

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098482.D
 Acq On : 13 Sep 2017 11:26
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 13:33:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	200381	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	837551	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	378292	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	700088	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	521241	20.00	ng	-0.01
86) Perylene-d12	15.20	264	445260	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1054994	77.84	ng	-0.02
7) Phenol-d6	6.31	99	1308574	76.05	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1133936	75.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	234720	92.97	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1797636	80.54	ng	-0.02
78) Terphenyl-d14	12.76	244	1777717	73.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.29	88	260574	37.251	ng	91
3) Pyridine	2.97	79	707711	38.097	ng	86
4) n-Nitrosodimethylamine	2.94	42	315398	34.631	ng	99
6) Aniline	6.32	93	802797	37.188	ng	# 21
8) 2-Chlorophenol	6.45	128	577423	38.746	ng	96
9) Benzaldehyde	6.20	77	400297	35.586	ng	93
10) Phenol	6.32	94	752499	37.650	ng	# 67
11) bis(2-Chloroethyl)ether	6.40	93	561057	37.232	ng	93
12) 1,3-Dichlorobenzene	6.60	146	589894	39.326	ng	99
13) 1,4-Dichlorobenzene	6.67	146	596789	38.842	ng	96
14) 1,2-Dichlorobenzene	6.83	146	544138	38.872	ng	98
15) Benzyl Alcohol	6.81	79	430096	37.556	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.94	45	857096	34.568	ng	84
17) 2-Methylphenol	6.93	107	460961	37.932	ng	94
18) Hexachloroethane	7.16	117	218556	37.143	ng	# 85
19) n-Nitroso-di-n-propylamine	7.08	70	385726	35.637	ng	99
20) 3+4-Methylphenols	7.09	107	587846	38.332	ng	# 70
22) Acetophenone	7.07	105	814148	37.610	ng	# 93
24) Nitrobenzene	7.25	77	638753	37.326	ng	93
25) Isophorone	7.49	82	1103257	36.296	ng	100
26) 2-Nitrophenol	7.56	139	304340	44.047	ng	# 84
27) 2,4-Dimethylphenol	7.61	122	502969	38.187	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	687182	37.050	ng	100
29) 2,4-Dichlorophenol	7.81	162	450838	41.156	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	480750	40.344	ng	99
31) Naphthalene	7.96	128	1601350	38.676	ng	100
32) Benzoic acid	7.77	122	352303	41.222	ng	100
33) 4-Chloroaniline	8.02	127	675097	40.119	ng	97
34) Hexachlorobutadiene	8.07	225	245732	40.170	ng	97
35) Caprolactam	8.41	113	147686	39.097	ng	# 80
36) 4-Chloro-3-methylphenol	8.51	107	535658	39.429	ng	# 82
37) 2-Methylnaphthalene	8.65	142	984815	39.266	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	479990	40.733	ng	99
40) Hexachlorocyclopentadiene	8.80	237	98146	34.777	ng	99

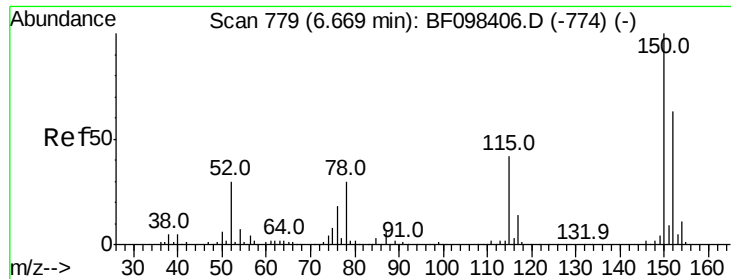
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098482.D
 Acq On : 13 Sep 2017 11:26
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 13:33:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	303082	43.789	nq	92
43) 2,4,5-Trichlorophenol	8.98	196	306686	42.393	nq	96
45) 1,1'-Biphenyl	9.12	154	1312486	38.763	nq	97
46) 2-Chloronaphthalene	9.14	162	953933	39.449	nq #	92
47) 2-Nitroaniline	9.25	65	354042	38.146	nq	97
48) Acenaphthylene	9.56	152	1405756	39.098	nq	99
49) Dimethylphthalate	9.42	163	1112939	38.006	nq	100
50) 2,6-Dinitrotoluene	9.49	165	249480	41.476	nq #	87
51) Acenaphthene	9.73	154	892094	39.033	nq	97
52) 3-Nitroaniline	9.66	138	297102	40.918	nq	95
53) 2,4-Dinitrophenol	9.77	184	110344	43.198	nq #	74
54) Dibenzofuran	9.90	168	1150586	38.214	nq	99
55) 4-Nitrophenol	9.83	139	174438	41.815	nq #	50
56) 2,4-Dinitrotoluene	9.89	165	302890	41.419	nq #	54
57) Fluorene	10.24	166	956677	38.388	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	208655	42.916	nq	97
59) Diethylphthalate	10.12	149	1034079	37.132	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	448887	38.997	nq #	84
61) 4-Nitroaniline	10.27	138	298410	40.695	nq	90
62) Azobenzene	10.39	77	1042259	34.724	nq	97
64) 4,6-Dinitro-2-methylphenol	10.31	198	181438	42.848	nq #	66
65) n-Nitrosodiphenylamine	10.35	169	888503	39.086	nq	98
66) 4-Bromophenyl-phenylether	10.72	248	267730	40.294	nq	96
67) Hexachlorobenzene	10.79	284	280254	41.582	nq #	89
68) Atrazine	10.89	200	271934	38.857	nq	98
69) Pentachlorophenol	10.99	266	121754	44.209	nq	95
70) Phenanthrene	11.20	178	1426020	38.423	nq	99
71) Anthracene	11.25	178	1474625	38.699	nq	98
72) Carbazole	11.41	167	1365845	38.461	nq	98
73) Di-n-butylphthalate	11.74	149	1595306	37.494	nq	99
74) Fluoranthene	12.38	202	1456907	39.213	nq	99
76) Benzidine	12.51	184	843453	36.563	nq #	93
77) Pyrene	12.61	202	1525609	37.102	nq	99
79) Butylbenzylphthalate	13.23	149	686828	38.503	nq #	78
80) Benzo(a)anthracene	13.80	228	1183565	38.730	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	495439	41.717	nq #	95
82) Chrysene	13.83	228	1170957	37.907	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	854176	38.154	nq #	100
84) Di-n-octyl phthalate	14.40	149	1502865	39.126	nq	99
85) Indeno(1,2,3-cd)pyrene	16.54	276	909281	41.956	nq	100
87) Benzo(b)fluoranthene	14.81	252	1063751	37.996	nq	98
88) Benzo(k)fluoranthene	14.81	252	1063751	40.700	nq	97
89) Benzo(a)pyrene	15.14	252	987219	39.580	nq	98
90) Dibenzo(a,h)anthracene	16.55	278	740258	40.799	nq	97
91) Benzo(g,h,i)perylene	16.94	276	736484	40.357	nq	96

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

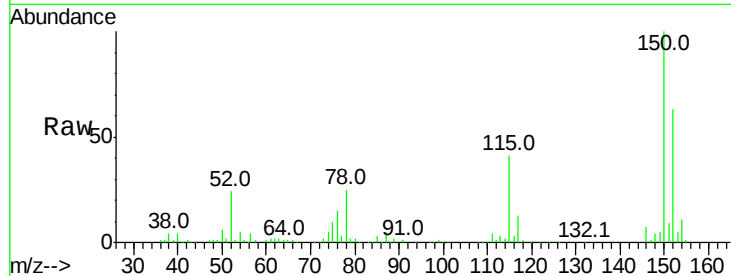


#1

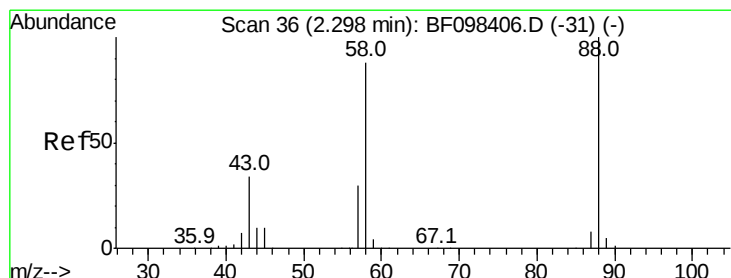
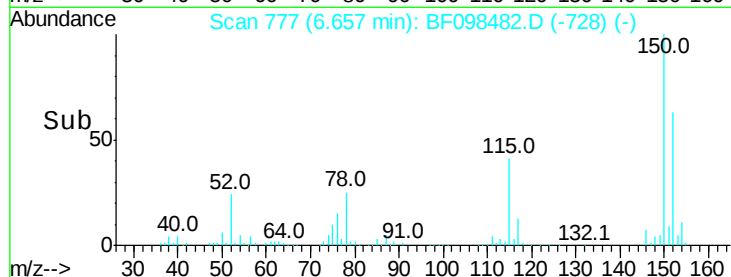
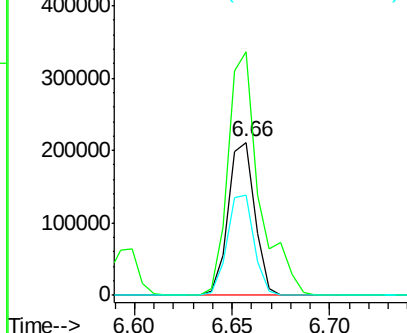
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 200381
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 65.2 52.2 78.2



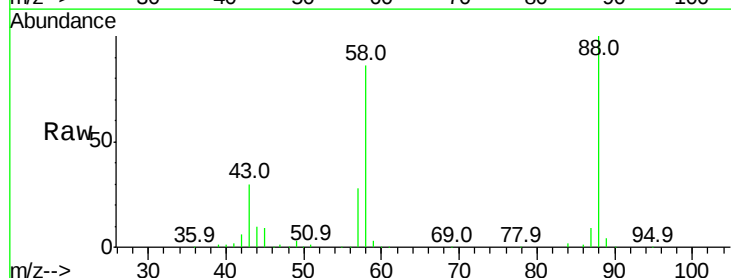
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



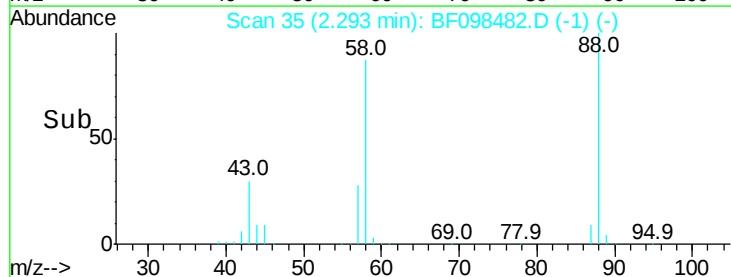
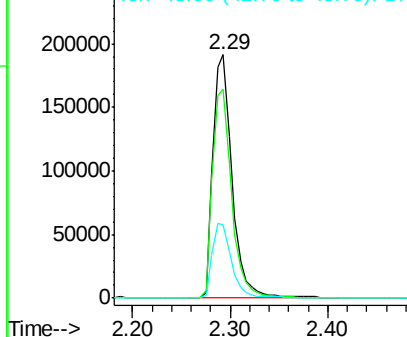
#2

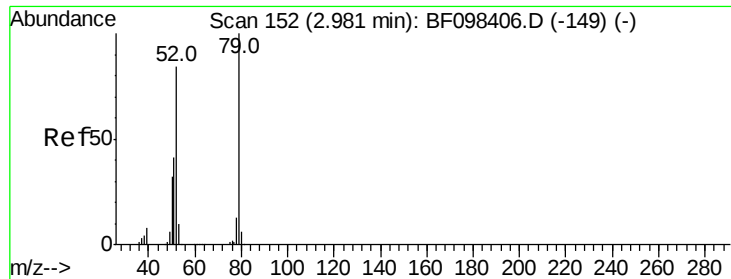
1,4-Dioxane
Concen: 37.251 ng
RT: 2.29 min Scan# 35
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion: 88 Resp: 260574
Ion Ratio Lower Upper
88 100
58 86.3 61.4 92.0
43 31.3 23.4 35.0



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





#3

Pvridine

Concen: 38.097 ng

RT: 2.97 min Scan# 150

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :

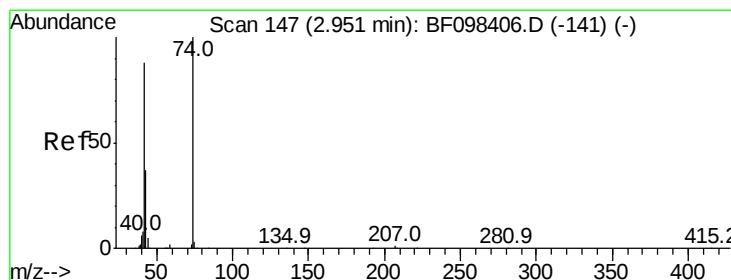
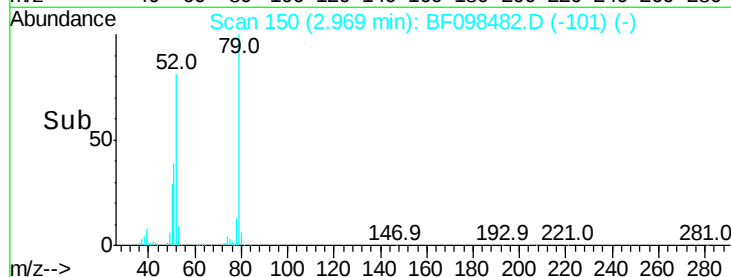
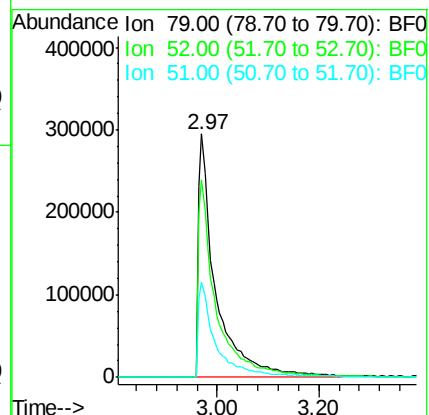
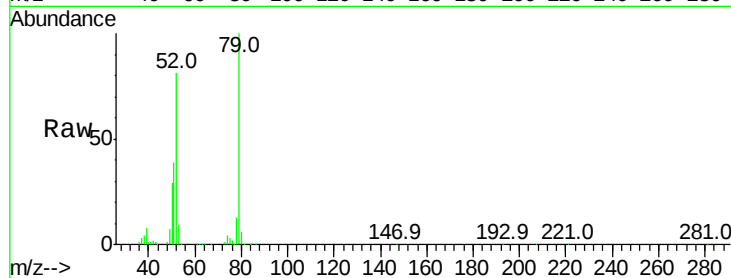
Tot Ion: 79 Resp: 707711

Ion Ratio Lower Upper

79 100

52 81.3 54.8 82.2

51 39.2 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 34.631 ng

RT: 2.94 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

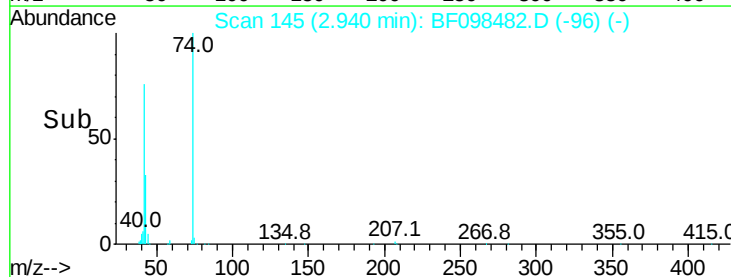
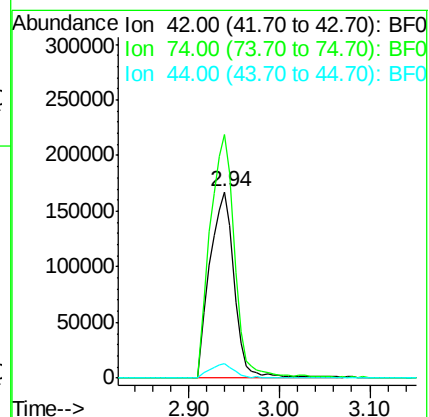
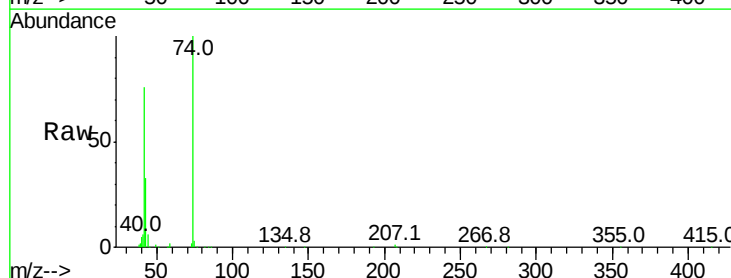
Tgt Ion: 42 Resp: 315398

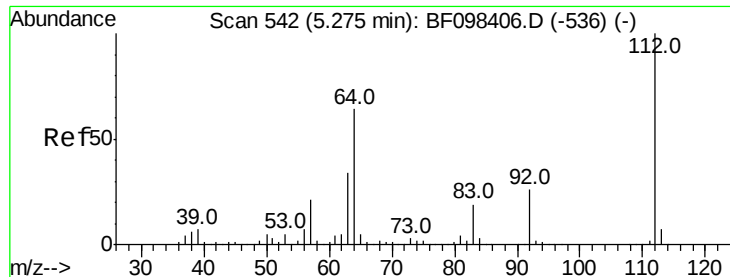
Ion Ratio Lower Upper

42 100

74 130.8 103.9 155.9

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 77.843 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampled :

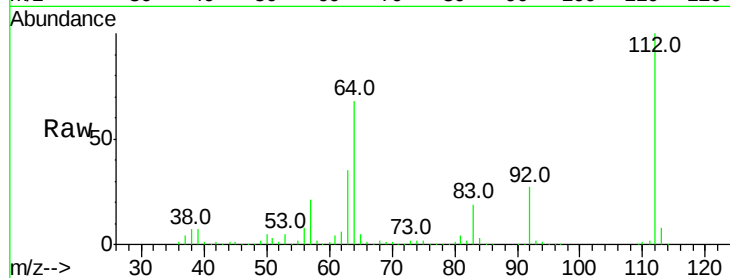
Tot Ion:112 Resp: 1054994

Ion Ratio Lower Upper

112 100

64 68.3 46.0 69.0

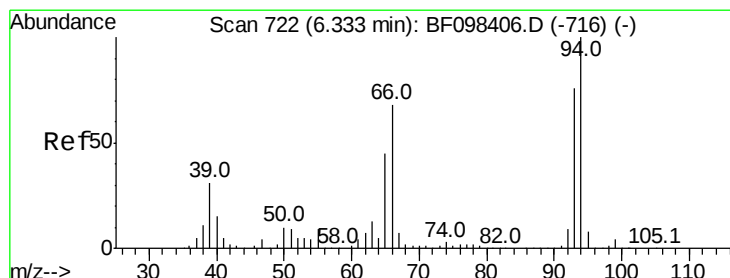
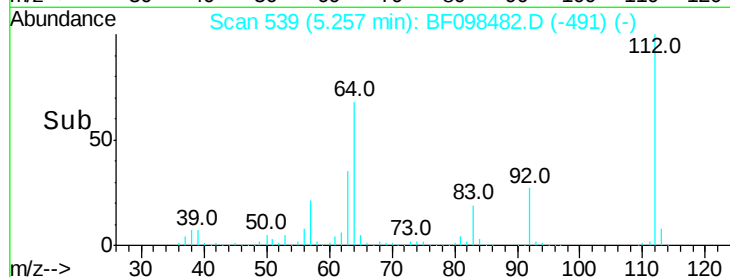
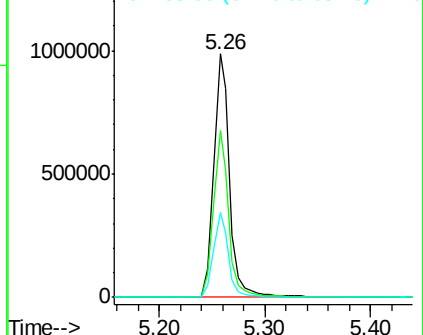
63 34.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.188 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

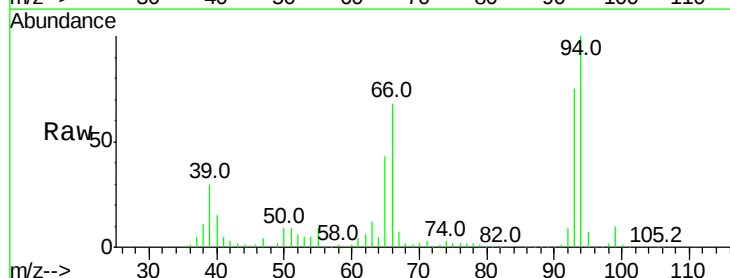
Tgt Ion: 93 Resp: 802797

Ion Ratio Lower Upper

93 100

66 90.3 32.9 49.3#

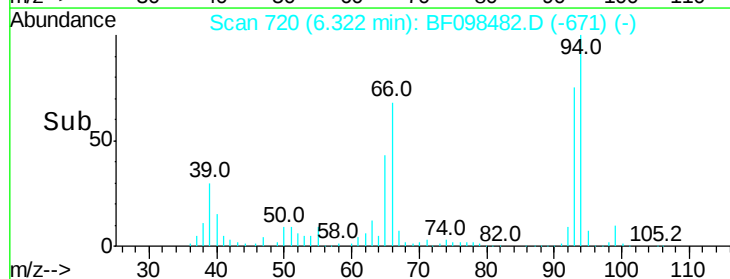
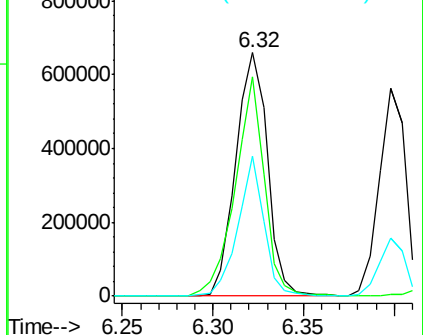
65 57.2 16.0 24.0#

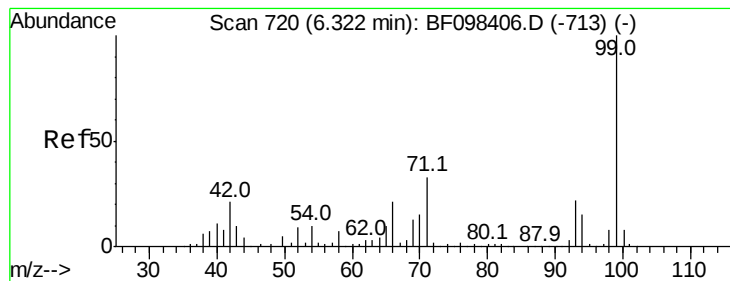


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.047 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampled :

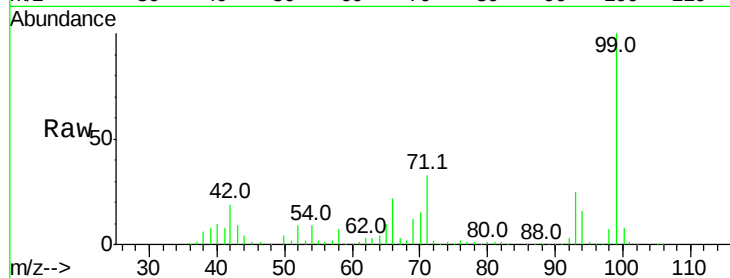
Tot Ion: 99 Resp: 1308574

Ion Ratio Lower Upper

99 100

42 19.3 13.5 20.3

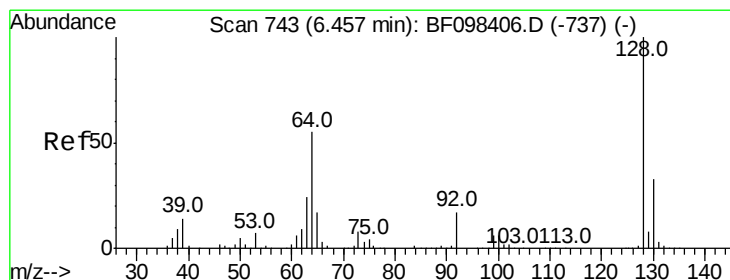
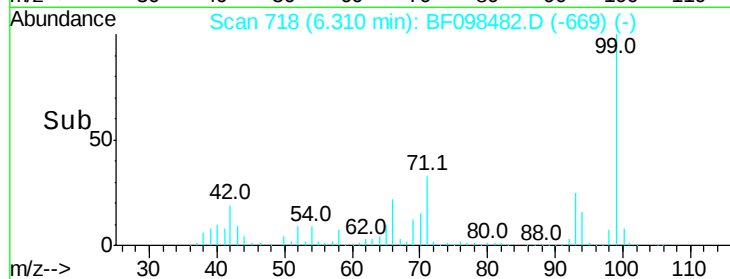
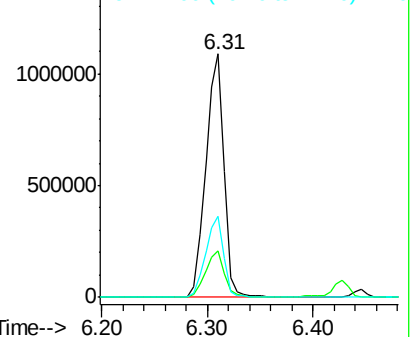
71 33.4 24.5 36.7



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: 38.746 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

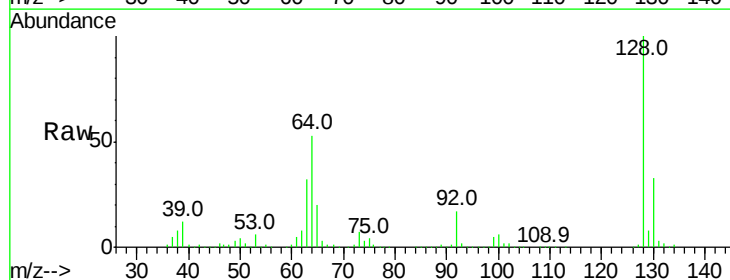
Tgt Ion: 128 Resp: 577423

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

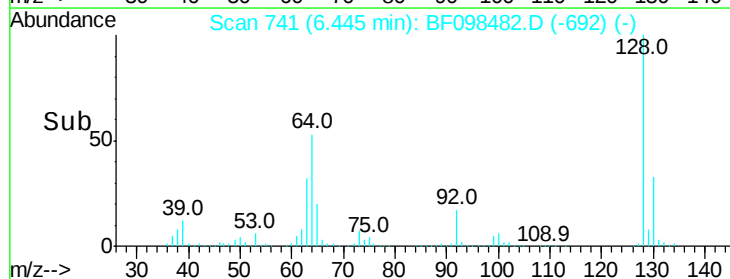
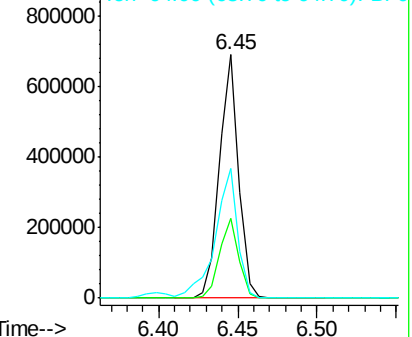
64 53.1 28.4 68.4

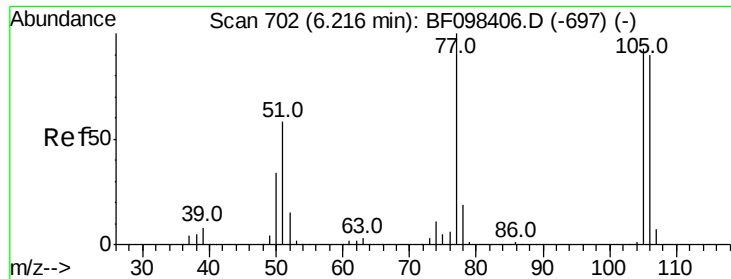


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.586 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :

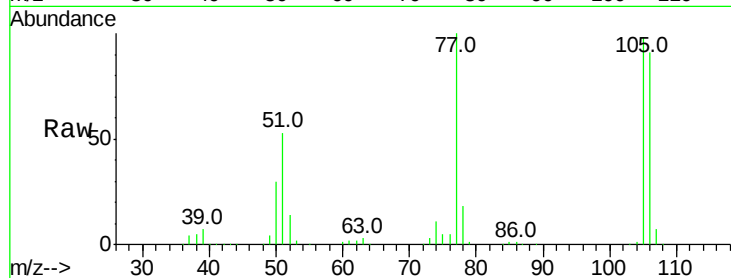
Tot Ion: 77 Resp: 400297

Ion Ratio Lower Upper

77 100

105 98.0 83.8 123.8

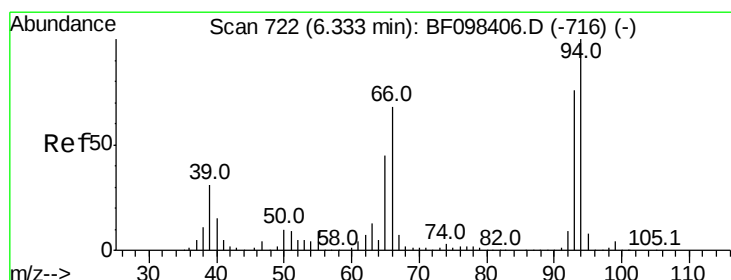
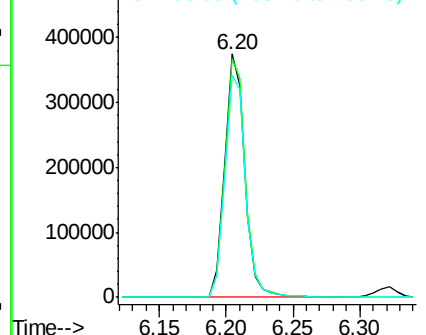
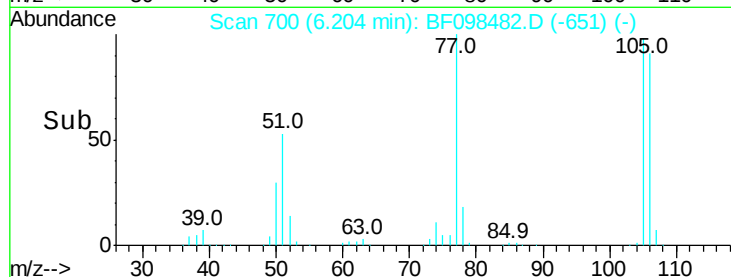
106 91.3 79.1 119.1



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: 37.650 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

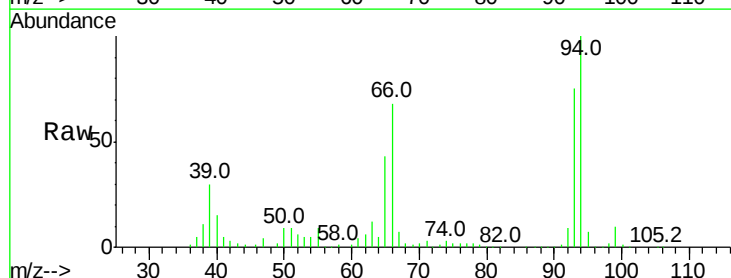
Tgt Ion: 94 Resp: 752499

Ion Ratio Lower Upper

94 100

65 43.0 9.9 49.9

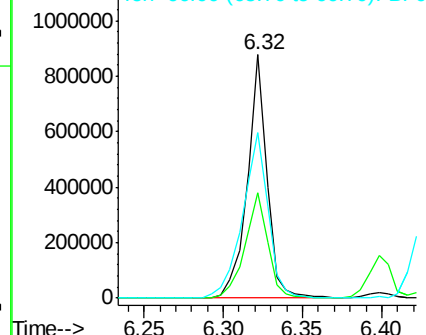
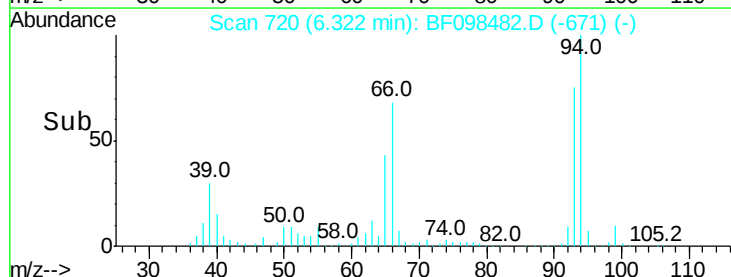
66 67.9 23.1 63.1#

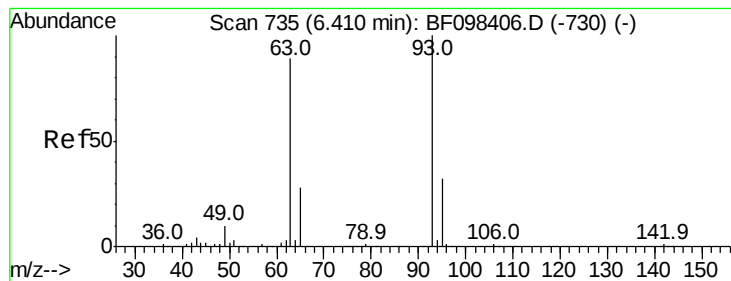


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

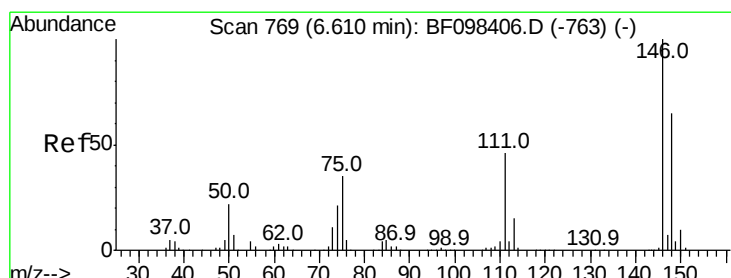
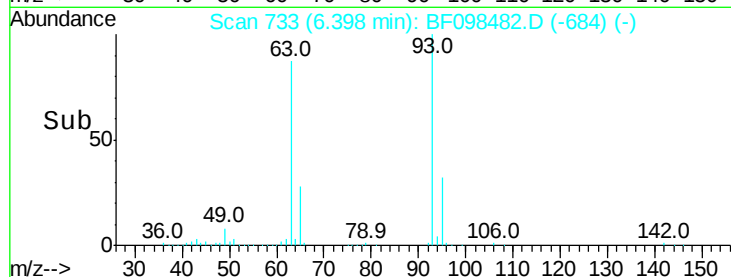
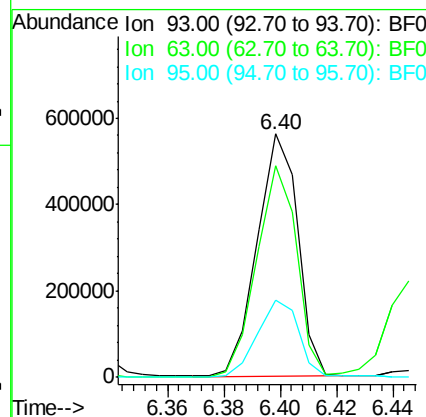
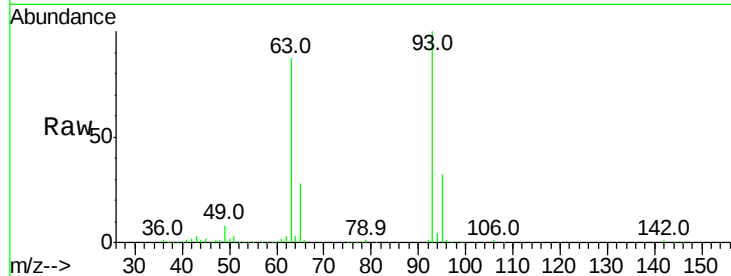




#11
 bis(2-Chloroethyl)ether
 Concen: 37.232 ng
 RT: 6.40 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

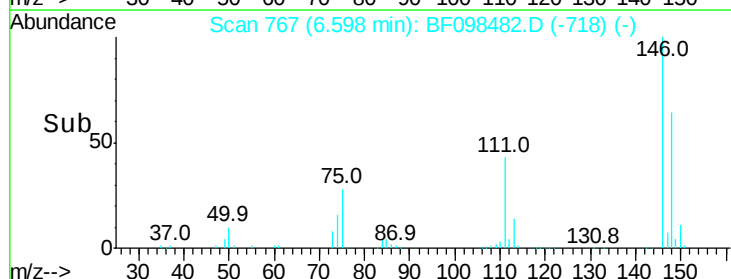
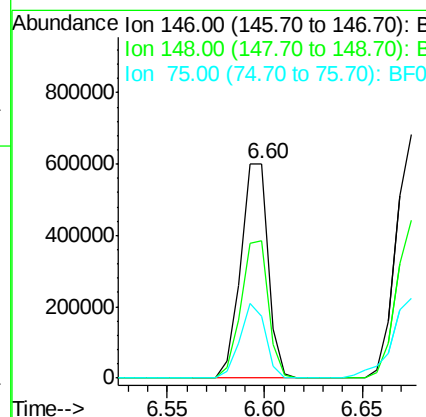
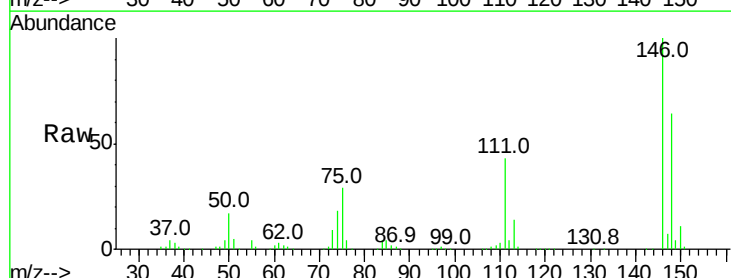
Instrument :
 BNA_F
 ClientSampleId :

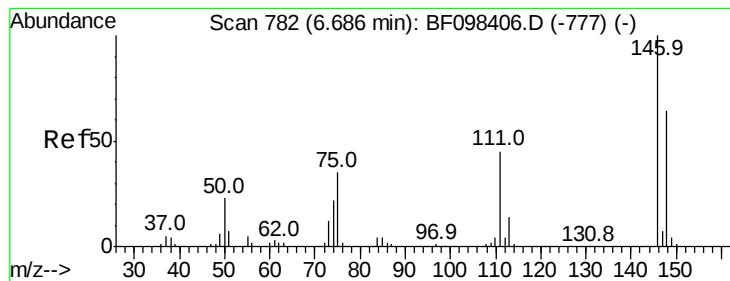
Tot Ion: 93 Resp: 561057
 Ion Ratio Lower Upper
 93 100
 63 86.9 59.2 99.2
 95 31.9 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 39.326 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion: 146 Resp: 589894
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 75 29.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.842 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampled :

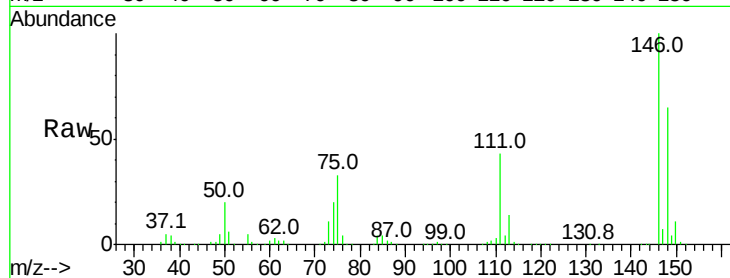
Tot Ion:146 Resp: 596789

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

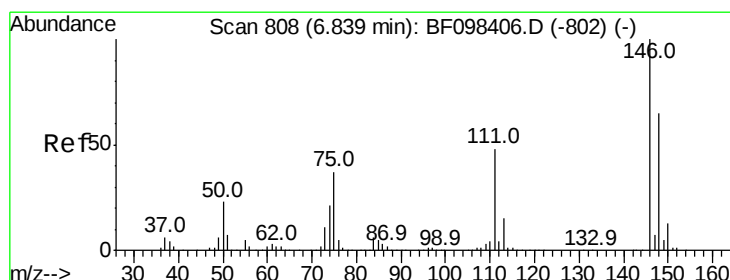
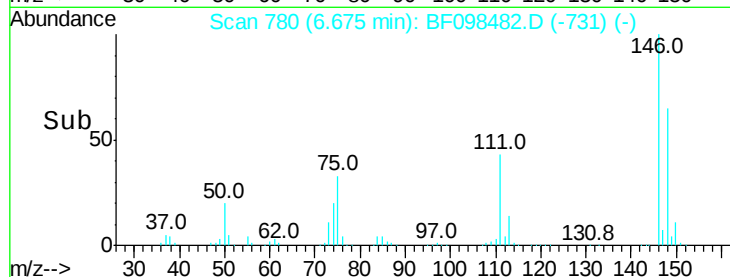
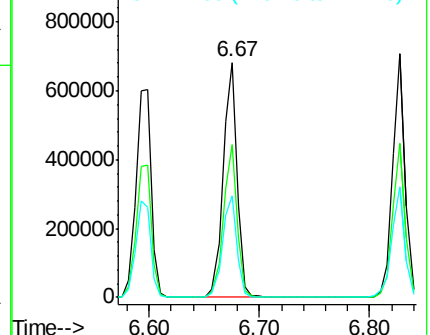
111 43.4 30.3 45.5



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: 38.872 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

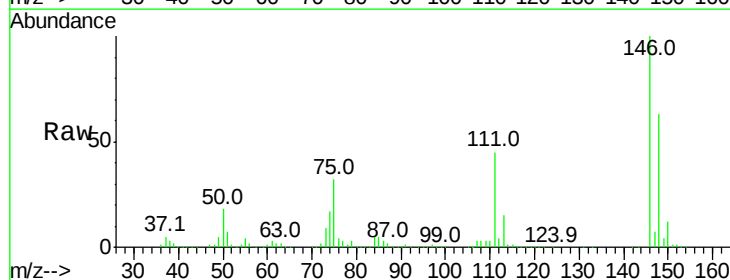
Tgt Ion:146 Resp: 544138

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

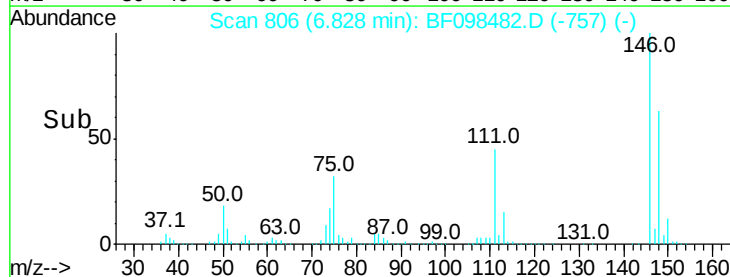
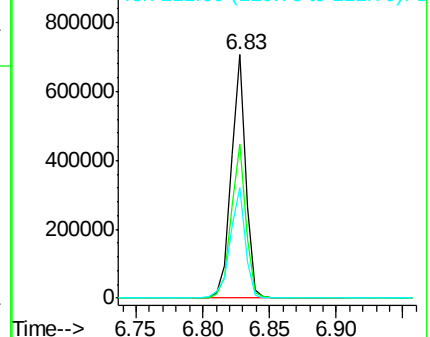
111 45.3 38.2 57.4

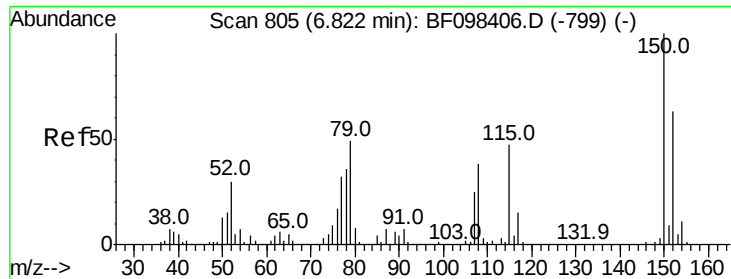


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

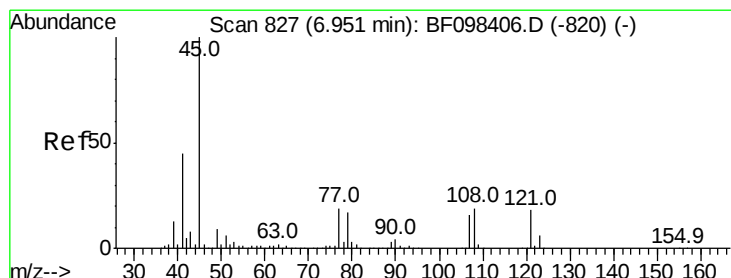
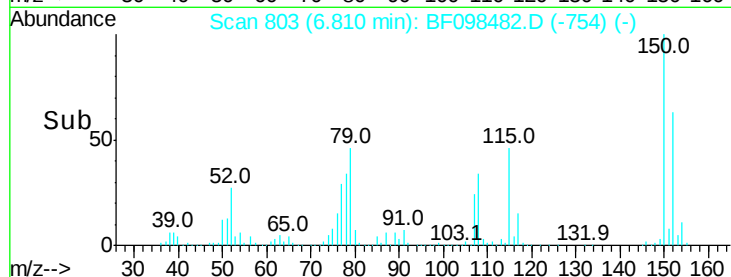
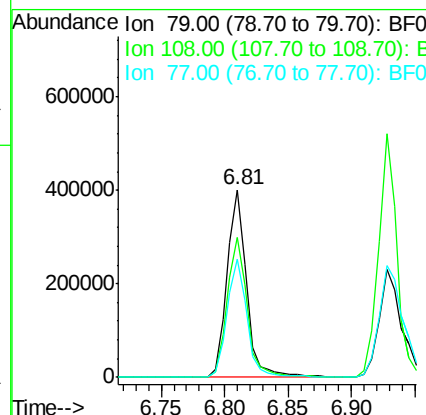
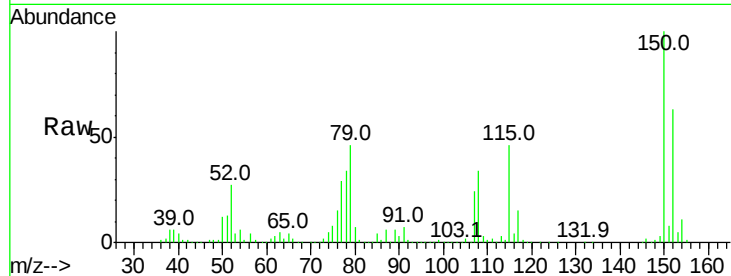




#15
Benzyl Alcohol
Concen: 37.556 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

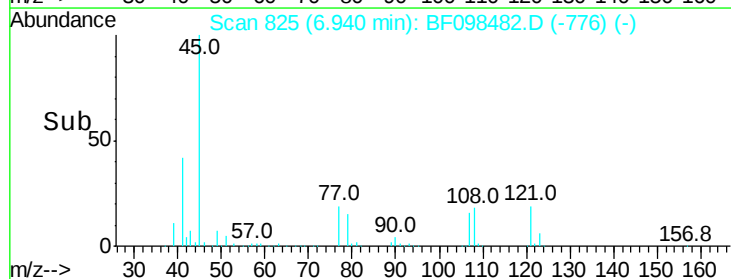
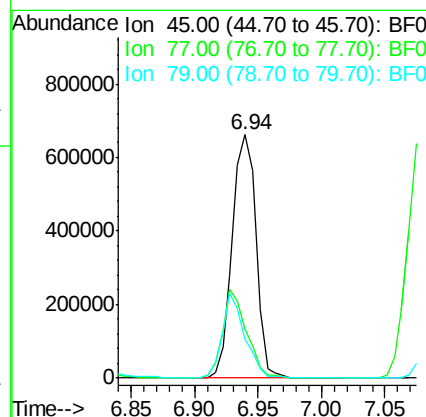
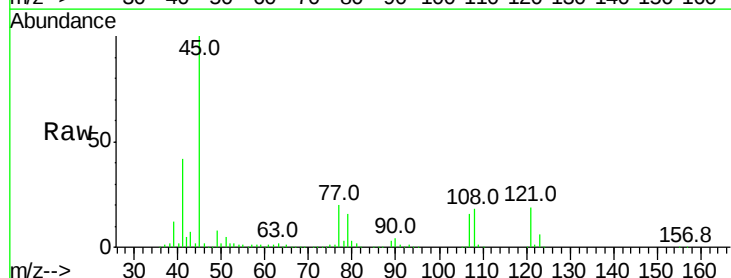
Instrument :
BNA_F
ClientSampleId :

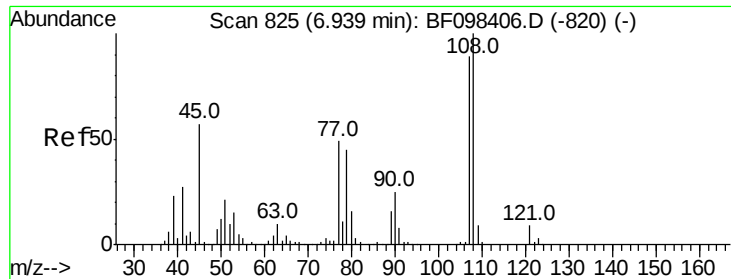
Tot Ion: 79 Resp: 430096
Ion Ratio Lower Upper
79 100
108 74.6 63.4 95.0
77 63.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.568 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion: 45 Resp: 857096
Ion Ratio Lower Upper
45 100
77 19.9 0.0 33.2
79 16.0 0.0 30.0

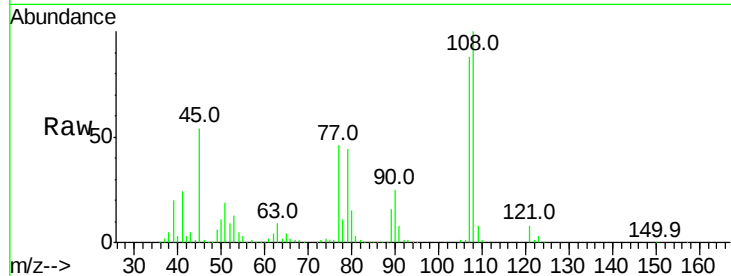




#17
2-Methylphenol
Concen: 37.932 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.4	140.0
77	52.2	35.8	53.6
79	49.9	34.8	52.2



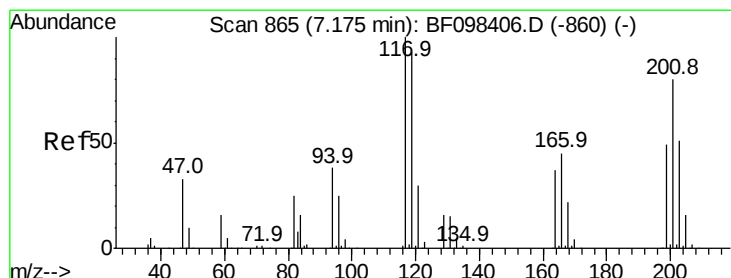
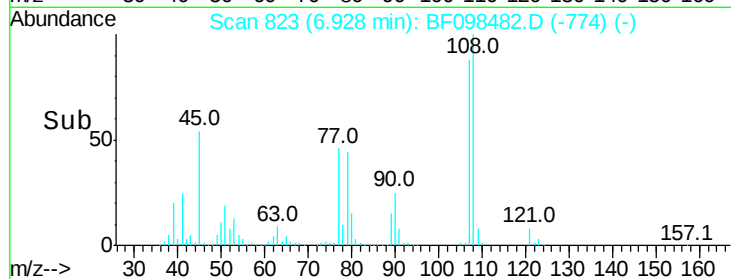
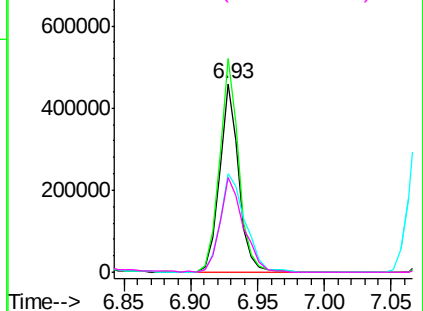
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

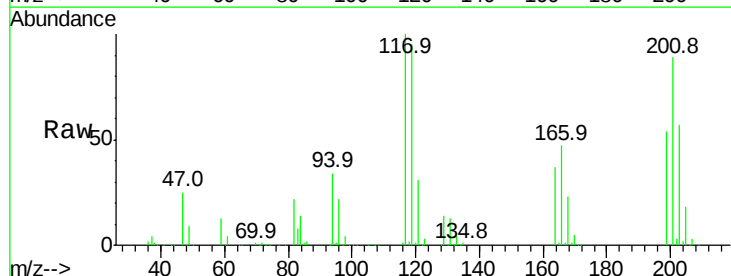
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 37.143 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.0
201	89.3	94.6	141.8#

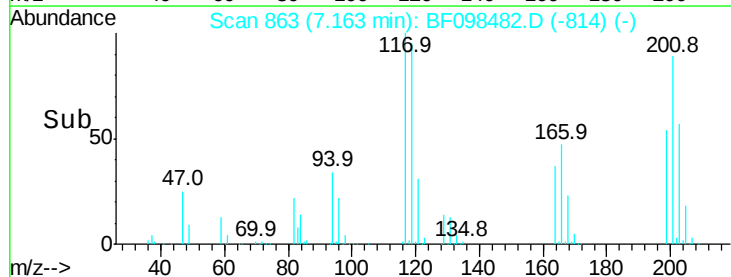
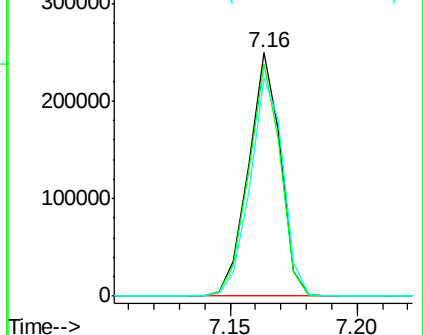


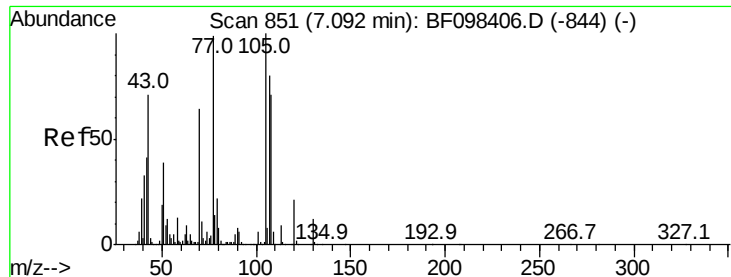
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

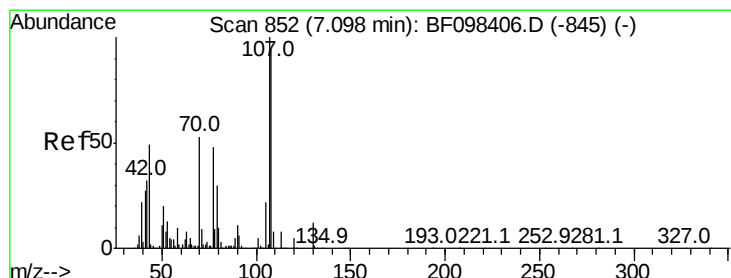
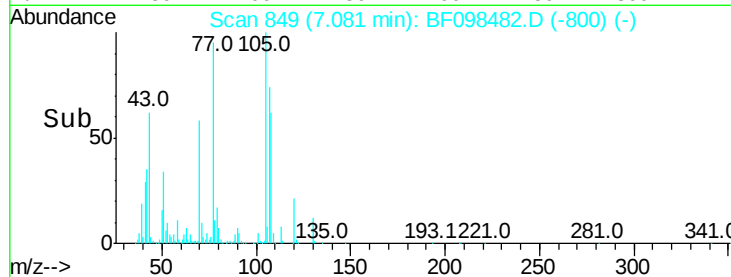
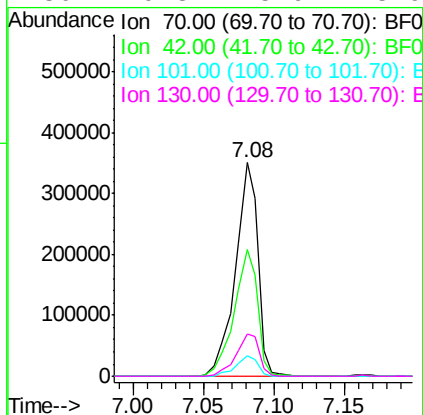
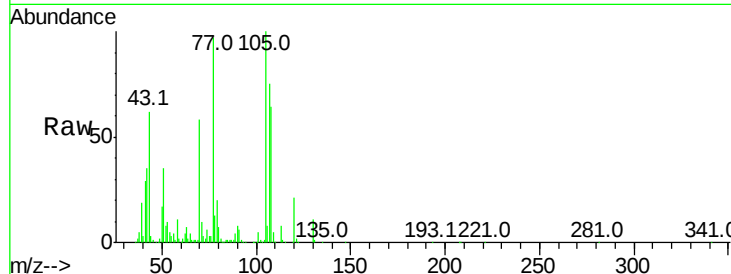




#19
n-Nitroso-di-n-propylamine
Concen: 35.637 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

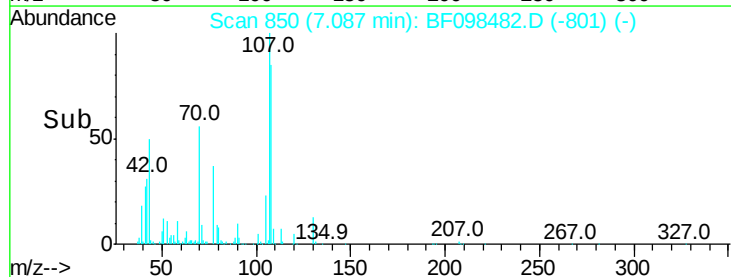
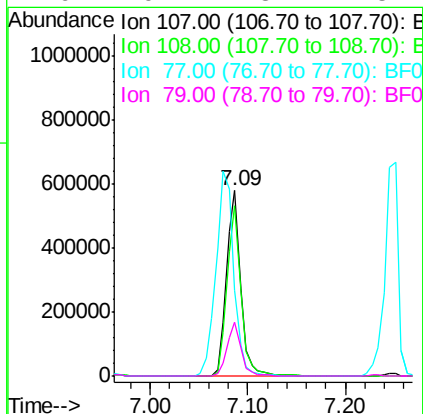
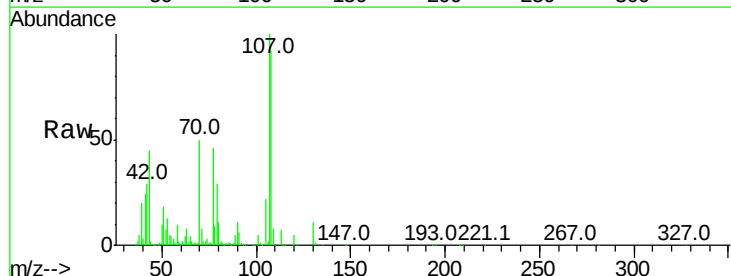
Instrument :
BNA_F
ClientSampleId :

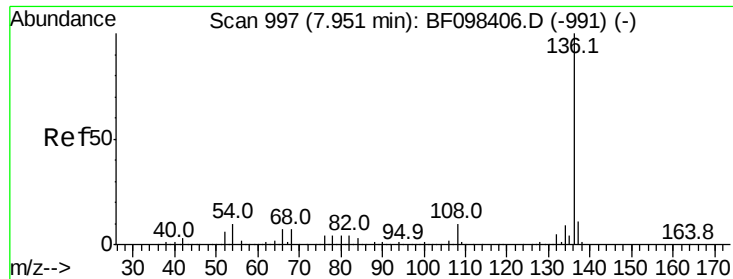
Tot Ion: 70 Resp: 385726
Ion Ratio Lower Upper
70 100
42 59.5 47.2 70.8
101 9.4 7.2 10.8
130 19.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 38.332 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion: 107 Resp: 587846
Ion Ratio Lower Upper
107 100
108 92.1 71.0 111.0
77 46.4 90.5 130.5#
79 29.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 837551

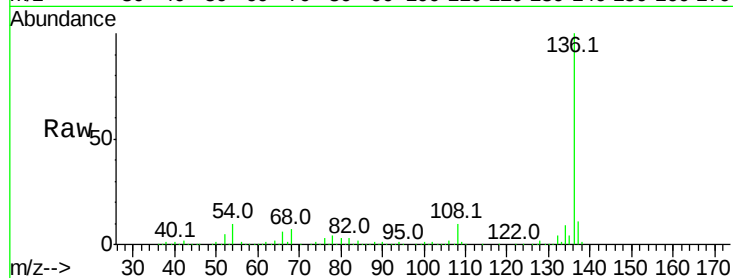
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.0 4.9 7.3#

68 6.7 4.1 6.1#



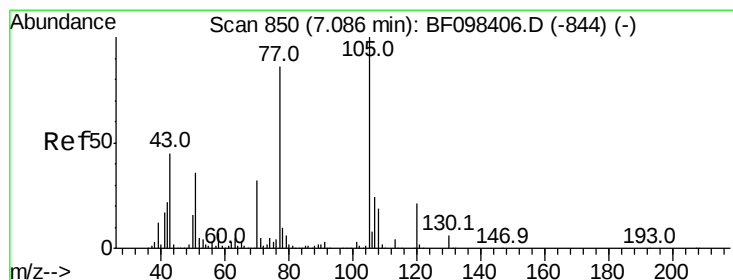
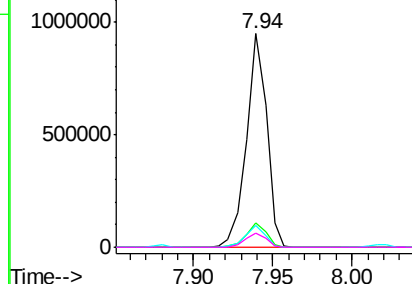
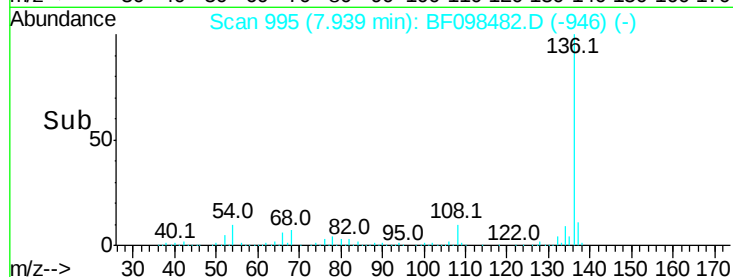
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.610 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Tgt Ion:105 Resp: 814148

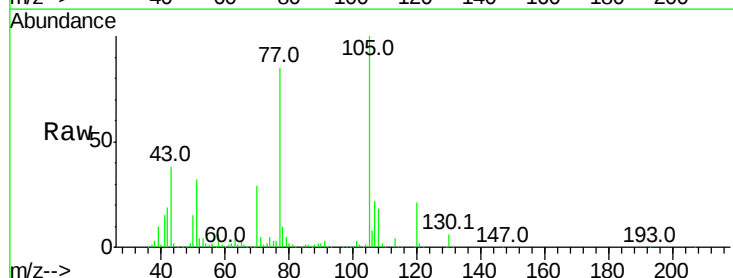
Ion Ratio Lower Upper

105 100

71 5.1 2.8 4.2#

51 32.4 30.7 46.1

120 20.6 17.4 26.0



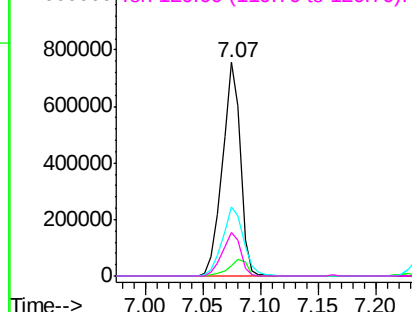
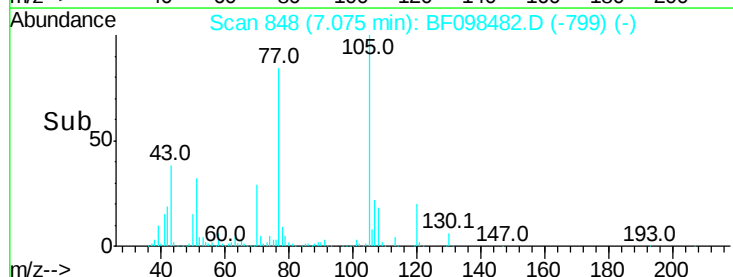
Abundance

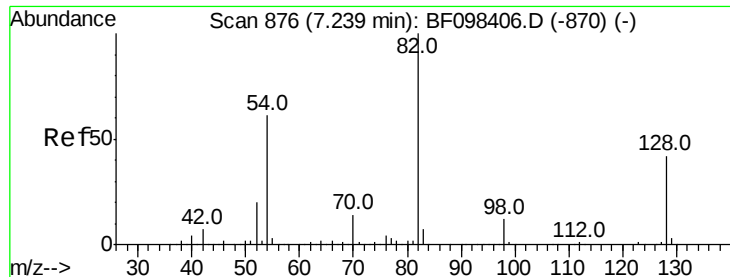
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

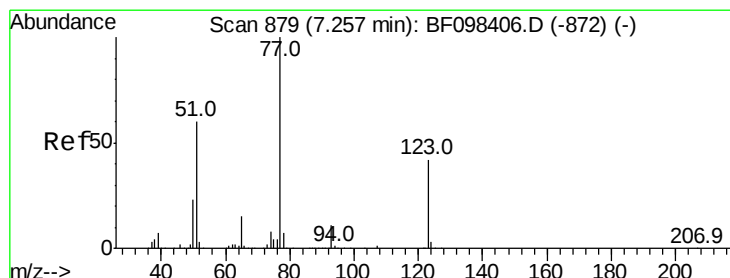
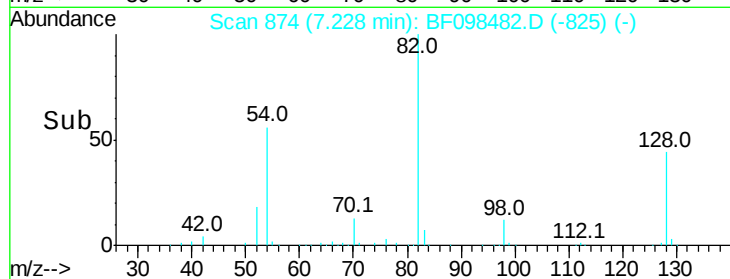
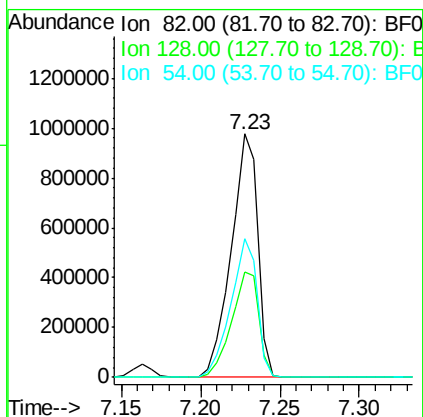
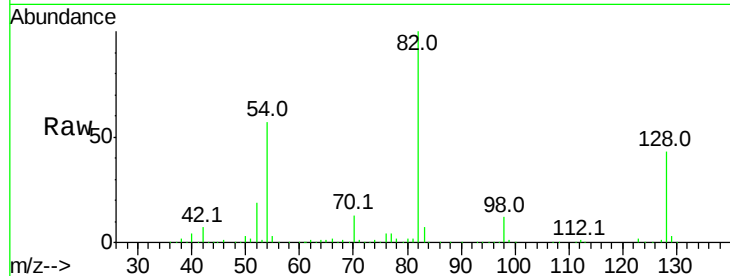




#23
 Nitrobenzene-d5
 Concen: 75.478 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

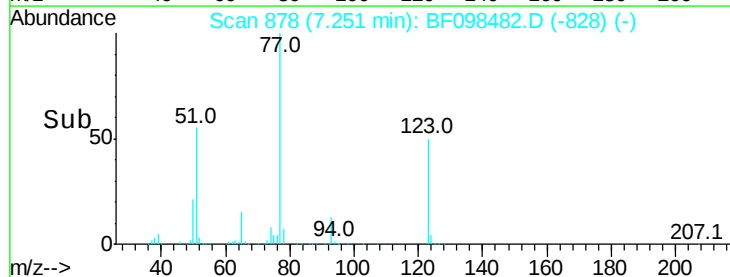
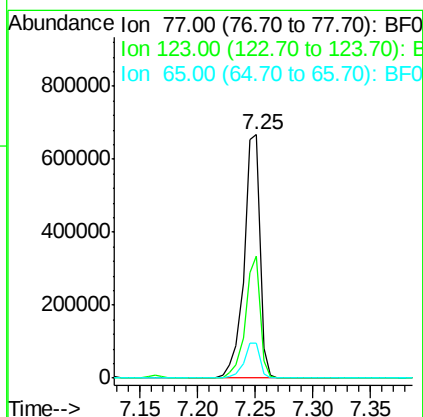
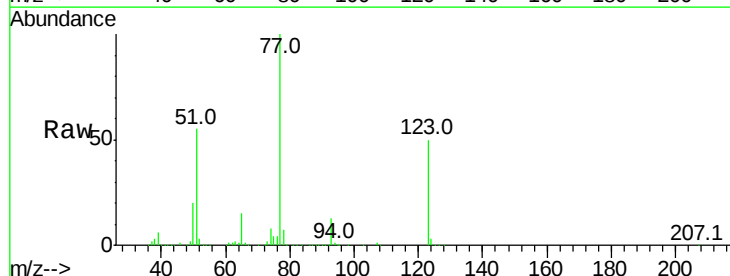
Instrument :
 BNA_F
 ClientSampleId :

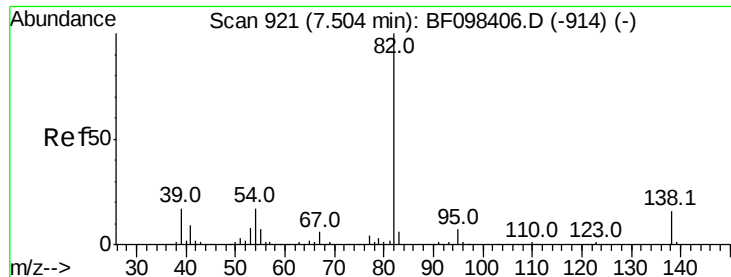
Tot Ion: 82 Resp: 1133936
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.0 51.0
 54 56.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 37.326 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion: 77 Resp: 638753
 Ion Ratio Lower Upper
 77 100
 123 50.2 35.8 53.8
 65 14.6 10.6 15.8





#25

Isophorone

Concen: 36.296 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

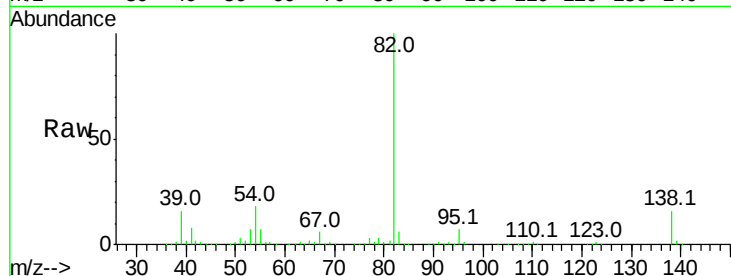
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1103257

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	16.5	13.1	19.7

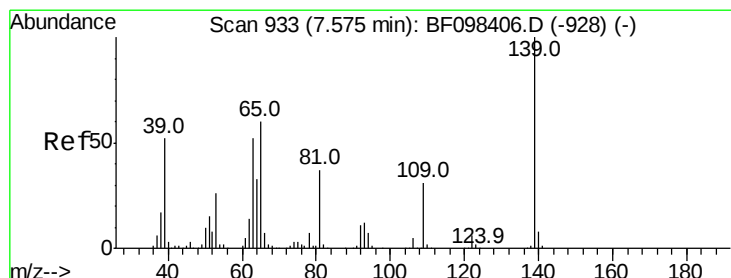
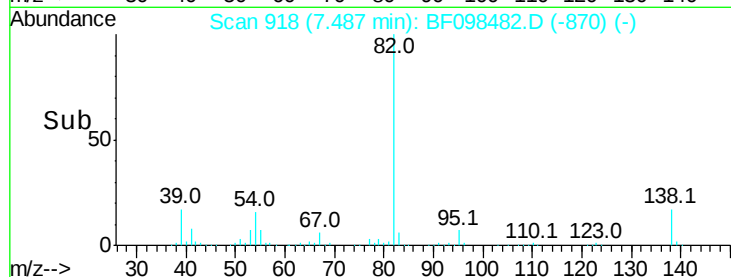
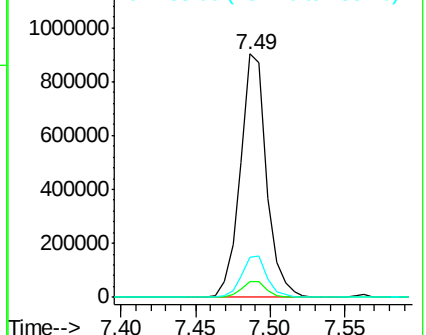


Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.047 ng

RT: 7.56 min Scan# 931

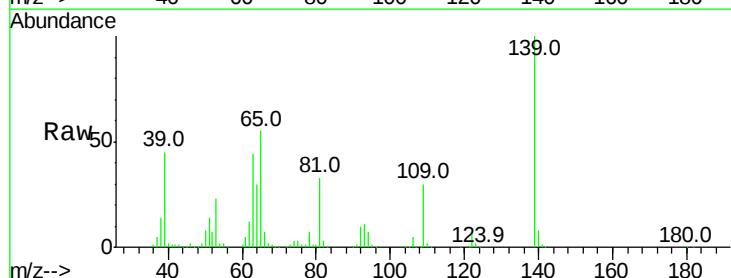
Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Tgt Ion: 139 Resp: 304340

Ion	Ratio	Lower	Upper
139	100		
109	30.0	21.0	31.6
65	55.1	33.0	49.6

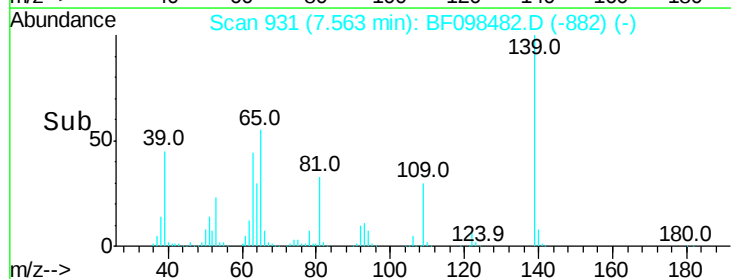
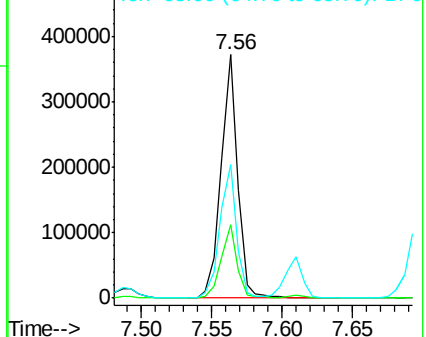


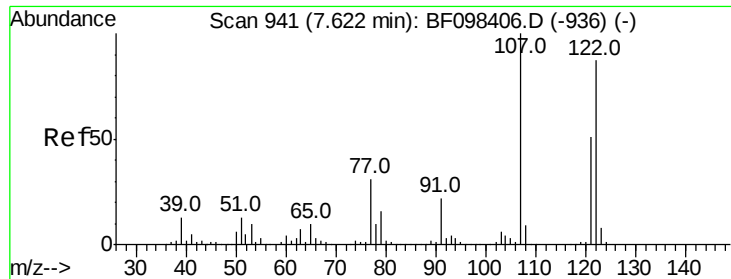
Abundance

Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.187 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampled :

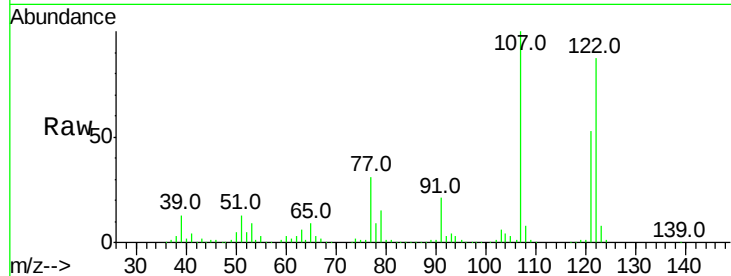
Tot Ion:122 Resp: 502969

Ion Ratio Lower Upper

122 100

107 115.5 89.2 133.8

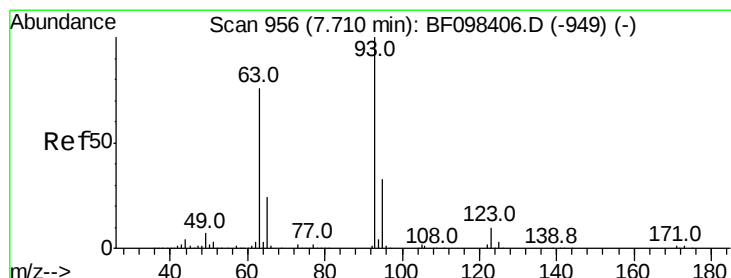
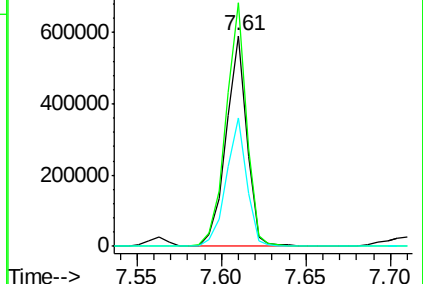
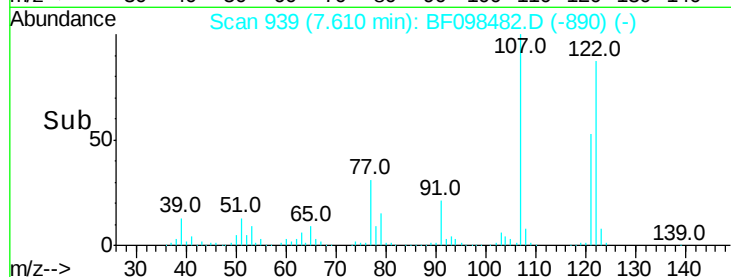
121 60.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.050 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

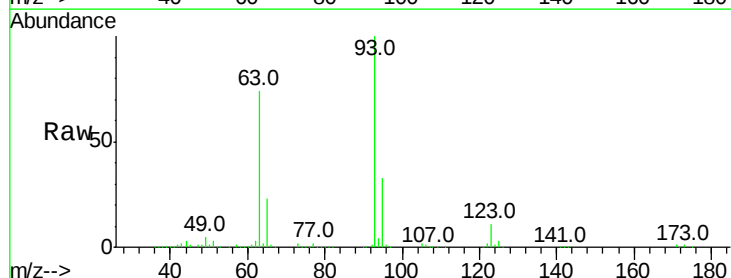
Tgt Ion: 93 Resp: 687182

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

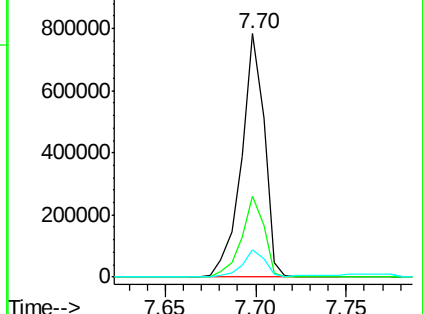
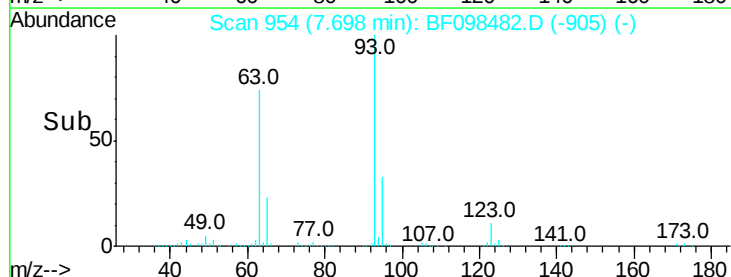
123 11.1 9.0 13.4

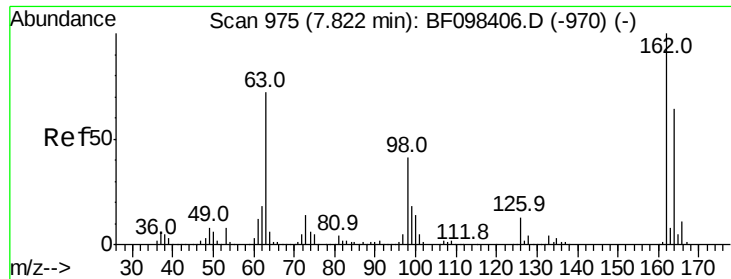


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

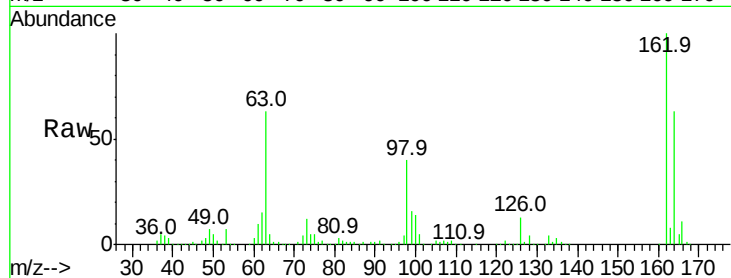




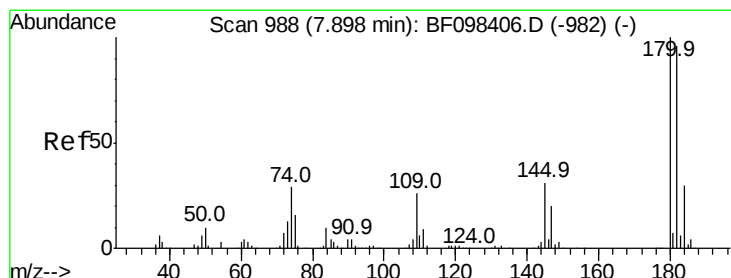
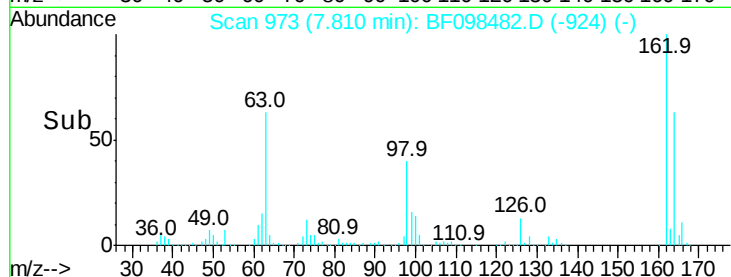
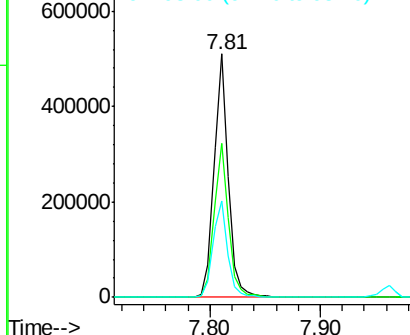
#29
 2,4-Dichlorophenol
 Concen: 41.156 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 450838
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.6 84.6
 98 39.8 14.8 54.8

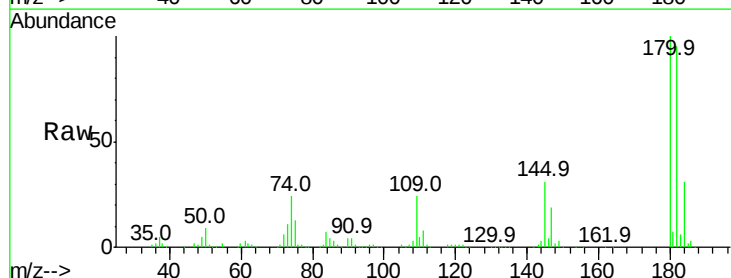


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

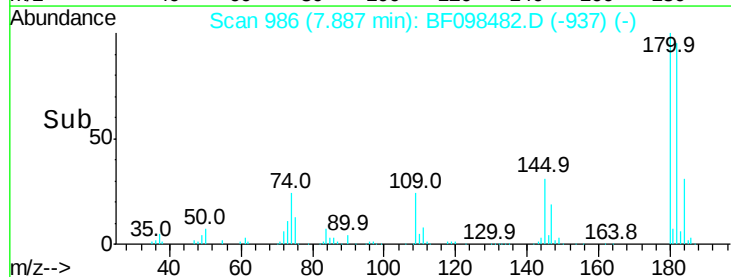
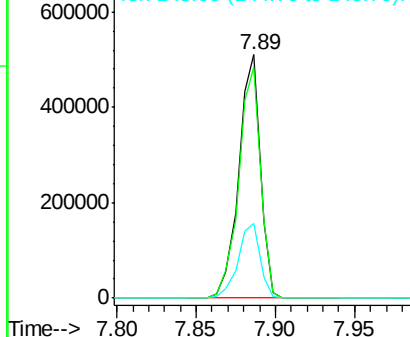


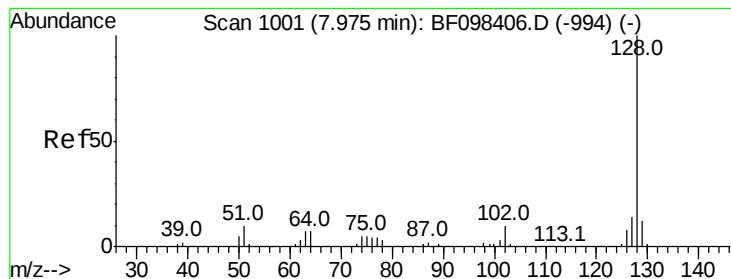
#30
 1,2,4-Trichlorobenzene
 Concen: 40.344 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion:180 Resp: 480750
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.8 113.6
 145 30.5 25.3 37.9



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





#31

Naphthalene

Concen: 38.676 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

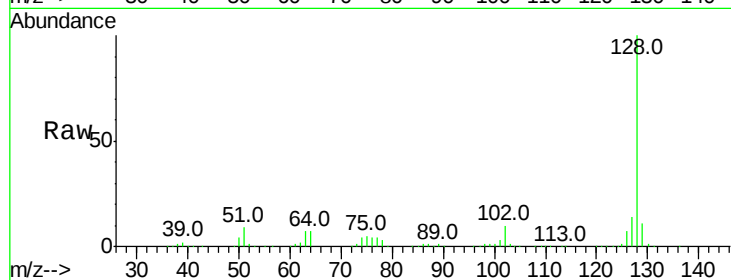
Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1601350

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.5	10.8	16.2

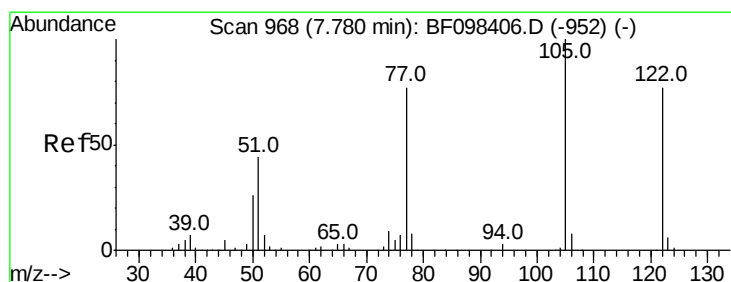
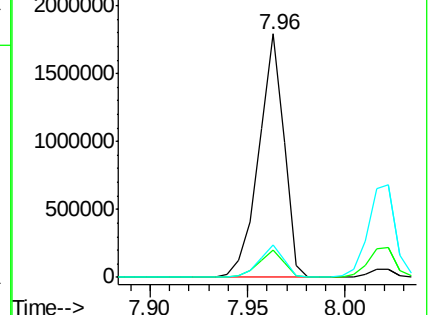
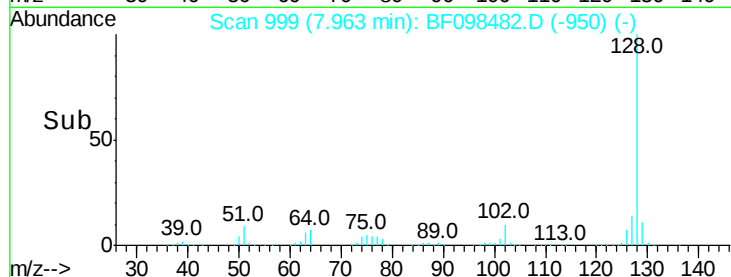


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.222 ng

RT: 7.77 min Scan# 966

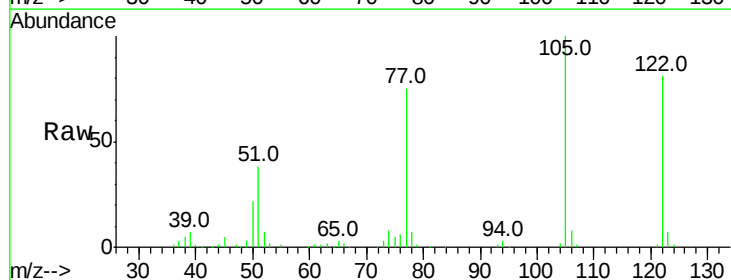
Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Tgt Ion:122 Resp: 352303

Ion	Ratio	Lower	Upper
122	100		
105	123.2	103.3	143.3
77	93.0	73.7	113.7

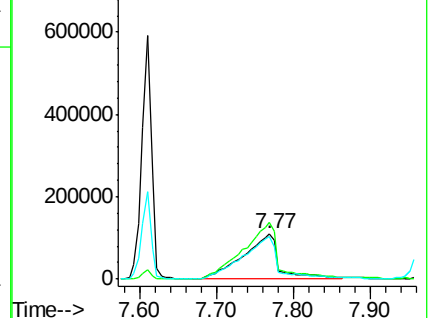
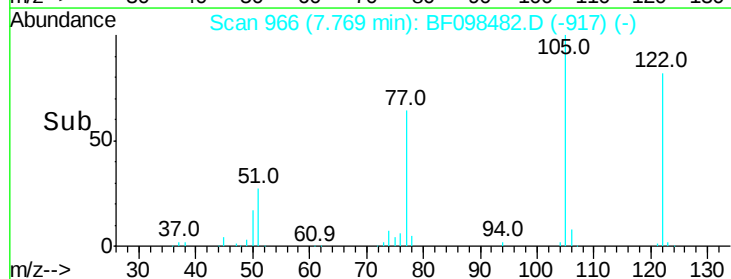


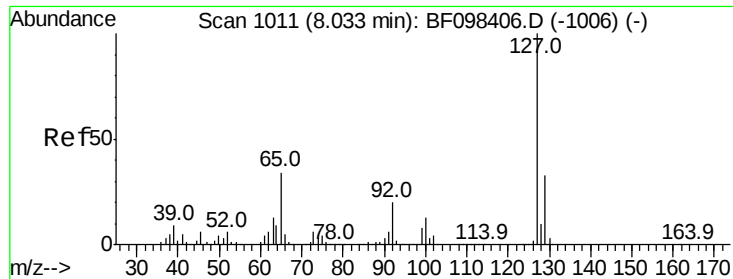
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

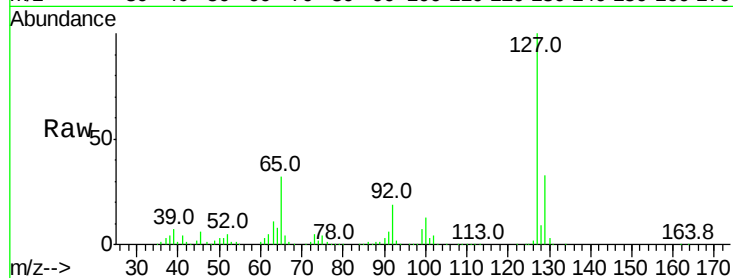




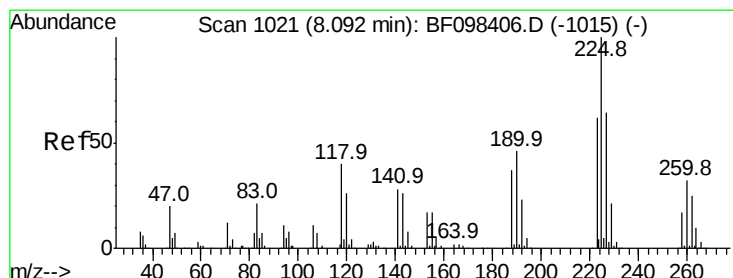
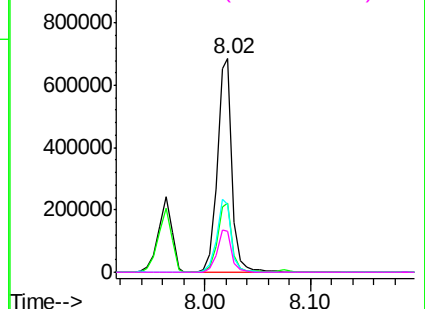
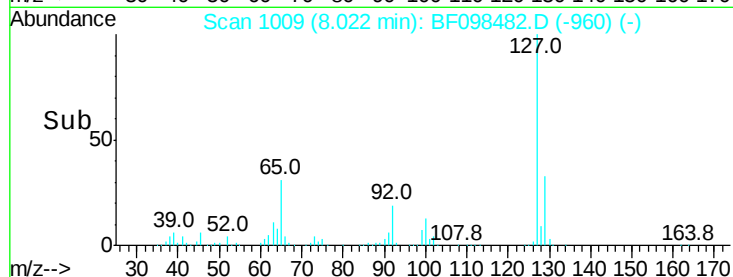
#33
4-Chloroaniline
Concen: 40.119 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	675097
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	31.5	27.8	41.8
92	19.1	16.8	25.2

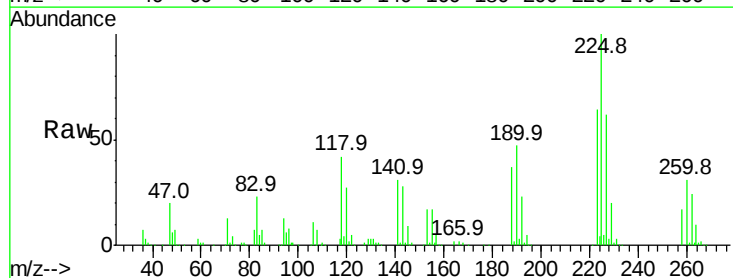


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

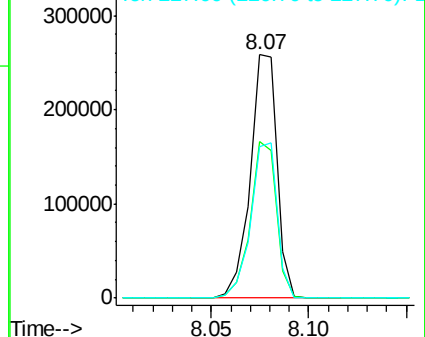
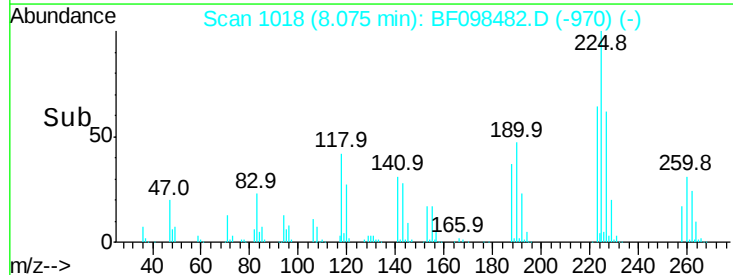


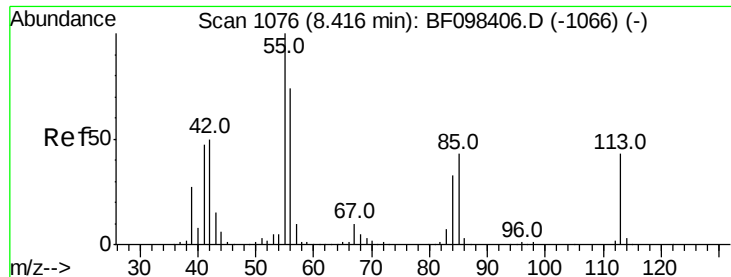
#34
Hexachlorobutadiene
Concen: 40.170 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion:	225	Resp:	245732
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.8	73.2
227	62.4	51.1	76.7



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

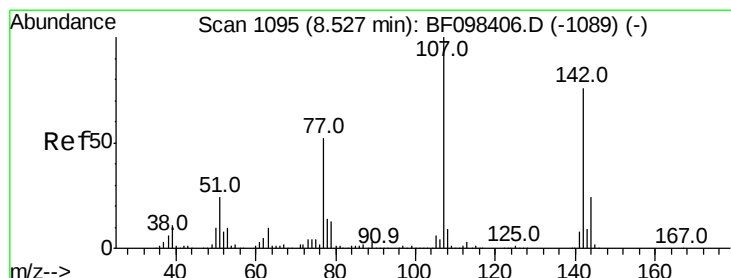
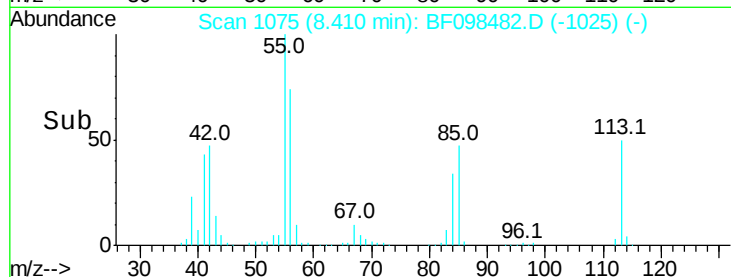
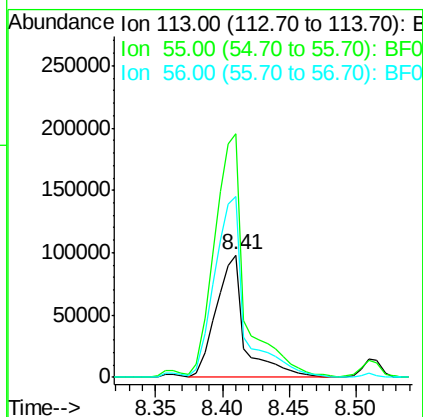
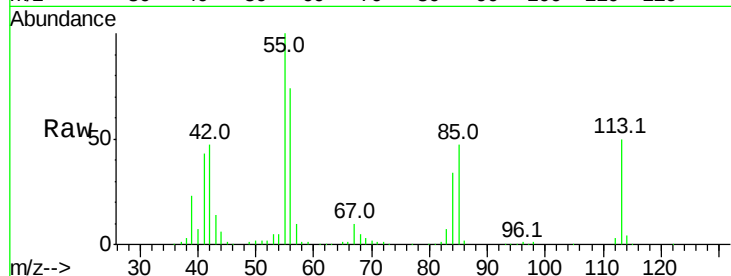




#35
 Caprolactam
 Concen: 39.097 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

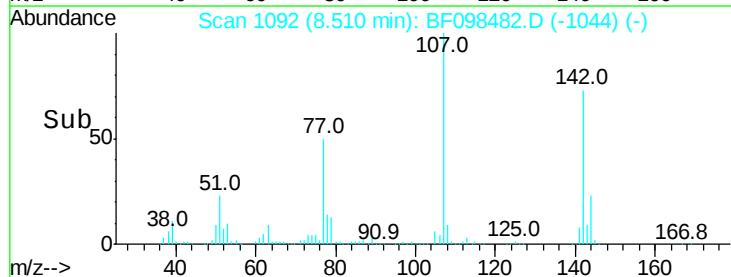
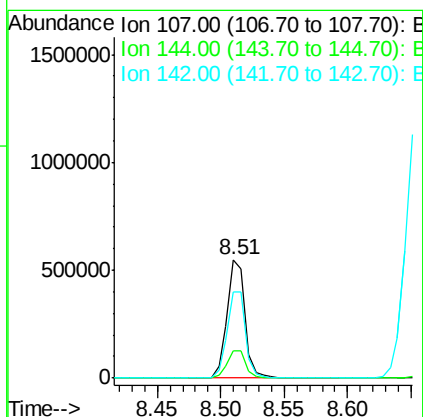
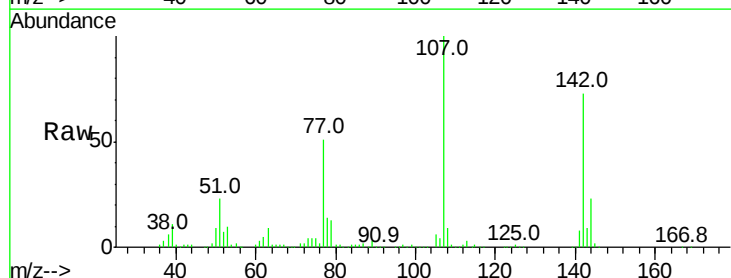
Instrument :
 BNA_F
 ClientSampleId :

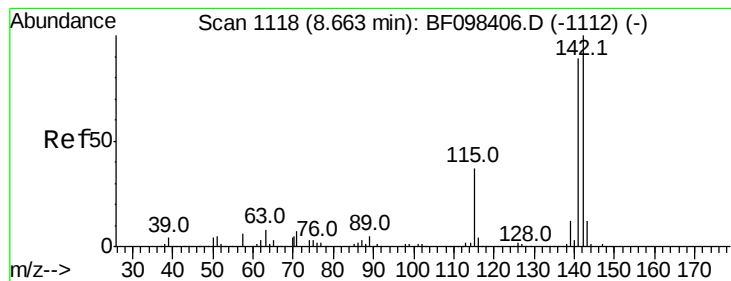
Tot Ion:113 Resp: 147686
 Ion Ratio Lower Upper
 113 100
 55 199.4 150.2 190.2#
 56 148.5 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.429 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion:107 Resp: 535658
 Ion Ratio Lower Upper
 107 100
 144 23.4 24.2 36.4#
 142 73.1 73.4 110.0#

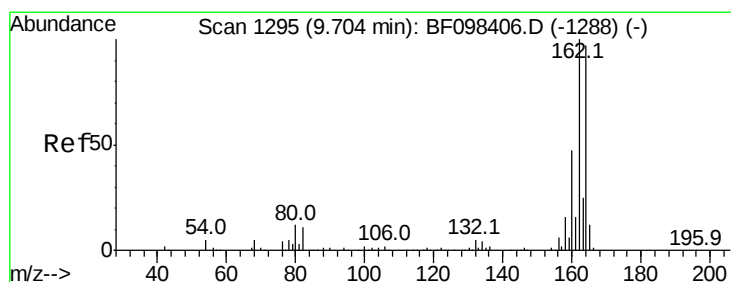
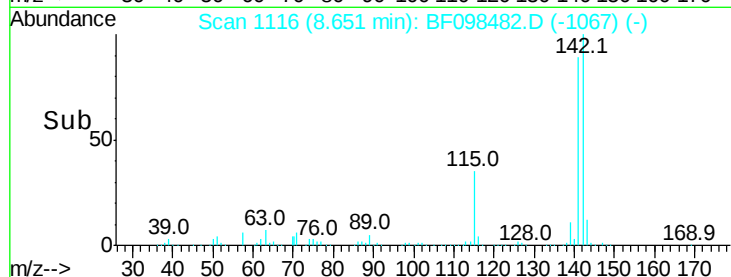
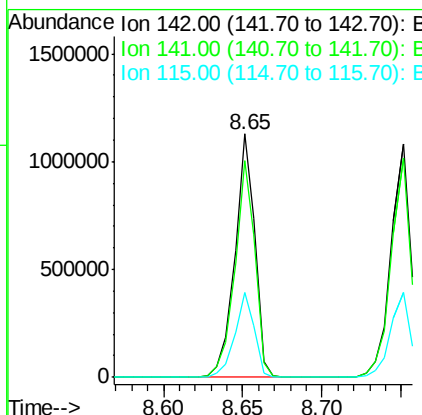
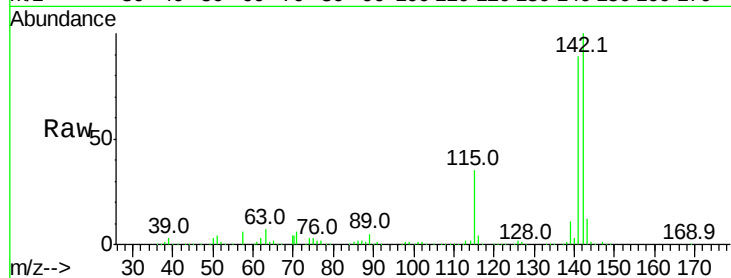




#37
 2-Methylnaphthalene
 Concen: 39.266 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

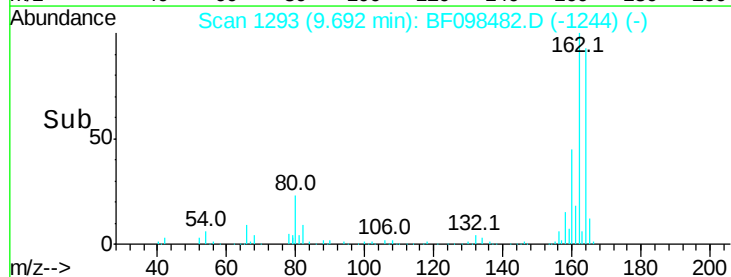
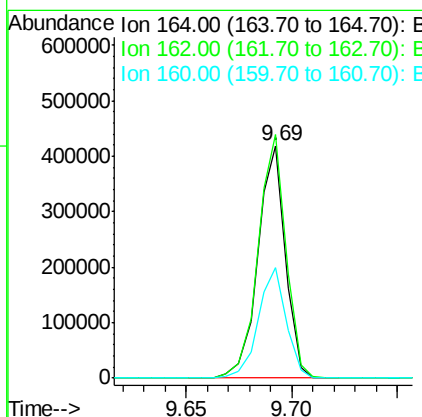
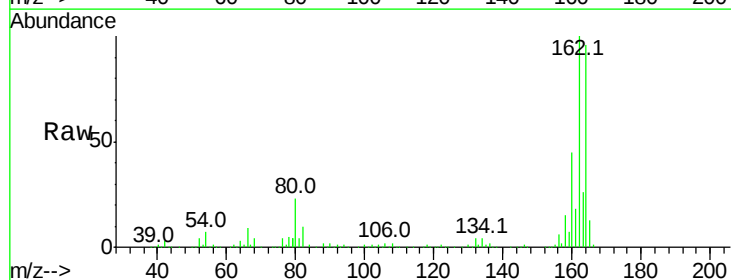
Instrument :
 BNA_F
 ClientSampled :

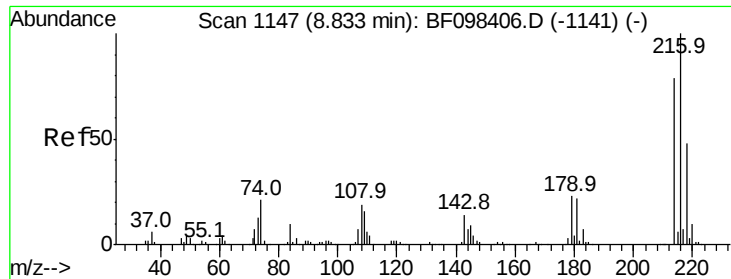
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	34.9	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	47.4	36.2	54.2

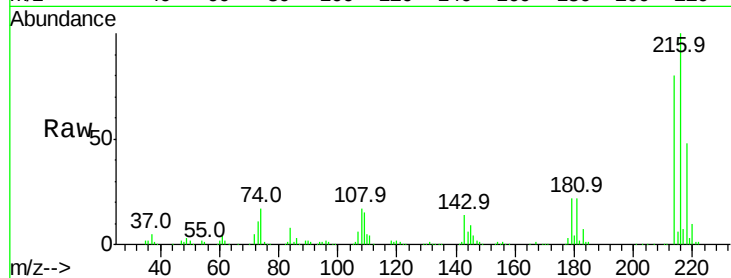




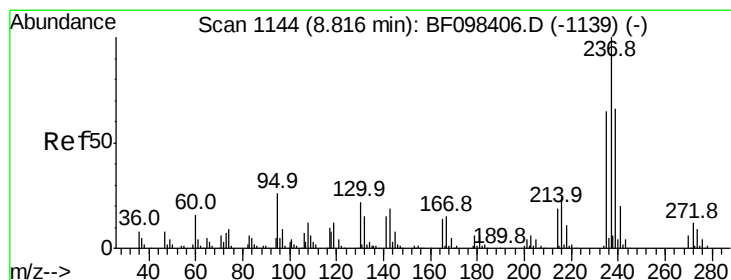
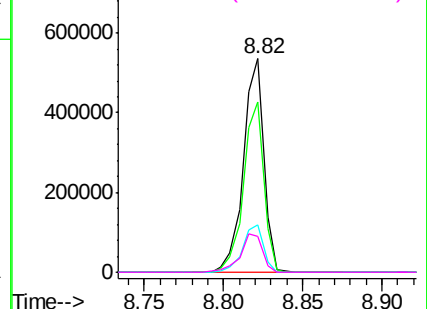
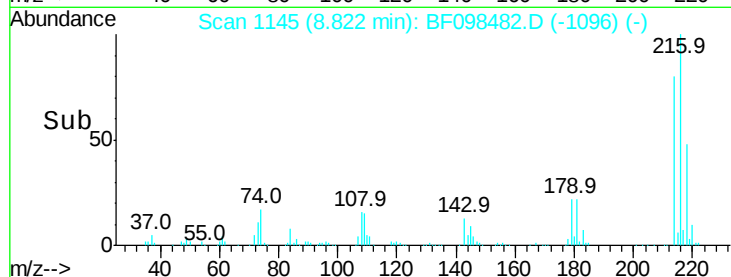
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.733 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	479990
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.4	95.2
179	22.6	17.9	26.9
108	19.4	16.5	24.7

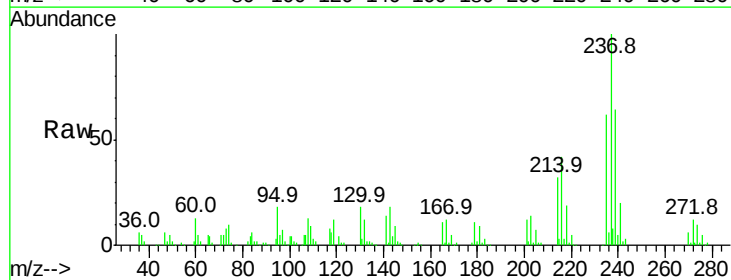


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

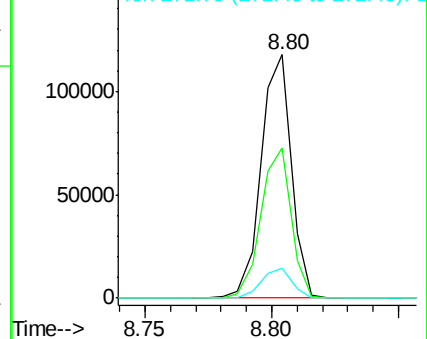
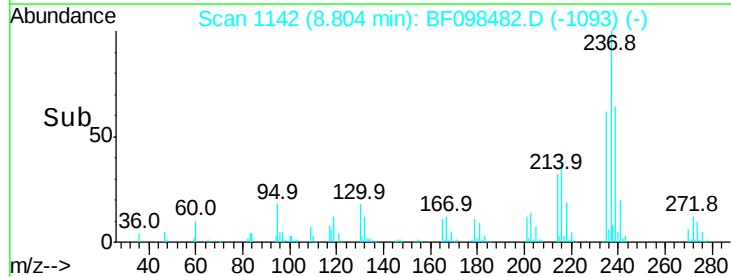


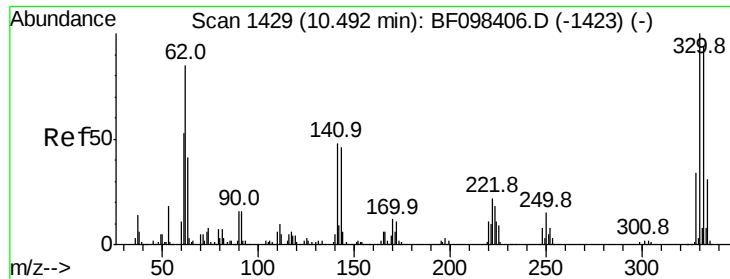
#40
 Hexachlorocyclopentadiene
 Concen: 34.777 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion:	237	Resp:	98146
Ion Ratio	Lower	Upper	
237	100		
235	61.8	42.6	82.6
272	12.2	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

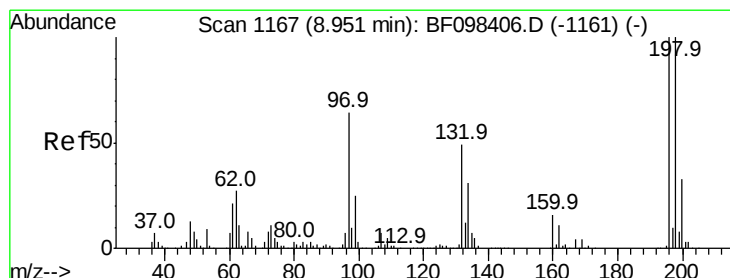
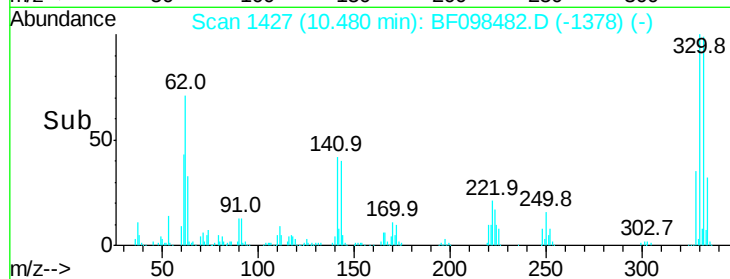
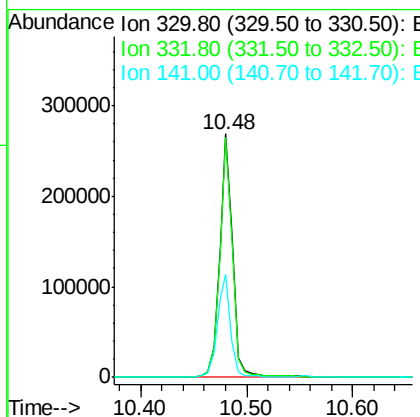
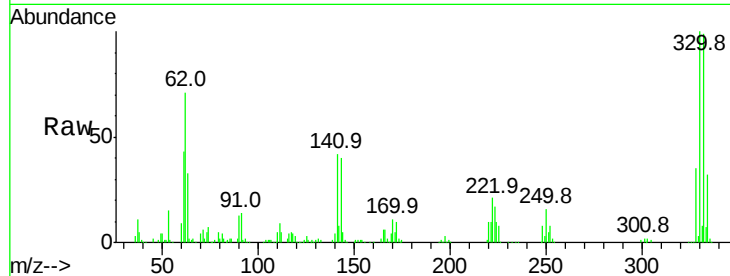




#41
 2,4,6-Tribromophenol
 Concen: 92.966 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

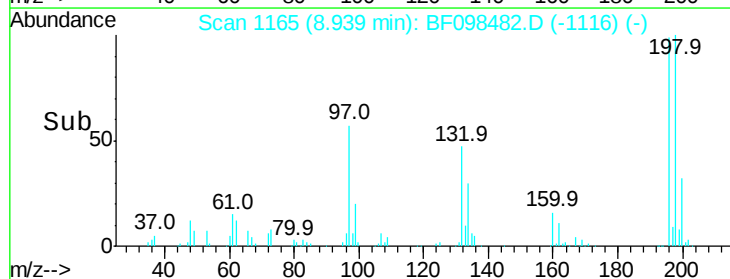
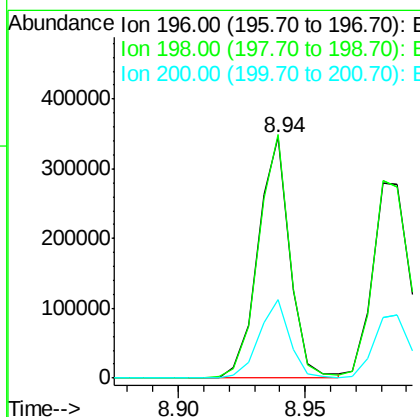
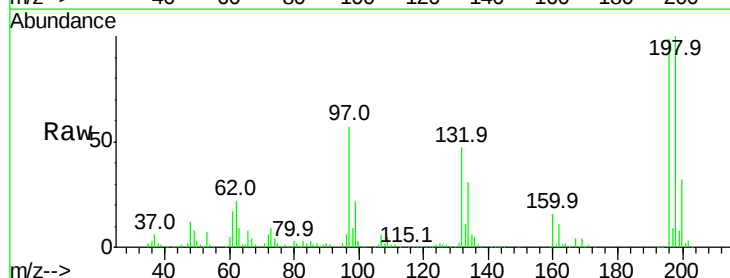
Instrument :
 BNA_F
 ClientSampleId :

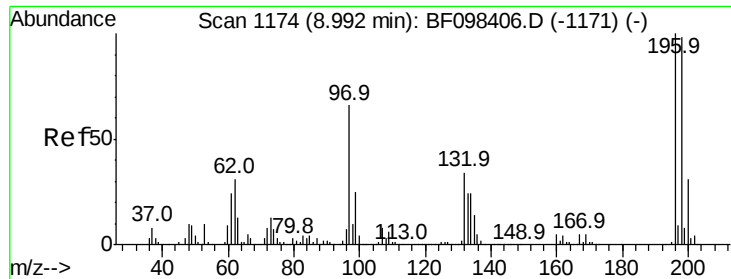
Tot Ion:330 Resp: 234720
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 43.1 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 43.789 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion:196 Resp: 303082
 Ion Ratio Lower Upper
 196 100
 198 101.1 74.2 111.4
 200 32.4 24.0 36.0

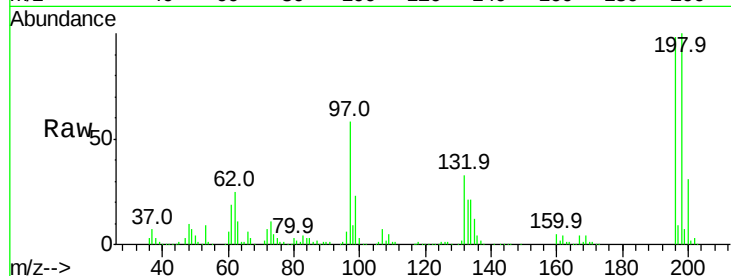




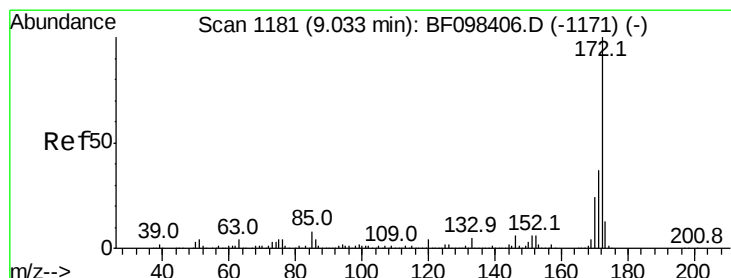
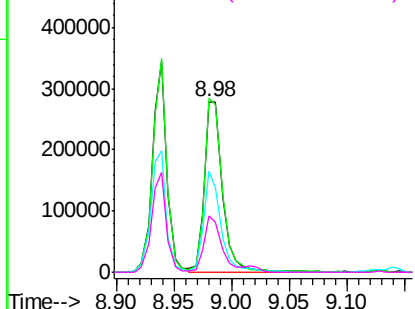
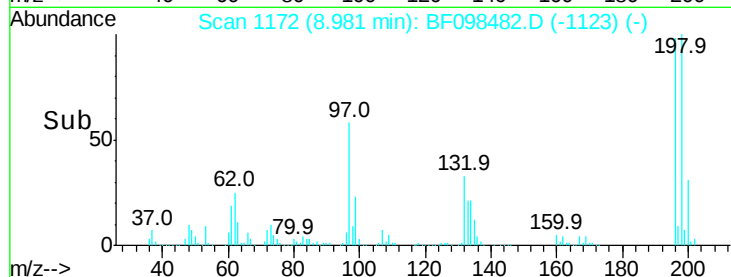
#43
 2,4,5-Trichlorophenol
 Concen: 42.393 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 306686
 Ion Ratio Lower Upper
 196 100
 198 101.8 75.7 113.5
 97 59.2 47.7 71.5
 132 33.2 28.0 42.0

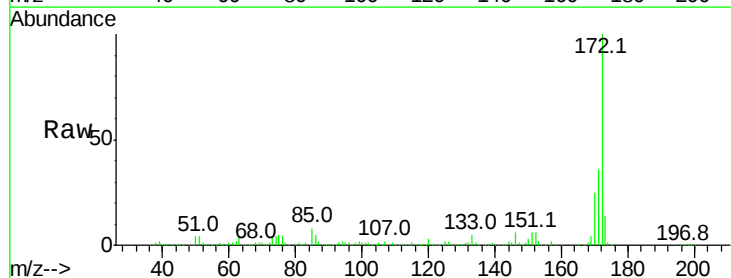


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

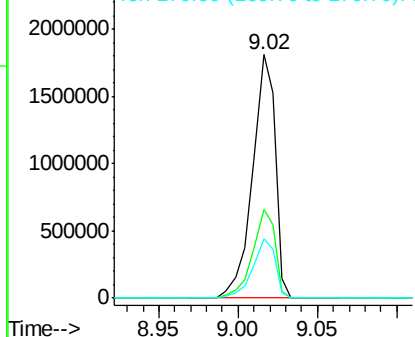
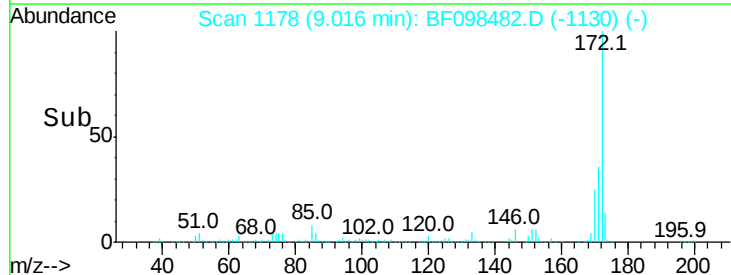


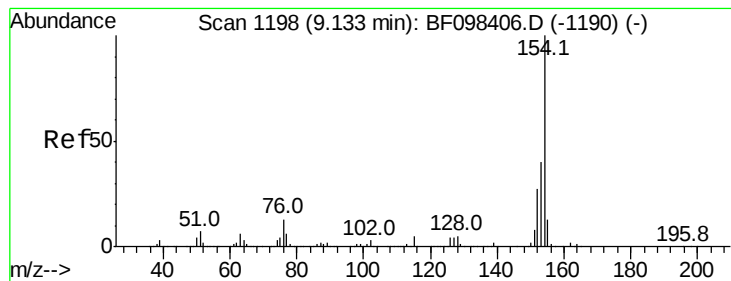
#44
 2-Fluorobiphenyl
 Concen: 80.542 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion:172 Resp: 1797636
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.5 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 38.763 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :

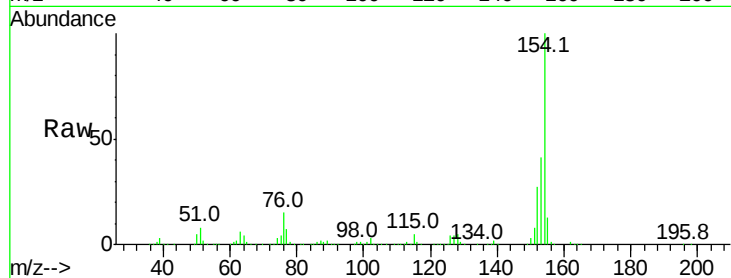
Tot Ion:154 Resp: 1312486

Ion Ratio Lower Upper

154 100

153 41.4 21.2 61.2

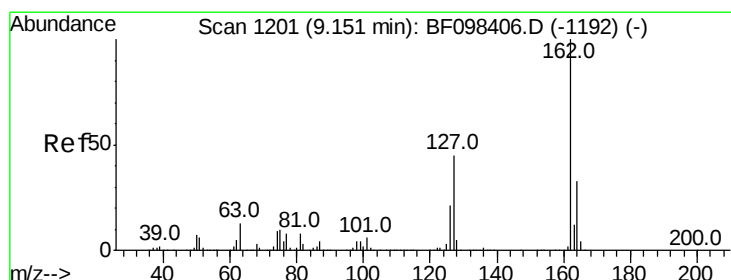
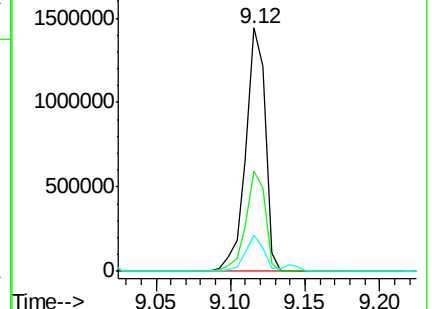
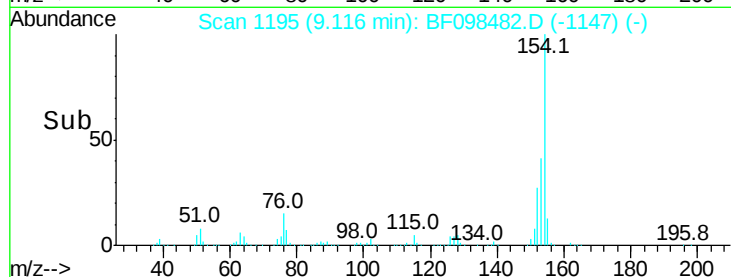
76 14.7 0.0 29.9



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: 39.449 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

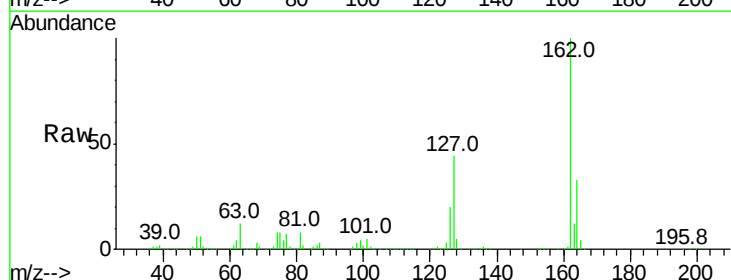
Tgt Ion:162 Resp: 953933

Ion Ratio Lower Upper

162 100

127 43.9 28.3 42.5#

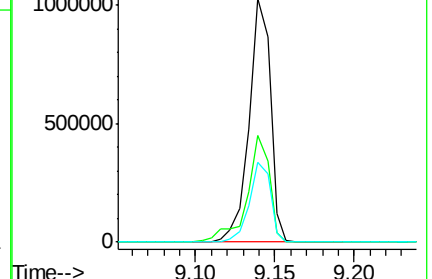
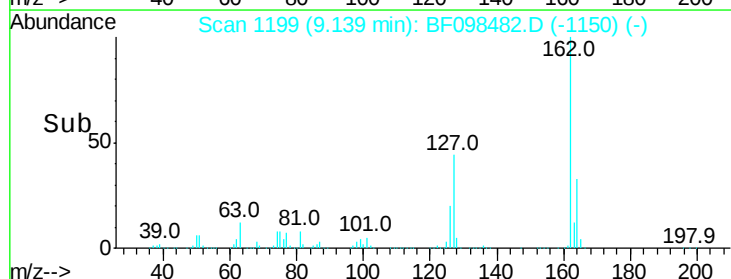
164 32.6 27.0 40.4

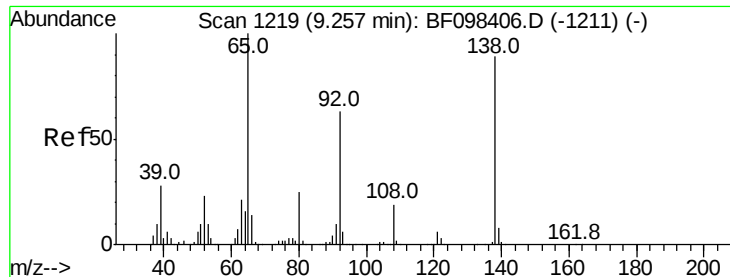


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

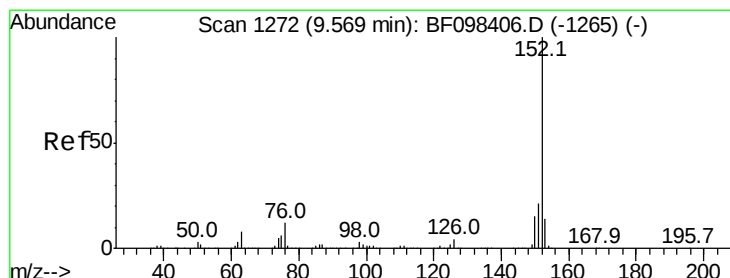
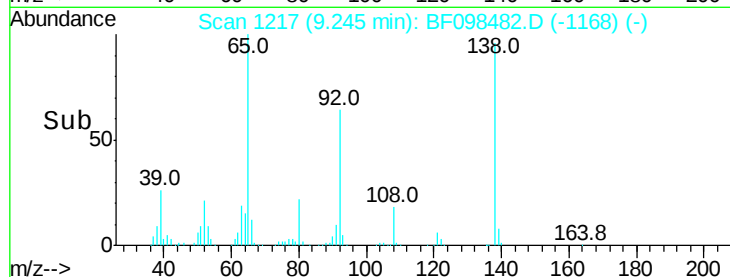
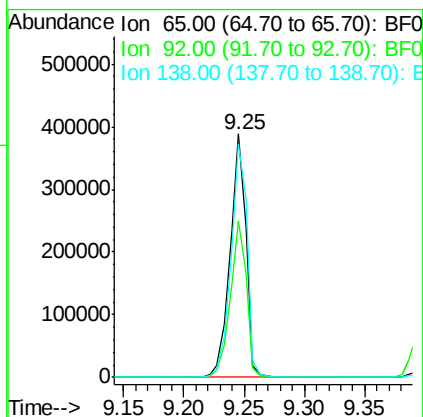
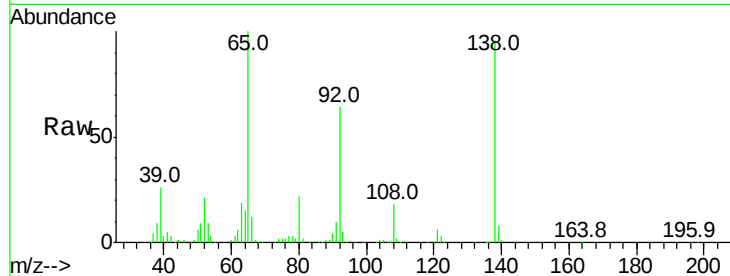




#47
2-Nitroaniline
Concen: 38.146 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

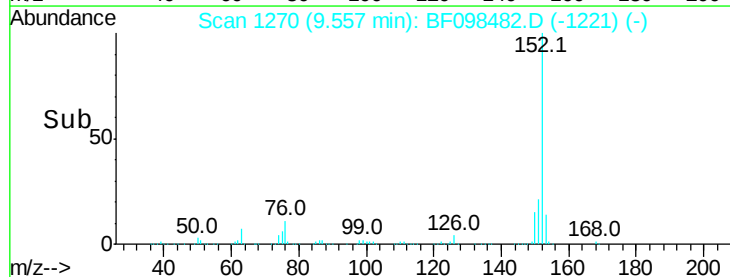
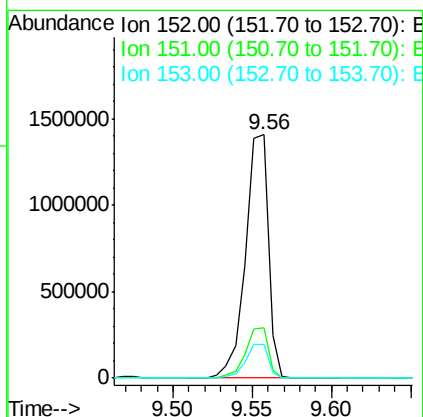
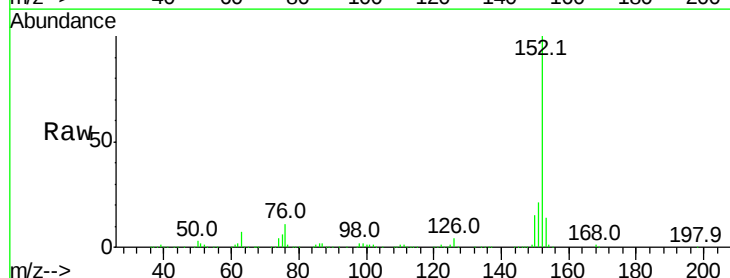
Instrument :
BNA_F
ClientSampled :

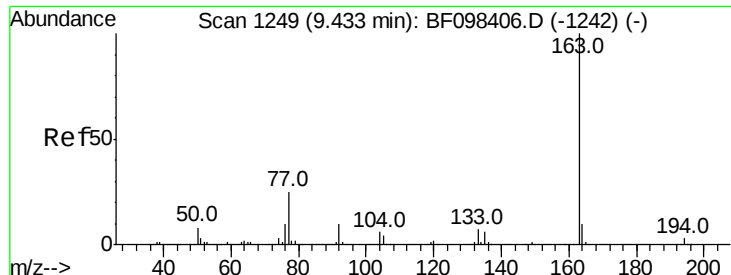
Tot Ion: 65 Resp: 354042
Ion Ratio Lower Upper
65 100
92 64.1 53.9 80.9
138 95.8 78.8 118.2



#48
Acenaphthylene
Concen: 39.098 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion: 152 Resp: 1405756
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.6 10.8 16.2

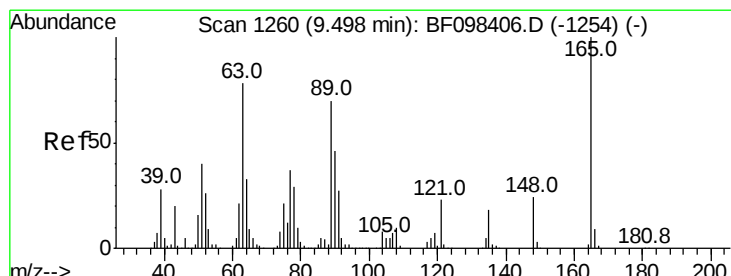
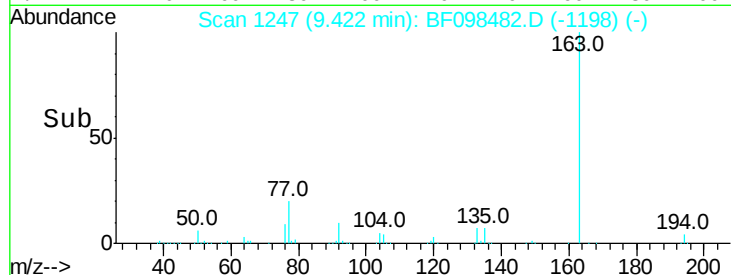
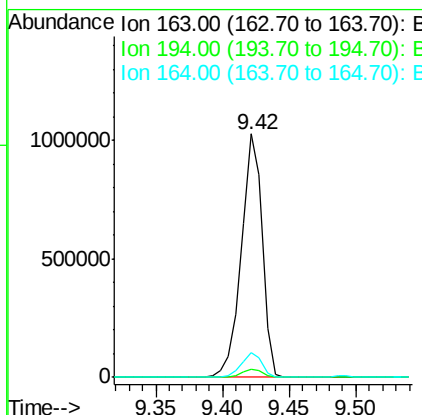
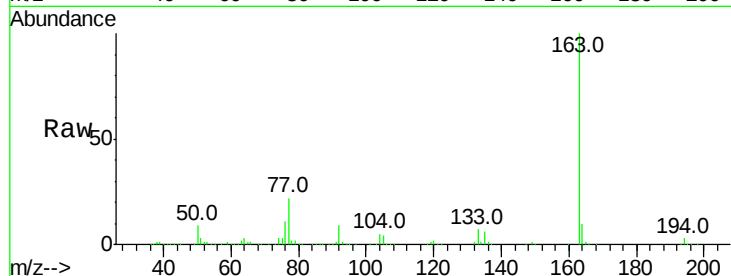




#49
Dimethylphthalate
Concen: 38.006 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

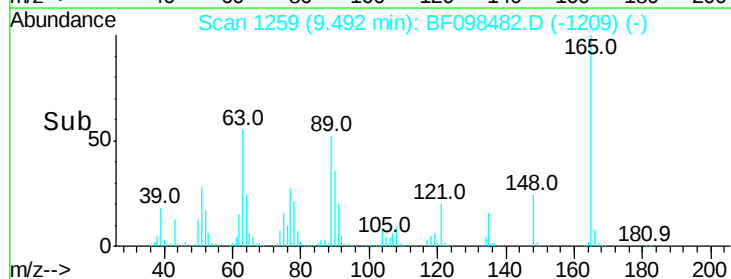
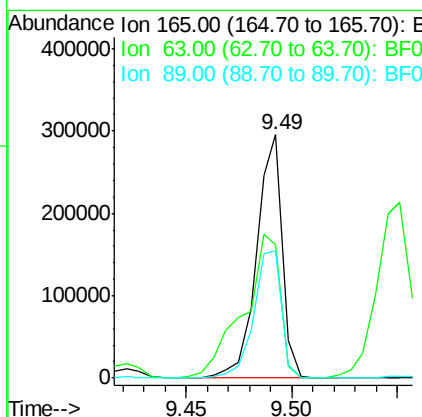
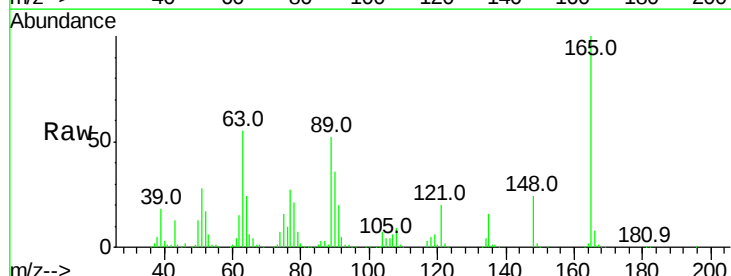
Instrument :
BNA_F
ClientSampled :

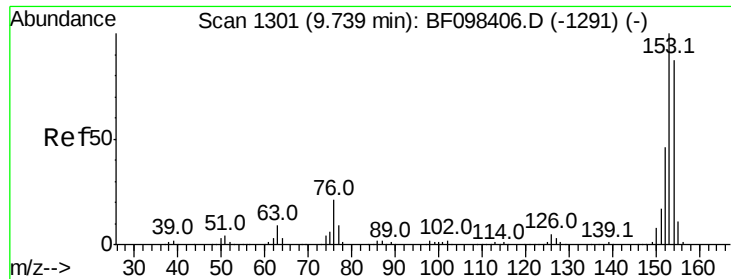
Tot Ion:163 Resp: 1112939
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.4 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 41.476 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion:165 Resp: 249480
Ion Ratio Lower Upper
165 100
63 54.6 34.3 51.5#
89 52.1 37.1 55.7

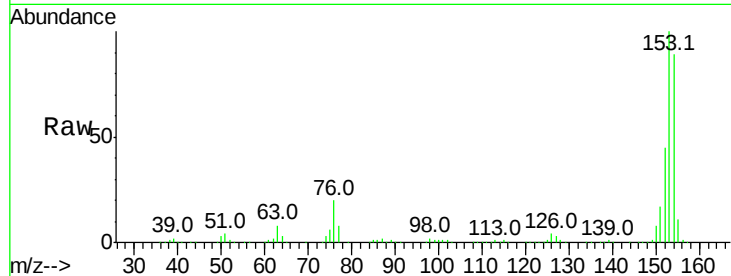




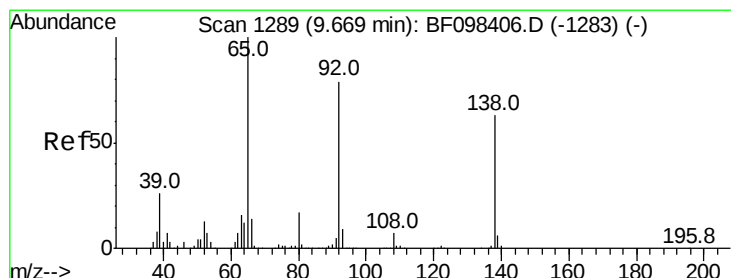
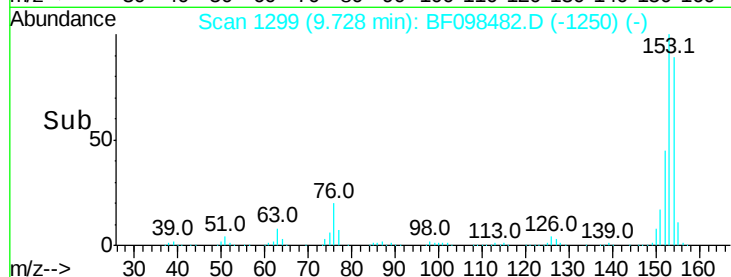
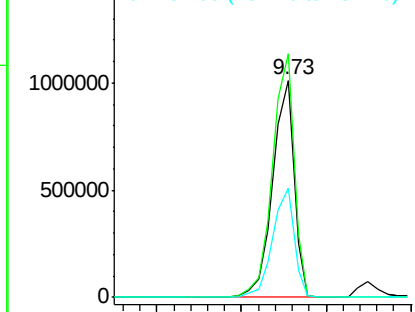
#51
Acenaphthene
Concen: 39.033 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 892094
Ion Ratio Lower Upper
154 100
153 112.1 90.5 135.7
152 50.2 43.6 65.4

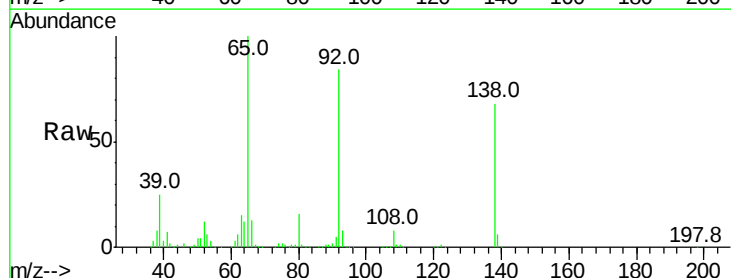


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

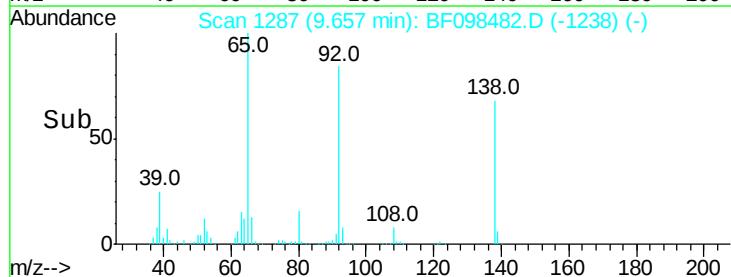
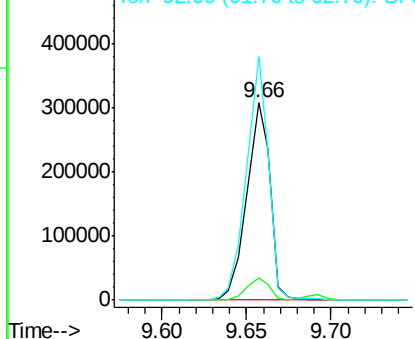


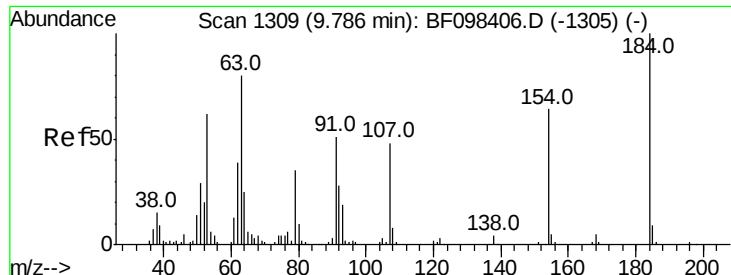
#52
3-Nitroaniline
Concen: 40.918 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion:138 Resp: 297102
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 123.5 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

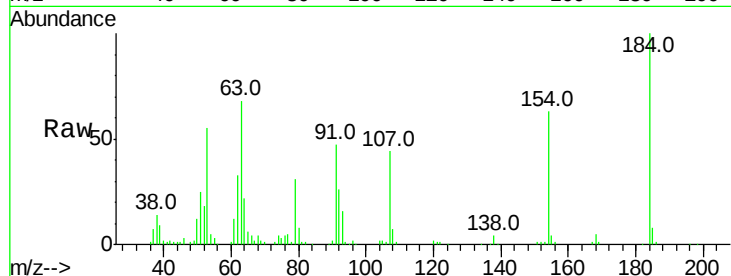




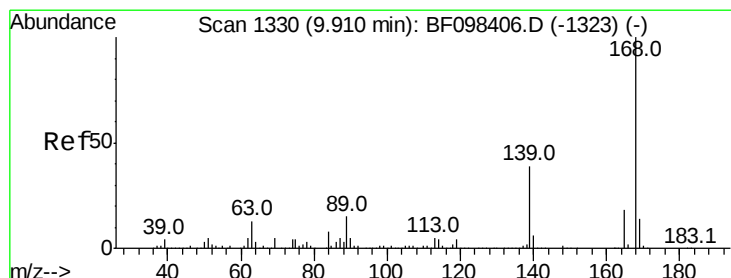
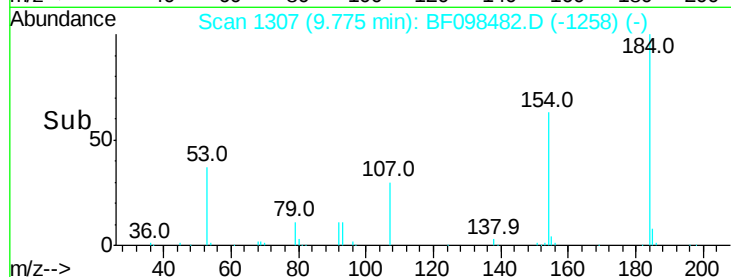
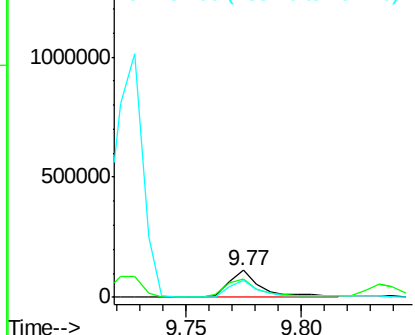
#53
2,4-Dinitrophenol
Concen: 43.198 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 110344
Ion Ratio Lower Upper
184 100
63 68.4 62.7 94.1
154 63.2 81.1 121.7#

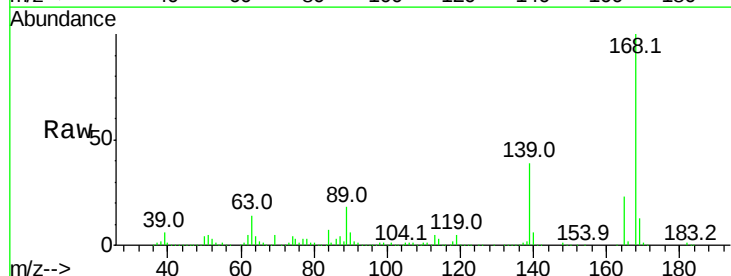


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

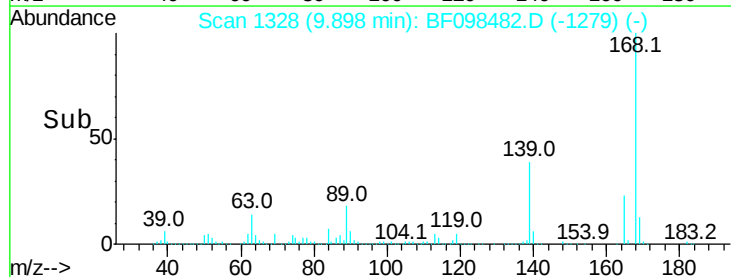
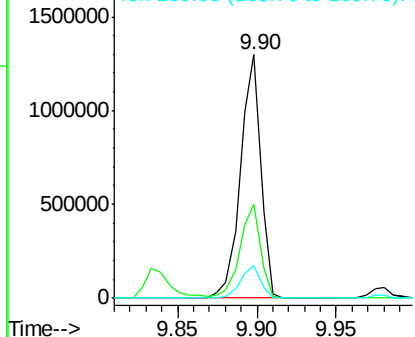


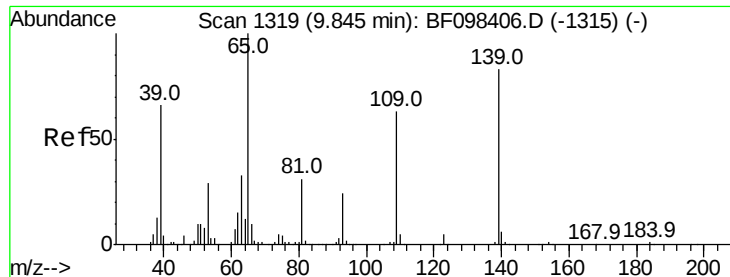
#54
Dibenzofuran
Concen: 38.214 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion:168 Resp: 1150586
Ion Ratio Lower Upper
168 100
139 38.6 30.6 45.8
169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

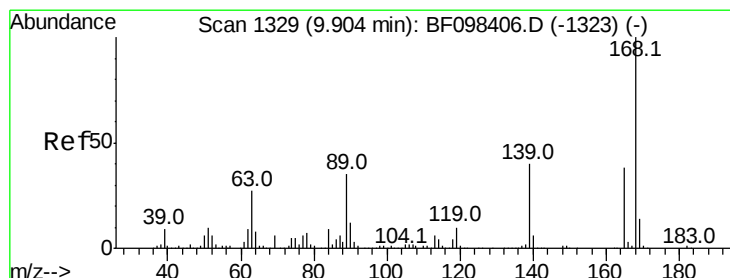
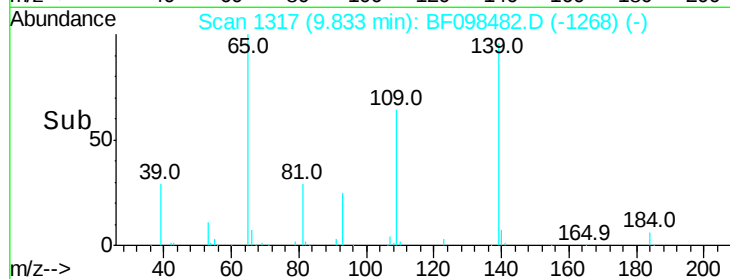
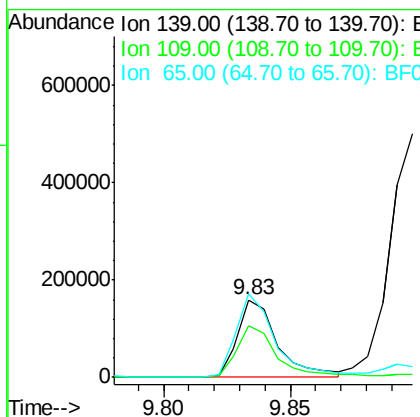
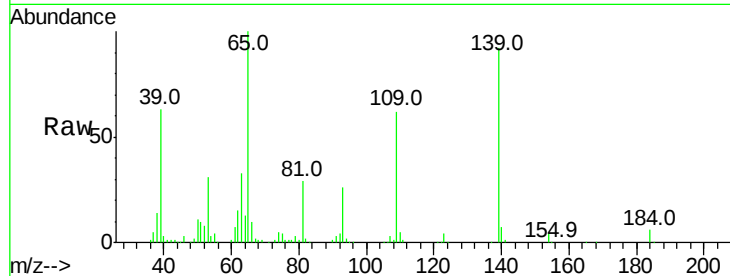




#55
4-Nitrophenol
Concen: 41.815 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

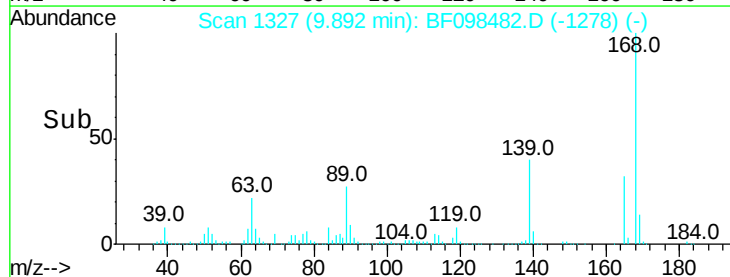
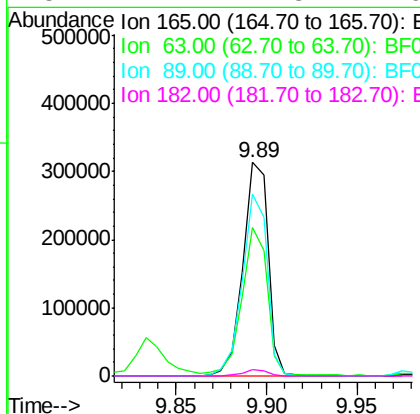
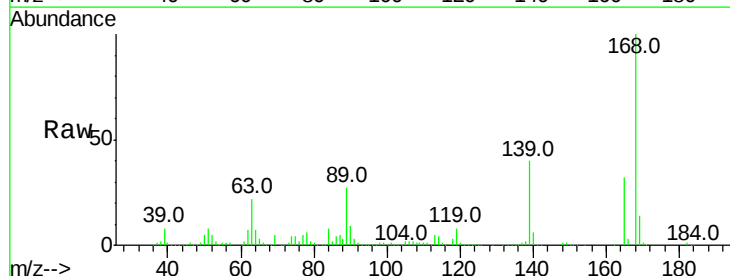
Instrument :
BNA_F
ClientSampleId :

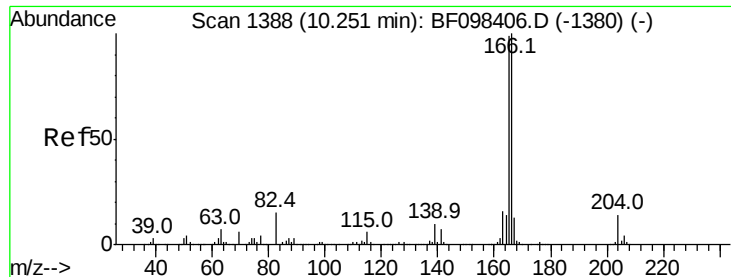
Tot Ion:139 Resp: 174438
Ion Ratio Lower Upper
139 100
109 67.4 34.1 74.1
65 109.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.419 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion:165 Resp: 302890
Ion Ratio Lower Upper
165 100
63 69.3 25.4 38.0#
89 84.9 46.4 69.6#
182 2.7 1.8 2.6#





#57

Fluorene

Concen: 38.388 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampled :

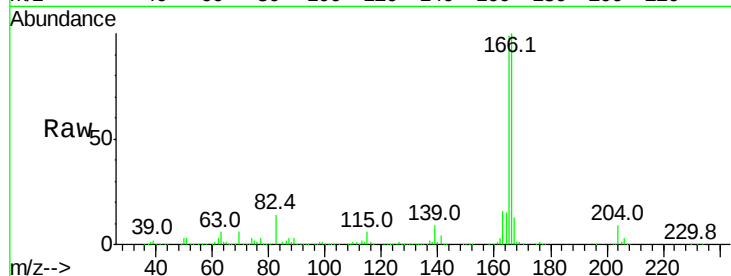
Tot Ion:166 Resp: 956677

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

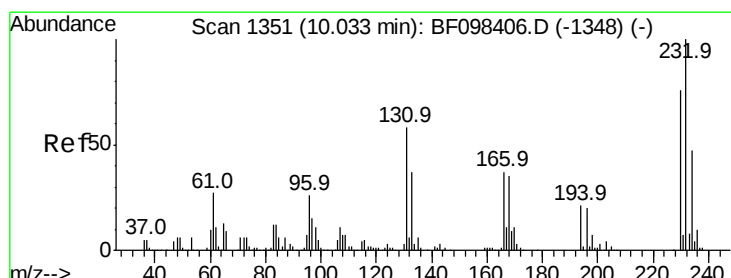
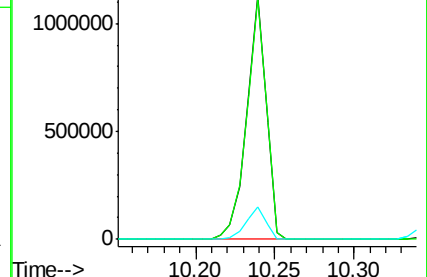
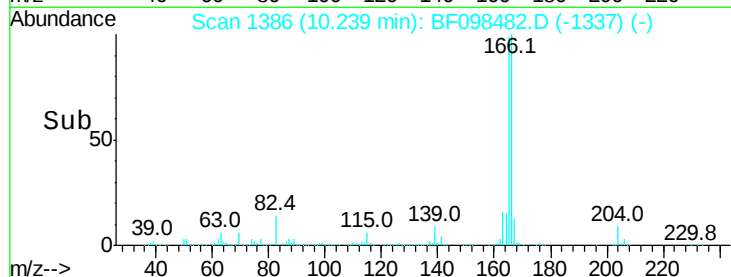
167 13.5 10.6 16.0



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: 42.916 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Tgt Ion:232 Resp: 208655

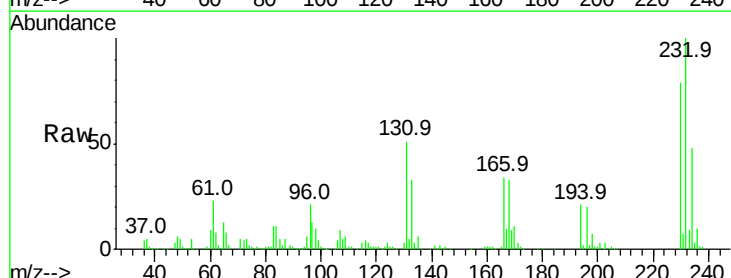
Ion Ratio Lower Upper

232 100

131 53.7 44.8 67.2

130 2.8 2.3 3.5

166 34.3 29.0 43.4

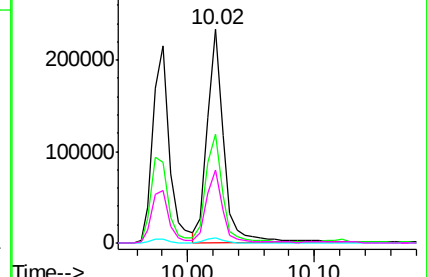
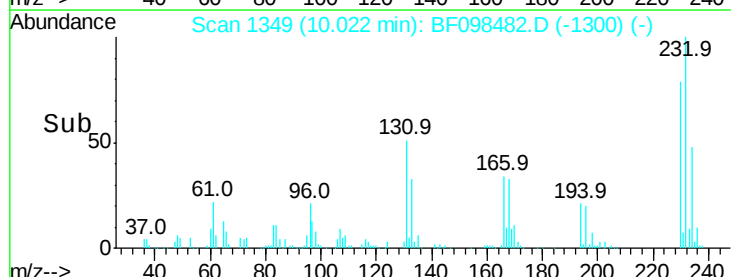


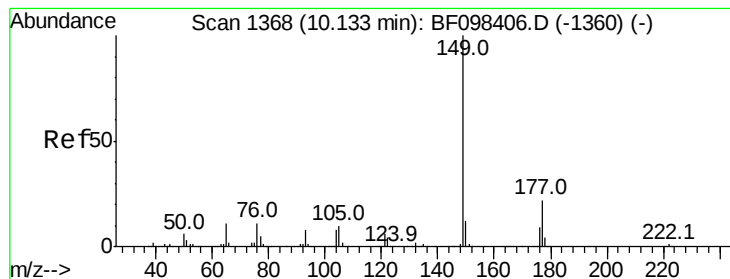
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.132 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampled :

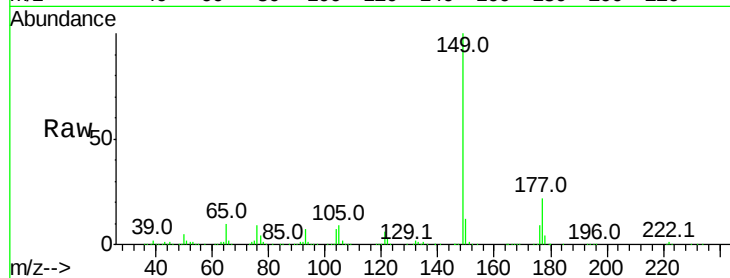
Tot Ion:149 Resp: 1034079

Ion Ratio Lower Upper

149 100

177 22.2 16.7 25.1

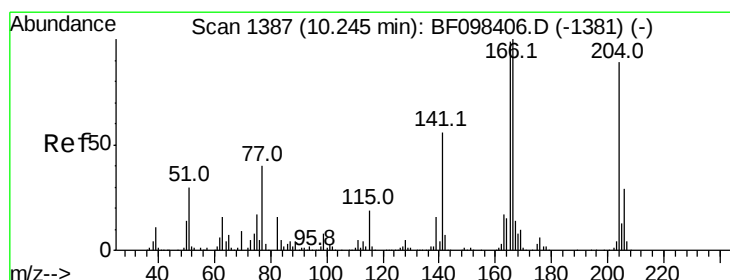
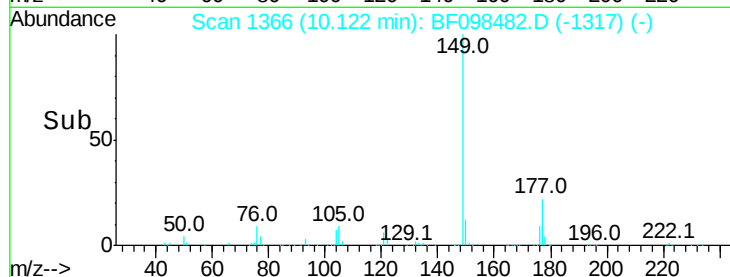
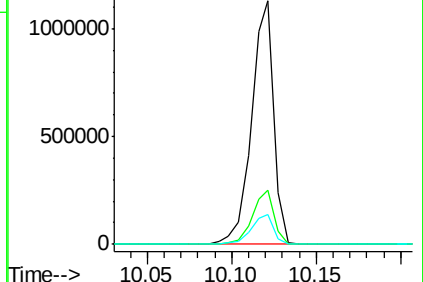
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.997 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

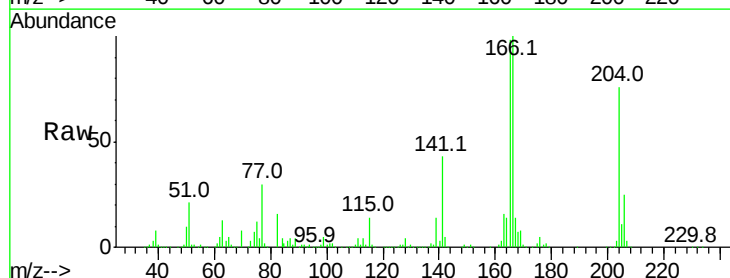
Tgt Ion:204 Resp: 448887

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

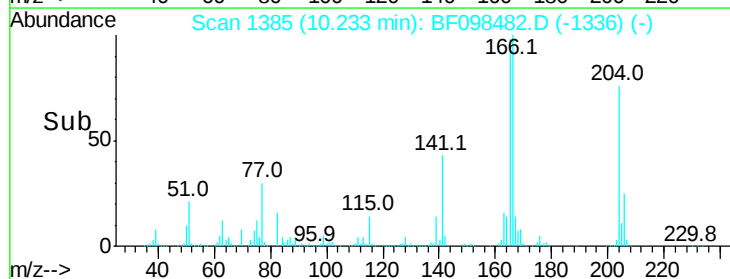
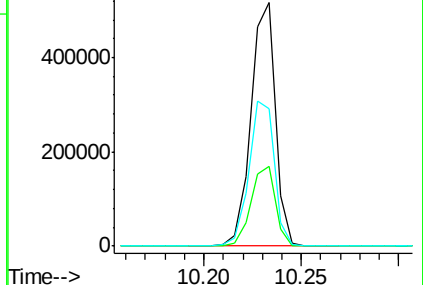
141 56.5 60.8 91.2#

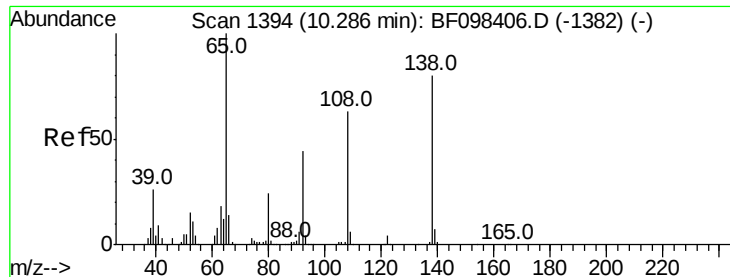


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.695 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :

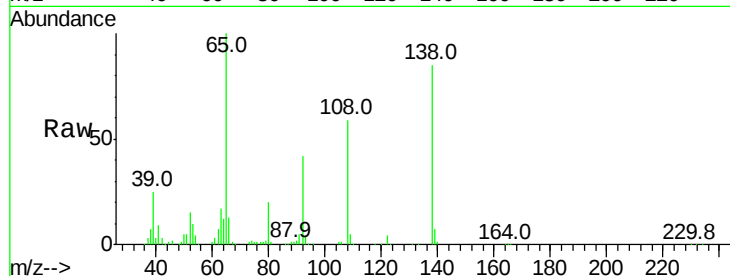
Tot Ion:138 Resp: 298410

Ion Ratio Lower Upper

138 100

92 49.6 21.8 61.8

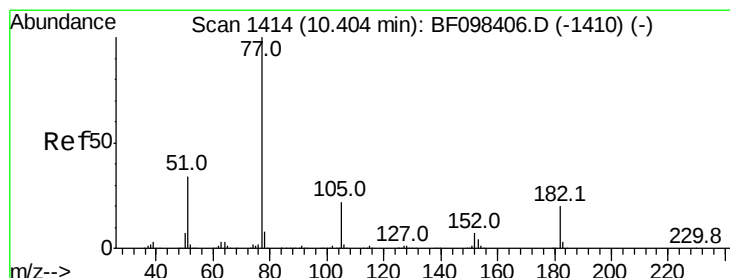
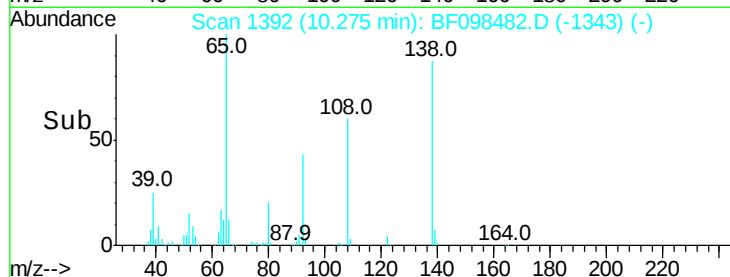
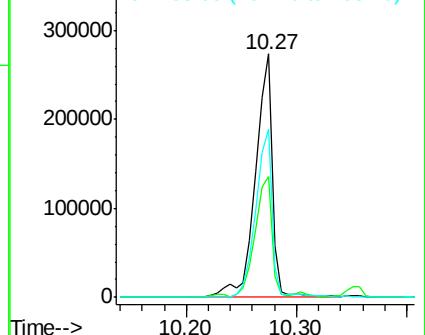
108 69.2 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.724 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Tgt Ion: 77 Resp: 1042259

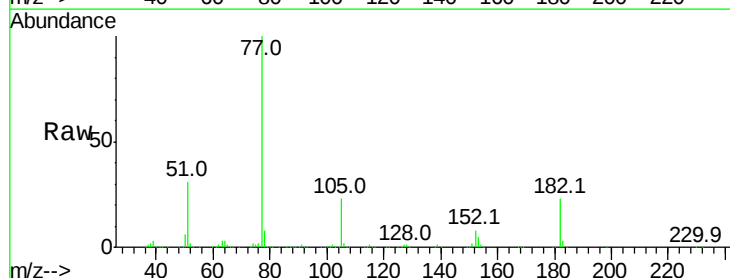
Ion Ratio Lower Upper

77 100

182 23.4 0.1 40.1

105 23.3 3.6 43.6

51 30.7 9.4 49.4

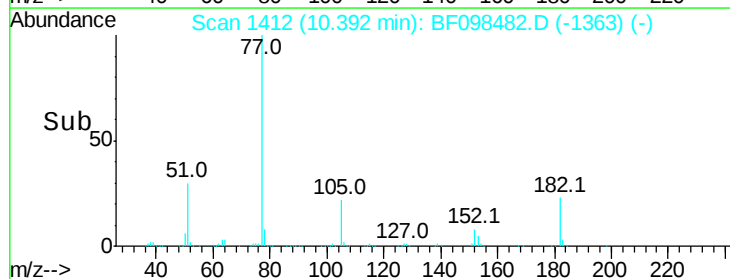
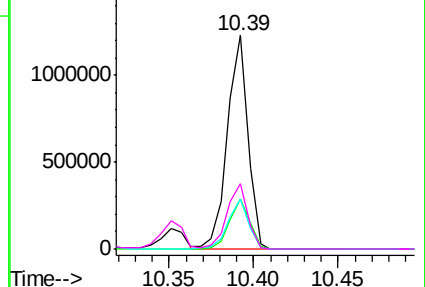


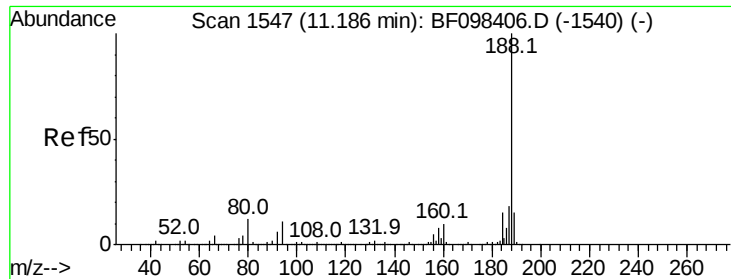
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

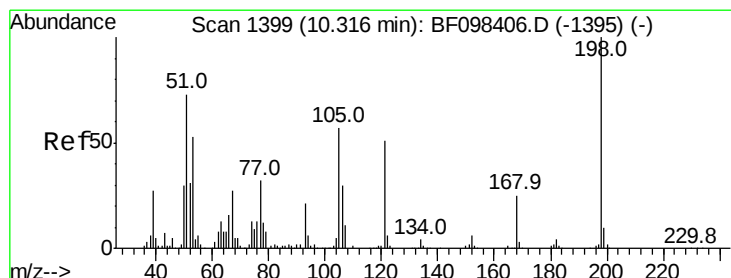
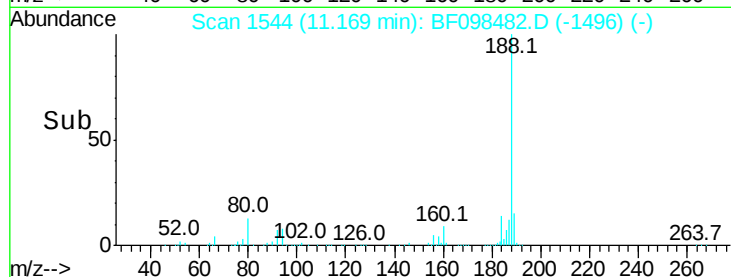
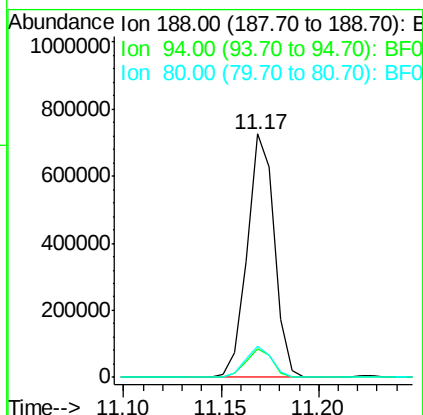
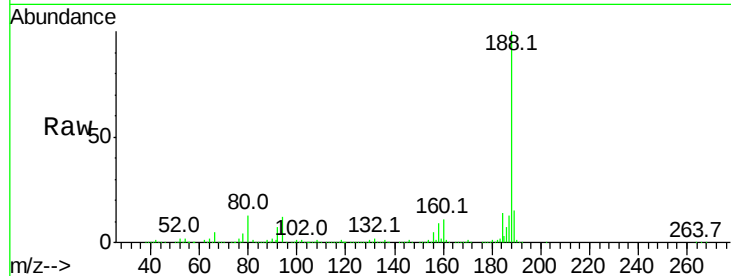




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

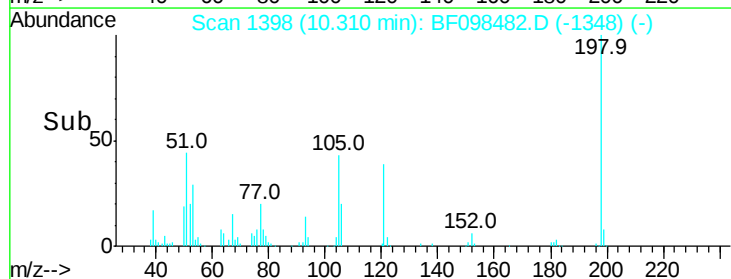
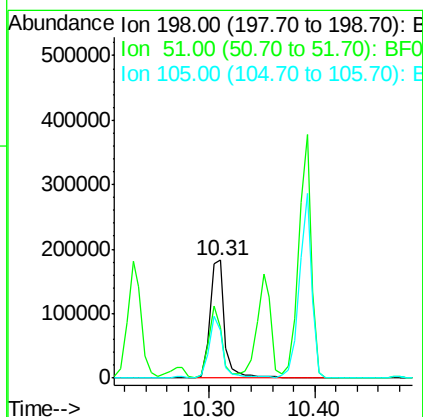
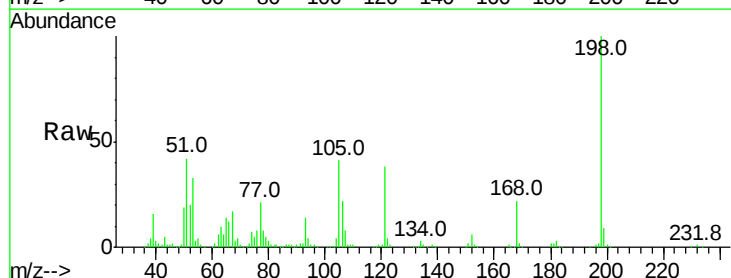
Instrument :
BNA_F
ClientSampled :

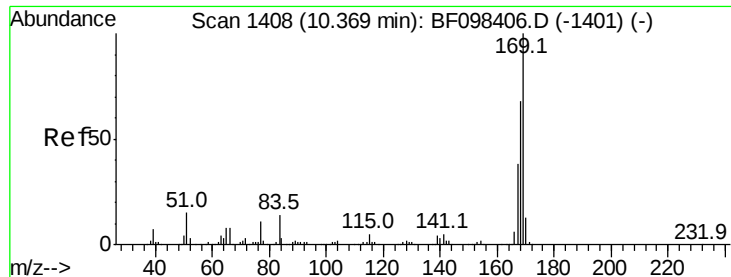
Tot Ion:188 Resp: 700088
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 13.0 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.848 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion:198 Resp: 181438
Ion Ratio Lower Upper
198 100
51 42.4 53.2 93.2#
105 40.9 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 39.086 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :

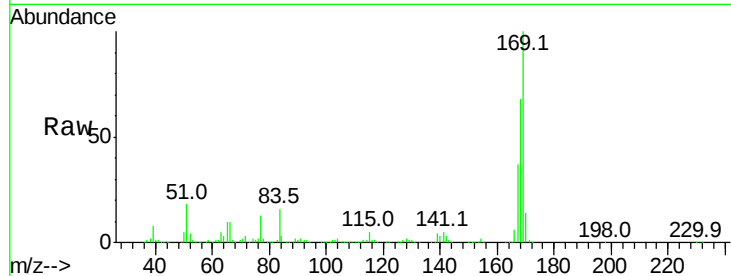
Tot Ion:169 Resp: 888503

Ion Ratio Lower Upper

169 100

168 68.3 53.2 79.8

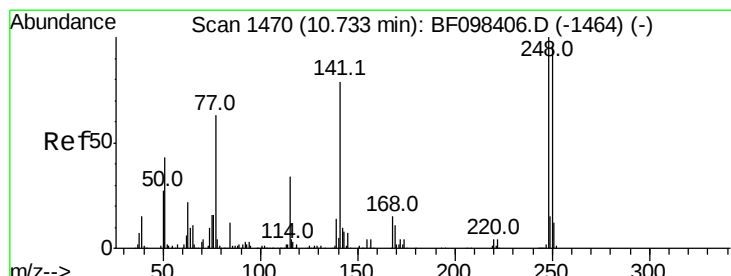
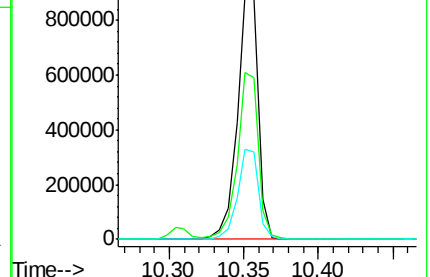
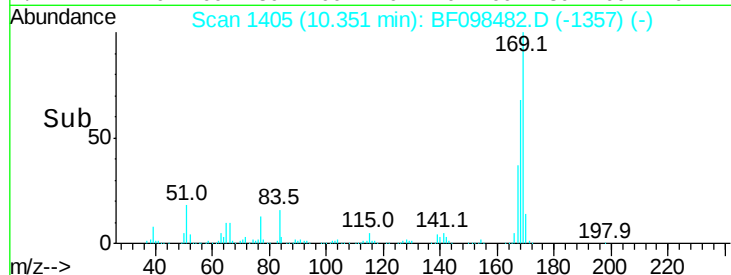
167 37.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.294 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

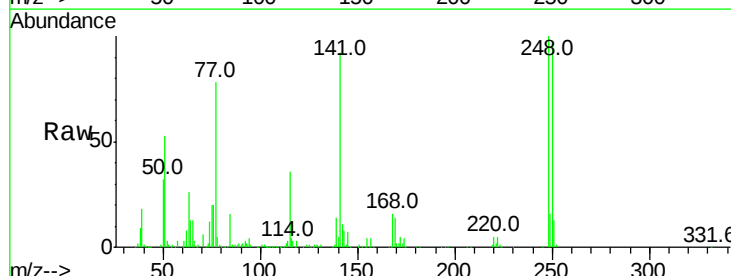
Tgt Ion:248 Resp: 267730

Ion Ratio Lower Upper

248 100

250 97.2 76.8 115.2

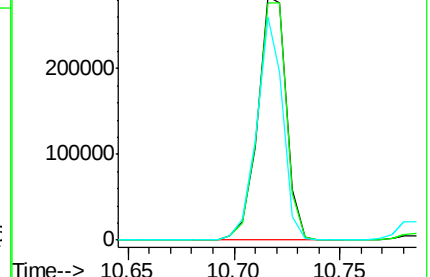
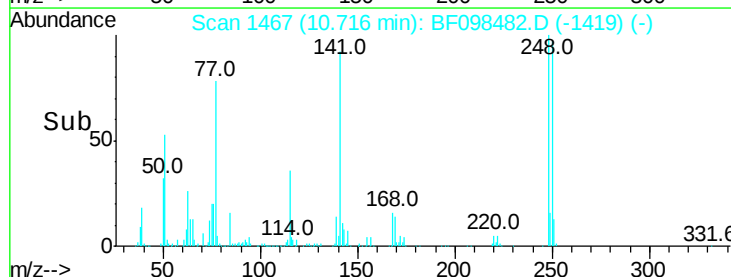
141 91.7 68.6 103.0

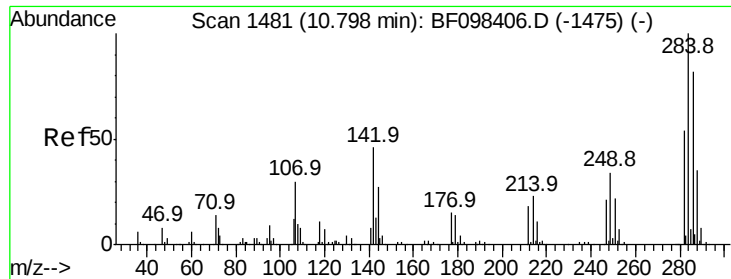


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.582 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :

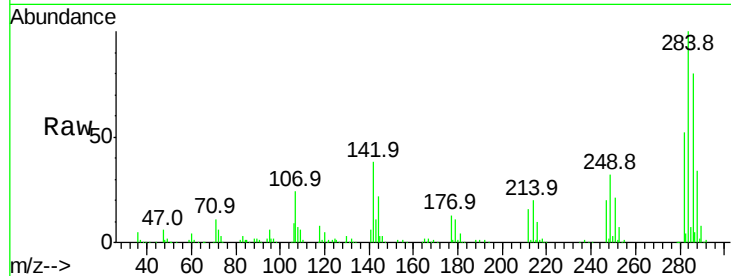
Tot Ion:284 Resp: 280254

Ion Ratio Lower Upper

284 100

142 38.0 22.8 34.2#

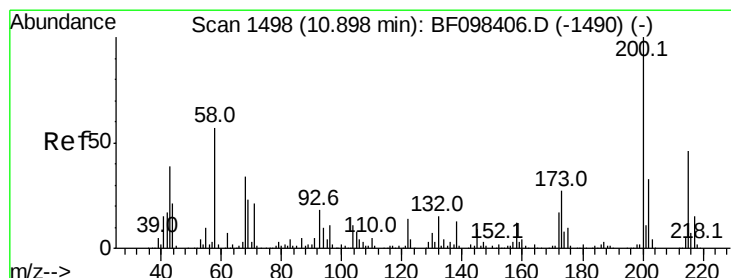
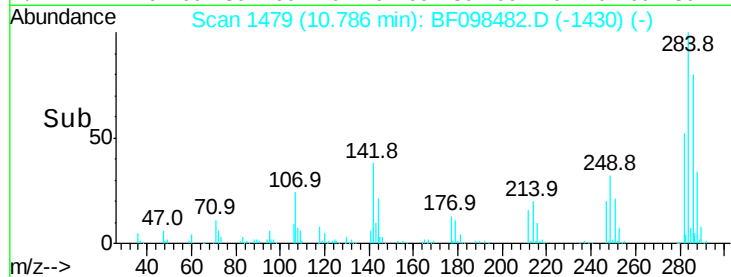
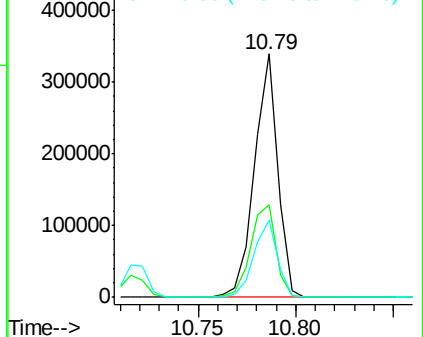
249 31.9 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.857 ng

RT: 10.89 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

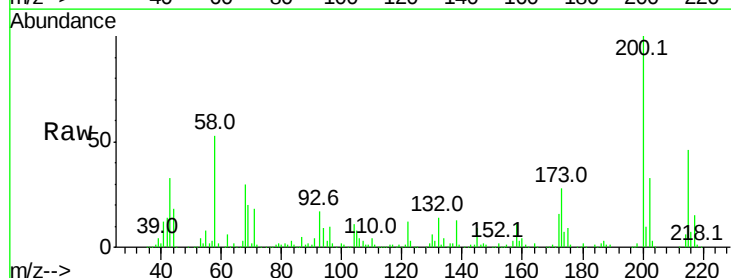
Tgt Ion:200 Resp: 271934

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

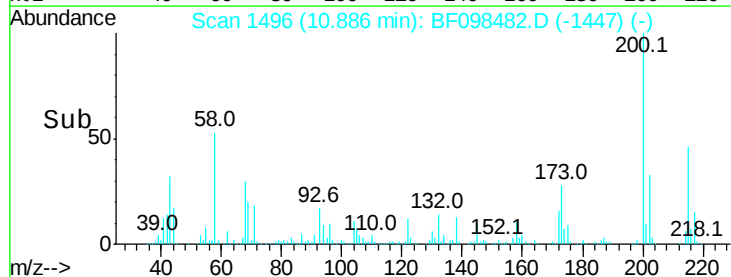
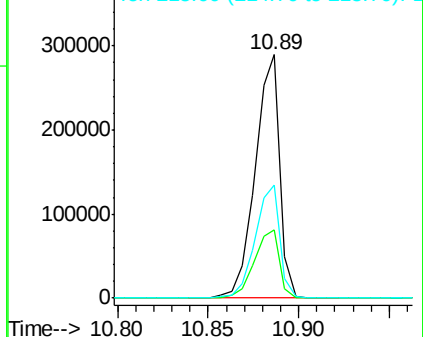
215 46.4 27.2 67.2

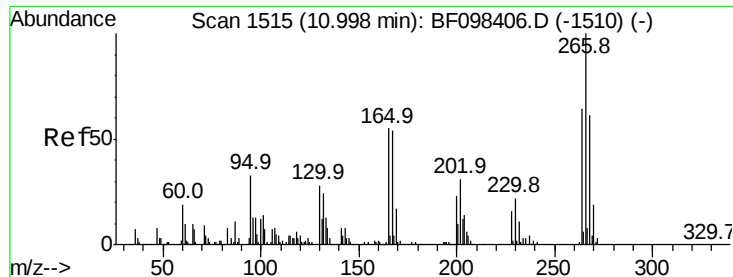


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 44.209 ng

RT: 10.99 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampled :

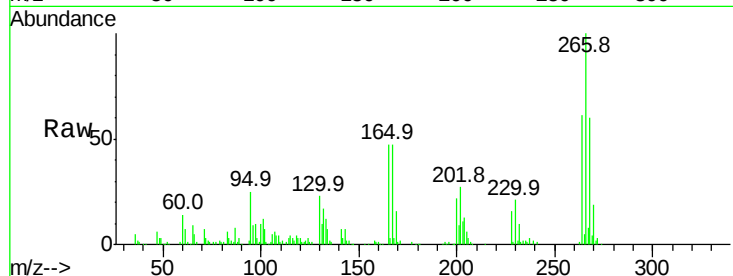
Tot Ion:266 Resp: 121754

Ion Ratio Lower Upper

266 100

268 59.6 51.1 76.7

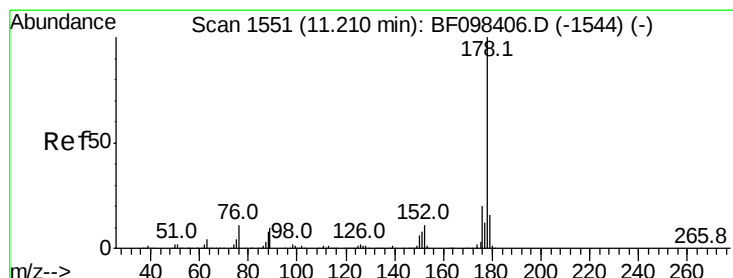
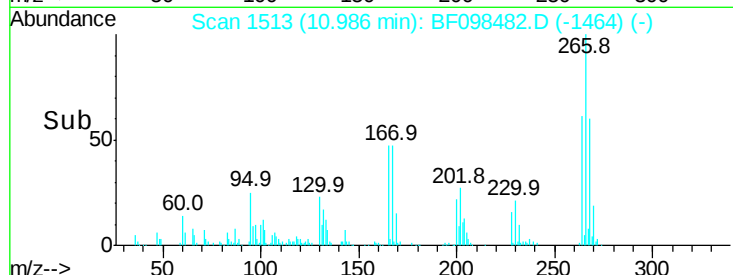
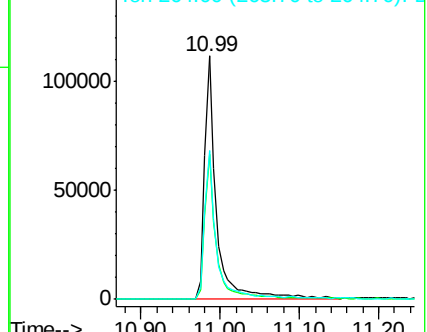
264 61.2 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.423 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

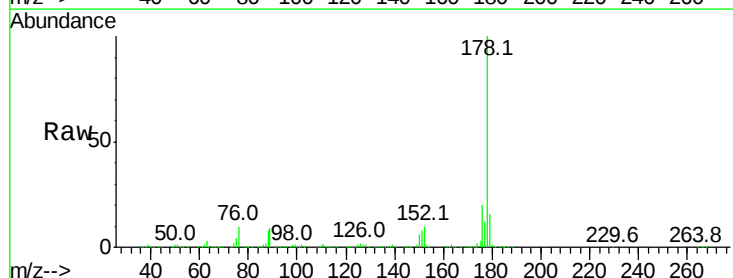
Tgt Ion:178 Resp: 1426020

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

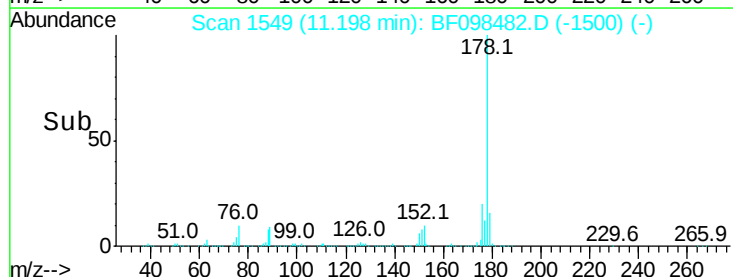
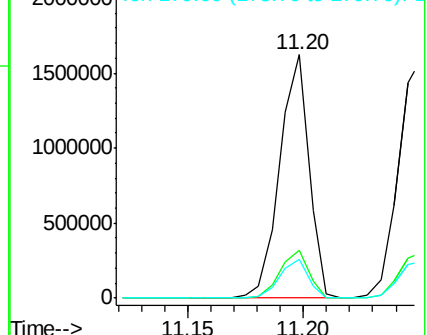
179 16.0 12.6 19.0

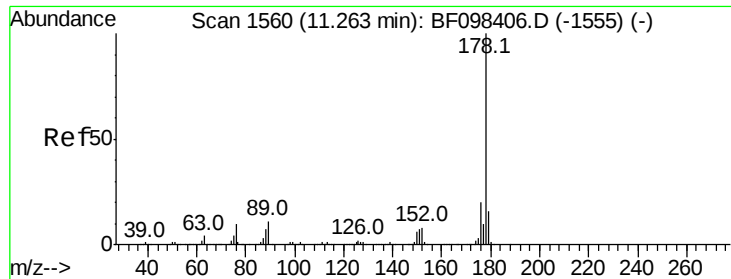


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

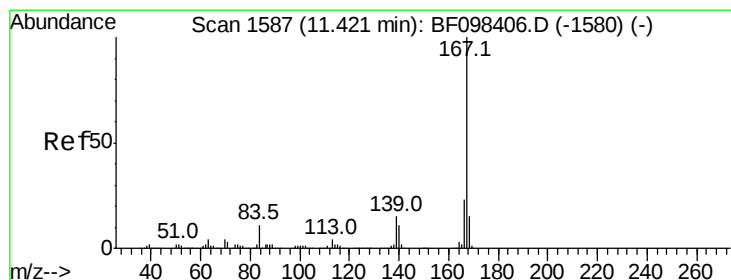
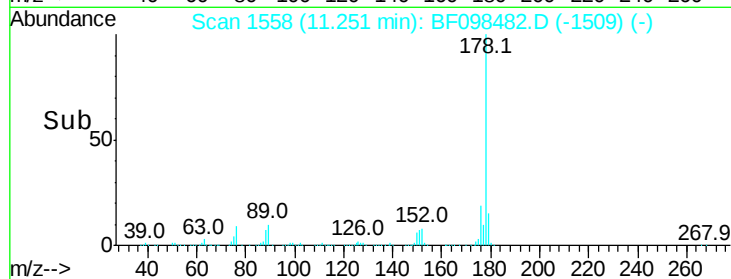
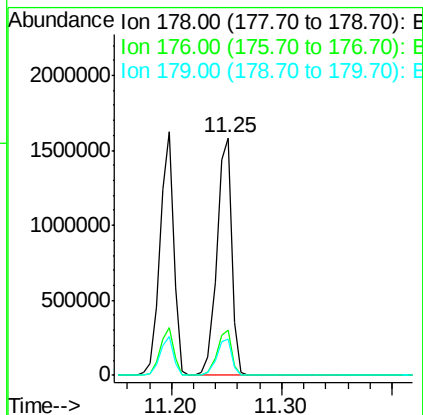
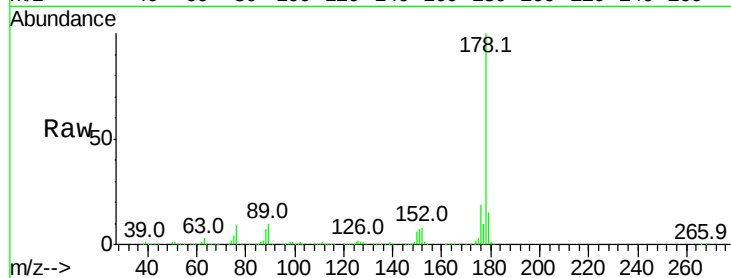




#71
 Anthracene
 Concen: 38.699 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

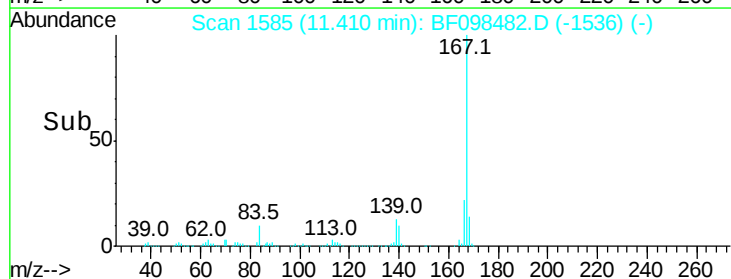
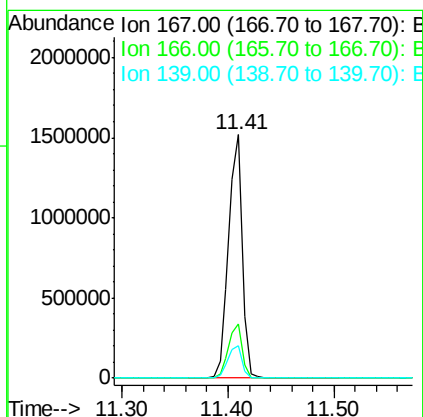
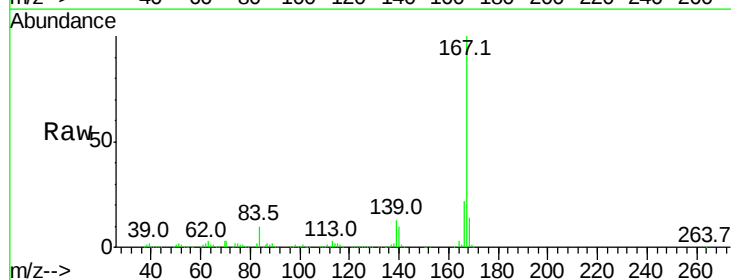
Instrument :
 BNA_F
 ClientSampleId :

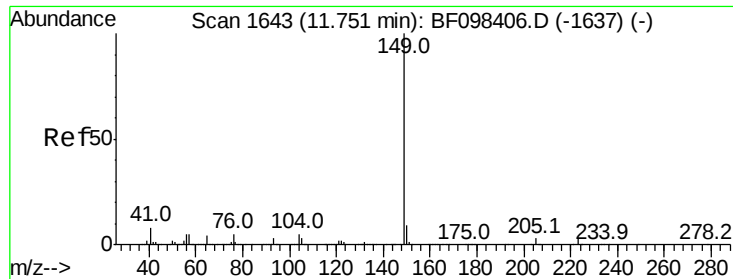
Tot Ion:178 Resp: 1474625
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 38.461 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion:167 Resp: 1365845
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 37.494 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :

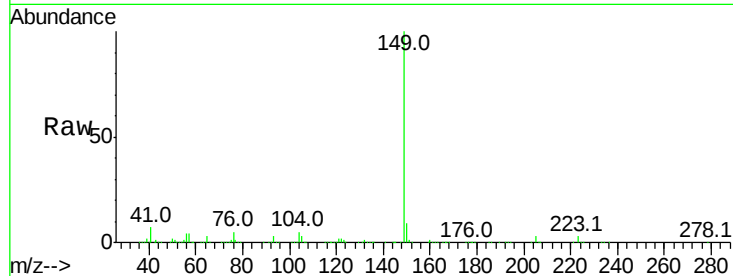
Tot Ion:149 Resp: 1595306

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.7	4.0	6.0

149 100

150 9.5 7.7 11.5

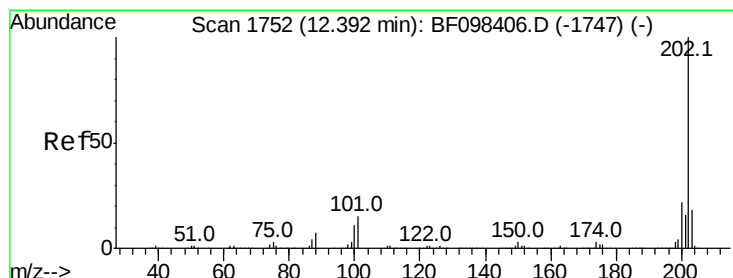
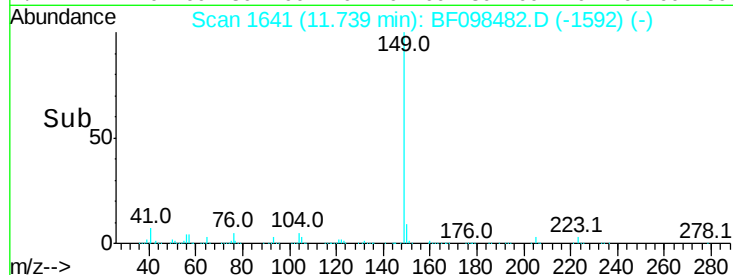
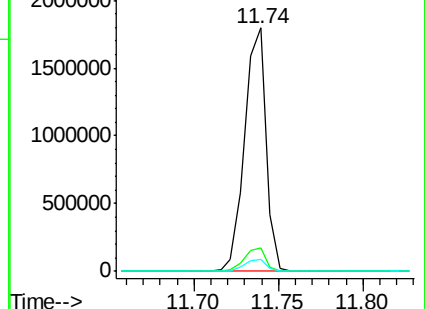
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.213 ng

RT: 12.38 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

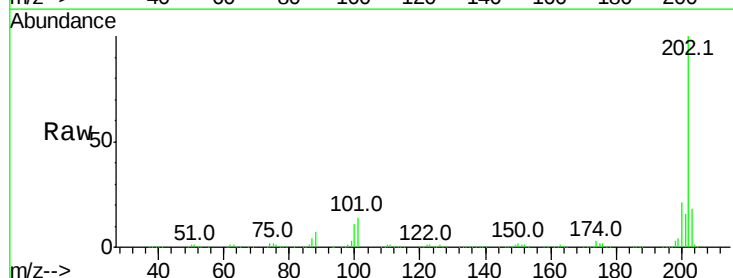
Tgt Ion:202 Resp: 1456907

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.9	0.0	38.1

202 100

101 13.8 0.0 33.2

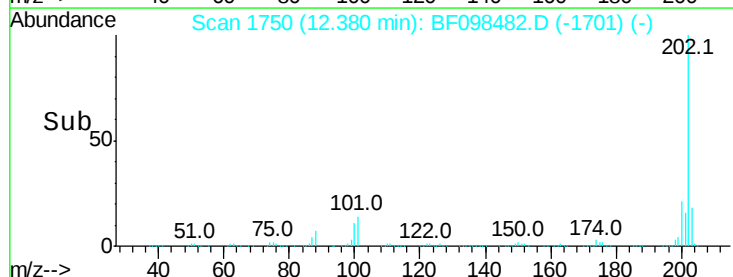
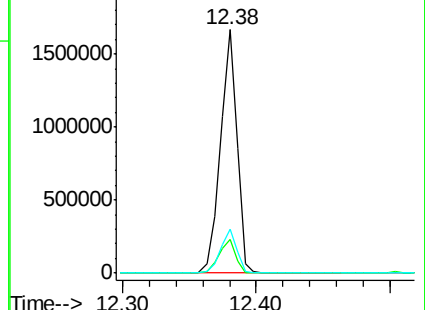
203 17.9 0.0 38.1

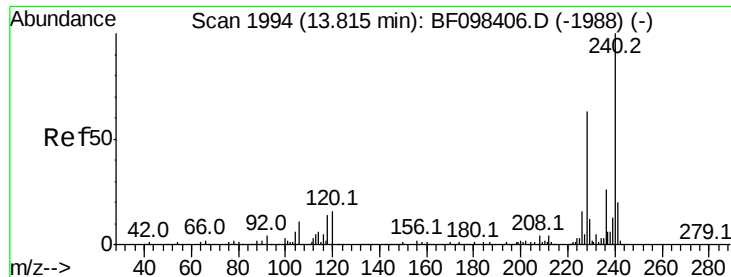


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :

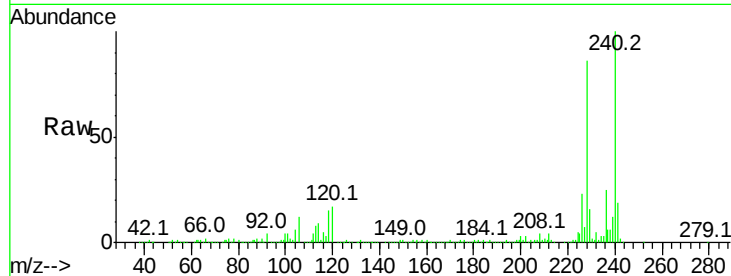
Tot Ion:240 Resp: 521241

Ion Ratio Lower Upper

240 100

120 17.3 5.8 8.8#

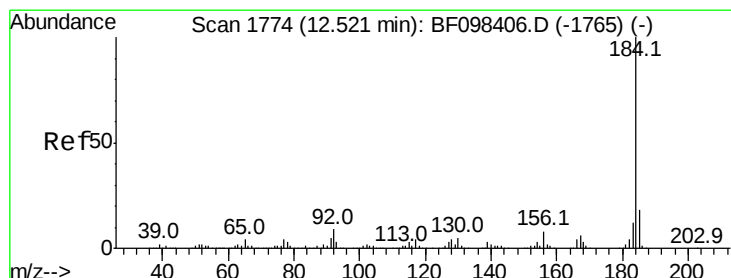
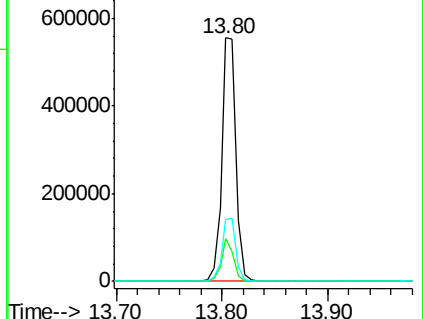
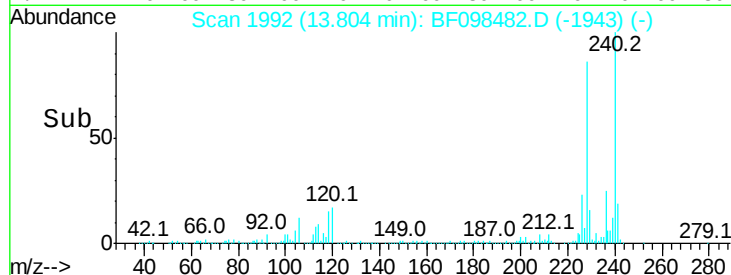
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.563 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

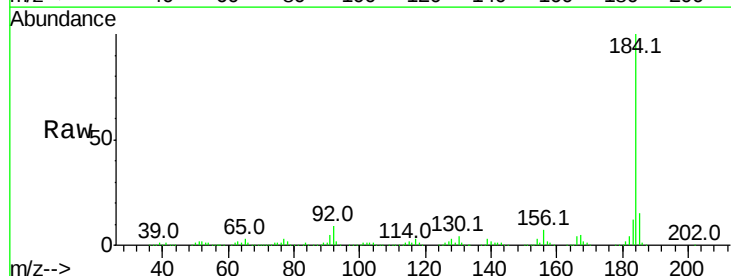
Tgt Ion:184 Resp: 843453

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

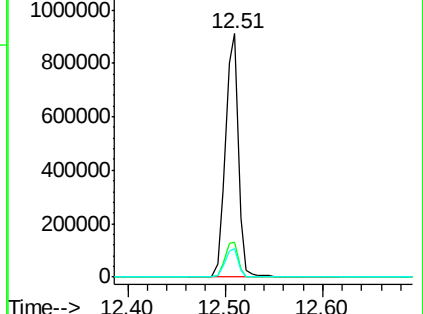
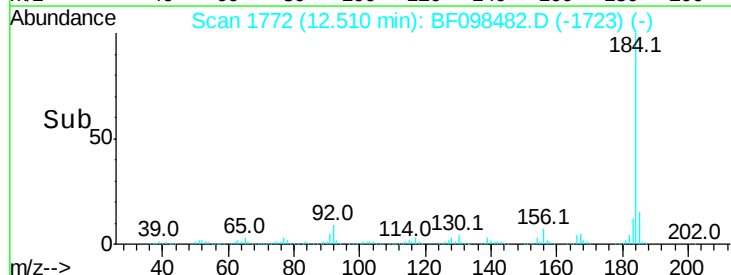
183 11.7 9.8 14.6

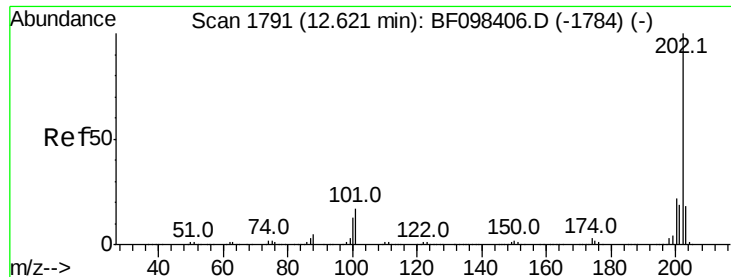


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

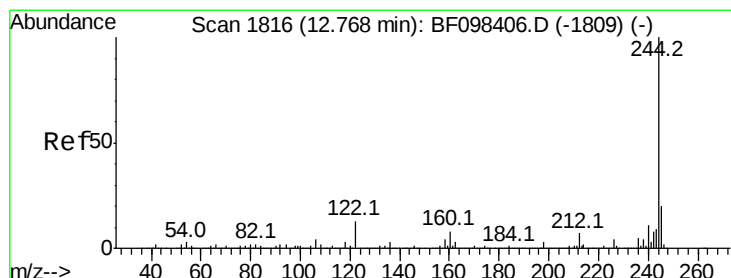
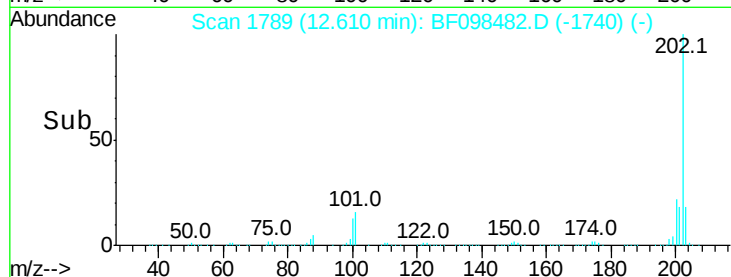
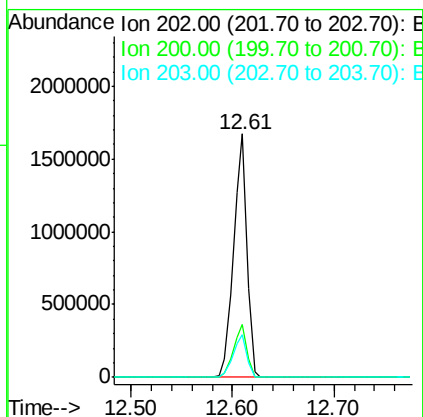
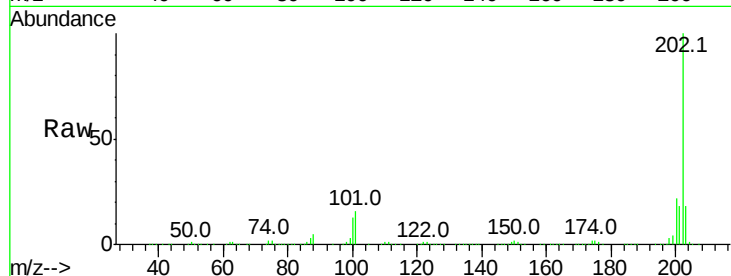




#77
Pvrene
Concen: 37.102 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

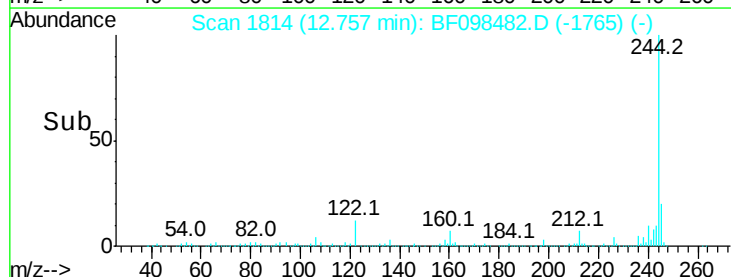
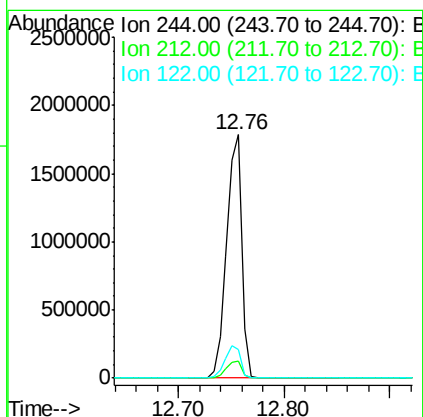
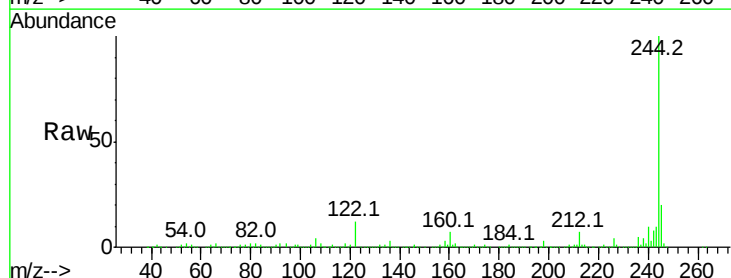
Instrument :
BNA_F
ClientSampleId :

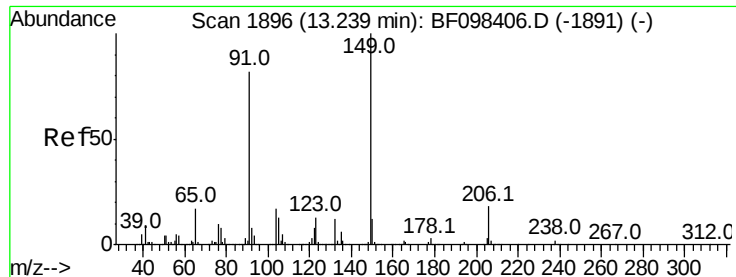
Tot Ion:202 Resp: 1525609
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.6 14.4 21.6



#78
Terphenyl-d14
Concen: 73.615 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion:244 Resp: 1777717
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 11.9 10.3 15.5

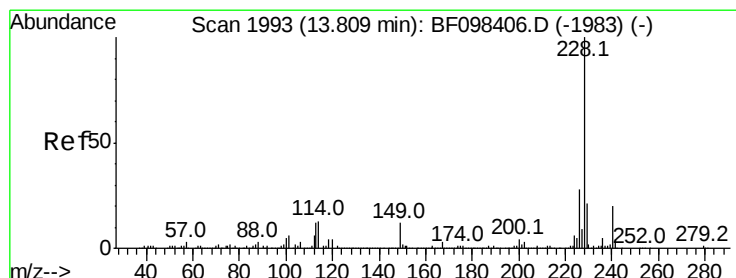
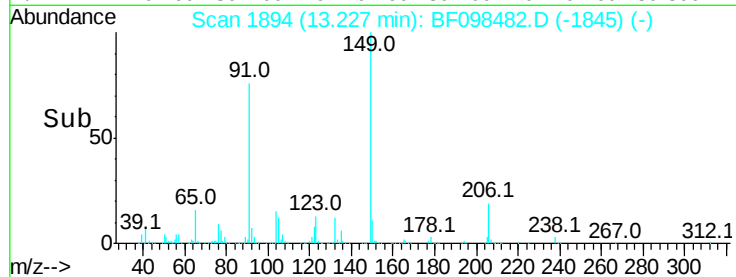
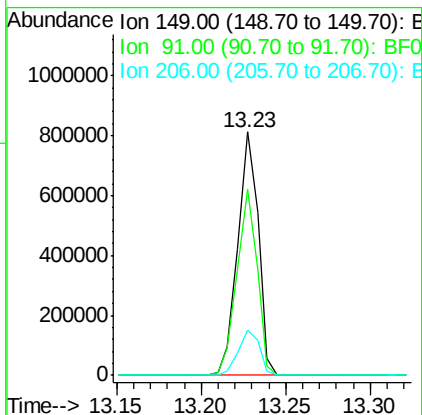
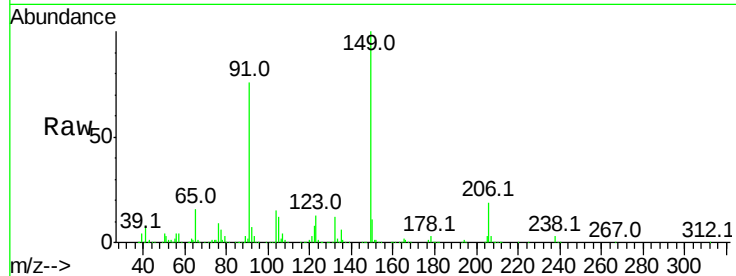




#79
Butylbenzylphthalate
Concen: 38.503 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

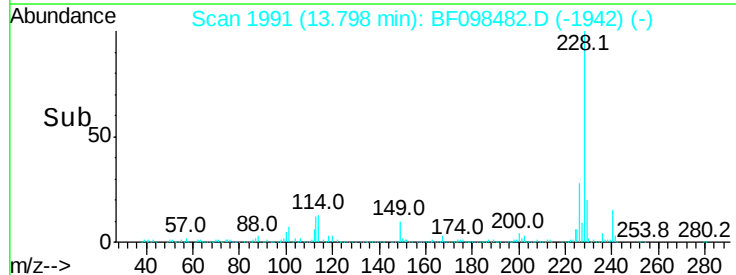
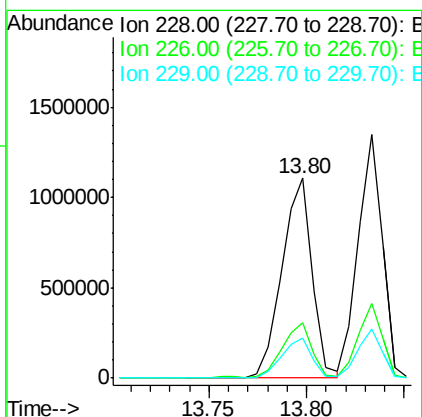
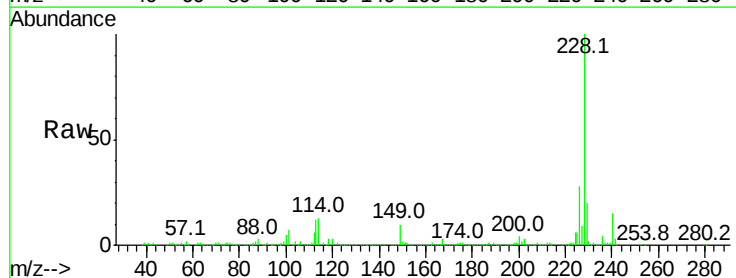
Instrument :
BNA_F
ClientSampleId :

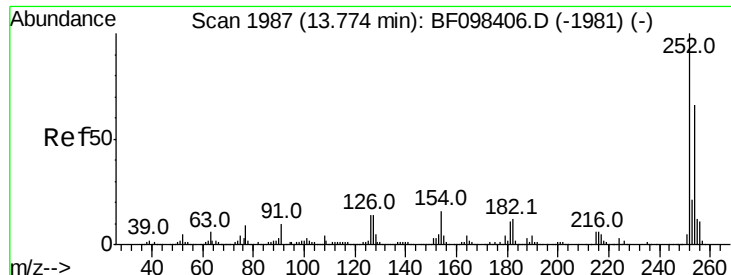
Tot Ion:149 Resp: 686828
Ion Ratio Lower Upper
149 100
91 76.3 45.0 67.4#
206 18.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 38.730 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion:228 Resp: 1183565
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.3 16.3 24.5

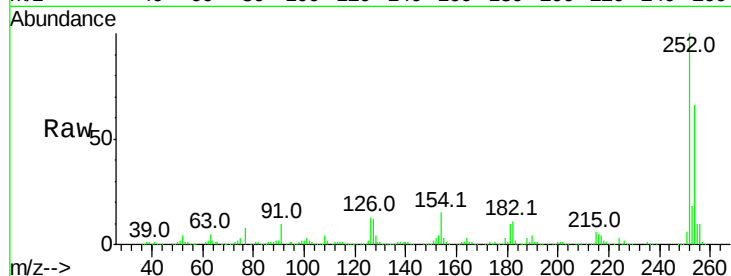




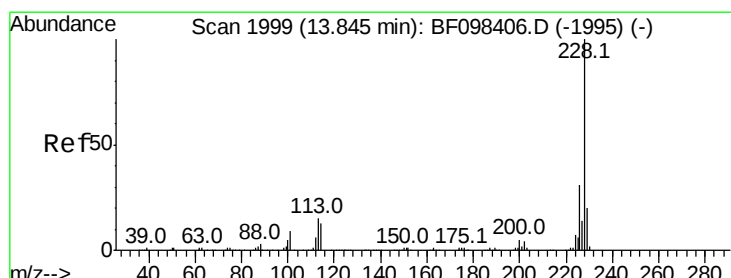
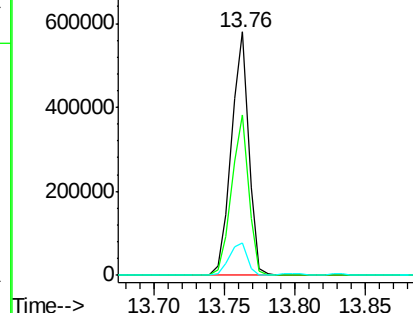
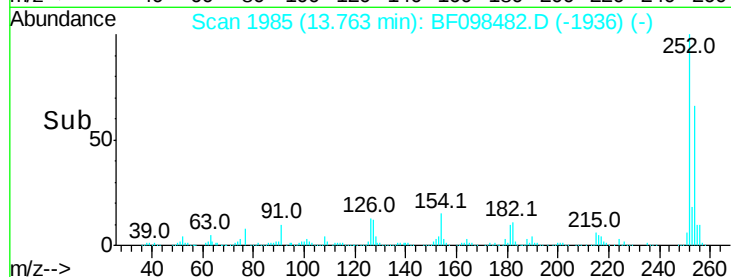
#81
 3,3'-Dichlorobenzidine
 Concen: 41.717 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.5	77.3
126	13.3	15.8	23.8#

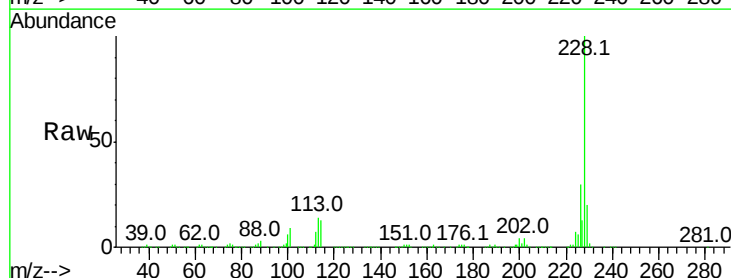


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

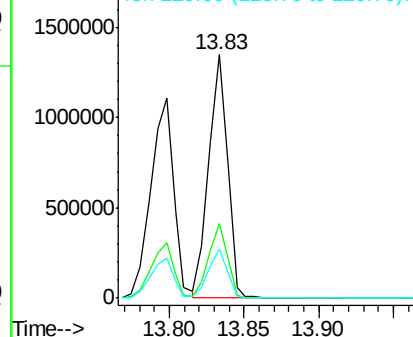
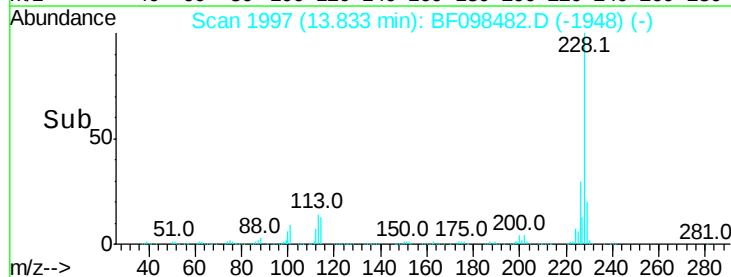


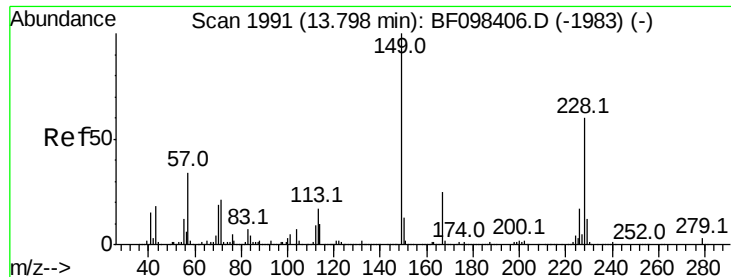
#82
 Chrysene
 Concen: 37.907 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.3	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

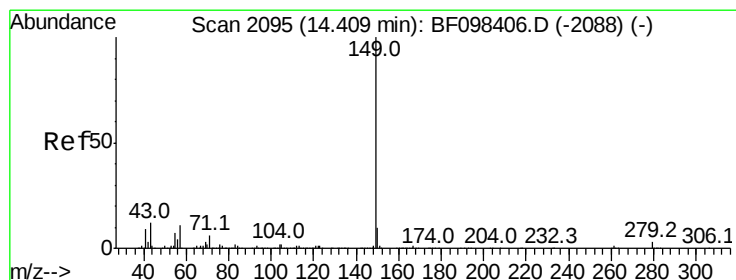
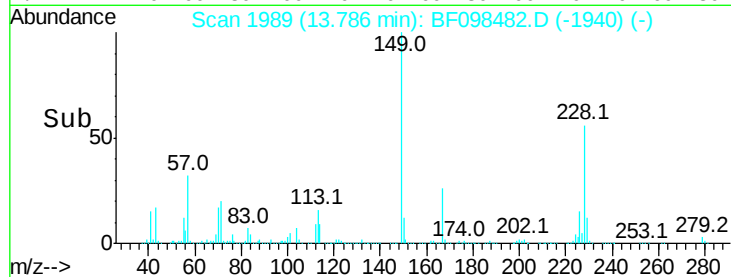
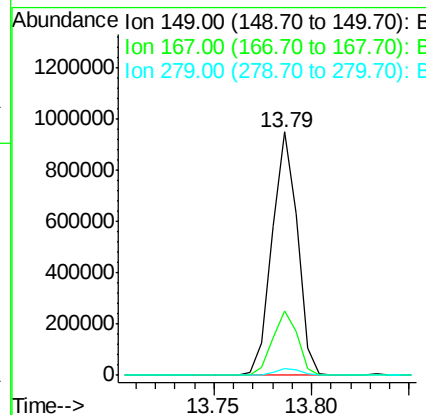
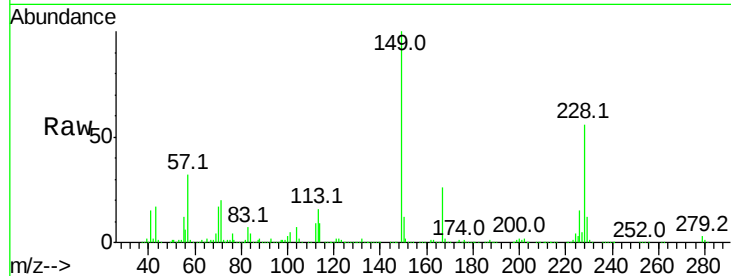




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.154 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

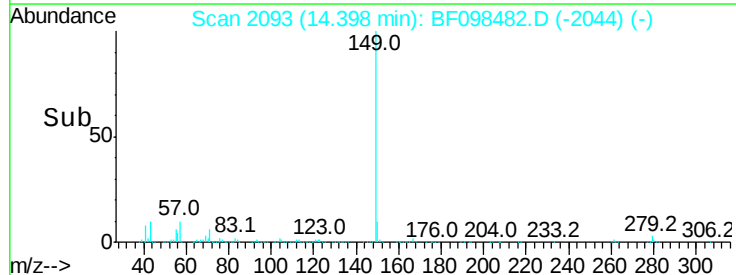
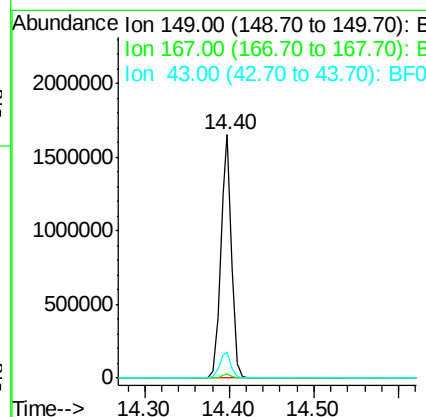
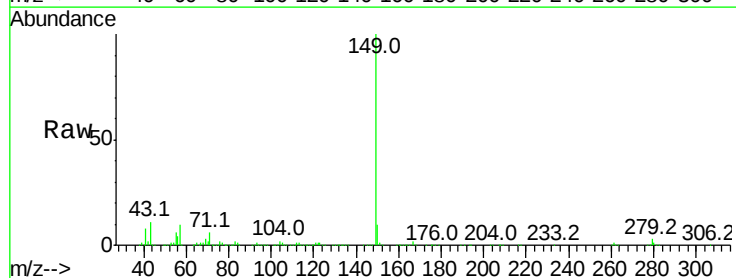
Instrument :
 BNA_F
 ClientSampleId :

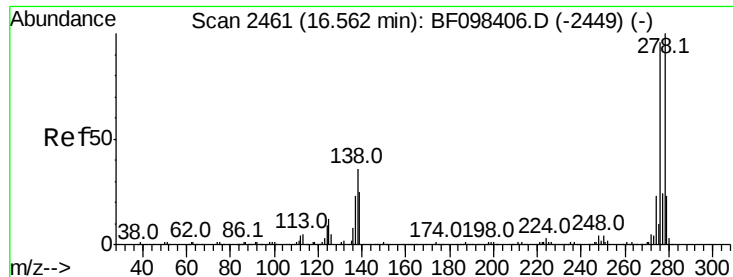
Tot Ion:149 Resp: 854176
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 39.126 ng
 RT: 14.40 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BF098482.D
 Acq: 13 Sep 2017 11:26

Tgt Ion:149 Resp: 1502865
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.2 8.5 12.7

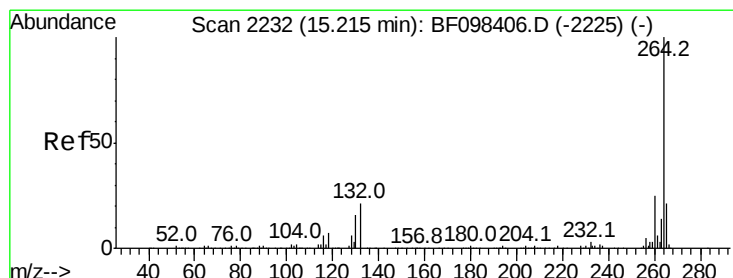
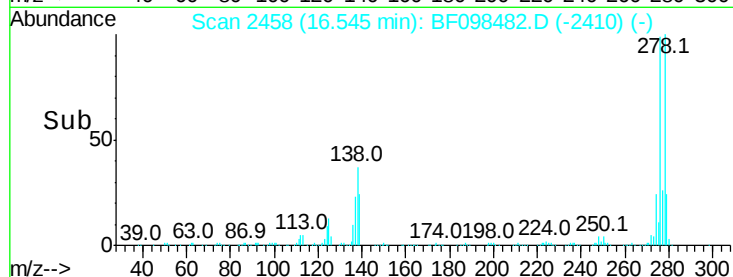
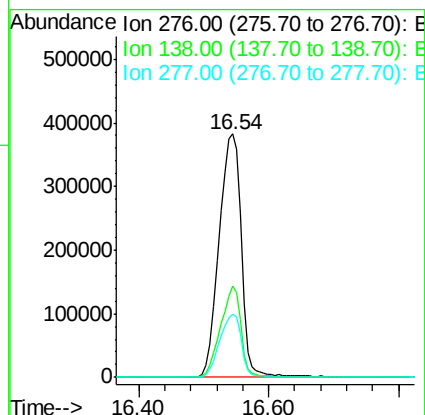
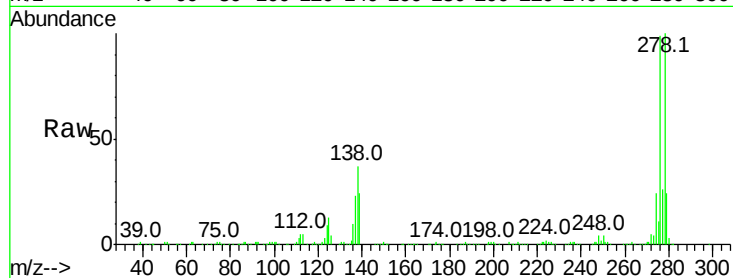




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.956 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

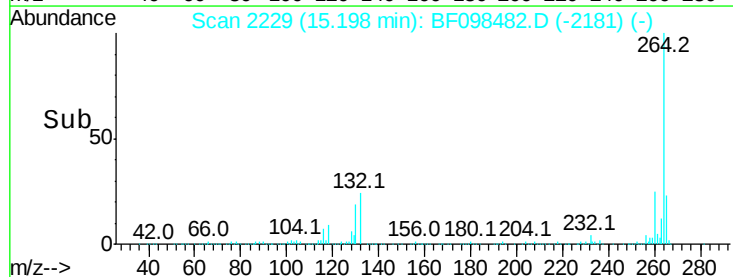
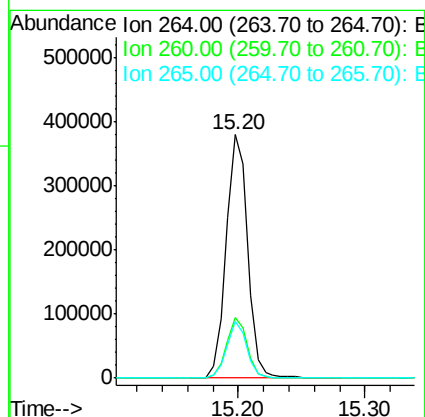
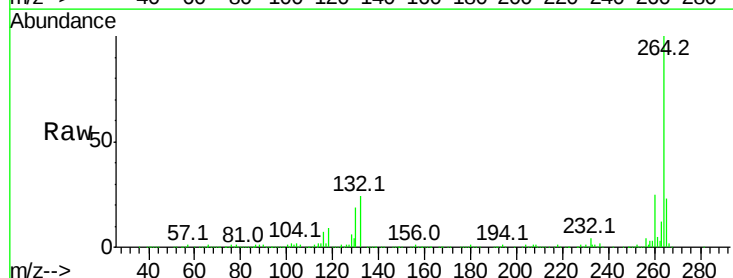
Instrument :
BNA_F
ClientSampled :

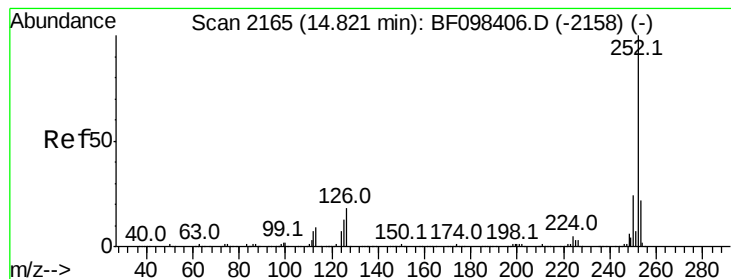
Tot Ion: 276 Resp: 909281
Ion Ratio Lower Upper
276 100
138 34.4 27.8 41.6
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098482.D
Acq: 13 Sep 2017 11:26

Tgt Ion: 264 Resp: 445260
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 23.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 37.996 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :

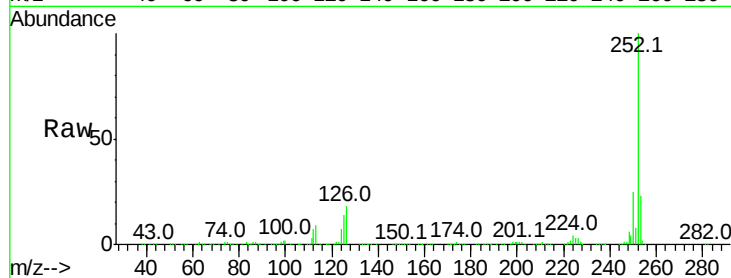
Tot Ion:252 Resp: 1063751

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

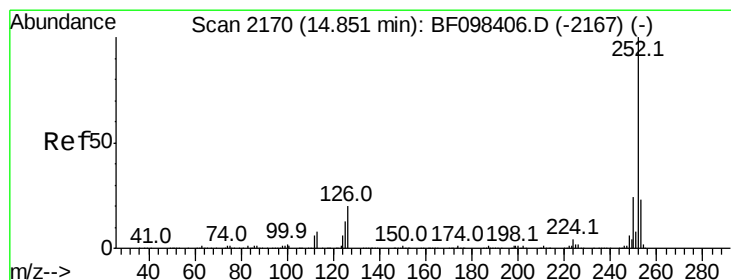
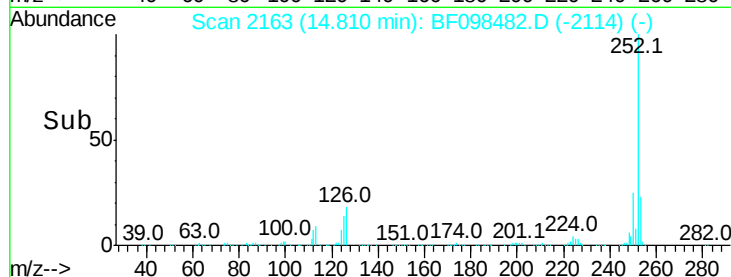
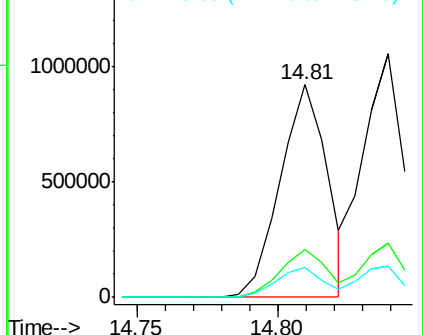
125 14.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.700 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.04 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

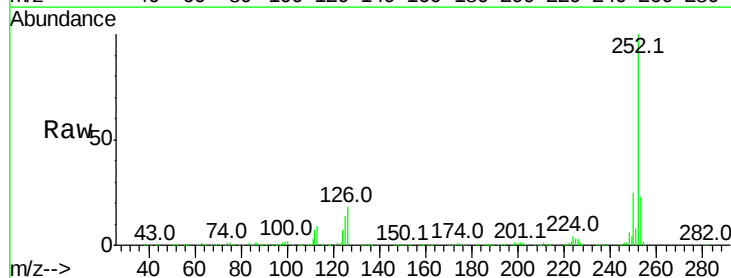
Tgt Ion:252 Resp: 1063751

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

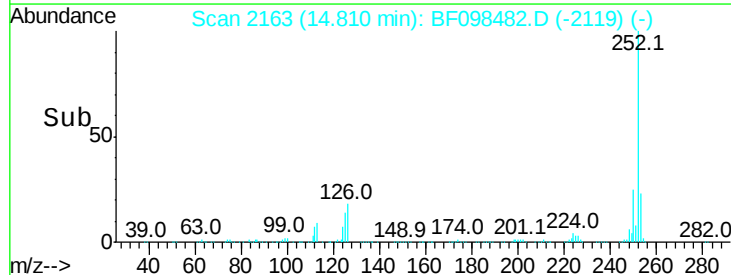
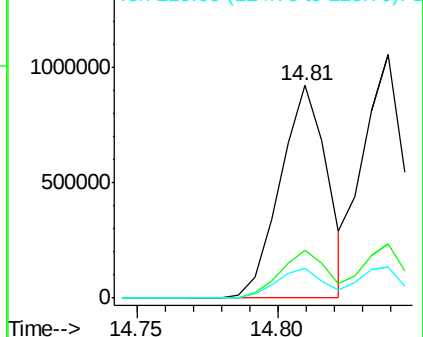
125 14.0 13.1 19.7

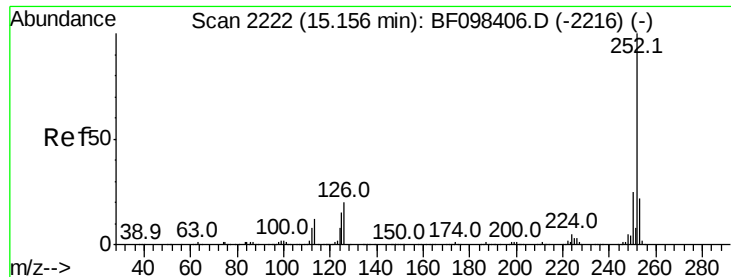


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.580 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :

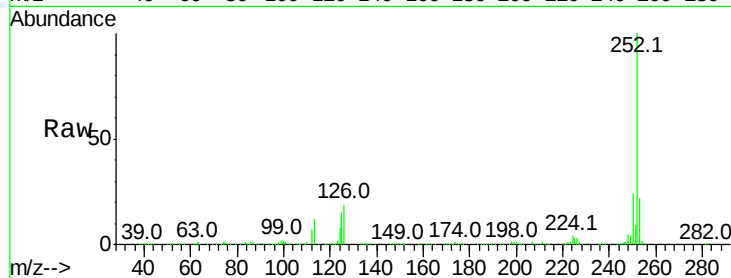
Tot Ion:252 Resp: 987219

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

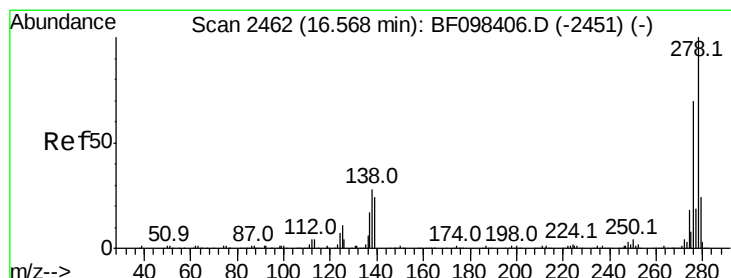
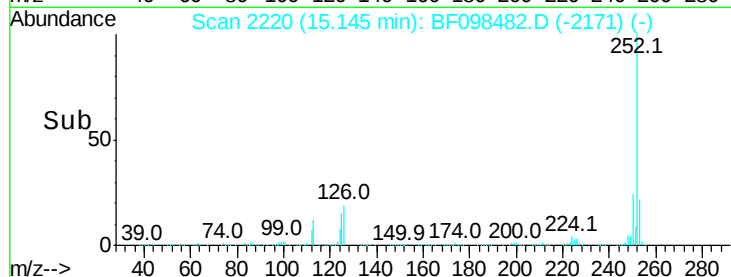
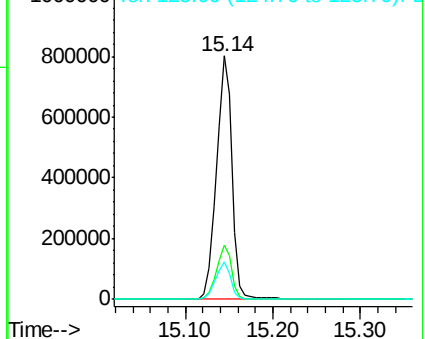
125 15.3 11.0 16.4



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: 40.799 ng

RT: 16.55 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

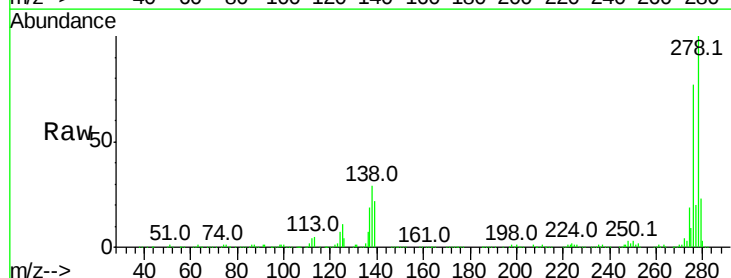
Tgt Ion:278 Resp: 740258

Ion Ratio Lower Upper

278 100

139 22.3 16.6 24.8

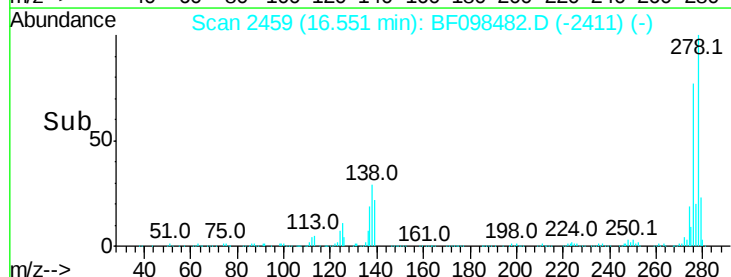
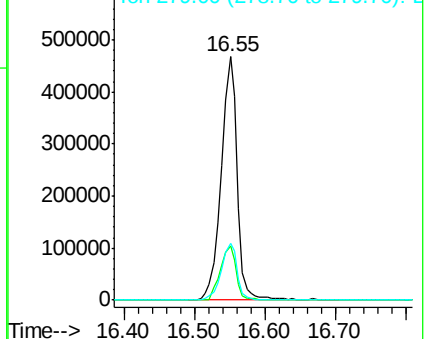
279 23.1 19.3 28.9

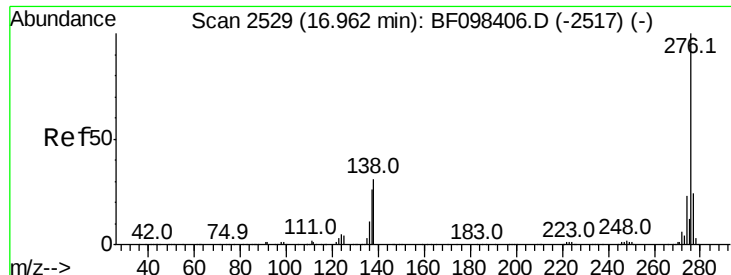


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.357 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.02 min

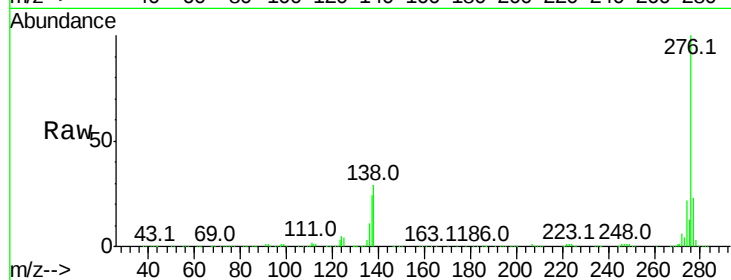
Lab File: BF098482.D

Acq: 13 Sep 2017 11:26

Instrument :

BNA_F

ClientSampleId :



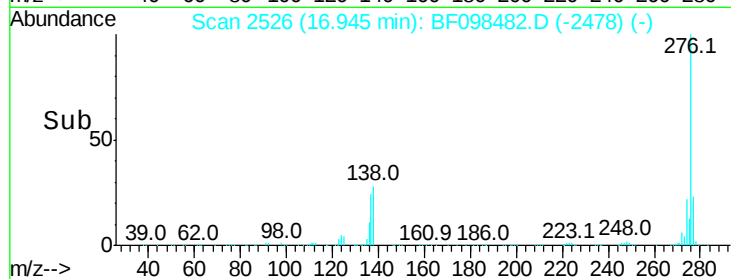
Tot Ion: 276 Resp: 736484

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 28.5 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

