

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098381.D
 Acq On : 9 Sep 2017 13:06
 Operator : SJ/JU
 Sample : PB102149BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:30:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	100242	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	411824	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	191261	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	376277	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	266141	20.00	ng	-0.04
86) Perylene-d12	15.23	264	198728	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	785999	119.27	ng	0.00
7) Phenol-d6	6.34	99	1036135	115.71	ng	-0.01
23) Nitrobenzene-d5	7.25	82	683117	90.11	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	235841	142.12	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1089709	83.71	ng	-0.03
78) Terphenyl-d14	12.77	244	977353	76.58	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	126470	34.411	ng	85
3) Pyridine	3.08	79	355759	35.014	ng	# 83
4) n-Nitrosodimethylamine	3.05	42	121206	31.003	ng	# 62
6) Aniline	6.35	93	327083	26.003	ng	# 23
8) 2-Chlorophenol	6.47	128	285267	41.045	ng	99
9) Benzaldehyde	6.22	77	63559	11.206	ng	90
10) Phenol	6.35	94	392432	37.473	ng	94
11) bis(2-Chloroethyl)ether	6.42	93	313382	39.648	ng	93
12) 1,3-Dichlorobenzene	6.62	146	290532	38.863	ng	96
13) 1,4-Dichlorobenzene	6.69	146	294888	38.784	ng	# 93
14) 1,2-Dichlorobenzene	6.85	146	271817	38.772	ng	99
15) Benzyl Alcohol	6.83	79	245792	36.664	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	363787	34.207	ng	63
17) 2-Methylphenol	6.95	107	255474	41.712	ng	# 91
18) Hexachloroethane	7.19	117	116469	39.071	ng	# 84
19) n-Nitroso-di-n-propylamine	7.10	70	226348	36.927	ng	# 88
20) 3+4-Methylphenols	7.11	107	336722	45.012	ng	# 64
22) Acetophenone	7.09	105	425877	39.145	ng	# 82
24) Nitrobenzene	7.27	77	350009	41.467	ng	99
25) Isophorone	7.50	82	640000	40.601	ng	97
26) 2-Nitrophenol	7.58	139	154519	50.252	ng	# 85
27) 2,4-Dimethylphenol	7.63	122	271526	41.302	ng	93
28) bis(2-Chloroethoxy)methane	7.72	93	413548	39.905	ng	98
29) 2,4-Dichlorophenol	7.83	162	239790	43.940	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	240964	39.831	ng	99
31) Naphthalene	7.98	128	850074	39.761	ng	100
32) Benzoic acid	7.78	122	139660	31.671	ng	93
33) 4-Chloroaniline	8.03	127	253450	28.109	ng	98
34) Hexachlorobutadiene	8.10	225	137779	39.007	ng	99
35) Caprolactam	8.42	113	48245	26.005	ng	92
36) 4-Chloro-3-methylphenol	8.53	107	293257	41.826	ng	# 79
37) 2-Methylnaphthalene	8.67	142	566524	43.220	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	230847	39.328	ng	98
40) Hexachlorocyclopentadiene	8.82	237	198758	70.485	ng	100

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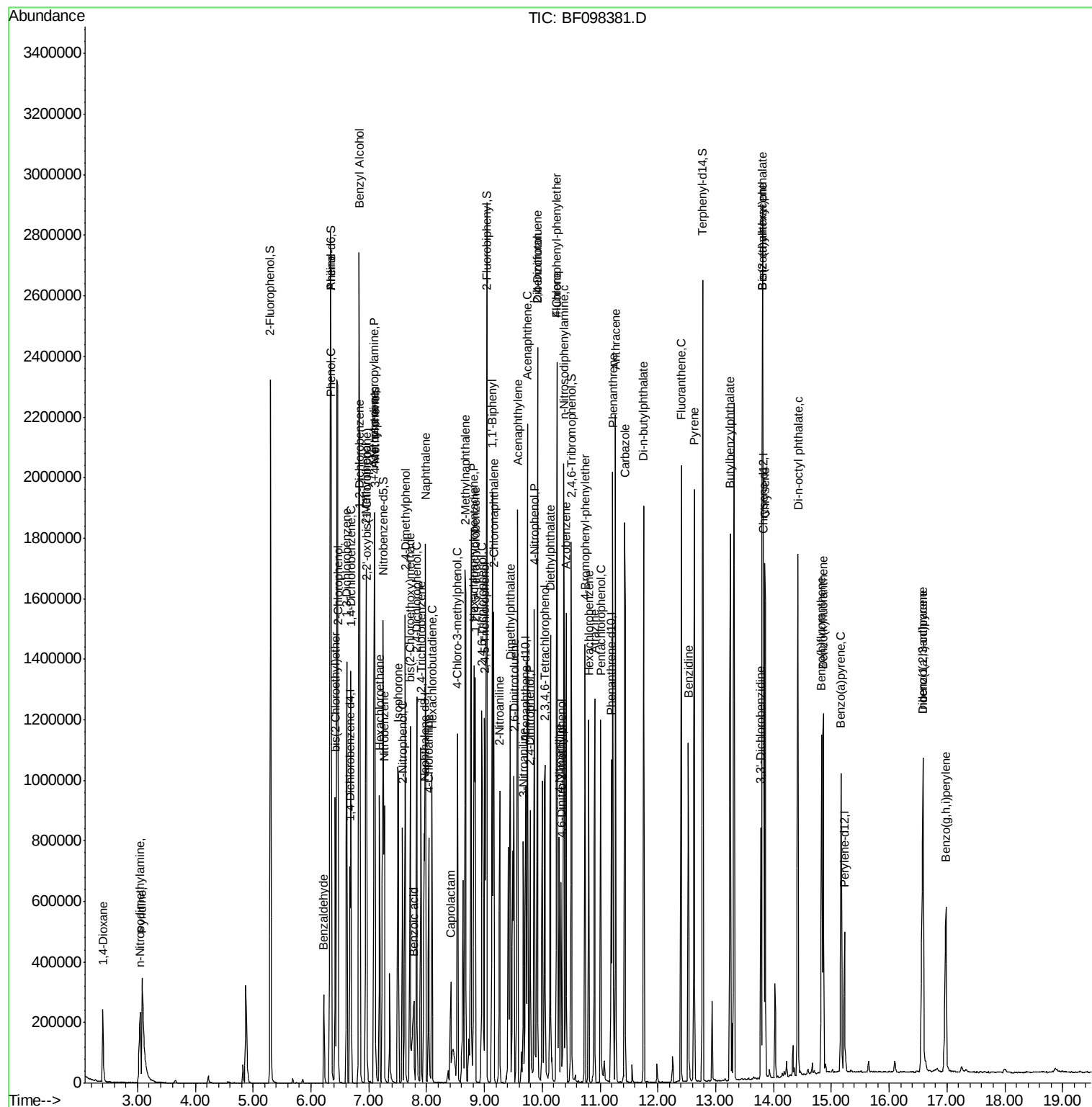
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	157131	39.873	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	165437	42.316	nq	96
45) 1,1'-Biphenyl	9.14	154	669559	38.389	nq	97
46) 2-Chloronaphthalene	9.16	162	494812	38.397	nq	94
47) 2-Nitroaniline	9.26	65	182967	42.351	nq	96
48) Acenaphthylene	9.57	152	799308	39.497	nq	99
49) Dimethylphthalate	9.44	163	613107	43.854	nq	99
50) 2,6-Dinitrotoluene	9.51	165	130869	46.895	nq #	85
51) Acenaphthene	9.74	154	481724	37.743	nq	100
52) 3-Nitroaniline	9.67	138	115325	32.030	nq	91
53) 2,4-Dinitrophenol	9.79	184	110054	82.536	nq #	76
54) Dibenzofuran	9.92	168	710268	41.523	nq	99
55) 4-Nitrophenol	9.86	139	173940	60.561	nq #	51
56) 2,4-Dinitrotoluene	9.92	165	159770	45.620	nq #	57
57) Fluorene	10.26	166	547708	41.414	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.04	232	137390	45.390	nq	90
59) Diethylphthalate	10.14	149	620143	42.417	nq	100
60) 4-Chlorophenyl-phenylether	10.25	204	260402	42.383	nq #	87
61) 4-Nitroaniline	10.29	138	154162	45.050	nq	78
62) Azobenzene	10.41	77	702920	40.476	nq	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	82261	46.672	nq #	73
65) n-Nitrosodiphenylamine	10.37	169	511493	39.919	nq	98
66) 4-Bromophenyl-phenylether	10.74	248	163351	41.806	nq	94
67) Hexachlorobenzene	10.80	284	161540	40.561	nq #	87
68) Atrazine	10.90	200	155872	45.870	nq	96
69) Pentachlorophenol	11.01	266	139179	59.936	nq	99
70) Phenanthrene	11.22	178	806262	40.211	nq	100
71) Anthracene	11.27	178	833747	40.997	nq	99
72) Carbazole	11.43	167	777016	40.252	nq	98
73) Di-n-butylphthalate	11.76	149	982509	44.187	nq	100
74) Fluoranthene	12.40	202	853105	40.763	nq	99
76) Benzidine	12.53	184	391256	44.837	nq #	92
77) Pyrene	12.63	202	858695	39.449	nq	98
79) Butylbenzylphthalate	13.25	149	407061	48.775	nq #	77
80) Benzo(a)anthracene	13.82	228	603789	37.853	nq	99
81) 3,3'-Dichlorobenzidine	13.78	252	154621	28.727	nq #	96
82) Chrysene	13.85	228	613960	38.693	nq	100
83) Bis(2-ethylhexyl)phthalate	13.81	149	518086	56.022	nq #	99
84) Di-n-octyl phthalate	14.42	149	885659	55.041	nq	97
85) Indeno(1,2,3-cd)pyrene	16.58	276	511788	43.845	nq	95
87) Benzo(b)fluoranthene	14.83	252	518716	41.410	nq	98
88) Benzo(k)fluoranthene	14.86	252	485074	41.217	nq #	93
89) Benzo(a)pyrene	15.17	252	477694	43.077	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	420625	46.591	nq	98
91) Benzo(g,h,i)perylene	16.98	276	441140	46.830	nq	95

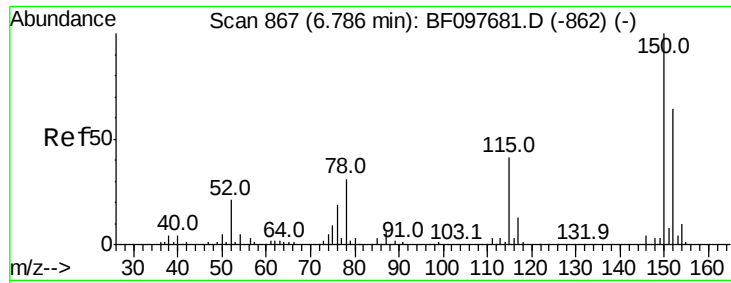
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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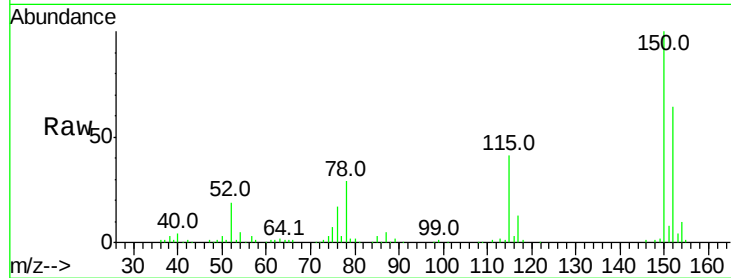


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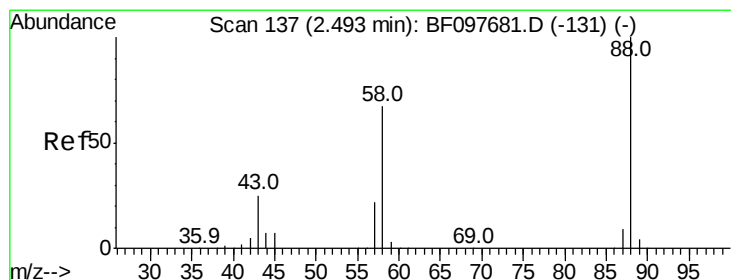
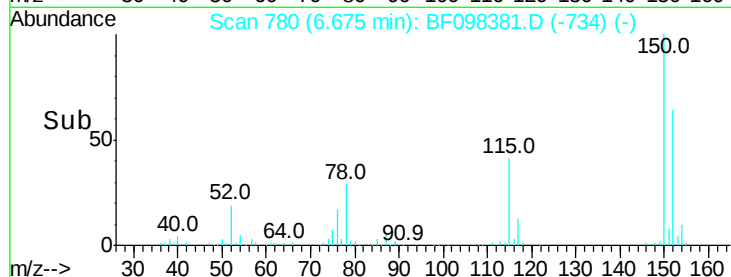
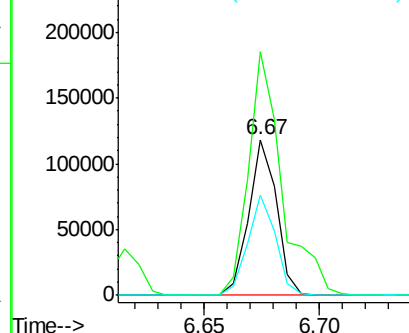
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 100242
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 64.1 52.2 78.2



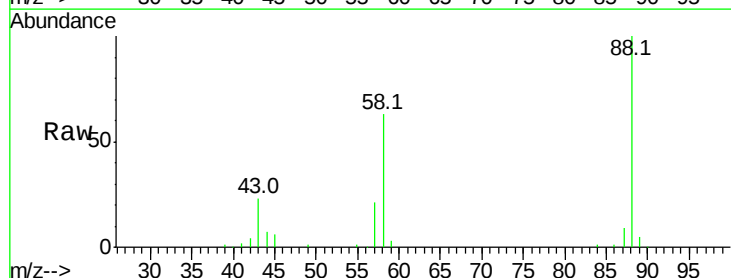
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



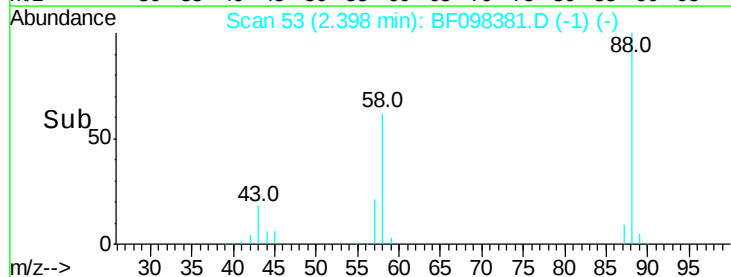
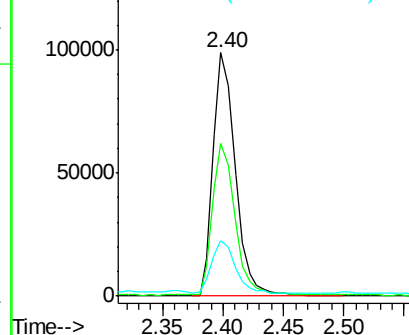
#2

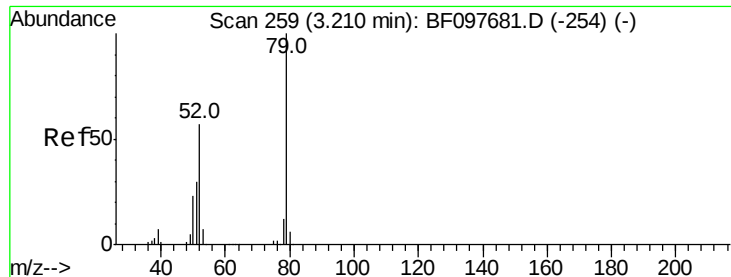
1,4-Dioxane
Concen: 34.411 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.08 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion: 88 Resp: 126470
Ion Ratio Lower Upper
88 100
58 62.4 61.4 92.0
43 23.5 23.4 35.0



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

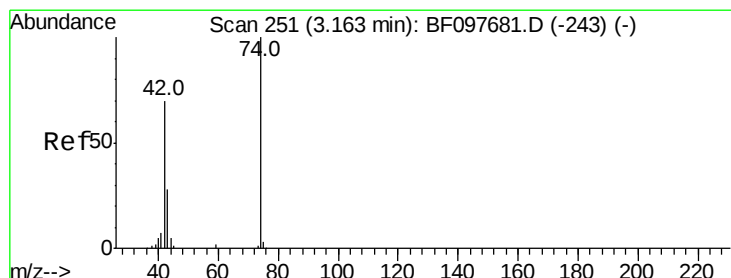
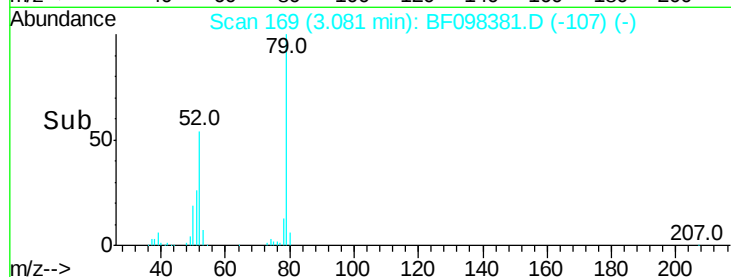
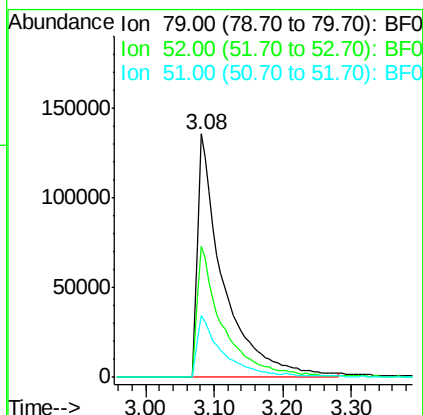
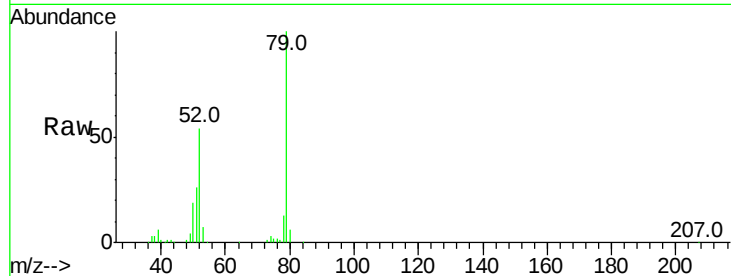




#3
 Pvridine
 Concen: 35.014 ng
 RT: 3.08 min Scan# 169
 Delta R.T. 0.06 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

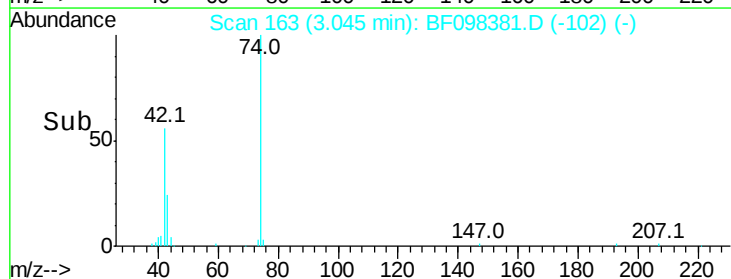
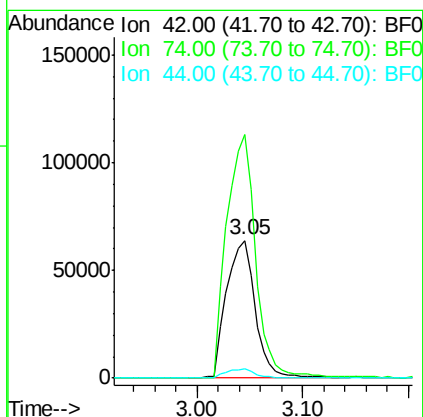
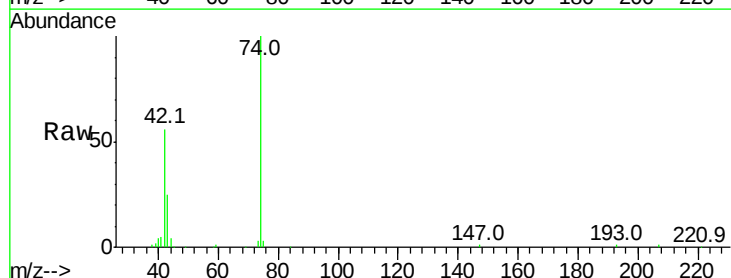
Instrument :
 BNA_F
 ClientSampleId :

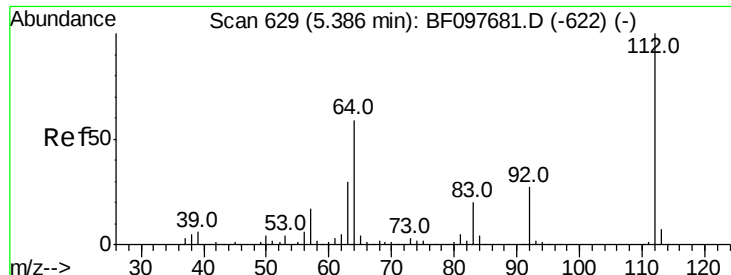
Tot Ion: 79 Resp: 355759
 Ion Ratio Lower Upper
 79 100
 52 53.7 54.8 82.2#
 51 25.6 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 31.003 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.06 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion: 42 Resp: 121206
 Ion Ratio Lower Upper
 42 100
 74 177.0 103.9 155.9#
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 119.268 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampled :

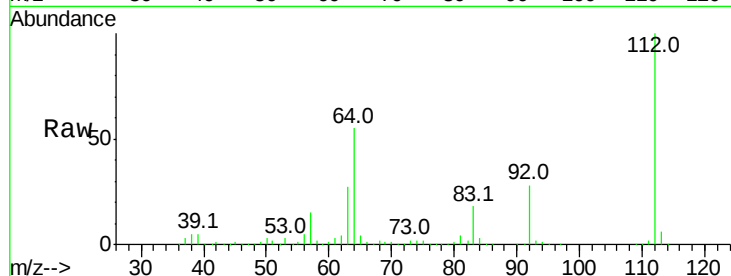
Tot Ion:112 Resp: 785999

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

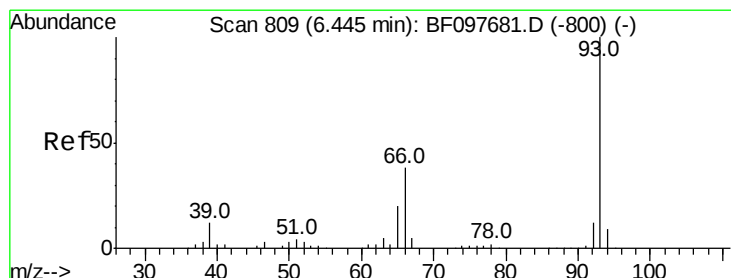
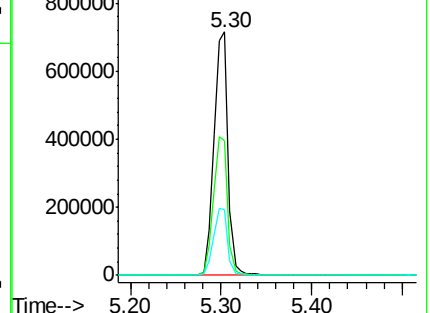
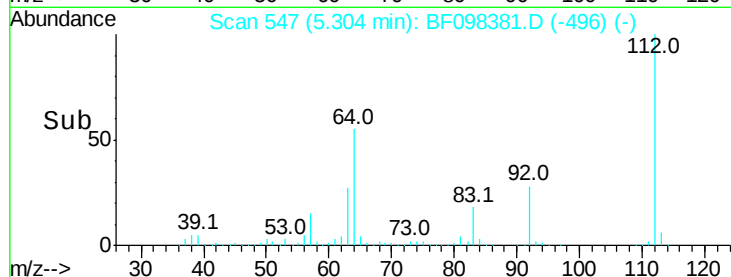
63 26.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.003 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

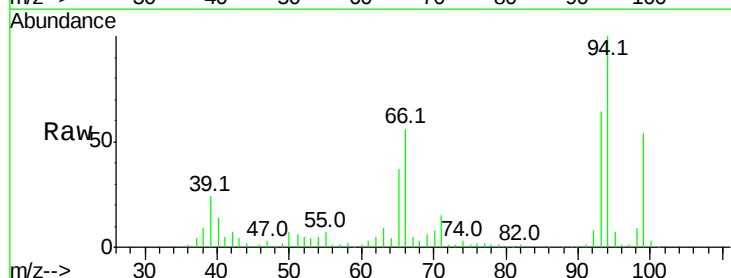
Tgt Ion: 93 Resp: 327083

Ion Ratio Lower Upper

93 100

66 88.0 32.9 49.3#

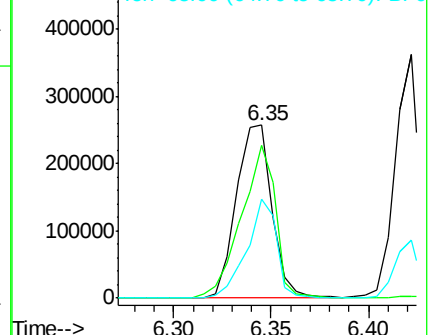
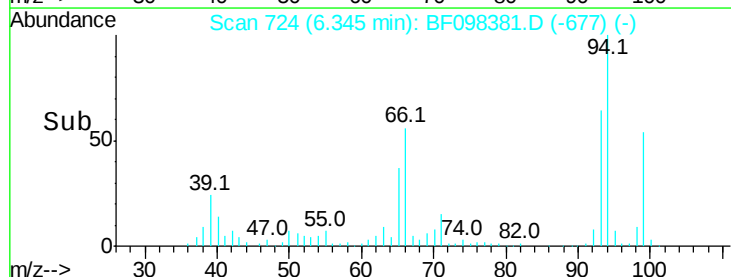
65 57.1 16.0 24.0#

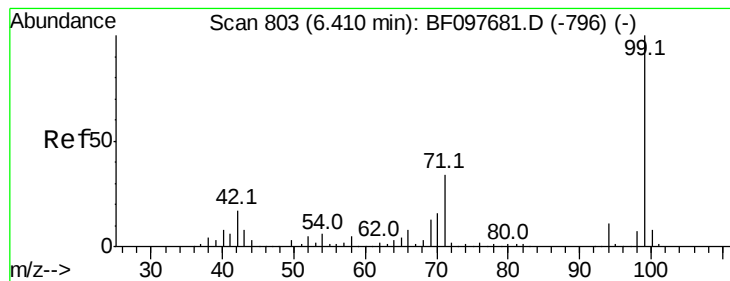


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.715 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

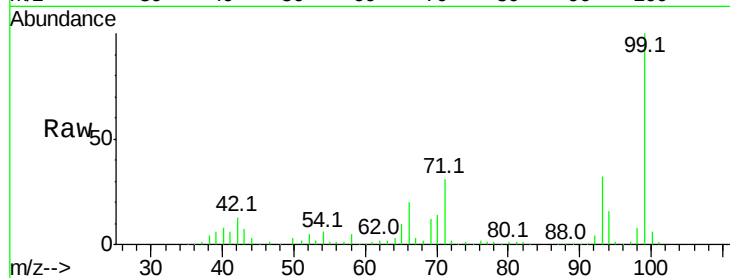
Instrument :

BNA_F

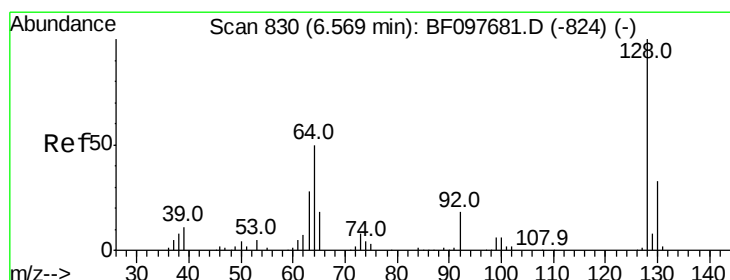
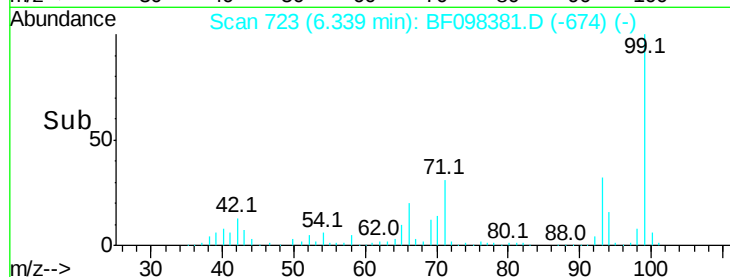
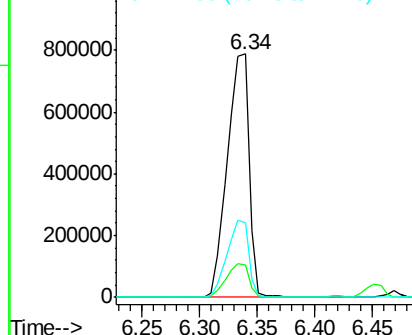
ClientSampled :

Tot Ion: 99 Resp: 1036135

Ion	Ratio	Lower	Upper
99	100		
42	13.4	13.5	20.3#
71	30.5	24.5	36.7



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



#8

2-Chlorophenol

Concen: 41.045 ng

RT: 6.47 min Scan# 745

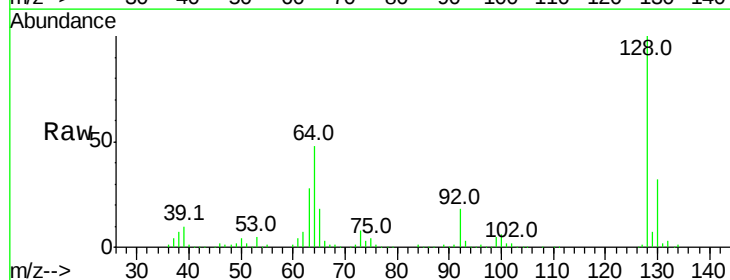
Delta R.T. -0.02 min

Lab File: BF098381.D

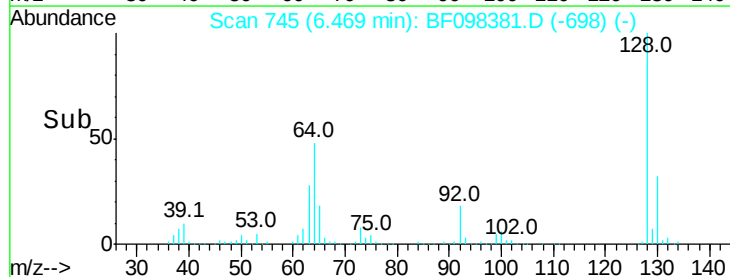
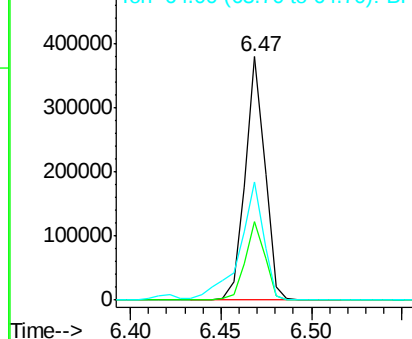
Acq: 9 Sep 2017 13:06

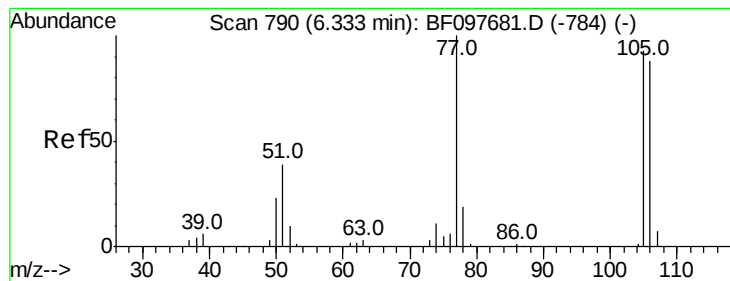
Tgt Ion:128 Resp: 285267

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	48.3	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: 11.206 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

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ClientSampleId :

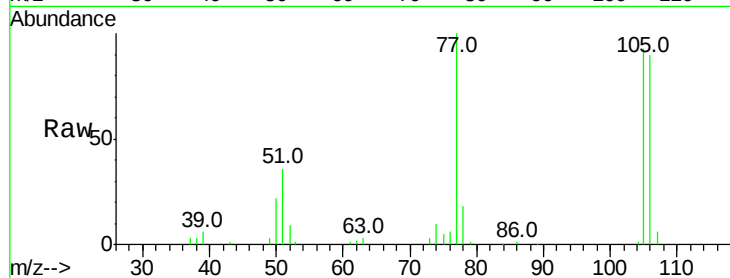
Tot Ion: 77 Resp: 63559

Ion Ratio Lower Upper

77 100

105 92.9 83.8 123.8

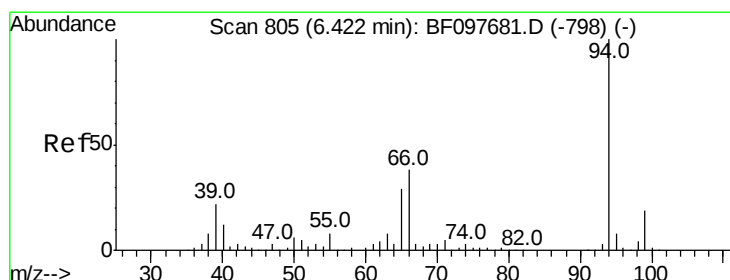
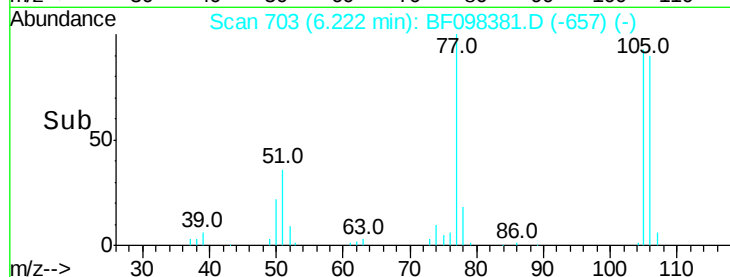
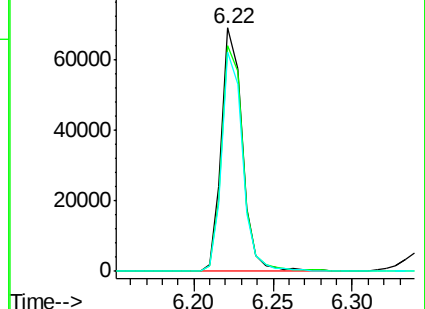
106 90.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.473 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

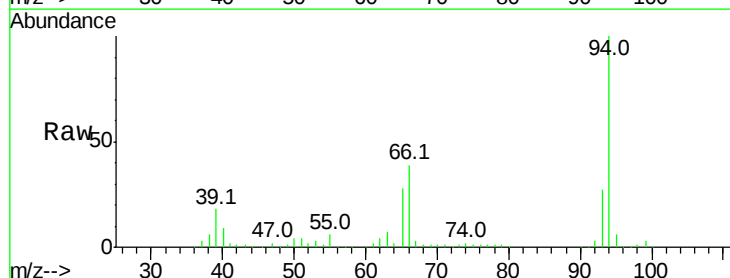
Tgt Ion: 94 Resp: 392432

Ion Ratio Lower Upper

94 100

65 27.6 9.9 49.9

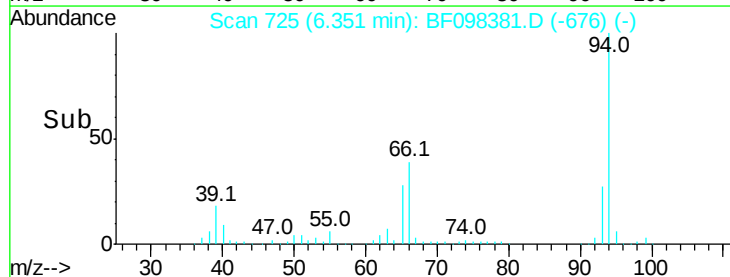
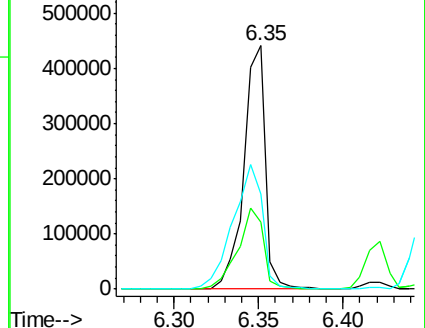
66 38.8 23.1 63.1

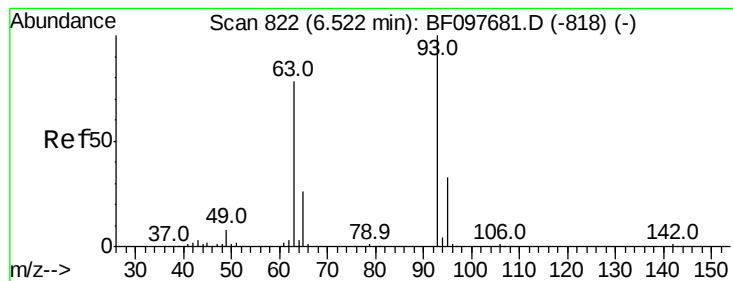


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.648 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampled :

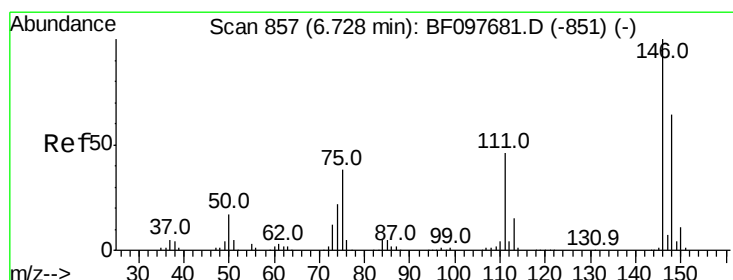
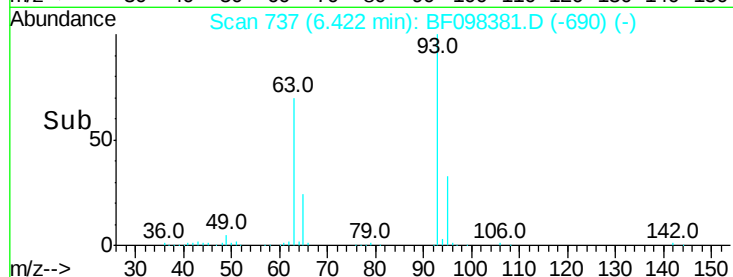
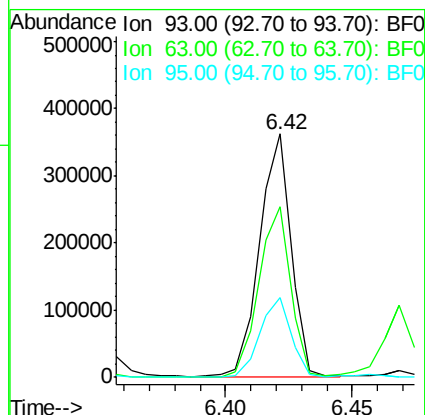
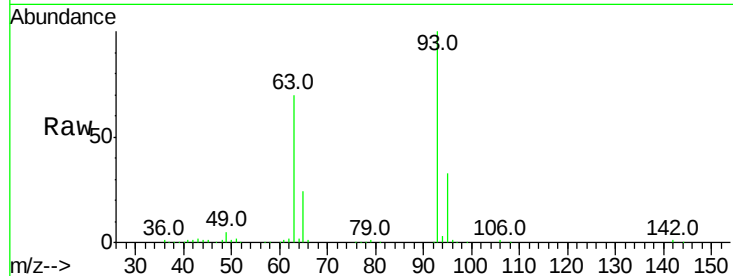
Tot Ion: 93 Resp: 313382

Ion Ratio Lower Upper

93 100

63 70.1 59.2 99.2

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.863 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

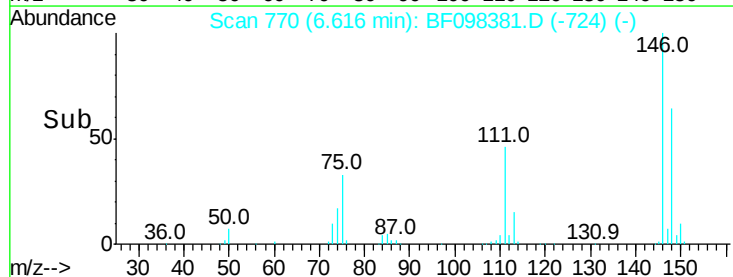
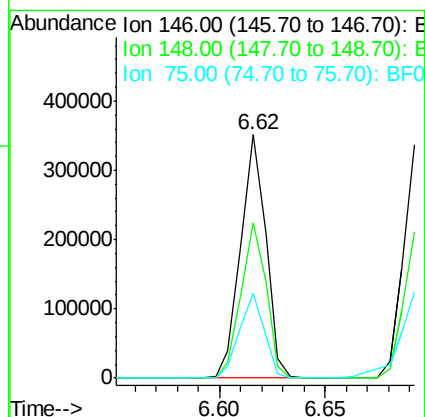
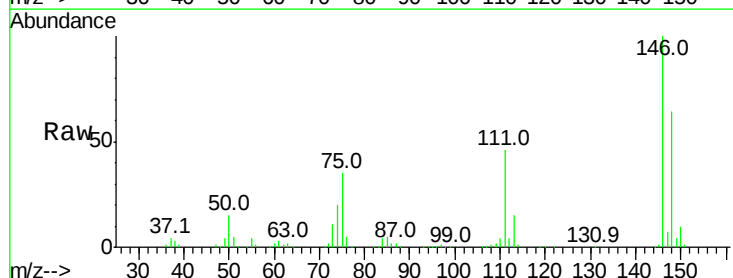
Tgt Ion: 146 Resp: 290532

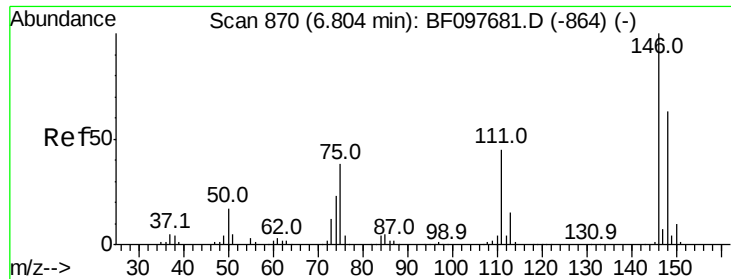
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 34.6 23.1 34.7

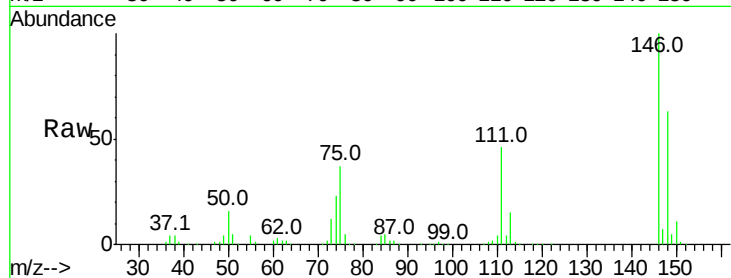




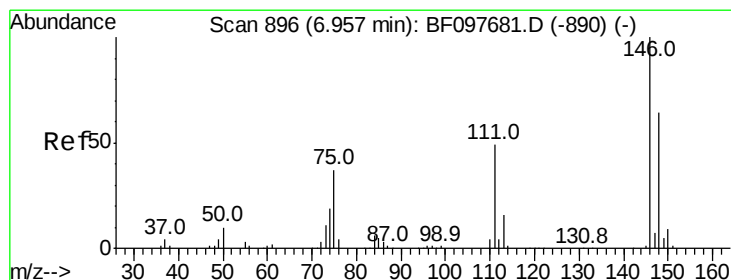
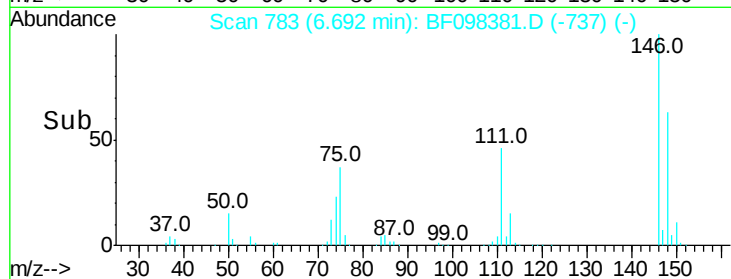
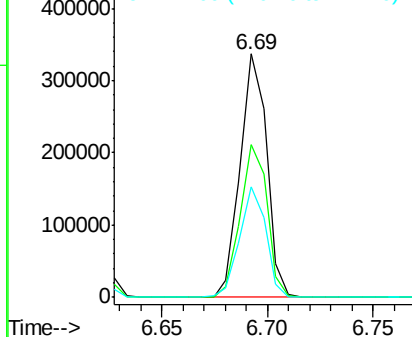
#13
 1,4-Dichlorobenzene
 Concen: 38.784 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 294888
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 45.5 30.3 45.5#

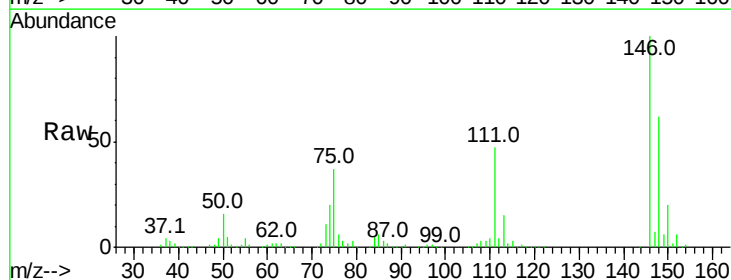


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

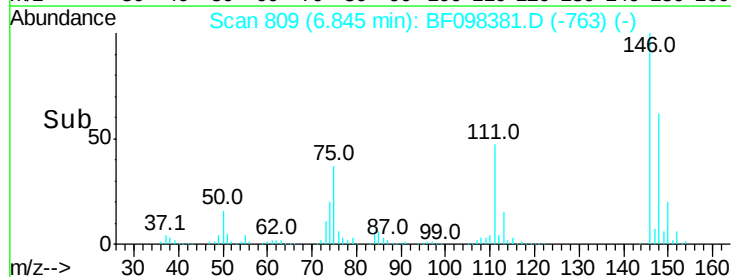
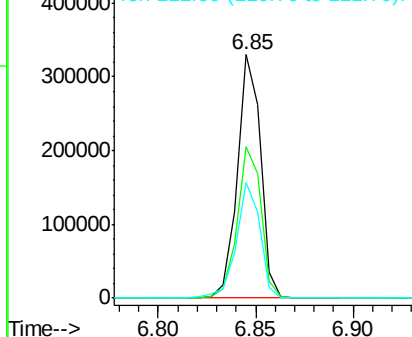


#14
 1,2-Dichlorobenzene
 Concen: 38.772 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion:146 Resp: 271817
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.4 75.6
 111 47.2 38.2 57.4



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

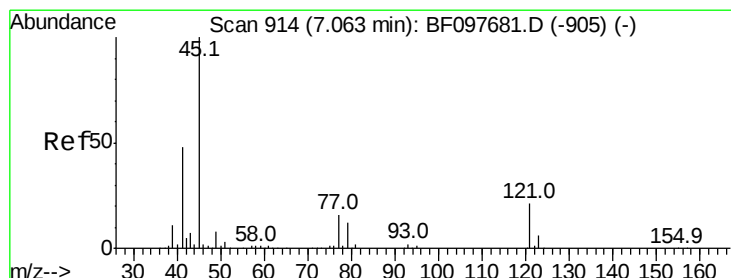
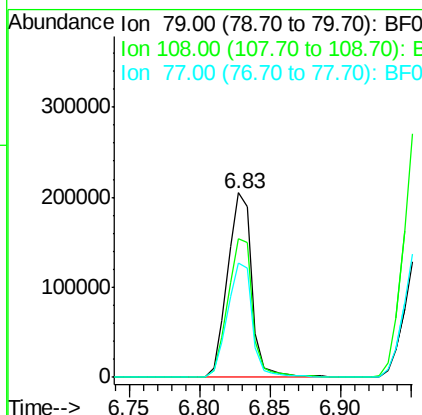
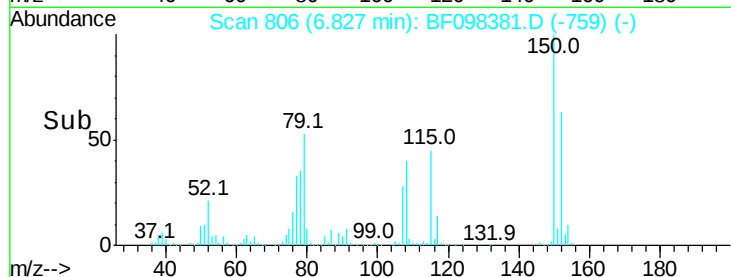
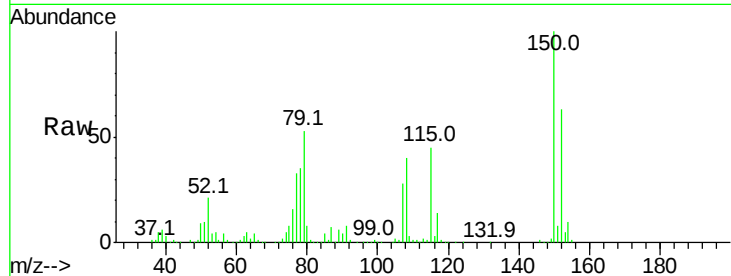




#15
Benzyl Alcohol
Concen: 36.664 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

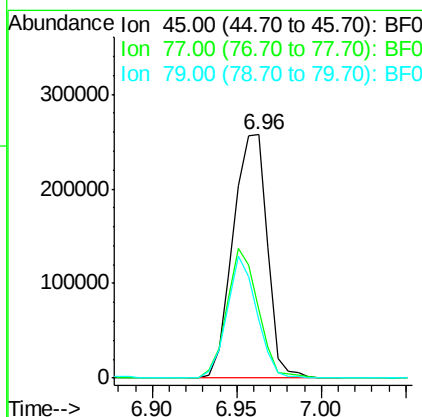
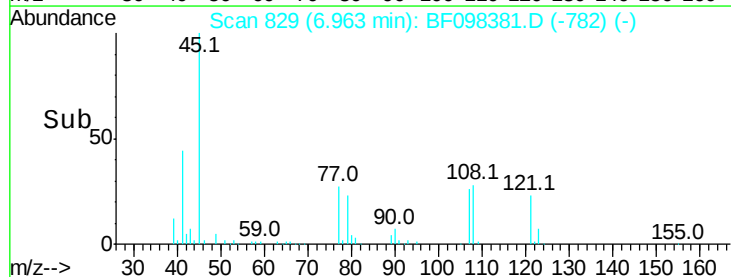
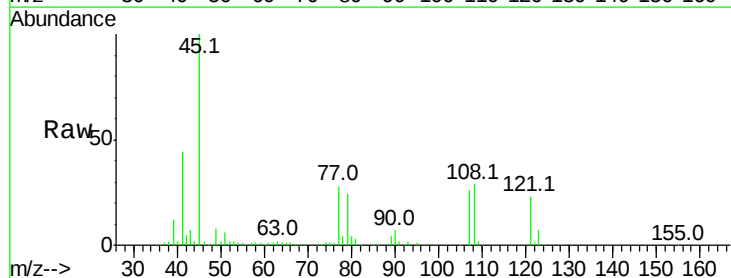
Instrument :
BNA_F
ClientSampleId :

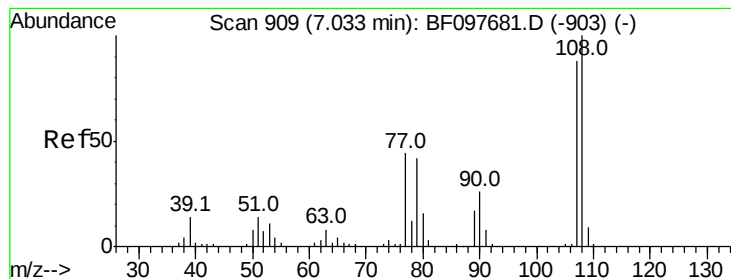
Tot Ion: 79 Resp: 245792
Ion Ratio Lower Upper
79 100
108 75.0 63.4 95.0
77 61.9 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.207 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion: 45 Resp: 363787
Ion Ratio Lower Upper
45 100
77 27.9 0.0 33.2
79 23.6 0.0 30.0

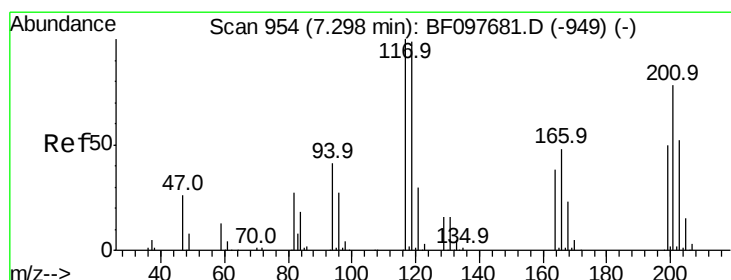
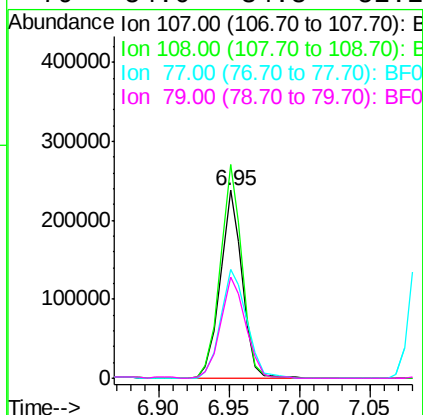
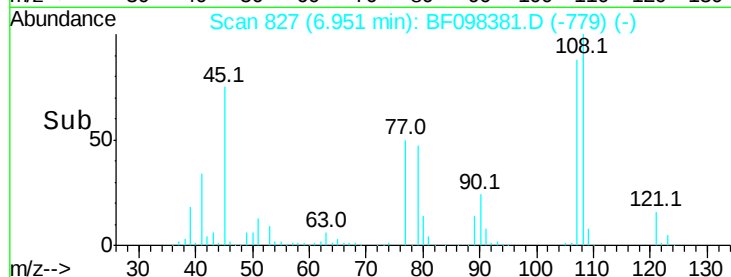
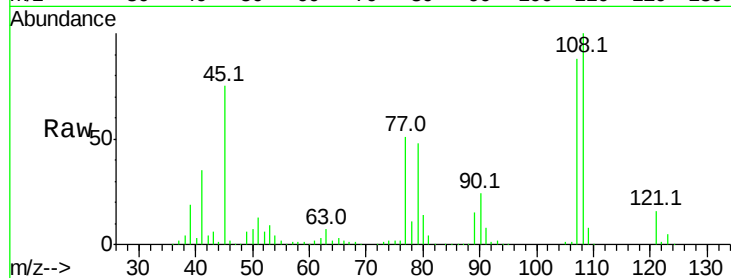




#17
2-Methylphenol
Concen: 41.712 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

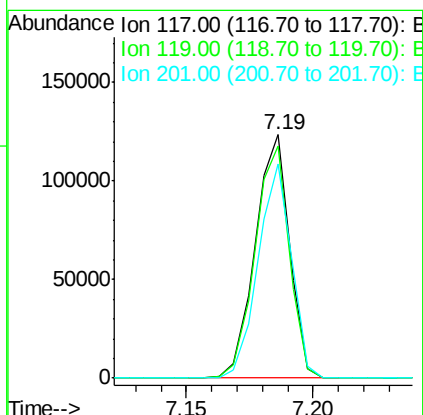
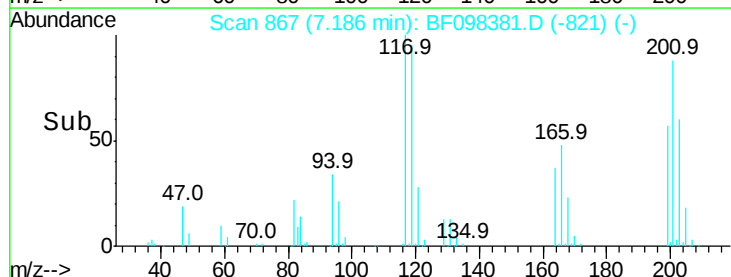
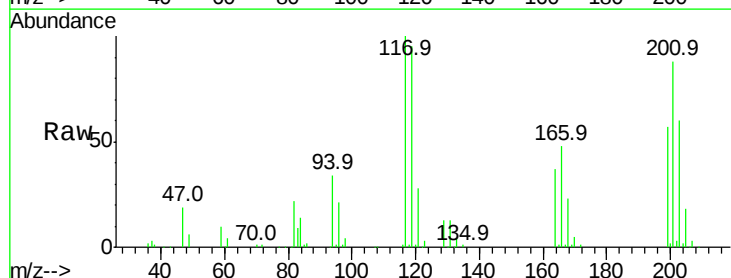
Instrument :
BNA_F
ClientSampleId :

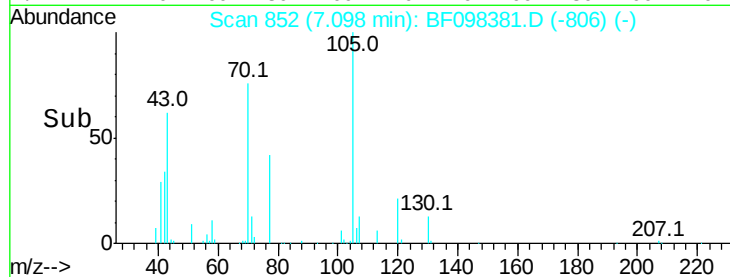
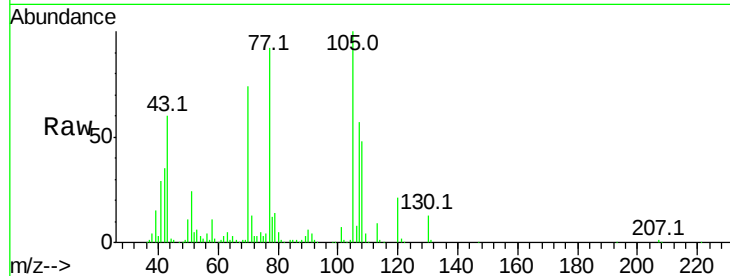
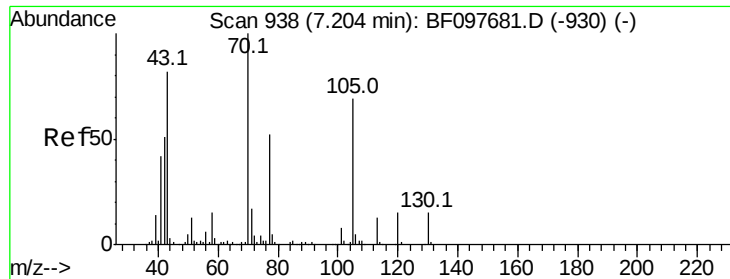
Tot Ion:107 Resp: 255474
Ion Ratio Lower Upper
107 100
108 113.8 93.4 140.0
77 57.8 35.8 53.6#
79 54.0 34.8 52.2#



#18
Hexachloroethane
Concen: 39.071 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:117 Resp: 116469
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
201 87.8 94.6 141.8#

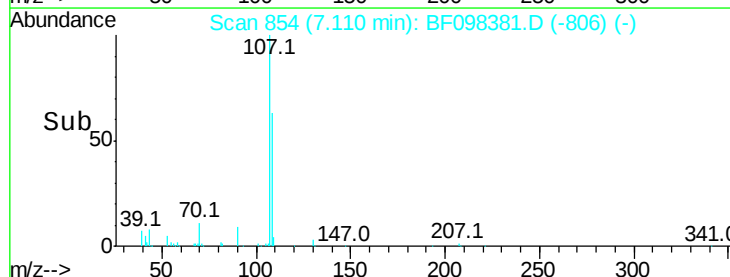
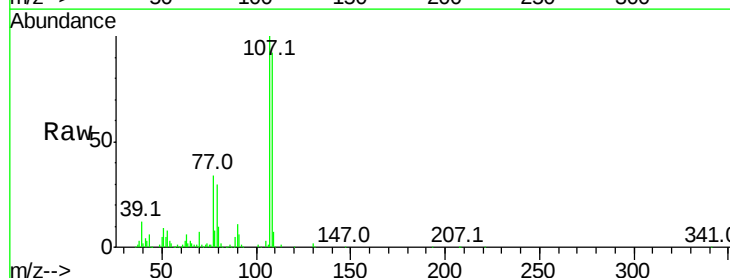
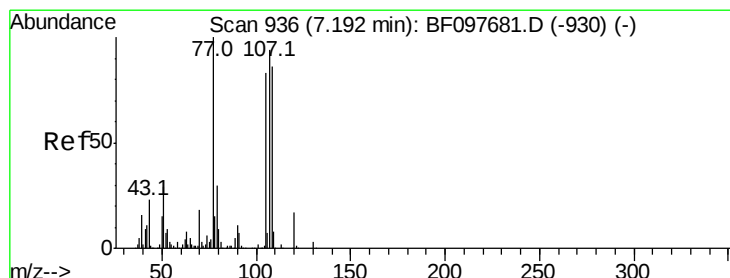
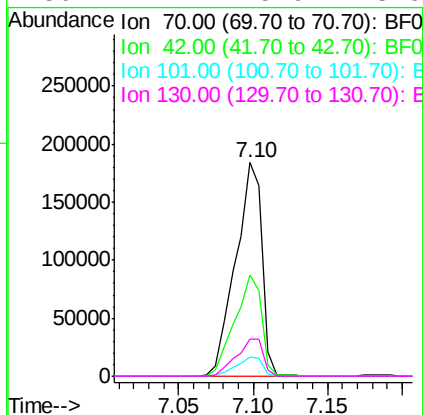




#19
n-Nitroso-di-n-propylamine
Concen: 36.927 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

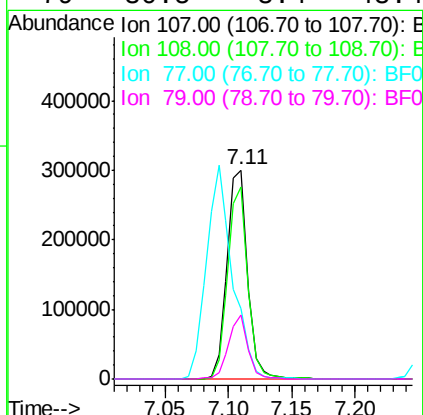
Instrument :
BNA_F
ClientSampleId :

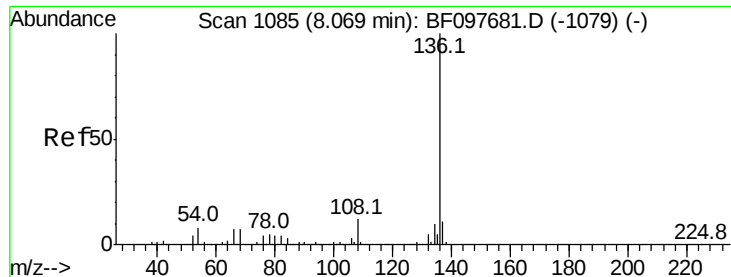
Tot Ion: 70 Resp: 226348
Ion Ratio Lower Upper
70 100
42 47.1 47.2 70.8#
101 8.8 7.2 10.8
130 17.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.012 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:107 Resp: 336722
Ion Ratio Lower Upper
107 100
108 91.6 71.0 111.0
77 33.5 90.5 130.5#
79 30.5 8.4 48.4

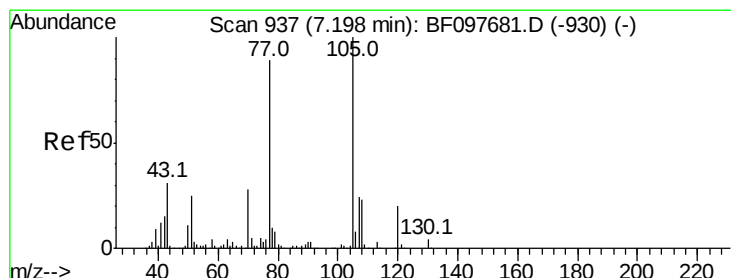
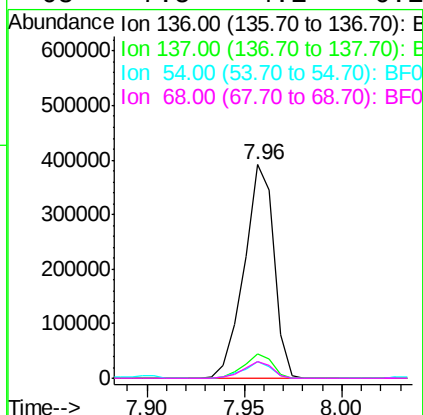
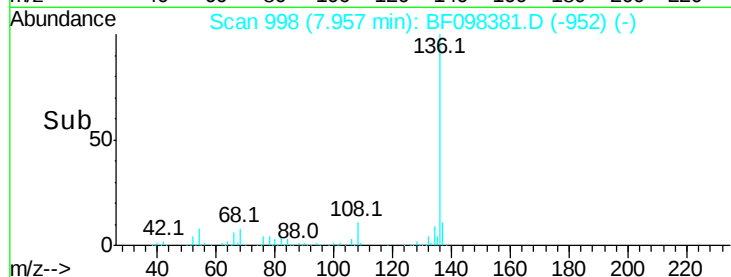
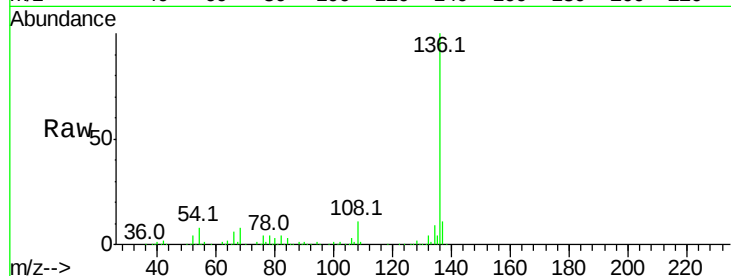




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

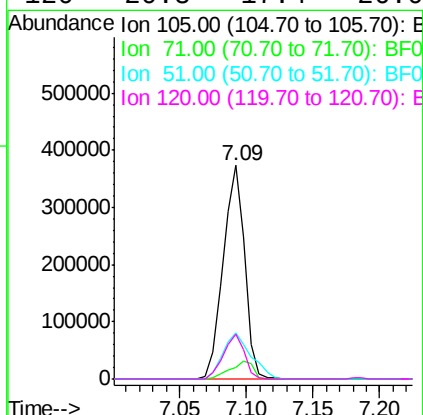
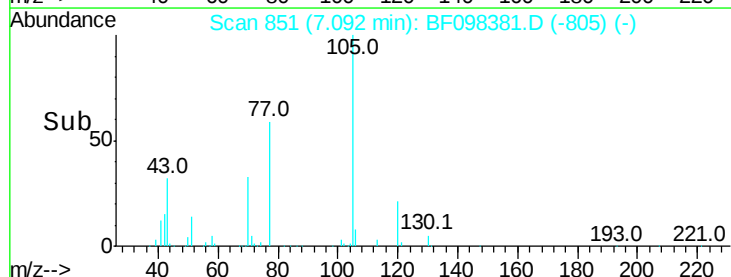
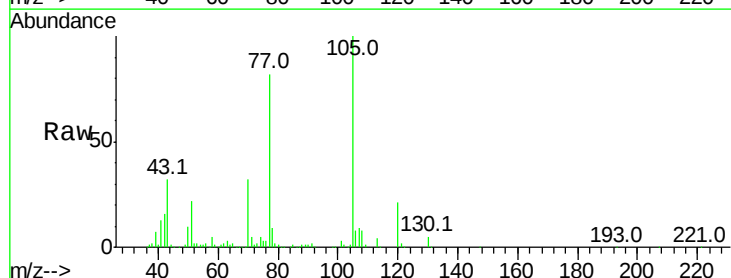
Instrument :
BNA_F
ClientSampleId :

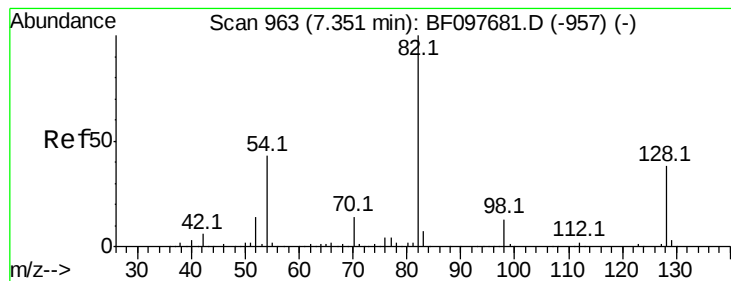
Tot Ion:136	Resp: 411824
Ion Ratio	Lower Upper
136 100	
137 11.2	8.5 12.7
54 7.5	4.9 7.3#
68 7.5	4.1 6.1#



#22
Acetophenone
Concen: 39.145 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:105	Resp: 425877
Ion Ratio	Lower Upper
105 100	
71 5.5	2.8 4.2#
51 21.8	30.7 46.1#
120 20.8	17.4 26.0





#23

Nitrobenzene-d5

Concen: 90.111 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

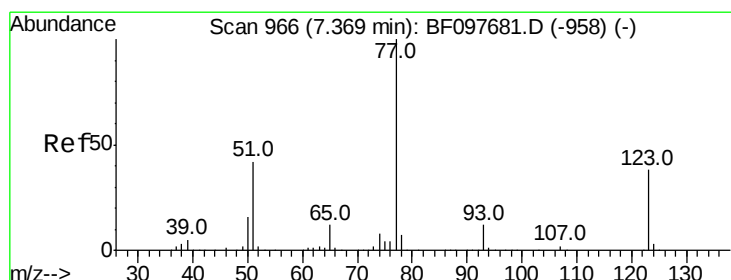
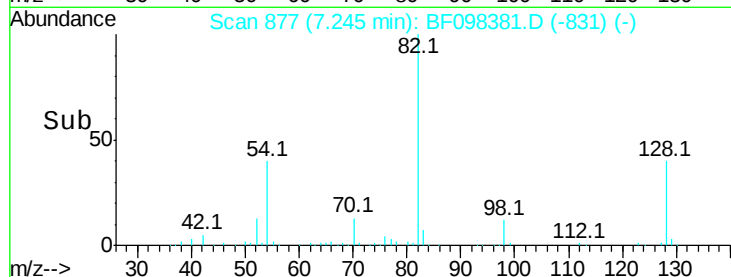
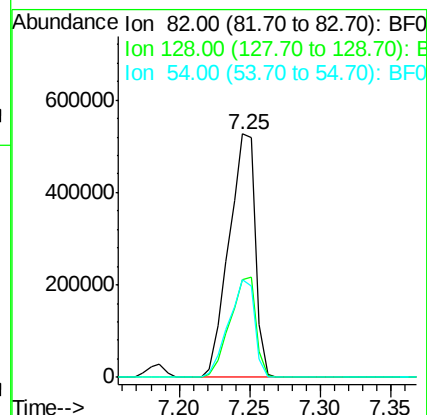
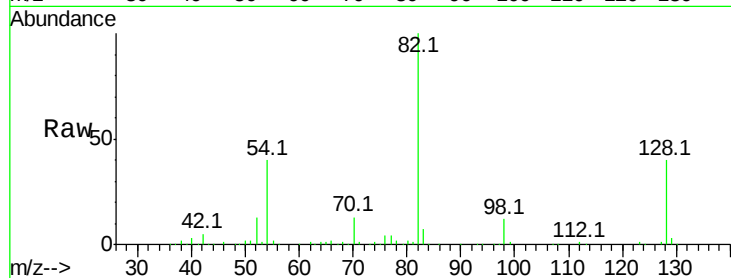
Tot Ion: 82 Resp: 683117

Ion Ratio Lower Upper

82 100

128 39.9 34.0 51.0

54 39.9 42.2 63.2#



#24

Nitrobenzene

Concen: 41.467 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

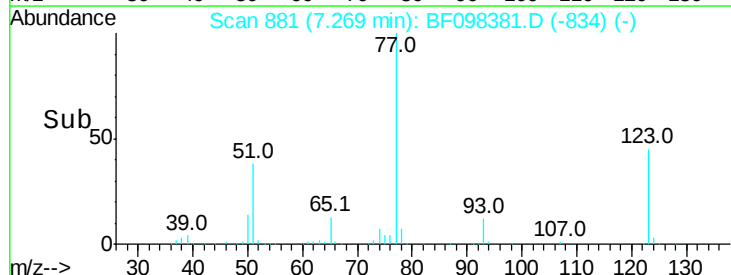
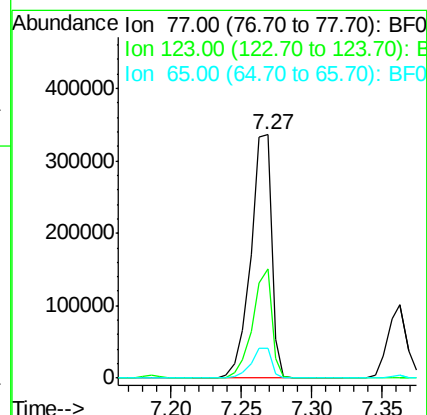
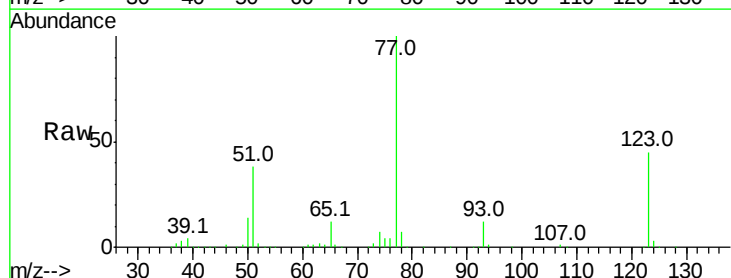
Tgt Ion: 77 Resp: 350009

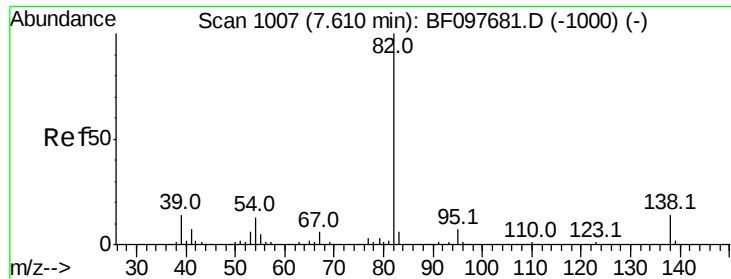
Ion Ratio Lower Upper

77 100

123 45.1 35.8 53.8

65 12.5 10.6 15.8





#25

Isophorone

Concen: 40.601 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

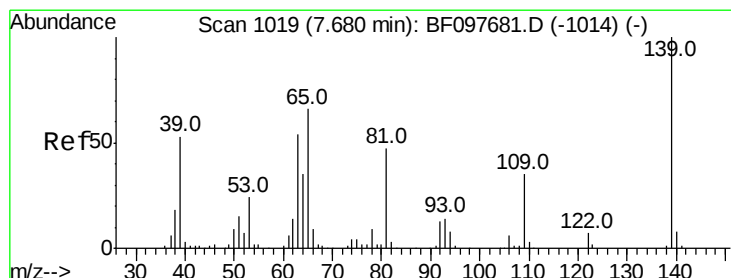
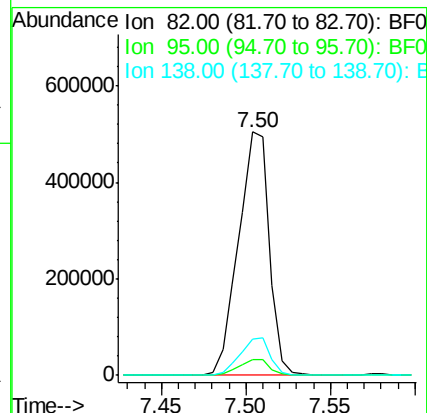
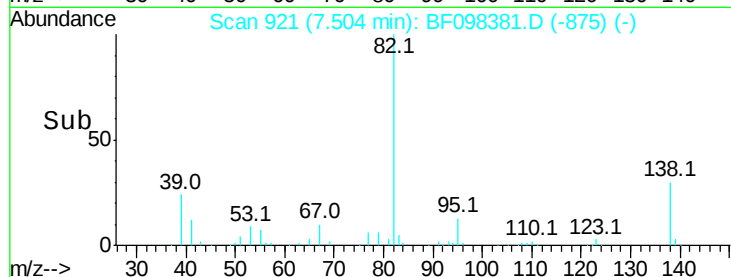
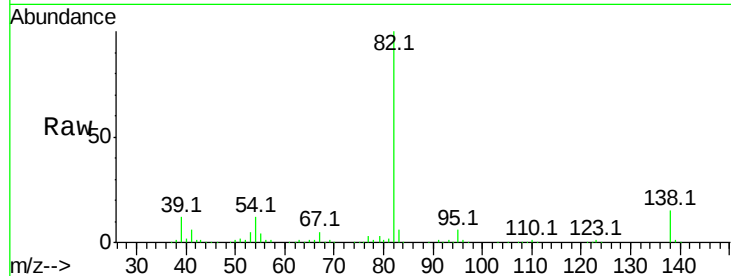
Tot Ion: 82 Resp: 640000

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 14.9 13.1 19.7



#26

2-Nitrophenol

Concen: 50.252 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

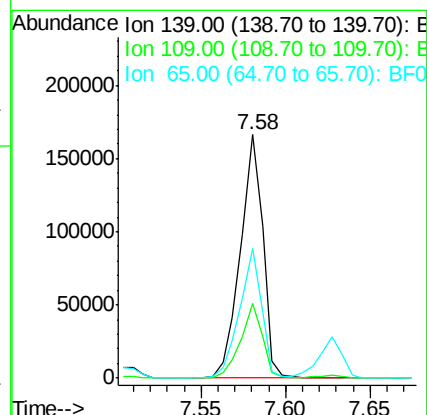
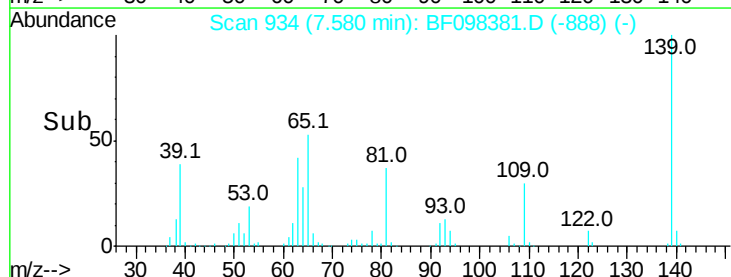
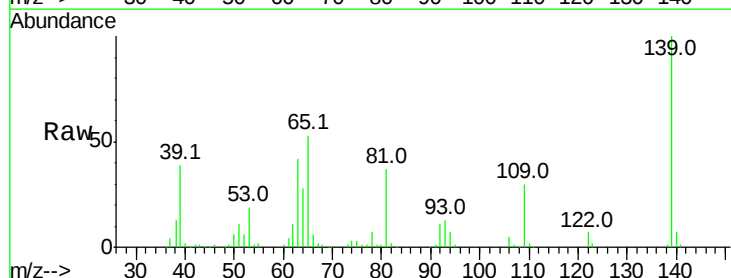
Tgt Ion: 139 Resp: 154519

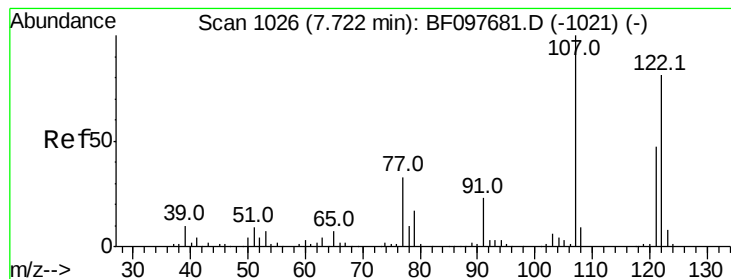
Ion Ratio Lower Upper

139 100

109 30.4 21.0 31.6

65 53.0 33.0 49.6#

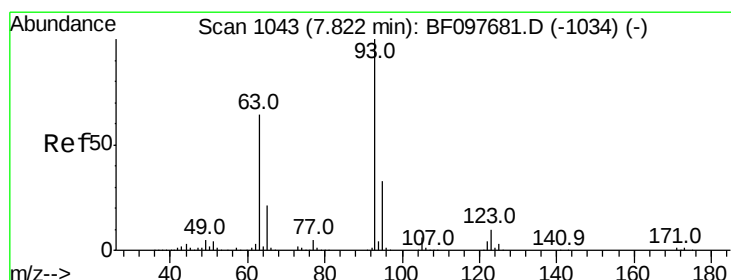
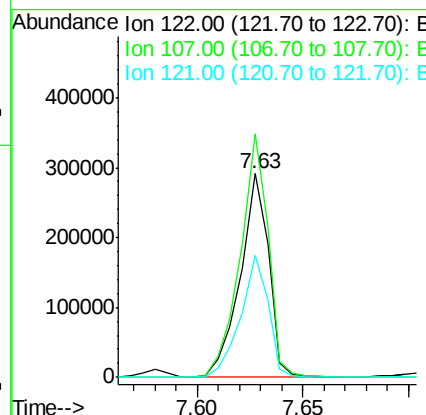
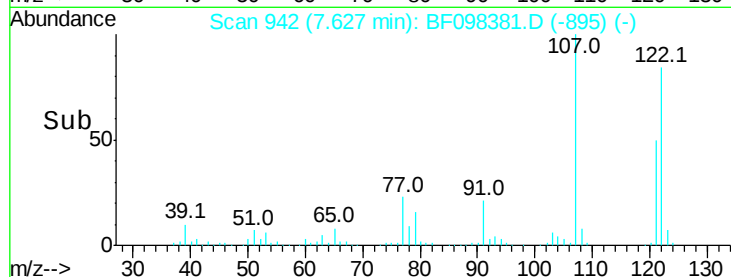
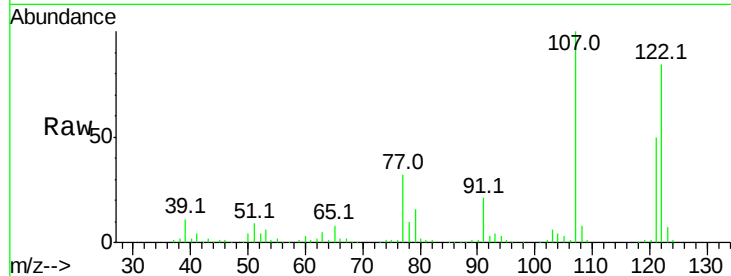




#27
 2,4-Dimethylphenol
 Concen: 41.302 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

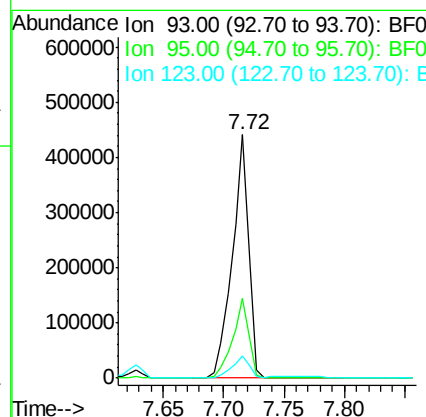
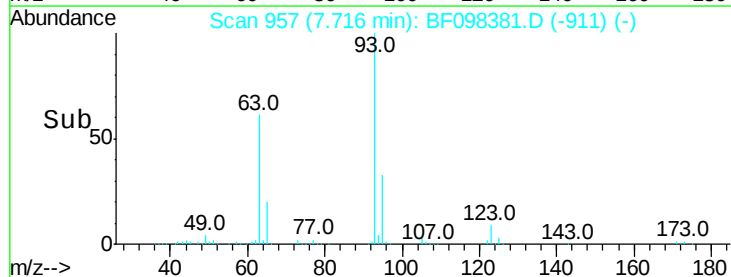
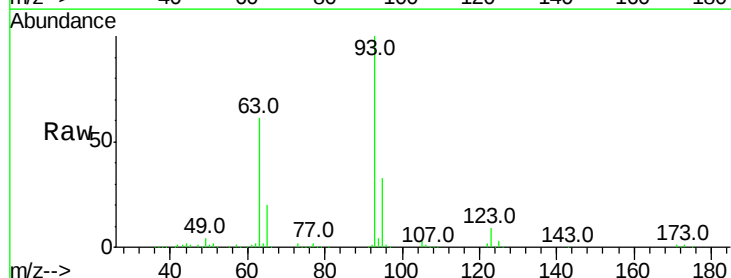
Instrument :
 BNA_F
 ClientSampled :

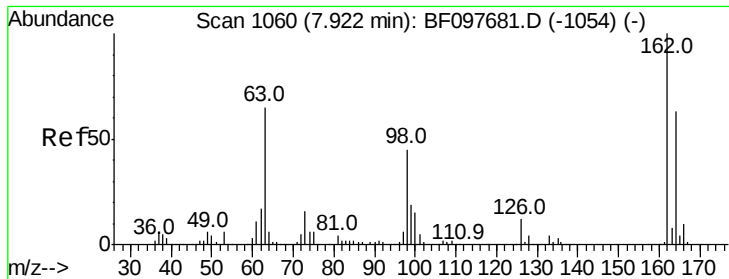
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.6	89.2	133.8
121	60.0	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.905 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	9.2	9.0	13.4

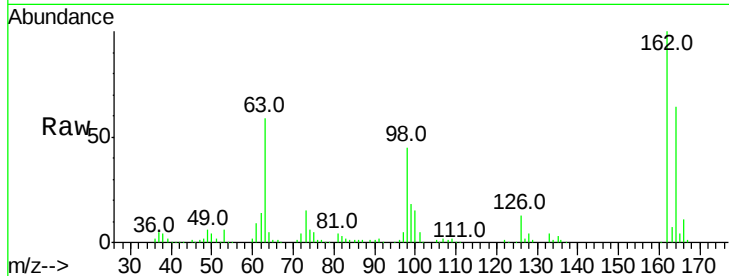




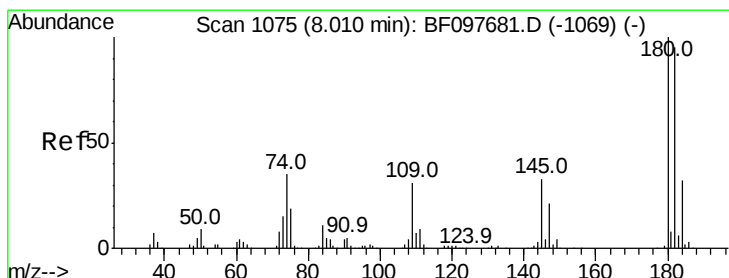
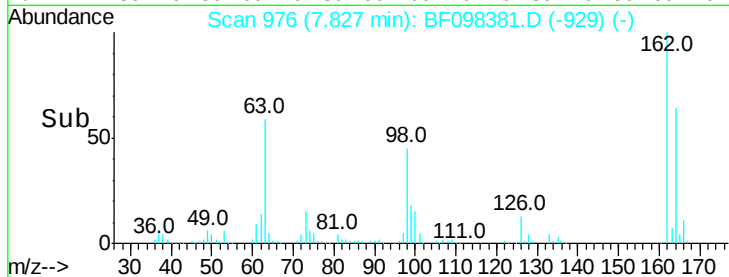
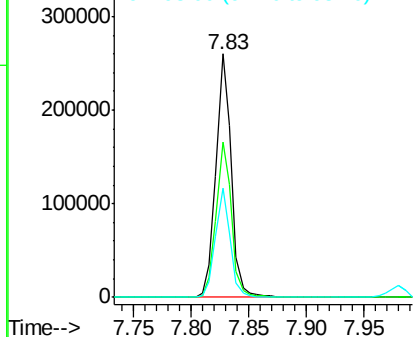
#29
 2,4-Dichlorophenol
 Concen: 43.940 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	45.0	14.8	54.8

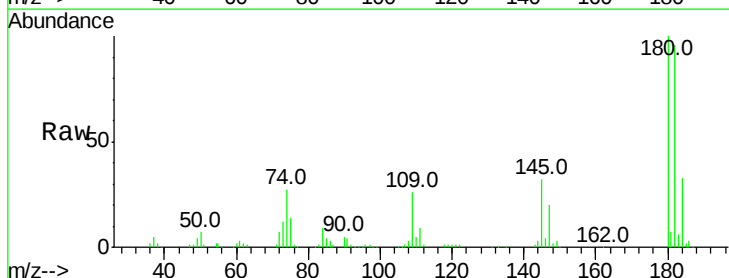


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

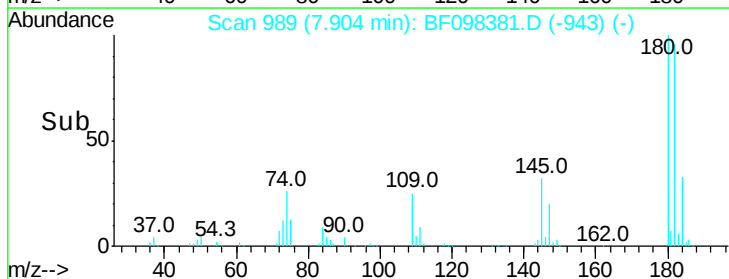
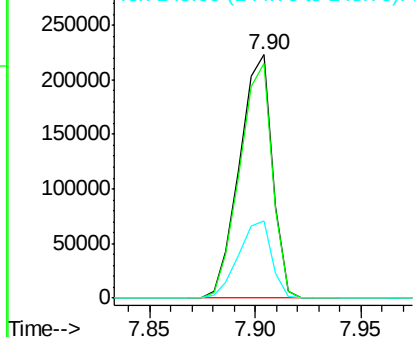


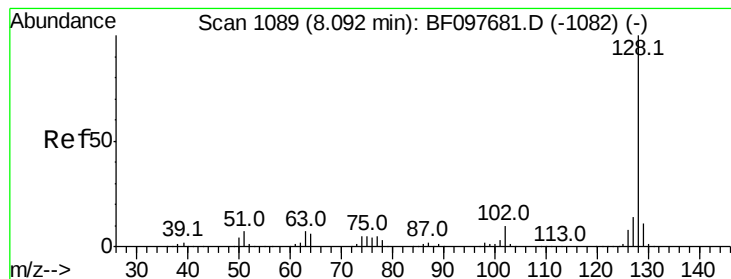
#30
 1,2,4-Trichlorobenzene
 Concen: 39.831 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	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: 39.761 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampled :

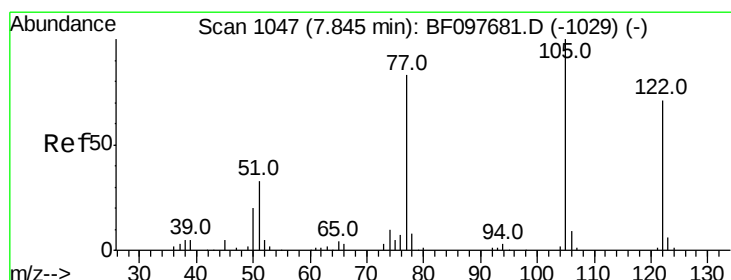
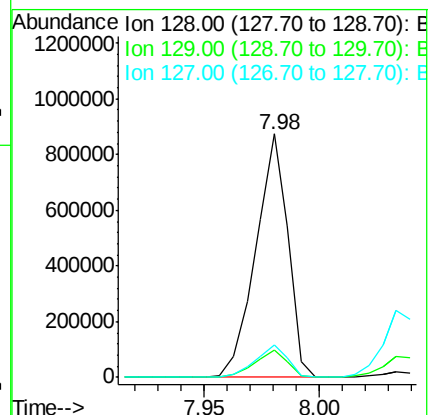
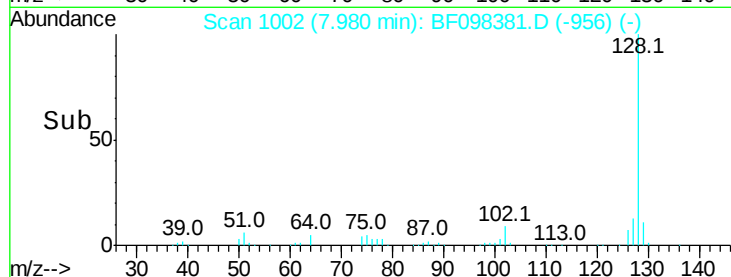
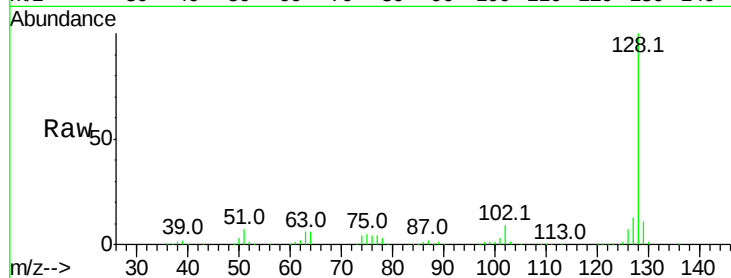
Tot Ion:128 Resp: 850074

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 31.671 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

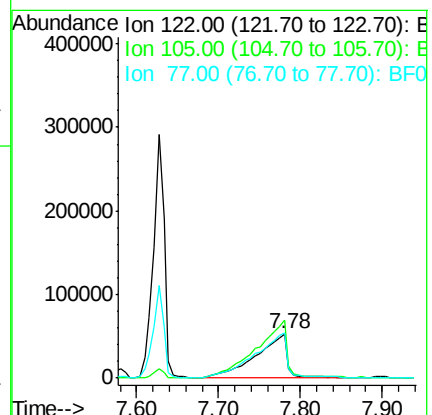
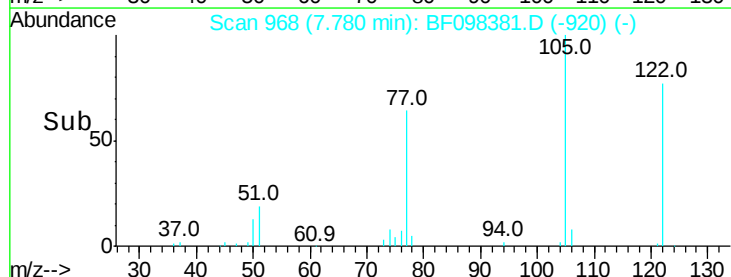
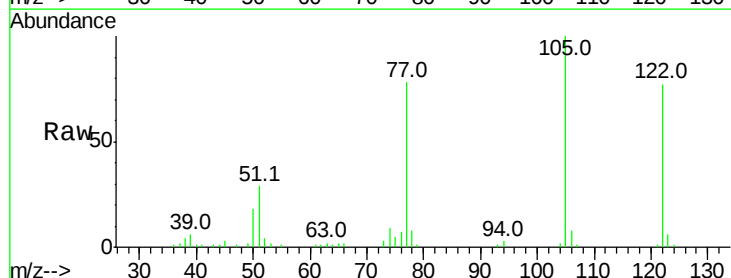
Tgt Ion:122 Resp: 139660

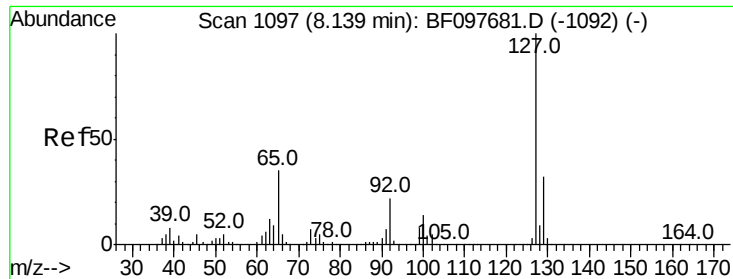
Ion Ratio Lower Upper

122 100

105 130.4 103.3 143.3

77 102.0 73.7 113.7

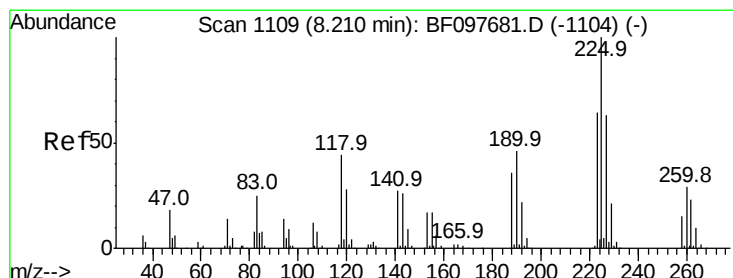
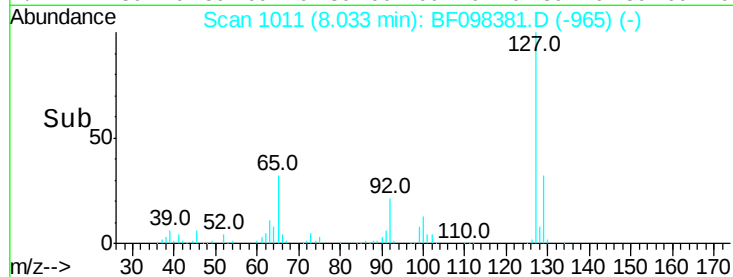
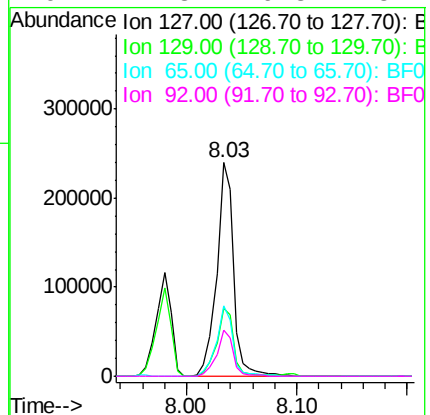
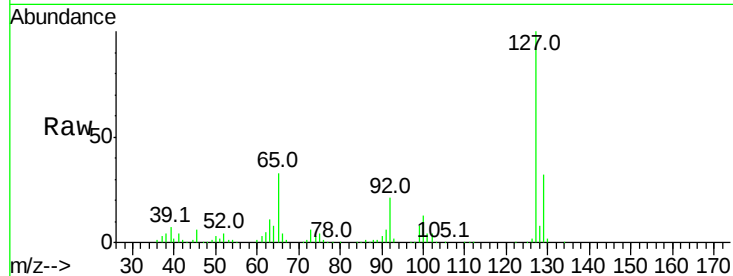




#33
4-Chloroaniline
Concen: 28.109 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

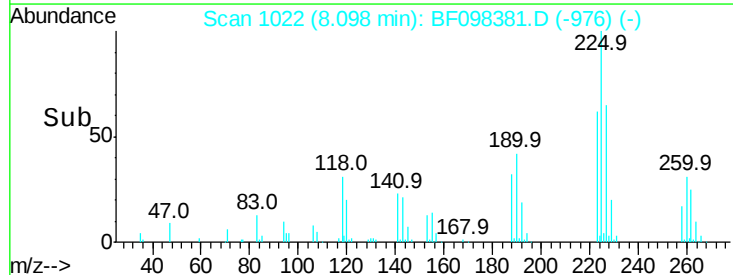
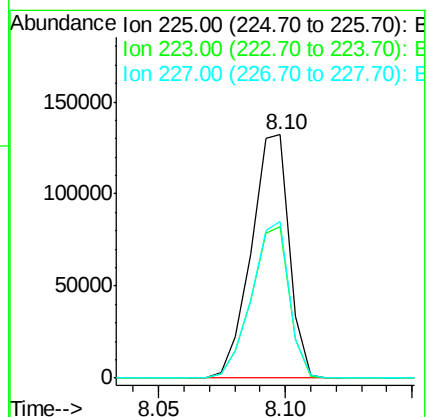
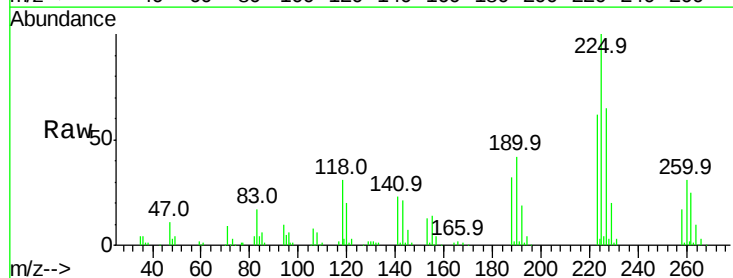
Instrument :
BNA_F
ClientSampleId :

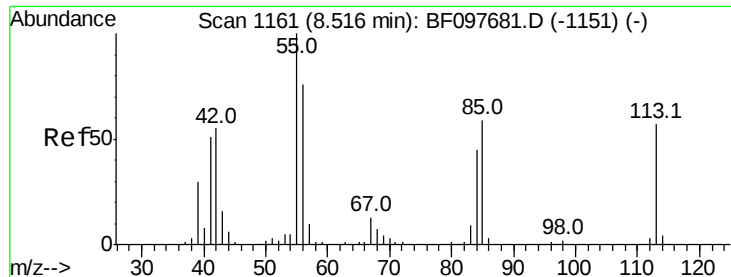
Tot Ion:127 Resp: 253450
Ion Ratio Lower Upper
127 100
129 32.0 26.2 39.2
65 32.9 27.8 41.8
92 21.3 16.8 25.2



#34
Hexachlorobutadiene
Concen: 39.007 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:225 Resp: 137779
Ion Ratio Lower Upper
225 100
223 62.1 48.8 73.2
227 64.5 51.1 76.7





#35

Caprolactam

Concen: 26.005 ng

RT: 8.42 min Scan# 1076

Delta R.T. -0.04 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

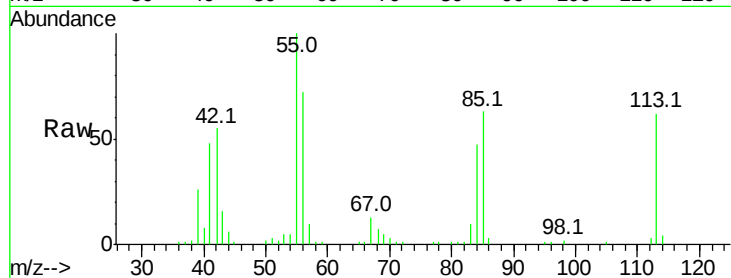
Tot Ion:113 Resp: 48245

Ion Ratio Lower Upper

113 100

55 162.2 150.2 190.2

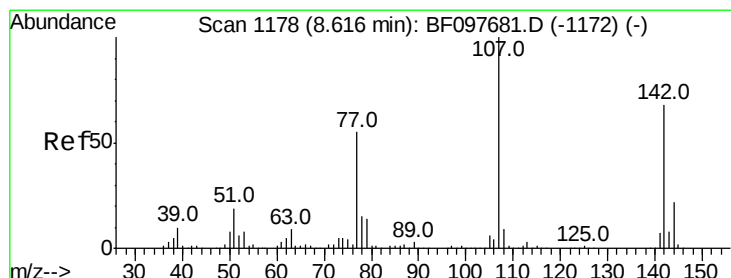
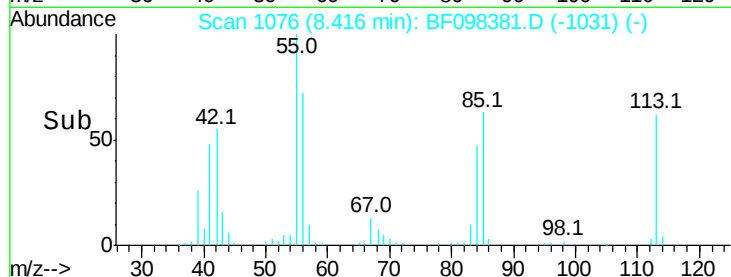
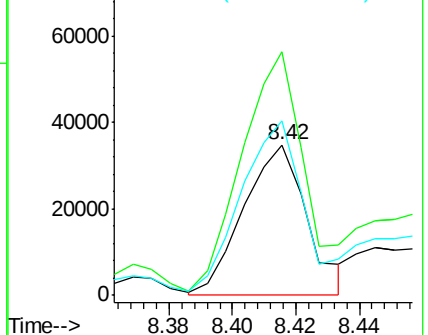
56 116.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.826 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

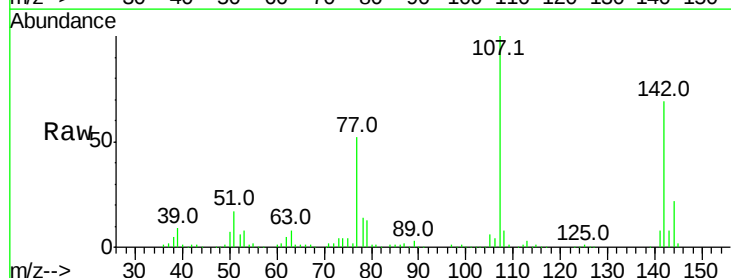
Tgt Ion:107 Resp: 293257

Ion Ratio Lower Upper

107 100

144 22.2 24.2 36.4#

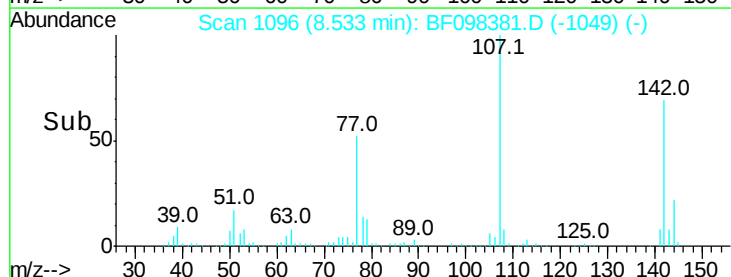
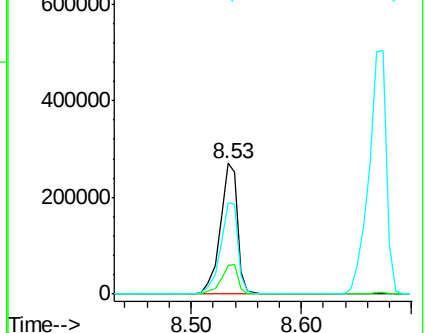
142 69.4 73.4 110.0#

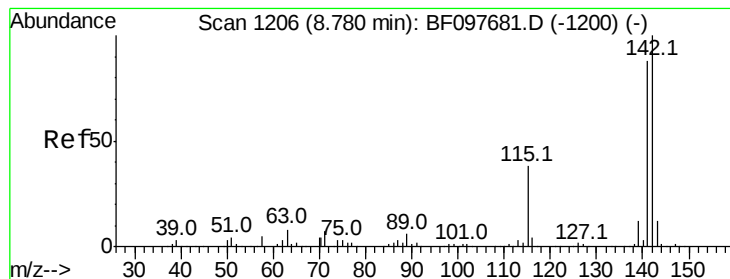


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.220 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

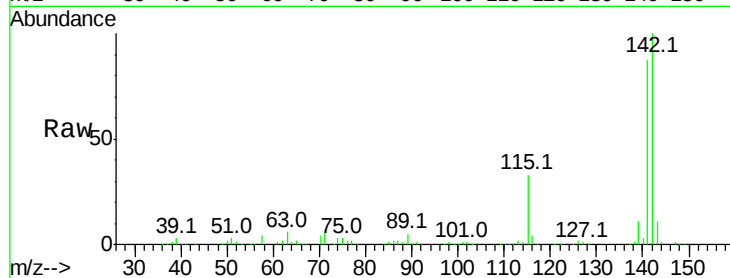
Tot Ion:142 Resp: 566524

Ion Ratio Lower Upper

142 100

141 86.9 71.3 106.9

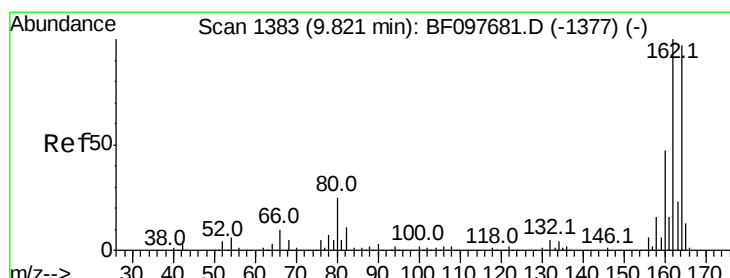
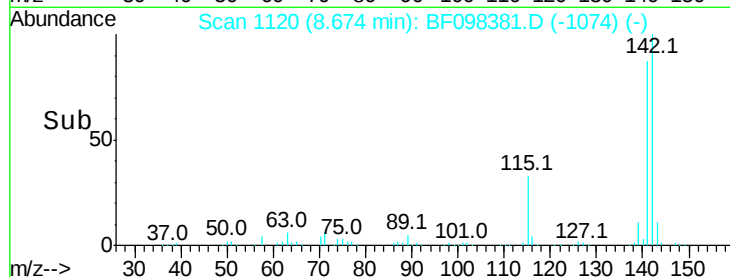
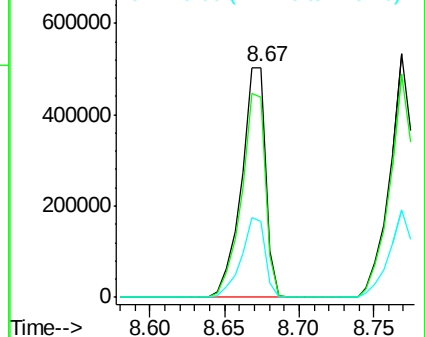
115 33.3 27.1 40.7



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: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

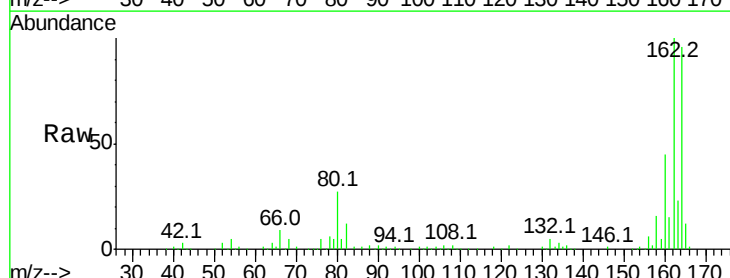
Tgt Ion:164 Resp: 191261

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

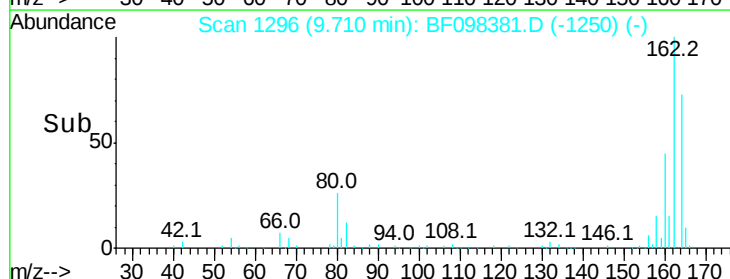
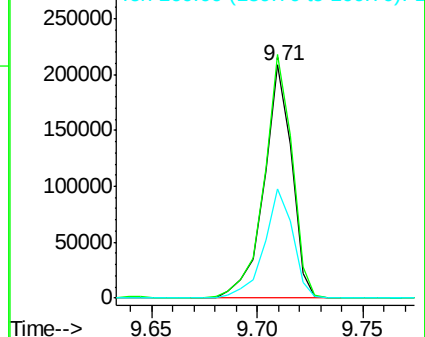
160 46.9 36.2 54.2

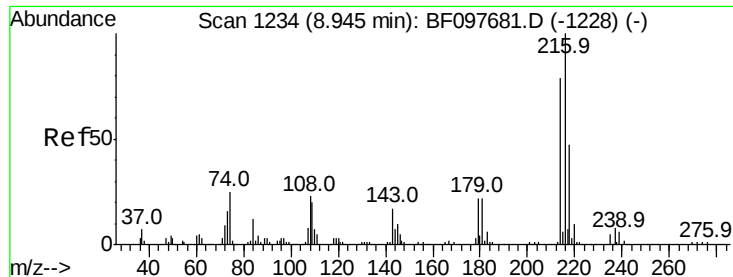


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

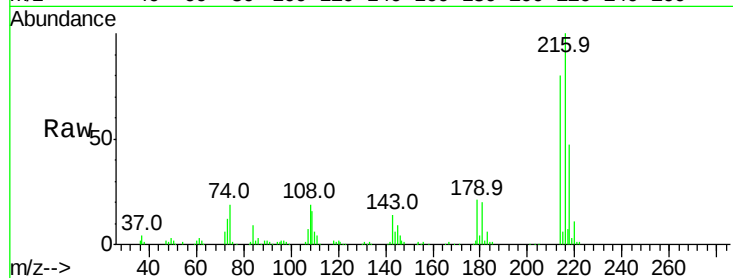




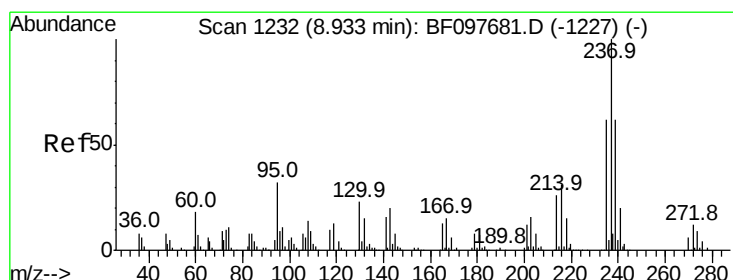
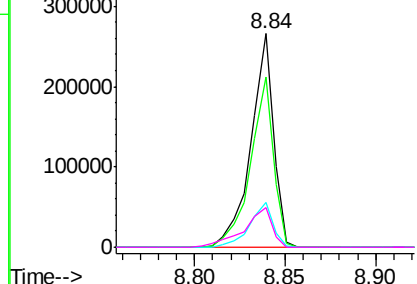
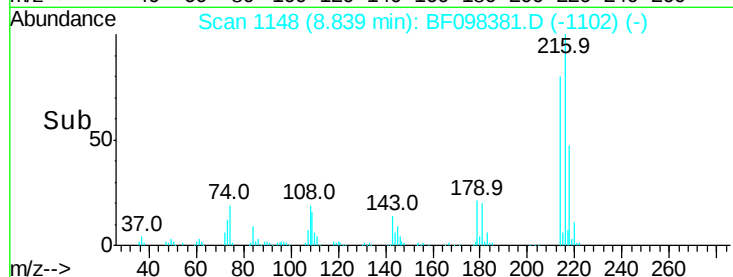
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.328 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	230847
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.4	95.2
179	21.4	17.9	26.9
108	23.5	16.5	24.7

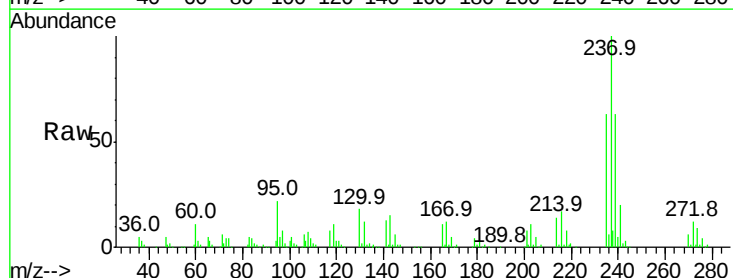


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

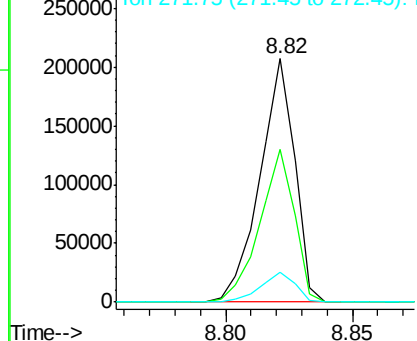
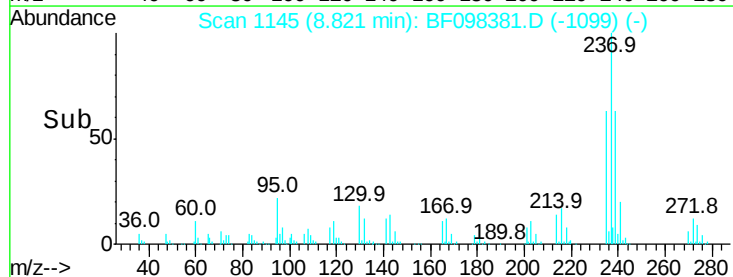


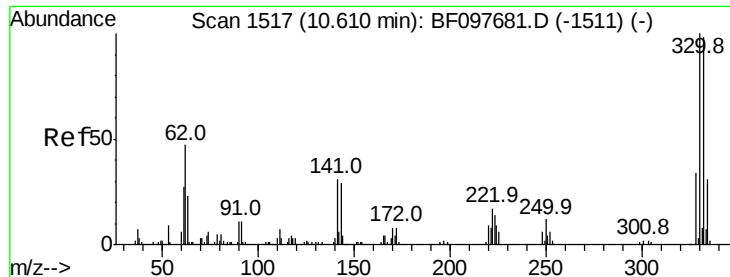
#40
 Hexachlorocyclopentadiene
 Concen: 70.485 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion:	237	Resp:	198758
Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.6	82.6
272	12.1	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

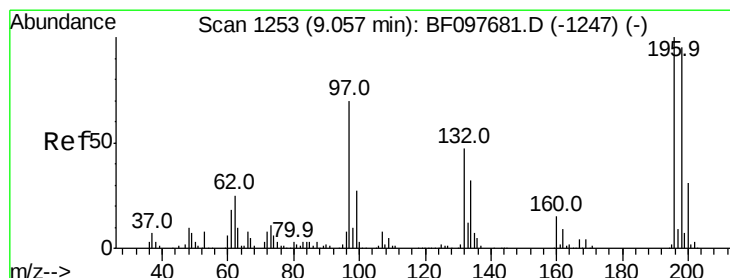
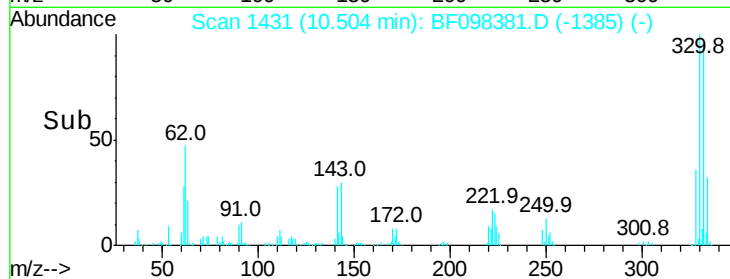
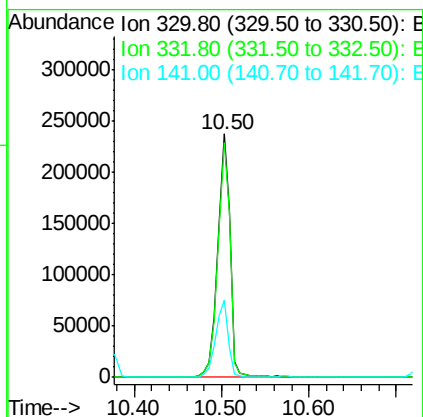
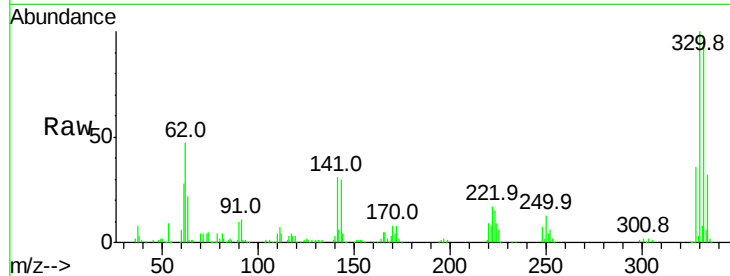




#41
 2,4,6-Tribromophenol
 Concen: 142.116 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

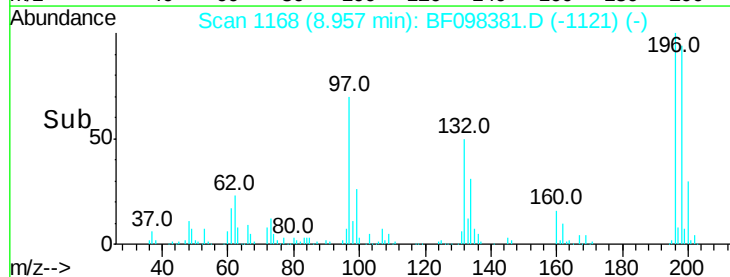
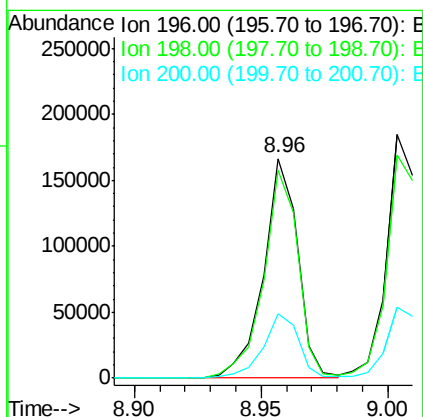
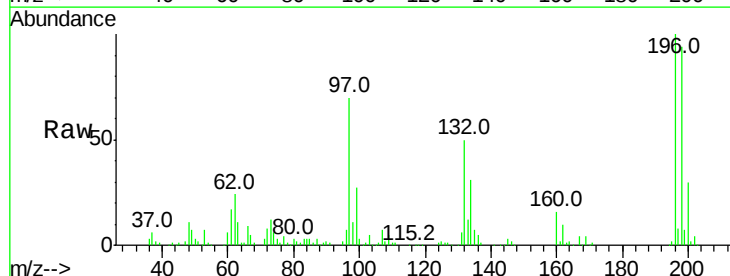
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 235841
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 32.3 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.873 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion:196 Resp: 157131
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.2 111.4
 200 29.5 24.0 36.0

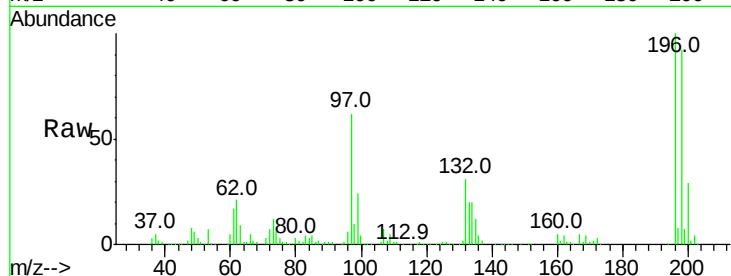




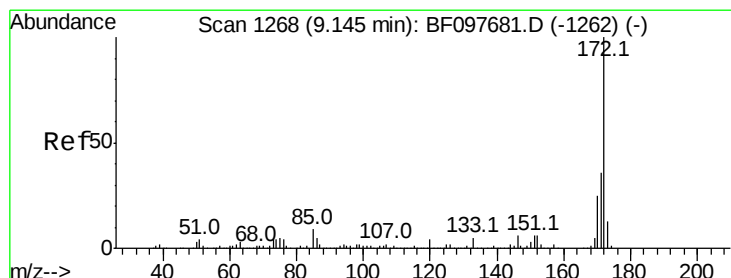
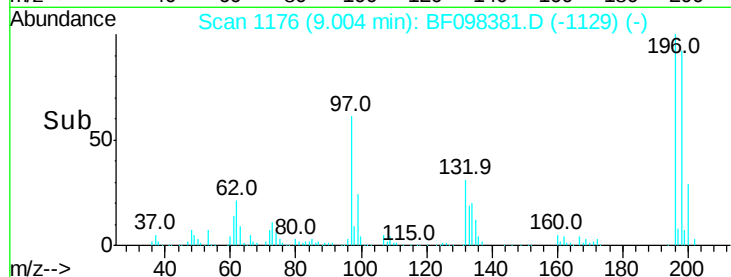
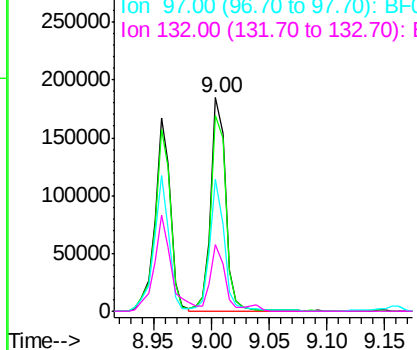
#43
 2,4,5-Trichlorophenol
 Concen: 42.316 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 165437
 Ion Ratio Lower Upper
 196 100
 198 91.7 75.7 113.5
 97 61.6 47.7 71.5
 132 31.3 28.0 42.0

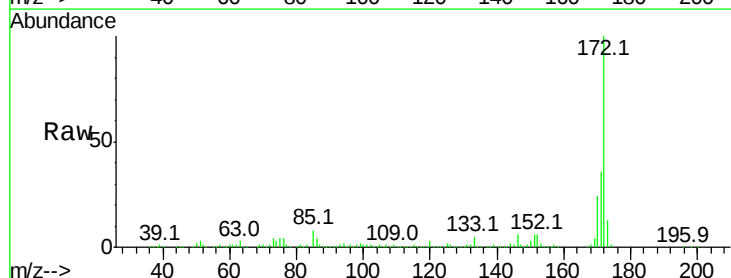


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

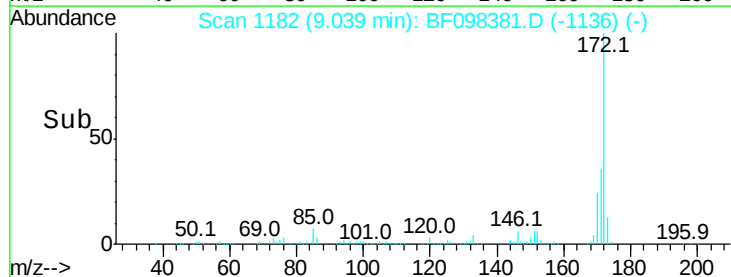
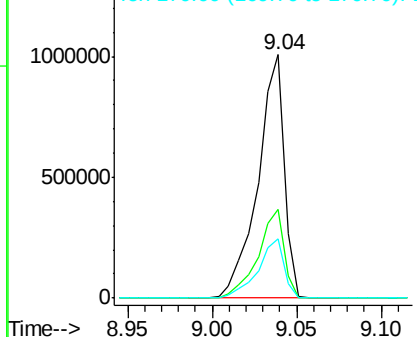


#44
 2-Fluorobiphenyl
 Concen: 83.708 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion:172 Resp: 1089709
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.3 19.8 29.8



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

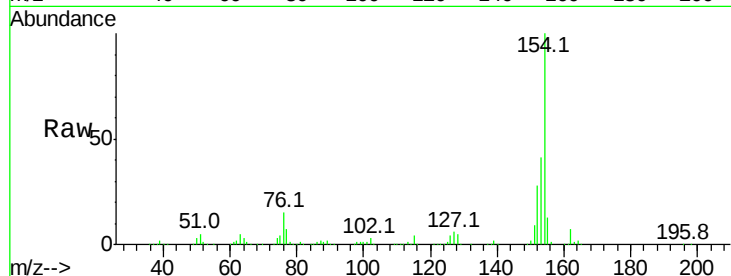




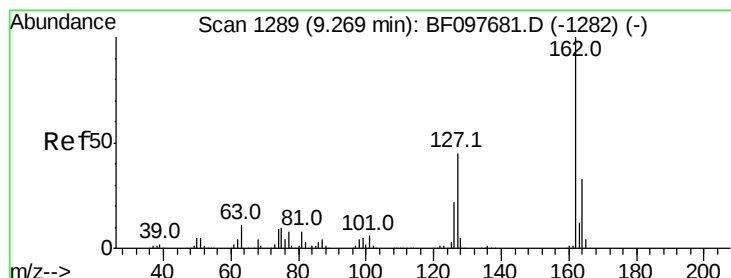
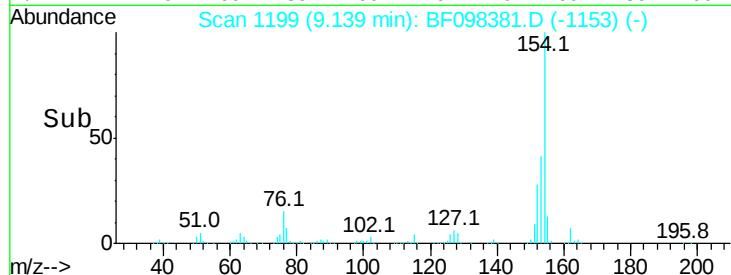
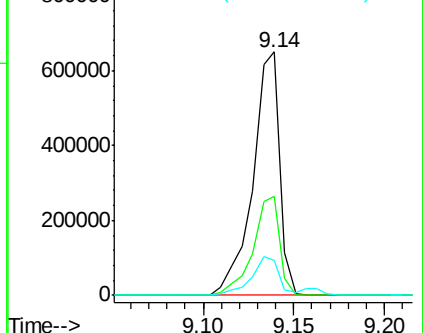
#45
 1,1'-Biphenyl
 Concen: 38.389 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 669559
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 14.5 0.0 29.9

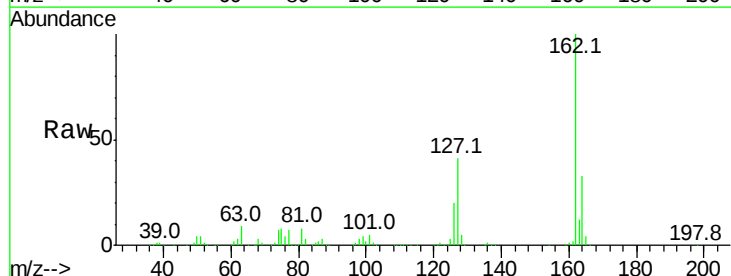


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): E

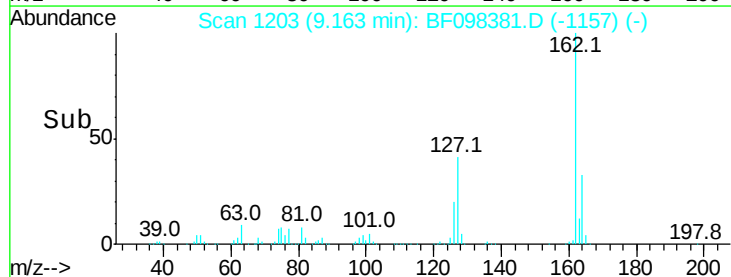
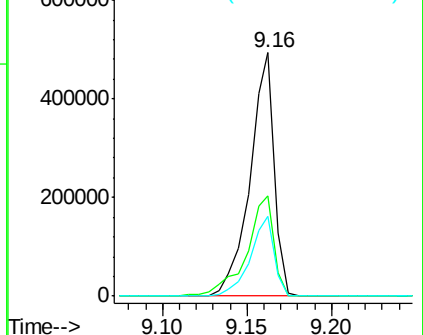


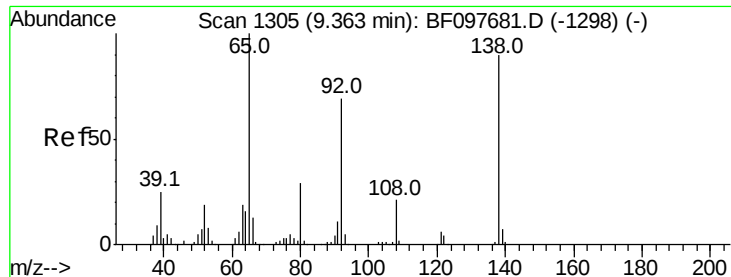
#46
 2-Chloronaphthalene
 Concen: 38.397 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion:162 Resp: 494812
 Ion Ratio Lower Upper
 162 100
 127 41.0 28.3 42.5
 164 32.9 27.0 40.4



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

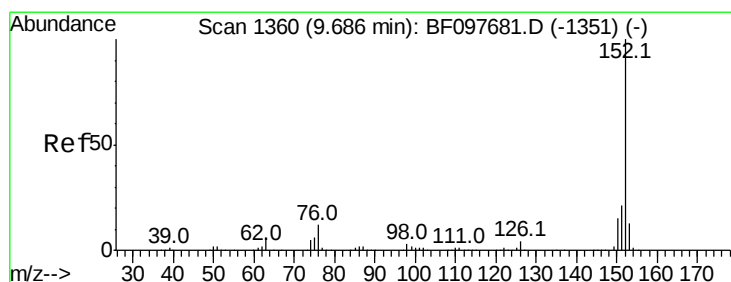
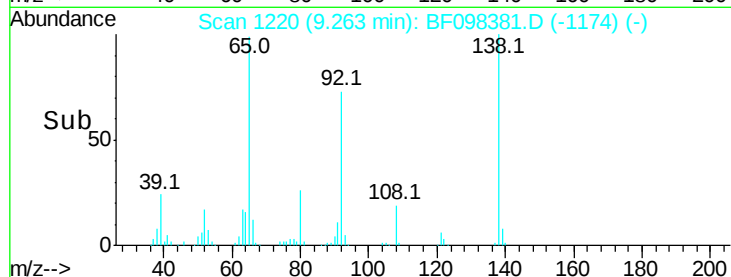
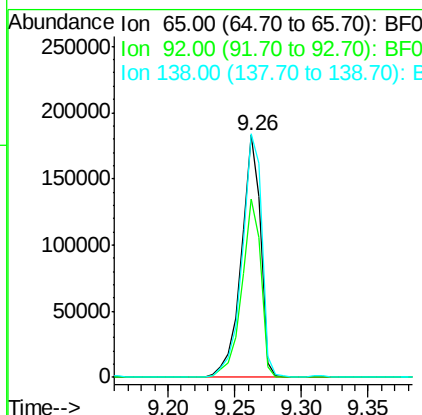
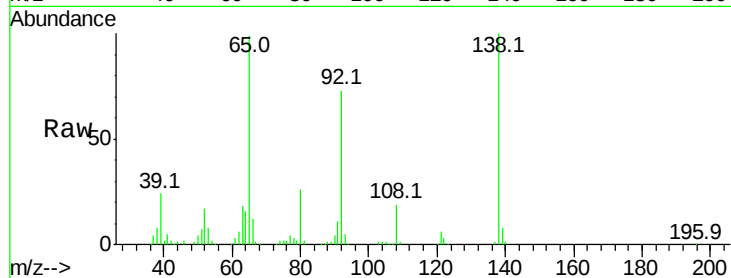




#47
2-Nitroaniline
Concen: 42.351 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

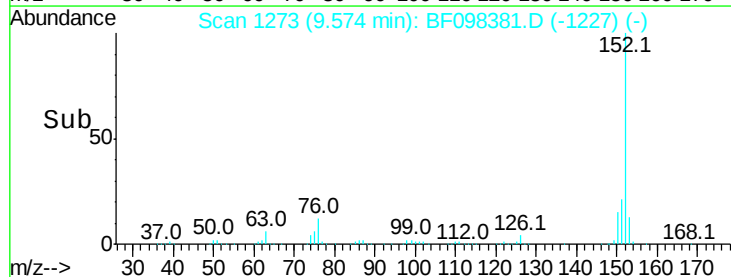
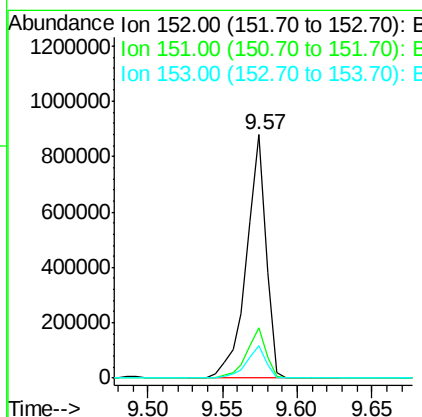
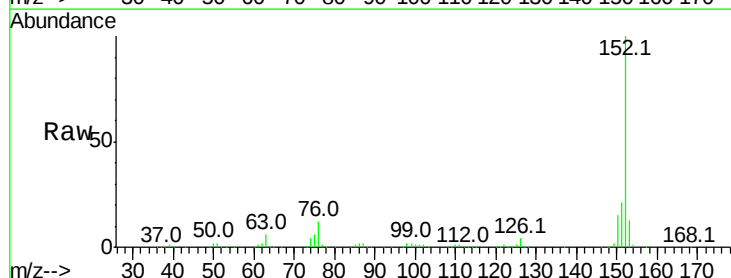
Instrument :
BNA_F
ClientSampleId :

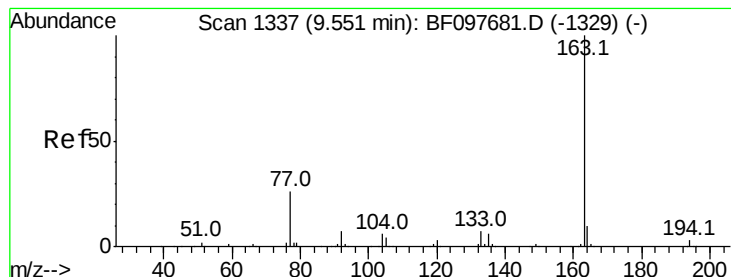
Tot Ion: 65 Resp: 182967
Ion Ratio Lower Upper
65 100
92 73.7 53.9 80.9
138 100.5 78.8 118.2



#48
Acenaphthylene
Concen: 39.497 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion: 152 Resp: 799308
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 43.854 ng

RT: 9.44 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

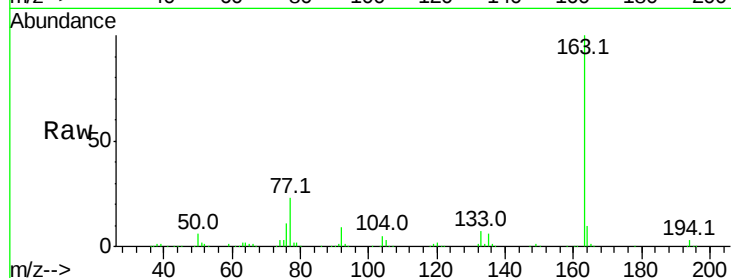
Tot Ion:163 Resp: 613107

Ion Ratio Lower Upper

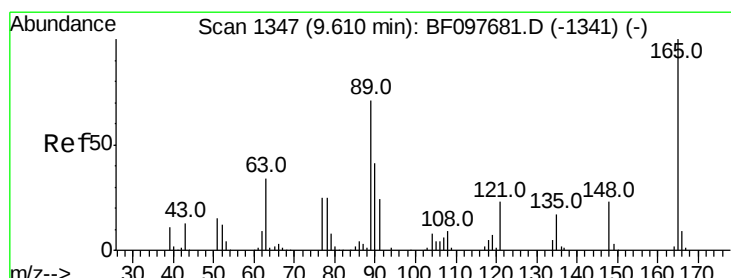
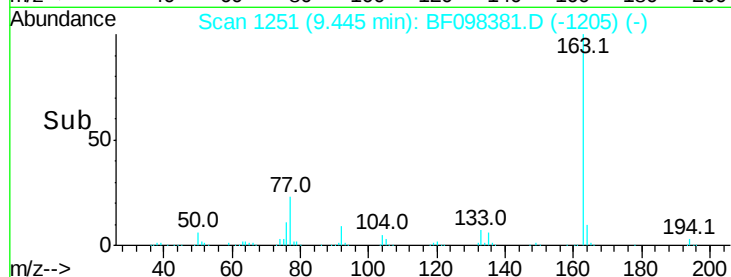
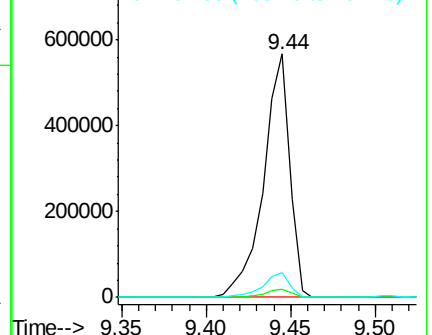
163 100

194 3.4 2.6 4.0

164 9.9 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: 46.895 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

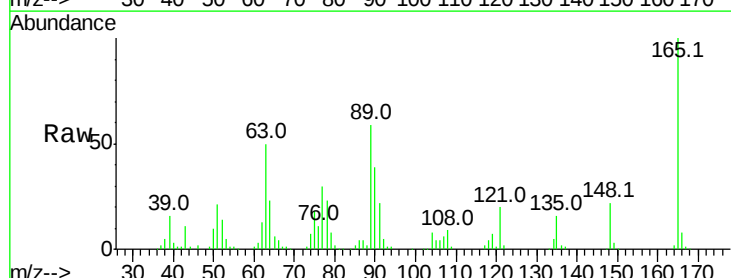
Tgt Ion:165 Resp: 130869

Ion Ratio Lower Upper

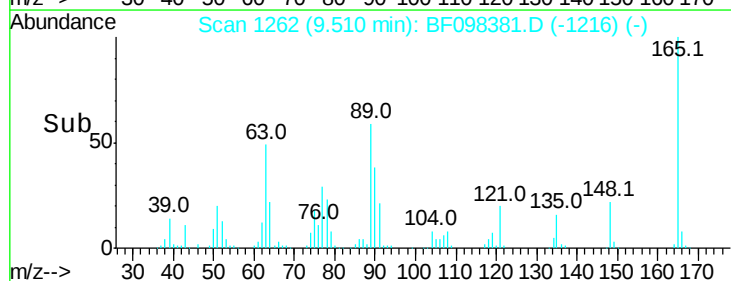
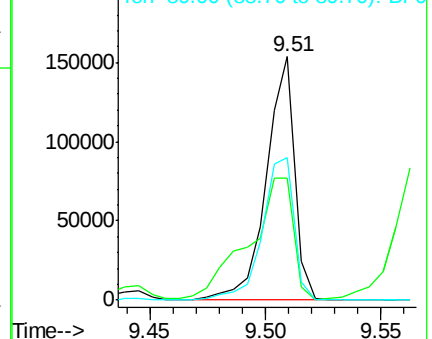
165 100

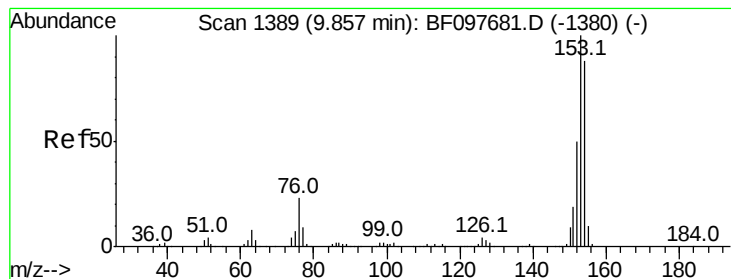
63 49.9 34.3 51.5

89 58.5 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: 37.743 ng

RT: 9.74 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

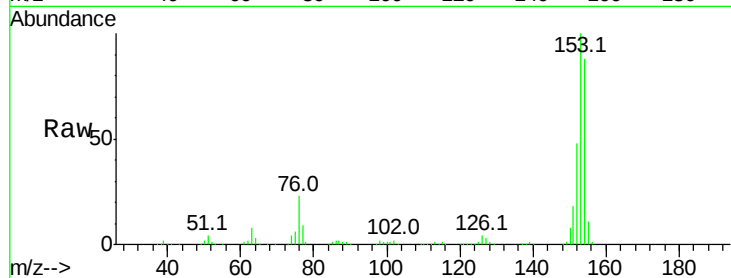
Tot Ion:154 Resp: 481724

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

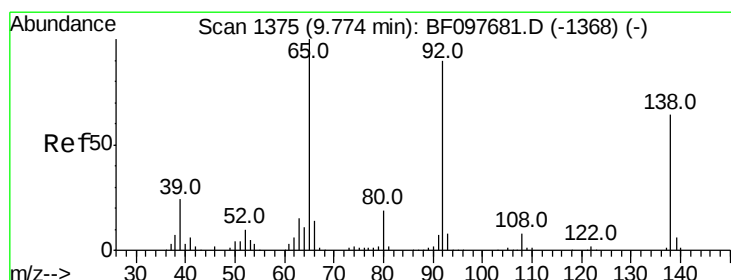
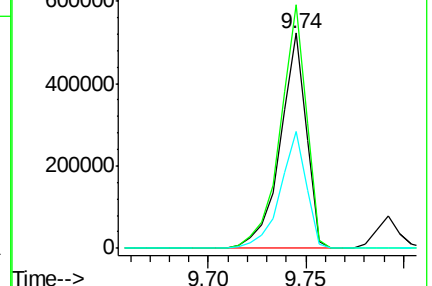
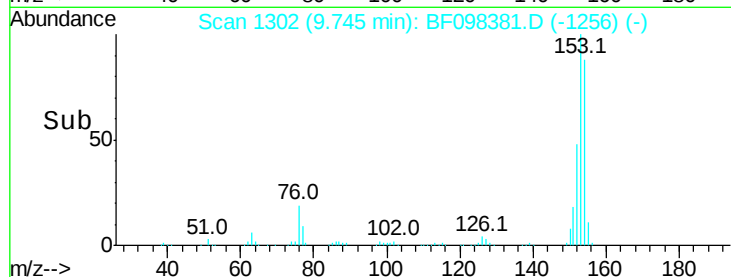
152 54.1 43.6 65.4



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: 32.030 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

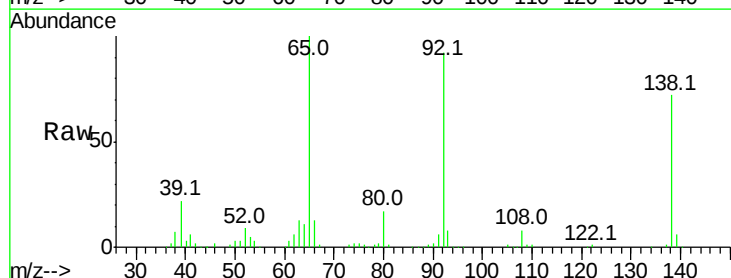
Tgt Ion:138 Resp: 115325

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

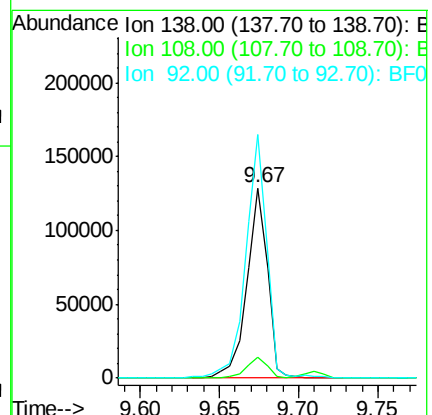
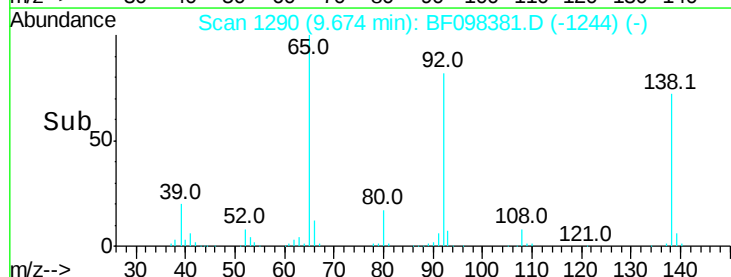
92 128.2 93.8 140.6

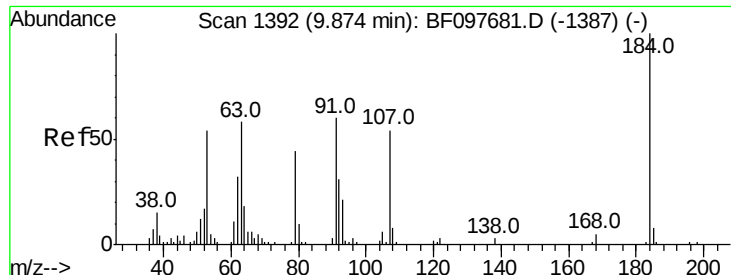


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

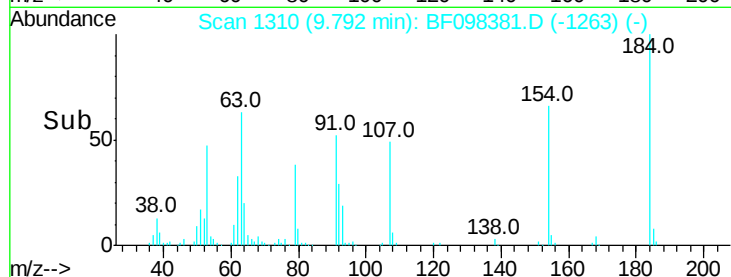
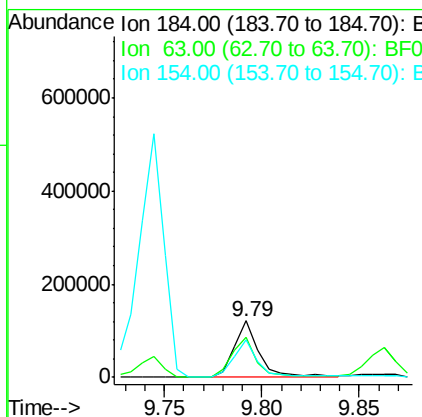
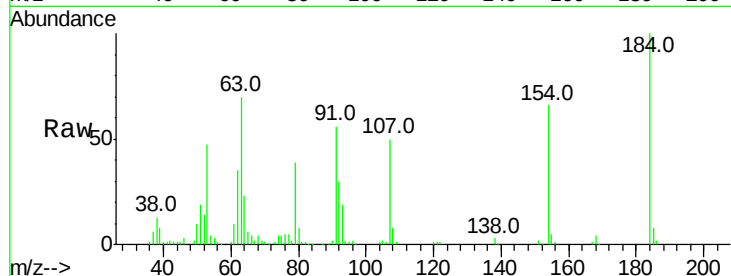




#53
 2,4-Dinitrophenol
 Concen: 82.536 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

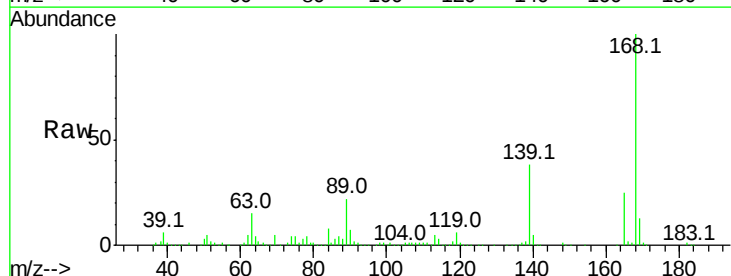
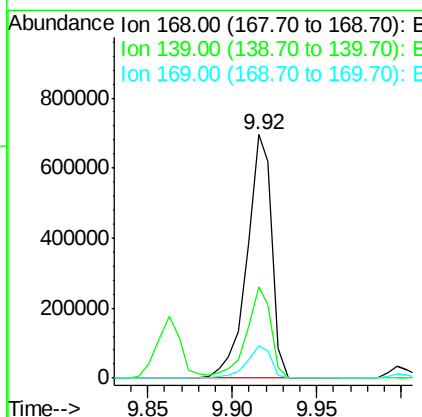
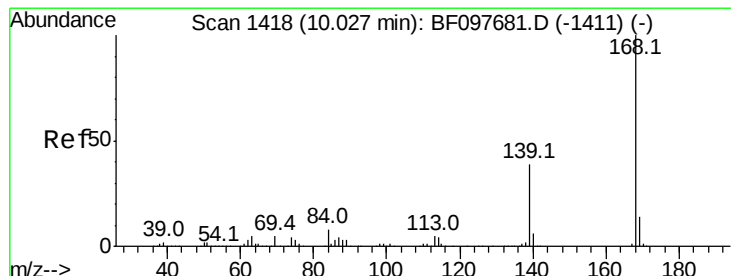
Instrument :
 BNA_F
 ClientSampleId :

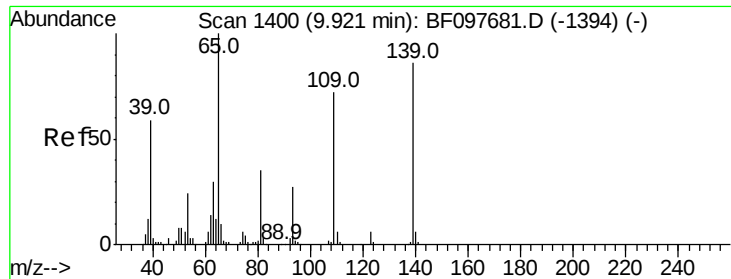
Tot Ion:184 Resp: 110054
 Ion Ratio Lower Upper
 184 100
 63 69.8 62.7 94.1
 154 65.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.523 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion:168 Resp: 710268
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.6 45.8
 169 13.5 10.8 16.2

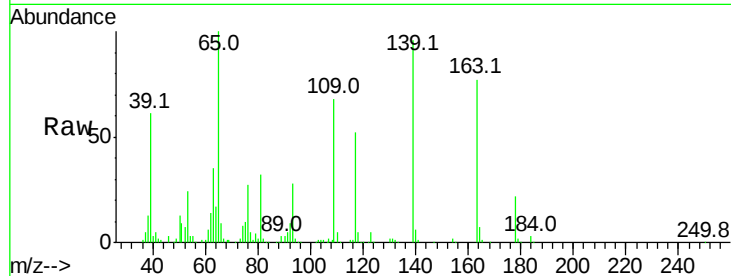




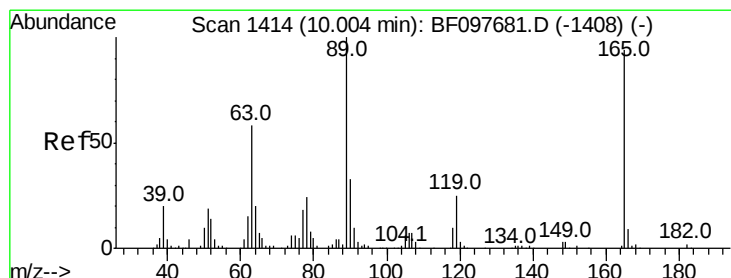
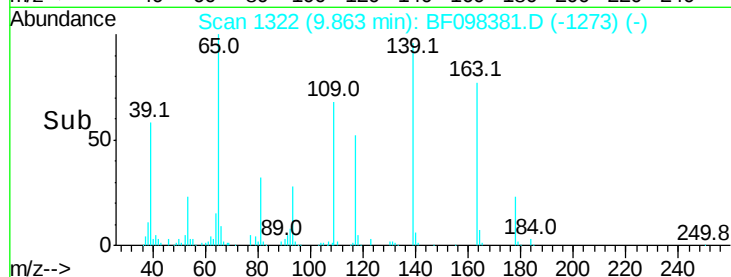
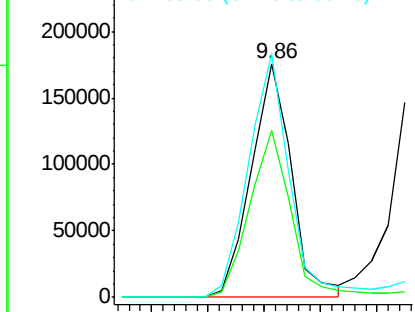
#55
4-Nitrophenol
Concen: 60.561 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 173940
Ion Ratio Lower Upper
139 100
109 71.4 34.1 74.1
65 104.3 31.4 71.4#

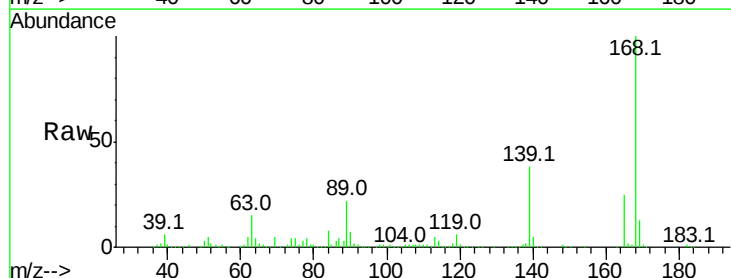


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

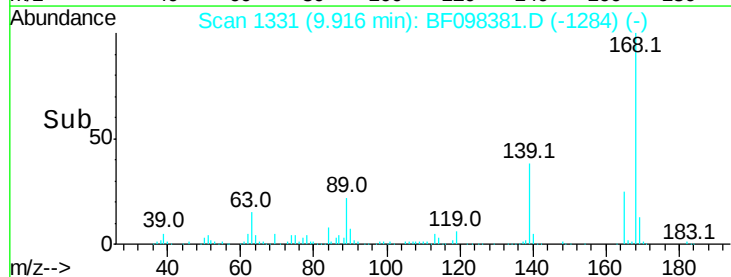
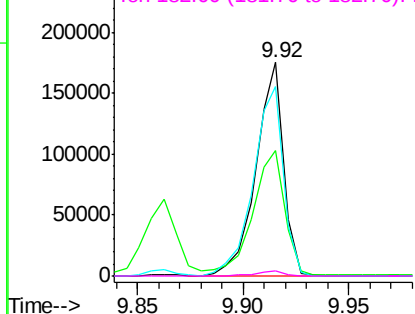


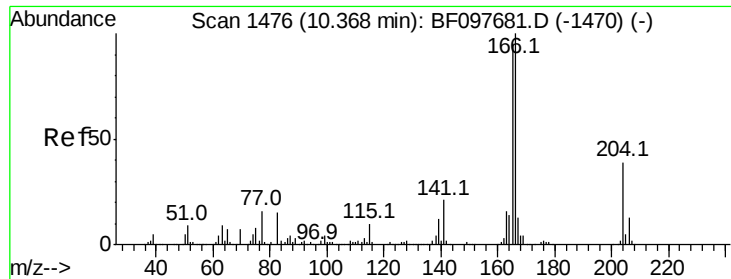
#56
2,4-Dinitrotoluene
Concen: 45.620 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:165 Resp: 159770
Ion Ratio Lower Upper
165 100
63 58.4 25.4 38.0#
89 88.5 46.4 69.6#
182 2.2 1.8 2.6



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





#57

Fluorene

Concen: 41.414 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

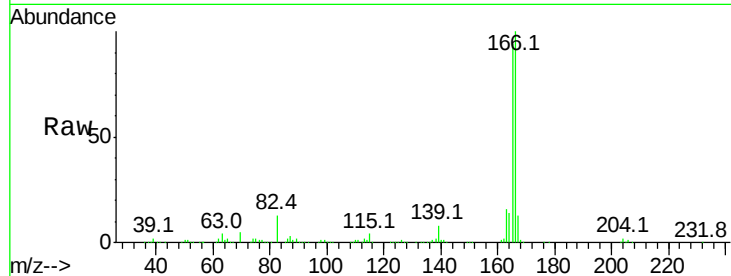
Tot Ion:166 Resp: 547708

Ion Ratio Lower Upper

166 100

165 94.2 78.8 118.2

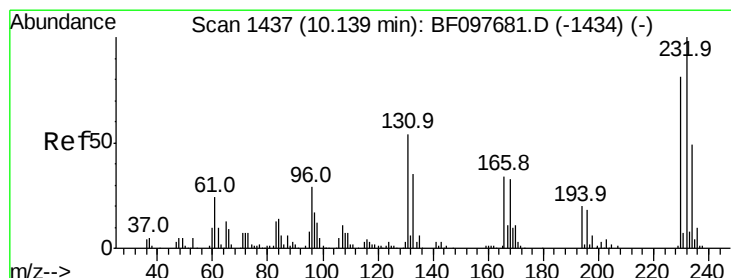
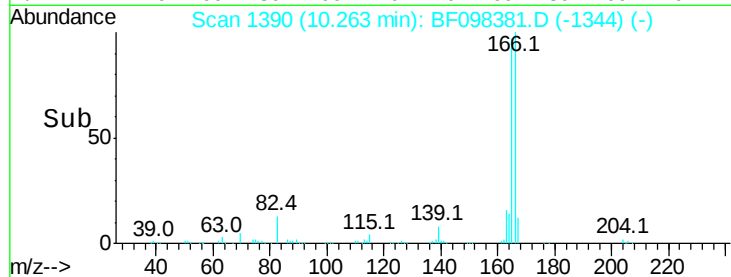
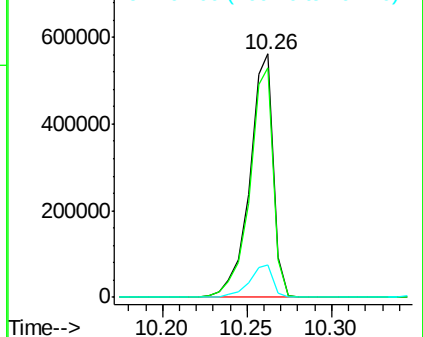
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.390 ng

RT: 10.04 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion:232 Resp: 137390

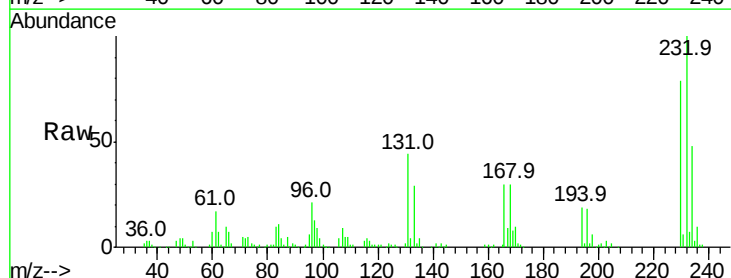
Ion Ratio Lower Upper

232 100

131 48.4 44.8 67.2

130 2.5 2.3 3.5

166 30.1 29.0 43.4

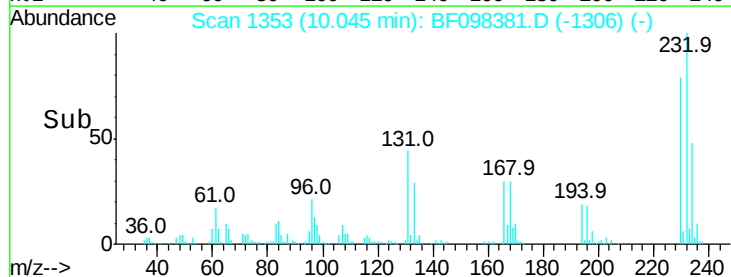
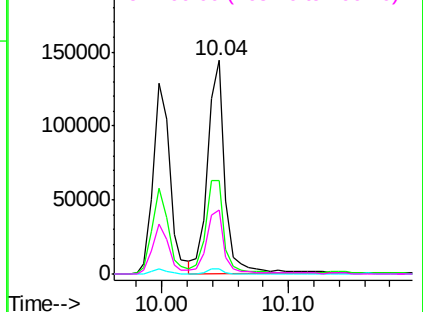


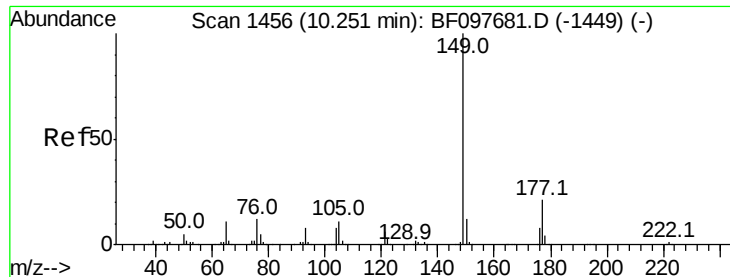
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

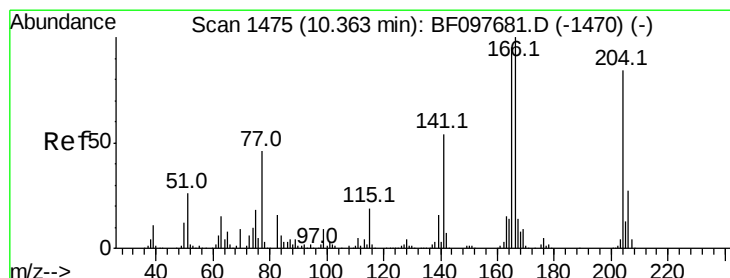
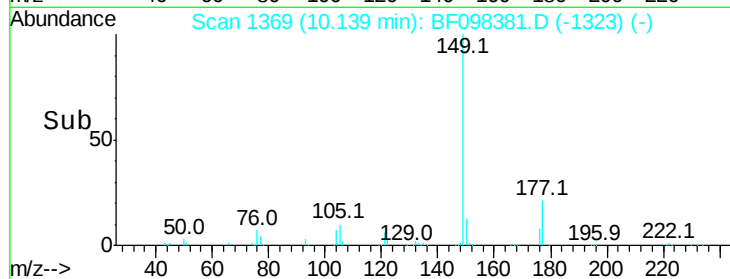
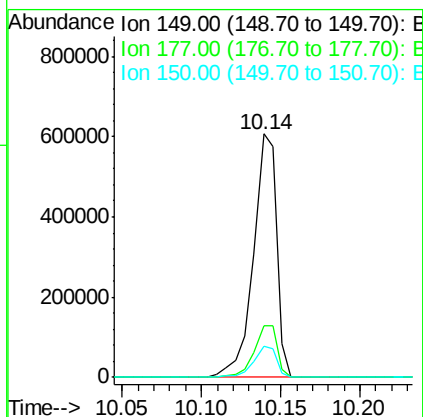
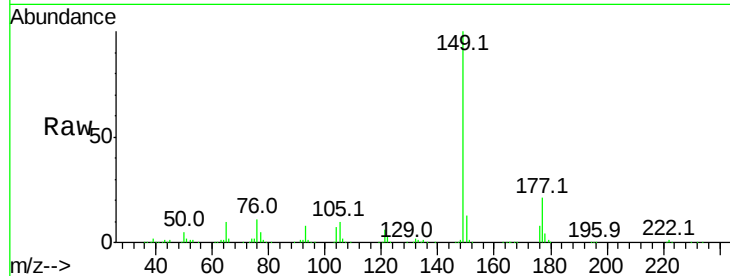




#59
Diethylphthalate
Concen: 42.417 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

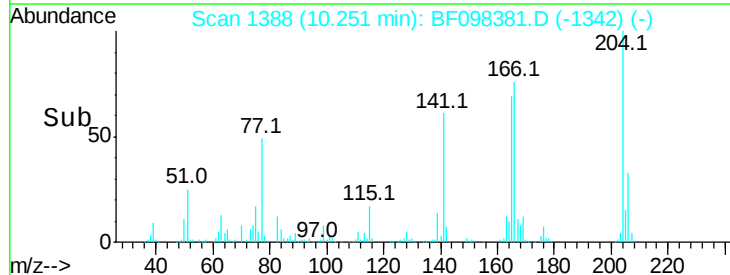
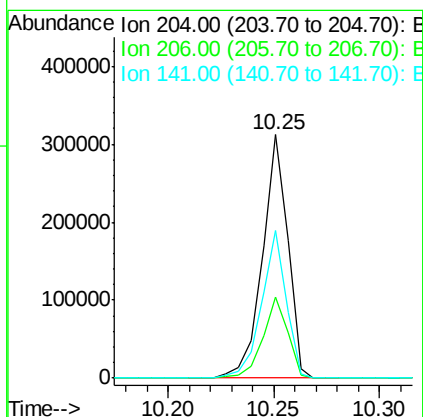
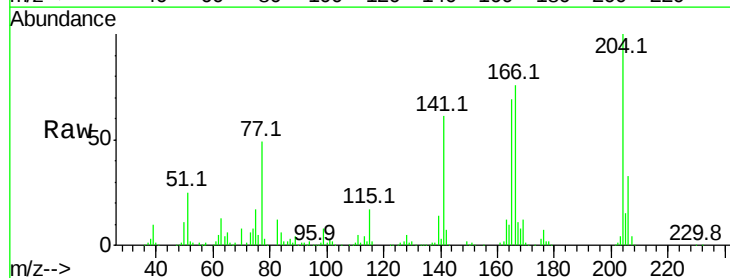
Instrument :
BNA_F
ClientSampleId :

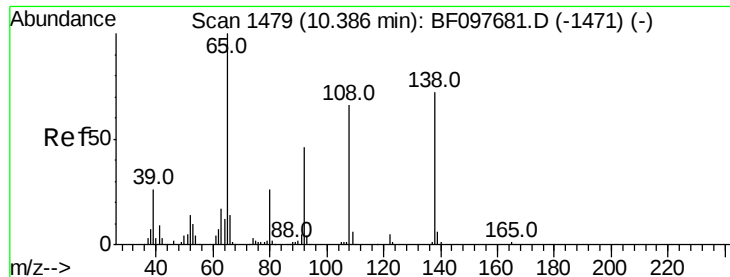
Tot Ion:149 Resp: 620143
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.383 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:204 Resp: 260402
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 60.7 60.8 91.2#

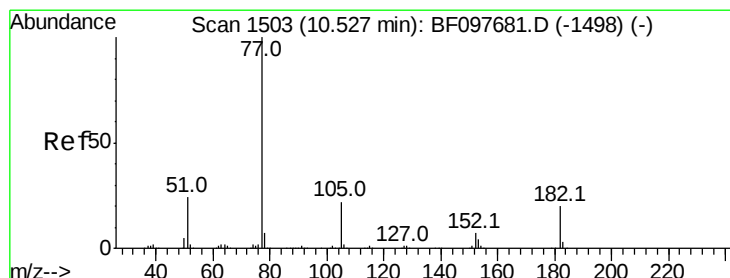
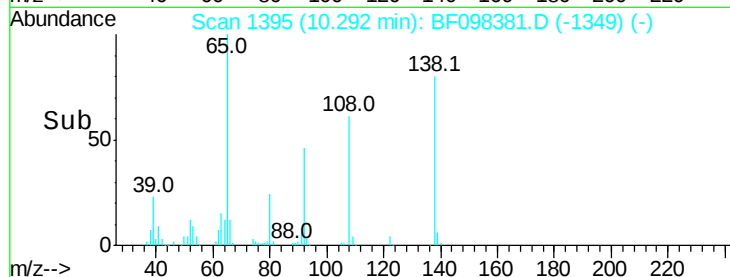
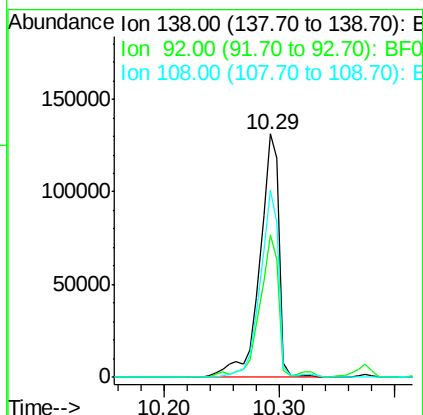
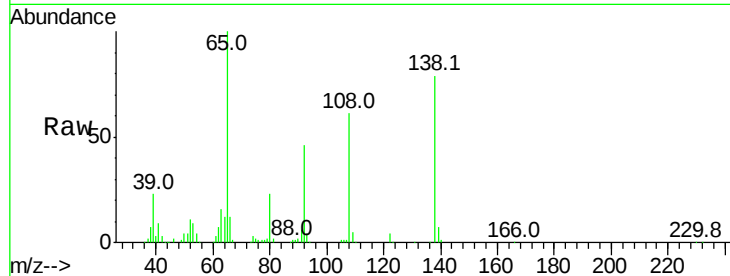




#61
4-Nitroaniline
Concen: 45.050 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

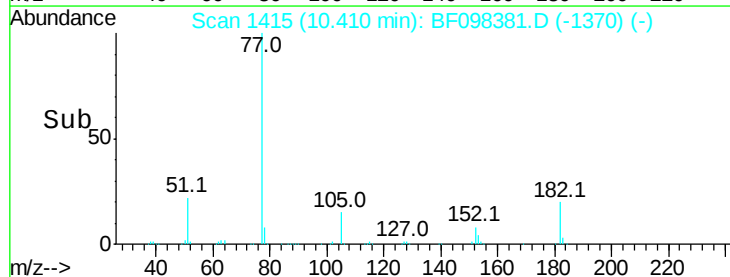
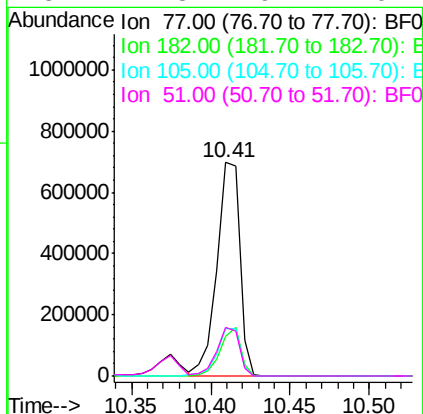
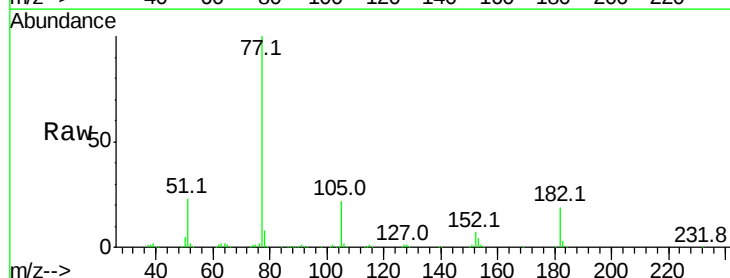
Instrument :
BNA_F
ClientSampleId :

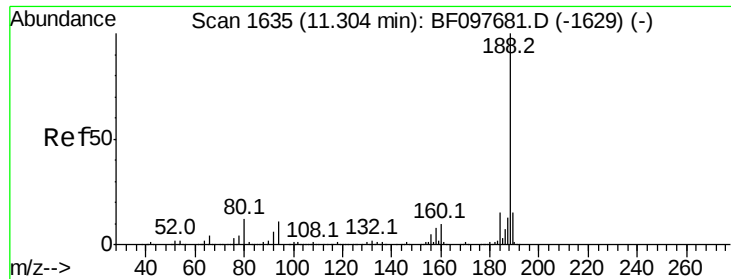
Tot Ion:138 Resp: 154162
Ion Ratio Lower Upper
138 100
92 58.4 21.8 61.8
108 77.0 42.3 82.3



#62
Azobenzene
Concen: 40.476 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion: 77 Resp: 702920
Ion Ratio Lower Upper
77 100
182 18.9 0.1 40.1
105 22.0 3.6 43.6
51 22.8 9.4 49.4

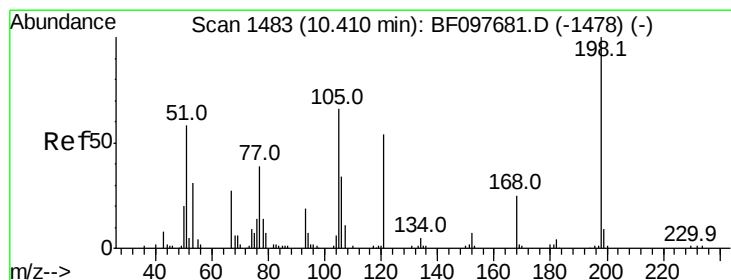
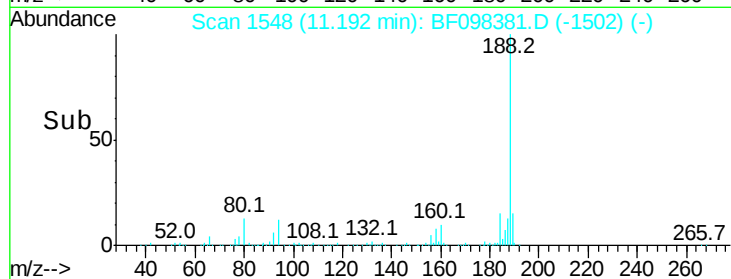
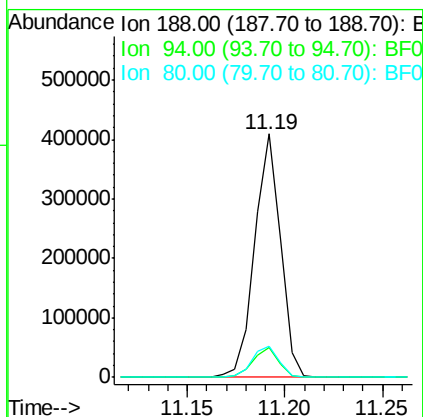
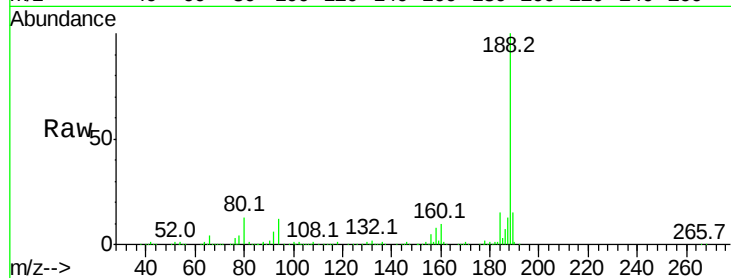




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

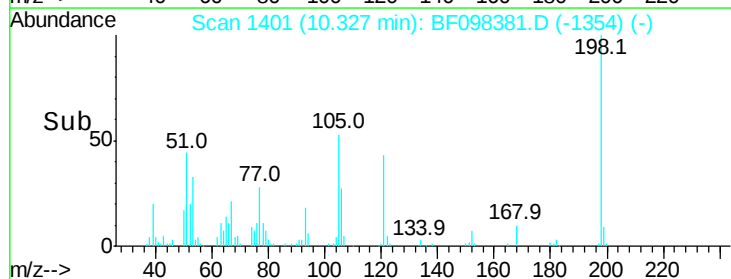
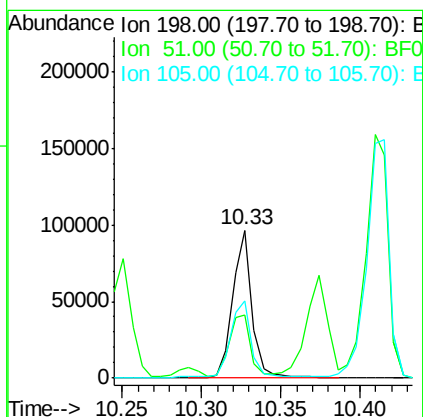
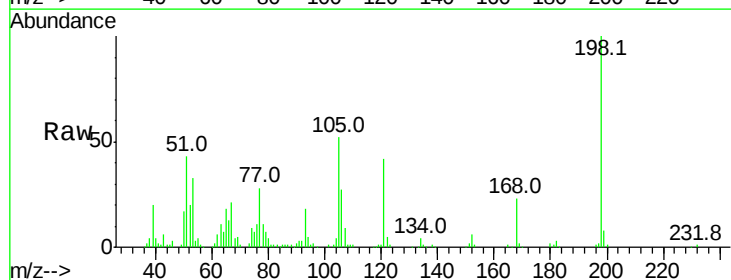
Instrument :
 BNA_F
 ClientSampled :

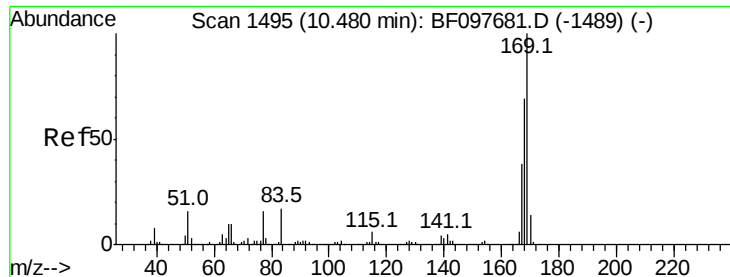
Tot Ion:188 Resp: 376277
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.4 14.2
 80 12.9 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.672 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion:198 Resp: 82261
 Ion Ratio Lower Upper
 198 100
 51 42.7 53.2 93.2#
 105 51.9 45.8 85.8

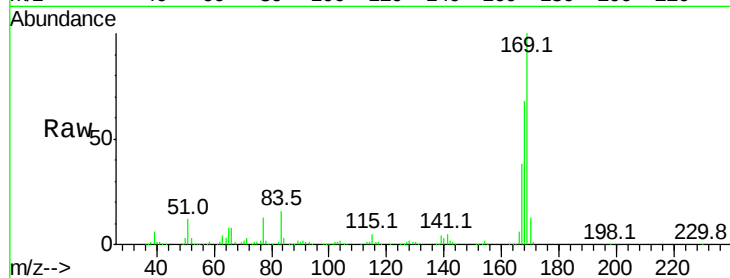




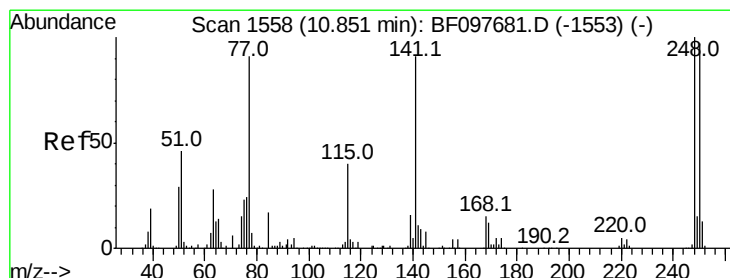
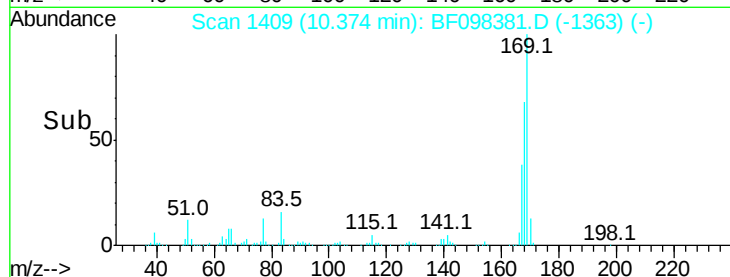
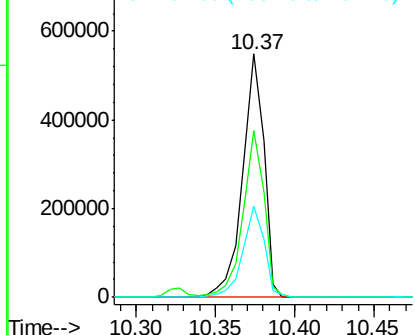
#65
n-Nitrosodiphenylamine
Concen: 39.919 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 511493
Ion Ratio Lower Upper
169 100
168 68.4 53.2 79.8
167 37.7 29.5 44.3

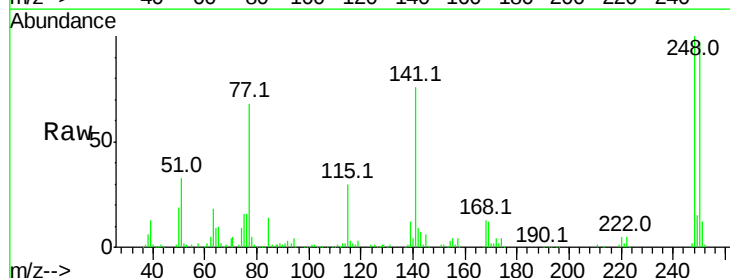


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

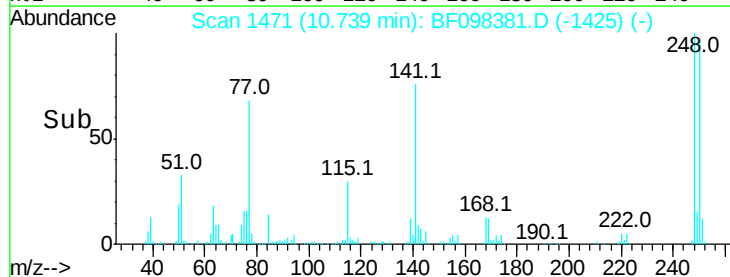
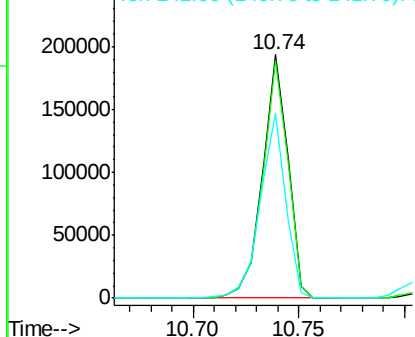


#66
4-Bromophenyl-phenylether
Concen: 41.806 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:248 Resp: 163351
Ion Ratio Lower Upper
248 100
250 97.4 76.8 115.2
141 76.0 68.6 103.0



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

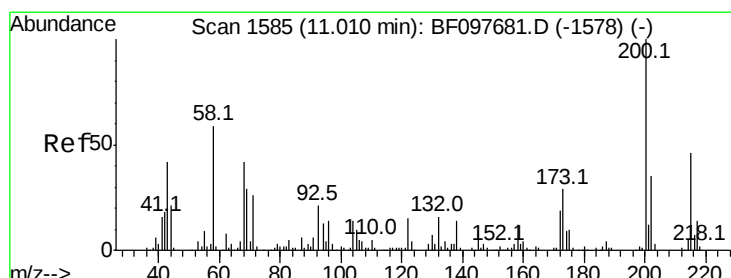
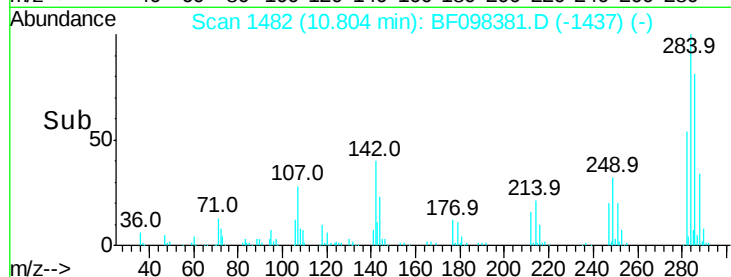
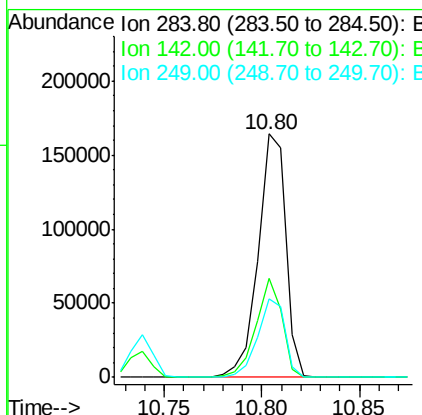
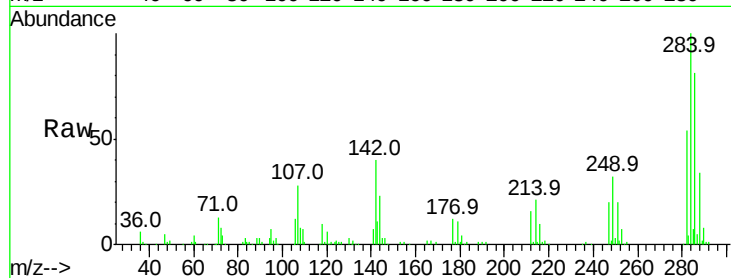




#67
Hexachlorobenzene
Concen: 40.561 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

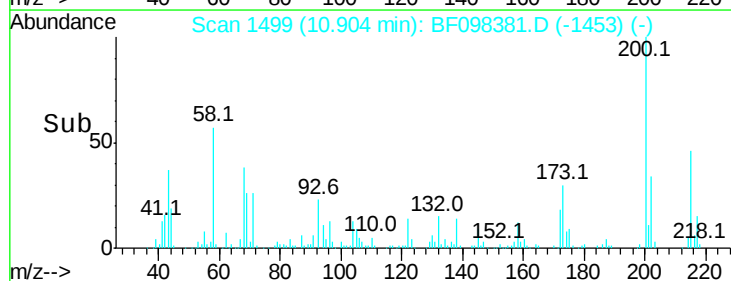
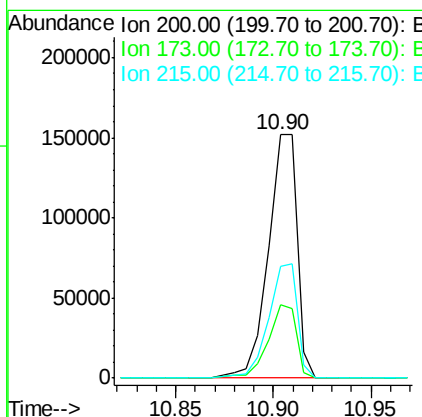
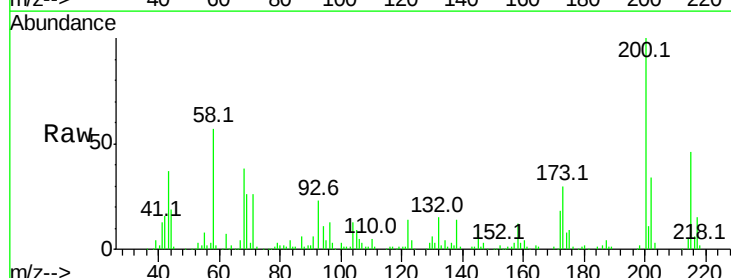
Instrument :
BNA_F
ClientSampled :

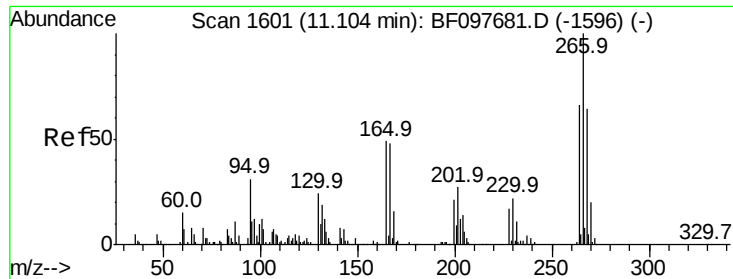
Tot Ion	Ratio	Lower	Upper
284	100		
142	40.5	22.8	34.2#
249	32.2	24.0	36.0



#68
Atrazine
Concen: 45.870 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.3	6.3	46.3
215	45.8	27.2	67.2

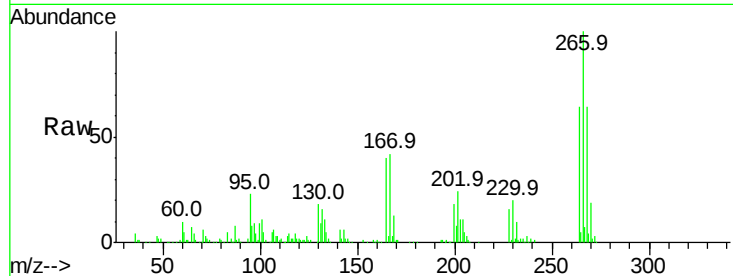




#69
 Pentachlorophenol
 Concen: 59.936 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.6	51.7	77.5

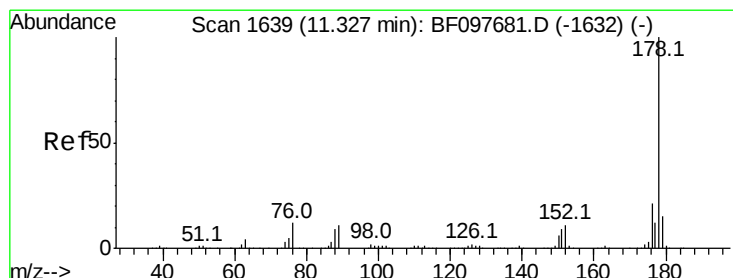
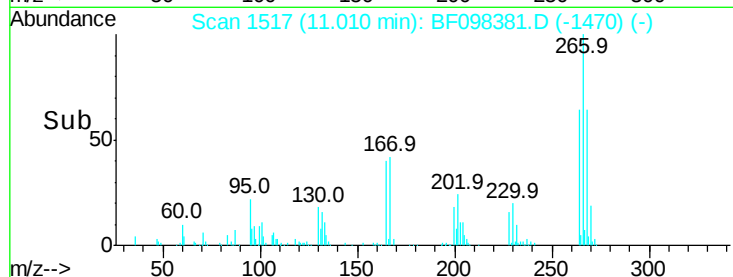
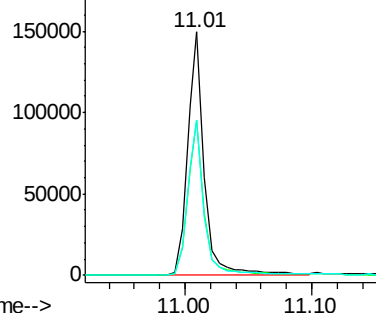


Abundance

Ion 265.70 (265.40 to 266.40): E

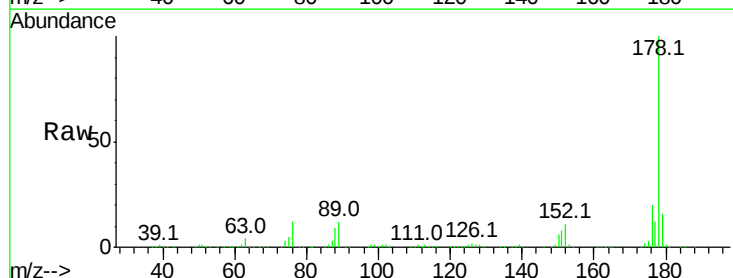
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.211 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.6	12.6	19.0

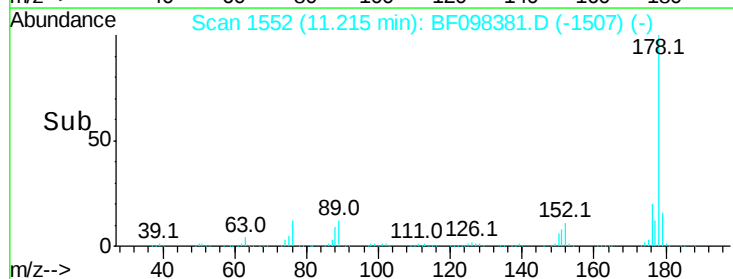
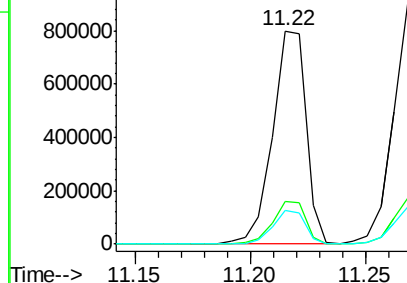


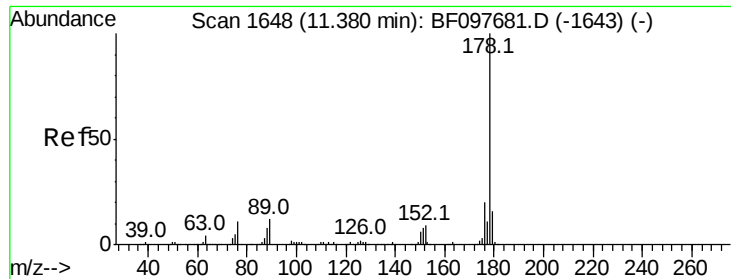
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

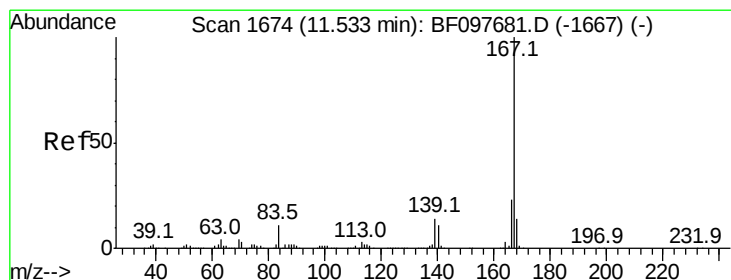
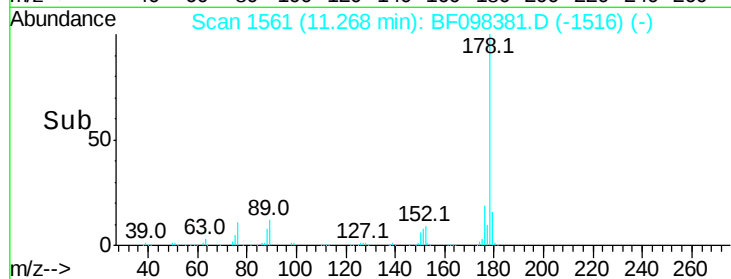
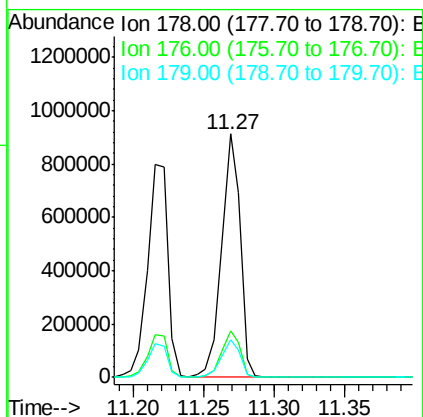
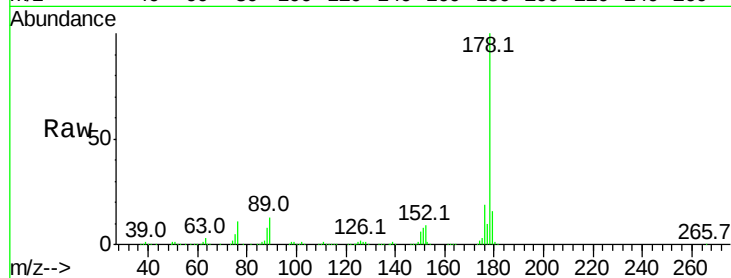




#71
 Anthracene
 Concen: 40.997 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

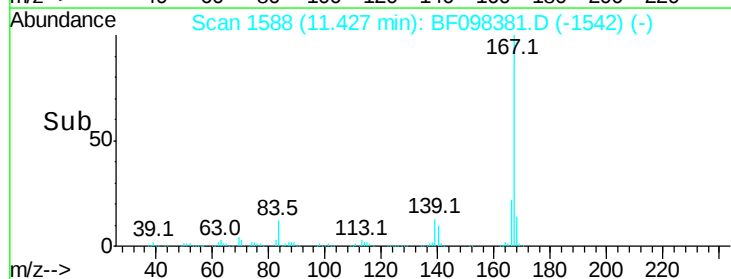
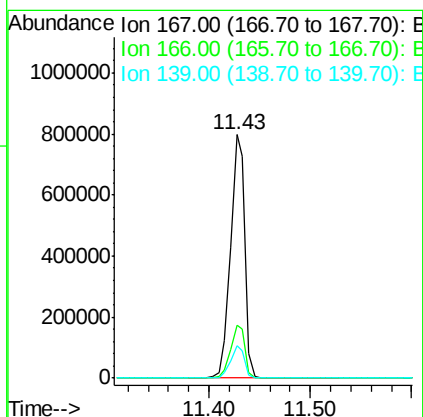
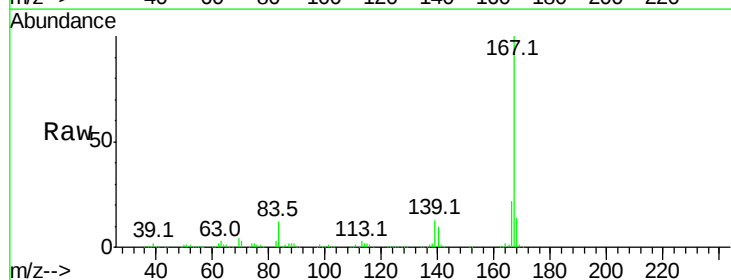
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 833747
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 40.252 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion:167 Resp: 777016
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.2 11.7 17.5

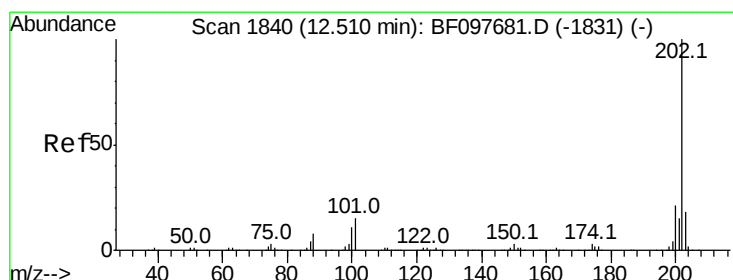
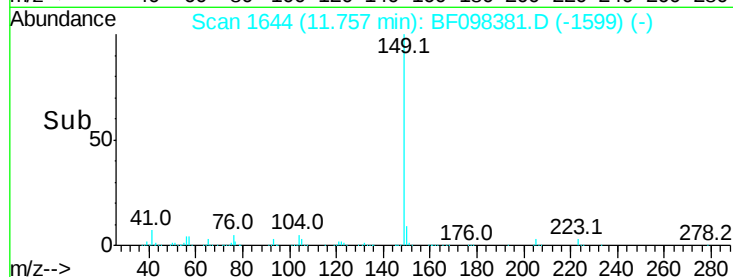
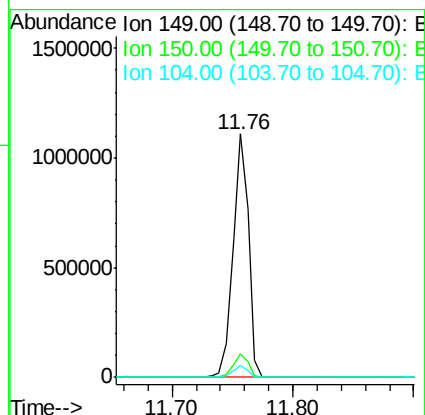
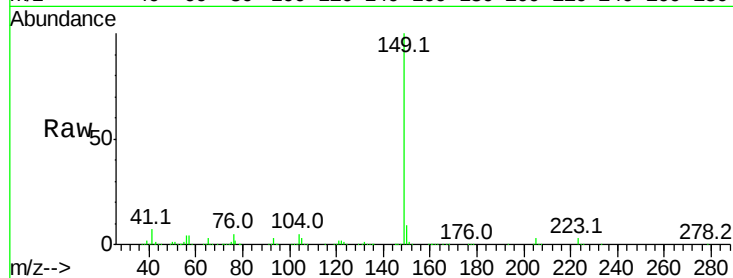




#73
Di-n-butylphthalate
Concen: 44.187 ng
RT: 11.76 min Scan# 1644
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

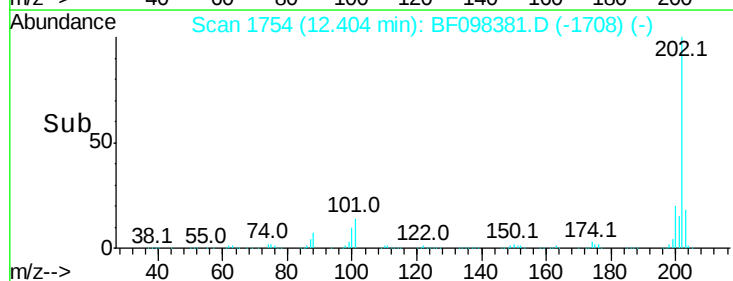
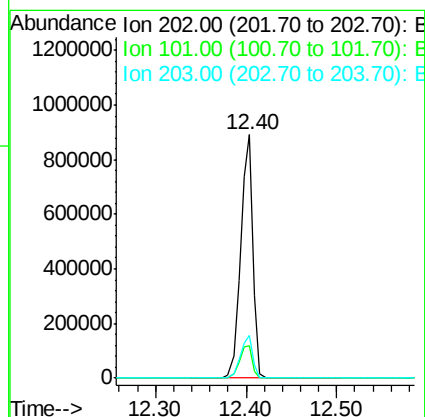
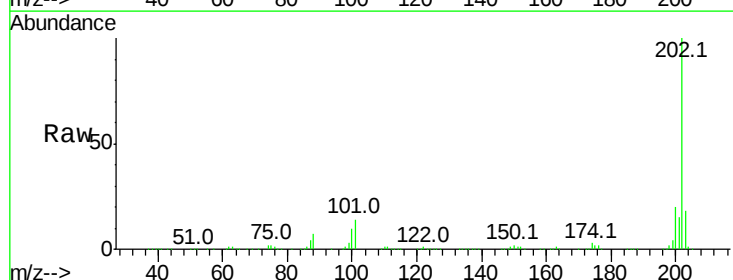
Instrument :
BNA_F
ClientSampled :

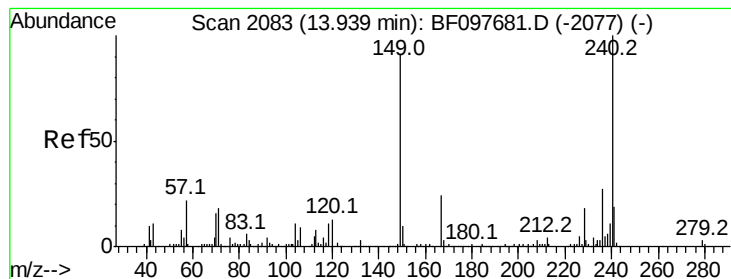
Tot Ion:149 Resp: 982509
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.0 4.0 6.0



#74
Fluoranthene
Concen: 40.763 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:202 Resp: 853105
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

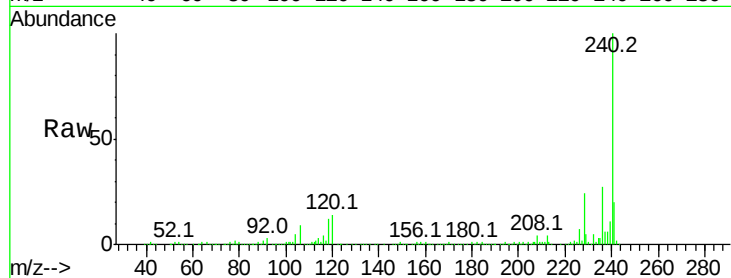
Tot Ion:240 Resp: 266141

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

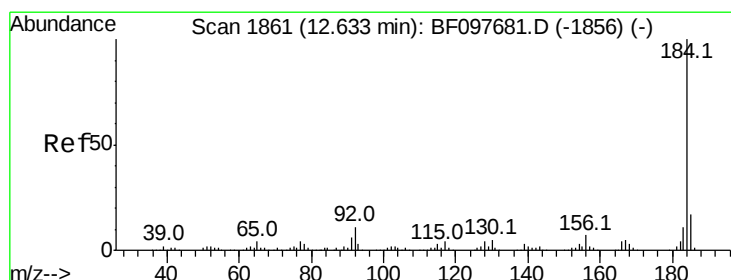
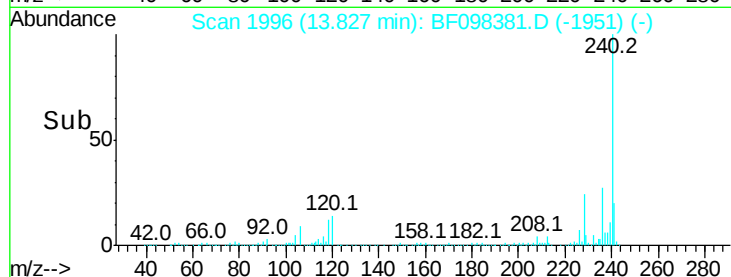
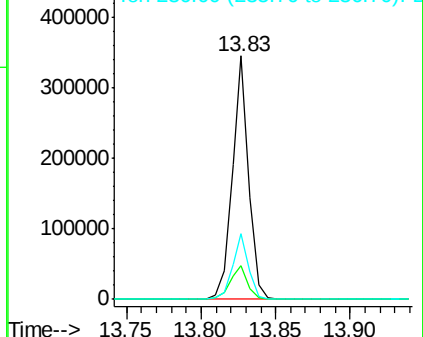
236 26.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.837 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

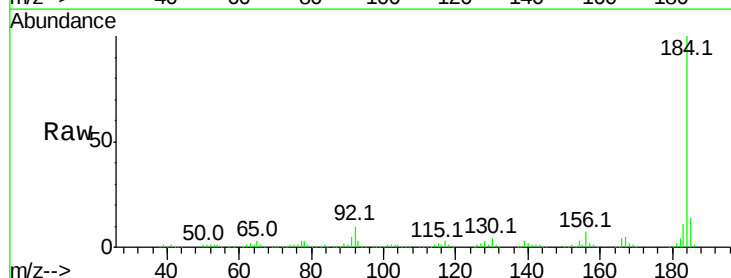
Tgt Ion:184 Resp: 391256

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

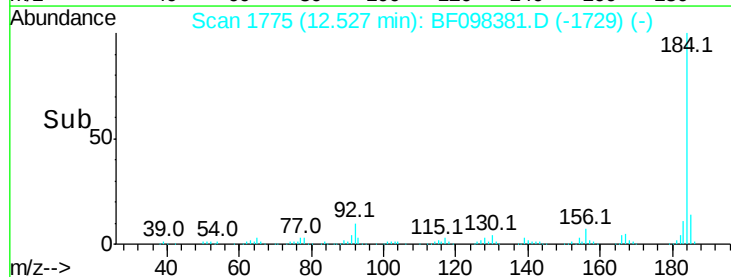
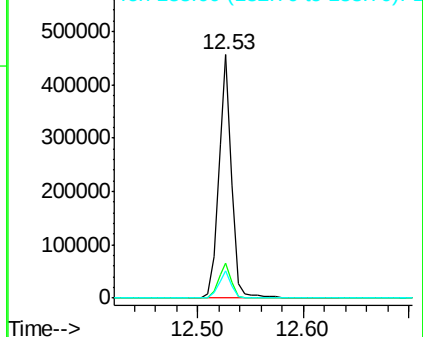
183 11.4 9.8 14.6

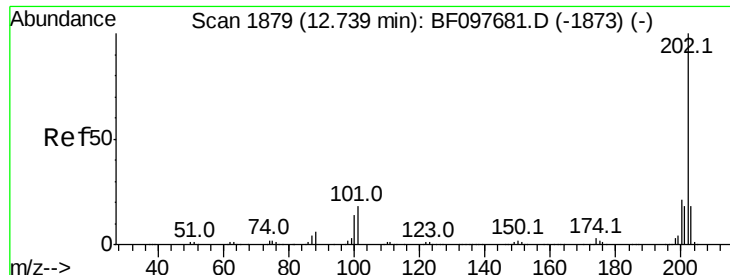


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

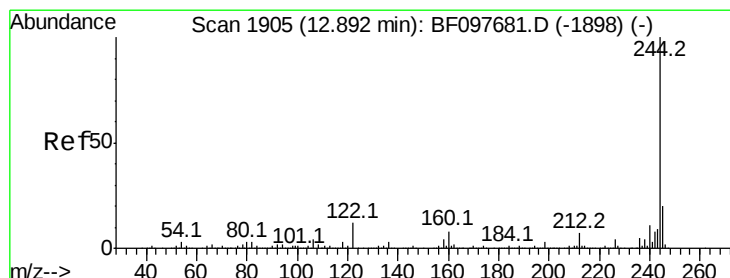
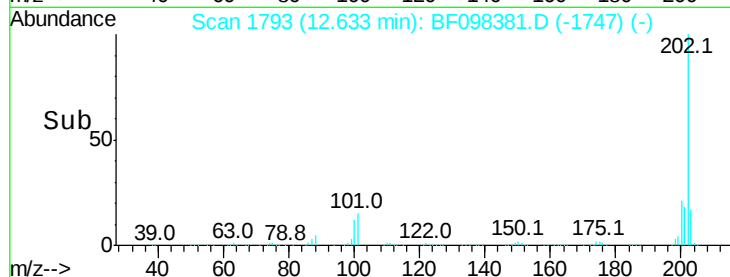
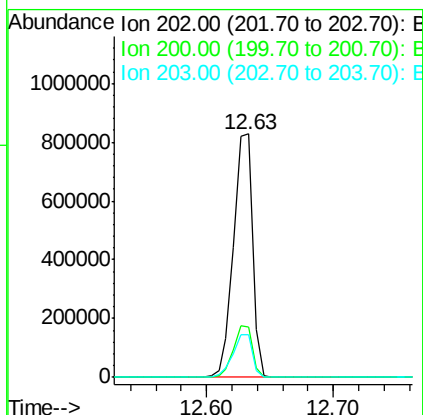
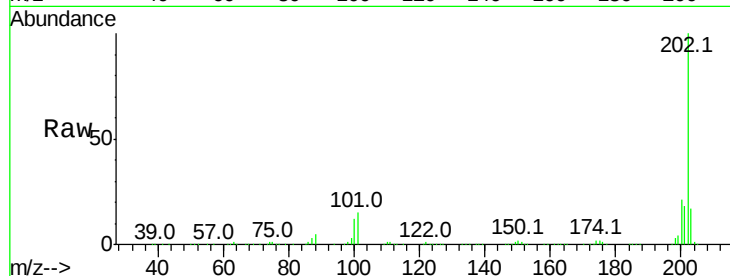




#77
 Pvrene
 Concen: 39.449 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

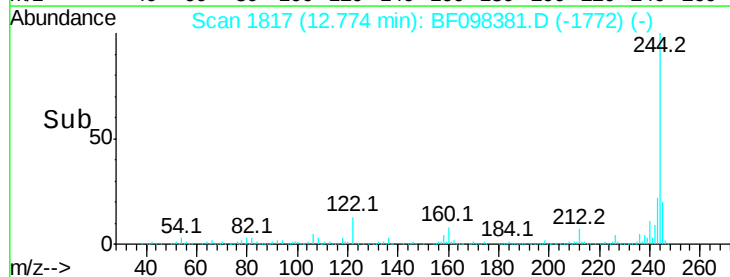
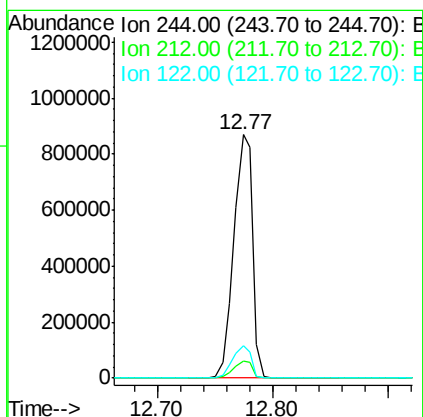
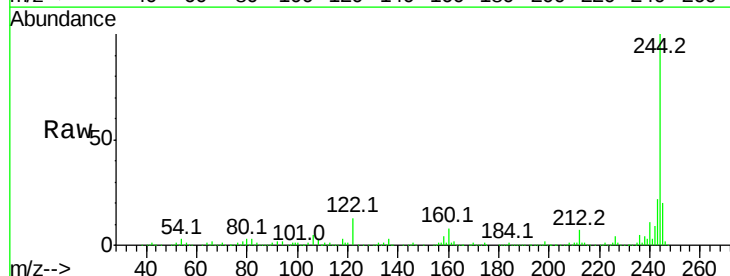
Instrument :
 BNA_F
 ClientSampled :

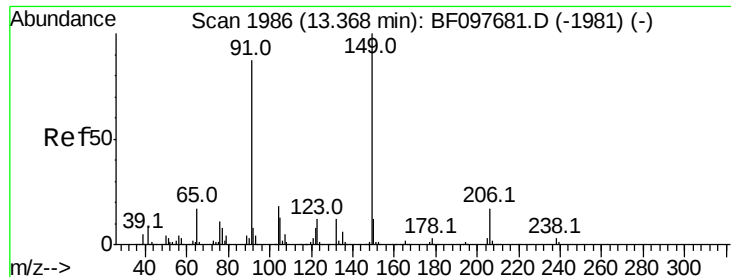
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.3	14.4	21.6



#78
 Terphenyl-d14
 Concen: 76.580 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.3	10.3	15.5

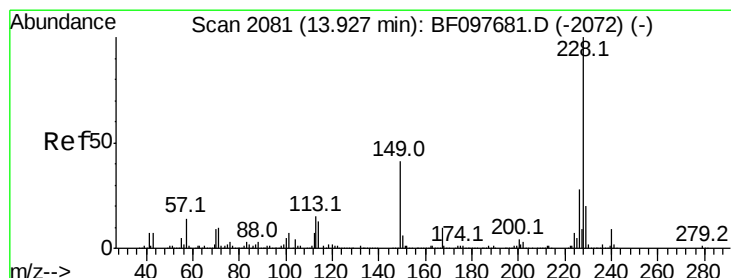
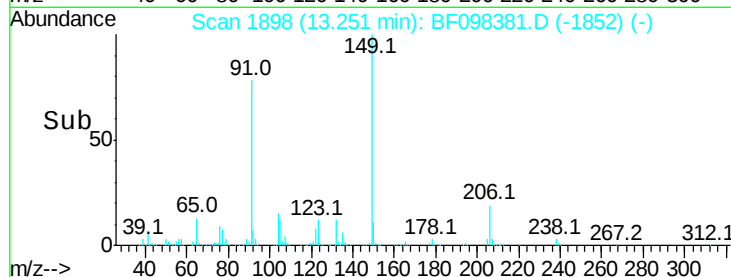
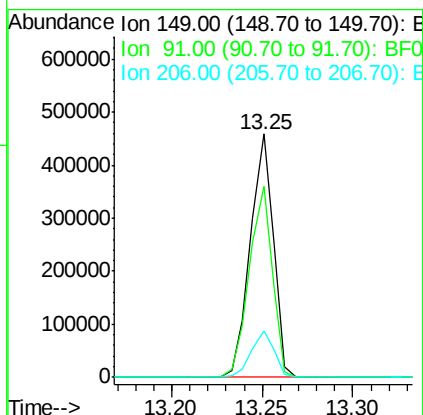
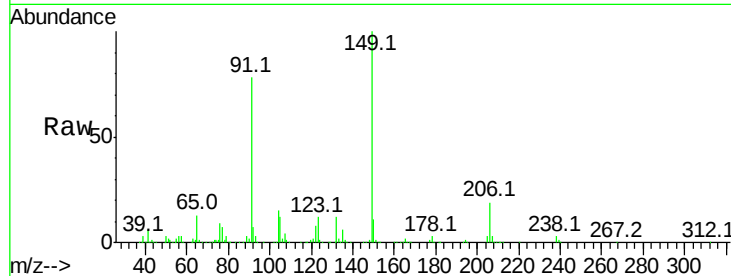




#79
Butylbenzylphthalate
Concen: 48.775 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

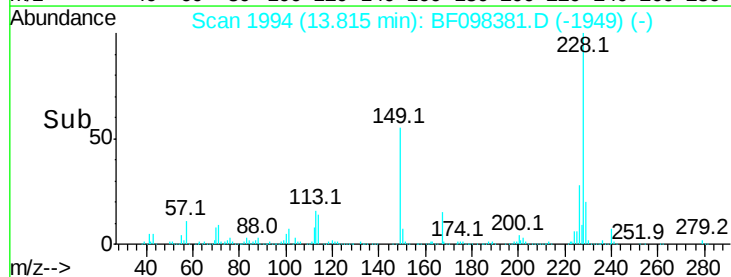
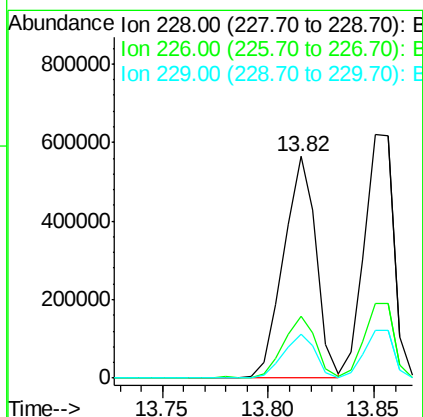
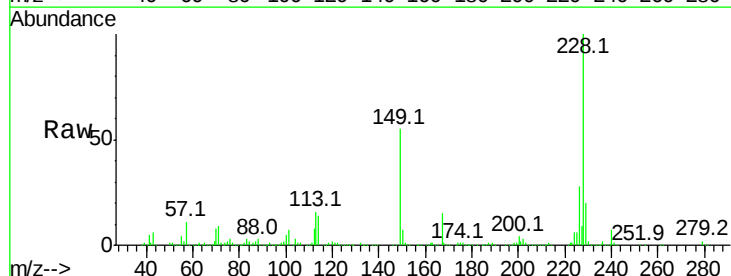
Instrument :
BNA_F
ClientSampleId :

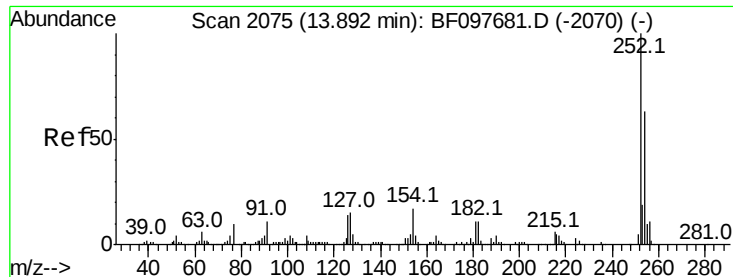
Tot Ion:149 Resp: 407061
Ion Ratio Lower Upper
149 100
91 78.3 45.0 67.4#
206 19.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 37.853 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:228 Resp: 603789
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.8 16.3 24.5

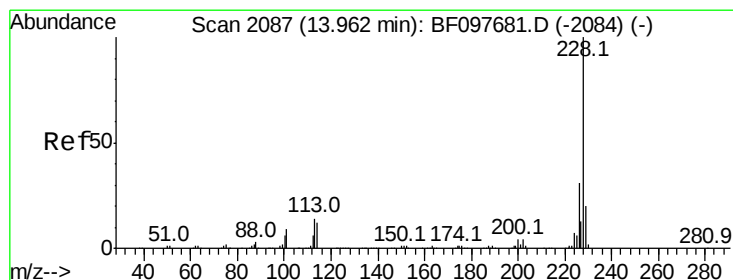
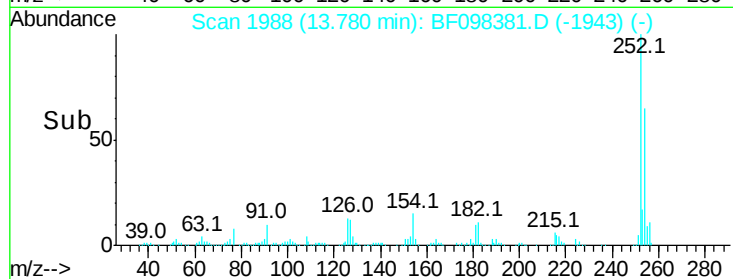
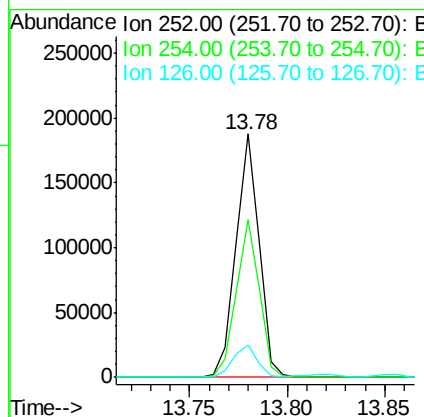
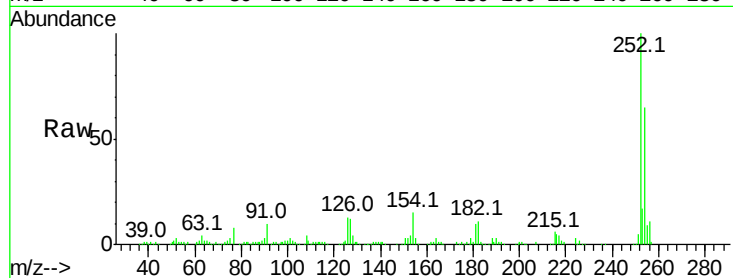




#81
 3,3'-Dichlorobenzidine
 Concen: 28.727 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

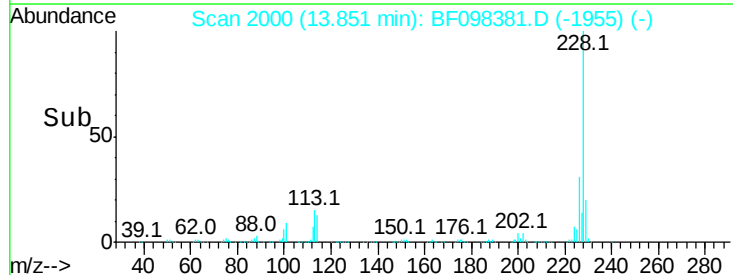
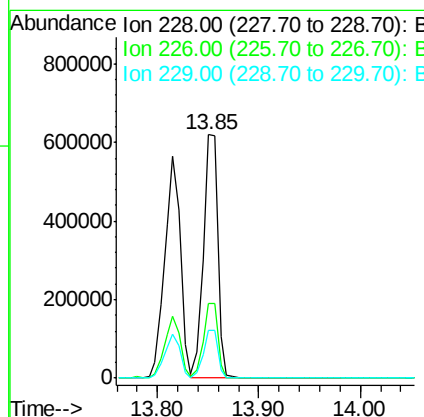
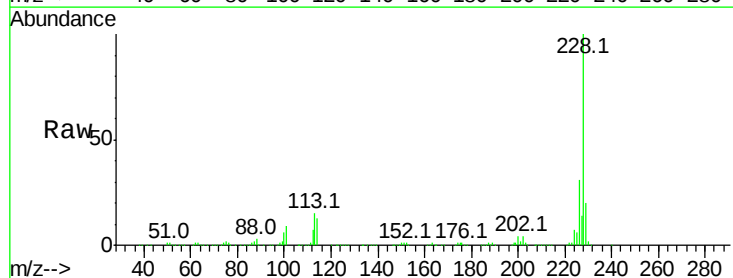
Instrument :
 BNA_F
 ClientSampleId :

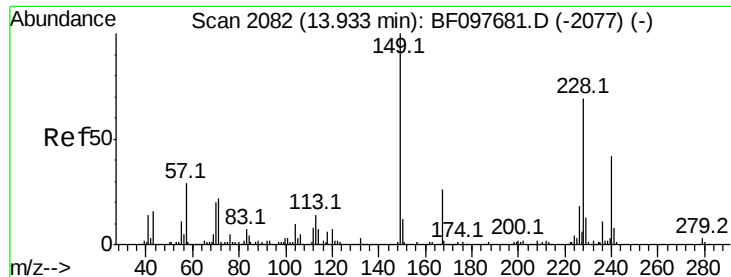
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	13.2	15.8	23.8



#82
 Chrysene
 Concen: 38.693 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.022 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

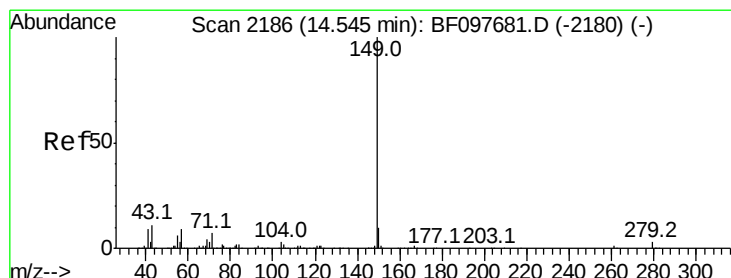
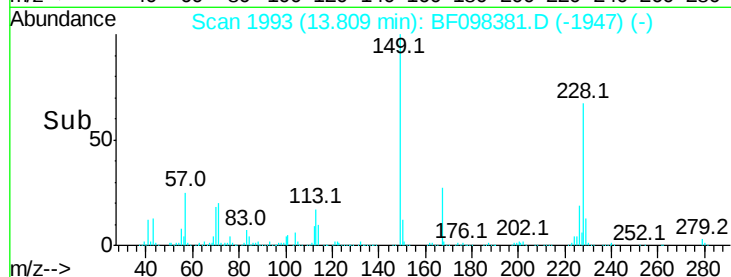
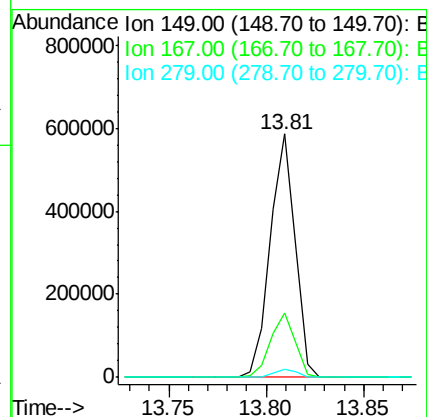
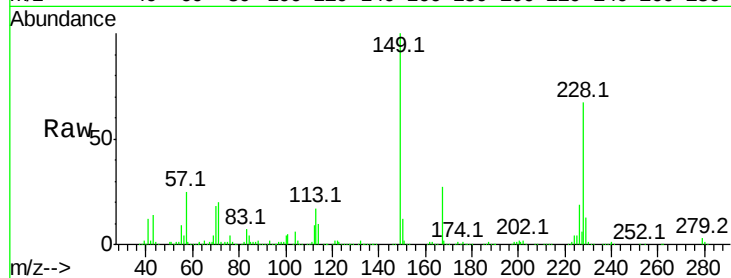
Tot Ion:149 Resp: 518086

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

279 3.4 1.9 2.9#



#84

Di-n-octyl phthalate

Concen: 55.041 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

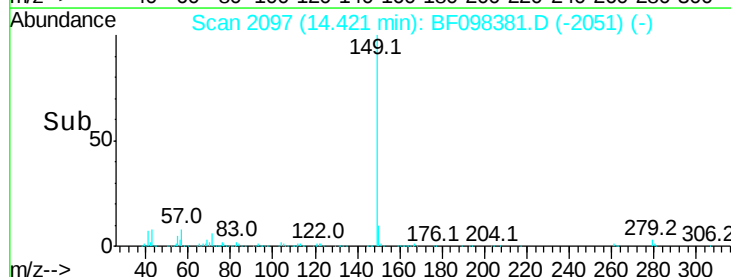
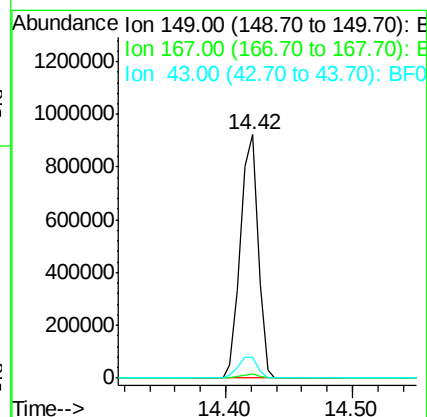
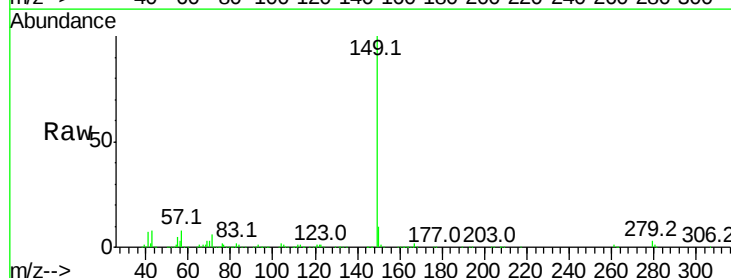
Tgt Ion:149 Resp: 885659

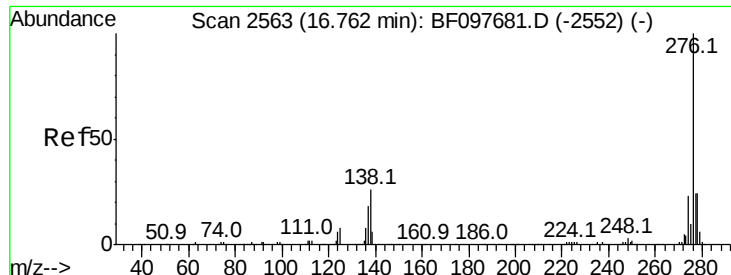
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.1 8.5 12.7

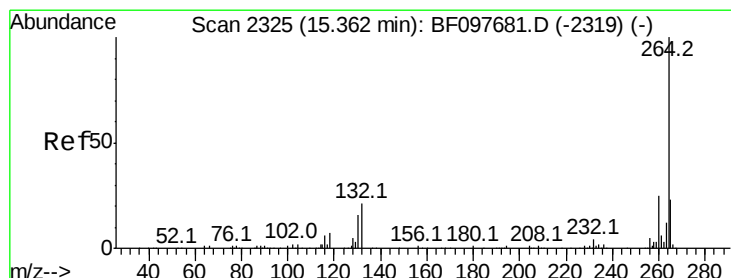
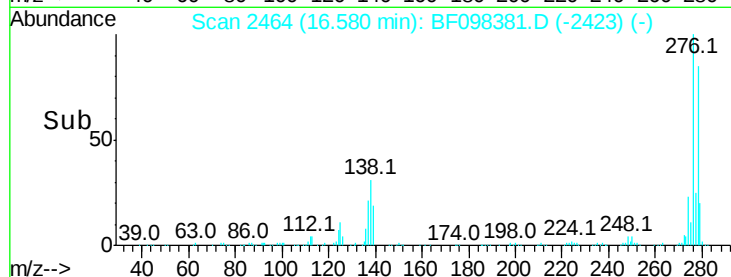
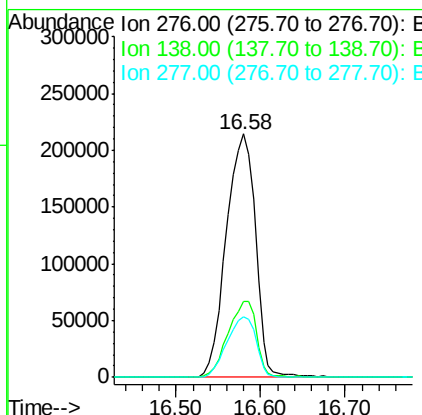
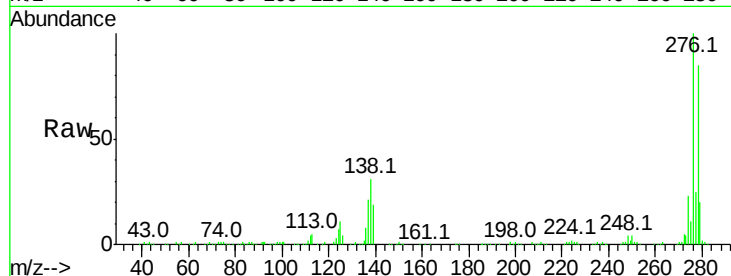




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.845 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.06 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

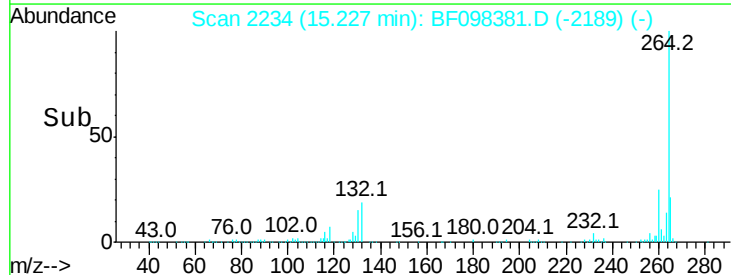
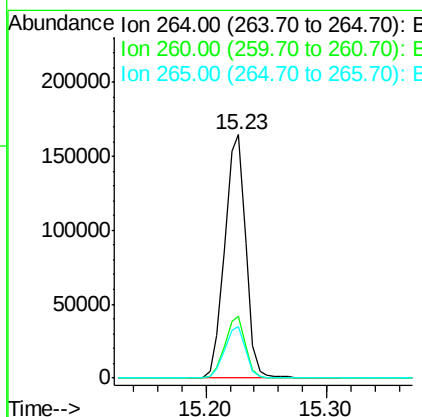
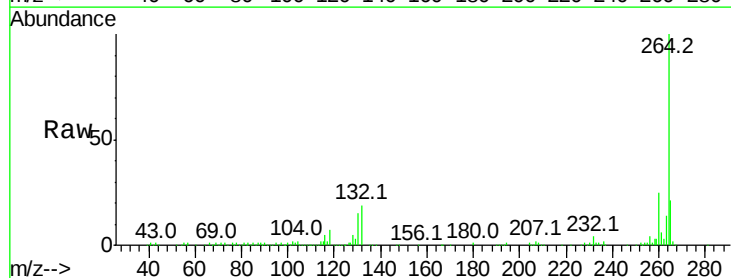
Instrument :
 BNA_F
 ClientSampleId :

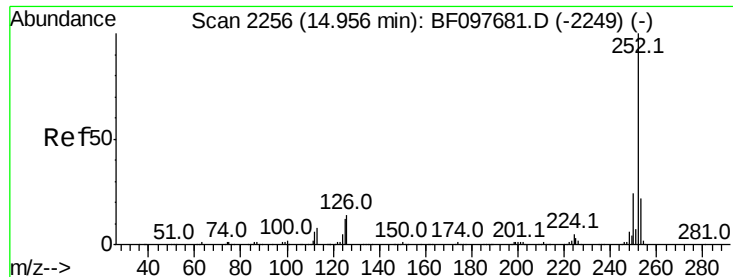
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.0	17.2	25.8

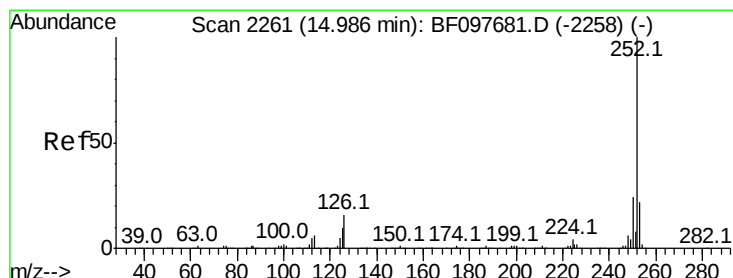
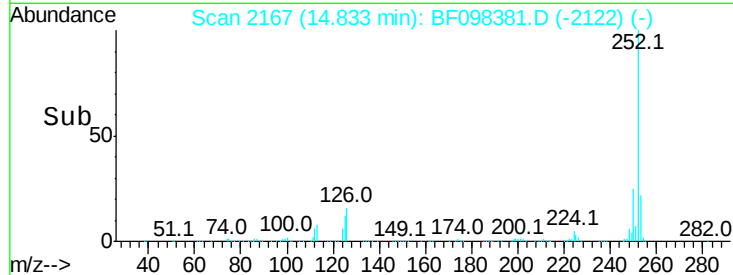
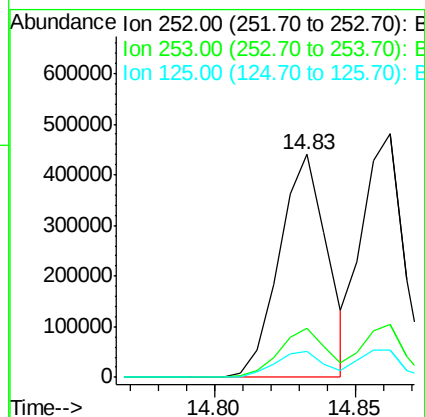
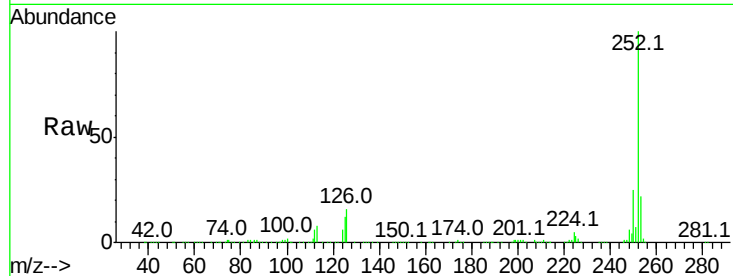




#87
Benzo(b)fluoranthene
Concen: 41.410 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

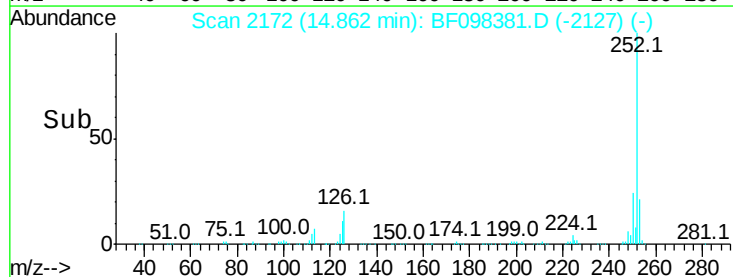
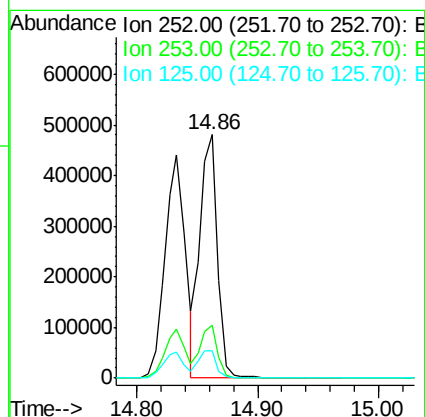
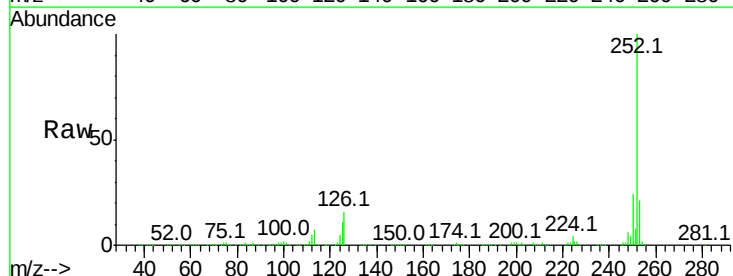
Instrument :
BNA_F
ClientSampleId :

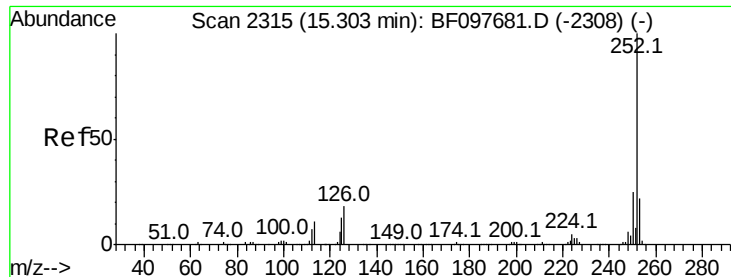
Tot Ion:252 Resp: 518716
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 41.217 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:252 Resp: 485074
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 11.2 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 43.077 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.04 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampled :

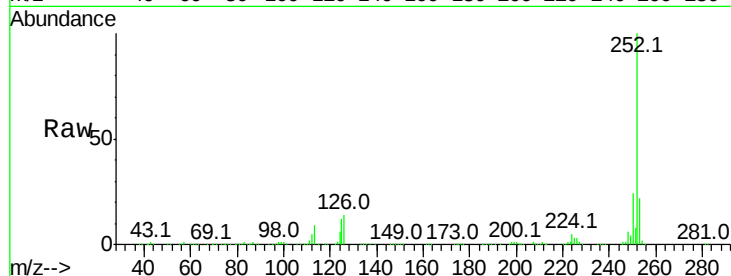
Tot Ion:252 Resp: 477694

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

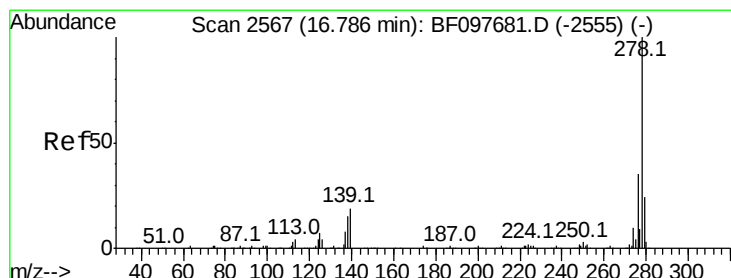
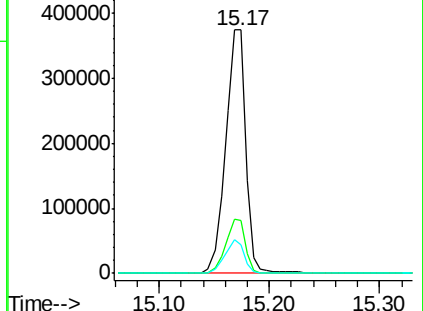
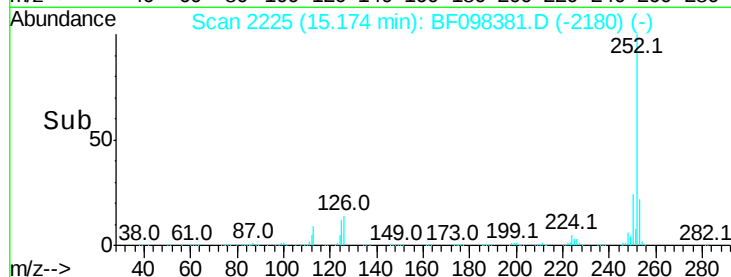
125 11.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.591 ng

RT: 16.59 min Scan# 2466

Delta R.T. -0.06 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

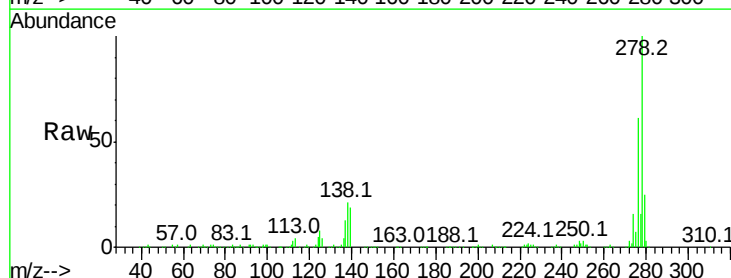
Tgt Ion:278 Resp: 420625

Ion Ratio Lower Upper

278 100

139 19.0 16.6 24.8

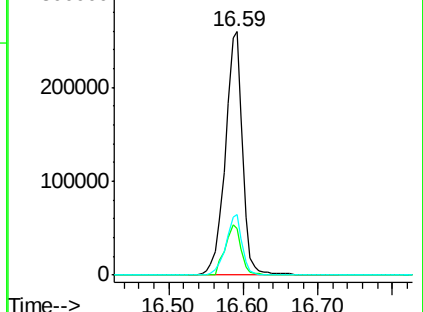
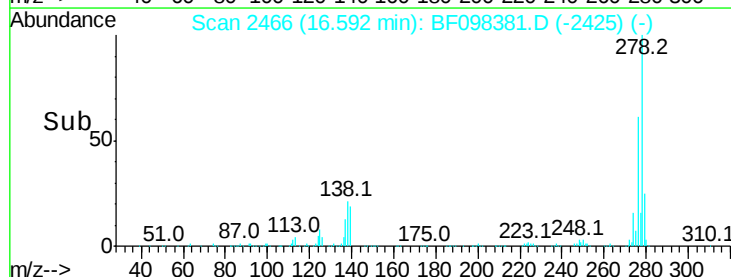
279 24.8 19.3 28.9

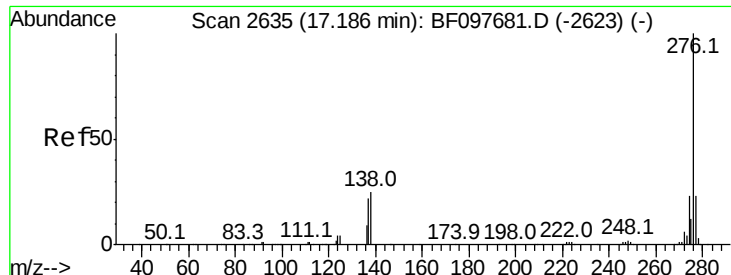


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

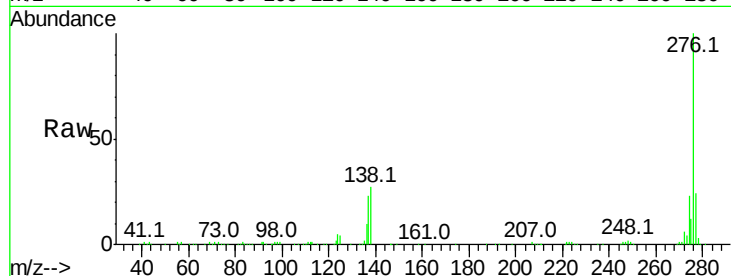




#91
 Benzo(a,h,i)perylene
 Concen: 46.830 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.07 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 441140
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.6 28.0
 138 27.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

