24.7#



#40
 Hexachlorocyclopentadiene
 Concen: 103.02 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:237	Resp:	486568
Ion Ratio	Lower	Upper
237	100	
235	64.1	42.6 82.6
272	13.1	0.0 31.9





#41

2,4,6-Tribromophenol

Concen: 139.39 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

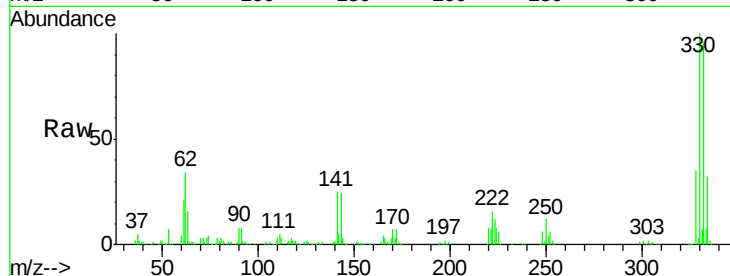
Tot Ion:330 Resp: 387421

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

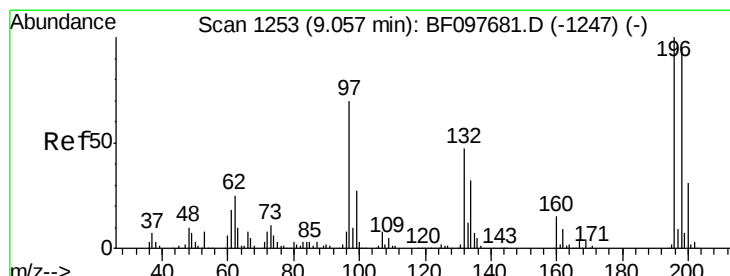
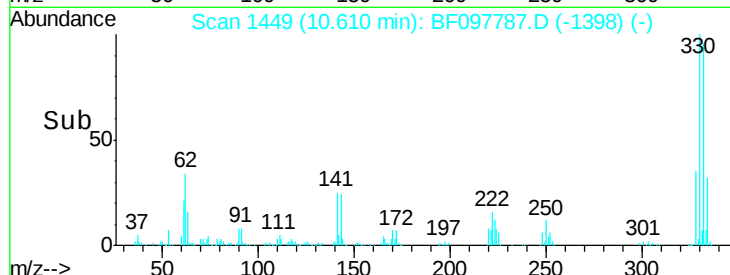
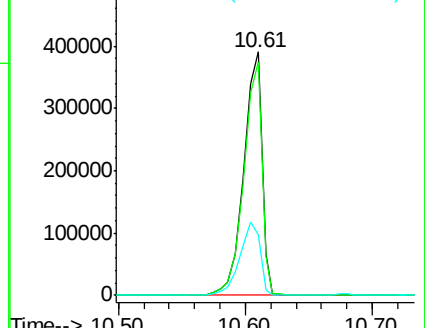
141 33.3 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 41.74 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

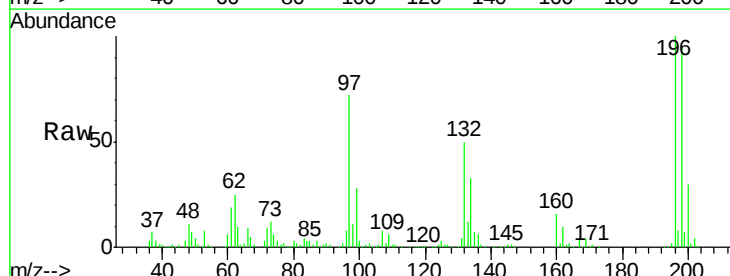
Tgt Ion:196 Resp: 275482

Ion Ratio Lower Upper

196 100

198 95.6 74.2 111.4

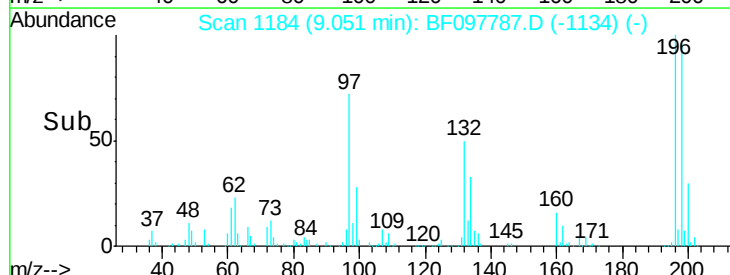
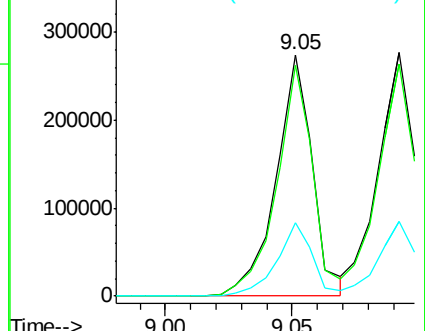
200 30.4 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

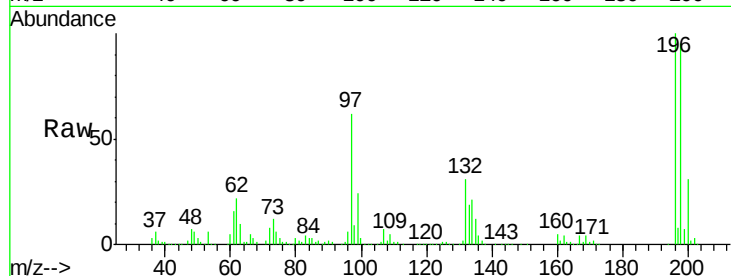




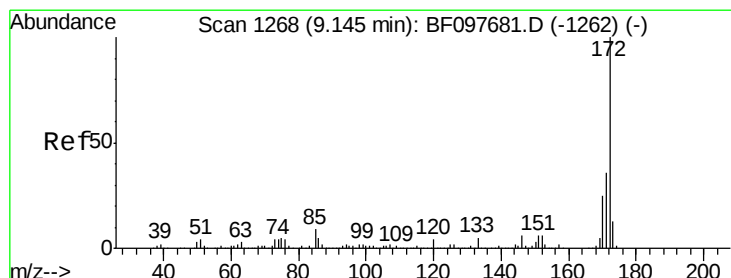
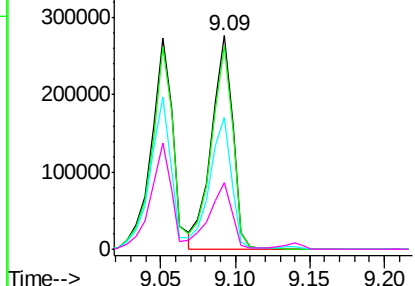
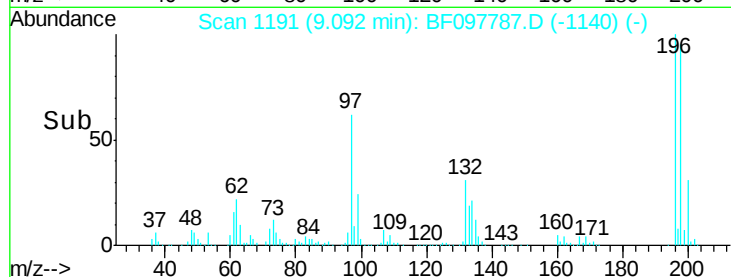
#43
 2,4,5-Trichlorophenol
 Concen: 42.16 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion:196	Resp:	276075
Ion	Ratio	Lower Upper
196	100	
198	95.3	75.7 113.5
97	61.6	47.7 71.5
132	31.2	28.0 42.0

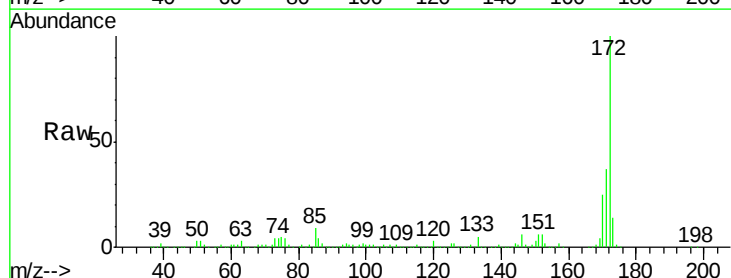


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

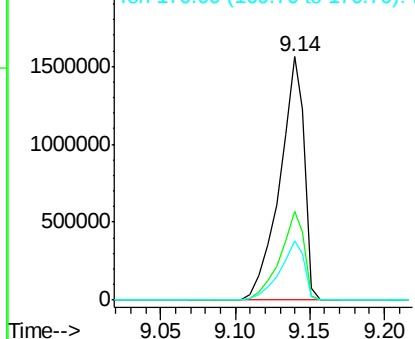
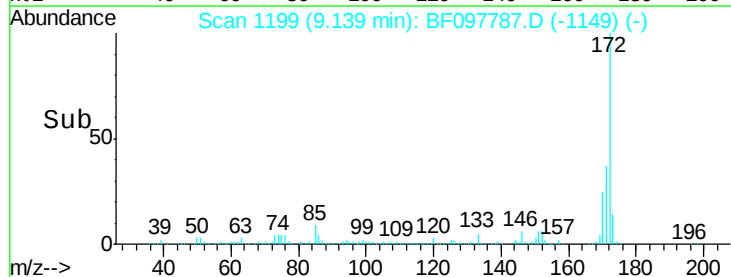


#44
 2-Fluorobiphenyl
 Concen: 82.49 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:172	Resp:	1798447
Ion	Ratio	Lower Upper
172	100	
171	36.7	29.6 44.4
170	24.5	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

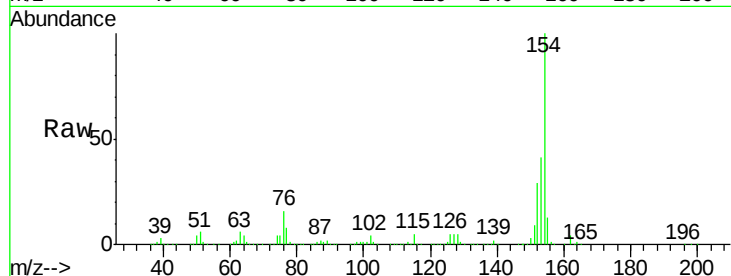




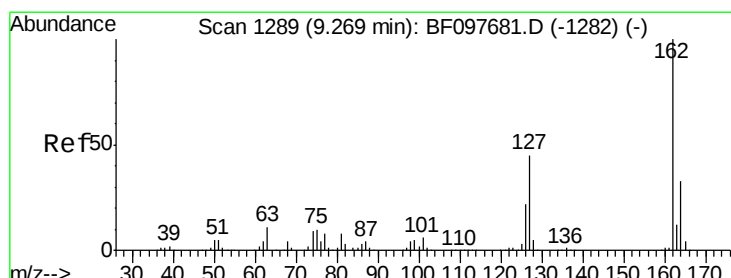
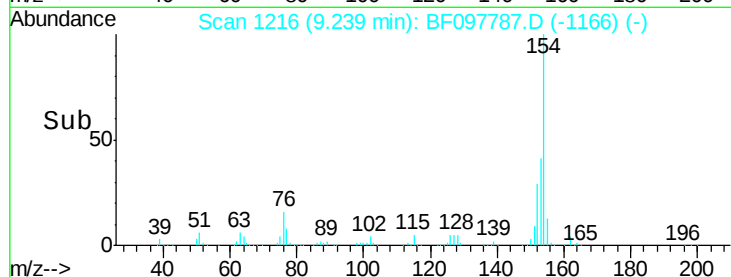
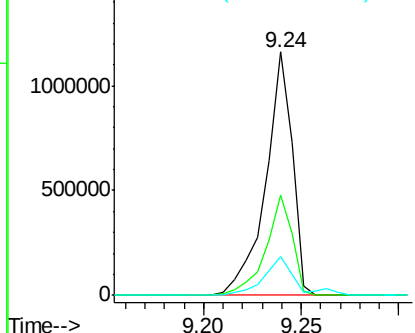
#45
 1,1'-Biphenyl
 Concen: 37.68 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion:154 Resp: 1100622
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.2 61.2
 76 16.2 0.0 29.9

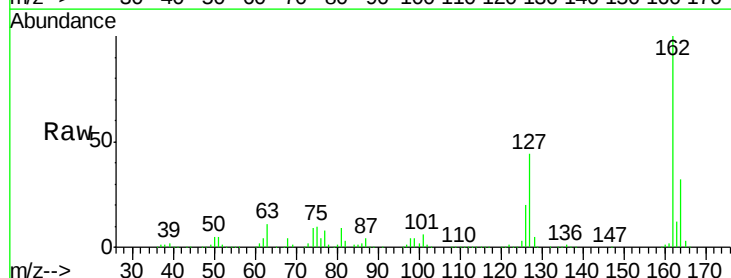


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

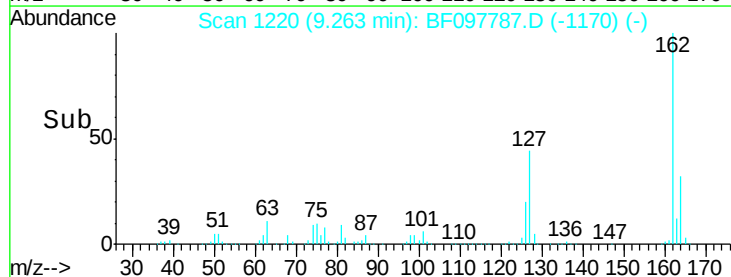
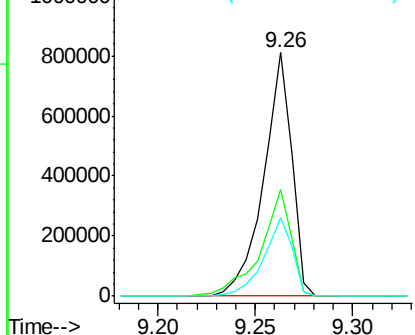


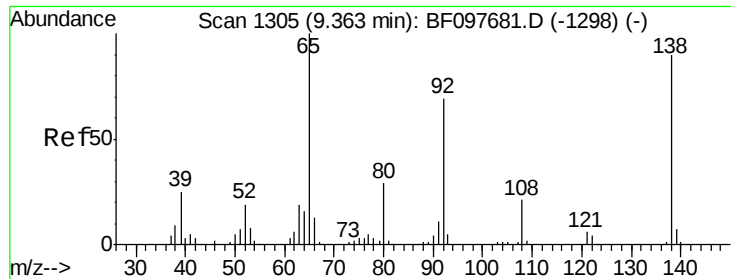
#46
 2-Chloronaphthalene
 Concen: 37.40 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:162 Resp: 807220
 Ion Ratio Lower Upper
 162 100
 127 44.0 28.3 42.5#
 164 32.2 27.0 40.4



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

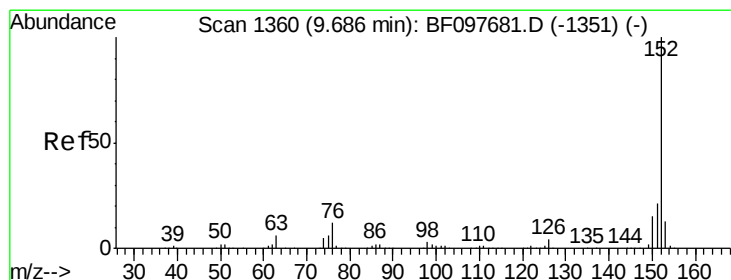
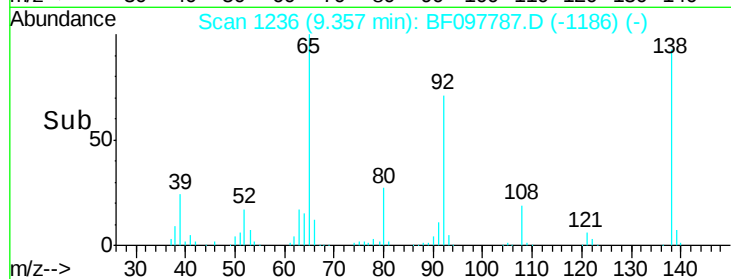
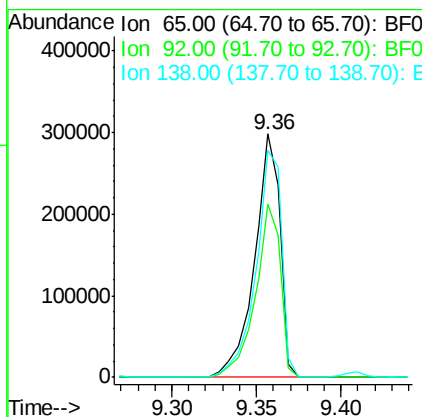
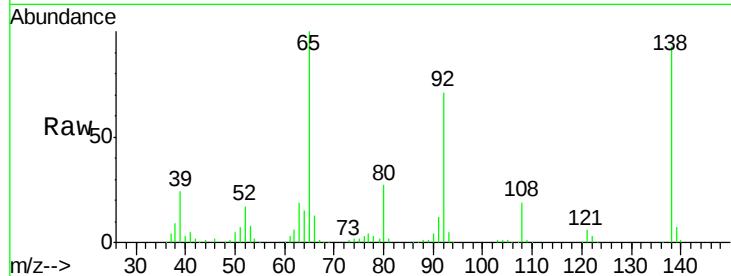




#47
 2-Nitroaniline
 Concen: 43.27 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

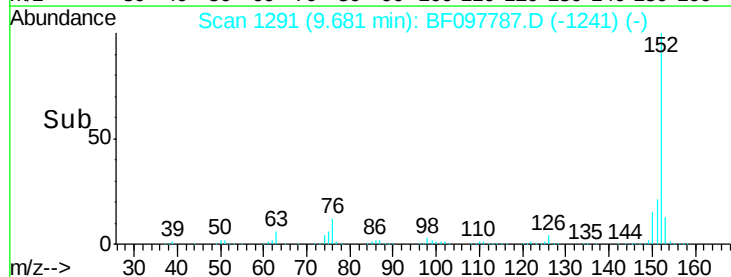
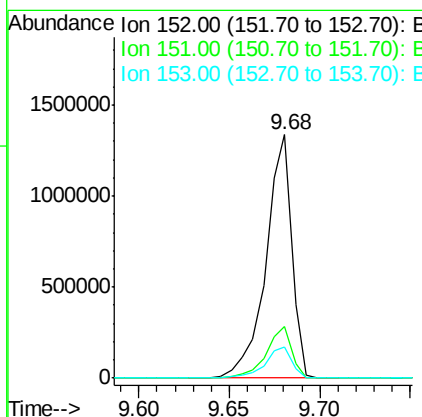
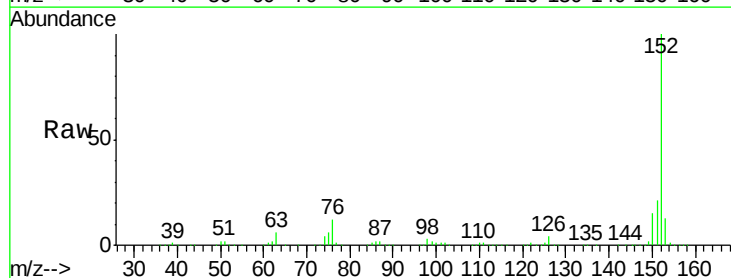
Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

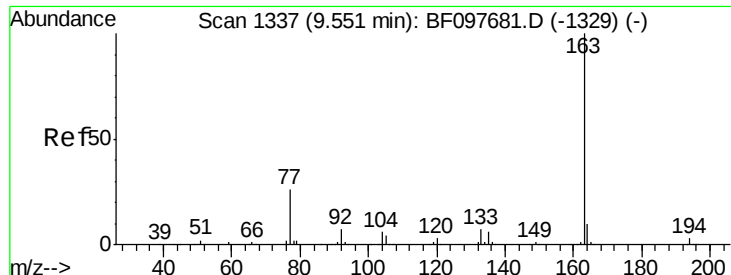
Tot Ion: 65 Resp: 313081
 Ion Ratio Lower Upper
 65 100
 92 71.2 53.9 80.9
 138 93.1 78.8 118.2



#48
 Acenaphthylene
 Concen: 38.96 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion: 152 Resp: 1320436
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.8 25.2
 153 13.0 10.8 16.2

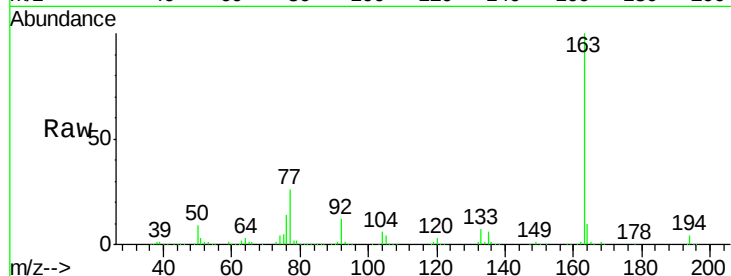




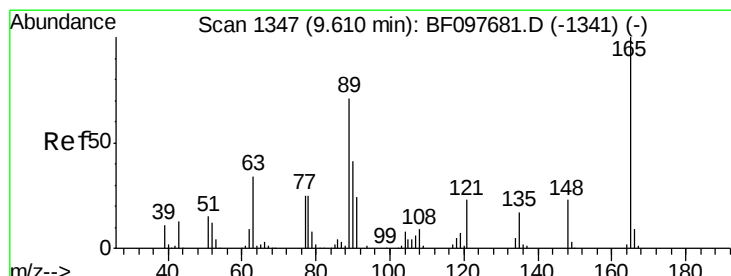
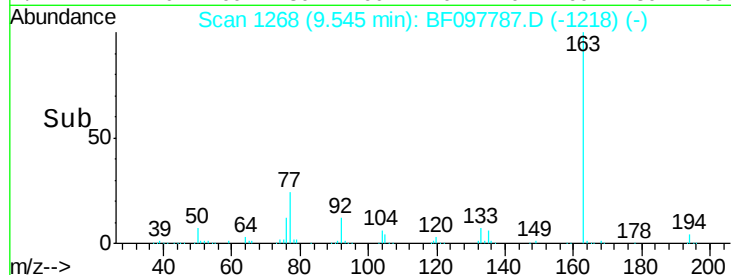
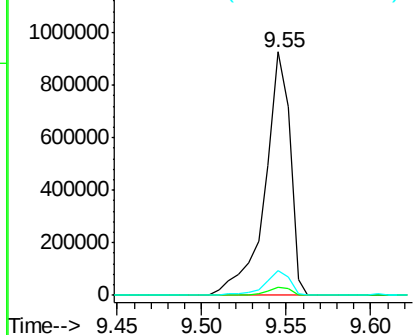
#49
Dimethylphthalate
Concen: 40.50 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion:163 Resp: 948353
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.2 8.4 12.6

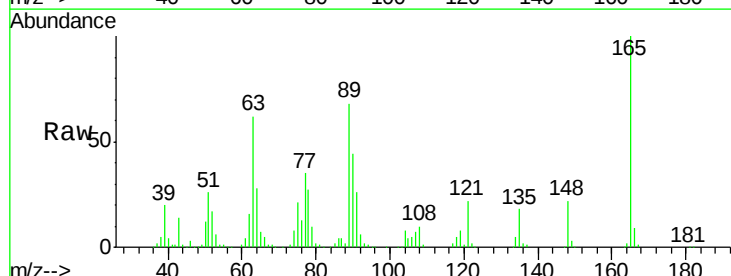


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

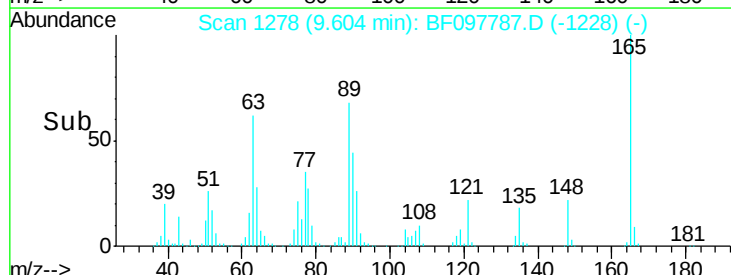
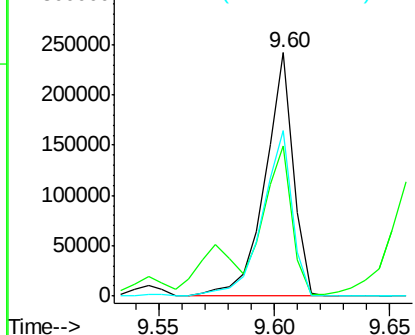


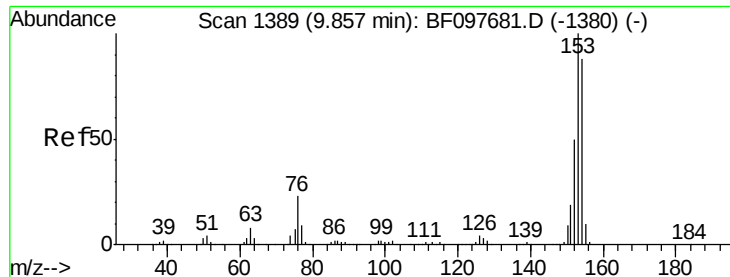
#50
2,6-Dinitrotoluene
Concen: 44.01 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:165 Resp: 205712
Ion Ratio Lower Upper
165 100
63 61.7 34.3 51.5#
89 68.2 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: 37.57 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

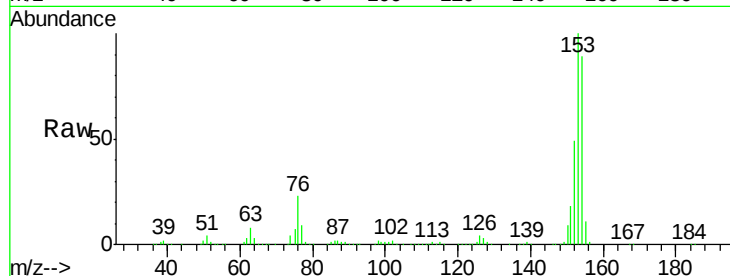
Tot Ion:154 Resp: 803086

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

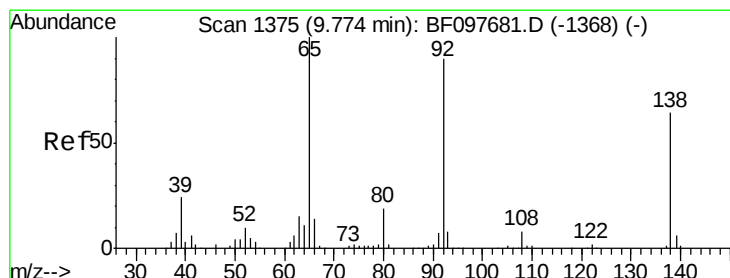
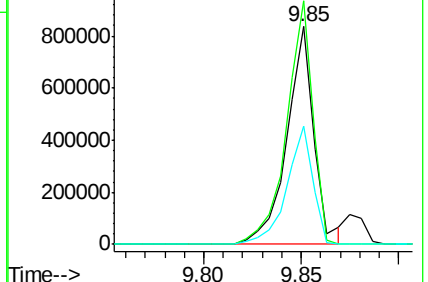
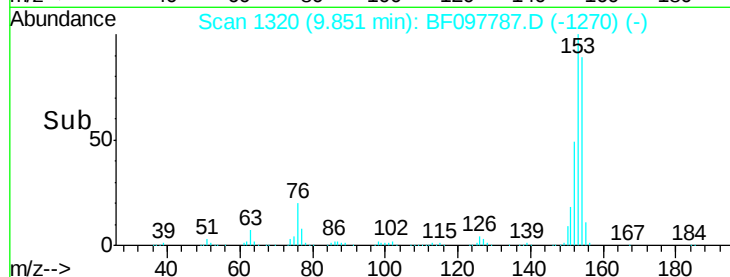
152 54.6 43.6 65.4



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: 24.67 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

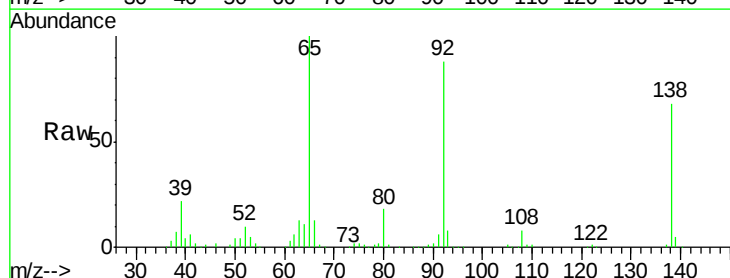
Tgt Ion:138 Resp: 148756

Ion Ratio Lower Upper

138 100

108 11.6 9.1 13.7

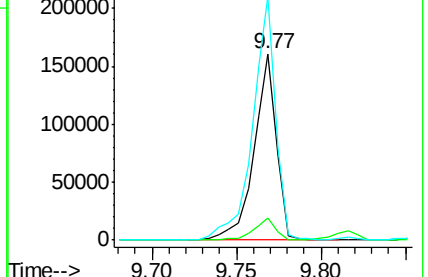
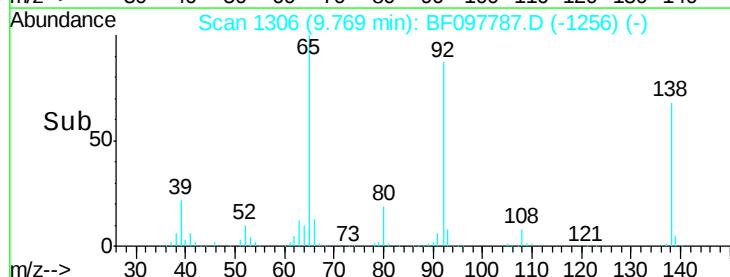
92 130.5 93.8 140.6

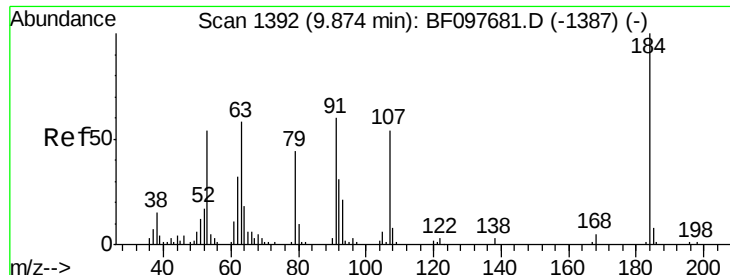


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

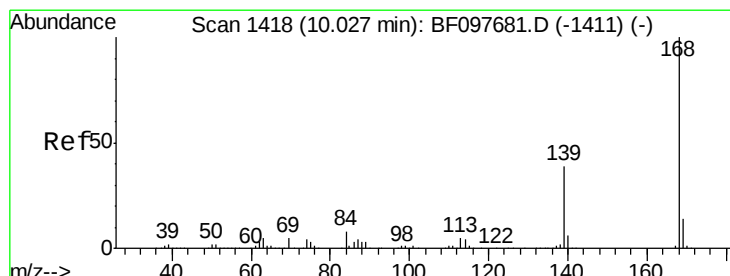
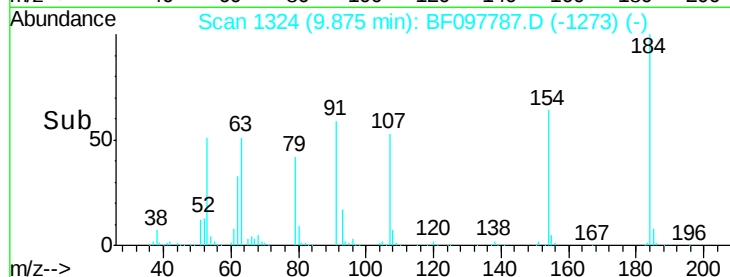
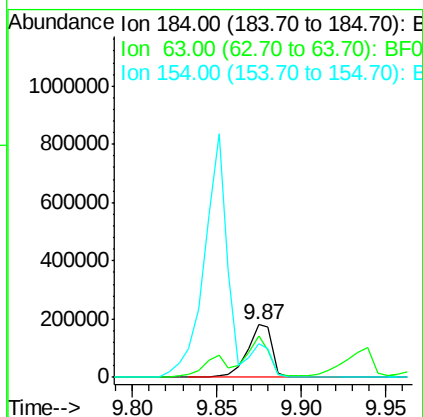
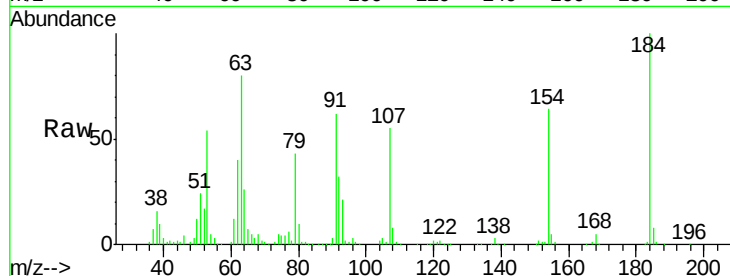




#53
 2,4-Dinitrophenol
 Concen: 84.26 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

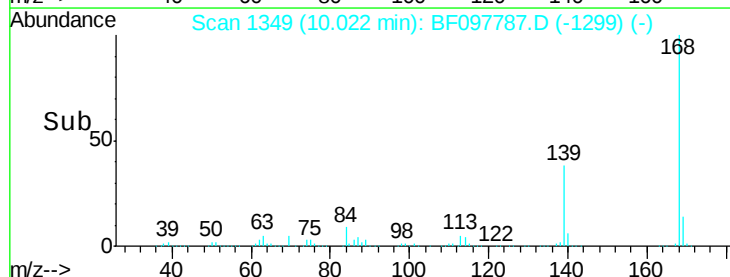
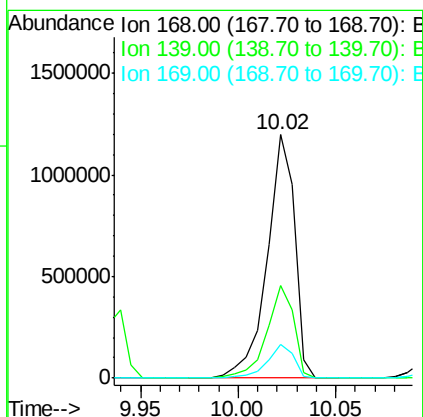
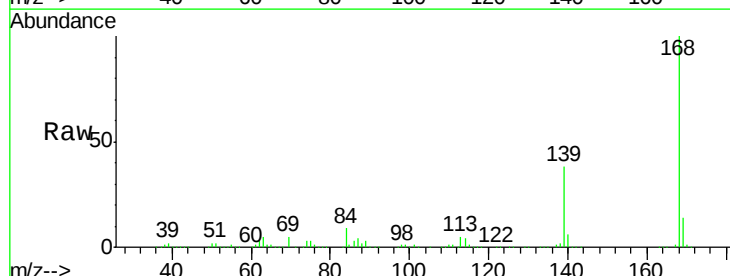
Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

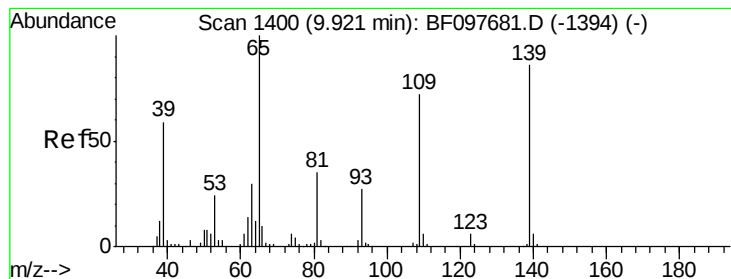
Tot Ion:184 Resp: 188721
 Ion Ratio Lower Upper
 184 100
 63 79.7 62.7 94.1
 154 64.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.72 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:168 Resp: 1166709
 Ion Ratio Lower Upper
 168 100
 139 37.9 30.6 45.8
 169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 78.79 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

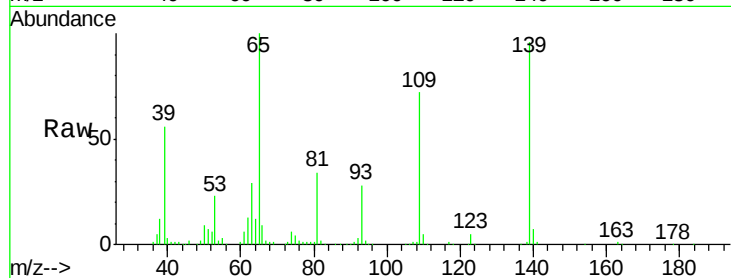
Tot Ion:139 Resp: 379030

Ion Ratio Lower Upper

139 100

109 75.4 34.1 74.1#

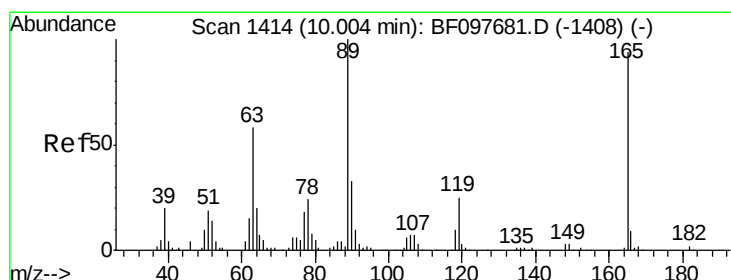
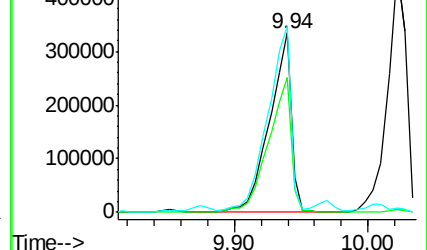
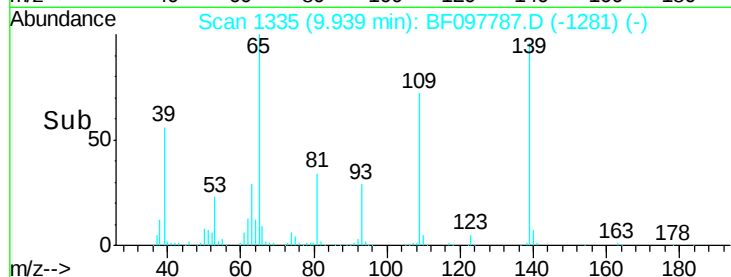
65 104.2 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.91 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Tgt Ion:165 Resp: 275158

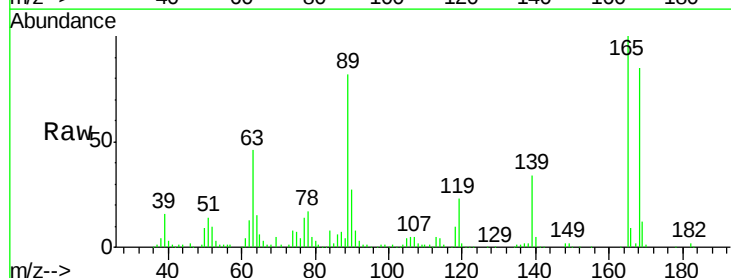
Ion Ratio Lower Upper

165 100

63 46.3 25.4 38.0#

89 81.9 46.4 69.6#

182 2.4 1.8 2.6

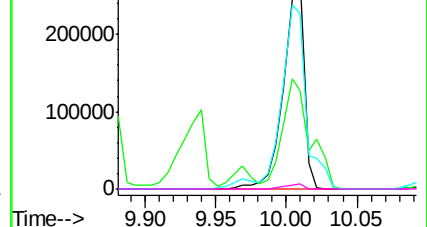
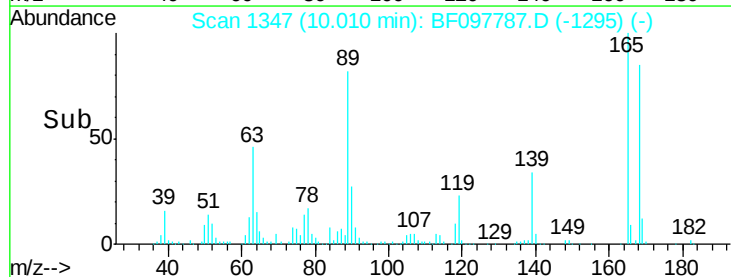


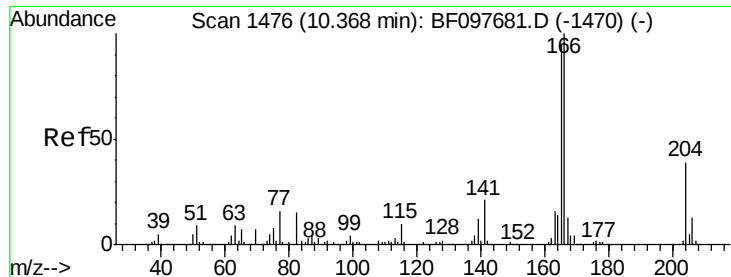
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

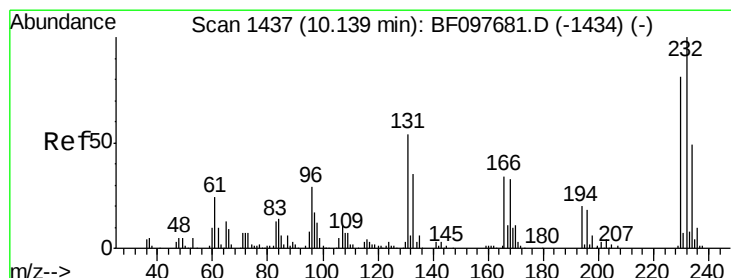
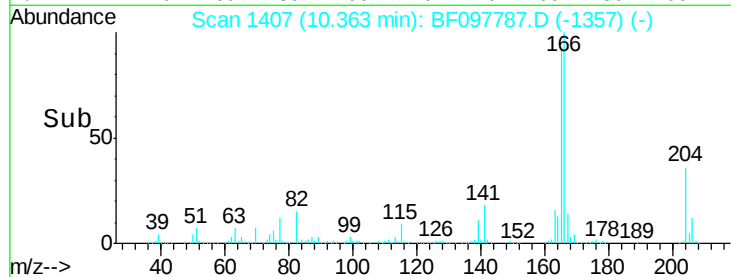
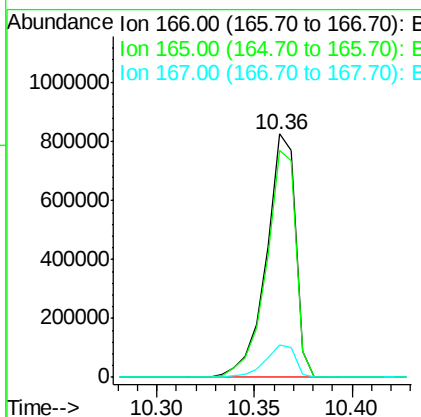
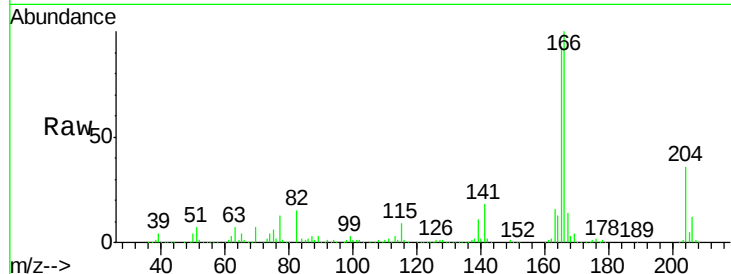




#57
Fluorene
 Concen: 38.65 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

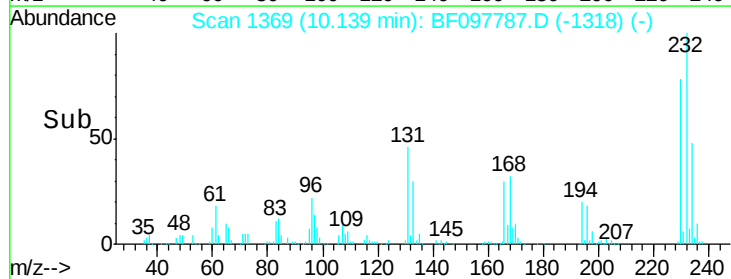
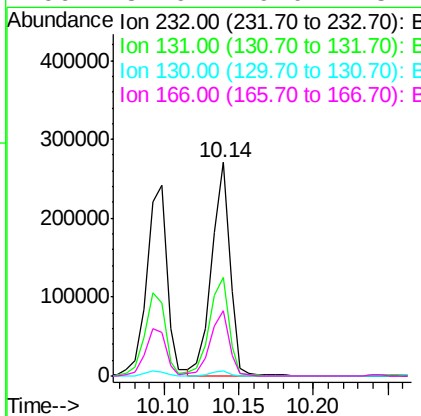
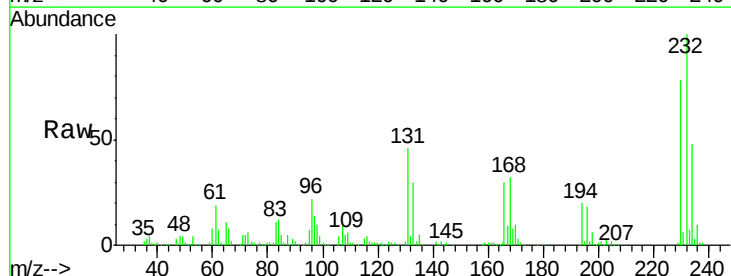
Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

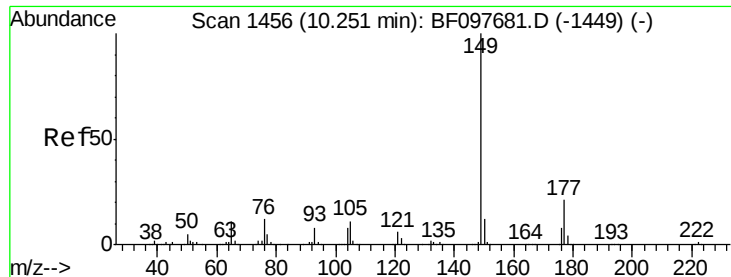
Tot Ion:166 Resp: 856111
 Ion Ratio Lower Upper
 166 100
 165 93.4 78.8 118.2
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.32 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:232 Resp: 229727
 Ion Ratio Lower Upper
 232 100
 131 50.3 44.8 67.2
 130 2.5 2.3 3.5
 166 31.9 29.0 43.4

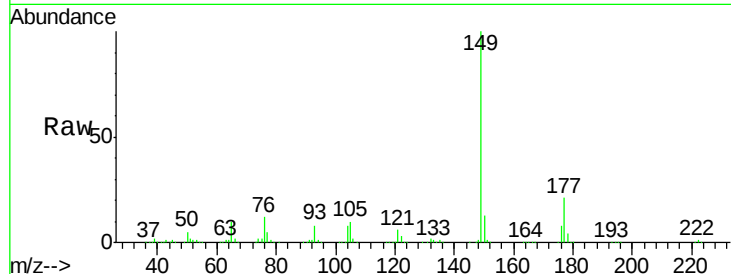




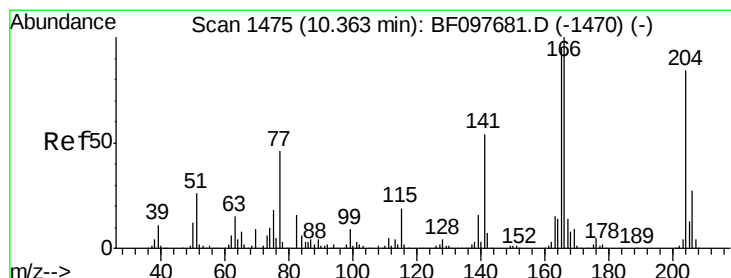
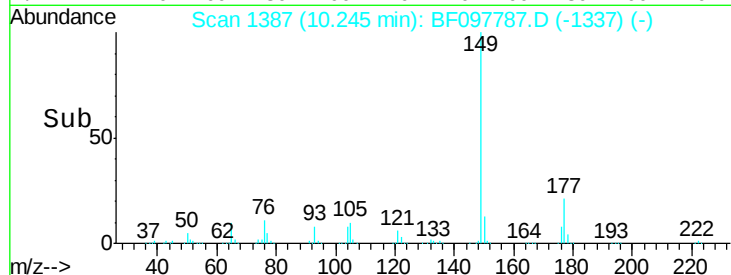
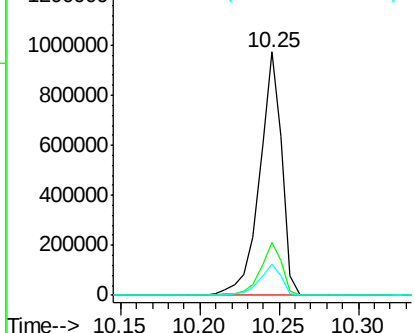
#59
Diethylphthalate
Concen: 38.70 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion:149 Resp: 947735
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.6 10.2 15.2

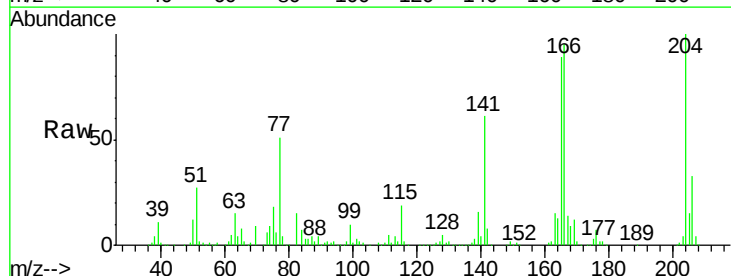


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

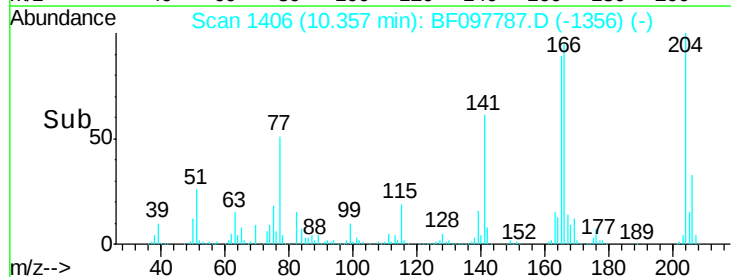
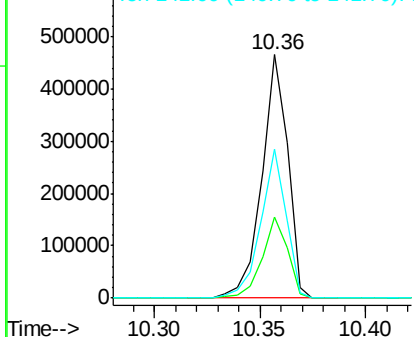


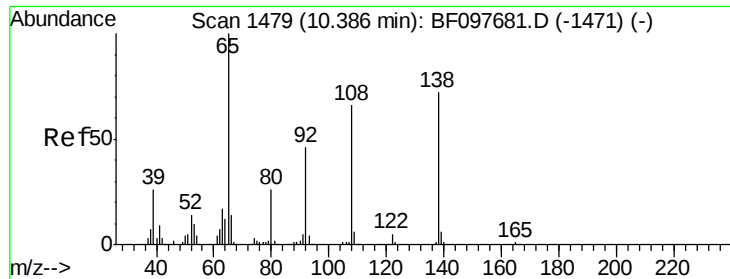
#60
4-Chlorophenyl-phenylether
Concen: 38.73 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:204 Resp: 398497
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 61.2 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

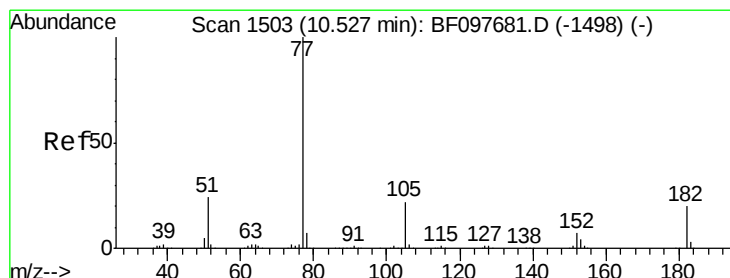
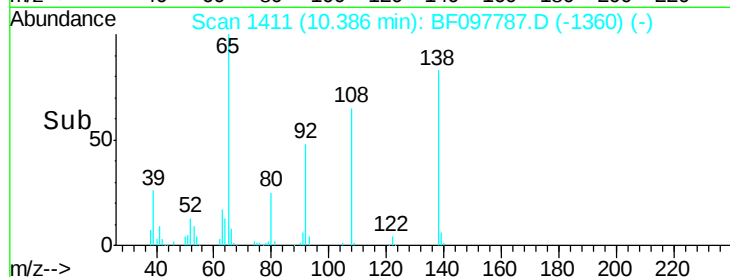
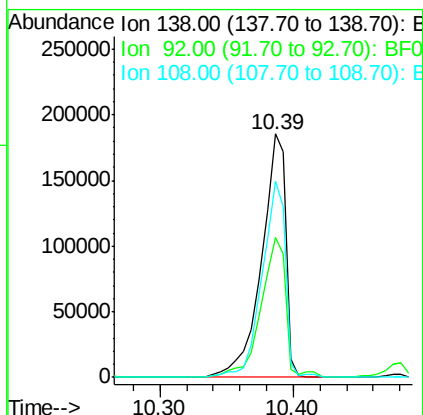
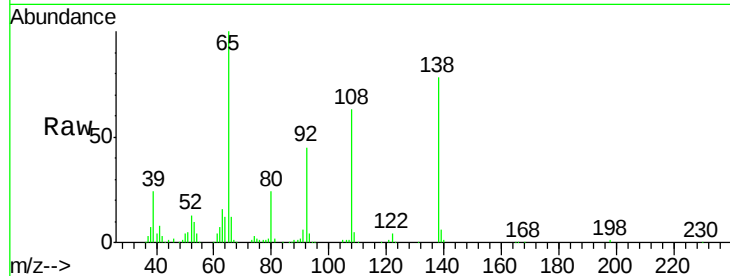




#61
4-Nitroaniline
Concen: 40.56 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

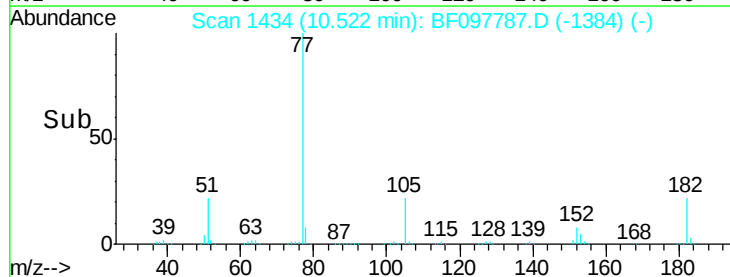
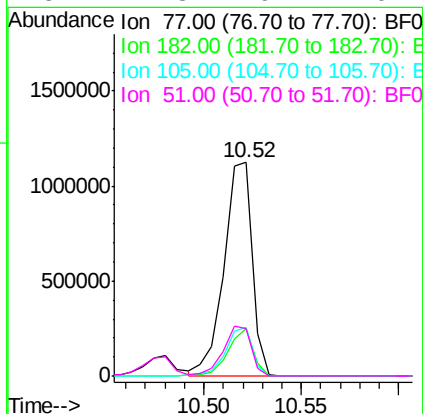
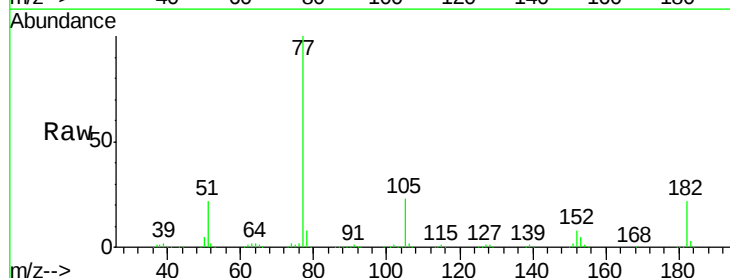
Instrument :
BNA_F
ClientSampleId :
PB101441BS

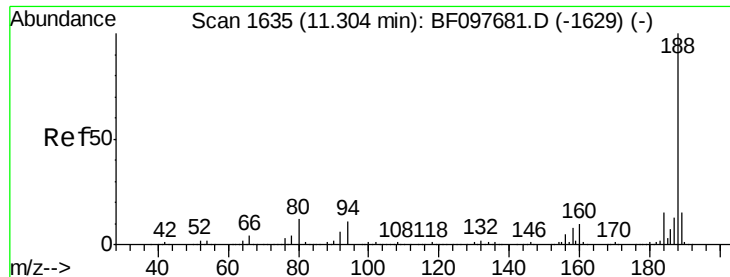
Tot Ion:138 Resp: 232470
Ion Ratio Lower Upper
138 100
92 57.6 21.8 61.8
108 80.6 42.3 82.3



#62
Azobenzene
Concen: 38.75 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion: 77 Resp: 1126956
Ion Ratio Lower Upper
77 100
182 22.0 0.1 40.1
105 22.9 3.6 43.6
51 22.3 9.4 49.4

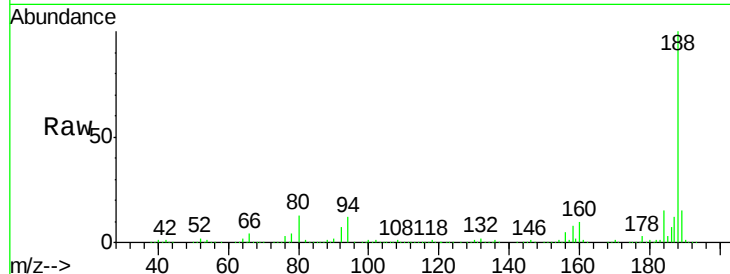




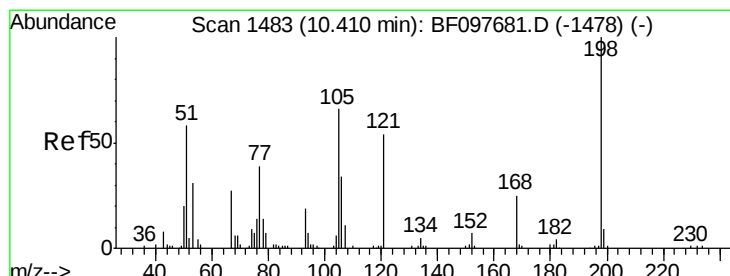
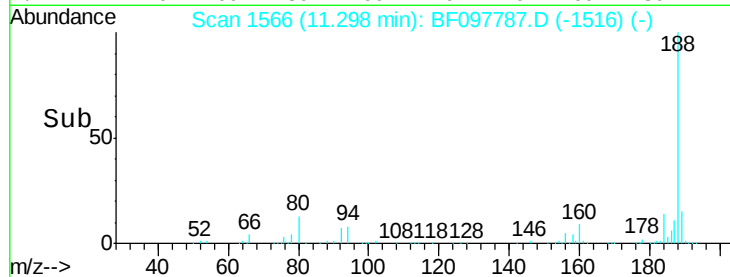
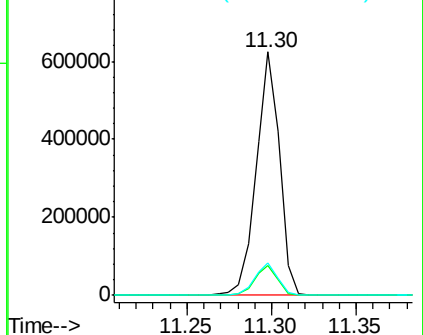
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion:188 Resp: 599878
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 13.1 10.2 15.2

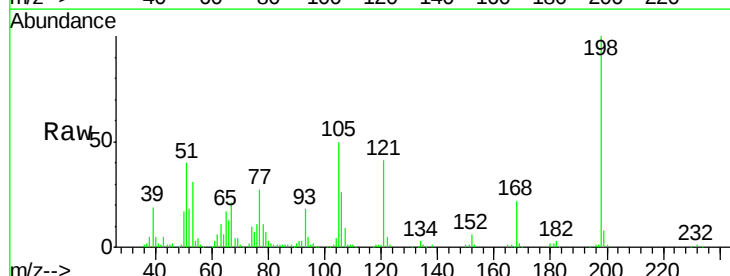


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

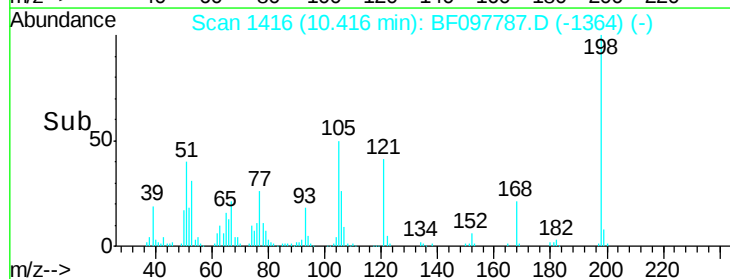
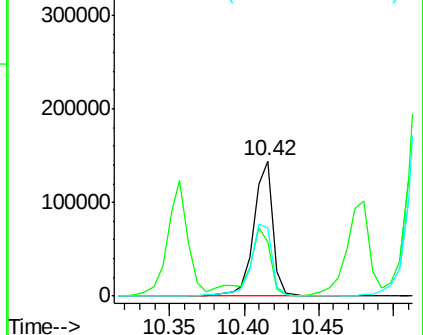


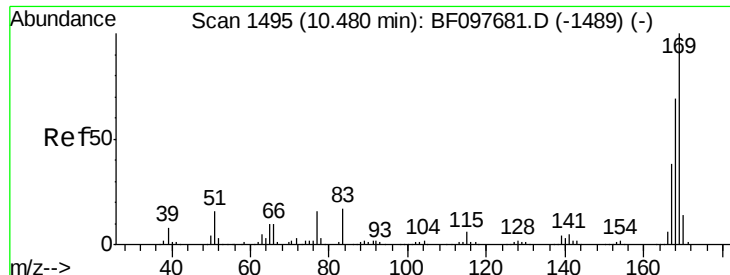
#64
4,6-Dinitro-2-methylphenol
Concen: 45.08 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:198 Resp: 125705
Ion Ratio Lower Upper
198 100
51 40.4 53.2 93.2#
105 50.4 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

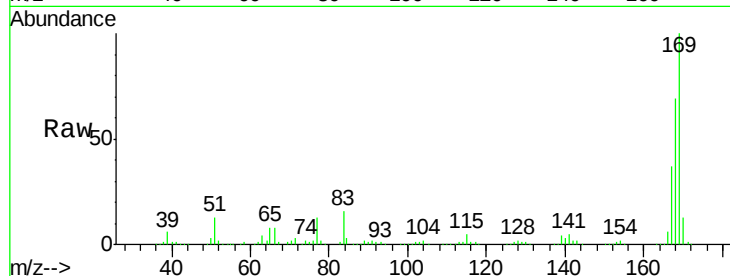




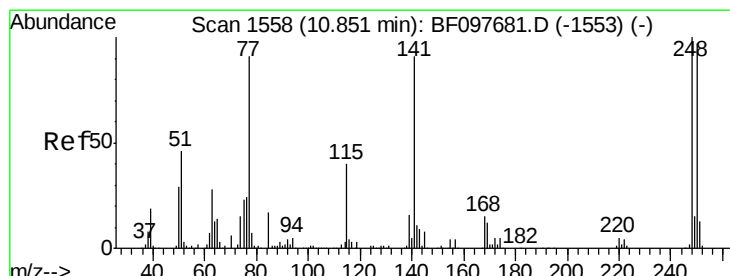
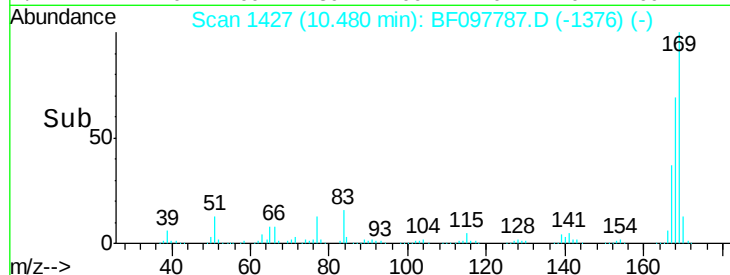
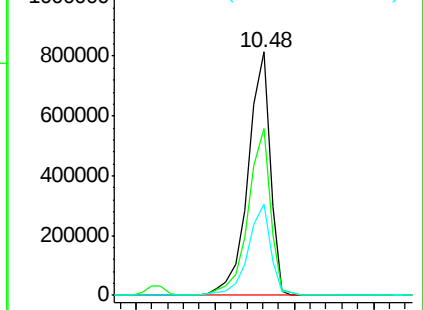
#65
 n-Nitrosodiphenylamine
 Concen: 38.63 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion:169 Resp: 789184
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.2 79.8
 167 37.3 29.5 44.3

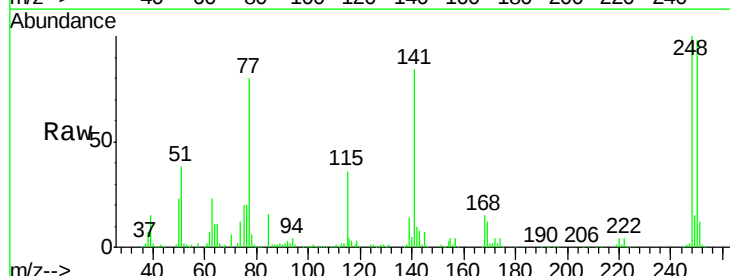


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

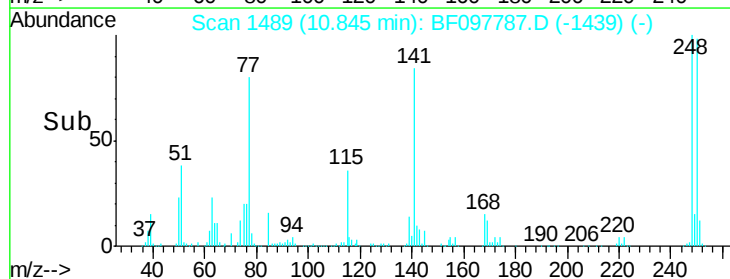
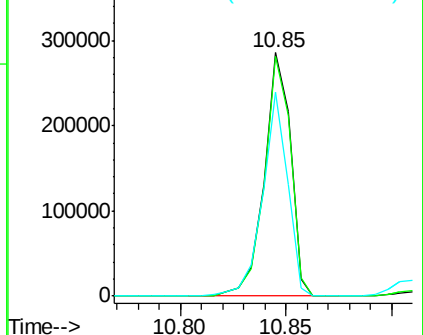


#66
 4-Bromophenyl-phenylether
 Concen: 39.88 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:248 Resp: 248418
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.8 115.2
 141 83.7 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

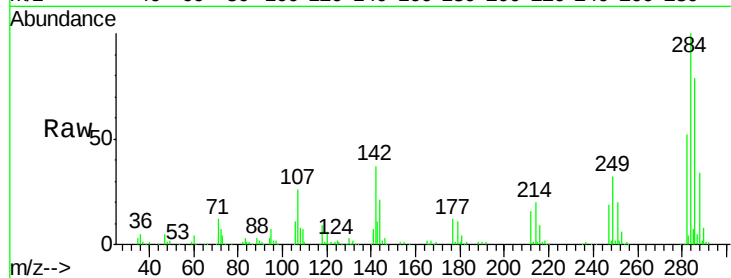




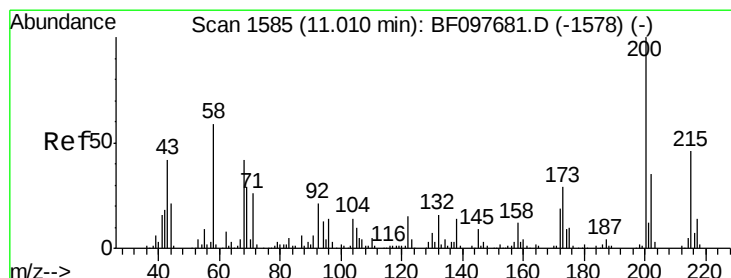
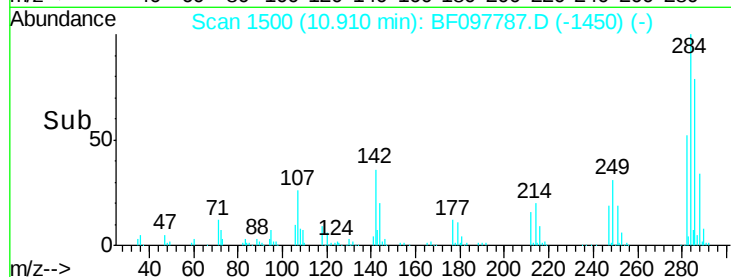
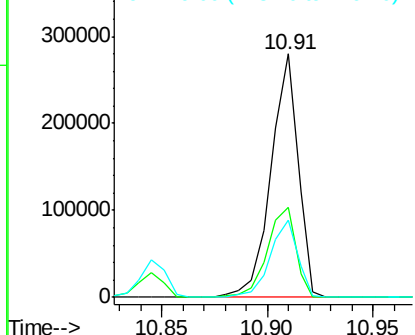
#67
Hexachlorobenzene
Concen: 39.43 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion:284 Resp: 250347
Ion Ratio Lower Upper
284 100
142 36.8 22.8 34.2#
249 31.8 24.0 36.0

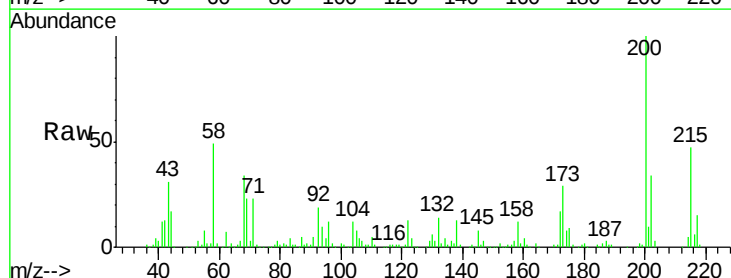


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

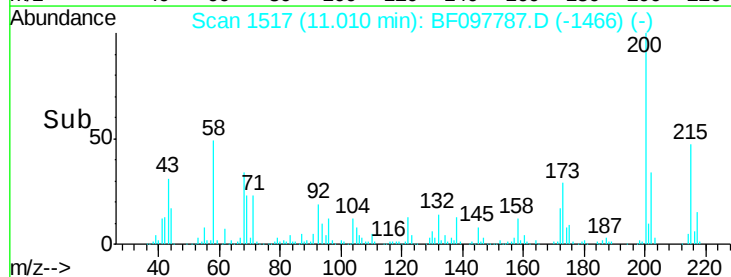
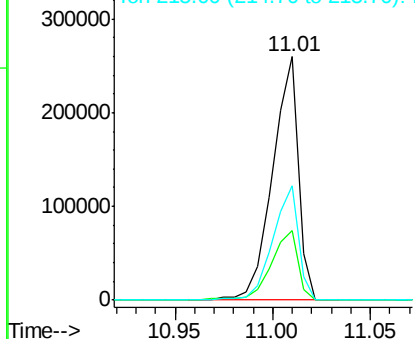


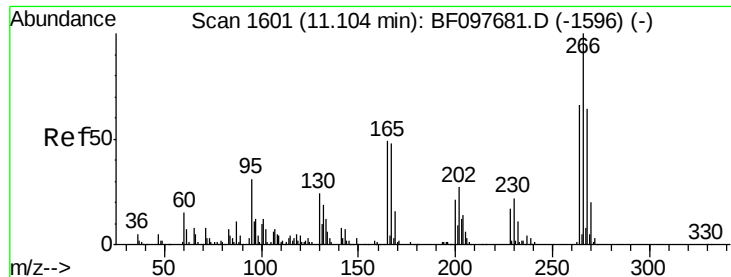
#68
Atrazine
Concen: 43.90 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:200 Resp: 237832
Ion Ratio Lower Upper
200 100
173 28.6 6.3 46.3
215 47.1 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

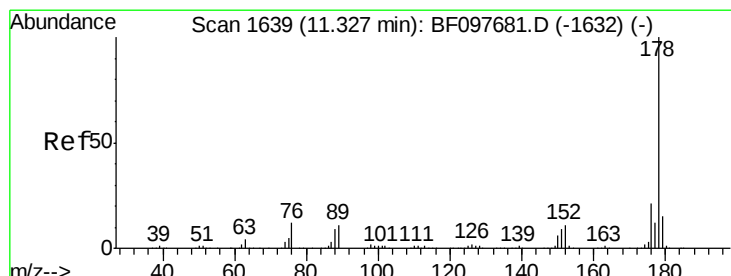
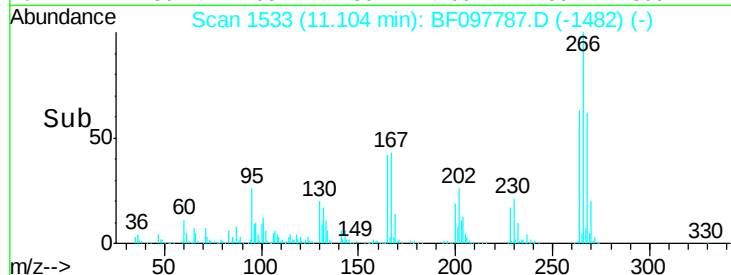
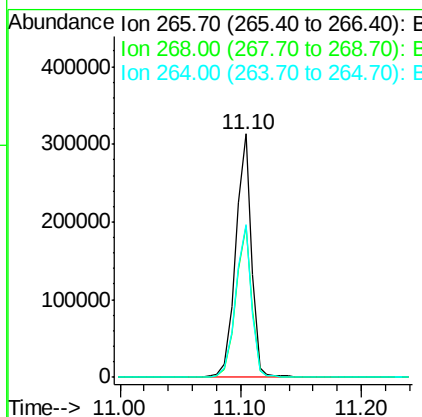
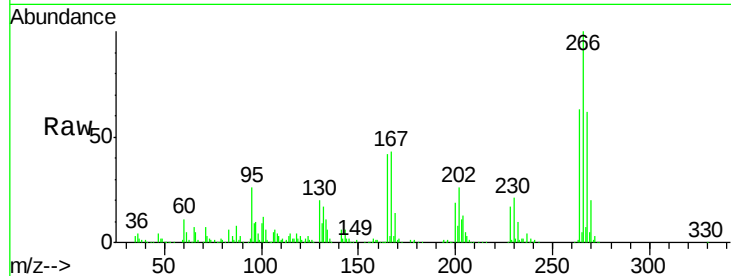




#69
 Pentachlorophenol
 Concen: 77.47 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

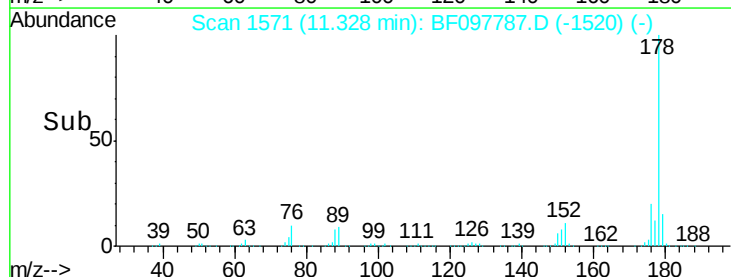
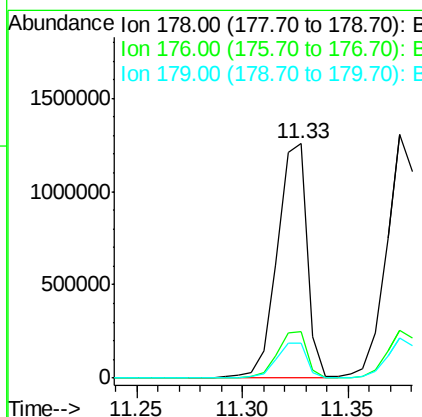
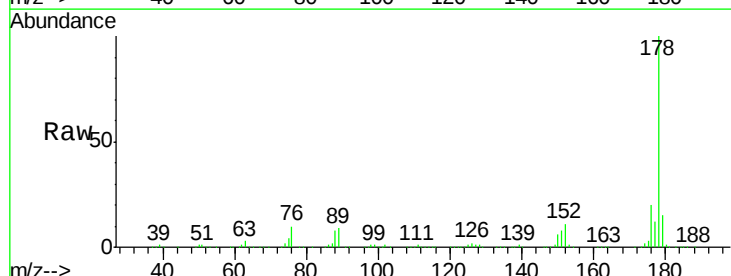
Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

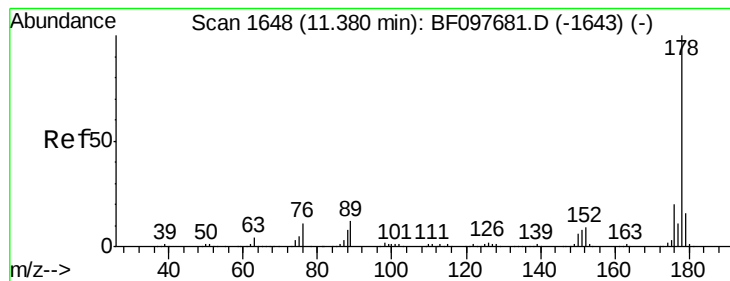
Tot Ion:266 Resp: 286785
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 62.9 51.7 77.5



#70
 Phenanthrene
 Concen: 38.78 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:178 Resp: 1239632
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.2 12.6 19.0





#71

Anthracene

Concen: 39.19 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

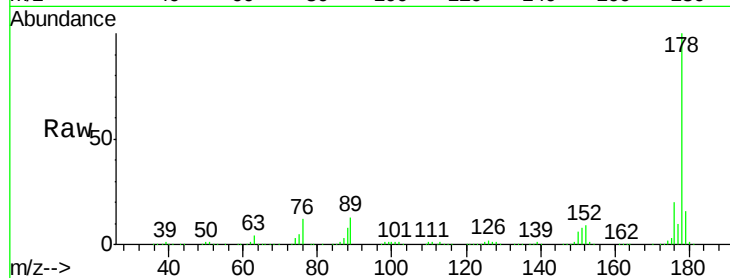
BNA_F

ClientSampleId :

PB101441BS

Tot Ion:178 Resp: 1270714

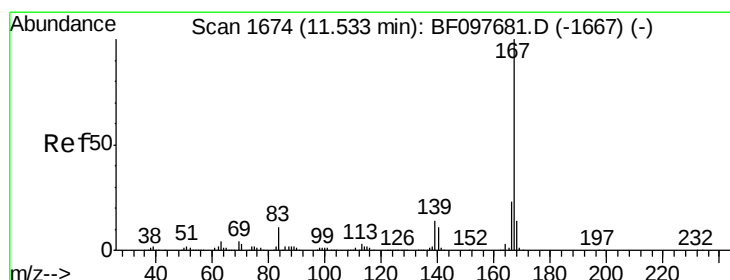
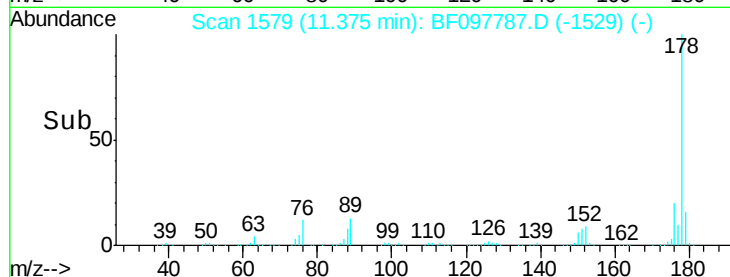
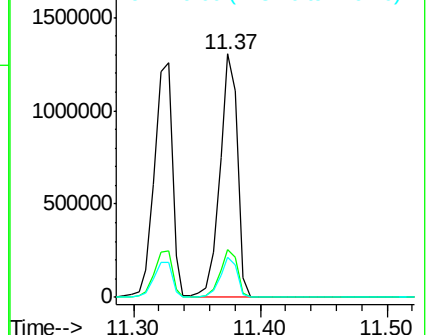
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.2	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.28 ng

RT: 11.53 min Scan# 1605

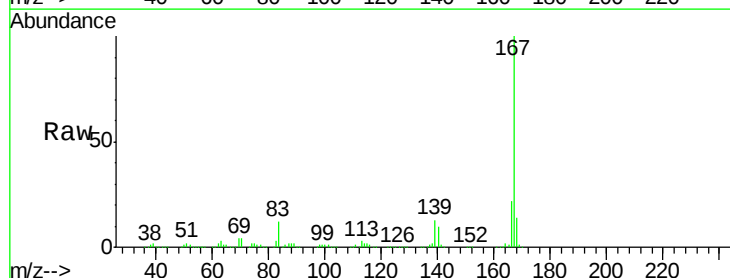
Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Tgt Ion:167 Resp: 1208785

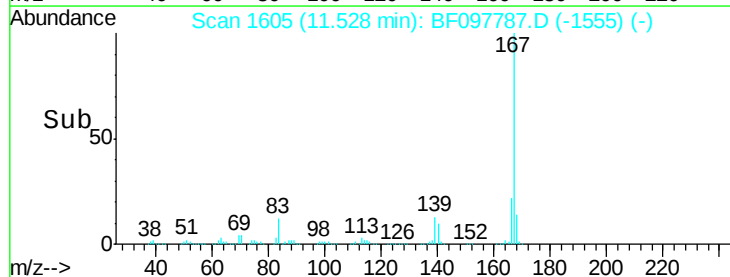
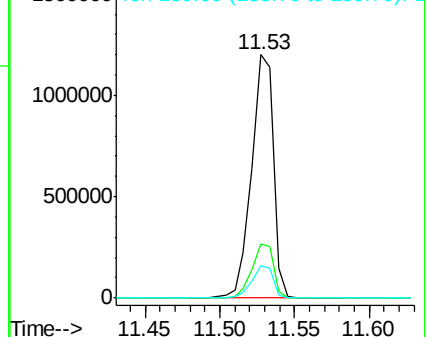
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.4	11.7	17.5

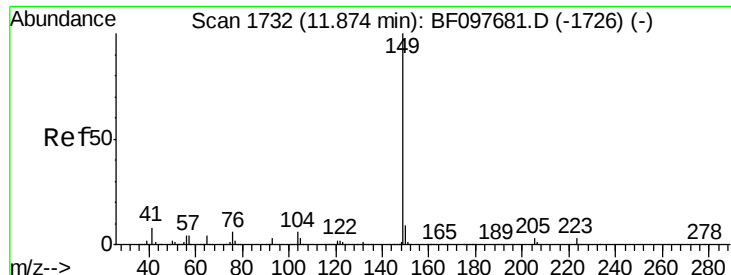


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

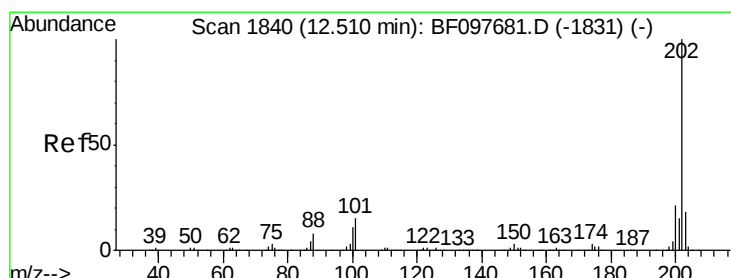
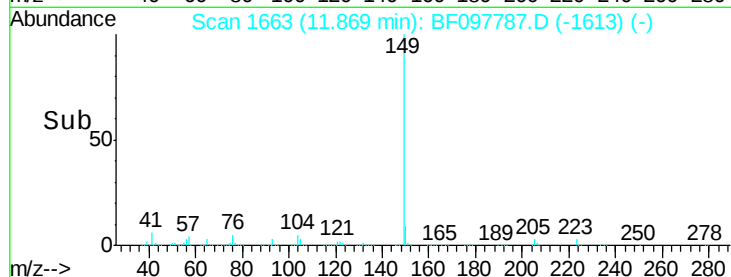
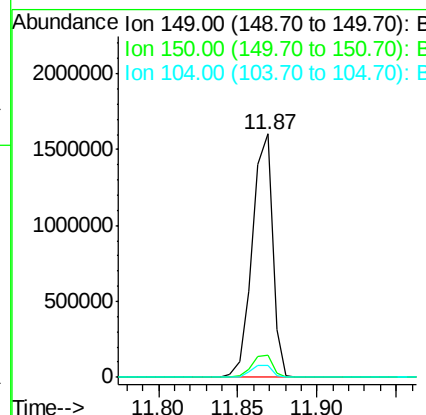
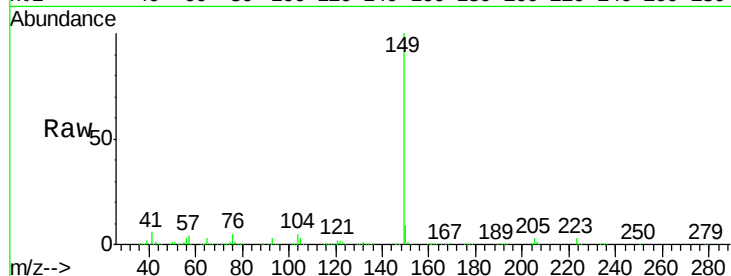




#73
Di-n-butylphthalate
Concen: 40.06 ng
RT: 11.87 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

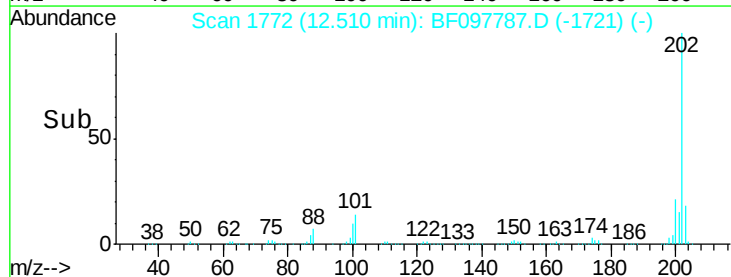
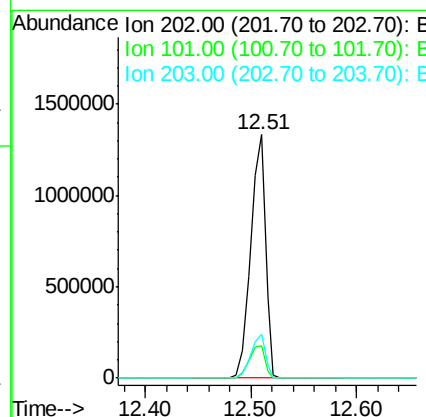
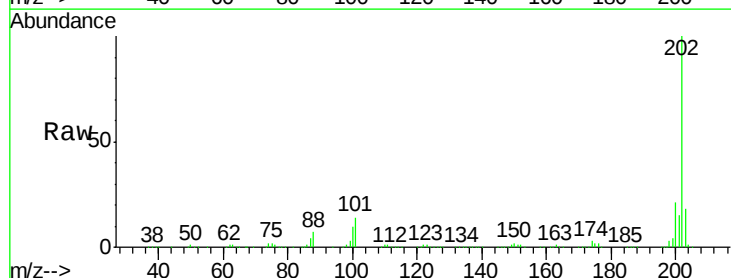
Instrument :
BNA_F
ClientSampleId :
PB101441BS

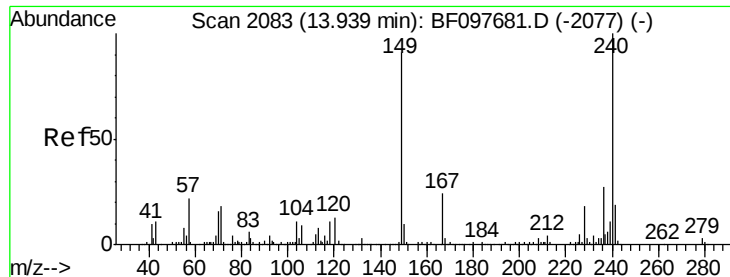
Tot Ion:149 Resp: 1420093
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.1 4.0 6.0



#74
Fluoranthene
Concen: 38.71 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:202 Resp: 1291446
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

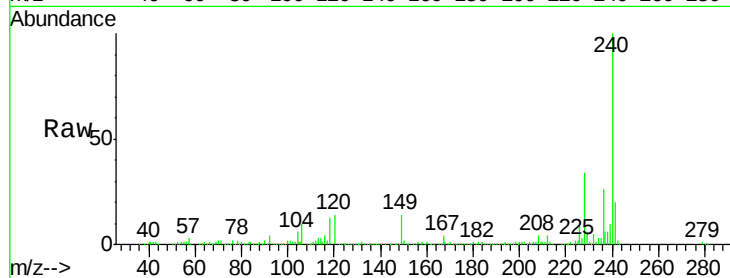
Tot Ion:240 Resp: 442580

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

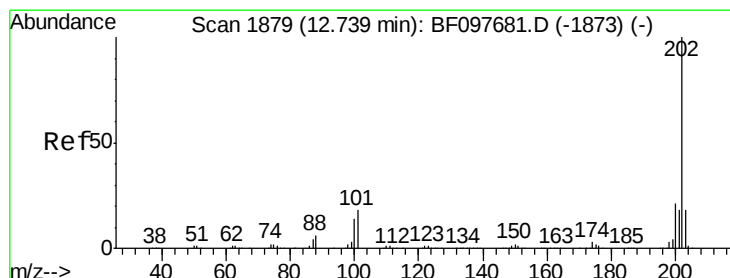
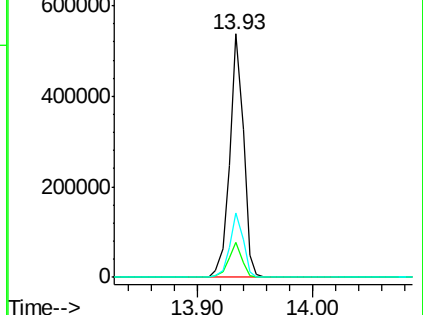
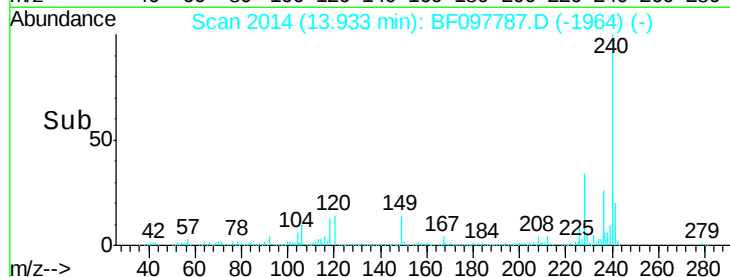
236 26.3 20.5 30.7



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



#77

Pyrene

Concen: 36.67 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

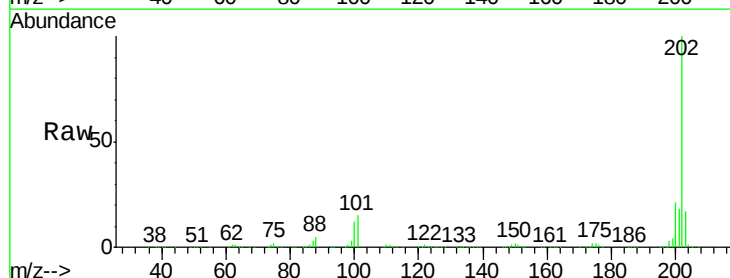
Tgt Ion:202 Resp: 1327357

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

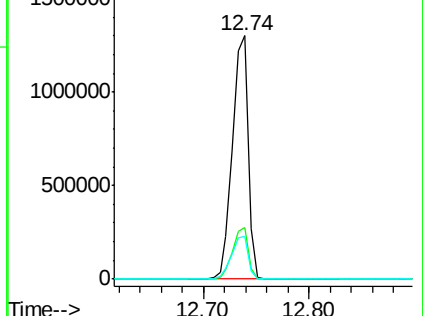
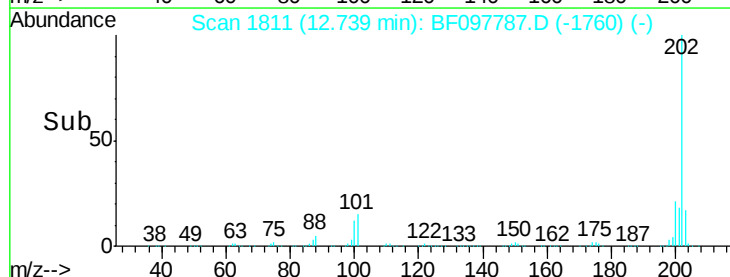
203 17.4 14.4 21.6

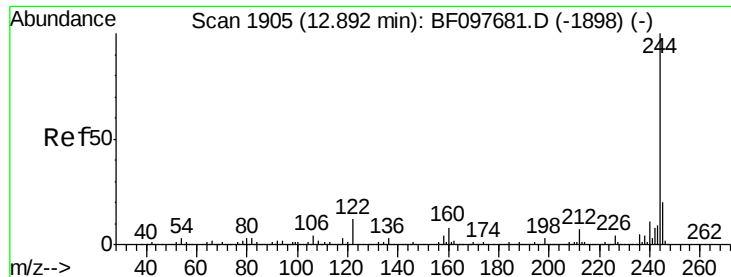


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.72 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

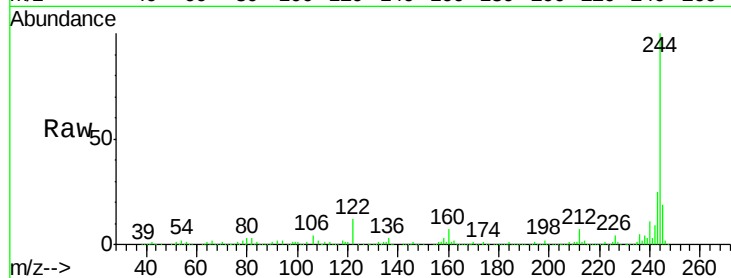
Tot Ion:244 Resp: 1500872

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

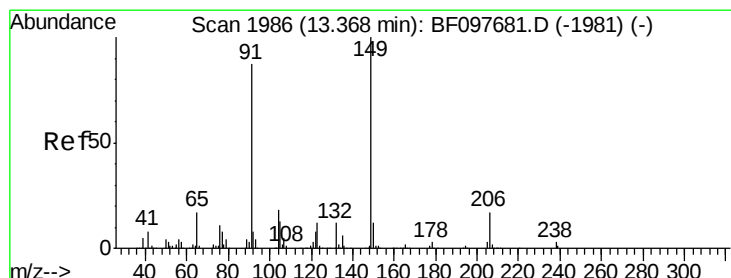
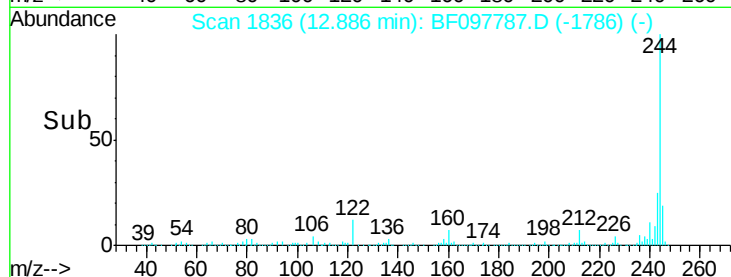
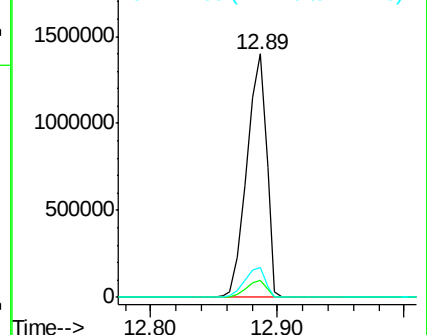
122 12.2 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 42.70 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

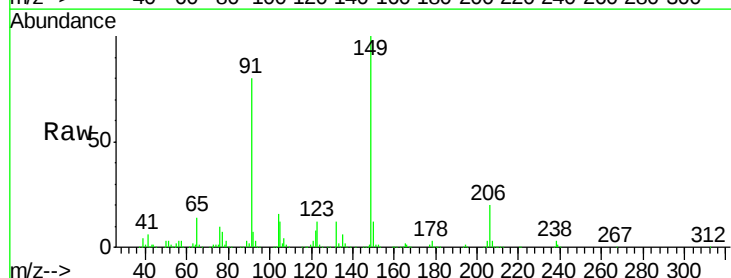
Tgt Ion:149 Resp: 592573

Ion Ratio Lower Upper

149 100

91 79.5 45.0 67.4#

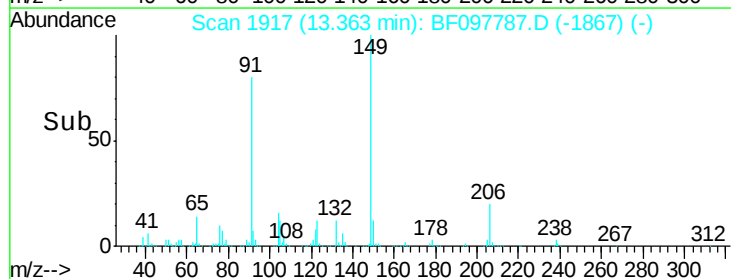
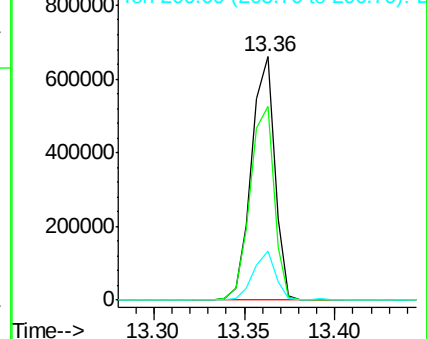
206 20.1 17.0 25.6

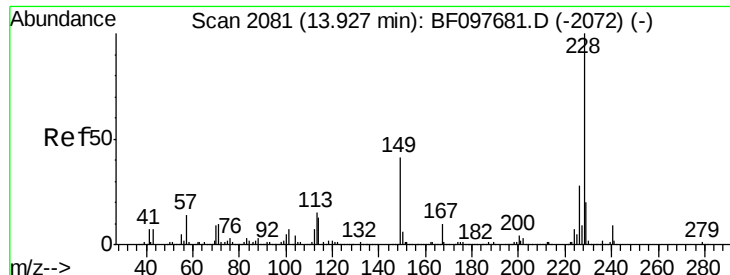


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.67 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

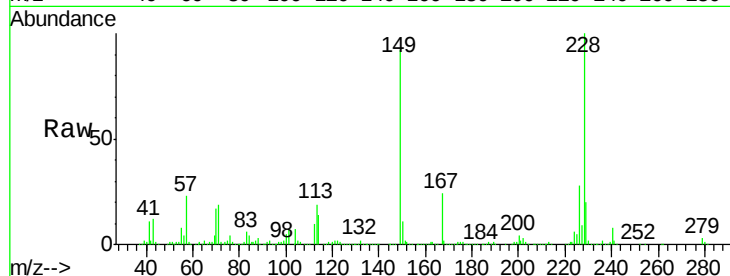
Tot Ion:228 Resp: 999091

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

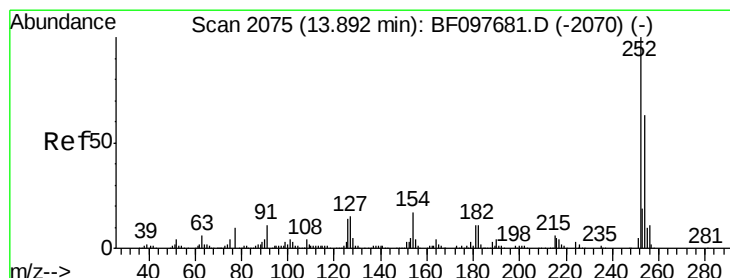
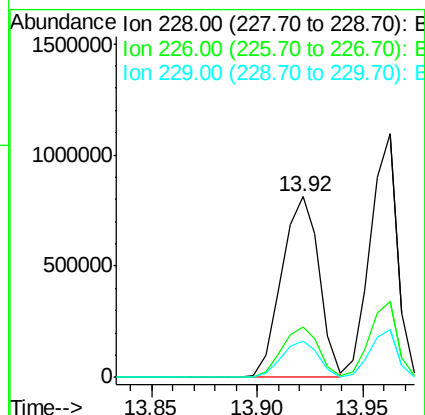
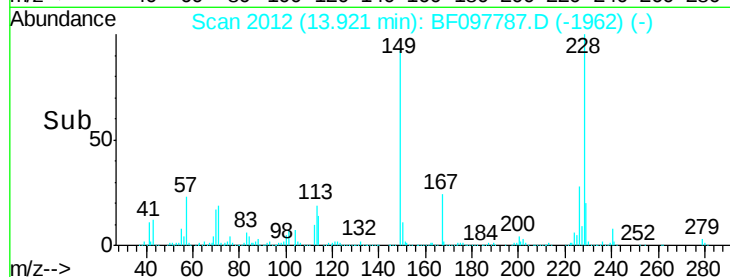
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.42 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

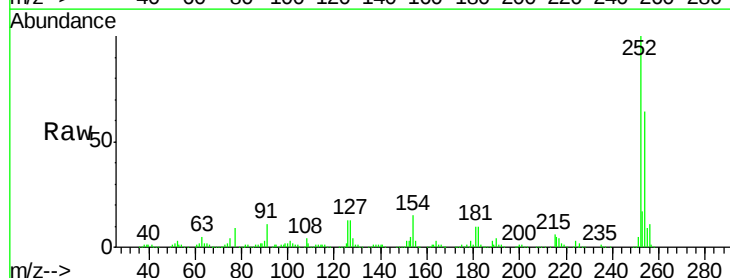
Tgt Ion:252 Resp: 227524

Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

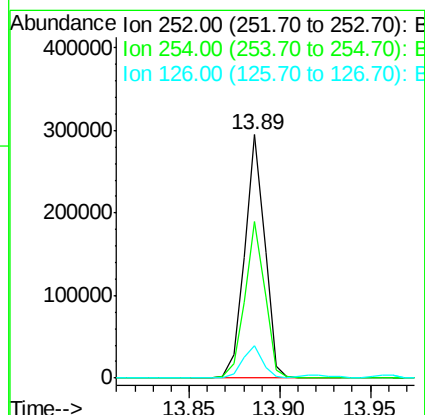
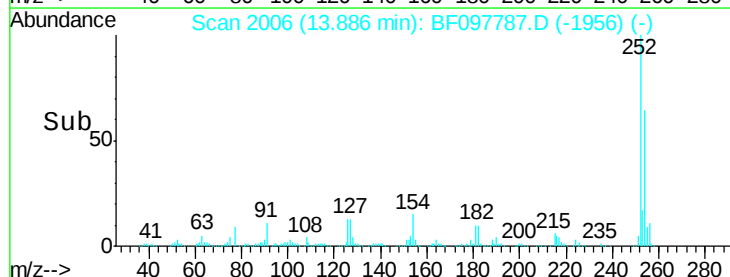
126 13.1 15.8 23.8#

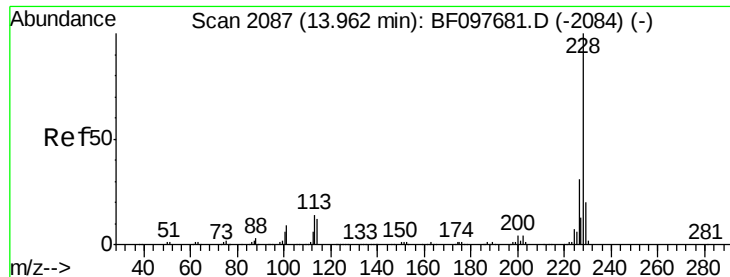


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.35 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleID :

PB101441BS

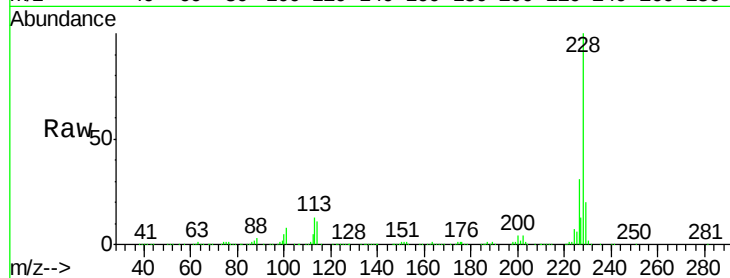
Tot Ion:228 Resp: 985636

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

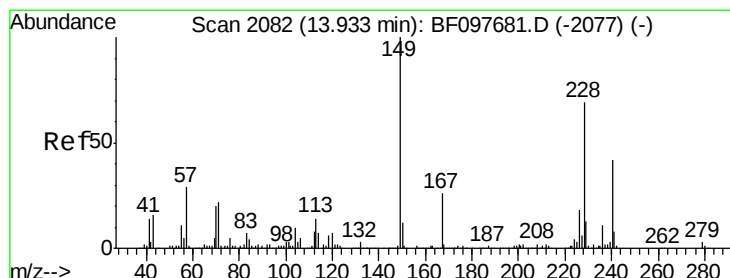
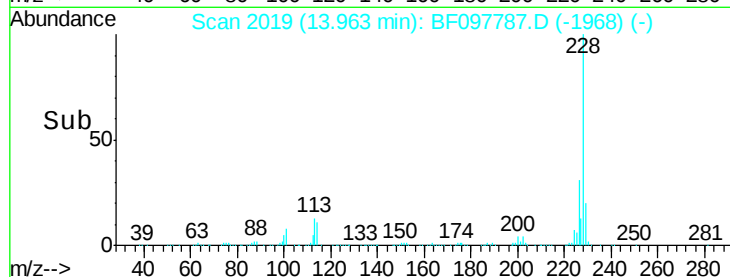
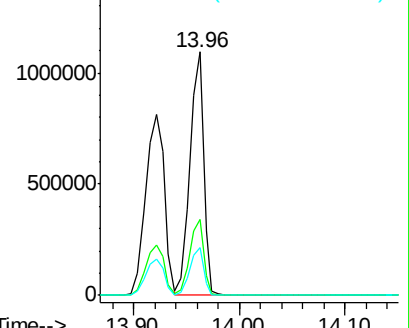
229 19.8 15.8 23.6



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: 43.05 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

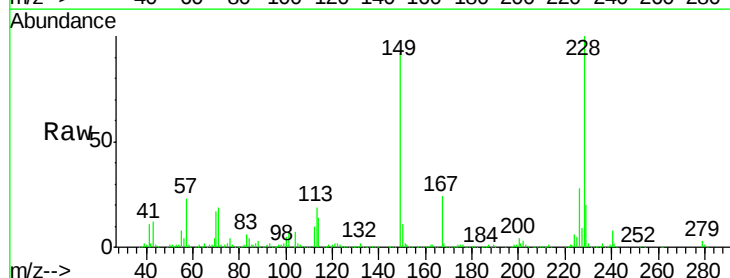
Tgt Ion:149 Resp: 661989

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

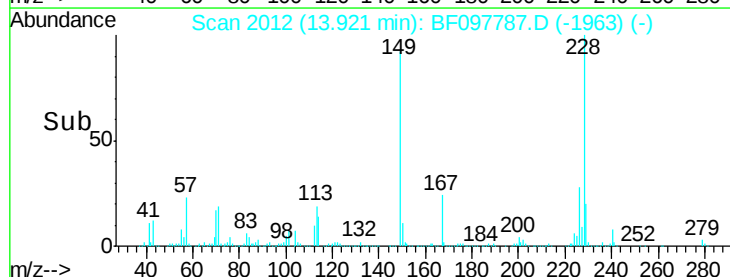
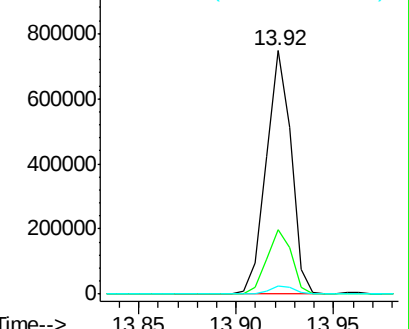
279 3.3 1.9 2.9#

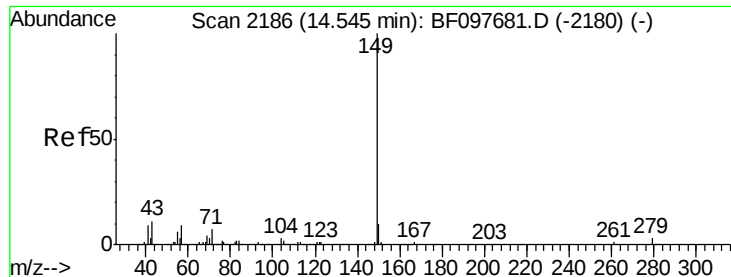


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

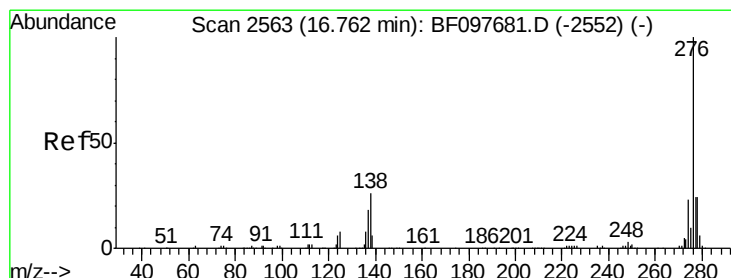
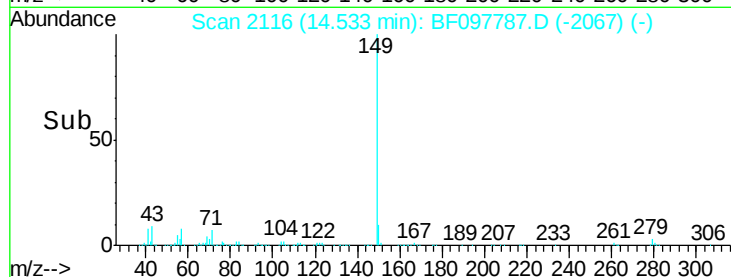
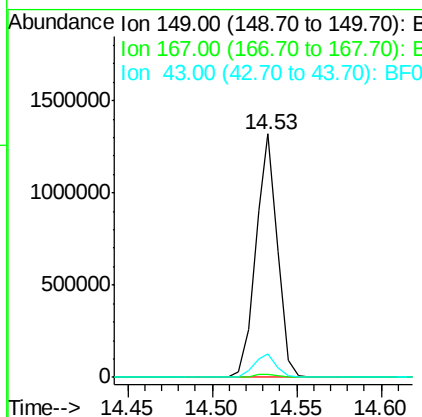
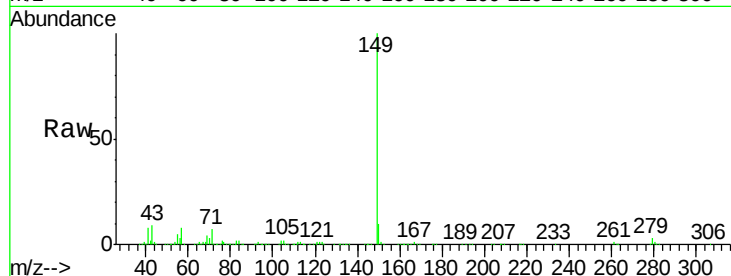




#84
Di-n-octyl phthalate
Concen: 43.56 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

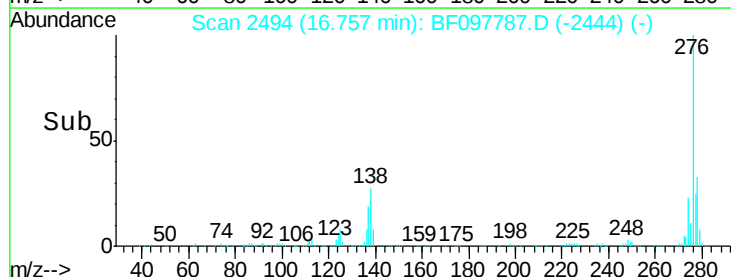
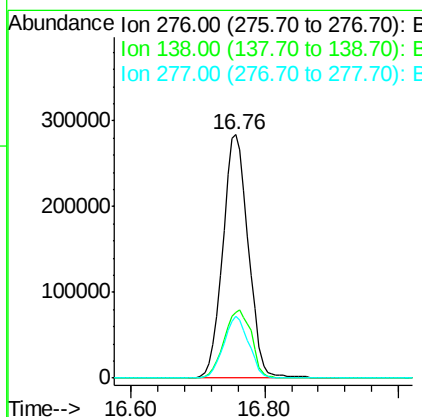
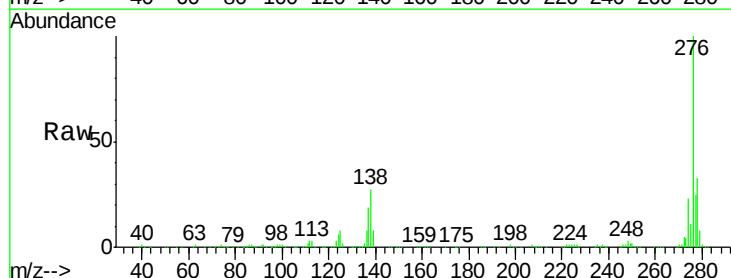
Instrument :
BNA_F
ClientSampleId :
PB101441BS

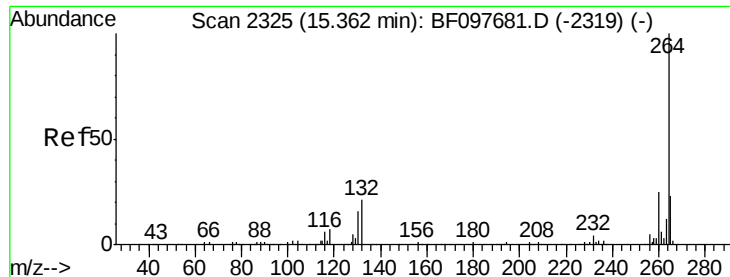
Tot Ion:149 Resp: 1165575
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 39.46 ng
RT: 16.76 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:276 Resp: 765930
Ion Ratio Lower Upper
276 100
138 30.2 27.8 41.6
277 25.1 20.2 30.4

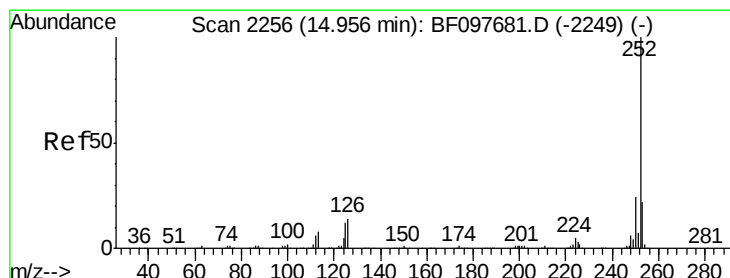
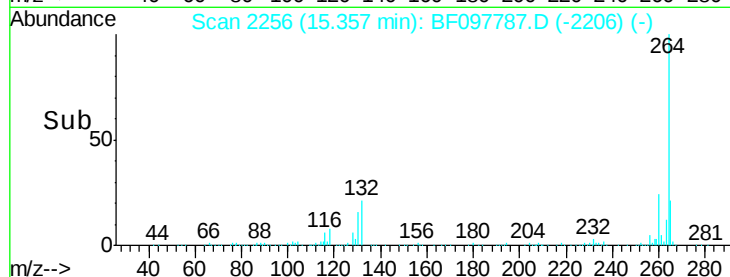
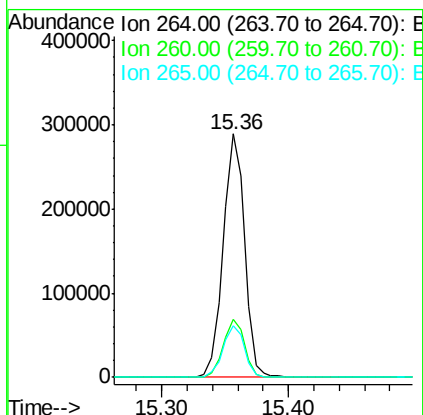
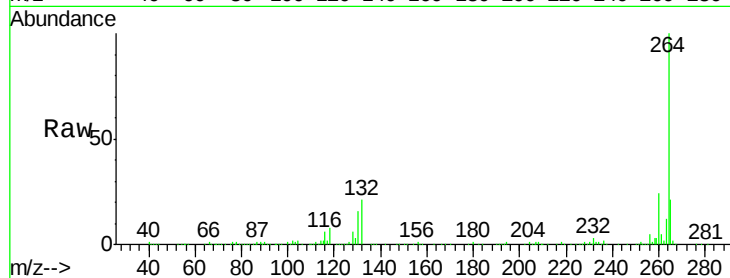




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

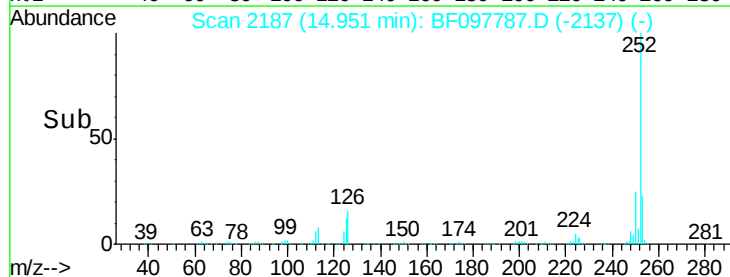
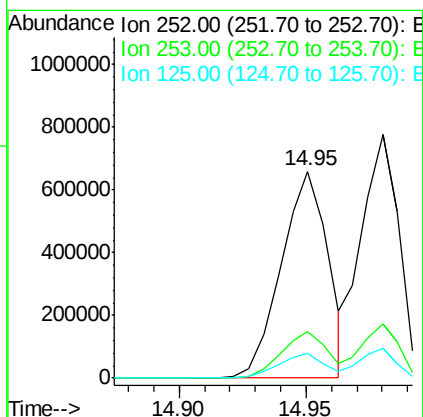
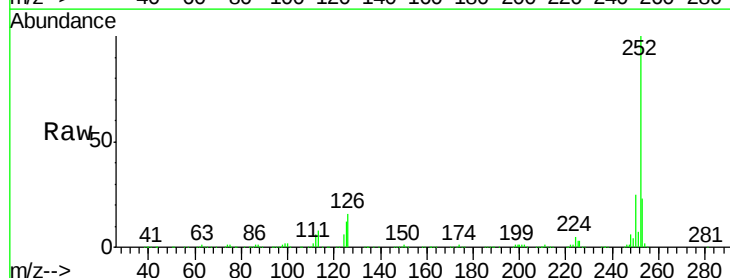
Instrument :
BNA_F
ClientSampleId :
PB101441BS

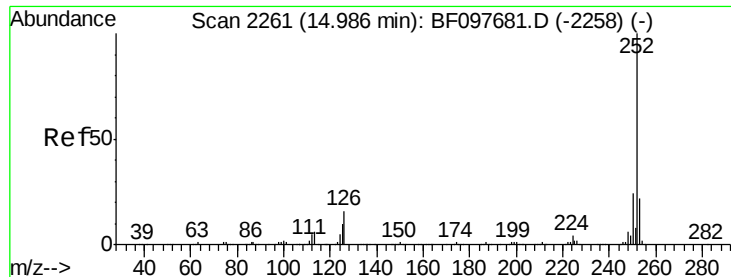
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 39.49 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.8	9.8	14.8

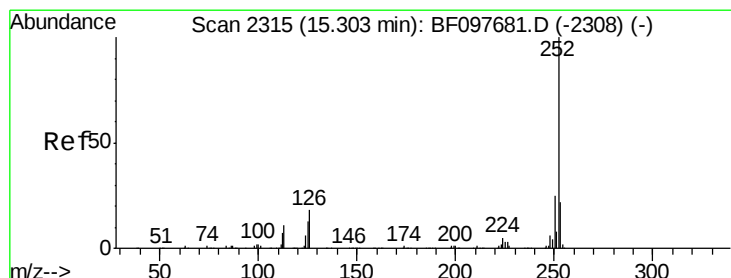
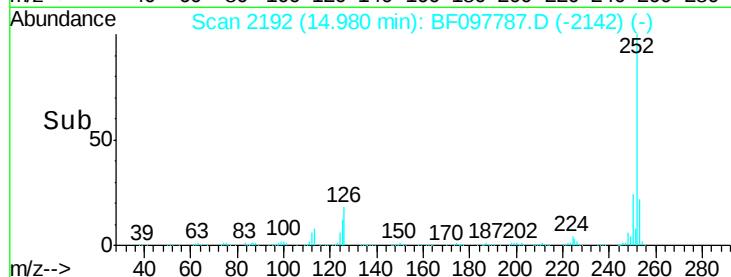
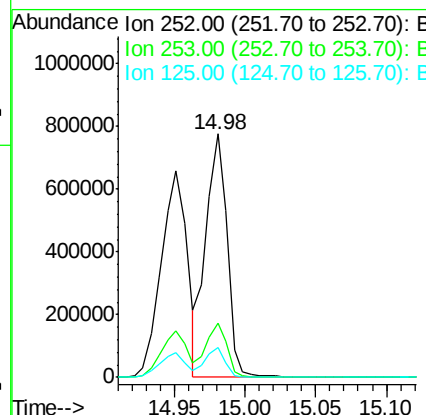
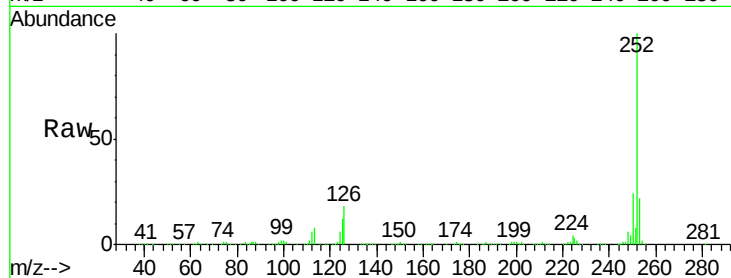




#88
Benzo(k)fluoranthene
Concen: 40.64 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

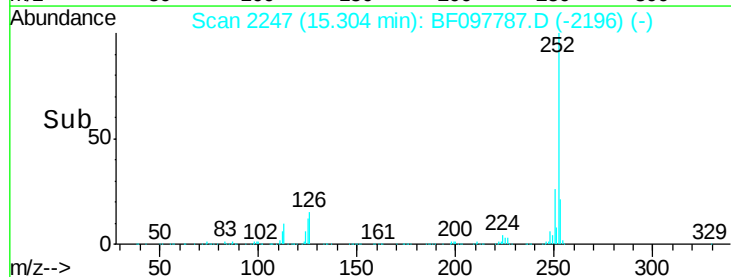
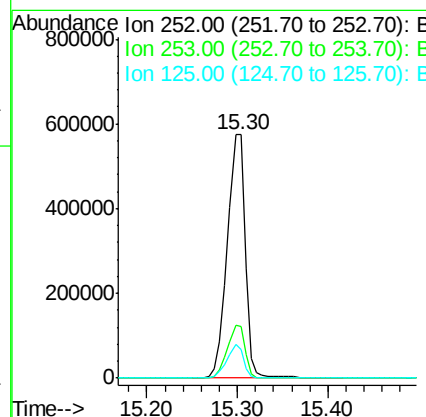
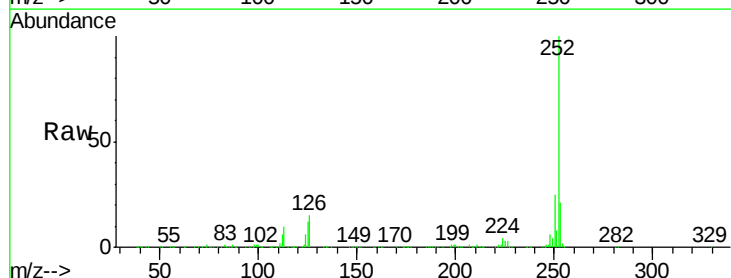
Instrument :
BNA_F
ClientSampleId :
PB101441BS

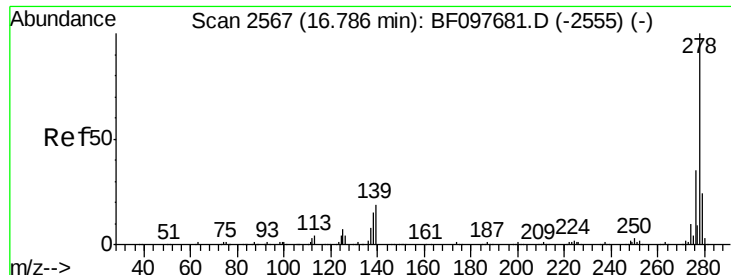
Tot Ion:252 Resp: 814655
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 12.3 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 41.77 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:252 Resp: 788968
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 11.9 11.0 16.4



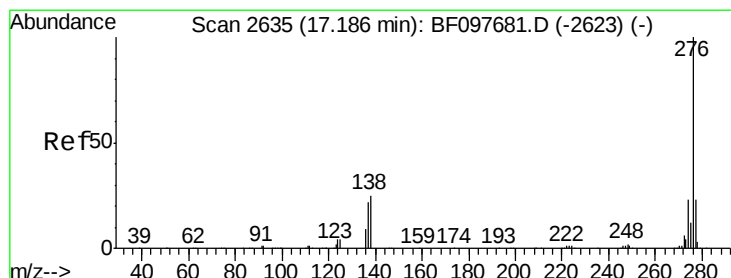
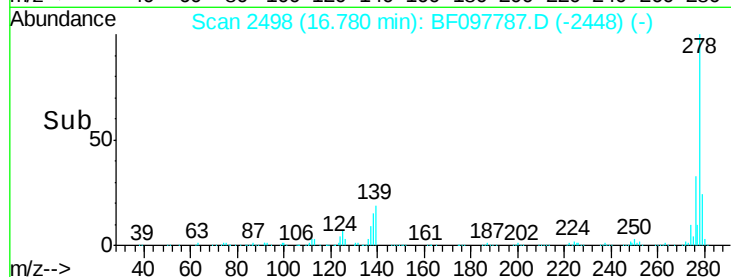
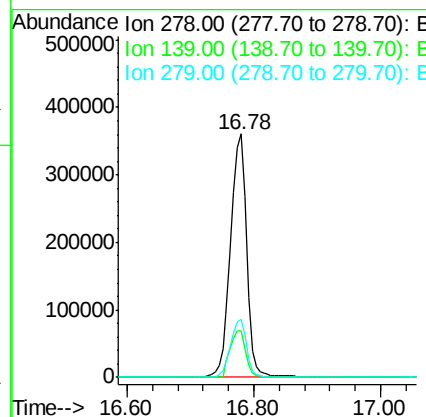
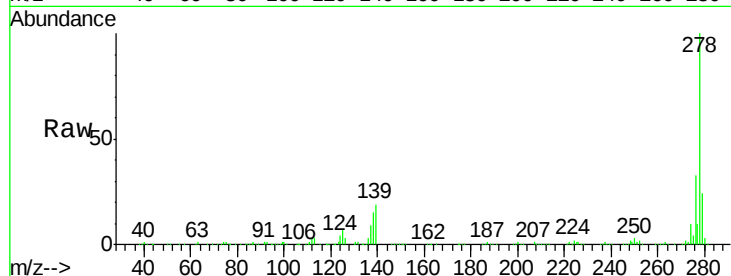


#90
Dibenzo(a,h)anthracene
Concen: 41.56 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion:278 Resp: 638939

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	24.8
279	23.6	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 39.69 ng
RT: 17.18 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:276 Resp: 636786

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	25.6	25.4	38.0

