

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098815.D
 Acq On : 26 Sep 2017 7:06
 Operator : SJ/JU
 Sample : PB102566BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 08:46:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135274	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	574285	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	263349	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	442336	20.00	ng	0.00
75) Chrysene-d12	14.08	240	250311	20.00	ng	0.00
86) Perylene-d12	15.57	264	236706	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	799830	94.12	ng	0.00
7) Phenol-d6	6.54	99	969598	92.49	ng	0.00
23) Nitrobenzene-d5	7.48	82	846389	94.52	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	198135	91.95	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1559429	98.86	ng	0.00
78) Terphenyl-d14	13.02	244	1116529	101.44	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	150487	37.073	ng	98
3) Pyridine	3.56	79	427768	38.955	ng	98
4) n-Nitrosodimethylamine	3.52	42	194569	41.784	ng	# 90
6) Aniline	6.57	93	398867	28.192	ng	99
8) 2-Chlorophenol	6.70	128	423788	44.038	ng	99
9) Benzaldehyde	6.46	77	101893	16.757	ng	98
10) Phenol	6.55	94	516868	44.087	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	399413	43.823	ng	96
12) 1,3-Dichlorobenzene	6.86	146	440301	43.689	ng	98
13) 1,4-Dichlorobenzene	6.93	146	442411	43.146	ng	98
14) 1,2-Dichlorobenzene	7.09	146	410558	43.332	ng	99
15) Benzyl Alcohol	7.05	79	358828	46.660	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	632400	44.535	ng	98
17) 2-Methylphenol	7.16	107	357704	45.429	ng	98
18) Hexachloroethane	7.43	117	151153	41.011	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	283439	42.350	ng	96
20) 3+4-Methylphenols	7.32	107	442474	44.420	ng	# 81
22) Acetophenone	7.32	105	569000	40.894	ng	# 98
24) Nitrobenzene	7.50	77	435016	42.824	ng	97
25) Isophorone	7.73	82	800518	43.237	ng	100
26) 2-Nitrophenol	7.81	139	221650	45.375	ng	98
27) 2,4-Dimethylphenol	7.85	122	402562	43.637	ng	97
28) bis(2-Chloroethoxy)methane	7.94	93	521335	45.184	ng	100
29) 2,4-Dichlorophenol	8.05	162	355701	44.909	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	350323	44.223	ng	99
31) Naphthalene	8.22	128	1188606	44.068	ng	99
32) Benzoic acid	7.96	122	245368	32.380	ng	99
33) 4-Chloroaniline	8.26	127	225161	19.990	ng	99
34) Hexachlorobutadiene	8.33	225	177505	43.503	ng	96
35) Caprolactam	8.64	113	76570	30.138	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	384909	43.236	ng	93
37) 2-Methylnaphthalene	8.91	142	827626	47.201	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	323823	41.231	ng	99
40) Hexachlorocyclopentadiene	9.06	237	176035	49.046	ng	98

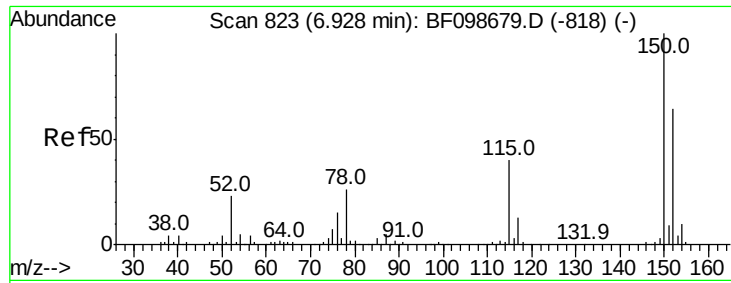
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098815.D
 Acq On : 26 Sep 2017 7:06
 Operator : SJ/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	245501	44.124	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	249063	44.843	ng	96
45) 1,1'-Biphenyl	9.37	154	948549	41.909	ng	99
46) 2-Chloronaphthalene	9.40	162	755322	44.448	ng	98
47) 2-Nitroaniline	9.49	65	241996	46.507	ng	97
48) Acenaphthylene	9.82	152	1141631	43.885	ng	99
49) Dimethylphthalate	9.67	163	902429	45.403	ng	100
50) 2,6-Dinitrotoluene	9.73	165	200446	46.323	ng	99
51) Acenaphthene	9.99	154	713908	43.323	ng	99
52) 3-Nitroaniline	9.90	138	143186	28.379	ng	# 91
53) 2,4-Dinitrophenol	10.00	184	58362	29.846	ng	91
54) Dibenzofuran	10.16	168	1026468	46.783	ng	100
55) 4-Nitrophenol	10.06	139	353810	82.931	ng	93
56) 2,4-Dinitrotoluene	10.14	165	267925	47.708	ng	96
57) Fluorene	10.50	166	776872	44.053	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	184462	48.077	ng	98
59) Diethylphthalate	10.37	149	891650	45.910	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	353173	44.583	ng	100
61) 4-Nitroaniline	10.52	138	192148	39.474	ng	91
62) Azobenzene	10.65	77	843878	47.255	ng	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	53082	19.724	ng	83
65) n-Nitrosodiphenylamine	10.61	169	722377	47.141	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	209324	48.346	ng	# 88
67) Hexachlorobenzene	11.05	284	203039	43.907	ng	96
68) Atrazine	11.14	200	226868	49.207	ng	97
69) Pentachlorophenol	11.24	266	202958	70.520	ng	98
70) Phenanthrene	11.47	178	1078101	45.534	ng	99
71) Anthracene	11.52	178	1109823	45.811	ng	100
72) Carbazole	11.67	167	1030010	43.416	ng	100
73) Di-n-butylphthalate	11.99	149	1369207	47.949	ng	100
74) Fluoranthene	12.65	202	960300	40.053	ng	99
76) Benzidine	12.77	184	545251	58.894	ng	98
77) Pyrene	12.88	202	956343	50.104	ng	99
79) Butylbenzylphthalate	13.49	149	496034	55.296	ng	99
80) Benzo(a)anthracene	14.07	228	699254	46.134	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	219769	39.553	ng	97
82) Chrysene	14.10	228	654361	45.347	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	693161	56.118	ng	# 99
84) Di-n-octyl phthalate	14.66	149	1027814	51.677	ng	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	592921	51.365	ng	97
87) Benzo(b)fluoranthene	15.16	252	597047	41.024	ng	99
88) Benzo(k)fluoranthene	15.16	252	597047	41.535	ng	97
89) Benzo(a)pyrene	15.50	252	612532	45.851	ng	# 97
90) Dibenzo(a,h)anthracene	17.09	278	505423	47.274	ng	97
91) Benzo(g,h,i)perylene	17.53	276	461938	43.710	ng	96

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

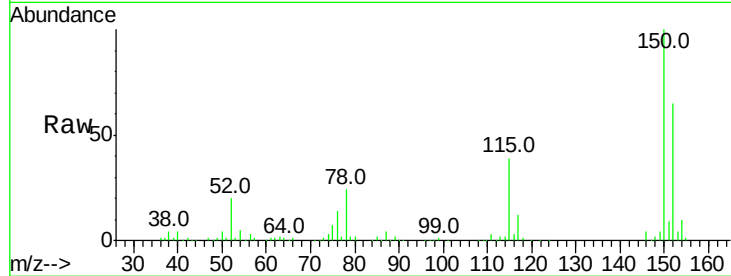


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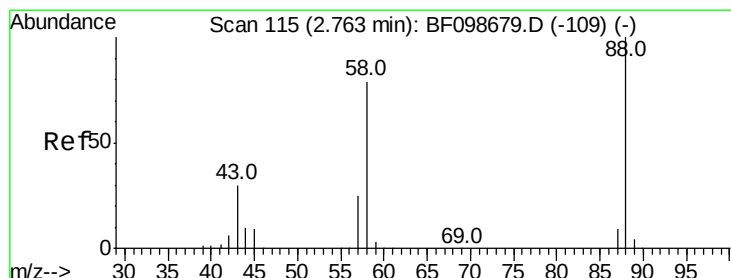
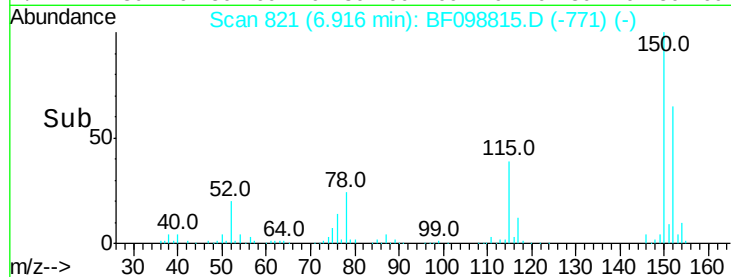
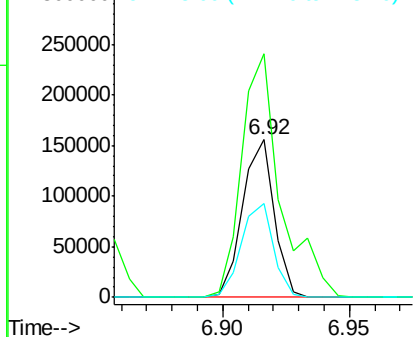
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 135274
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 59.9 50.1 75.1



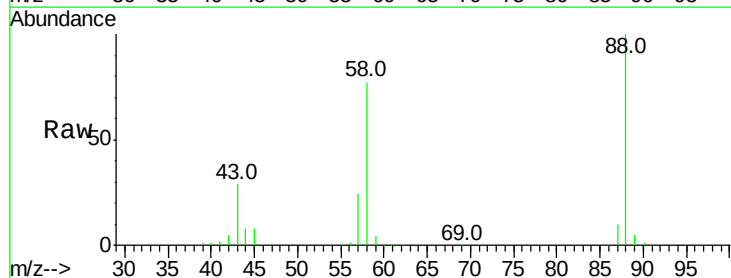
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



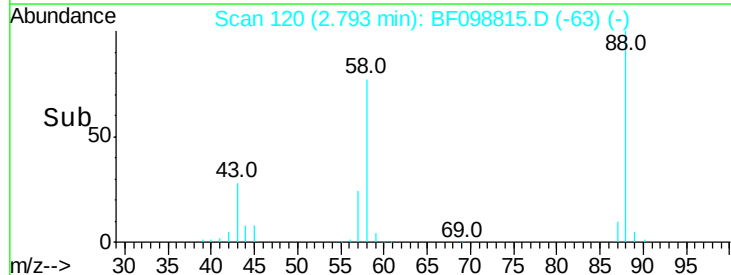
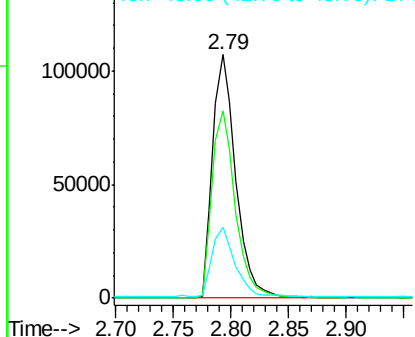
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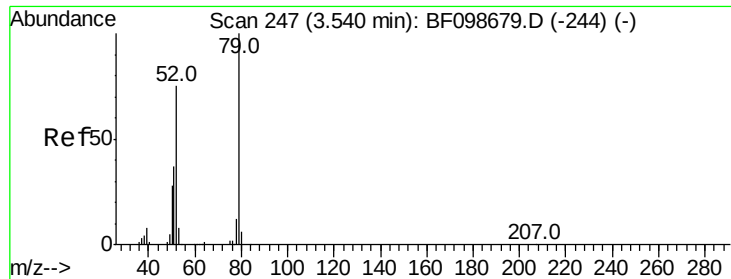
1,4-Dioxane
 Concen: 37.073 ng
 RT: 2.79 min Scan# 120
 Delta R.T. 0.04 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion: 88 Resp: 150487
 Ion Ratio Lower Upper
 88 100
 58 77.6 62.6 93.8
 43 28.1 24.6 37.0



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: 38.955 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.03 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

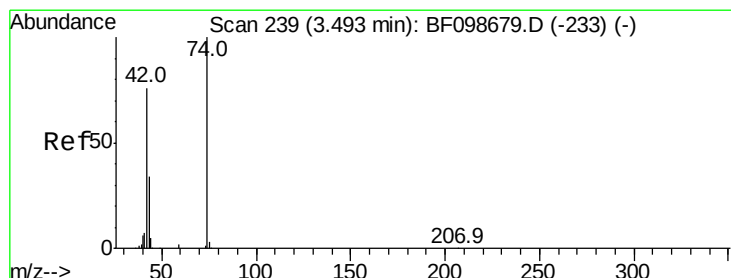
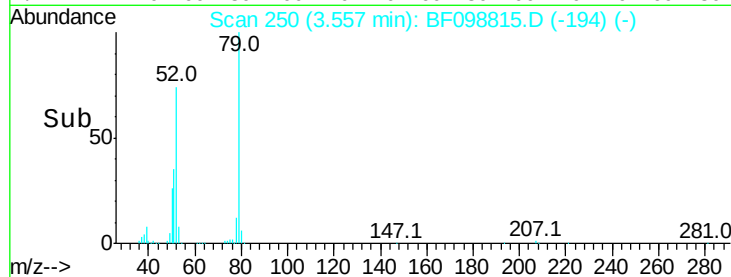
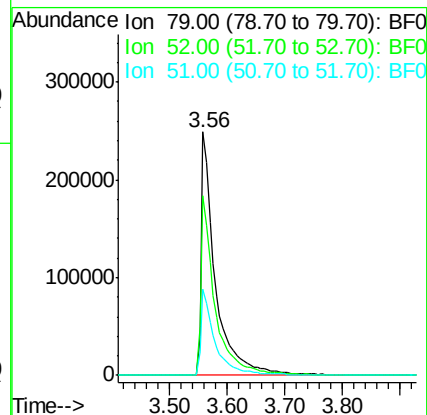
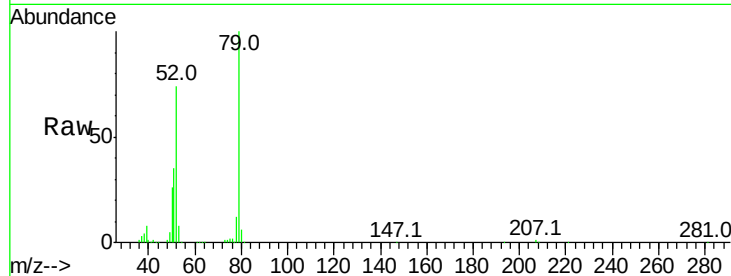
Tot Ion: 79 Resp: 427768

Ion Ratio Lower Upper

79 100

52 73.7 59.8 89.6

51 35.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.784 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.03 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

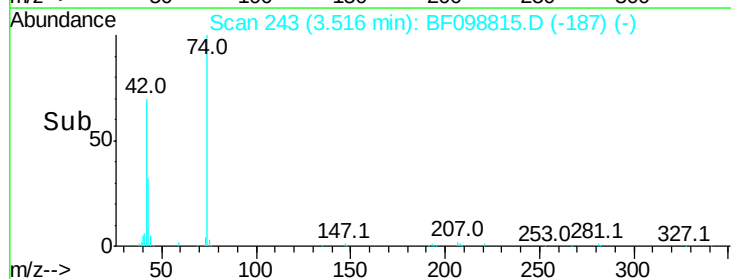
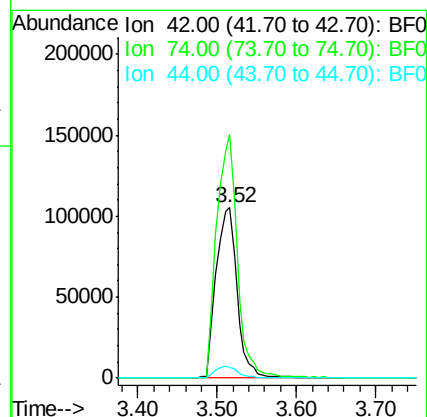
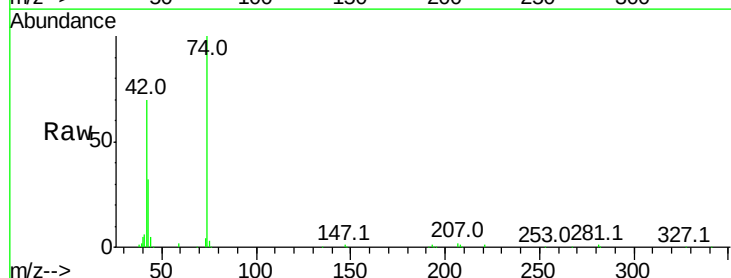
Tgt Ion: 42 Resp: 194569

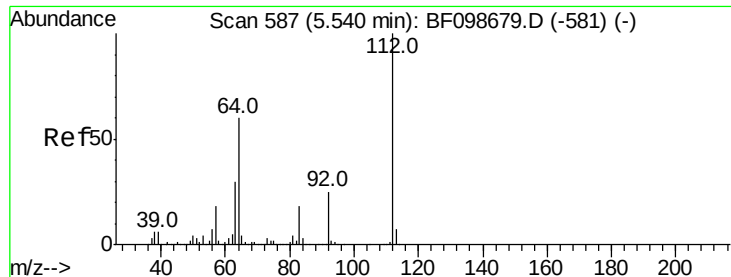
Ion Ratio Lower Upper

42 100

74 142.8 104.9 157.3

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 94.124 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

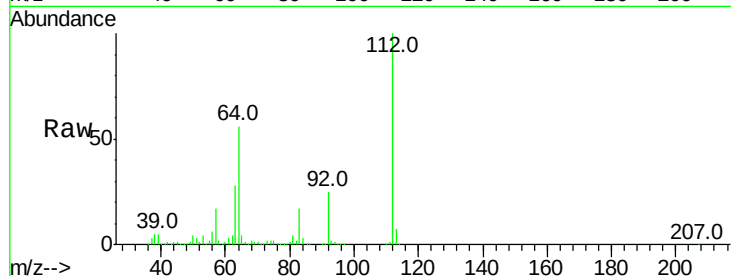
Tot Ion:112 Resp: 799830

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

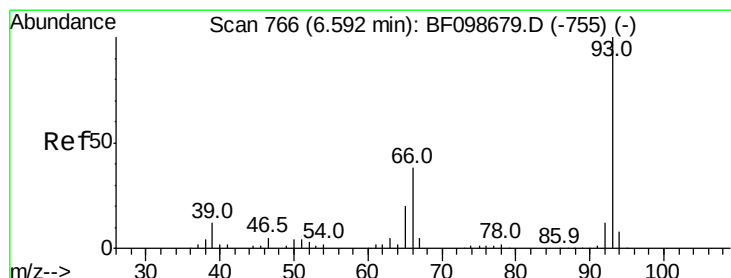
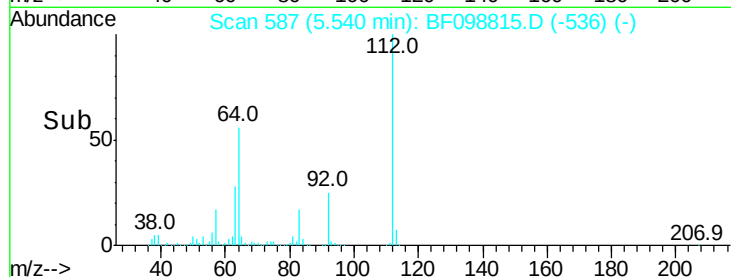
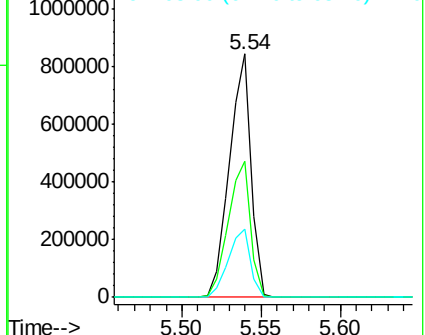
63 27.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.192 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

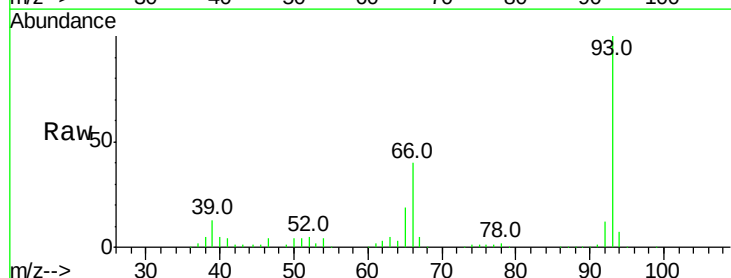
Tgt Ion: 93 Resp: 398867

Ion Ratio Lower Upper

93 100

66 40.0 32.2 48.2

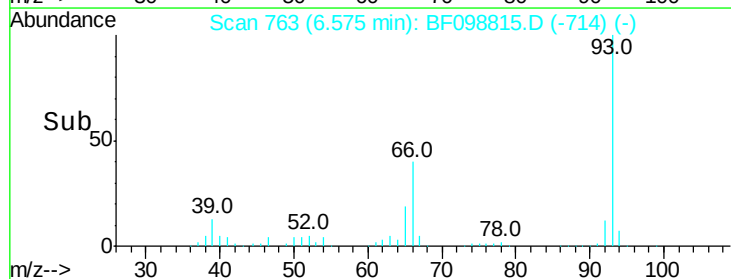
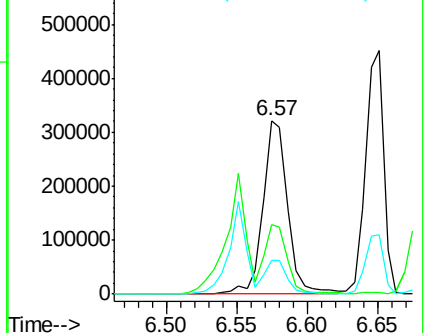
65 19.3 16.4 24.6

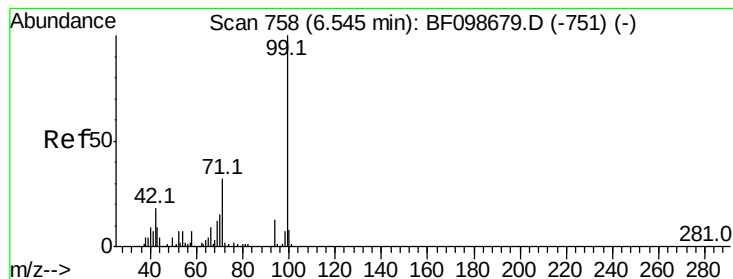


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 92.494 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

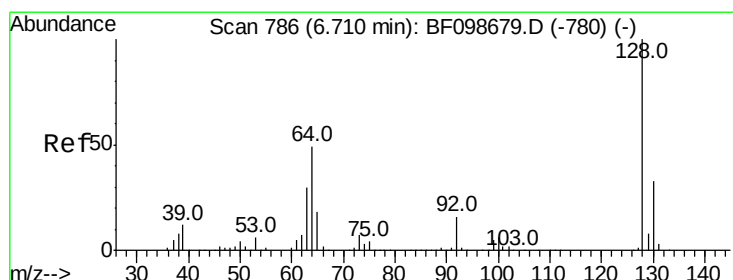
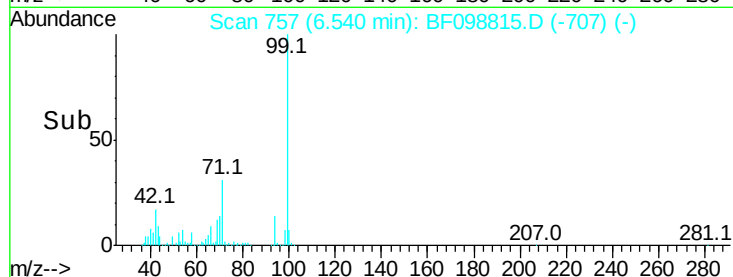
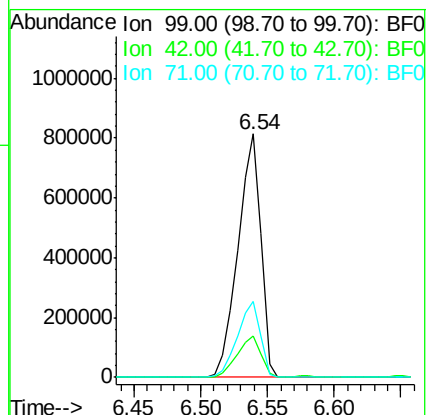
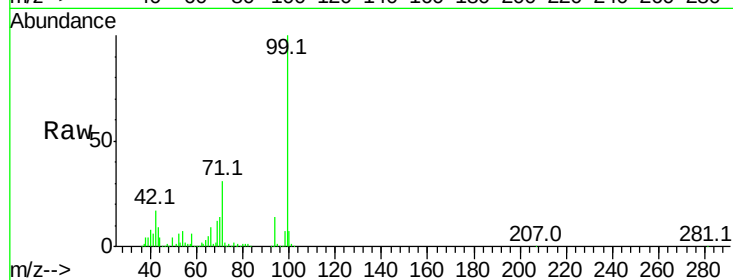
Tot Ion: 99 Resp: 969598

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 31.3 25.4 38.0



#8

2-Chlorophenol

Concen: 44.038 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

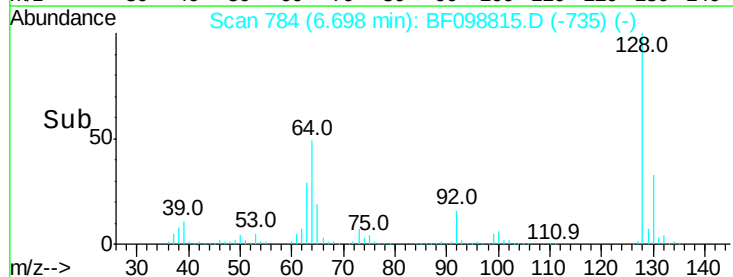
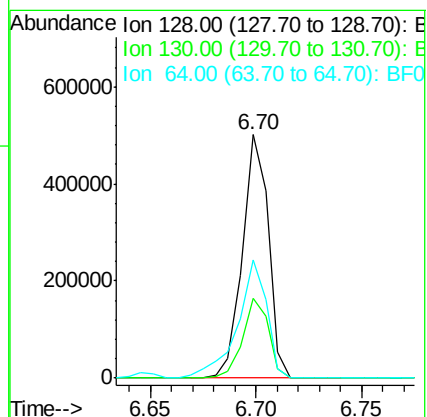
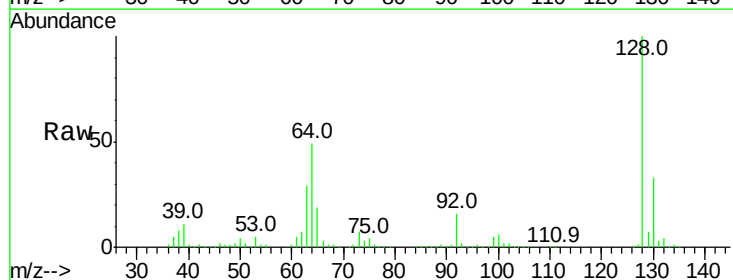
Tgt Ion: 128 Resp: 423788

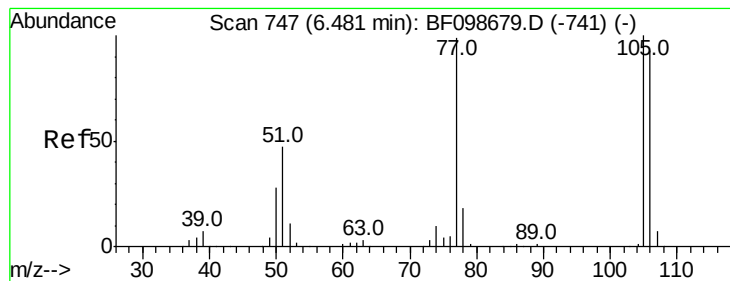
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 48.8 29.4 69.4





#9

Benzaldehyde

Concen: 16.757 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

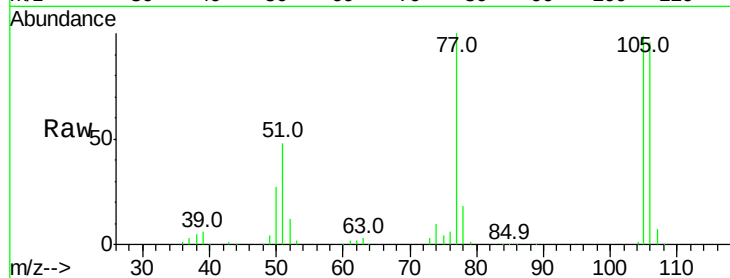
Tot Ion: 77 Resp: 101893

Ion Ratio Lower Upper

77 100

105 98.8 81.1 121.1

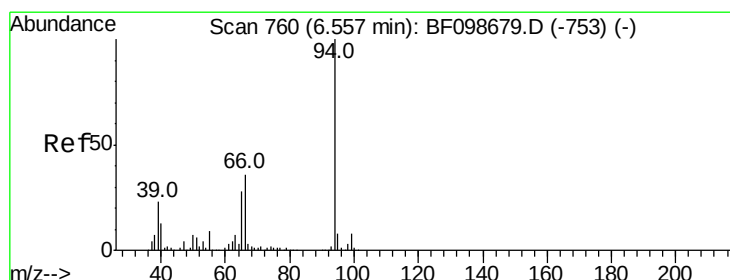
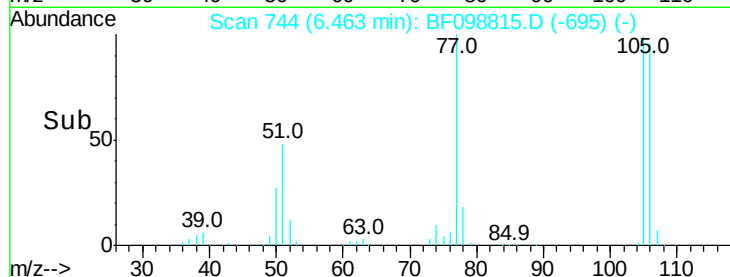
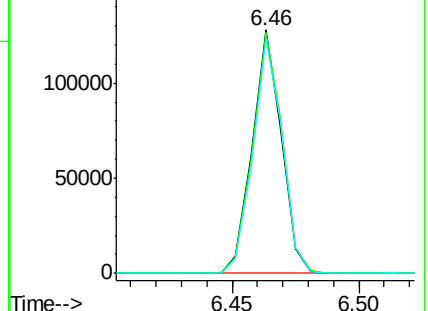
106 96.2 74.5 114.5



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: 44.087 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

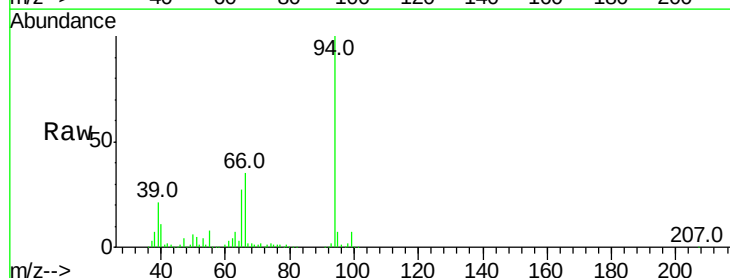
Tgt Ion: 94 Resp: 516868

Ion Ratio Lower Upper

94 100

65 26.6 7.9 47.9

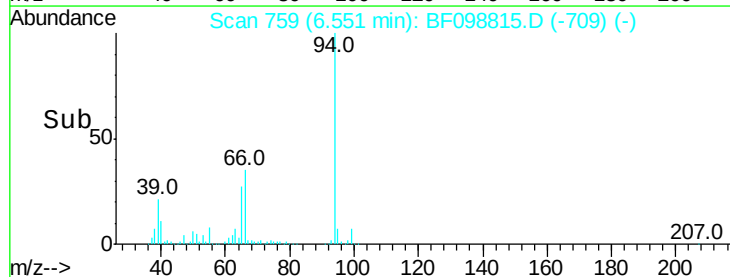
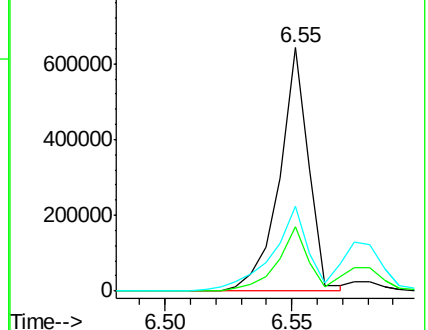
66 34.8 16.2 56.2

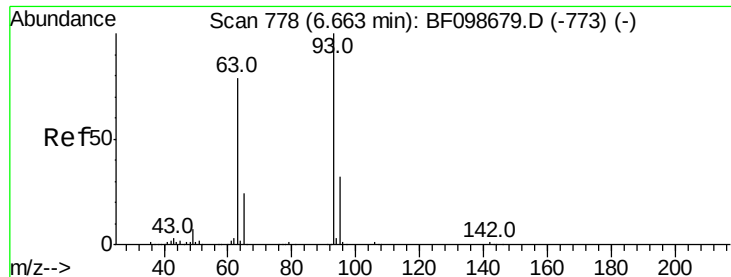


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

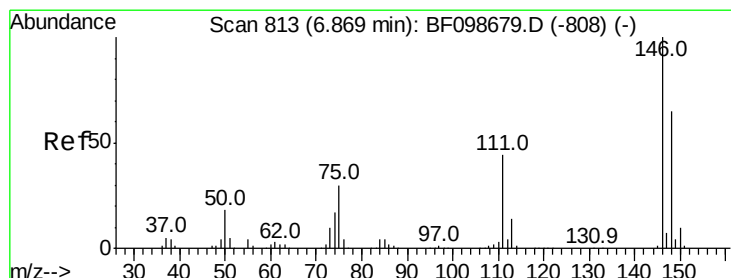
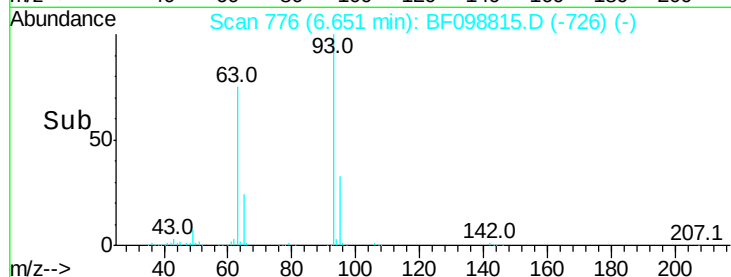
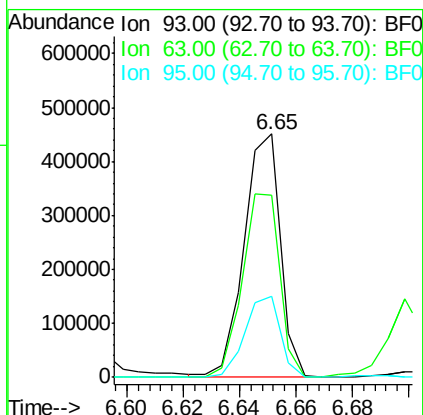
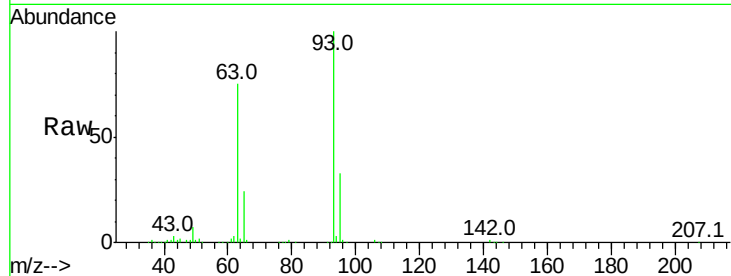




#11
 bis(2-Chloroethyl)ether
 Concen: 43.823 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

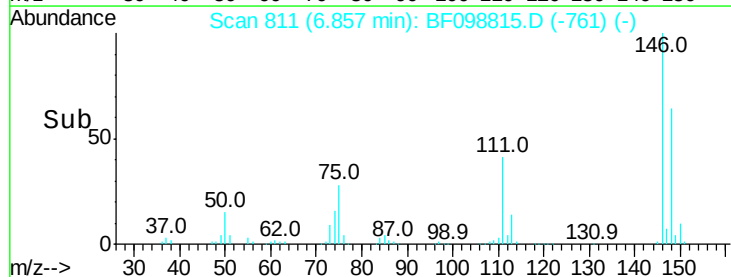
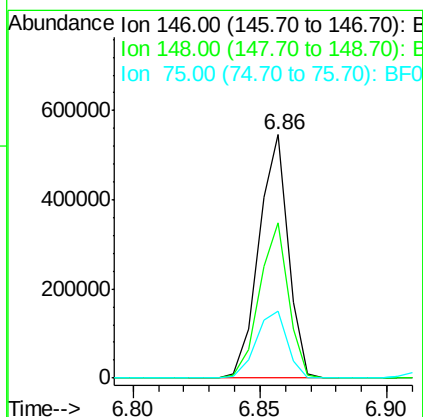
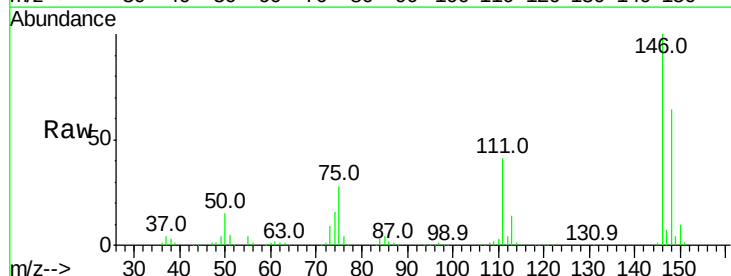
Instrument :
 BNA_F
 ClientSampleId :

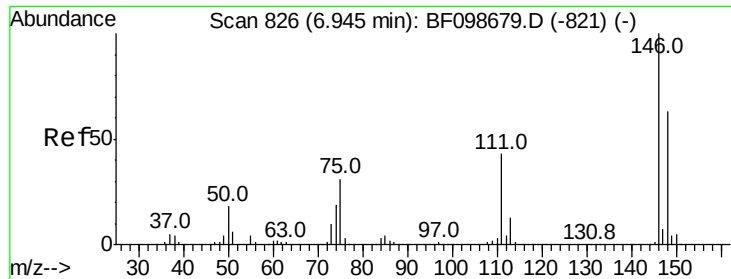
Tot Ion: 93 Resp: 399413
 Ion Ratio Lower Upper
 93 100
 63 74.8 58.6 98.6
 95 33.3 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 43.689 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion: 146 Resp: 440301
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.8
 75 27.7 24.2 36.4

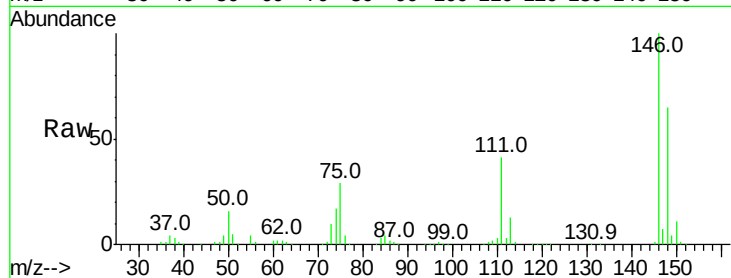




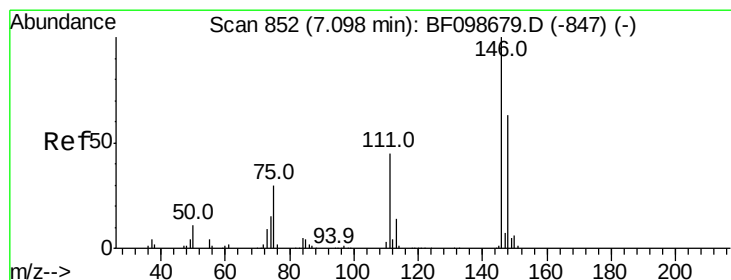
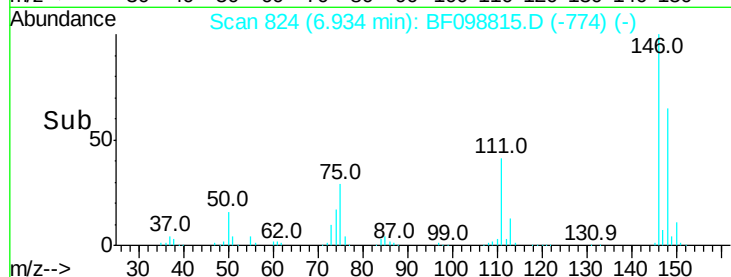
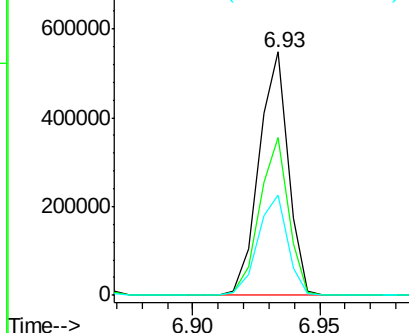
#13
 1,4-Dichlorobenzene
 Concen: 43.146 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 442411
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 41.3 34.2 51.2

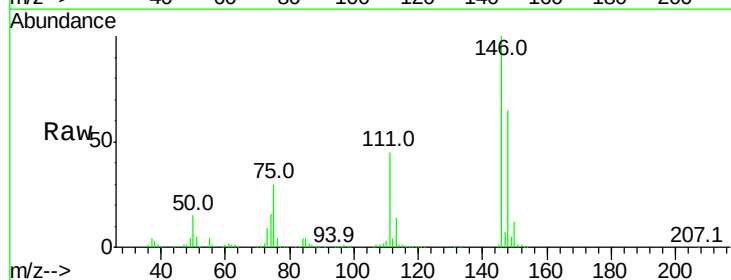


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

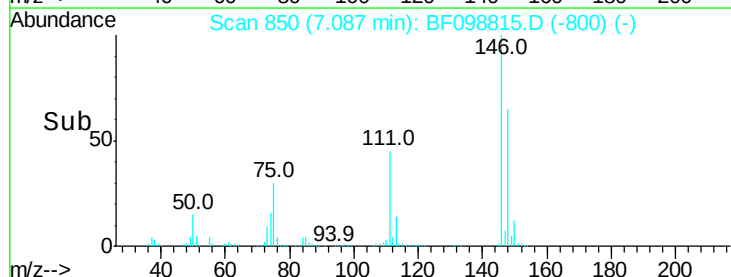
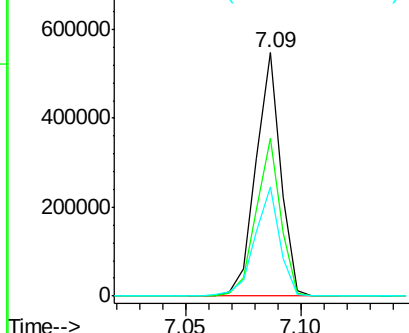


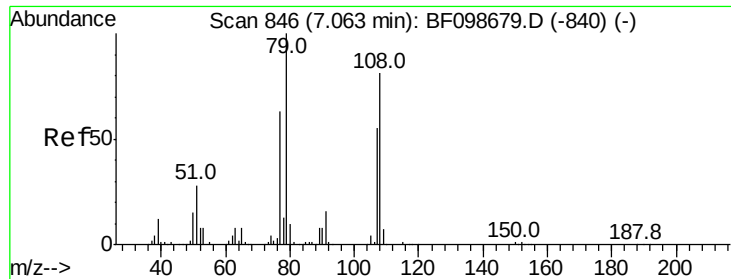
#14
 1,2-Dichlorobenzene
 Concen: 43.332 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion:146 Resp: 410558
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 44.9 36.0 54.0



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: 46.660 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampled :

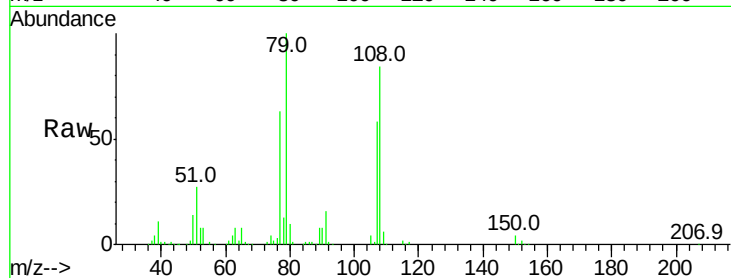
Tot Ion: 79 Resp: 358828

Ion Ratio Lower Upper

79 100

108 84.4 65.1 97.7

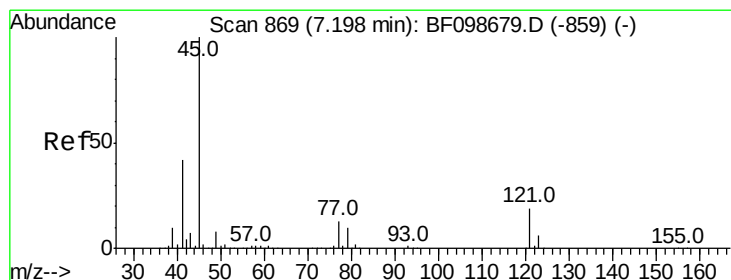
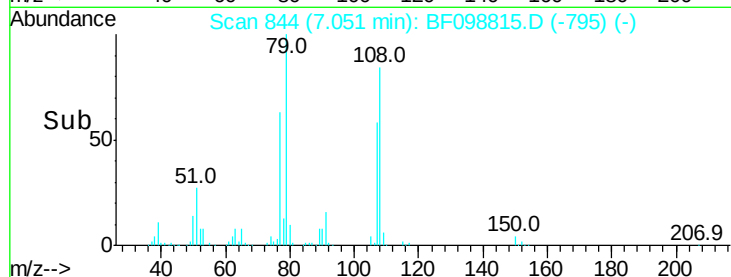
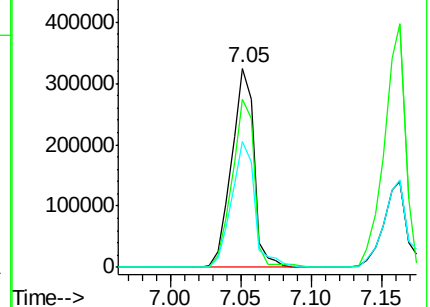
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.535 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

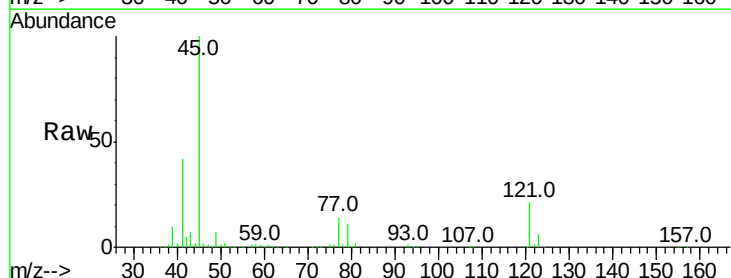
Tgt Ion: 45 Resp: 632400

Ion Ratio Lower Upper

45 100

77 13.6 0.0 32.9

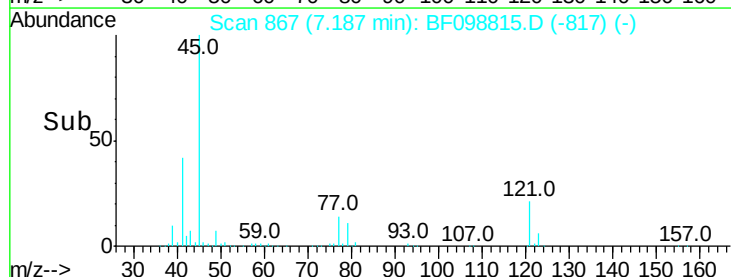
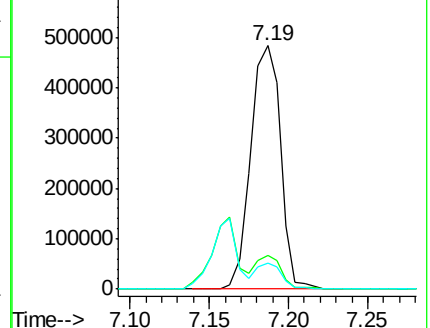
79 10.7 0.0 29.6

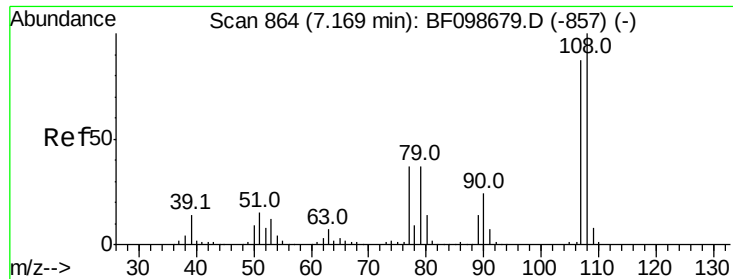


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

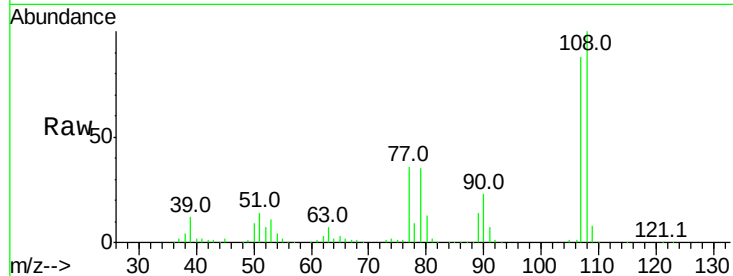




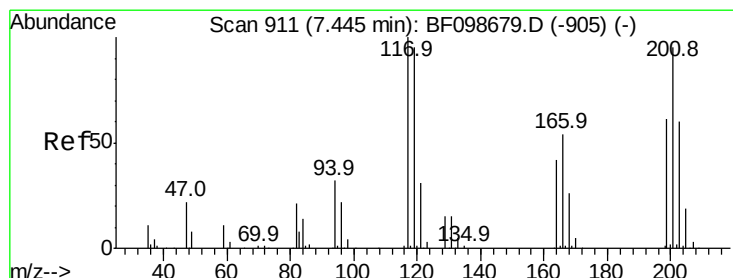
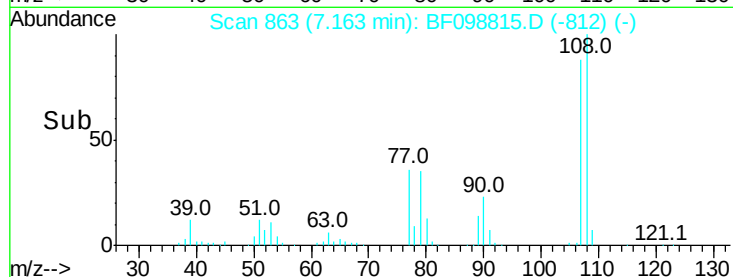
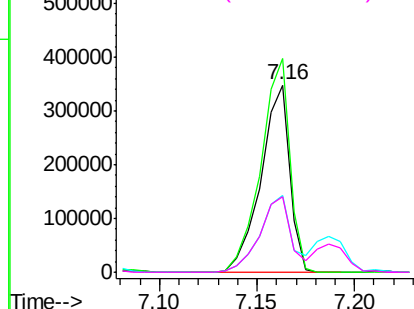
#17
2-Methylphenol
Concen: 45.429 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 357704
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 41.0 33.8 50.8
79 40.1 33.8 50.8

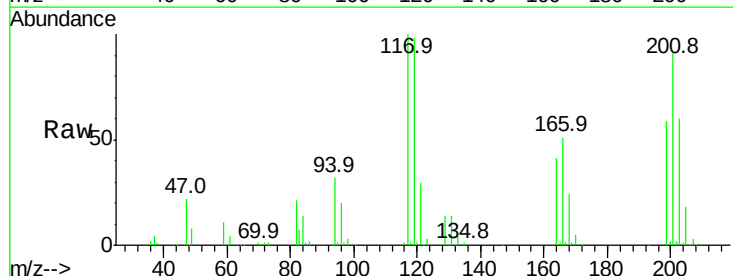


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

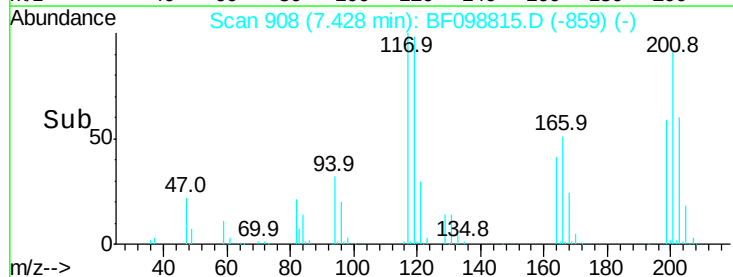
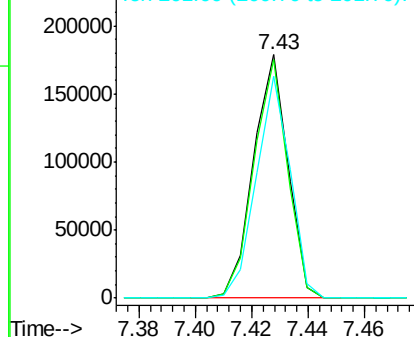


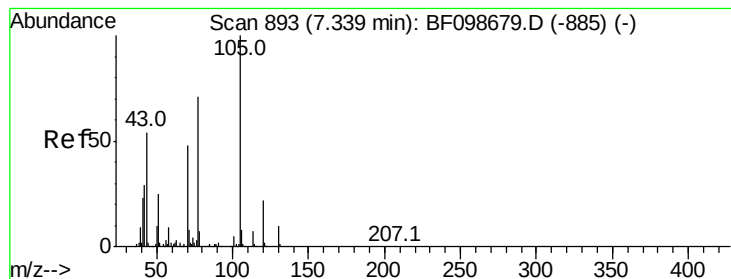
#18
Hexachloroethane
Concen: 41.011 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Tgt Ion:117 Resp: 151153
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.8
201 90.9 75.7 113.5



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: 42.350 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 283439

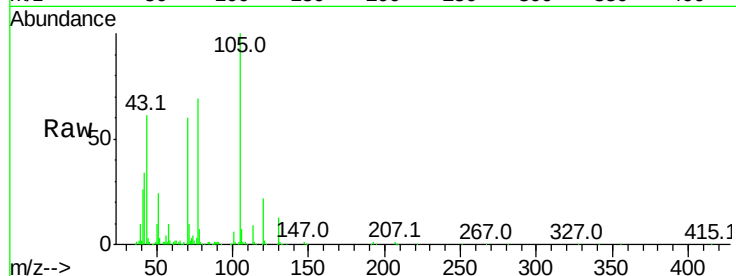
Ion Ratio Lower Upper

70 100

42 56.3 47.5 71.3

101 9.9 7.4 11.2

130 22.4 16.6 25.0

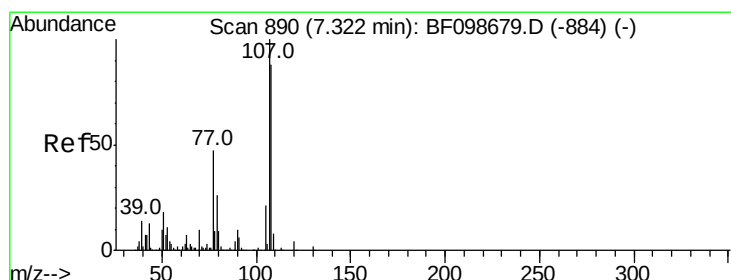
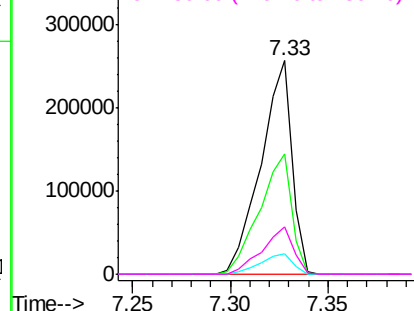
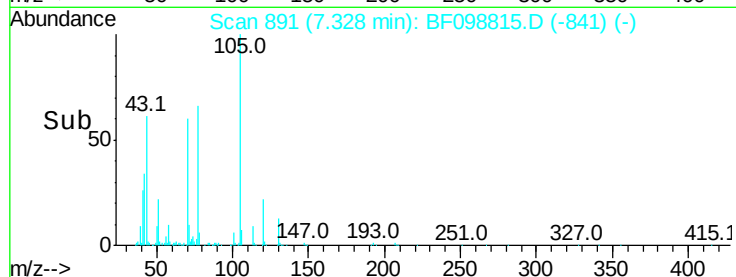


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 44.420 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Tgt Ion: 107 Resp: 442474

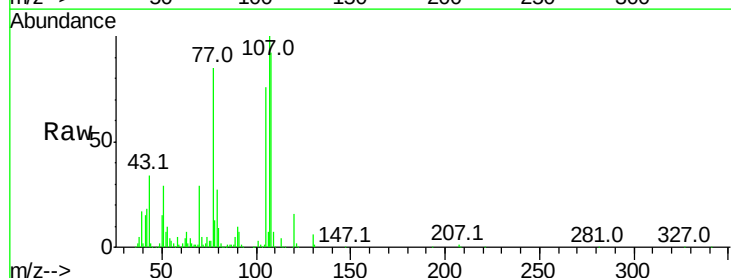
Ion Ratio Lower Upper

107 100

108 92.2 68.2 108.2

77 85.0 26.7 66.7#

79 27.5 6.3 46.3

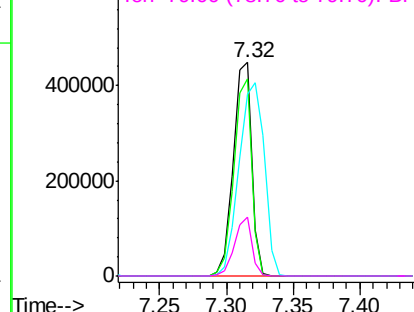
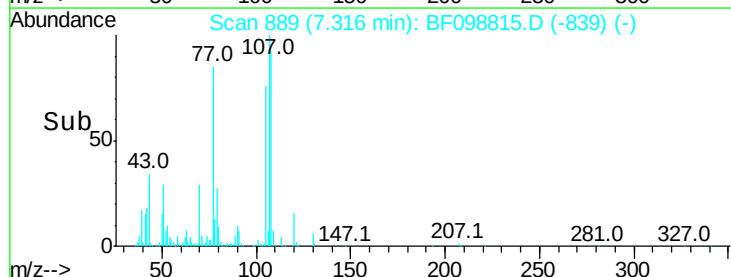


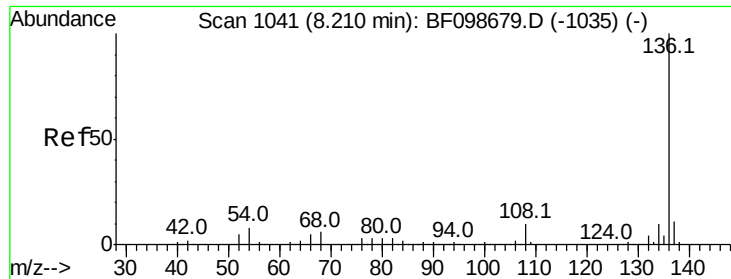
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

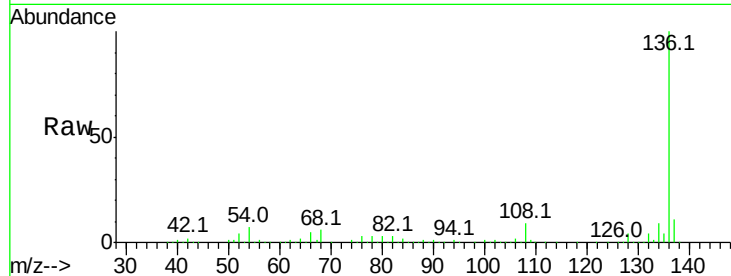




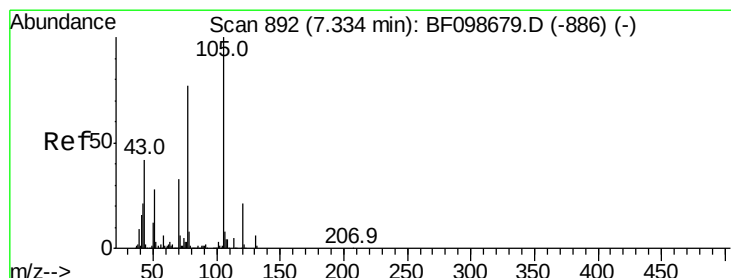
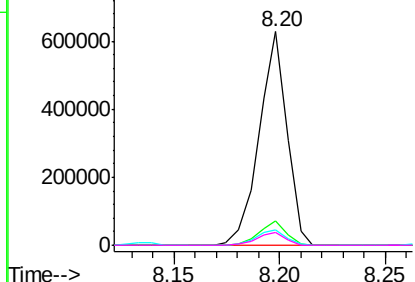
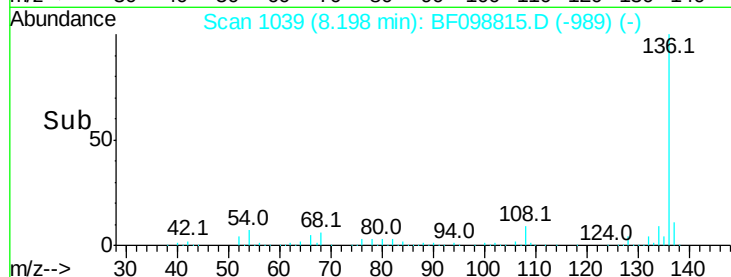
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	574285
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.1	6.6 9.8
68	5.9	5.0 7.4

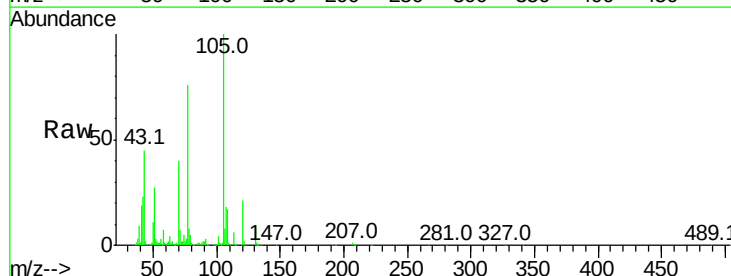


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

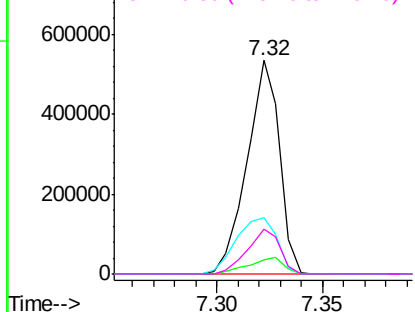
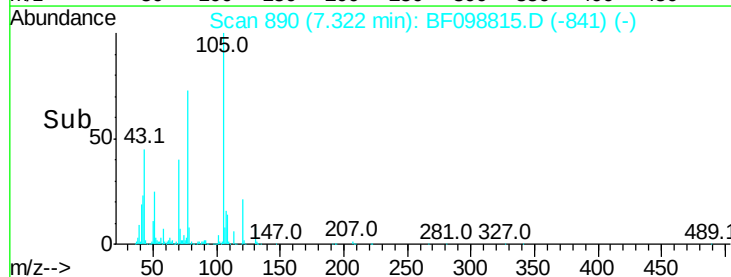


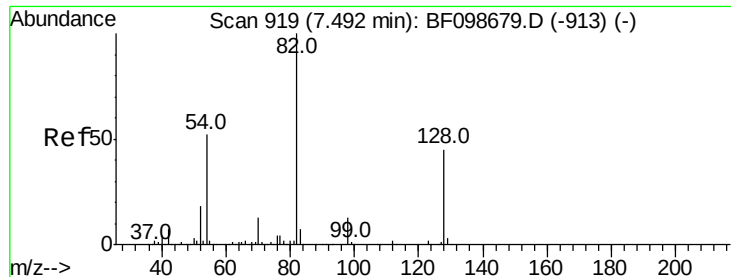
#22
Acetophenone
Concen: 40.894 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Tgt Ion:105	Resp:	569000
Ion Ratio	Lower	Upper
105	100	
71	6.7	4.4 6.6#
51	26.5	22.3 33.5
120	21.2	16.9 25.3



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

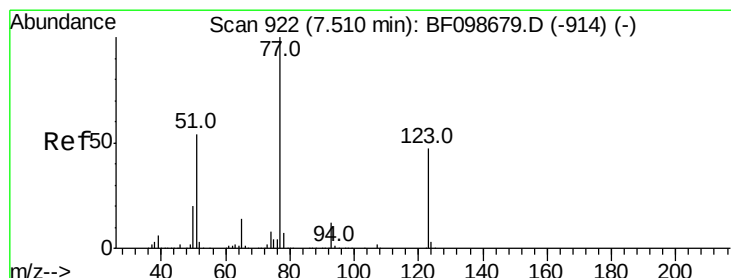
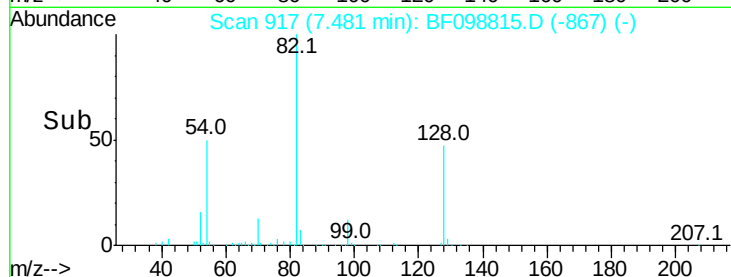
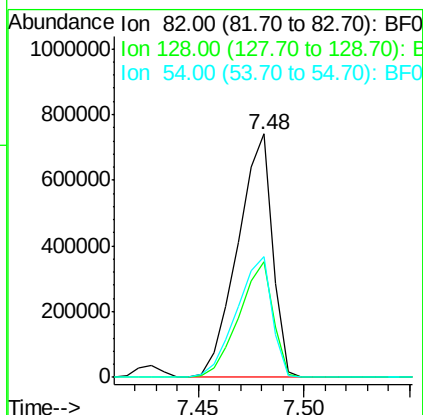
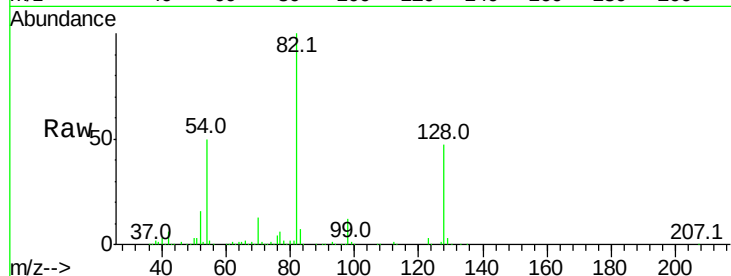




#23
 Nitrobenzene-d5
 Concen: 94.516 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

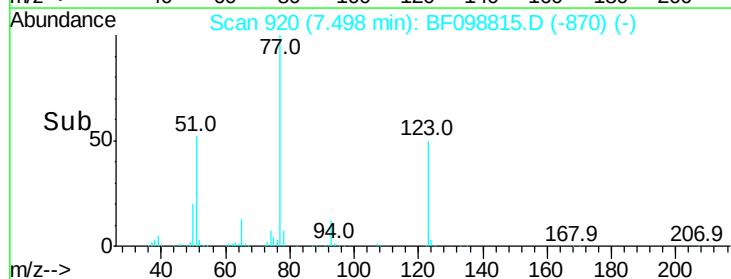
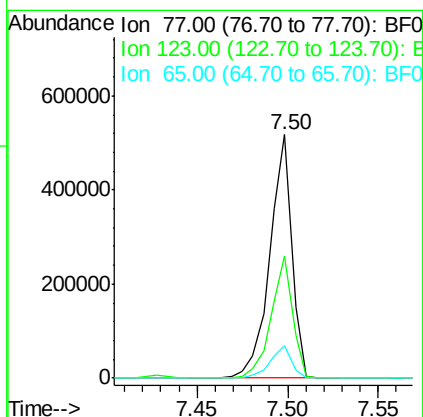
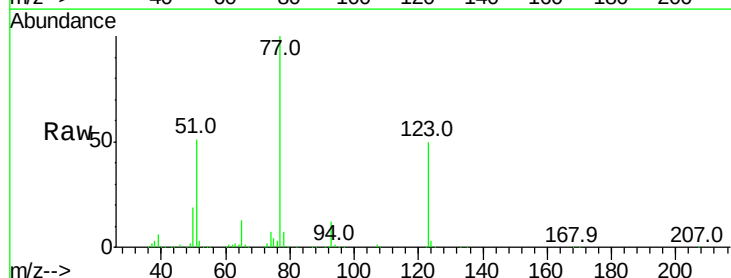
Instrument :
 BNA_F
 ClientSampled :

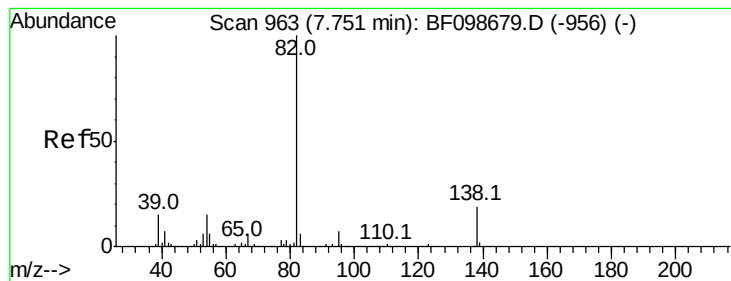
Tot Ion: 82 Resp: 846389
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 49.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 42.824 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion: 77 Resp: 435016
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.9 56.9
 65 13.1 11.0 16.4





#25

Isophorone

Concen: 43.237 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

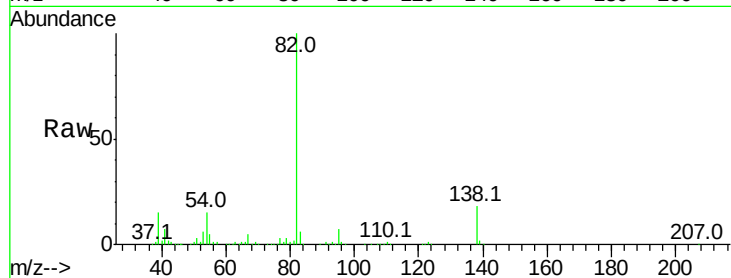
Tot Ion: 82 Resp: 800518

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

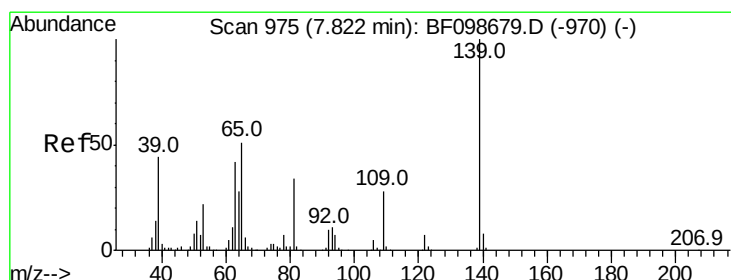
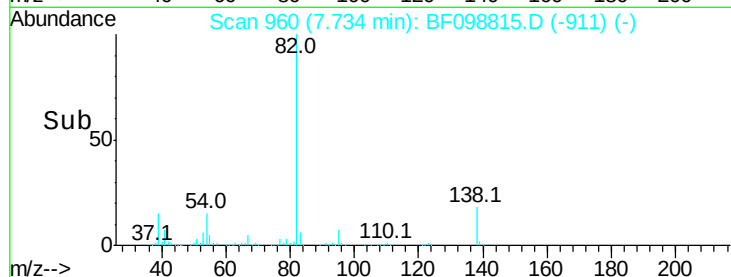
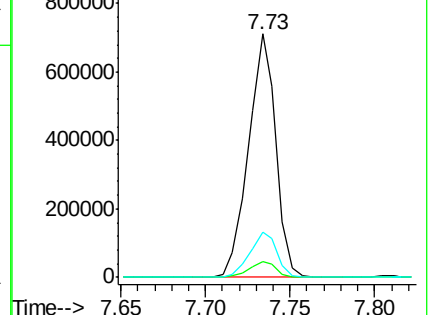
138 18.4 14.9 22.3



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: 45.375 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

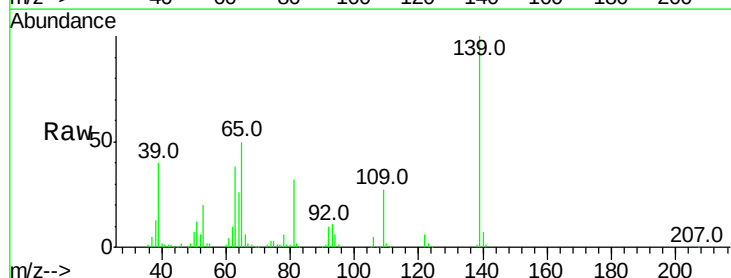
Tgt Ion: 139 Resp: 221650

Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

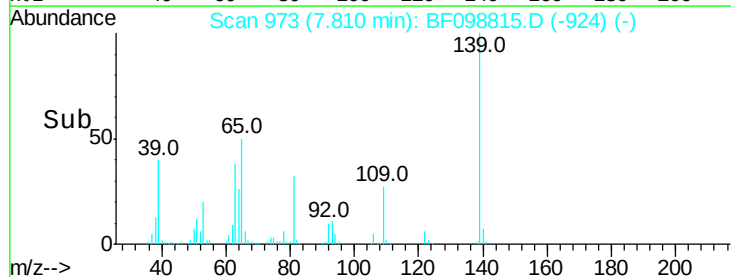
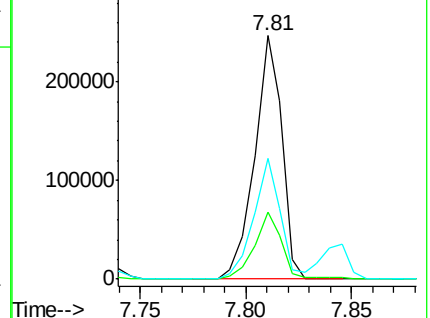
65 49.8 40.5 60.7

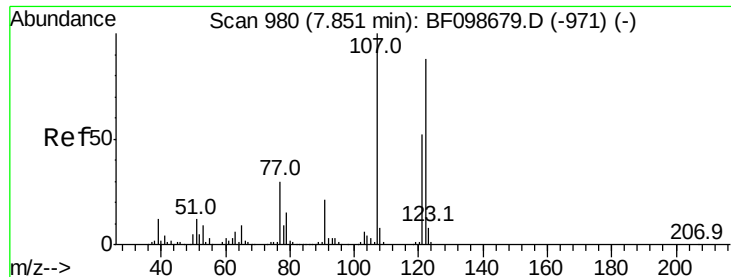


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.637 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

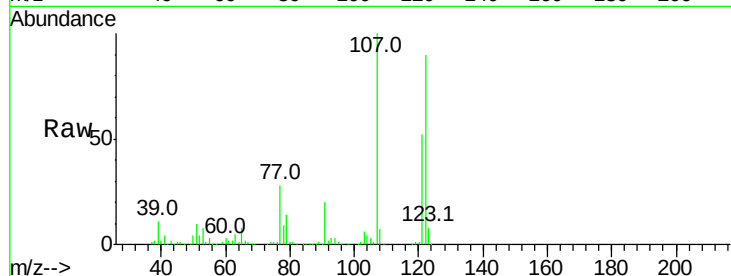
Tot Ion:122 Resp: 402562

Ion Ratio Lower Upper

122 100

107 111.1 91.2 136.8

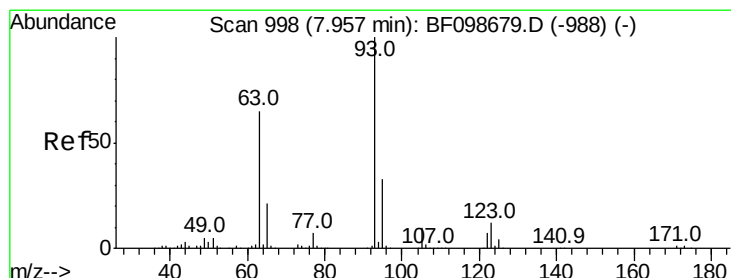
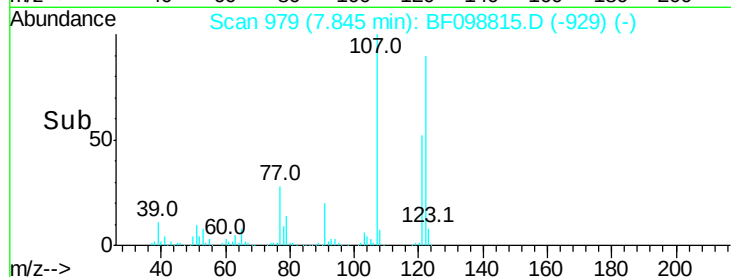
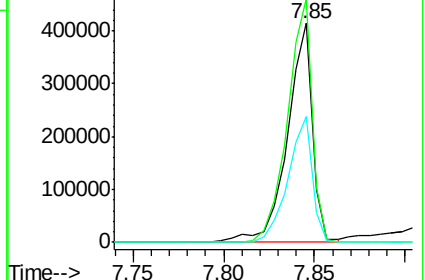
121 57.3 47.2 70.8



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: 45.184 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

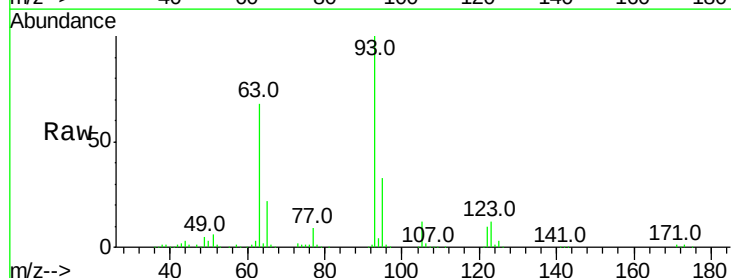
Tgt Ion: 93 Resp: 521335

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

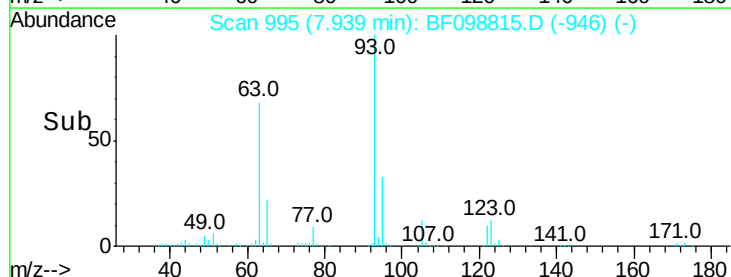
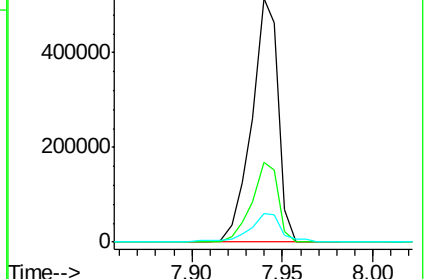
123 11.6 9.8 14.6

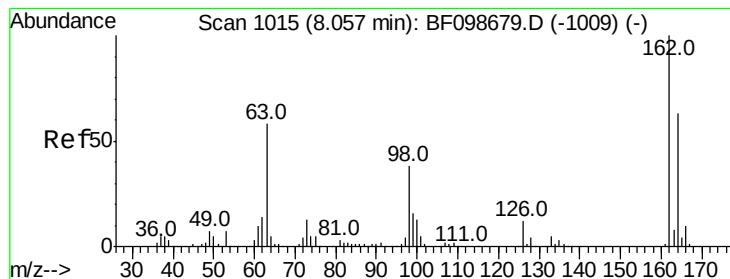


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.909 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampled :

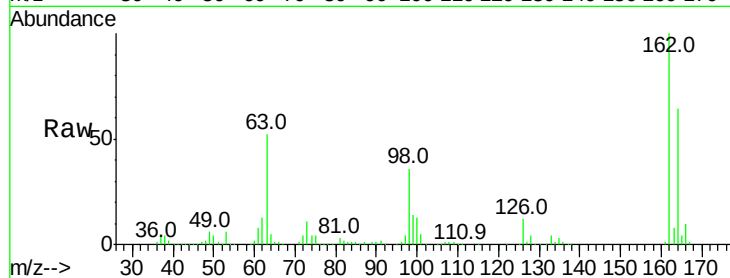
Tot Ion:162 Resp: 355701

Ion Ratio Lower Upper

162 100

164 64.1 42.7 82.7

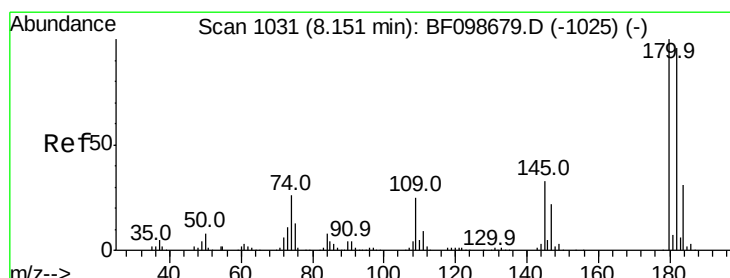
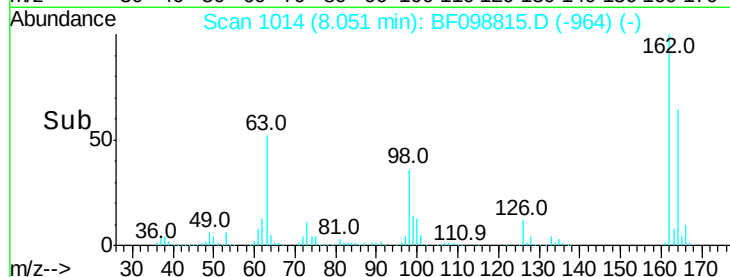
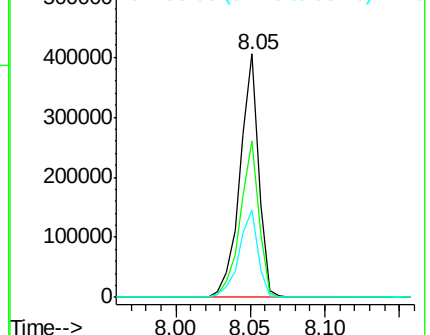
98 36.0 18.1 58.1



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): E



#30

1,2,4-Trichlorobenzene

Concen: 44.223 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

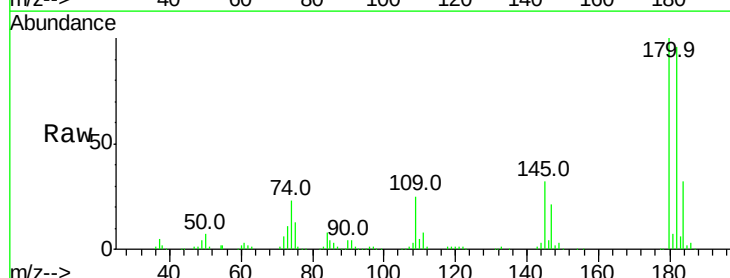
Tgt Ion:180 Resp: 350323

Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

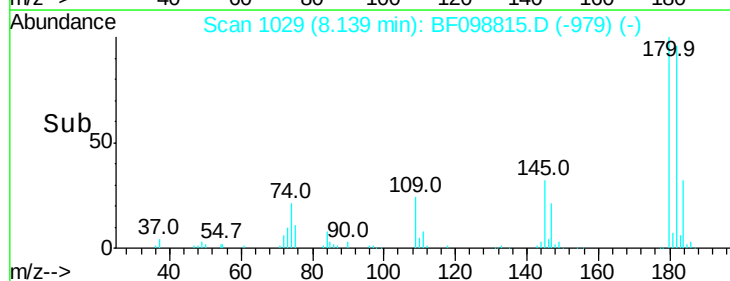
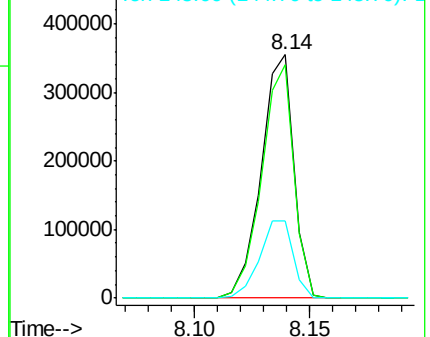
145 31.9 26.5 39.7

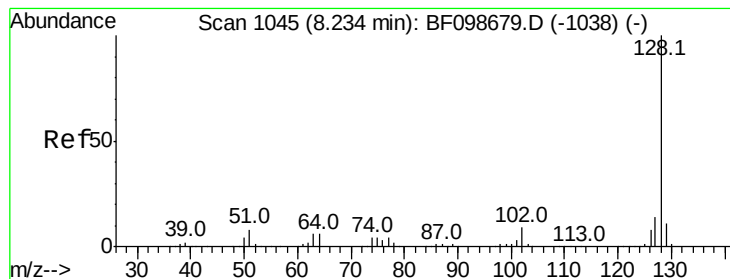


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.068 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

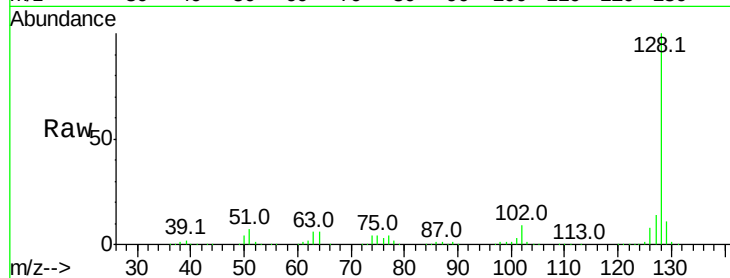
Tot Ion:128 Resp: 1188606

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

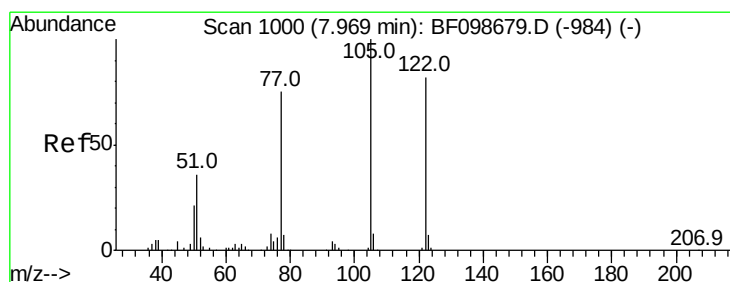
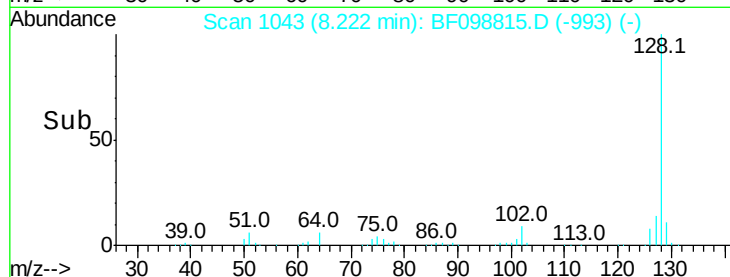
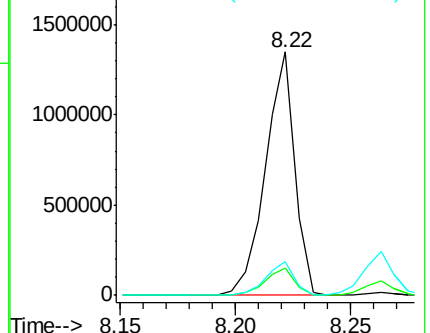
127 13.9 10.9 16.3



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: 32.380 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

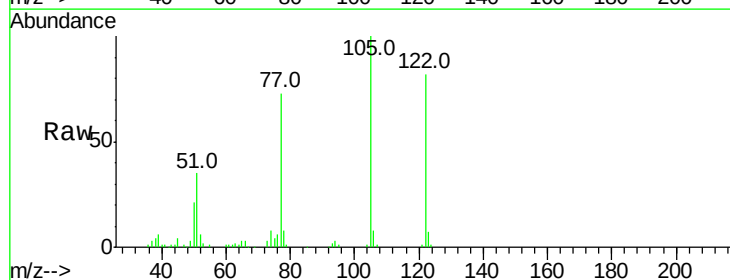
Tgt Ion:122 Resp: 245368

Ion Ratio Lower Upper

122 100

105 121.3 101.1 141.1

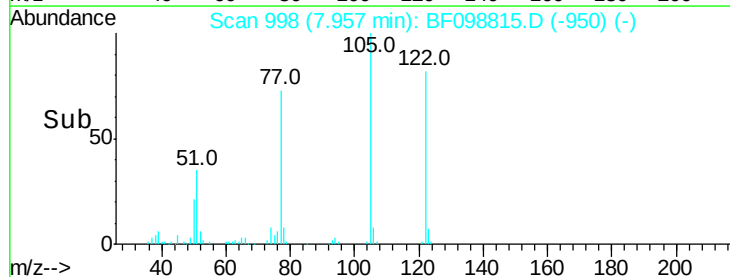
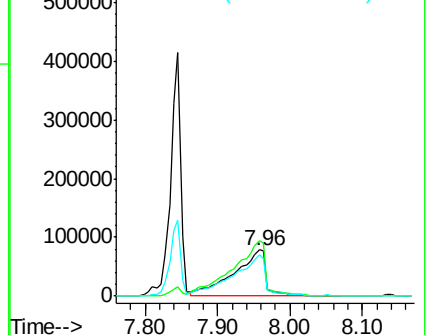
77 89.1 70.7 110.7

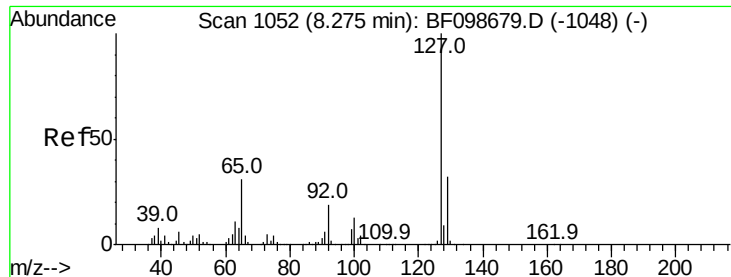


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

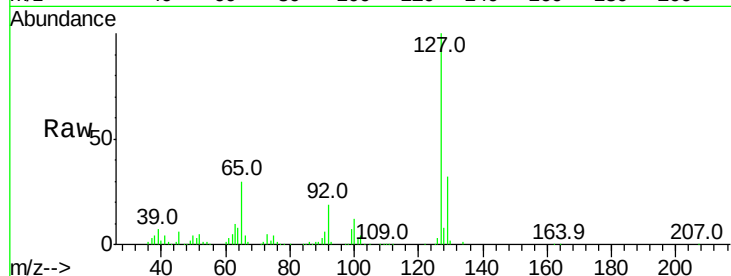




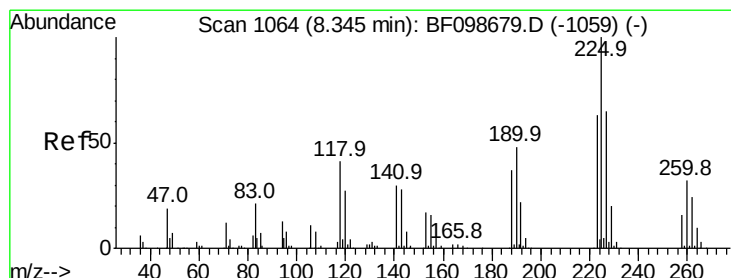
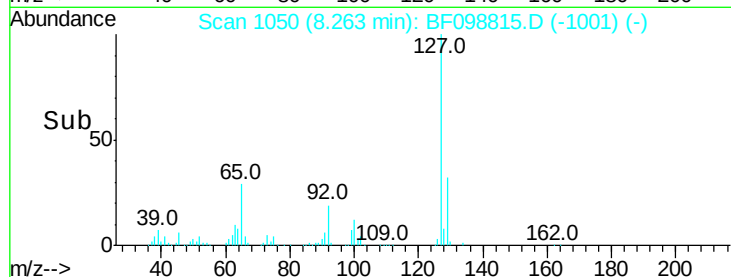
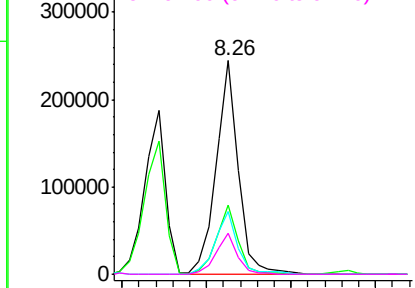
#33
4-Chloroaniline
Concen: 19.990 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	225161
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	29.6	25.0	37.4
92	19.1	15.2	22.8

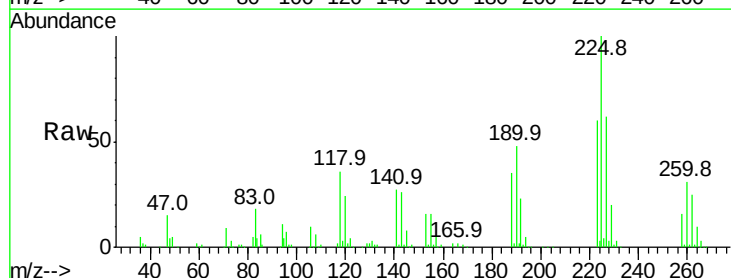


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

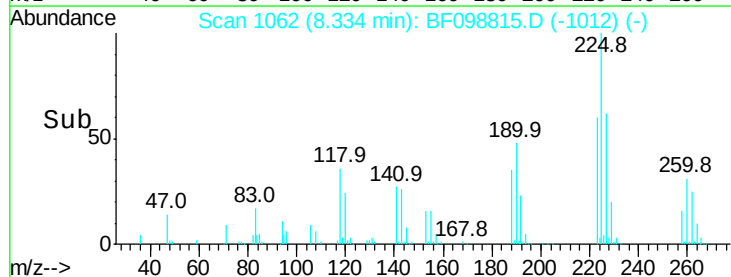
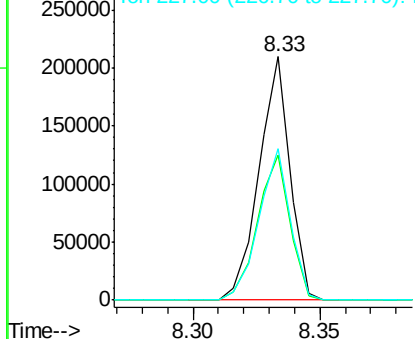


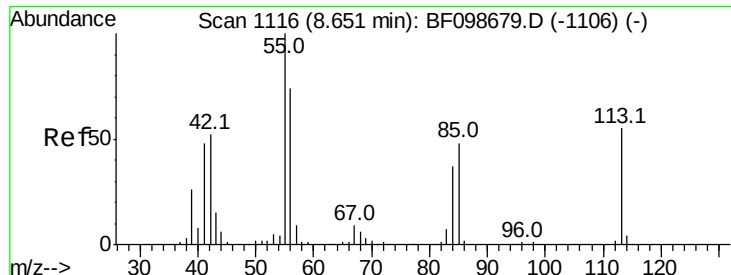
#34
Hexachlorobutadiene
Concen: 43.503 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Tgt Ion:	225	Resp:	177505
Ion	Ratio	Lower	Upper
225	100		
223	59.5	50.6	76.0
227	62.1	51.9	77.9



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

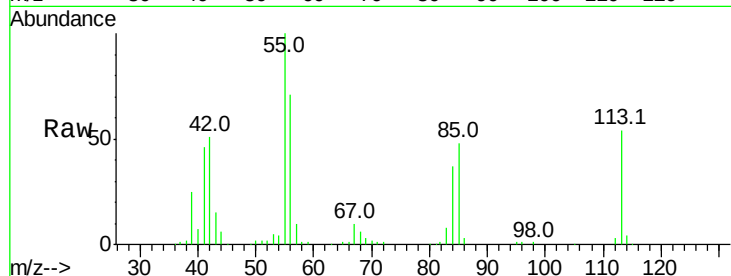




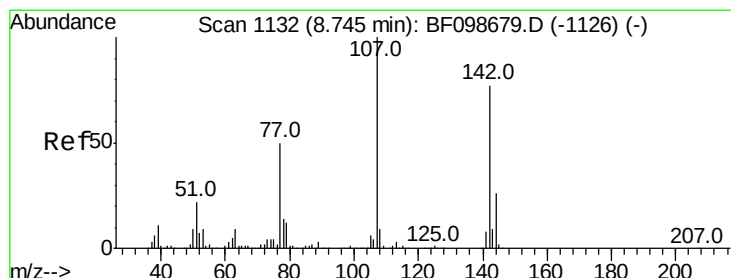
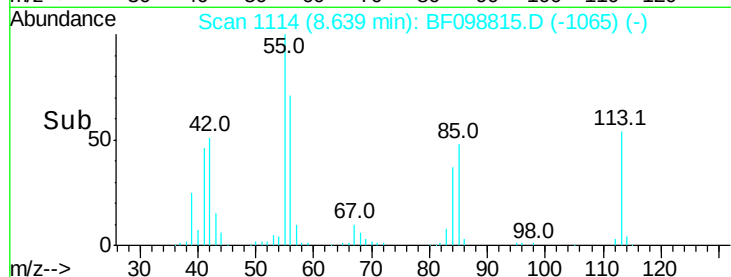
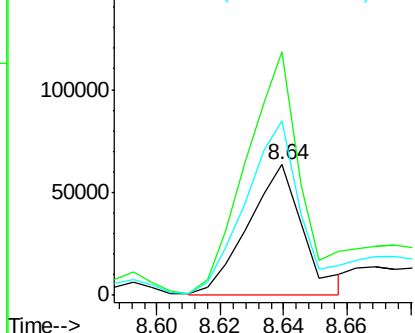
#35
 Caprolactam
 Concen: 30.138 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 76570
 Ion Ratio Lower Upper
 113 100
 55 186.7 163.3 203.3
 56 133.4 115.7 155.7

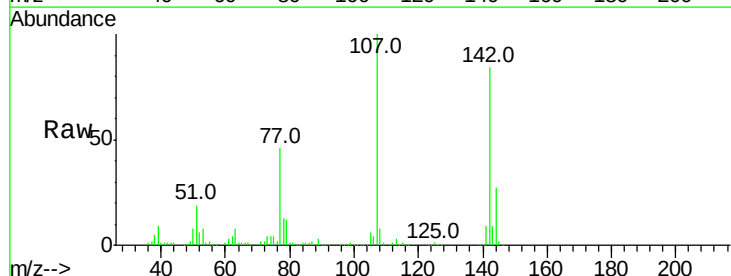


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

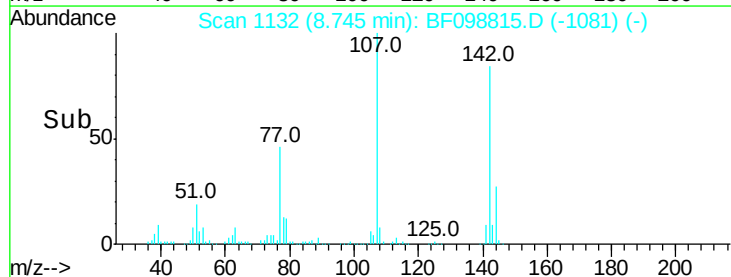
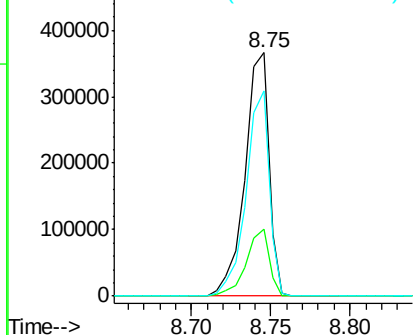


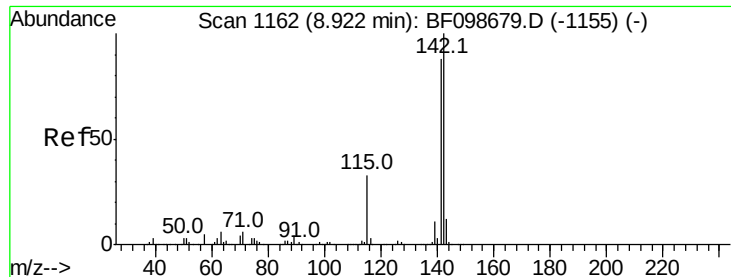
#36
 4-Chloro-3-methylphenol
 Concen: 43.236 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion:107 Resp: 384909
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.5 30.7
 142 84.3 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.201 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

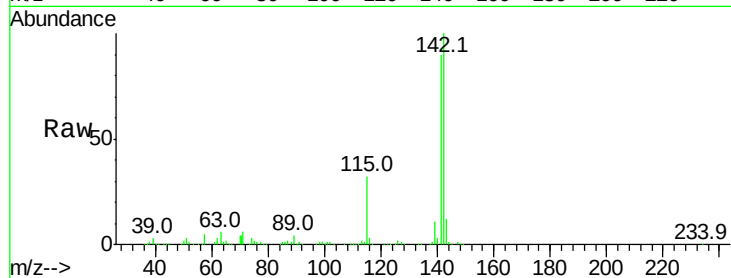
Tot Ion:142 Resp: 827626

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

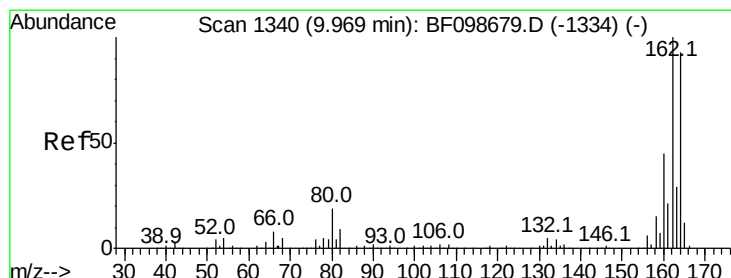
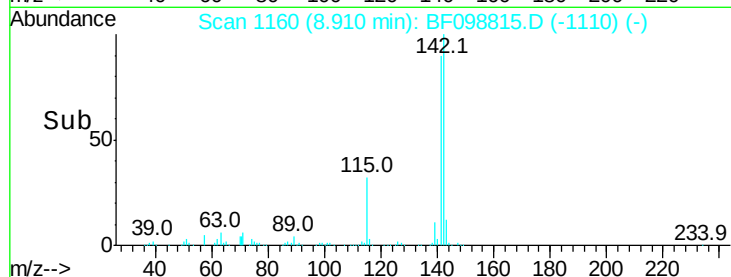
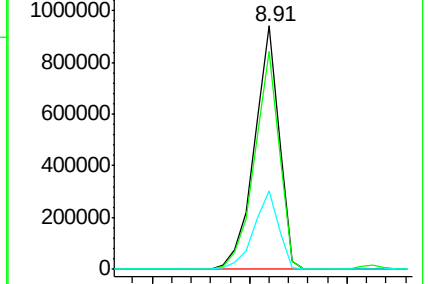
115 32.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

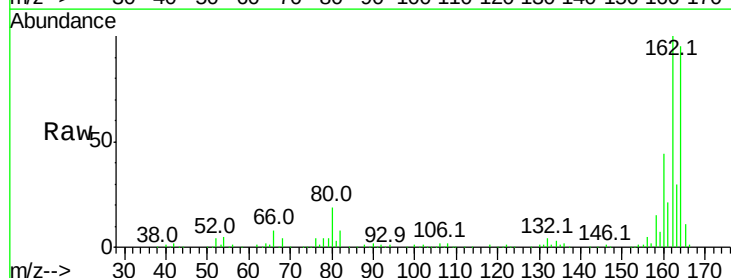
Tgt Ion:164 Resp: 263349

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

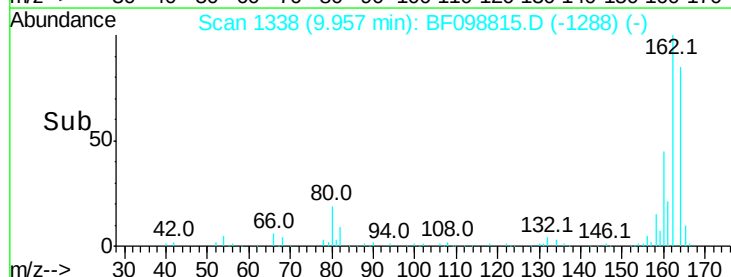
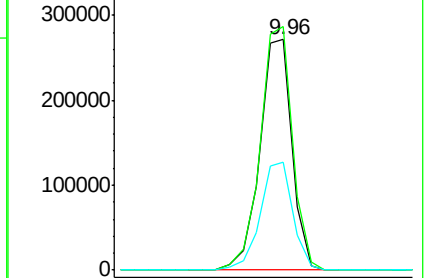
160 46.8 38.3 57.5

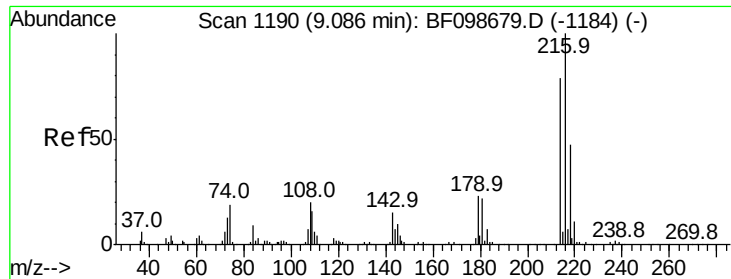


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

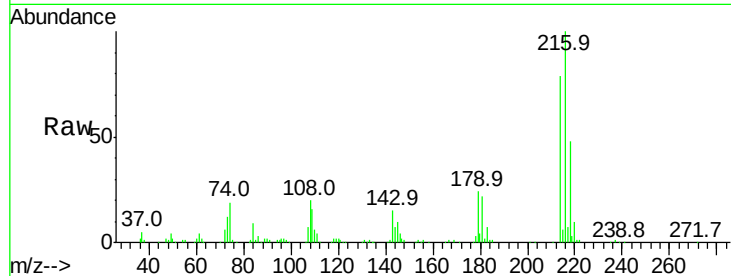




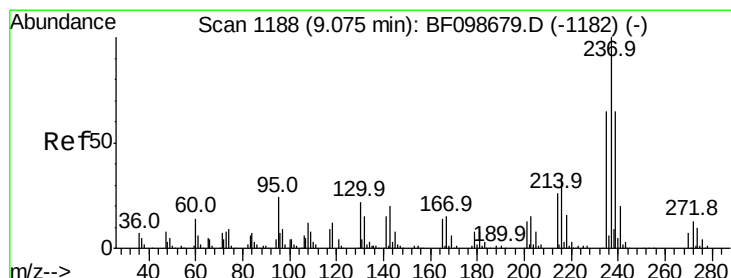
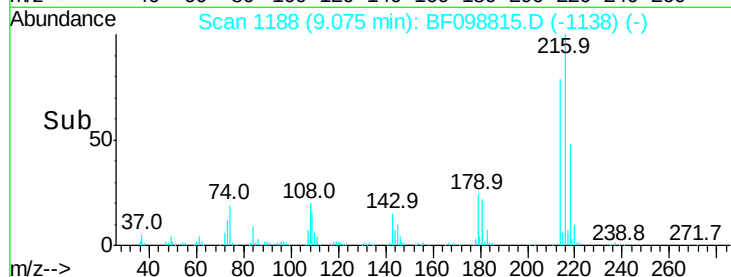
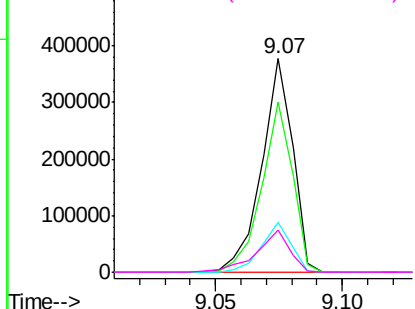
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.231 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	323823
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	22.9	18.1	27.1
108	21.3	17.2	25.8

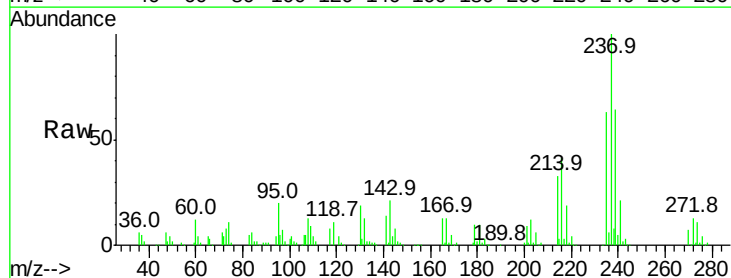


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

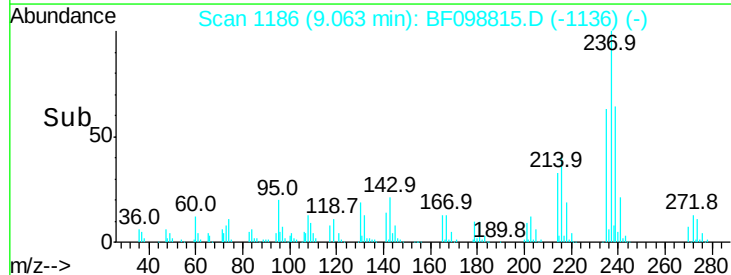
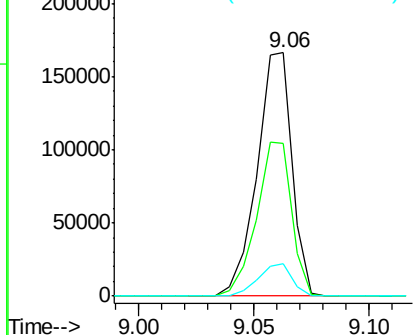


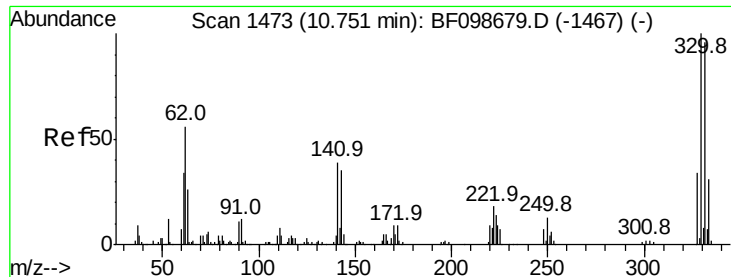
#40
 Hexachlorocyclopentadiene
 Concen: 49.046 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion:	237	Resp:	176035
Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.3	0.0	33.3



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

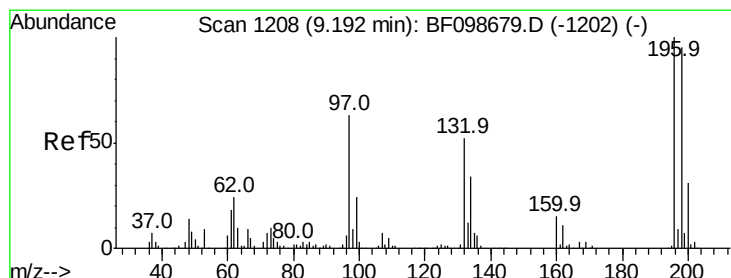
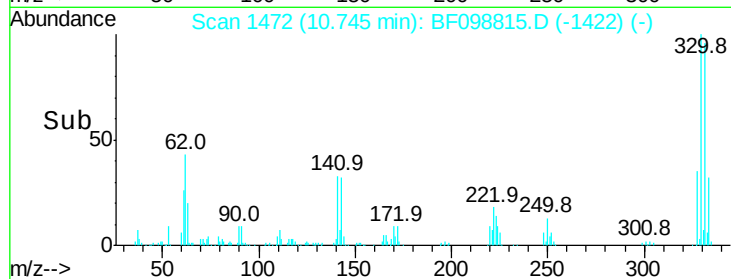
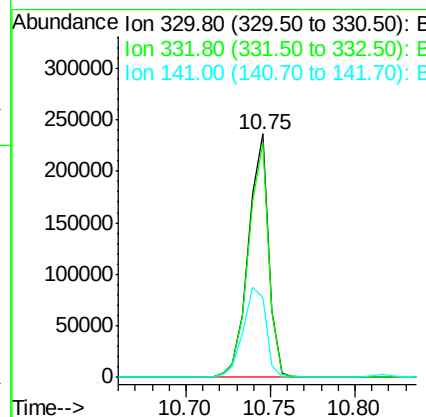
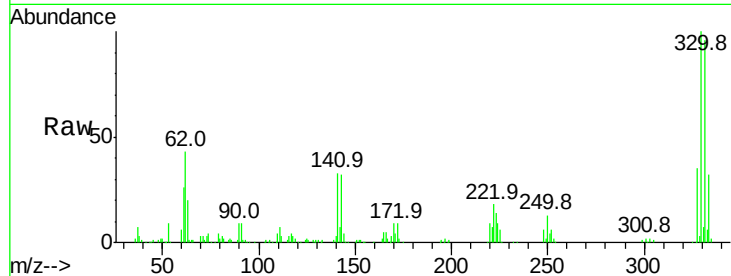




#41
 2,4,6-Tribromophenol
 Concen: 91.946 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

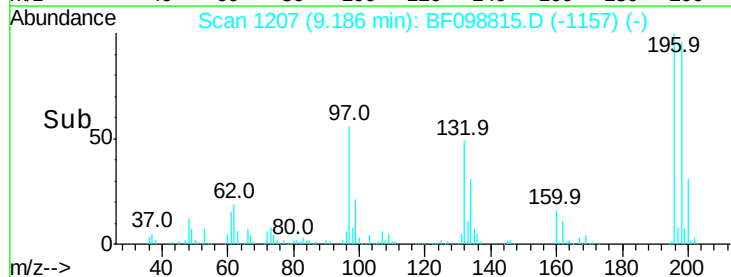
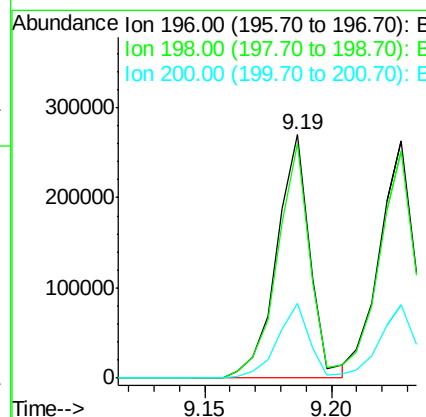
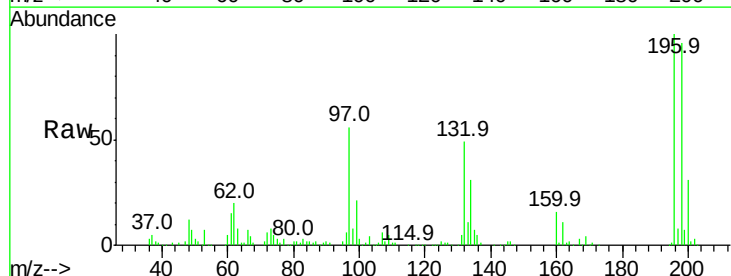
Instrument :
 BNA_F
 ClientSampleId :

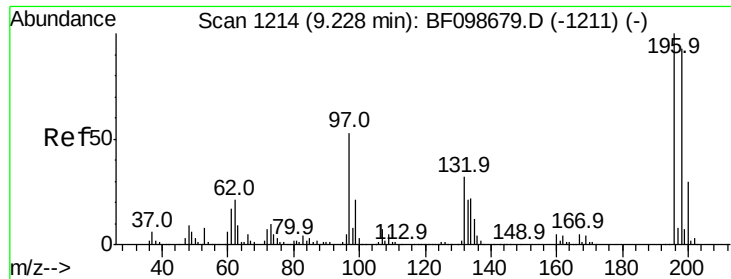
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	41.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.124 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	30.7	24.5	36.7

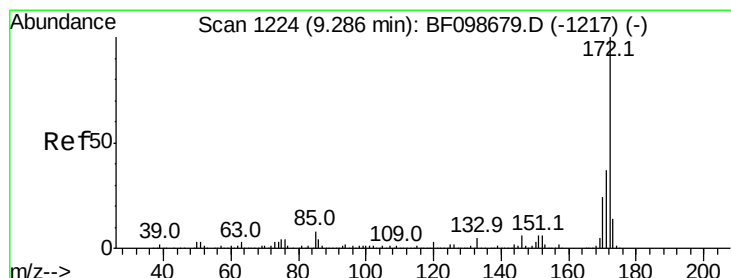
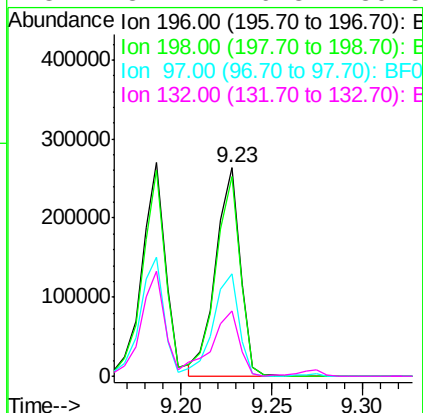
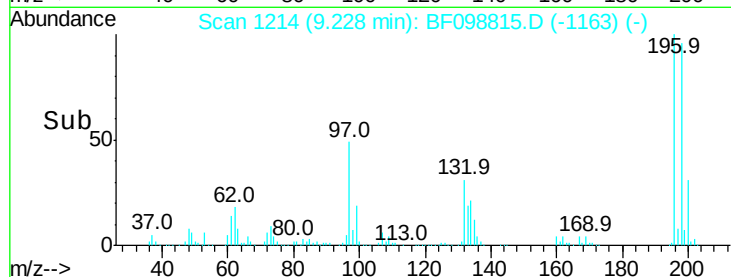
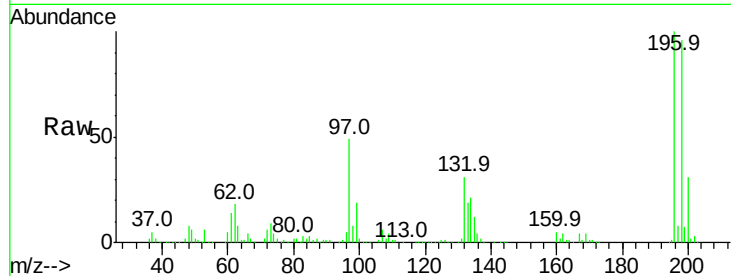




#43
 2,4,5-Trichlorophenol
 Concen: 44.843 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

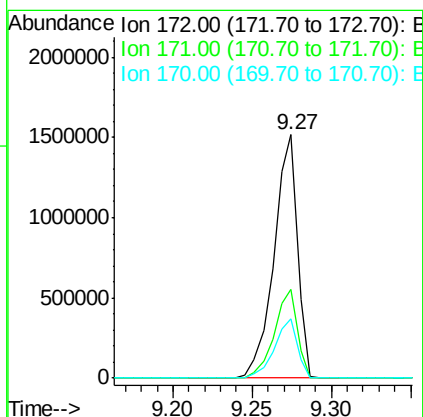
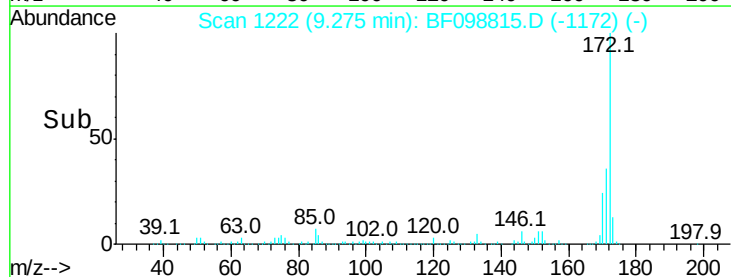
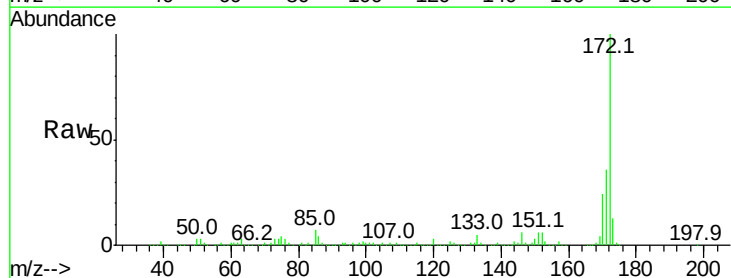
Instrument :
 BNA_F
 ClientSampleId :

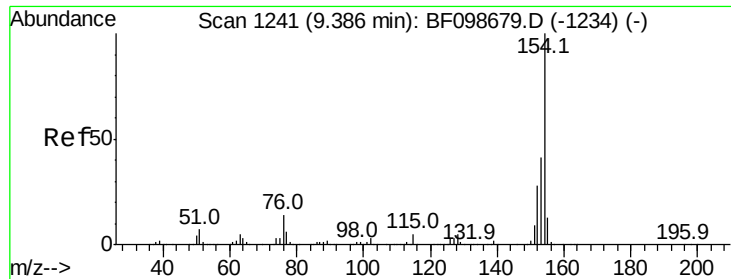
Tot Ion:	196	Resp:	249063
Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	49.0	42.9	64.3
132	31.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 98.855 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion:	172	Resp:	1559429
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4

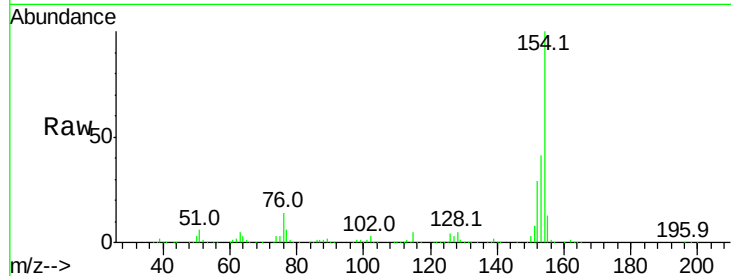




#45
 1,1'-Biphenyl
 Concen: 41.909 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	13.5	0.0	34.0

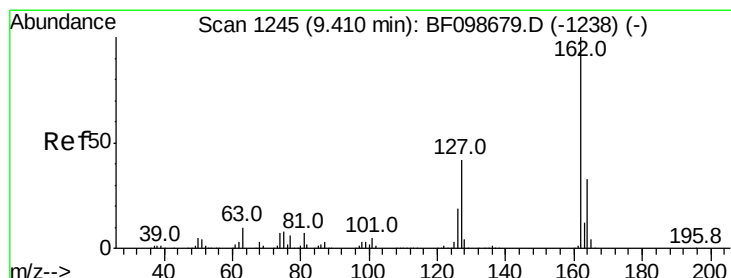
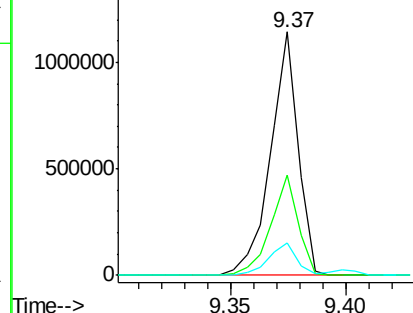
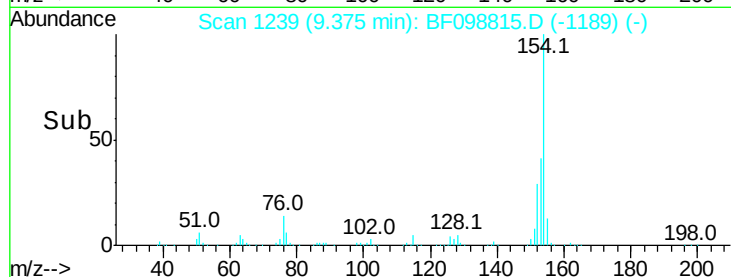


Abundance

Ion 154.00 (153.70 to 154.70): E

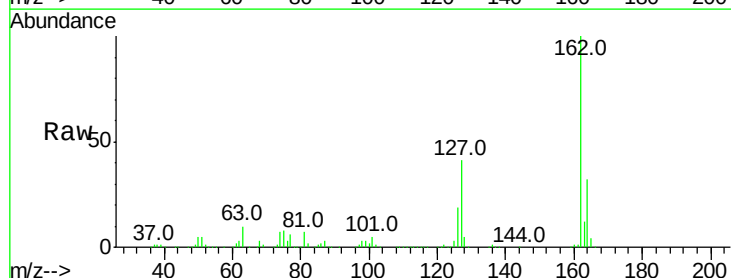
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 44.448 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.9	50.9
164	32.5	26.5	39.7

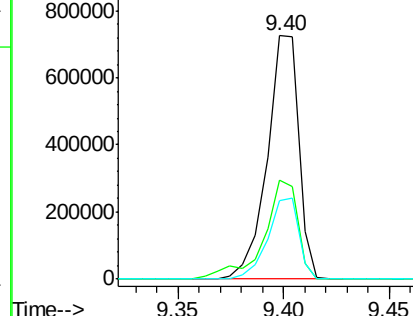
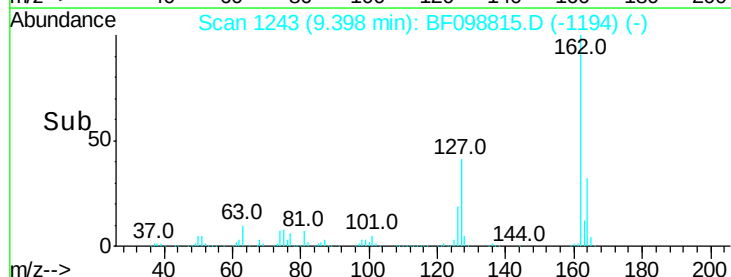


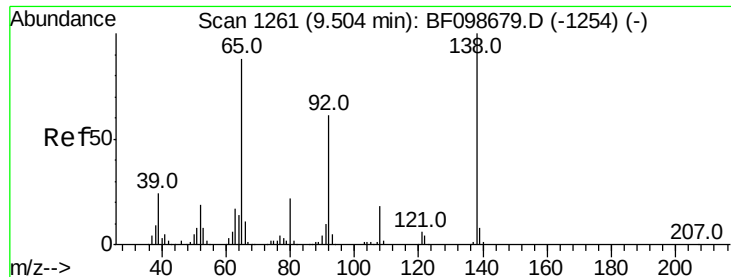
Abundance

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: 46.507 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

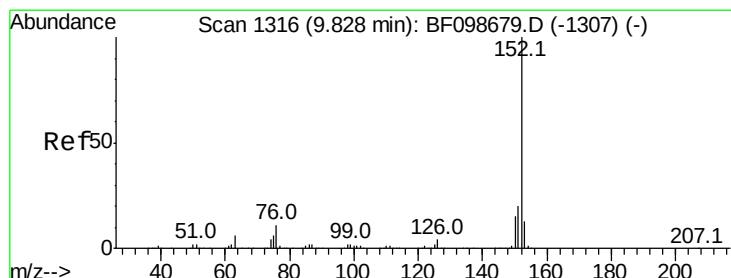
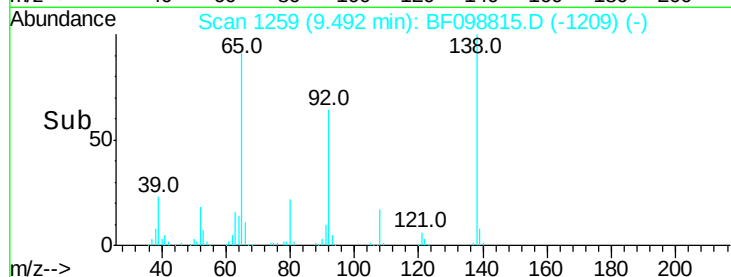
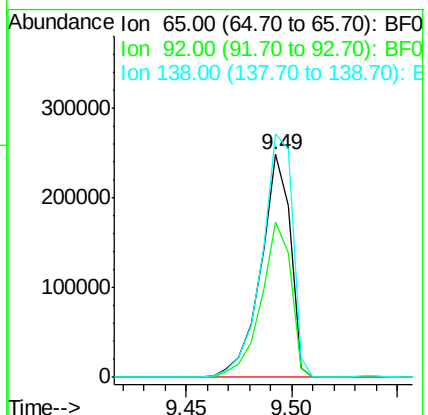
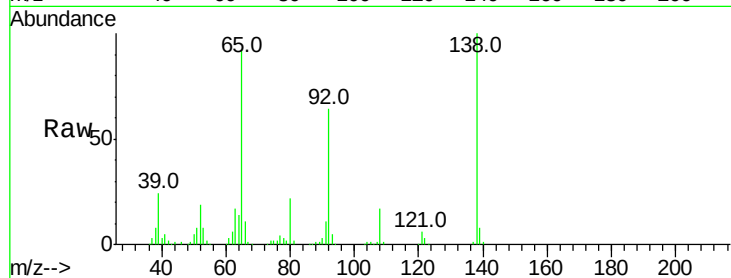
Tot Ion: 65 Resp: 241996

Ion Ratio Lower Upper

65 100

92 70.0 55.8 83.6

138 109.3 91.2 136.8



#48

Acenaphthylene

Concen: 43.885 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

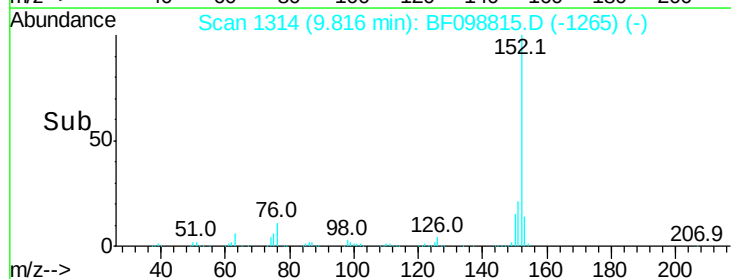
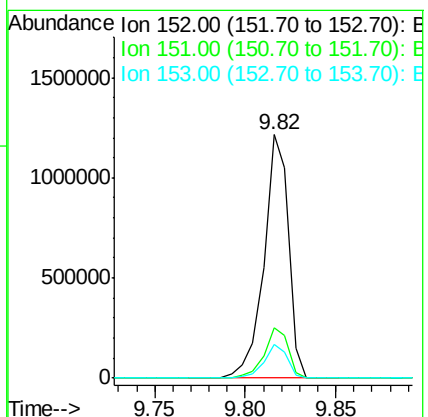
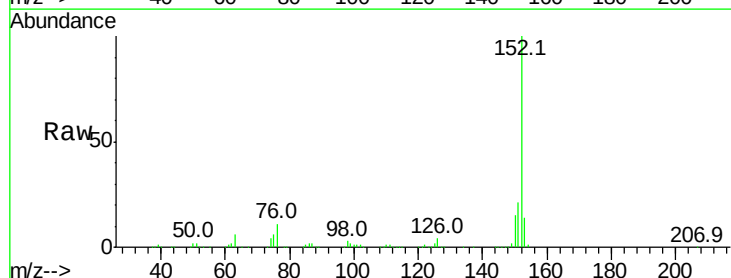
Tgt Ion: 152 Resp: 1141631

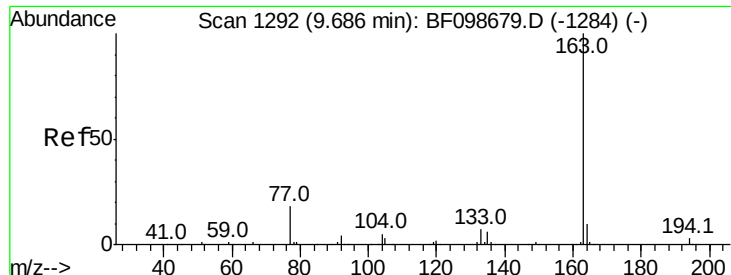
Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.8 10.7 16.1

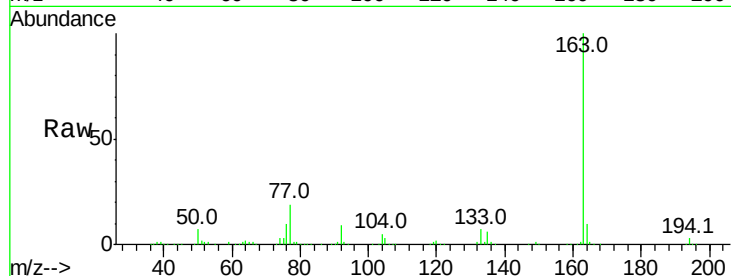




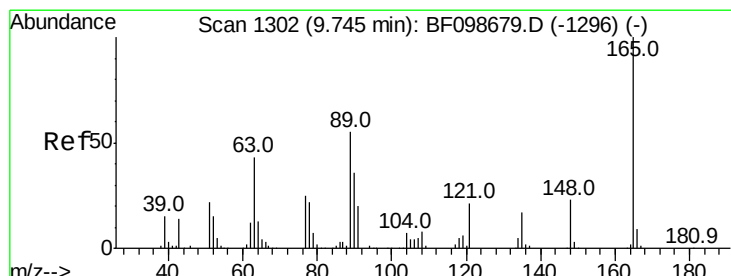
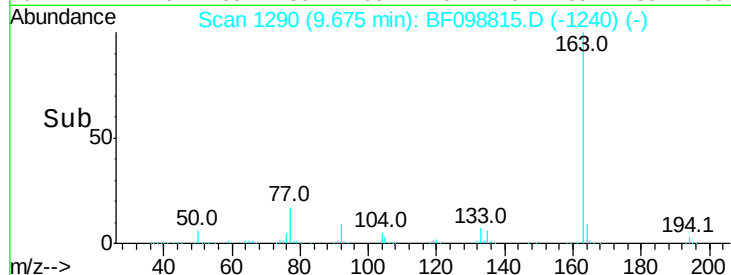
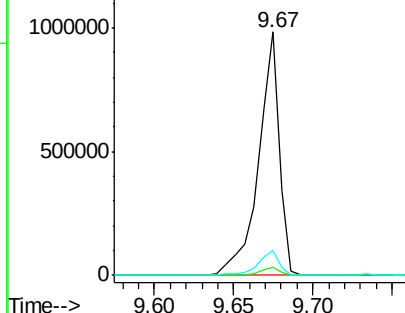
#49
Dimethylphthalate
Concen: 45.403 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 902429
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

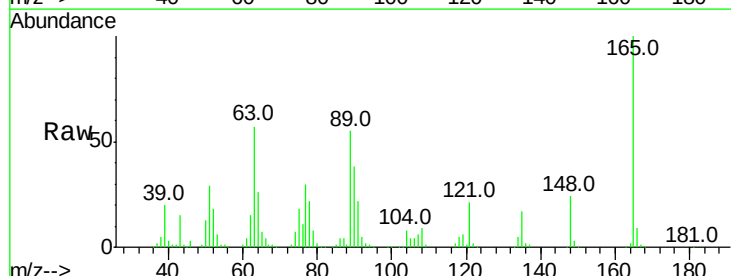


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

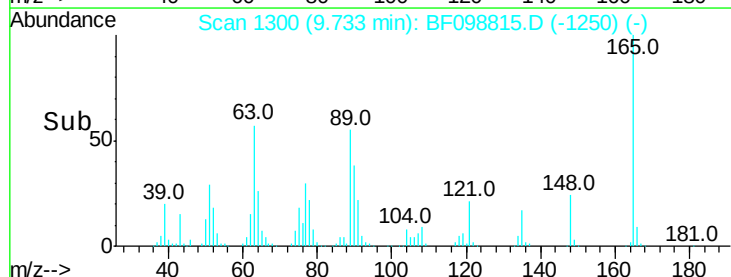
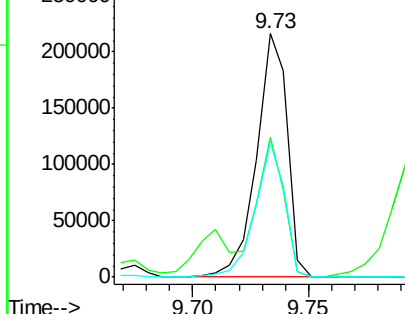


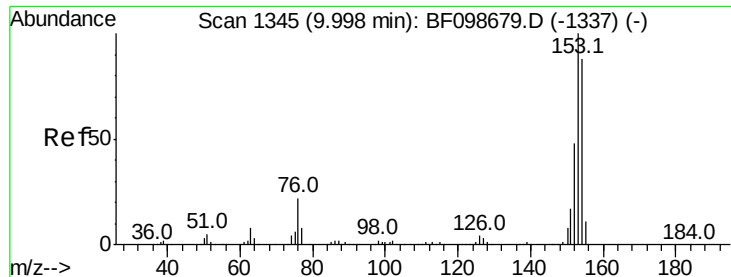
#50
2,6-Dinitrotoluene
Concen: 46.323 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Tgt Ion:165 Resp: 200446
Ion Ratio Lower Upper
165 100
63 57.2 44.7 67.1
89 55.4 44.0 66.0



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





#51

Acenaphthene

Concen: 43.323 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

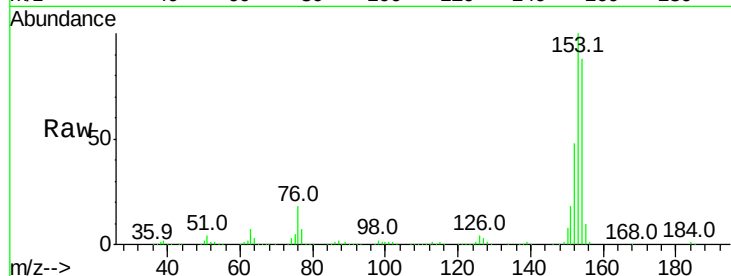
Tot Ion:154 Resp: 713908

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

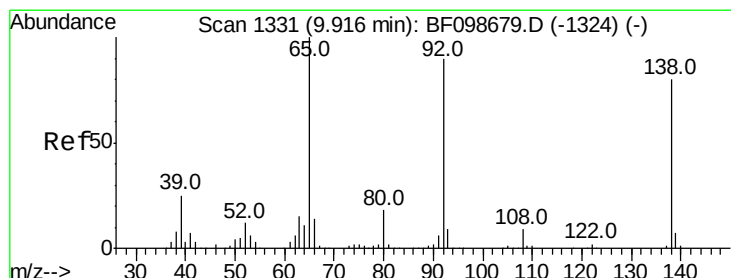
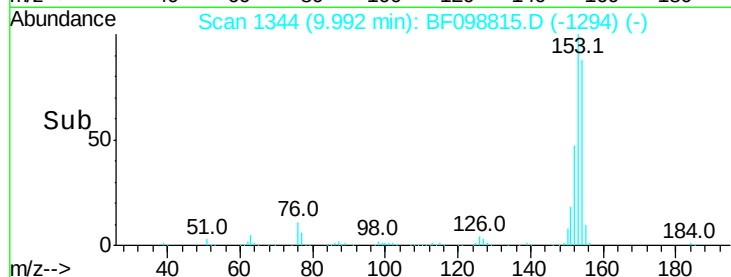
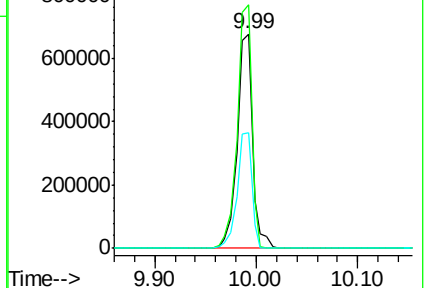
152 54.0 43.8 65.8



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: 28.379 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

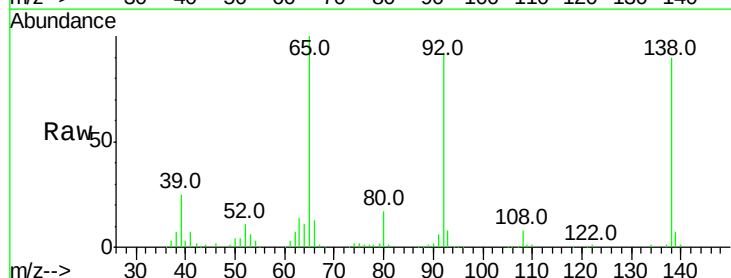
Tgt Ion:138 Resp: 143186

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.0#

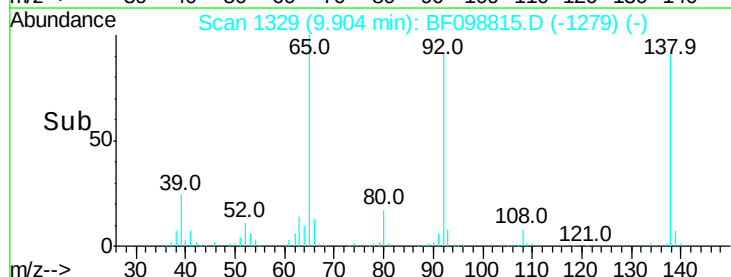
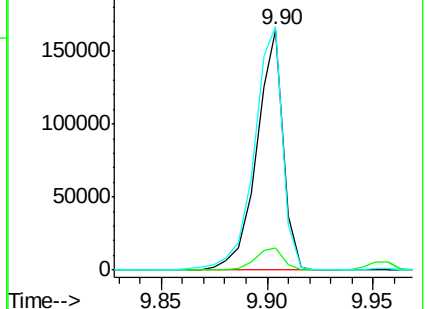
92 101.4 89.4 134.2

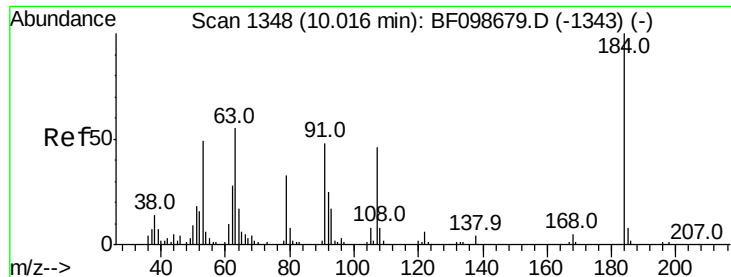


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

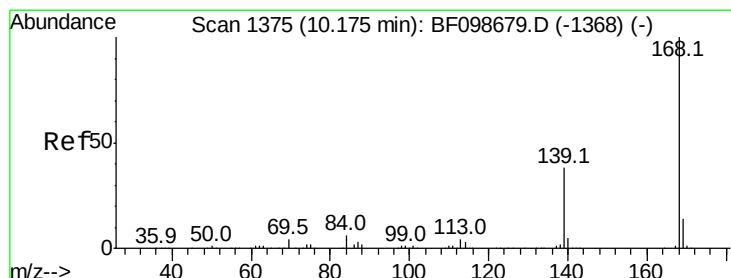
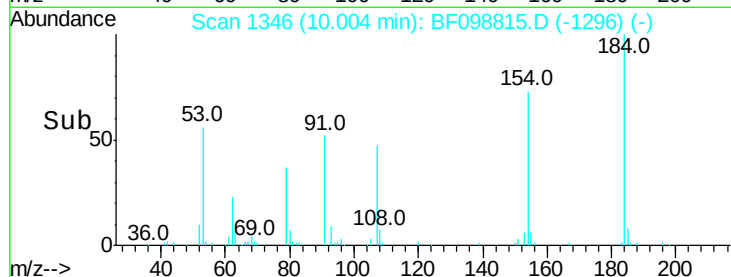
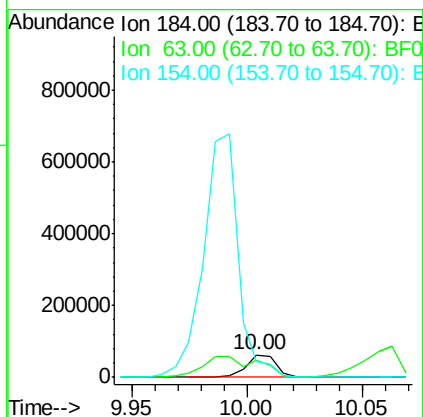
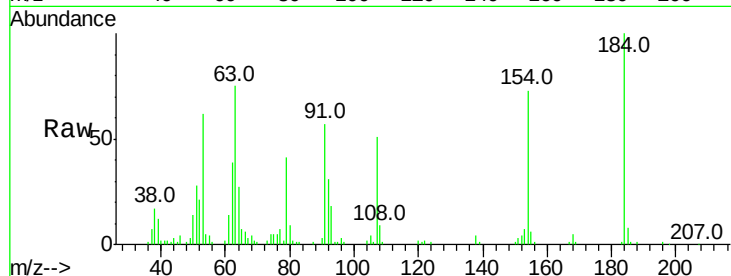




#53
 2,4-Dinitrophenol
 Concen: 29.846 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

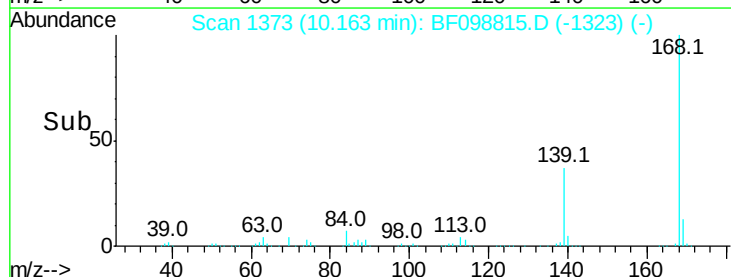
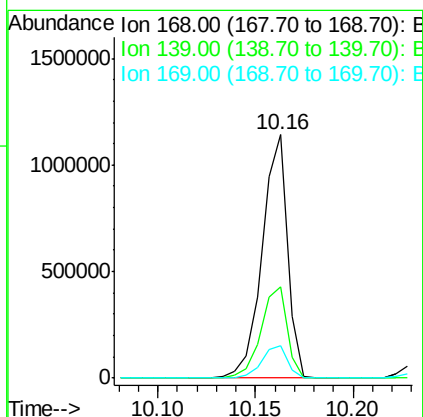
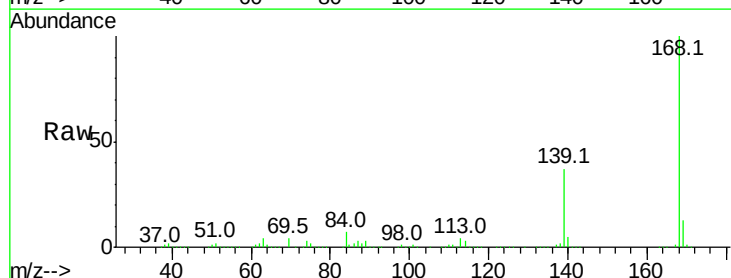
Instrument :
 BNA_F
 ClientSampleId :

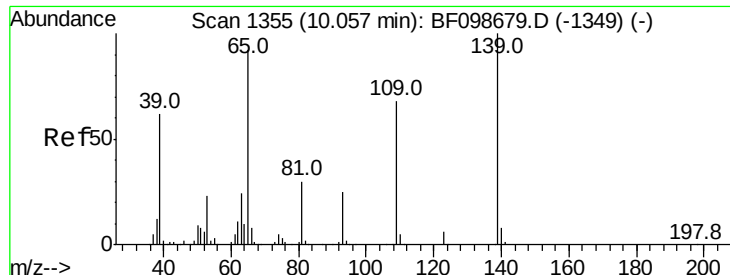
Tot Ion:184 Resp: 58362
 Ion Ratio Lower Upper
 184 100
 63 75.4 54.2 81.2
 154 72.9 53.5 80.3



#54
 Dibenzofuran
 Concen: 46.783 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion:168 Resp: 1026468
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.1 45.1
 169 13.3 10.9 16.3

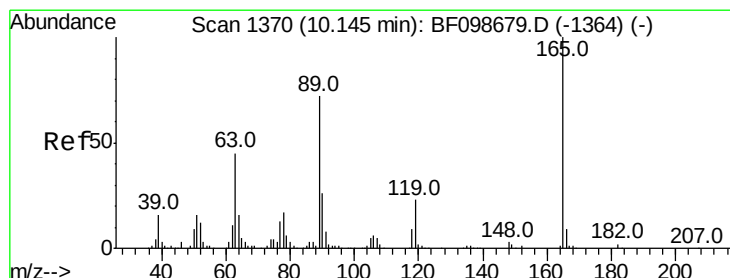
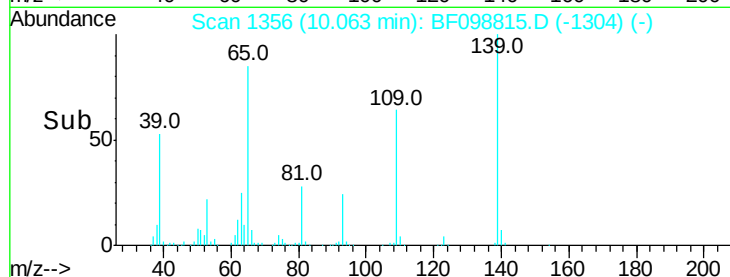
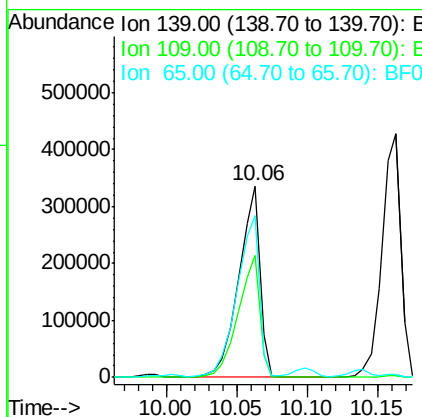
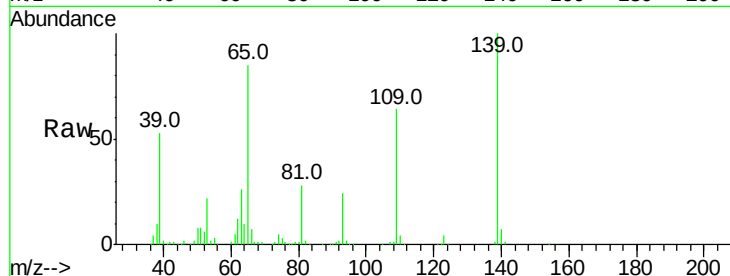




#55
4-Nitrophenol
Concen: 82.931 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

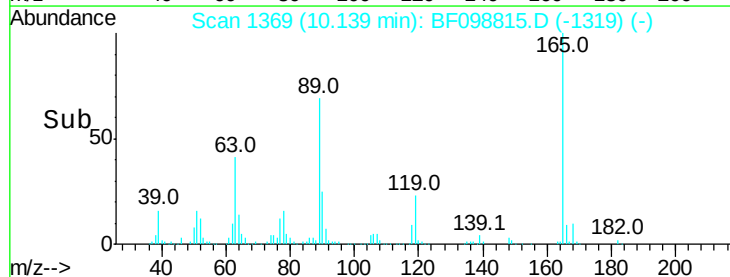
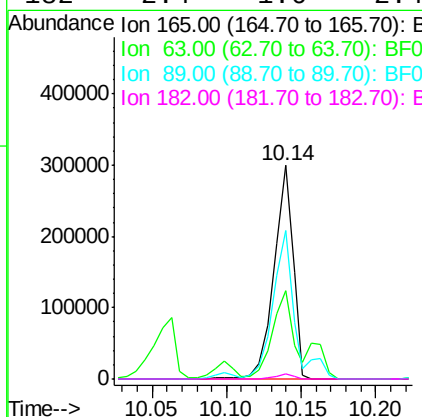
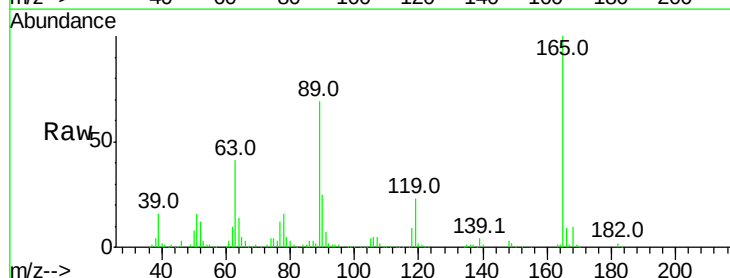
Instrument :
BNA_F
ClientSampleId :

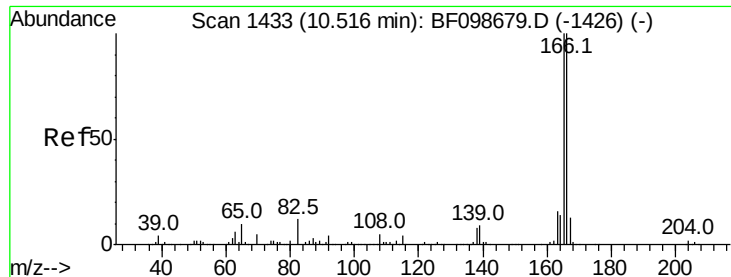
Tot Ion:139 Resp: 353810
Ion Ratio Lower Upper
139 100
109 63.6 48.4 88.4
65 84.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.708 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Tgt Ion:165 Resp: 267925
Ion Ratio Lower Upper
165 100
63 41.4 36.4 54.6
89 69.4 57.8 86.6
182 2.4 1.6 2.4

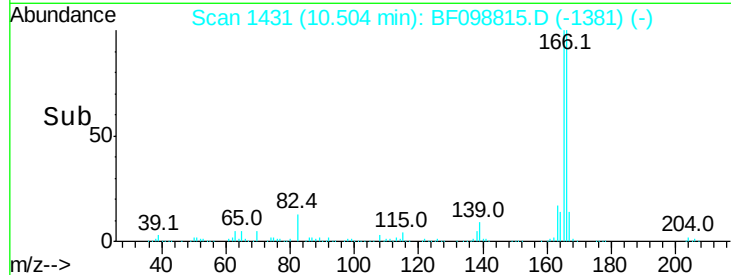
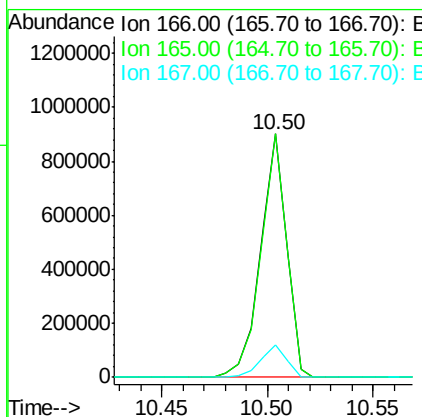
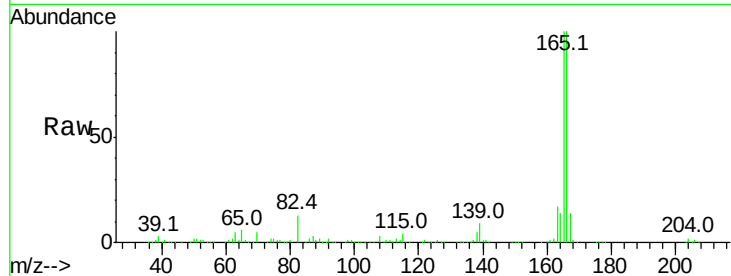




#57
 Fluorene
 Concen: 44.053 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

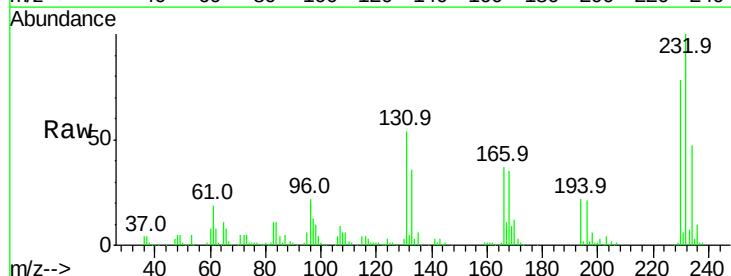
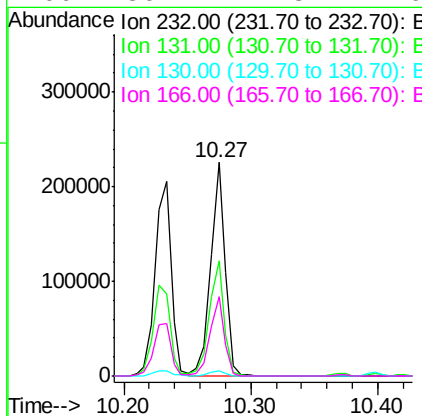
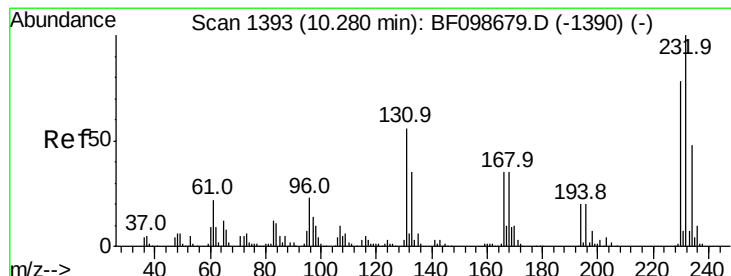
Instrument :
 BNA_F
 ClientSampled :

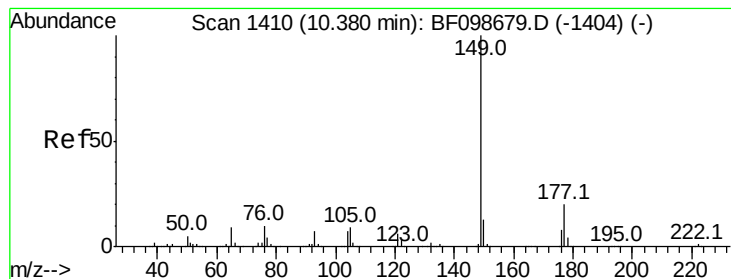
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.077 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.0	43.8	65.8
130	2.5	2.1	3.1
166	36.1	27.8	41.6





#59

Diethylphthalate

Concen: 45.910 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampled :

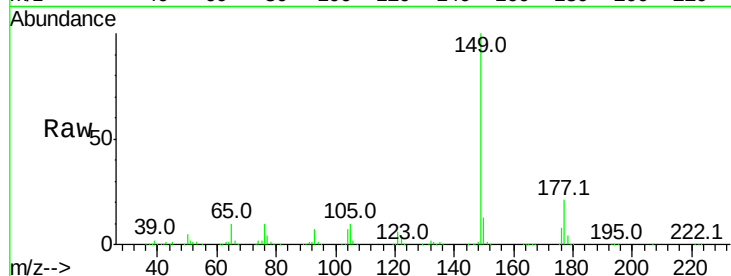
Tot Ion:149 Resp: 891650

Ion Ratio Lower Upper

149 100

177 20.5 16.1 24.1

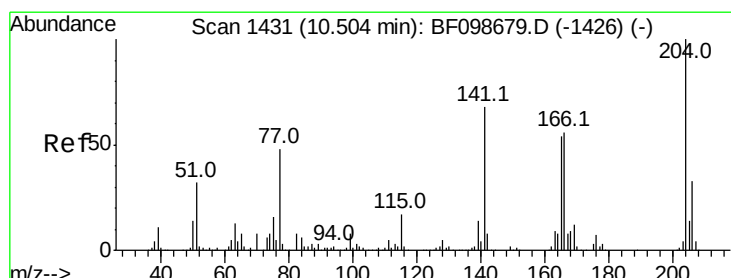
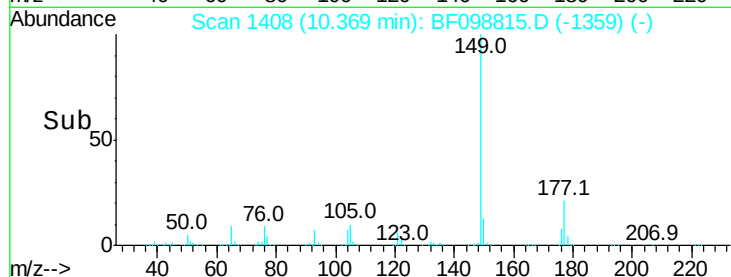
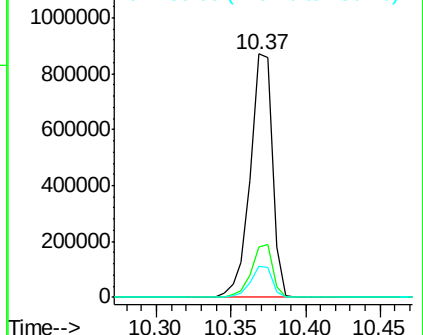
150 12.7 10.1 15.1



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: 44.583 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

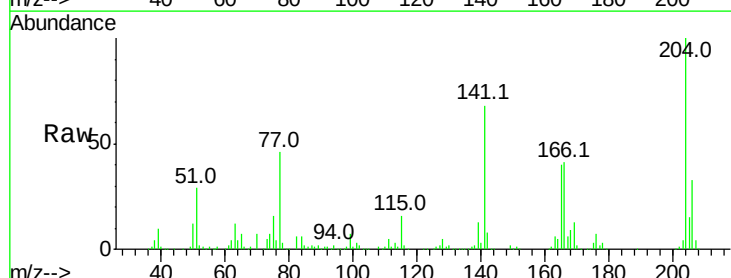
Tgt Ion:204 Resp: 353173

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

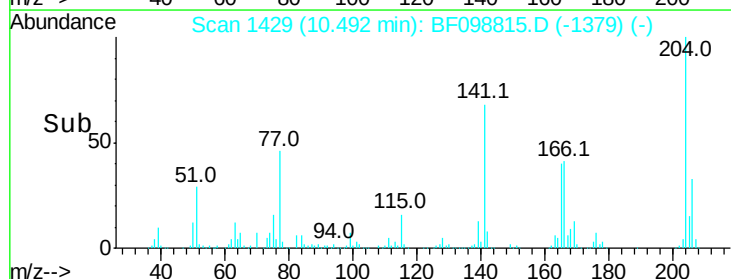
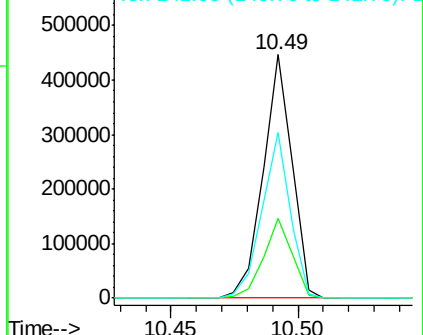
141 68.0 54.6 81.8

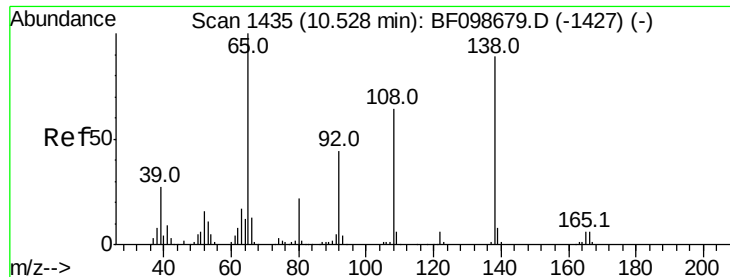


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.474 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampled :

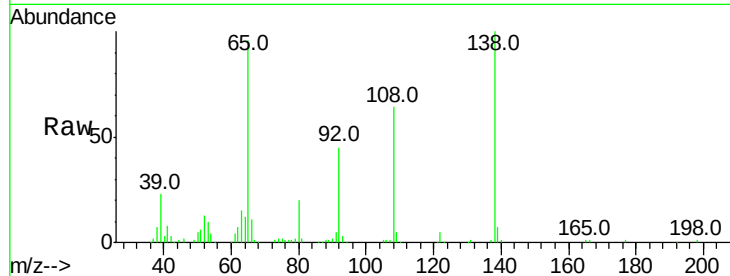
Tot Ion:138 Resp: 192148

Ion Ratio Lower Upper

138 100

92 45.1 30.2 70.2

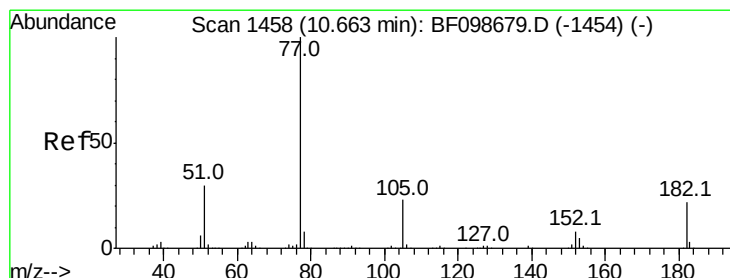
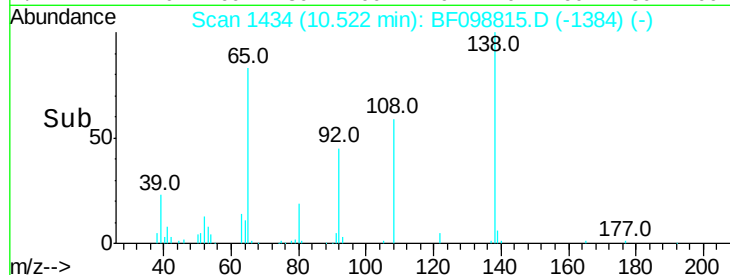
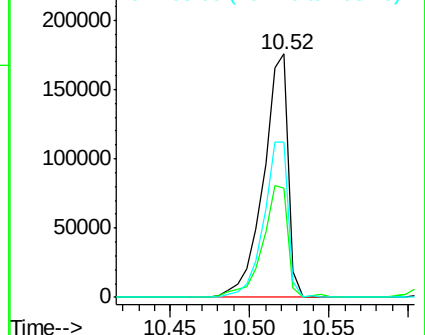
108 63.8 52.5 92.5



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: 47.255 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Tgt Ion: 77 Resp: 843878

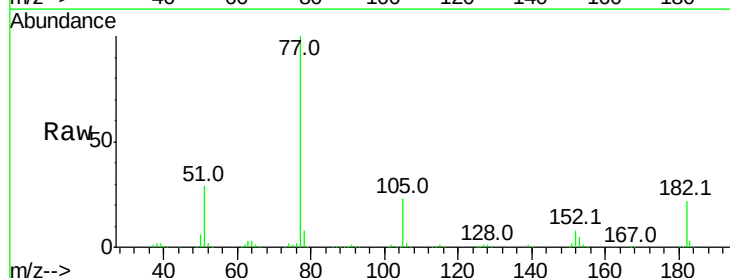
Ion Ratio Lower Upper

77 100

182 21.9 1.7 41.7

105 23.3 3.0 43.0

51 28.7 9.9 49.9

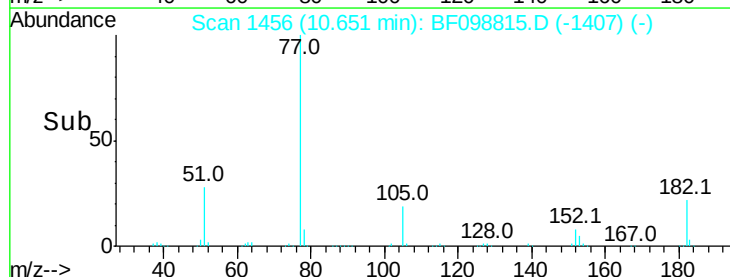
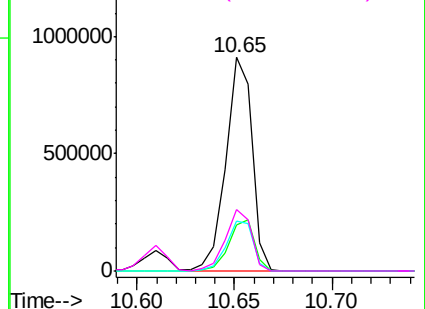


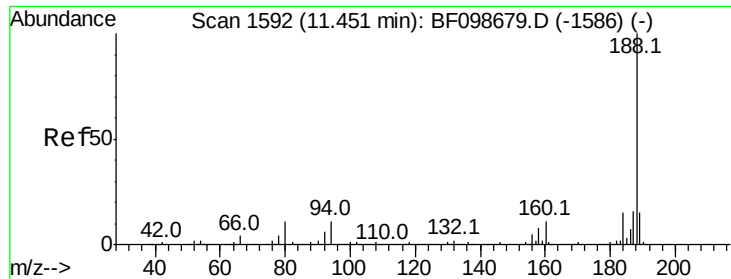
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

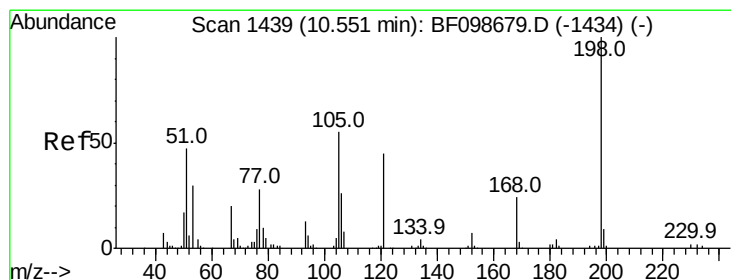
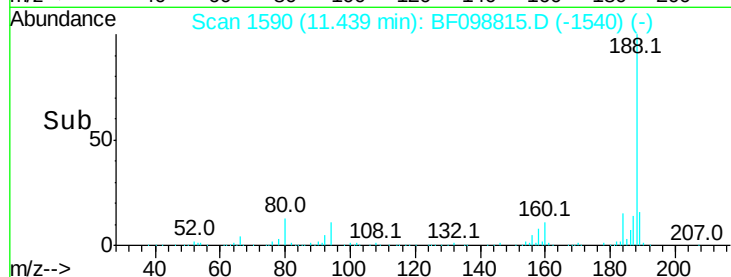
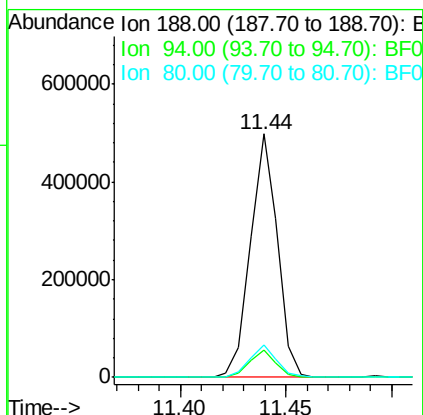
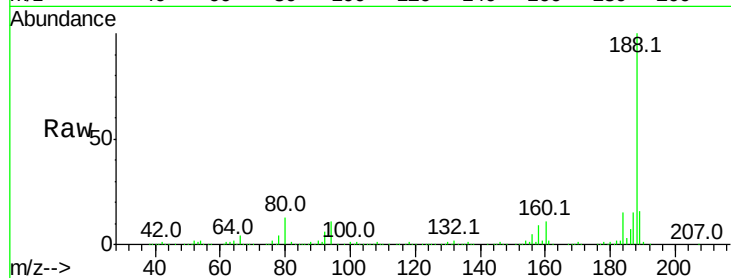




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

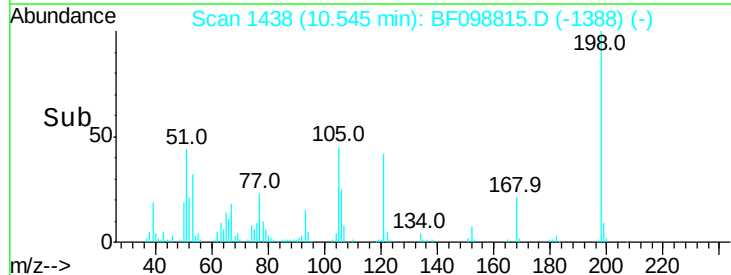
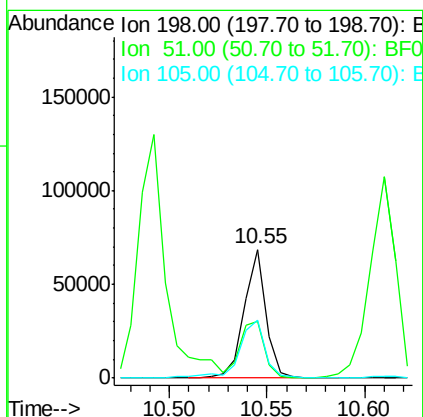
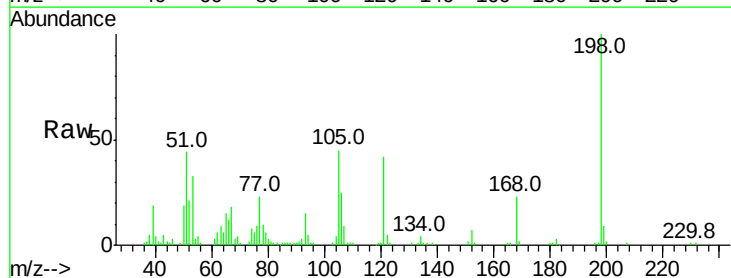
Instrument :
BNA_F
ClientSampleId :

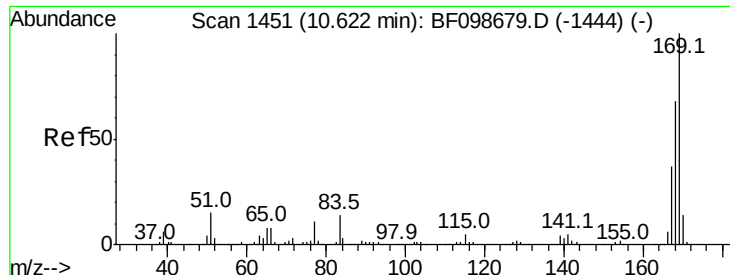
Tot Ion:188 Resp: 442336
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 13.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.724 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Tgt Ion:198 Resp: 53082
Ion Ratio Lower Upper
198 100
51 44.2 37.7 77.7
105 45.5 36.3 76.3

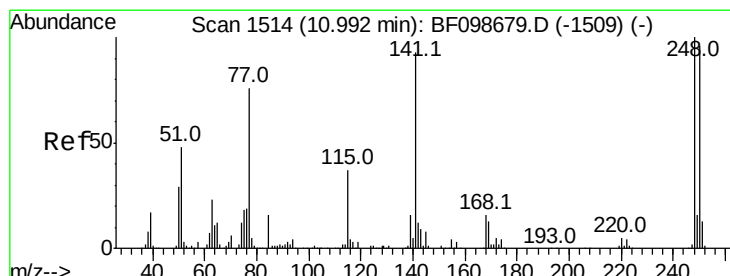
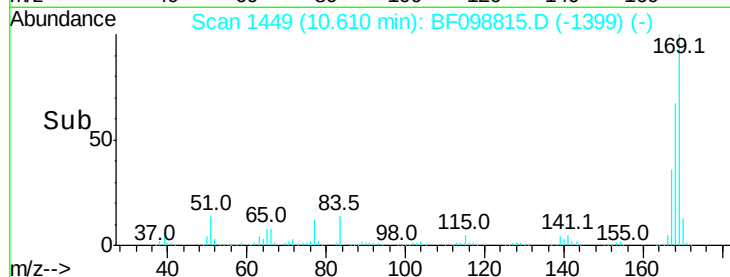
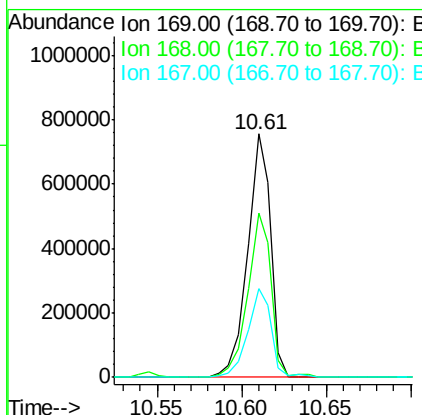
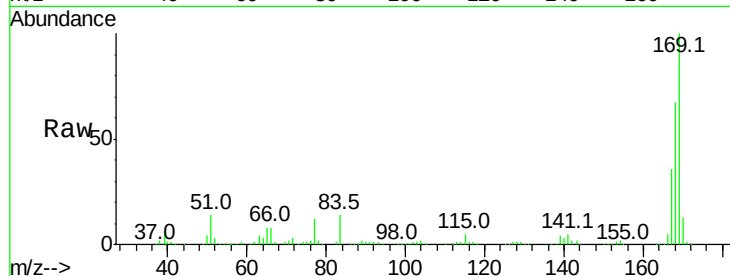




#65
 n-Nitrosodiphenylamine
 Concen: 47.141 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

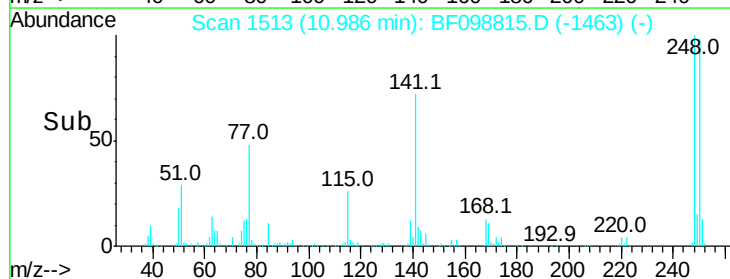
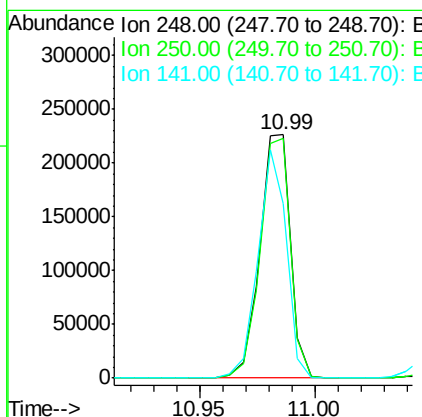
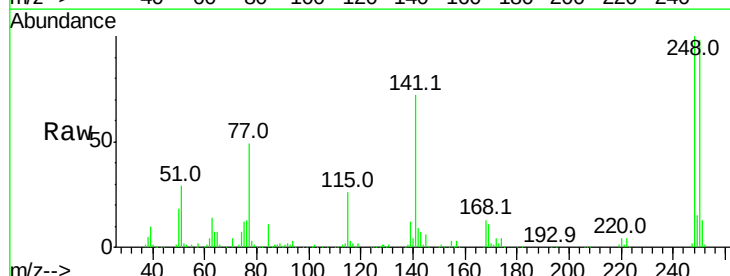
Instrument :
 BNA_F
 ClientSampled :

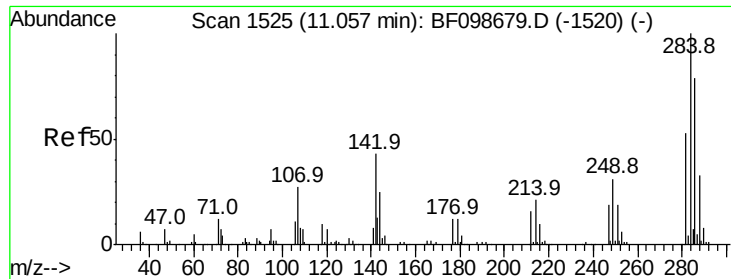
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	36.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.346 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.9	115.3
141	71.8	74.4	111.6#

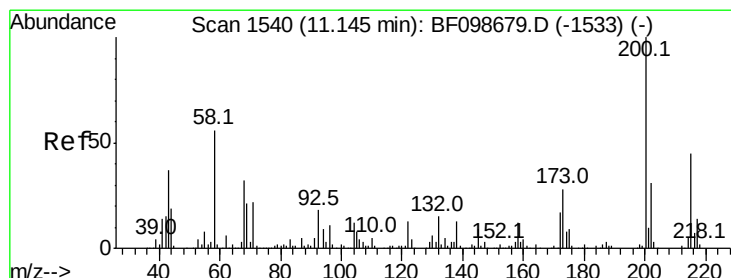
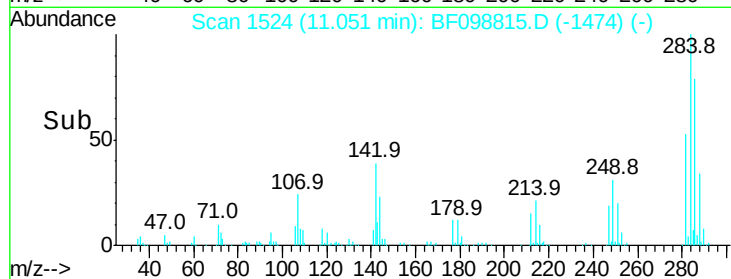
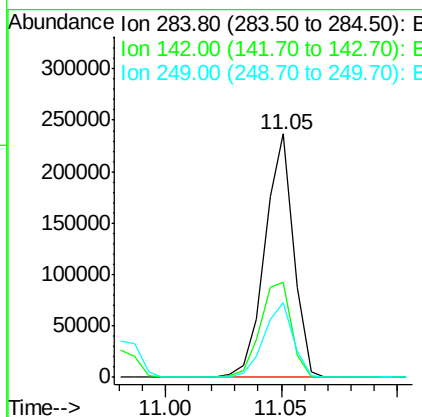
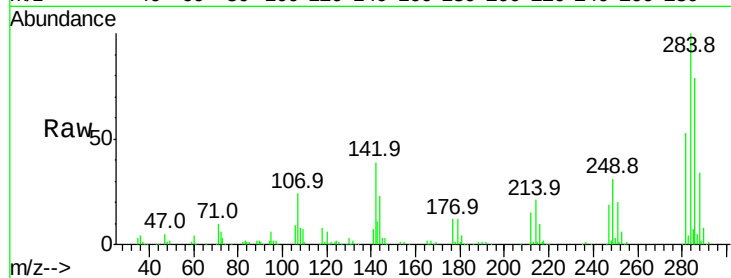




#67
Hexachlorobenzene
Concen: 43.907 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

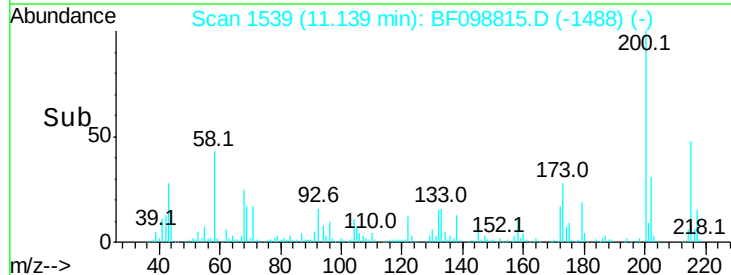
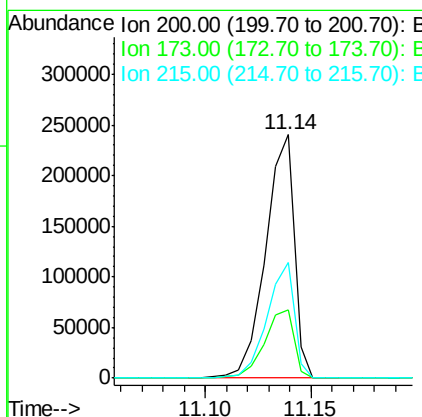
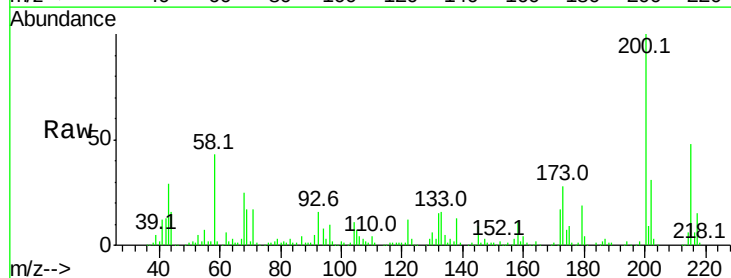
Instrument :
BNA_F
ClientSampleId :

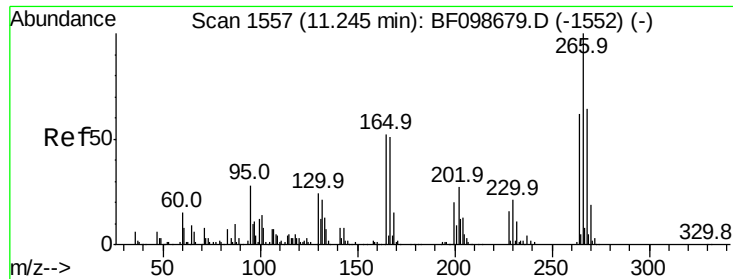
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.1	34.6	52.0
249	30.9	24.8	37.2



#68
Atrazine
Concen: 49.207 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.6	48.6
215	47.6	25.1	65.1





#69

Pentachlorophenol

Concen: 70.520 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampled :

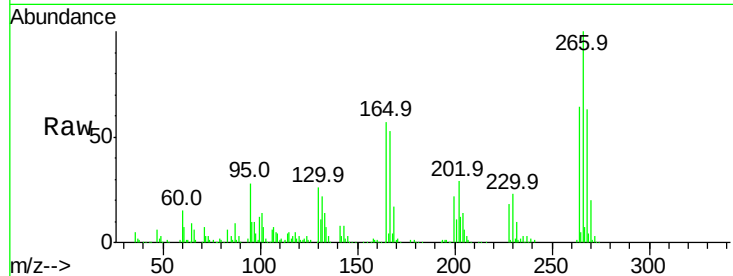
Tot Ion:266 Resp: 202958

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

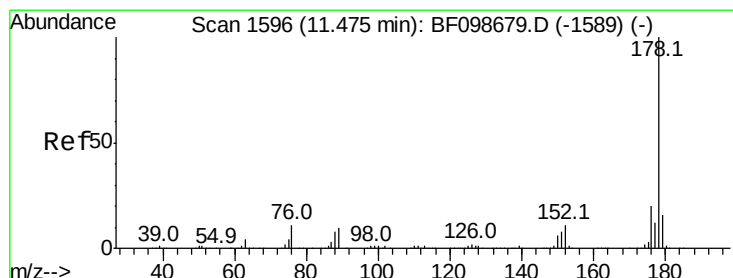
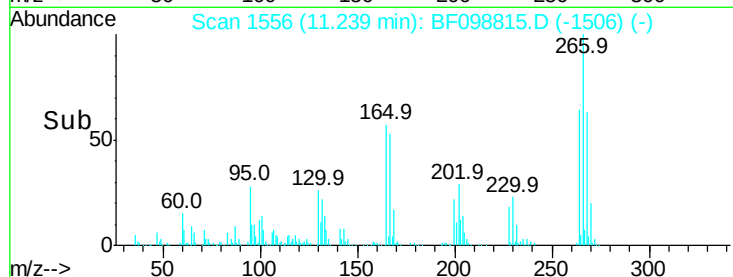
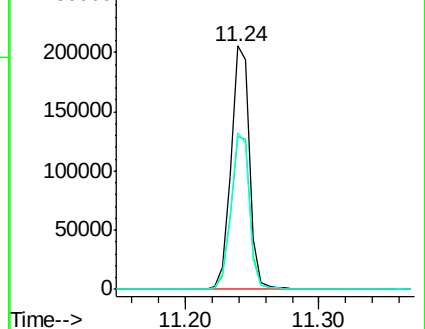
264 64.1 49.5 74.3



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: 45.534 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

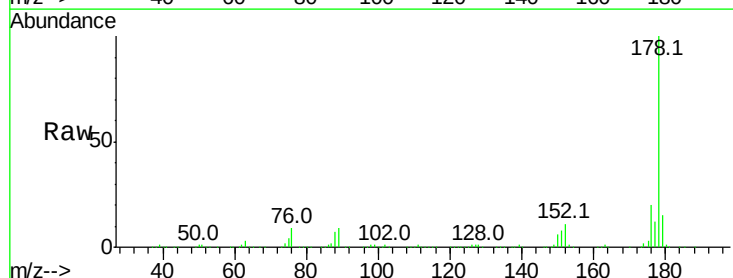
Tgt Ion:178 Resp: 1078101

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

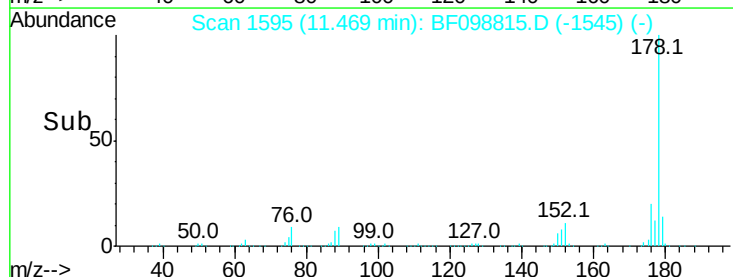
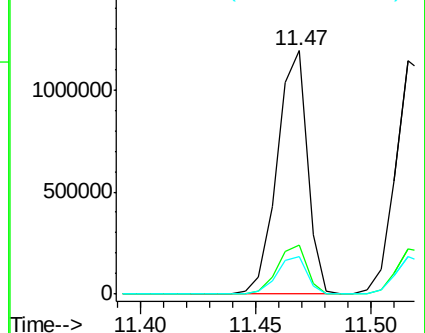
179 15.2 13.0 19.6

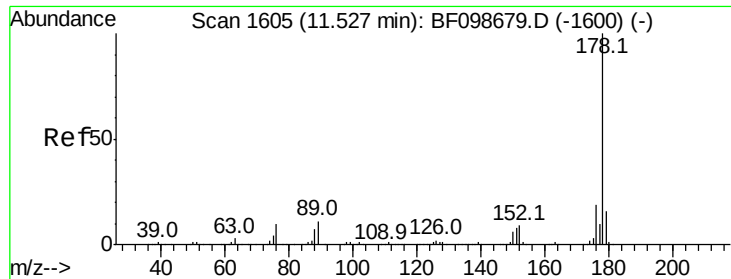


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

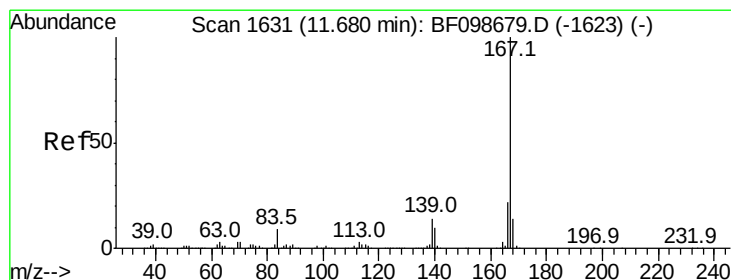
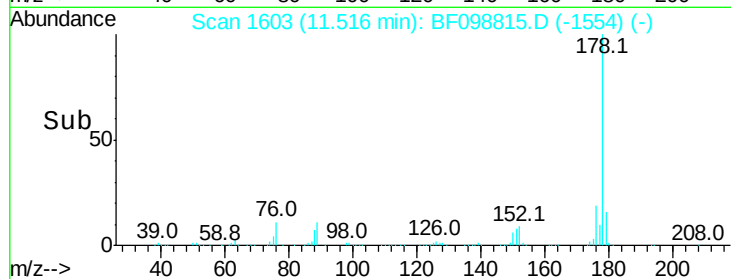
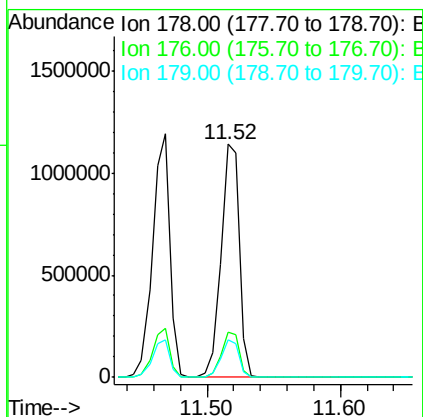
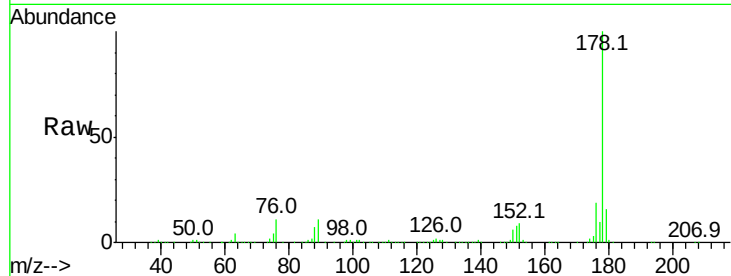




#71
 Anthracene
 Concen: 45.811 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

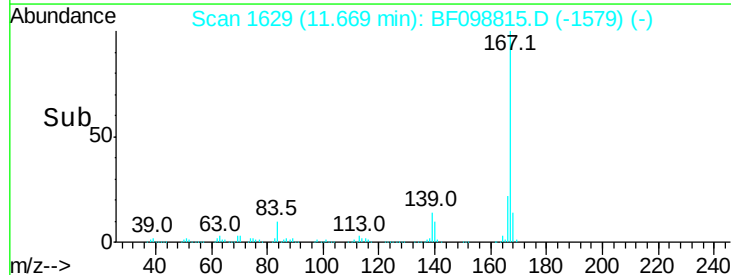
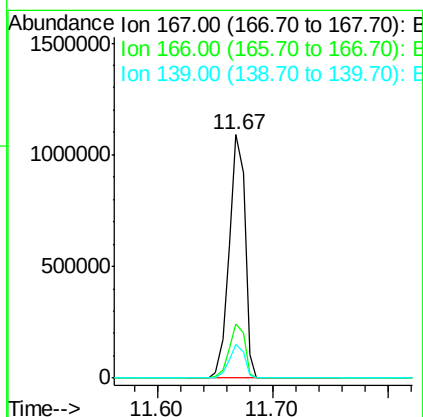
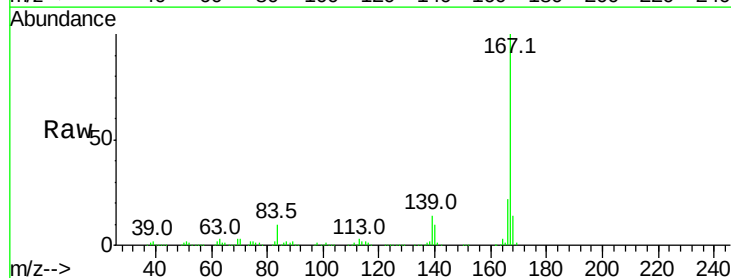
Instrument :
 BNA_F
 ClientSampleId :

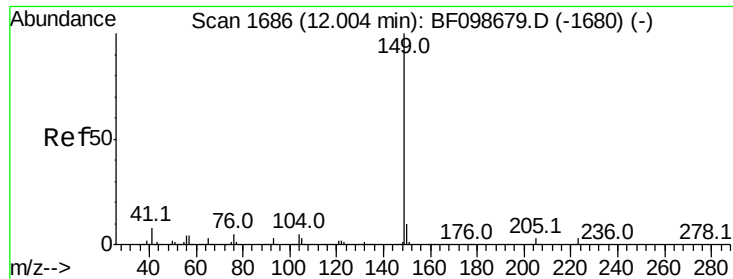
Tot Ion:178 Resp: 1109823
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 43.416 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion:167 Resp: 1030010
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.949 ng

RT: 11.99 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

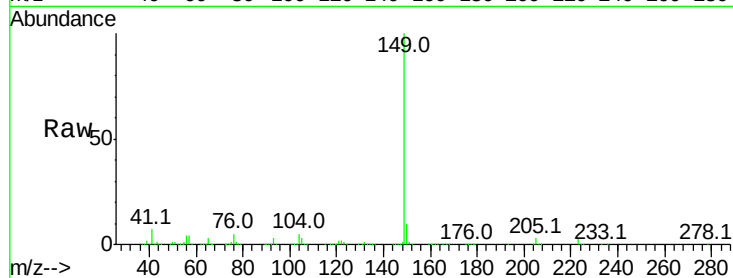
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1369207

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.7	3.8	5.8

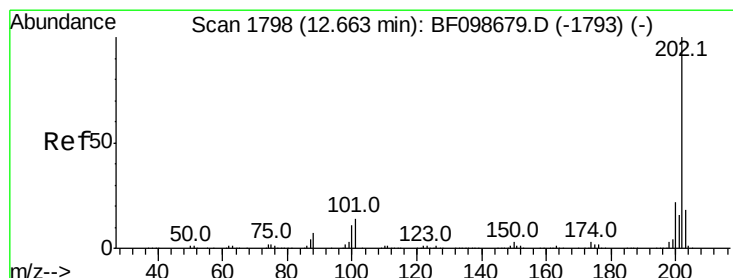
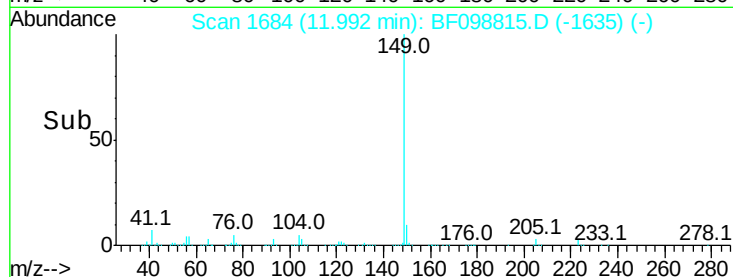
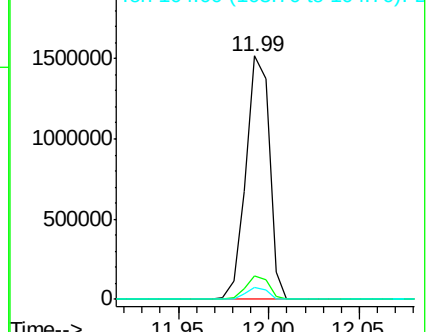


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.053 ng

RT: 12.65 min Scan# 1796

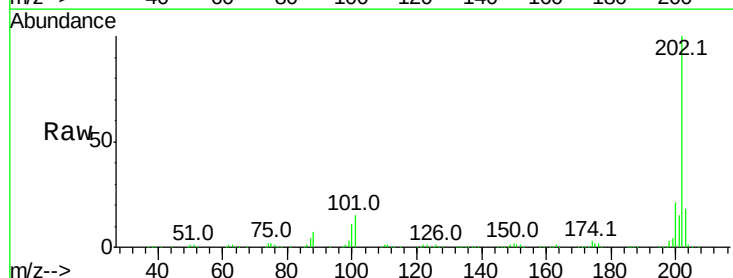
Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Tgt Ion:202 Resp: 960300

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.1
203	18.2	0.0	38.1

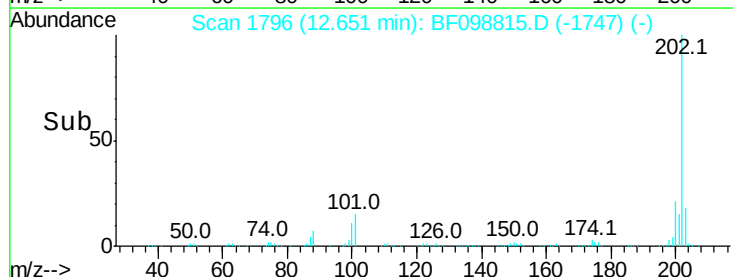
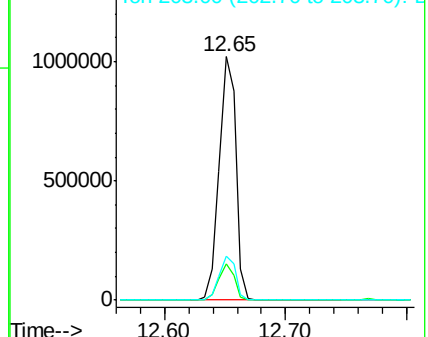


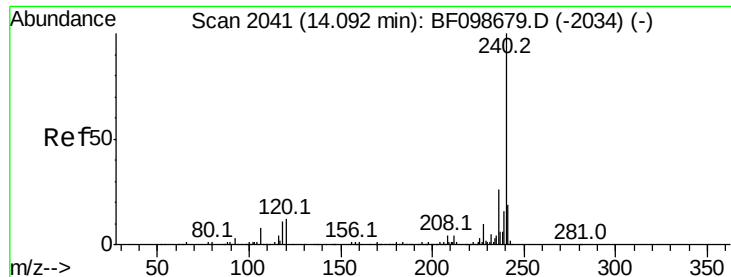
Abundance

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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

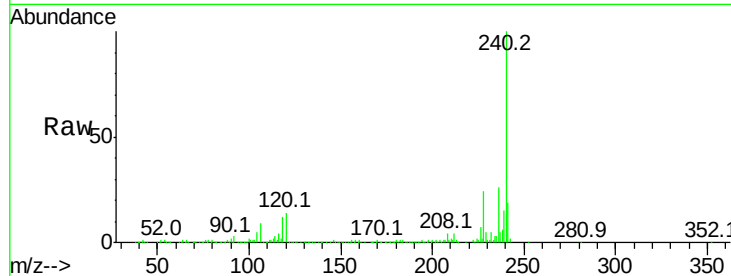
Tot Ion:240 Resp: 250311

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

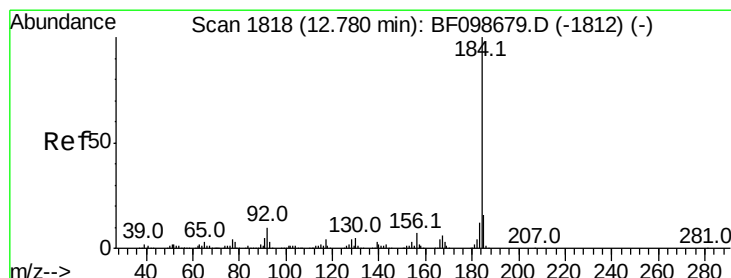
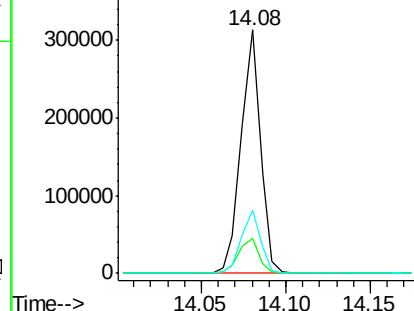
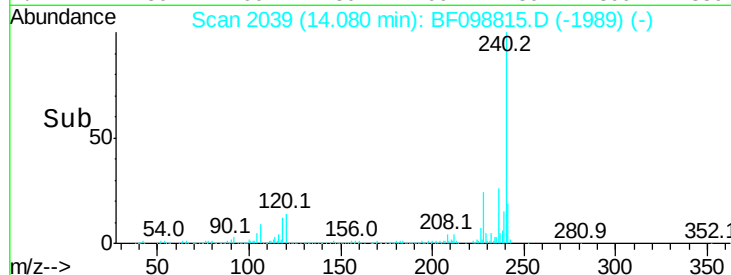
236 26.0 20.7 31.1



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: 58.894 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

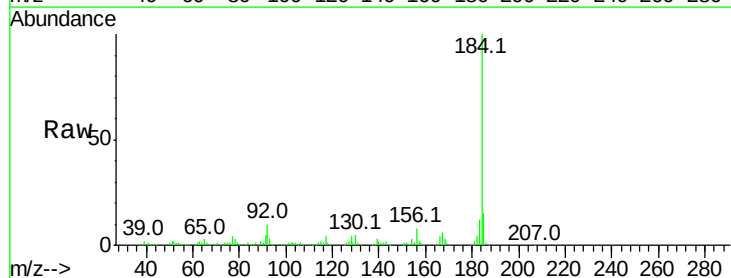
Tgt Ion:184 Resp: 545251

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

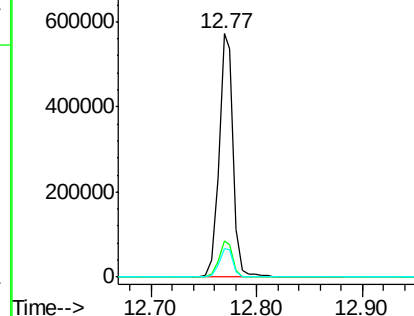
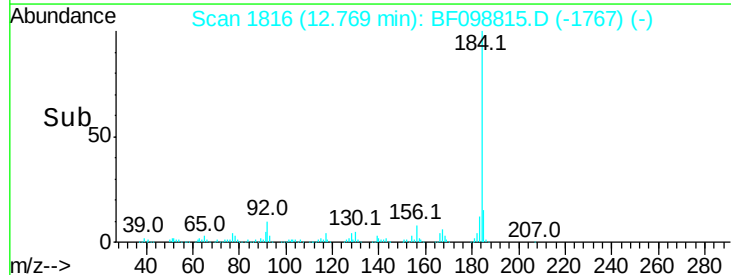
183 11.8 9.3 13.9

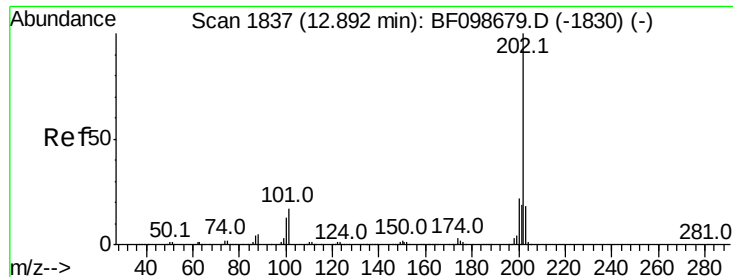


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

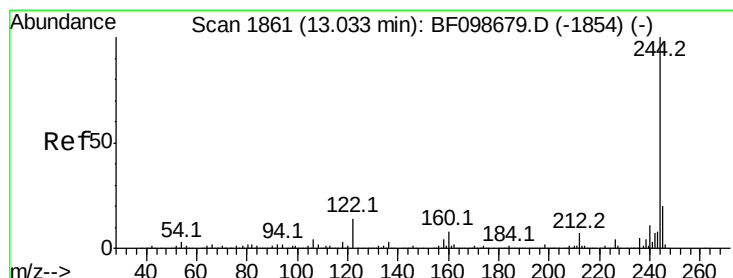
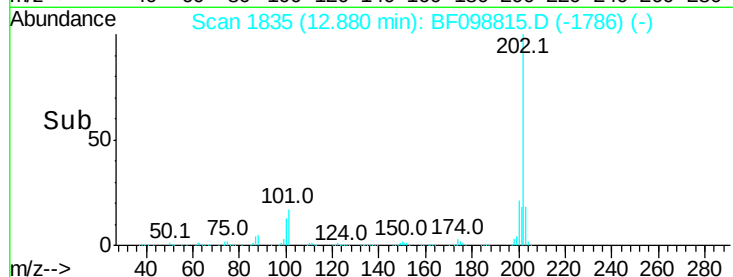
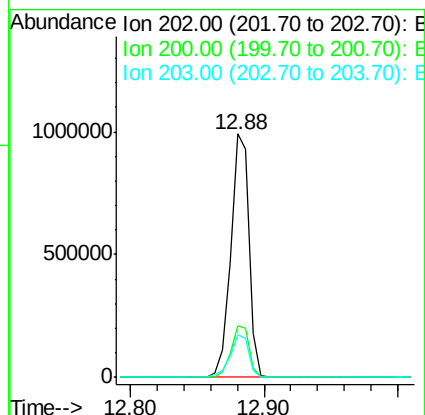
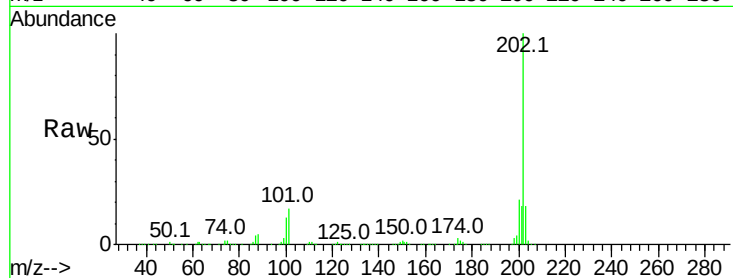




#77
Pvrene
Concen: 50.104 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

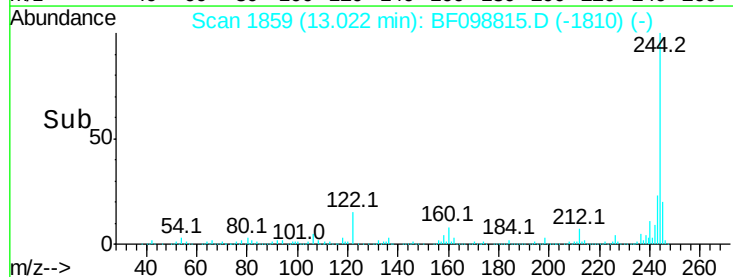
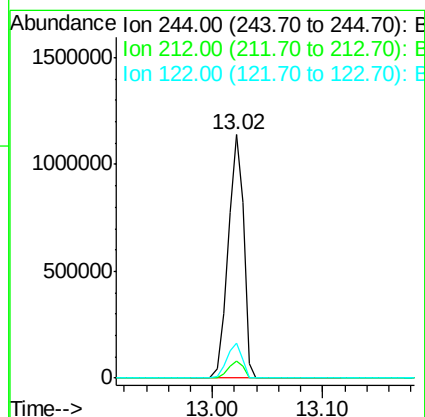
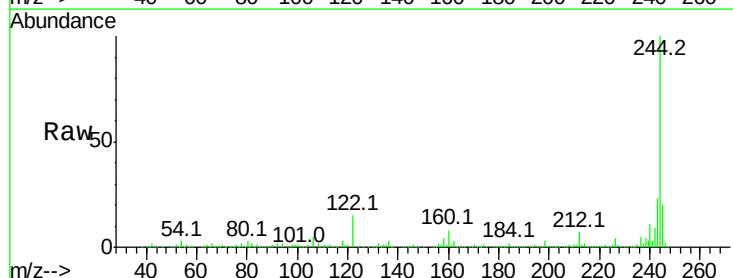
Instrument :
BNA_F
ClientSampleId :

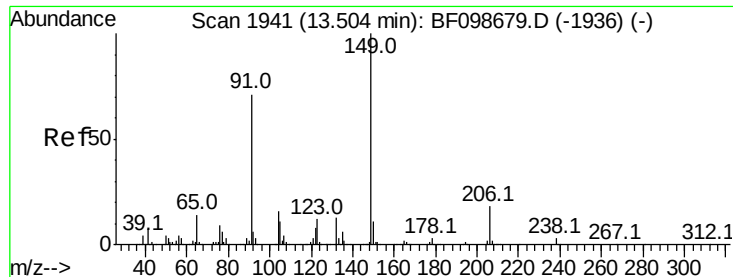
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.8	14.3	21.5



#78
Terphenyl-d14
Concen: 101.442 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.6	11.0	16.4

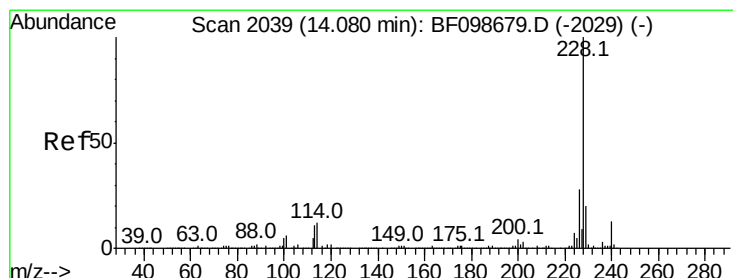
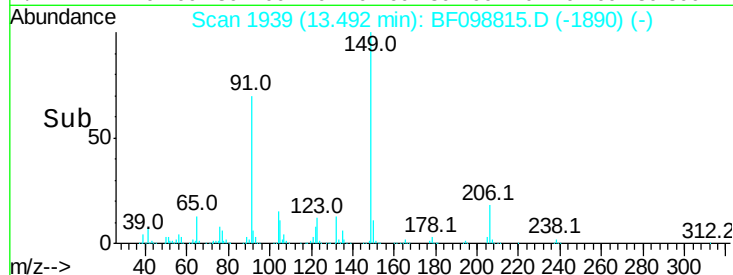
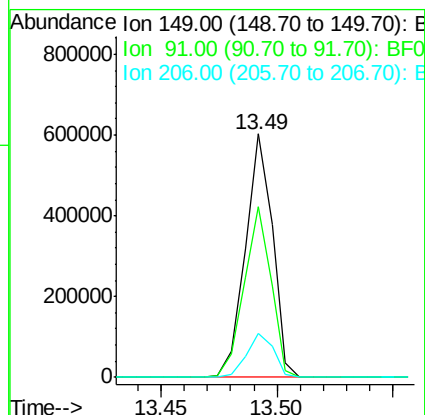
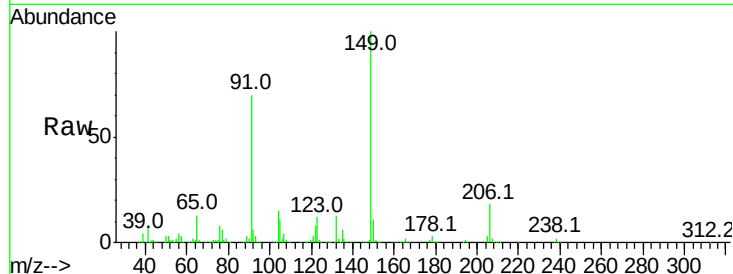




#79
 Butylbenzylphthalate
 Concen: 55.296 ng
 RT: 13.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

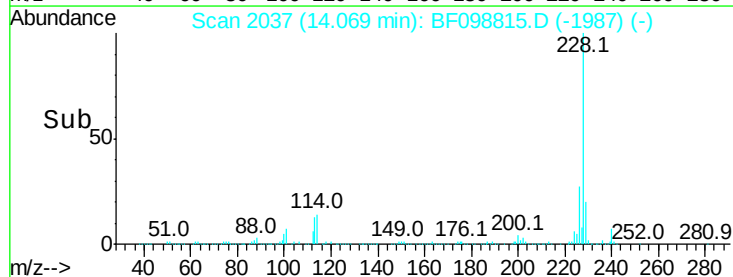
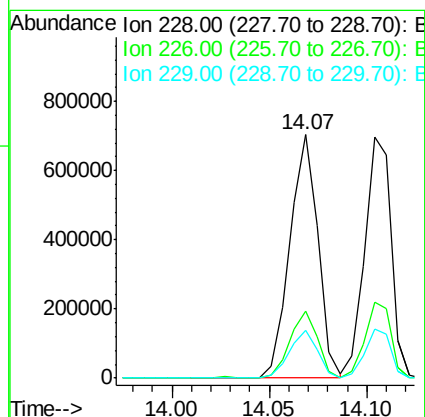
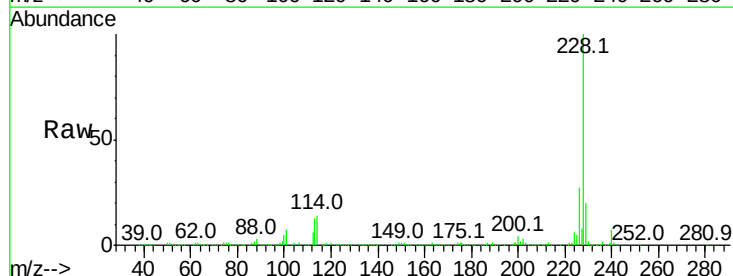
Instrument :
 BNA_F
 ClientSampleId :

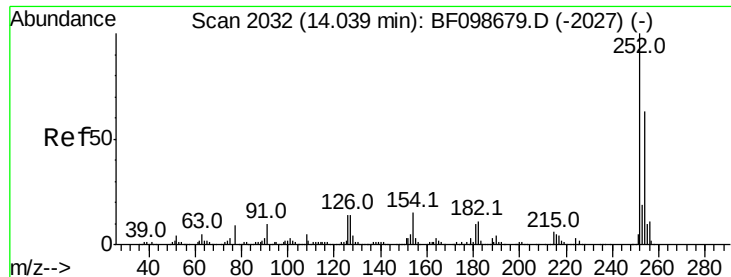
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	56.8	85.2
206	18.0	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 46.134 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	15.8	23.6

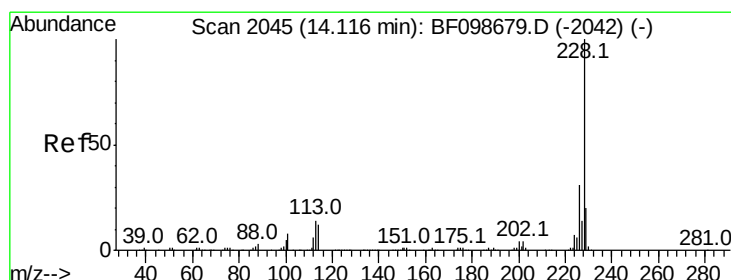
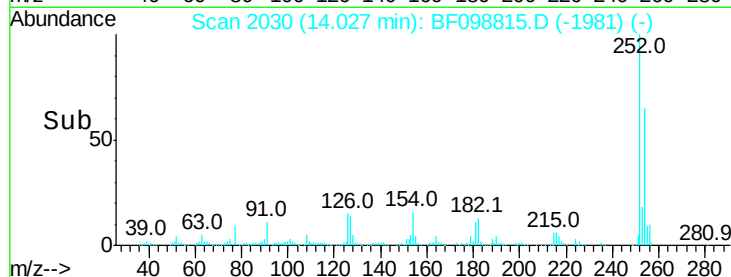
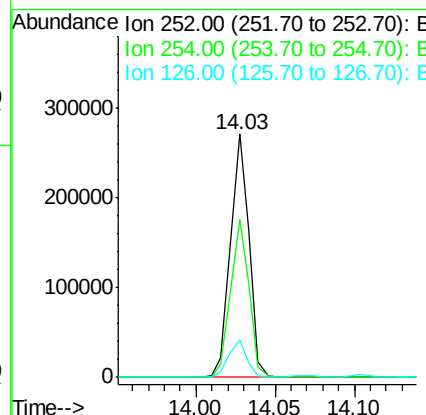
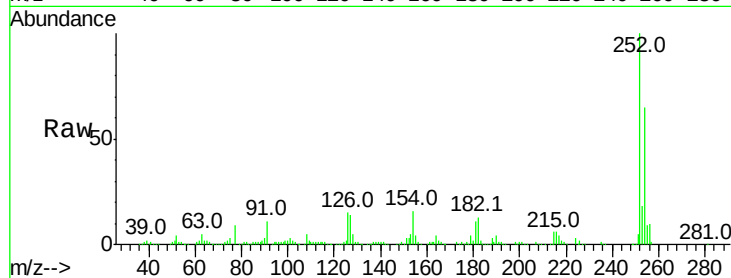




#81
 3,3'-Dichlorobenzidine
 Concen: 39.553 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

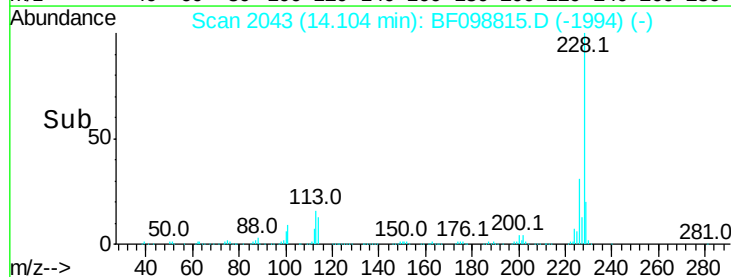
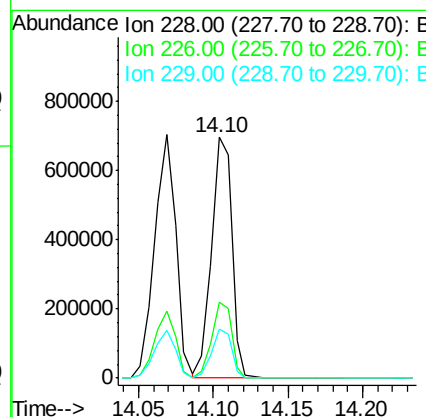
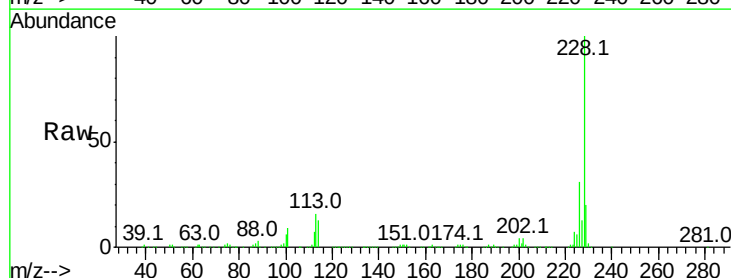
Instrument :
 BNA_F
 ClientSampleId :

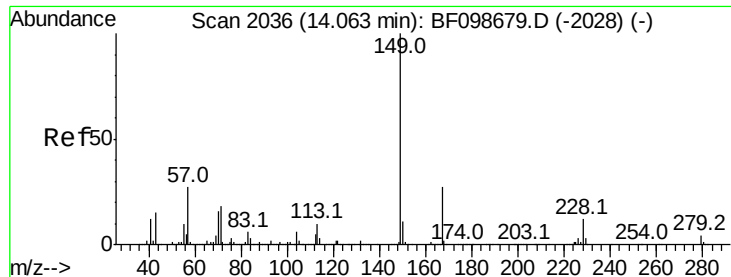
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	15.5	11.3	16.9



#82
 Chrysene
 Concen: 45.347 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF098815.D
 Acq: 26 Sep 2017 7:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.118 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

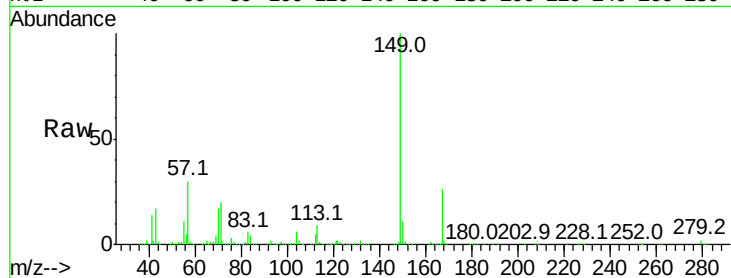
Tot Ion:149 Resp: 693161

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

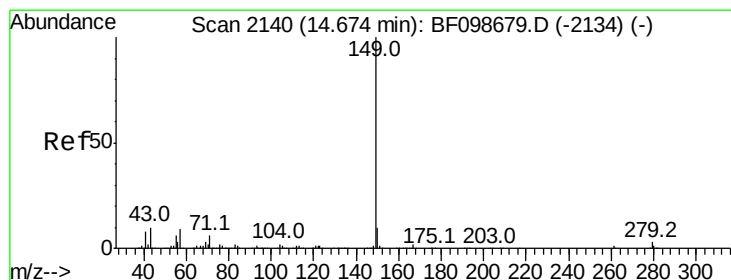
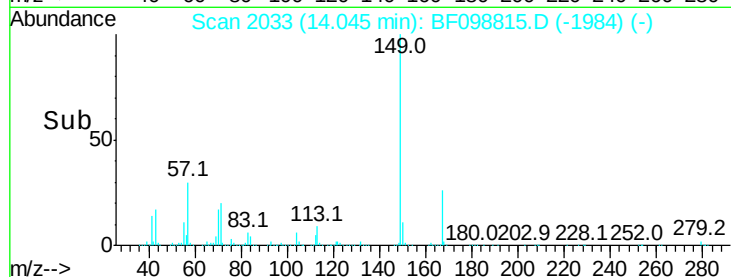
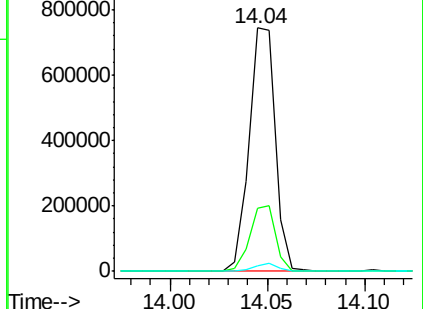
279 2.5 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.677 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

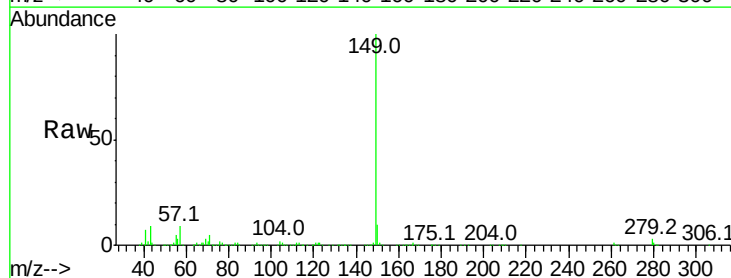
Tgt Ion:149 Resp: 1027814

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

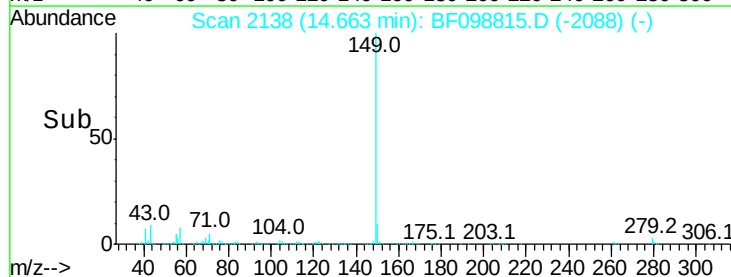
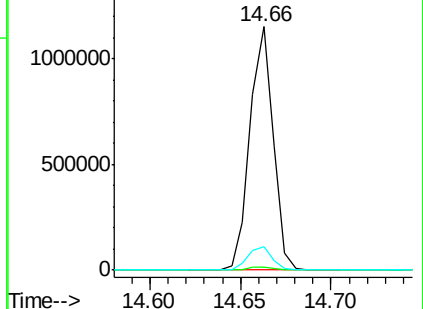
43 9.6 8.4 12.6

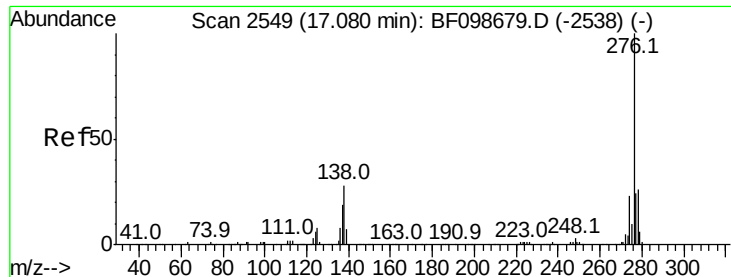


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

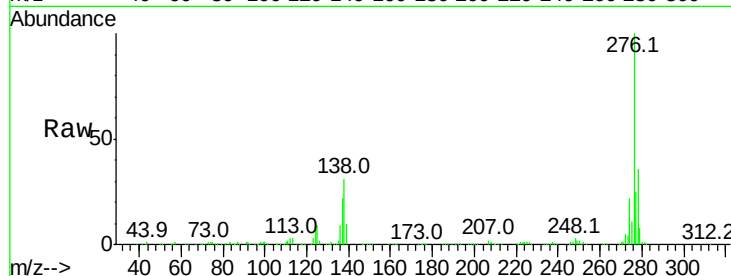




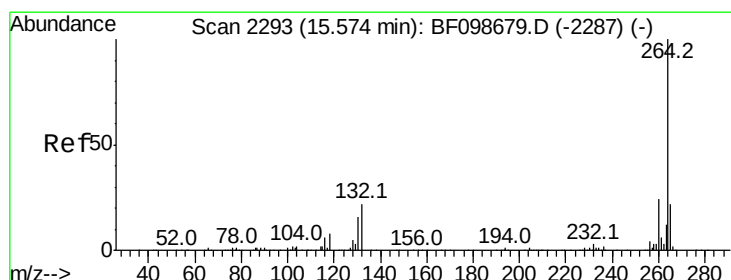
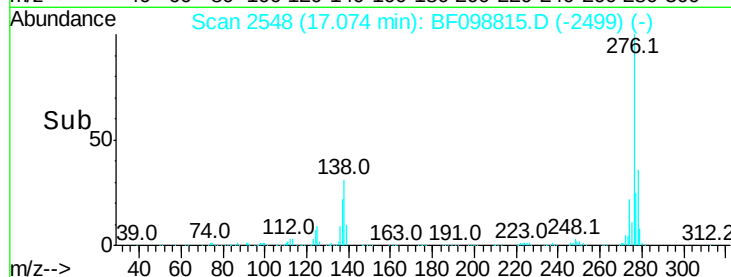
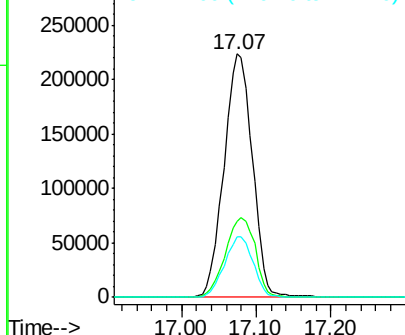
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.365 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.0	37.6
277	25.0	20.1	30.1

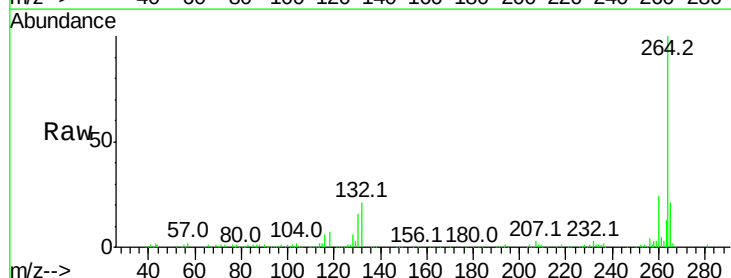


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

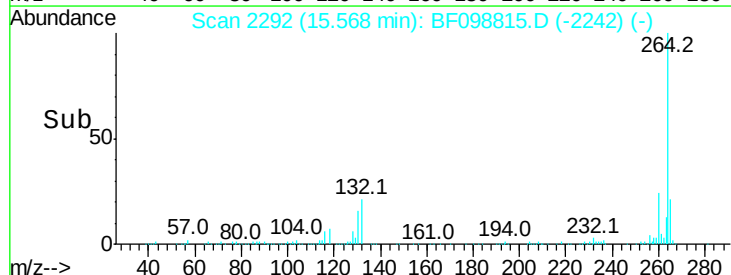
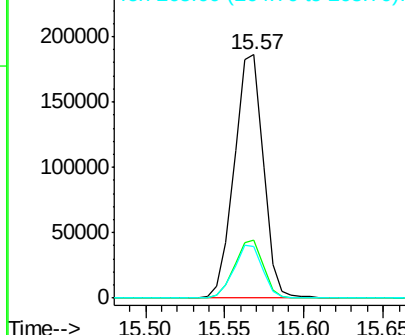


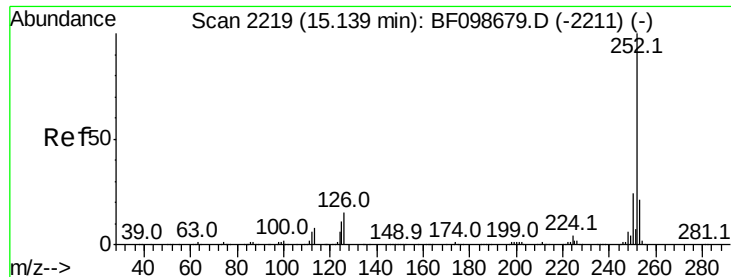
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 41.024 ng

RT: 15.16 min Scan# 2223

Delta R.T. 0.02 min

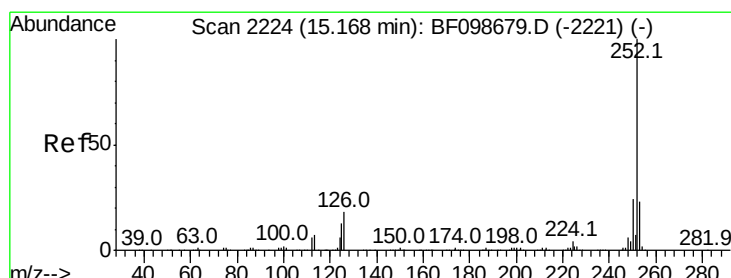
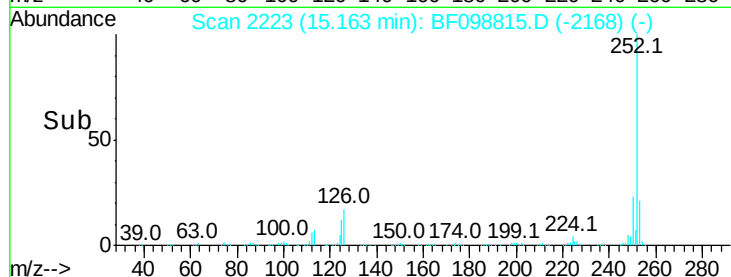
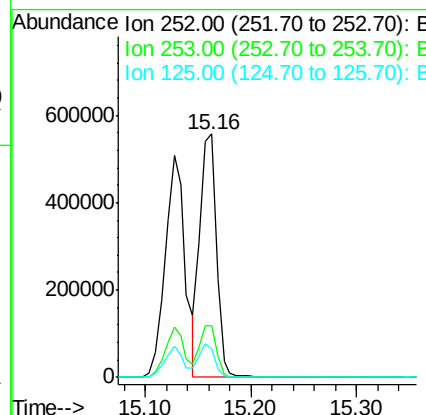
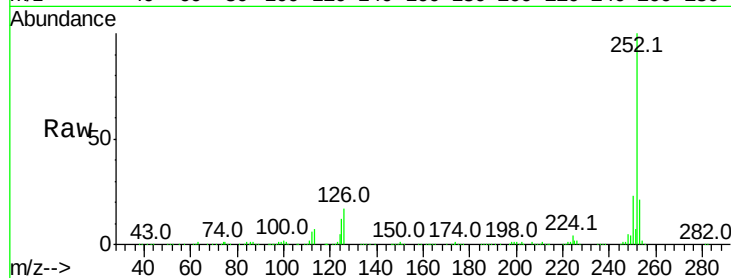
Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 597047

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	11.7	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 41.535 ng

RT: 15.16 min Scan# 2223

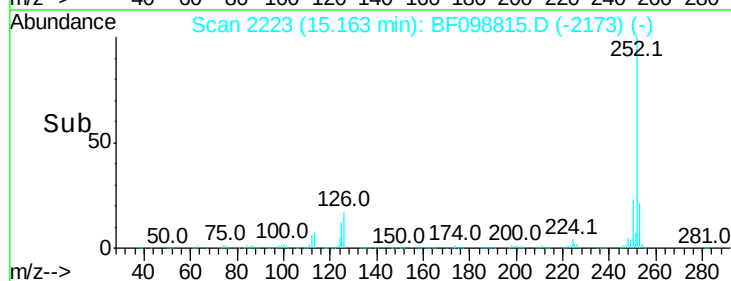
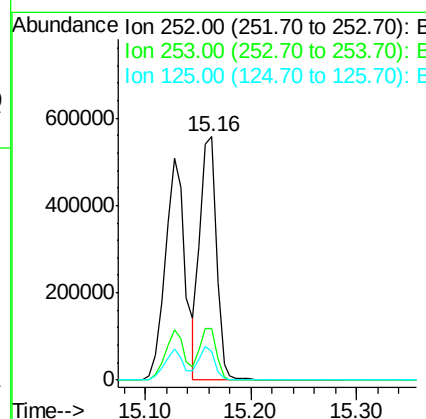
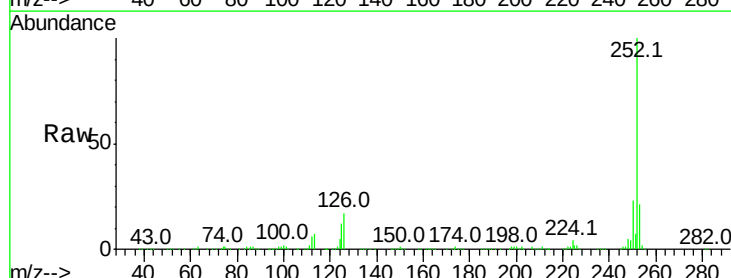
Delta R.T. -0.01 min

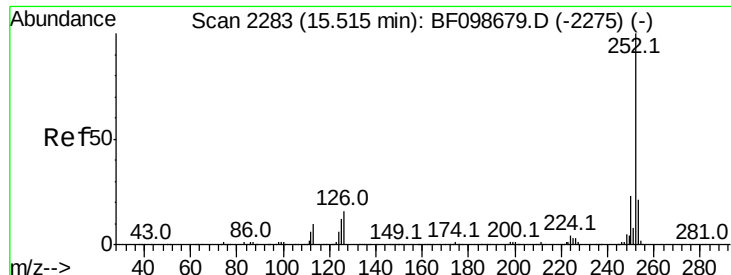
Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Tgt Ion:252 Resp: 597047

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	11.7	10.2	15.2

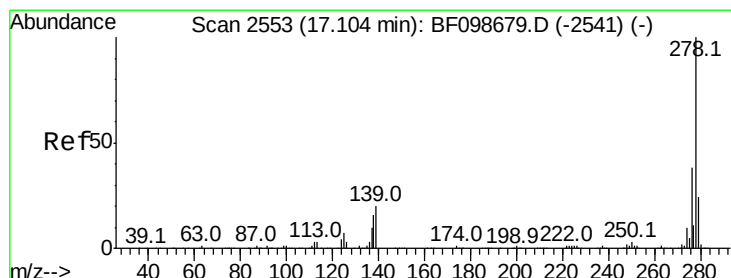
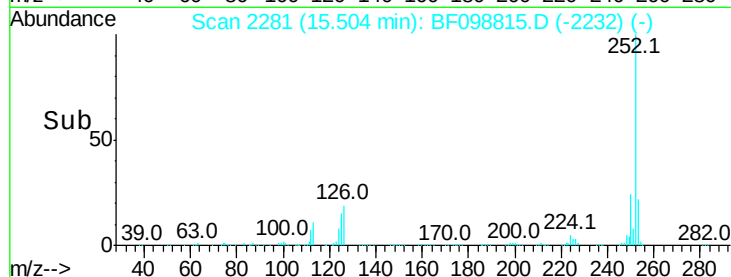
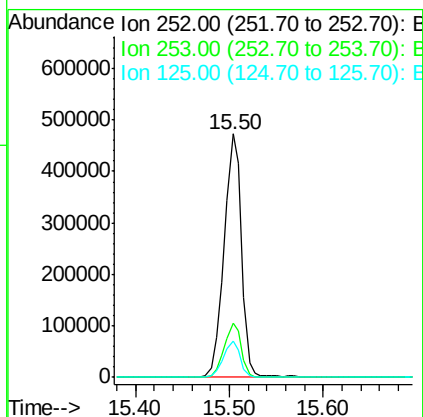
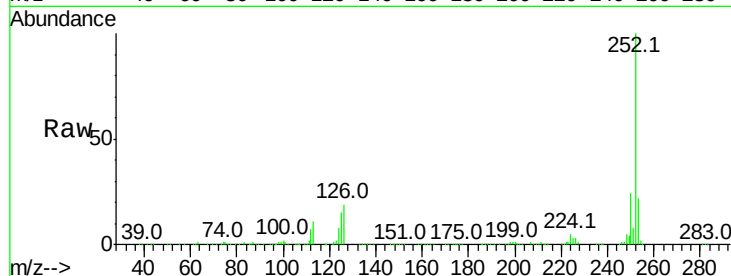




#89
Benzo(a)pyrene
Concen: 45.851 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

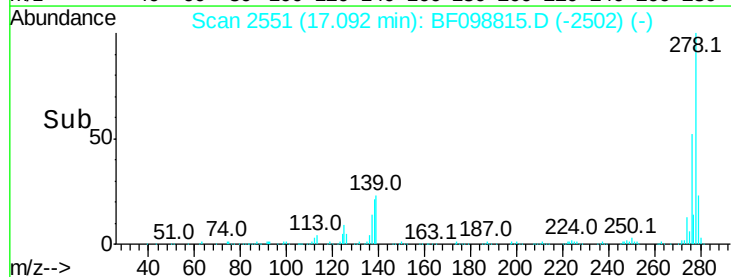
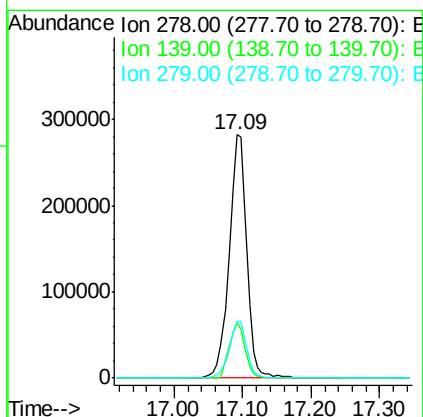
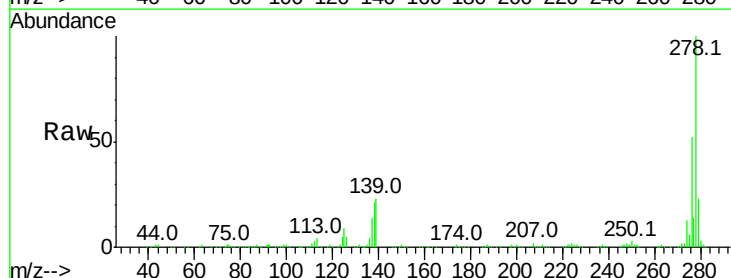
Instrument :
BNA_F
ClientSampleId :

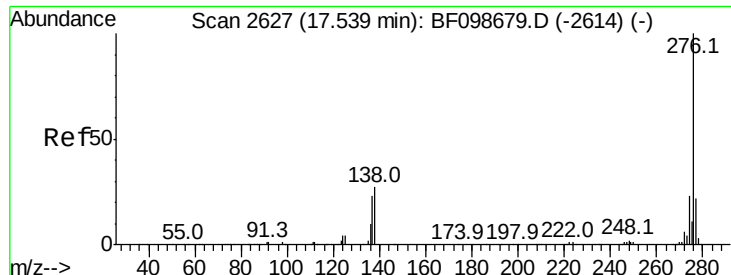
Tot Ion:252 Resp: 612532
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 15.0 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 47.274 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF098815.D
Acq: 26 Sep 2017 7:06

Tgt Ion:278 Resp: 505423
Ion Ratio Lower Upper
278 100
139 22.9 15.9 23.9
279 23.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.710 ng

RT: 17.53 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BF098815.D

Acq: 26 Sep 2017 7:06

Instrument :

BNA_F

ClientSampleId :

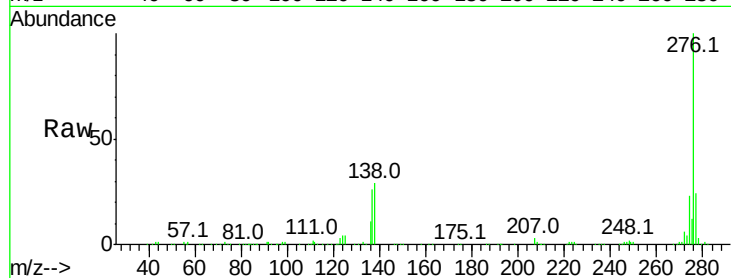
Tot Ion:276 Resp: 461938

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 29.5 21.8 32.8



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

