

Data Path : Z:\HPCHEM1\BNA_F\Data\BF091817\
 Data File : BF098598.D
 Acq On : 18 Sep 2017 13:22
 Operator : SJ/JU
 Sample : I5236-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091317

Quant Time: Sep 18 13:49:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	122390	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	556370	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	267218	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	535904	20.00	ng	0.00
75) Chrysene-d12	13.78	240	390286	20.00	ng	0.00
86) Perylene-d12	15.17	264	302217	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1064715	128.62	ng	0.02
7) Phenol-d6	6.29	99	1256134	119.52	ng	0.00
23) Nitrobenzene-d5	7.20	82	909799	91.16	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	348682	195.51	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1636202	103.78	ng	0.00
78) Terphenyl-d14	12.74	244	1702503	94.16	ng	0.00

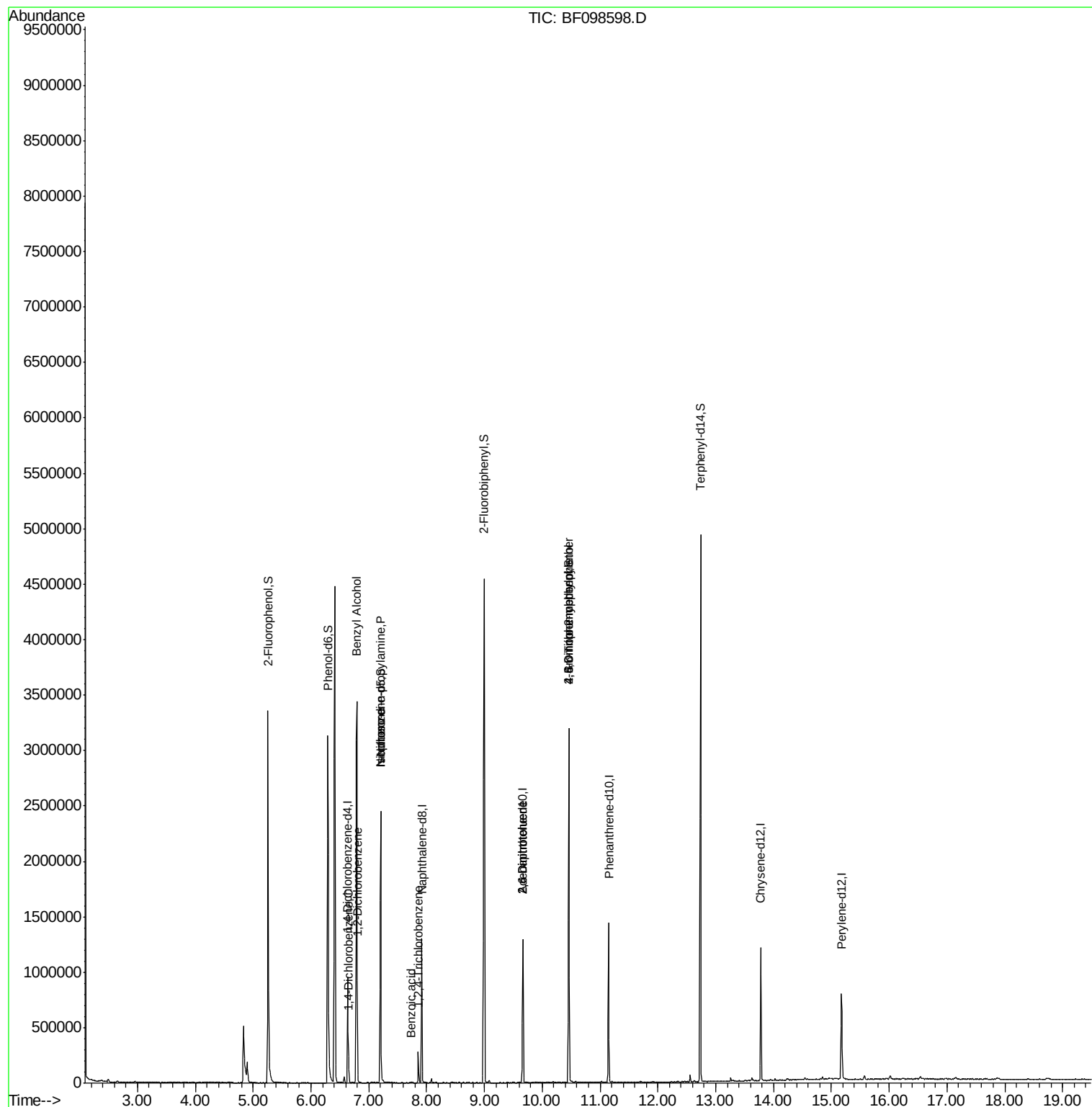
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) 1,4-Dichlorobenzene	6.65	146	51615	5.500	ng	96
14) 1,2-Dichlorobenzene	6.80	146	26695	3.122	ng	96
15) Benzyl Alcohol	6.79	79	15444	2.208	ng	# 34
19) n-Nitroso-di-n-propylamine	7.20	70	123397	18.665	ng	# 78
25) Isophorone	7.20	82	909793	45.058	ng	# 67
30) 1,2,4-Trichlorobenzene	7.86	180	55540	7.016	ng	99
32) Benzoic acid	7.73	122	746	8.075	ng	# 82
50) 2,6-Dinitrotoluene	9.66	165	32916	7.747	ng	# 34
56) 2,4-Dinitrotoluene	9.66	165	32916	6.372	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.46	198	912	5.213	ng	# 9
66) 4-Bromophenyl-phenylether	10.46	248	26635	5.237	ng	# 1

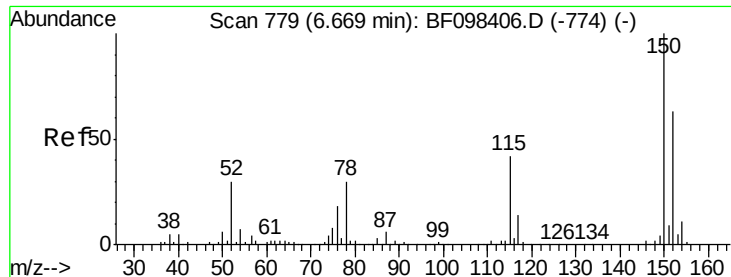
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF091817\
Data File : BF098598.D
Acq On : 18 Sep 2017 13:22
Operator : SJ/JU
Sample : I5236-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-091317

Quant Time: Sep 18 13:49:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

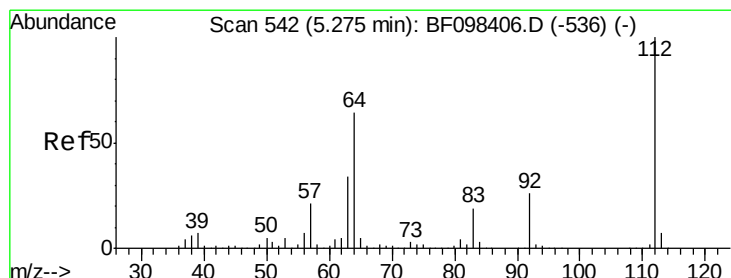
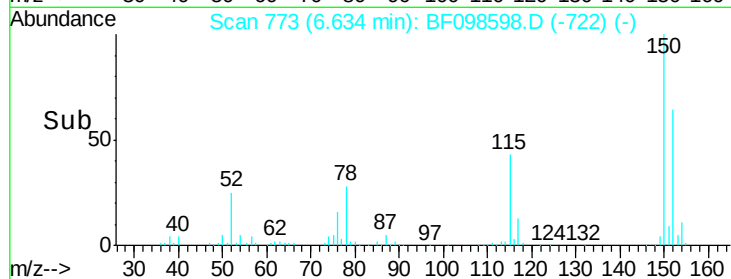
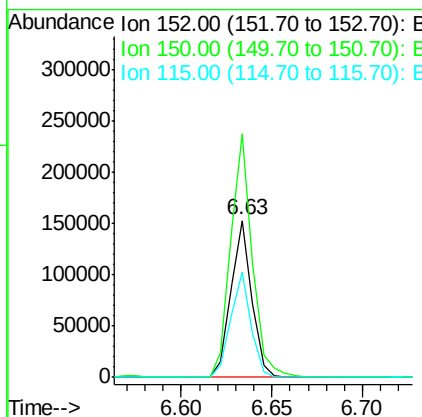
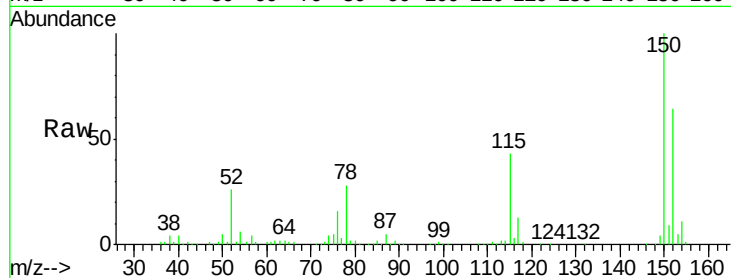




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

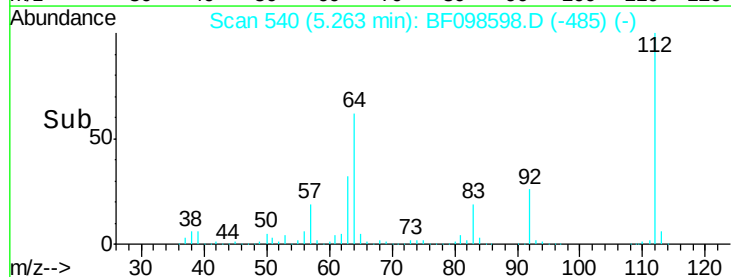
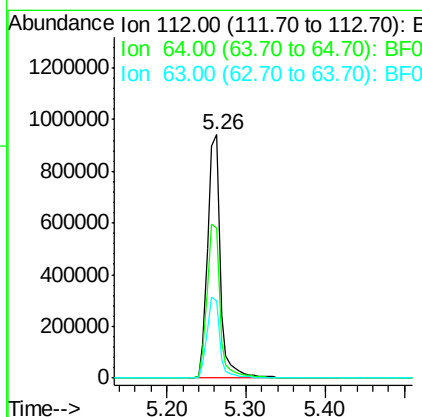
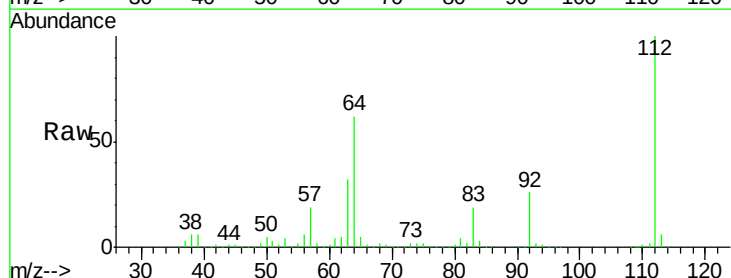
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091317

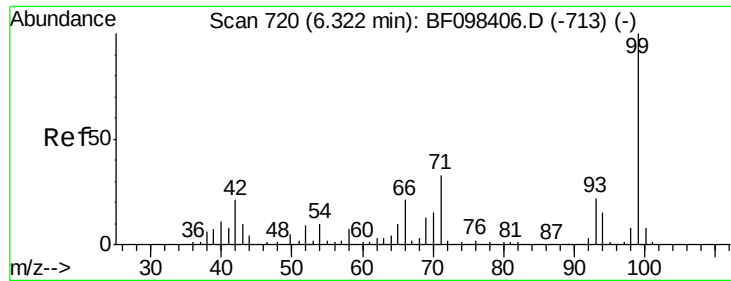
Tgt Ion:152 Resp: 122390
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.2 189.2
 115 66.9 52.2 78.2



#5
 2-Fluorophenol
 Concen: 128.622 ng
 RT: 5.26 min Scan# 540
 Delta R.T. 0.02 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Tgt Ion:112 Resp: 1064715
 Ion Ratio Lower Upper
 112 100
 64 61.5 46.0 69.0
 63 31.5 23.4 35.0





#7

Phenol-d6

Concen: 119.517 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

Instrument :

BNA_F

ClientSampleId :

TR-04-091317

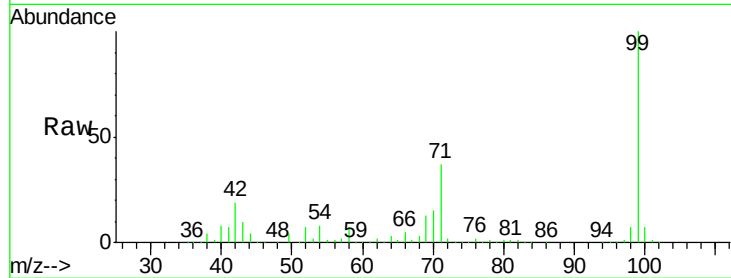
Tgt Ion: 99 Resp: 1256134

Ion Ratio Lower Upper

99 100

42 19.4 13.5 20.3

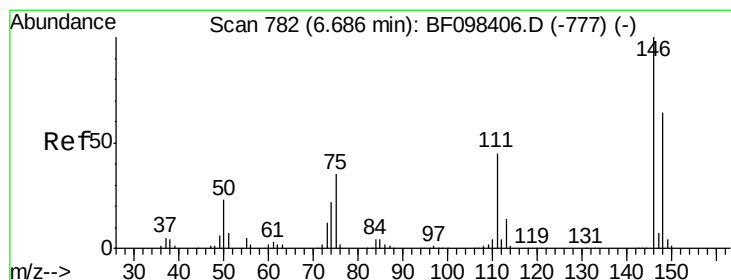
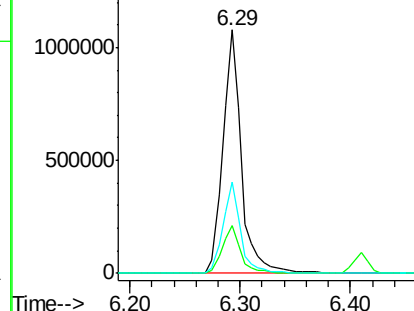
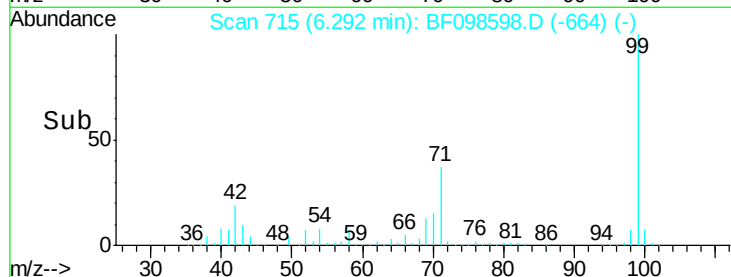
71 37.3 24.5 36.7#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#13

1,4-Dichlorobenzene

Concen: 5.500 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

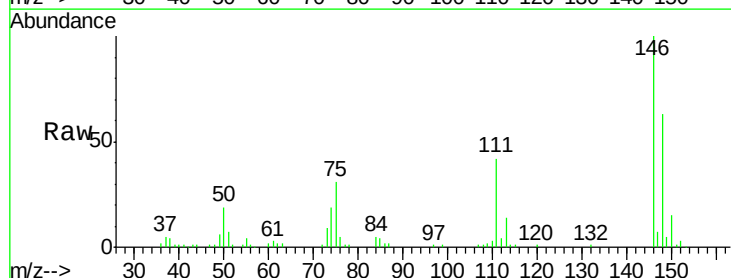
Tgt Ion: 146 Resp: 51615

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.2

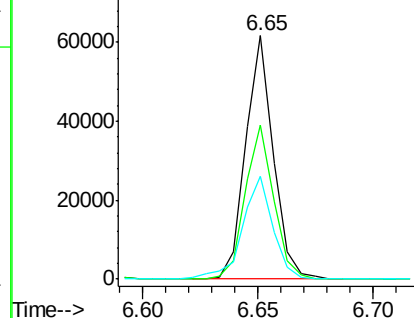
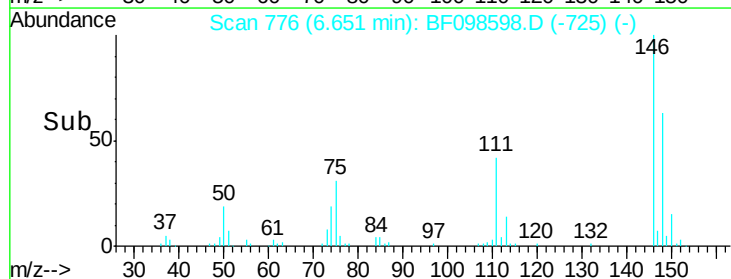
111 42.3 30.3 45.5

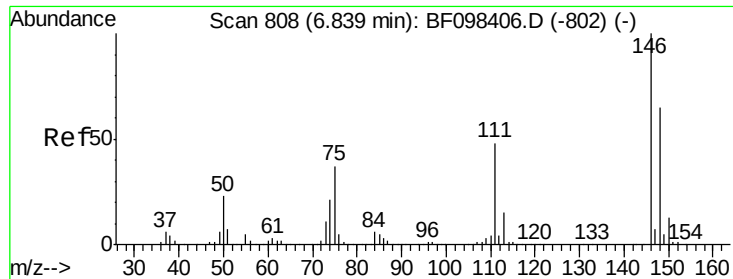


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

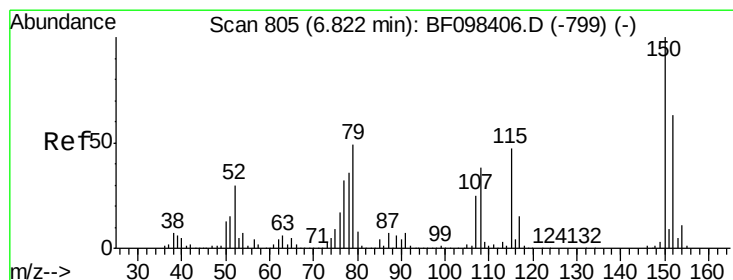
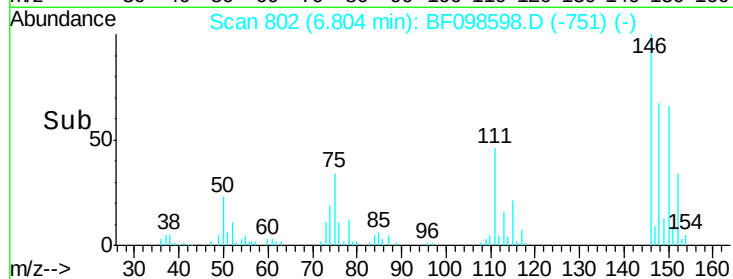
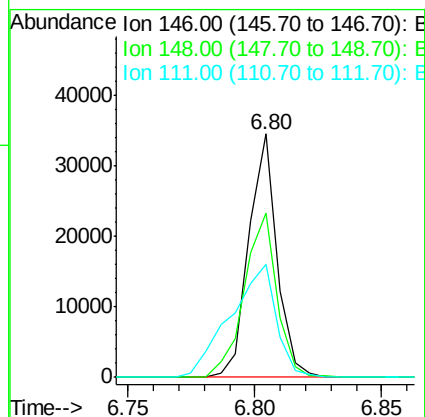
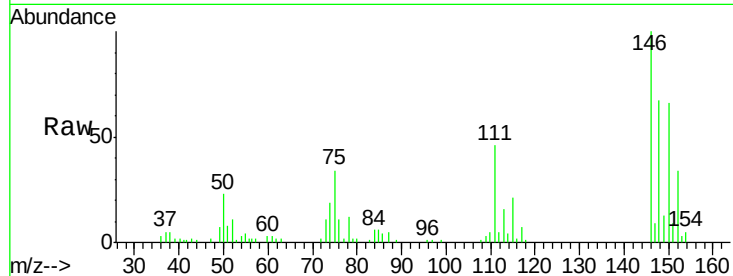




#14
 1,2-Dichlorobenzene
 Concen: 3.122 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

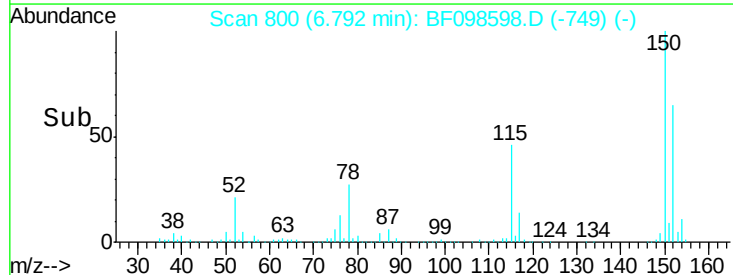
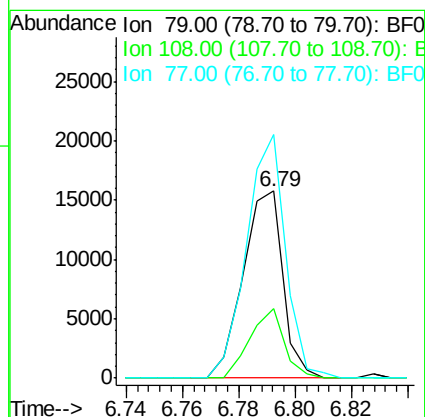
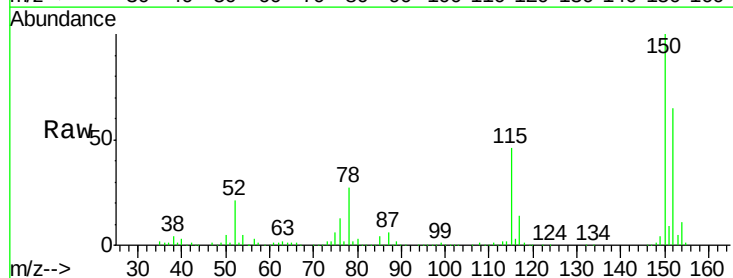
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091317

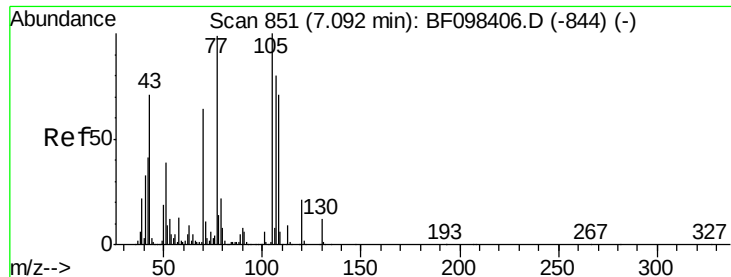
Tgt Ion:146 Resp: 26695
 Ion Ratio Lower Upper
 146 100
 148 67.5 50.4 75.6
 111 46.3 38.2 57.4



#15
 Benzyl Alcohol
 Concen: 2.208 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Tgt Ion: 79 Resp: 15444
 Ion Ratio Lower Upper
 79 100
 108 37.1 63.4 95.0#
 77 130.1 49.2 73.8#

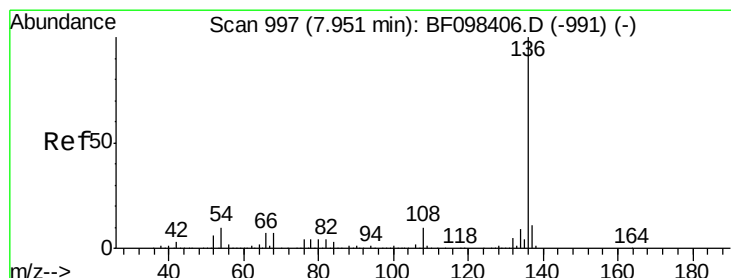
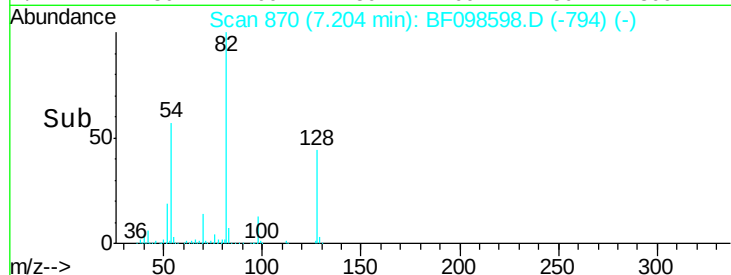
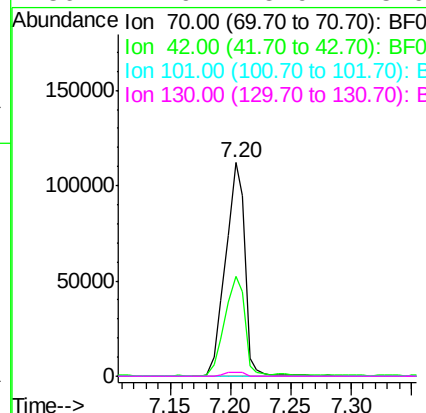
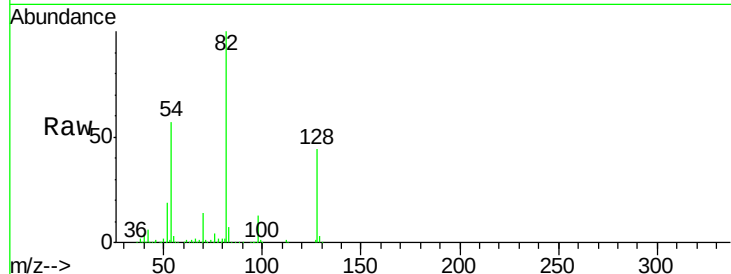




#19
n-Nitroso-di-n-propylamine
Concen: 18.665 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.15 min
Lab File: BF098598.D
Acq: 18 Sep 2017 13:22

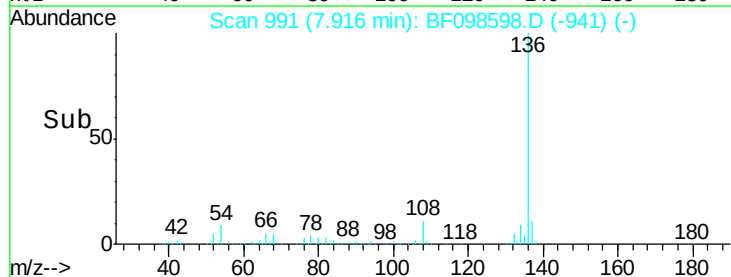
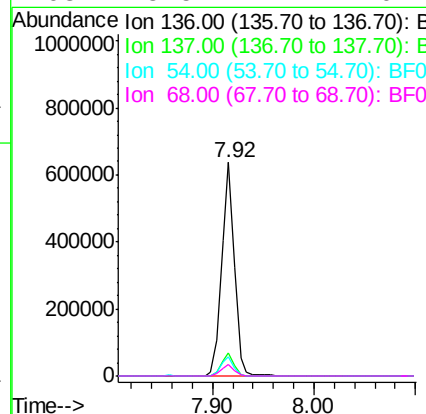
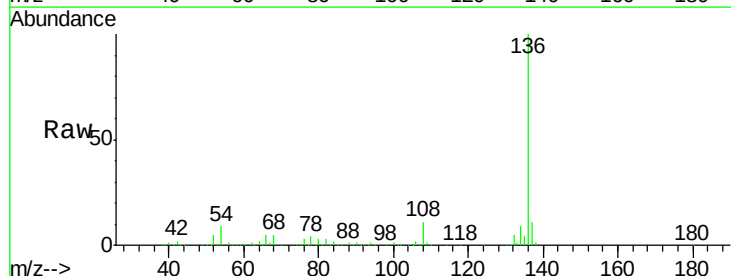
Instrument :
BNA_F
ClientSampleId :
TR-04-091317

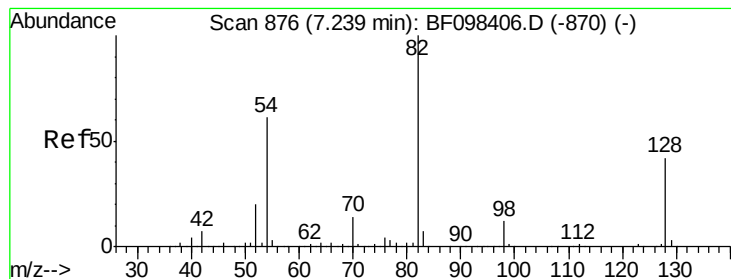
Tgt Ion: 70 Resp: 123397
Ion Ratio Lower Upper
70 100
42 47.0 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098598.D
Acq: 18 Sep 2017 13:22

Tgt Ion: 136 Resp: 556370
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 8.9 4.9 7.3#
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 91.164 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

Instrument :

BNA_F

ClientSampleId :

TR-04-091317

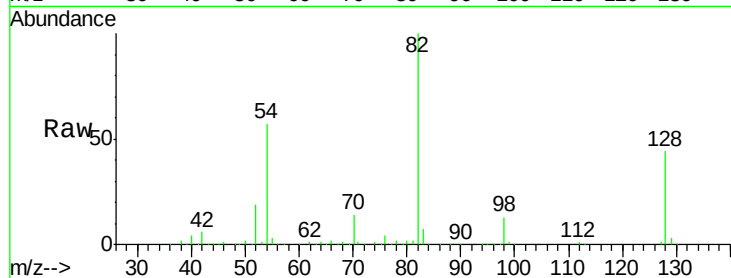
Tgt Ion: 82 Resp: 909799

Ion Ratio Lower Upper

82 100

128 44.4 34.0 51.0

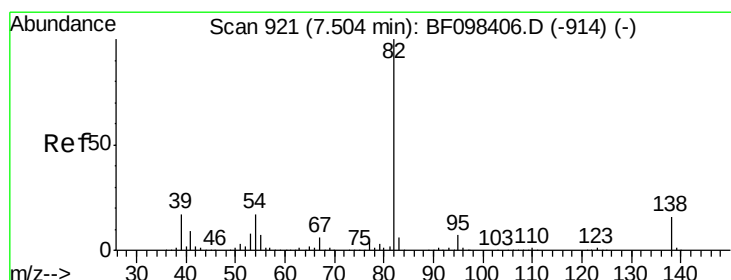
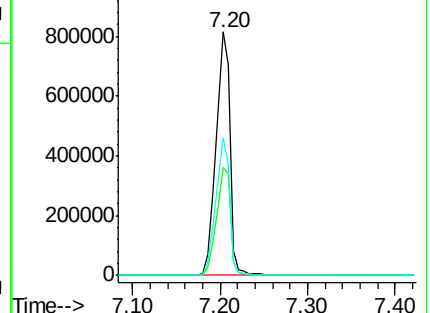
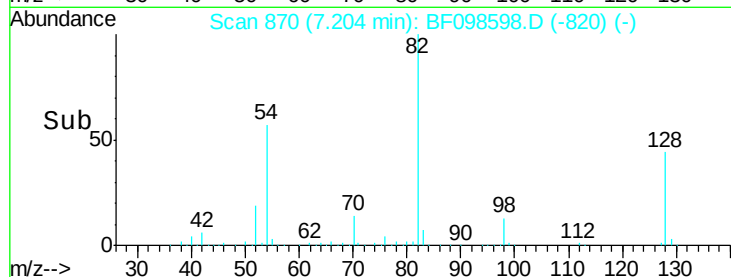
54 56.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 45.058 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.26 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

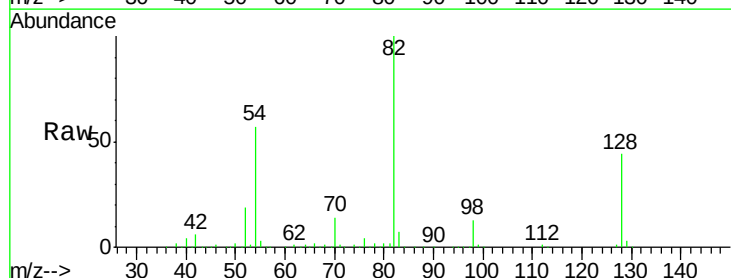
Tgt Ion: 82 Resp: 909793

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

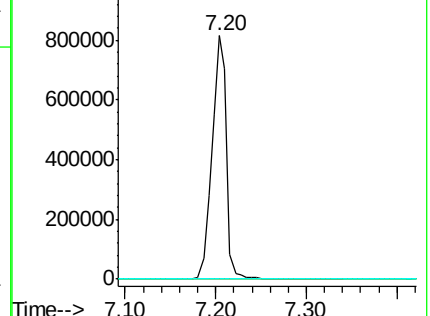
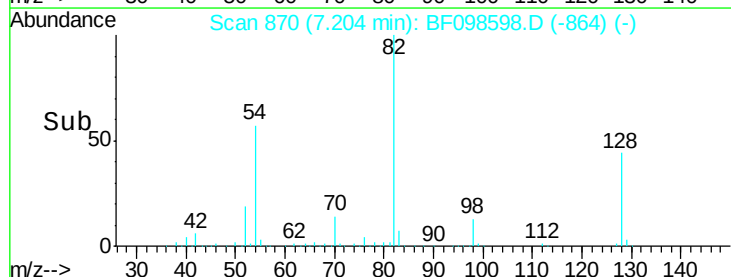
138 0.0 13.1 19.7#

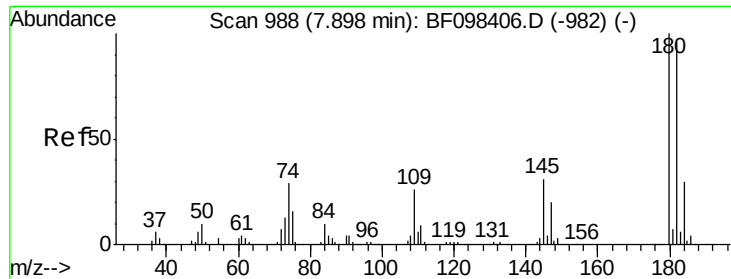


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

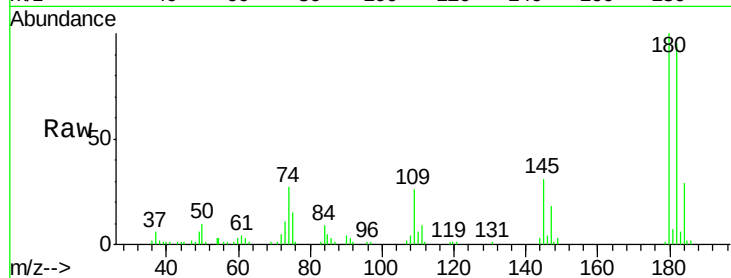




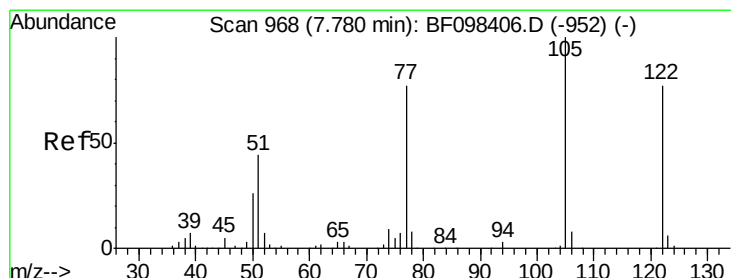
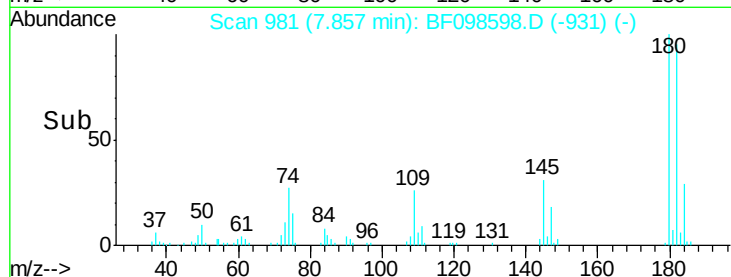
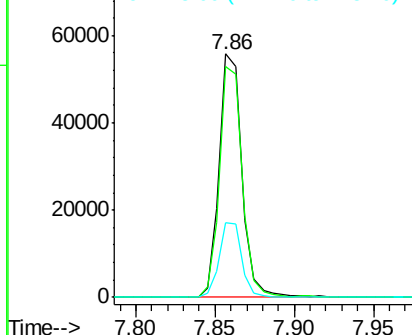
#30
 1,2,4-Trichlorobenzene
 Concen: 7.016 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091317

Tgt Ion:180 Resp: 55540
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.8 113.6
 145 30.7 25.3 37.9

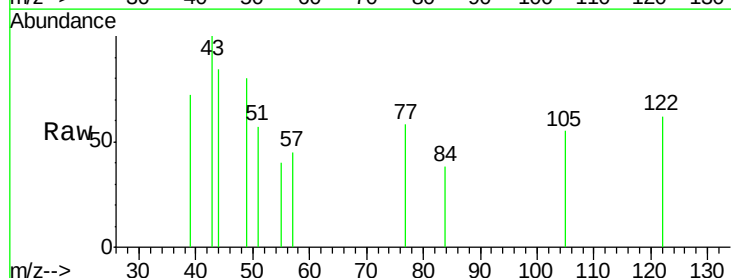


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

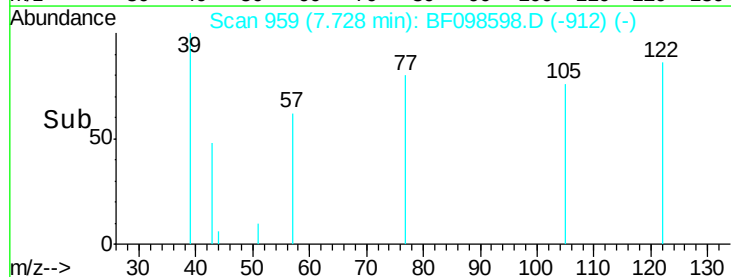
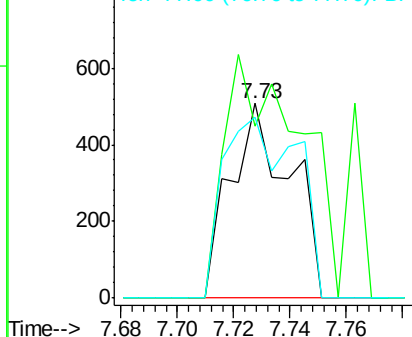


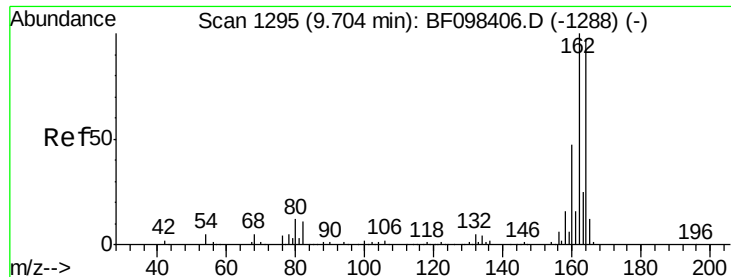
#32
 Benzoic acid
 Concen: 8.075 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Tgt Ion:122 Resp: 746
 Ion Ratio Lower Upper
 122 100
 105 88.4 103.3 143.3#
 77 92.9 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0

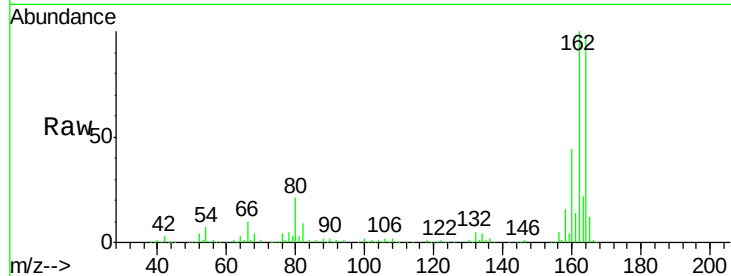




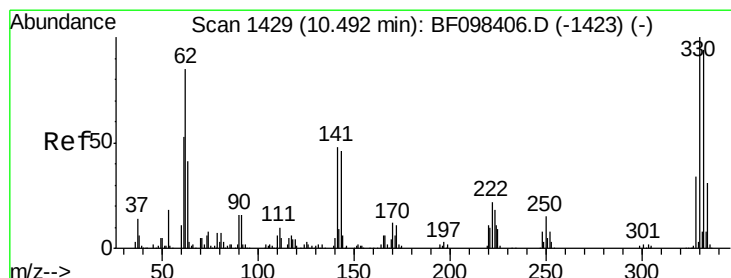
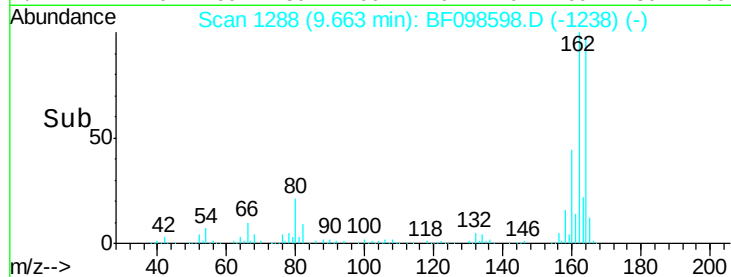
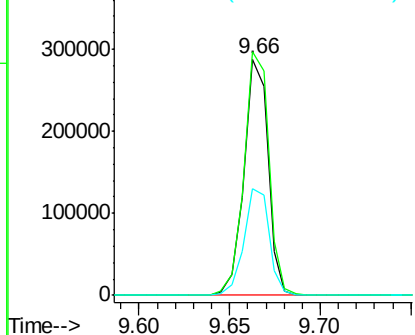
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF098598.D
Acq: 18 Sep 2017 13:22

Instrument :
BNA_F
ClientSampleId :
TR-04-091317

Tgt Ion:164 Resp: 267218
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 45.0 36.2 54.2

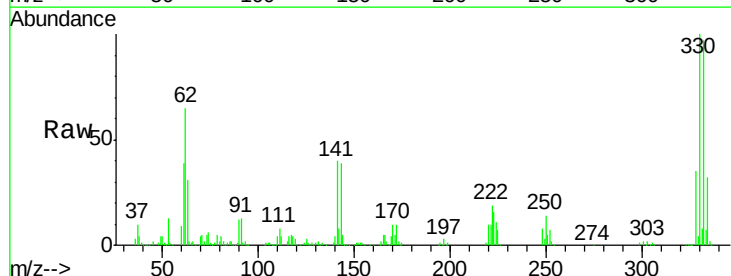


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

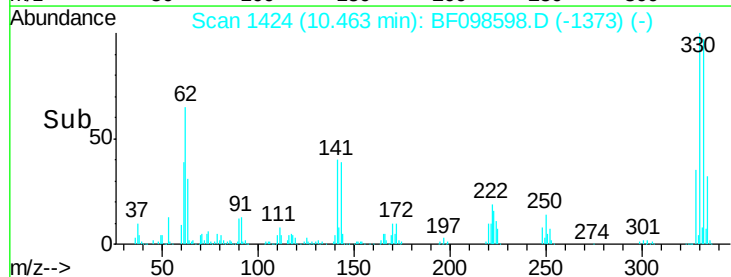
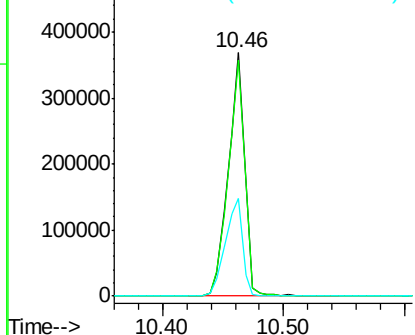


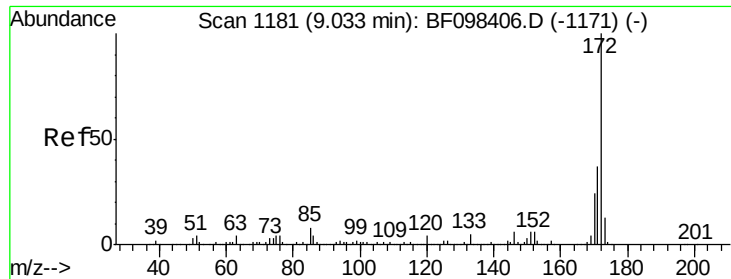
#41
2,4,6-Tribromophenol
Concen: 195.508 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF098598.D
Acq: 18 Sep 2017 13:22

Tgt Ion:330 Resp: 348682
Ion Ratio Lower Upper
330 100
332 98.3 76.6 115.0
141 42.5 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

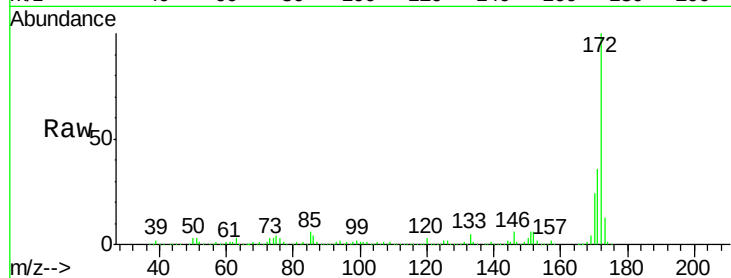




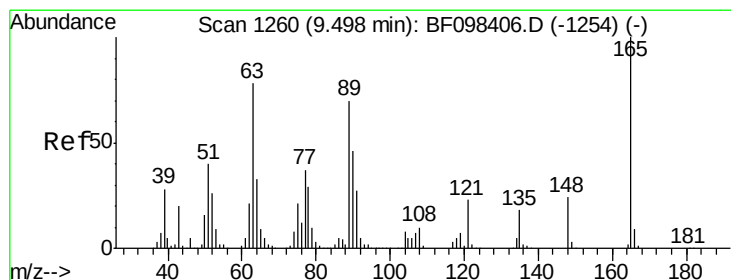
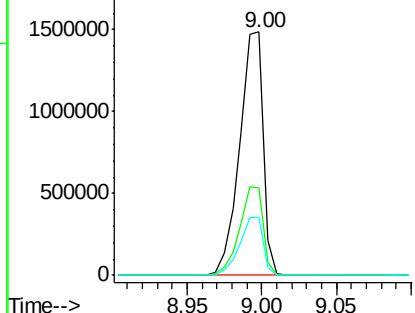
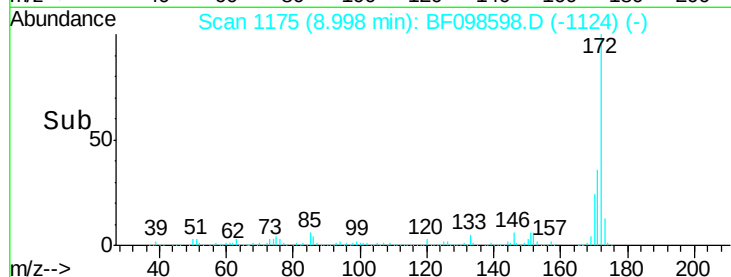
#44
 2-Fluorobiphenyl
 Concen: 103.781 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091317

Tgt Ion:172 Resp: 1636202
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.0 19.8 29.8

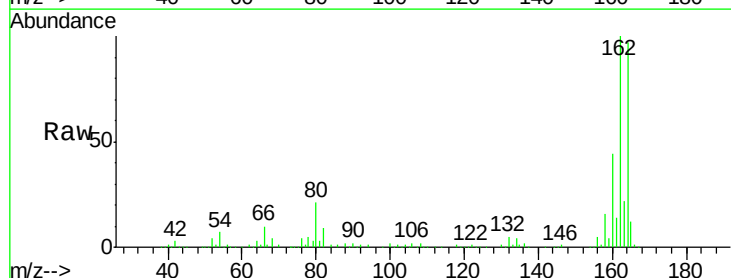


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

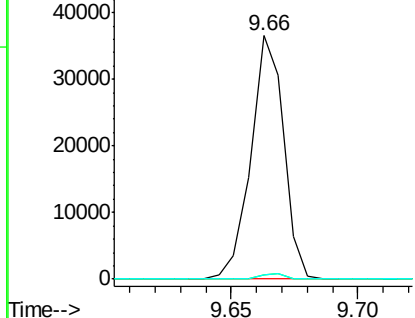
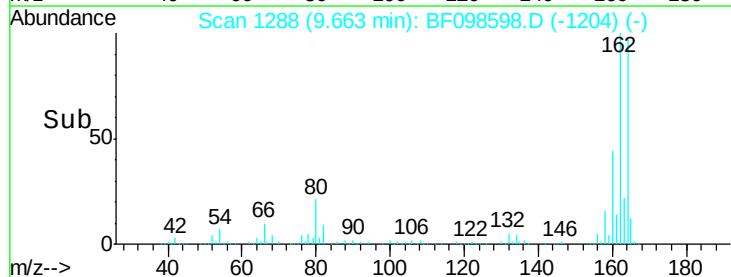


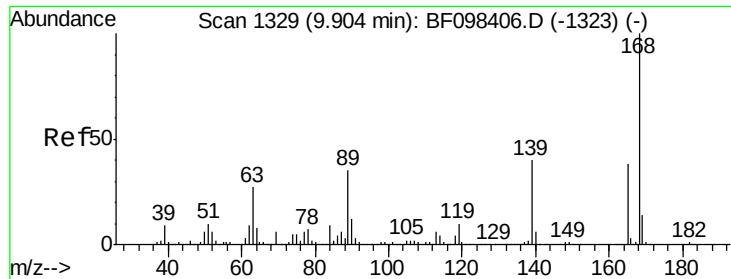
#50
 2,6-Dinitrotoluene
 Concen: 7.747 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. 0.19 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Tgt Ion:165 Resp: 32916
 Ion Ratio Lower Upper
 165 100
 63 1.9 34.3 51.5#
 89 1.8 37.1 55.7#



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

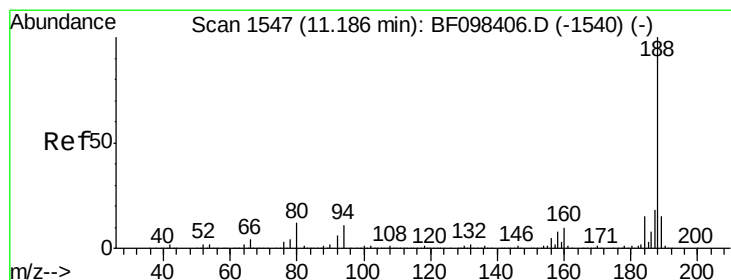
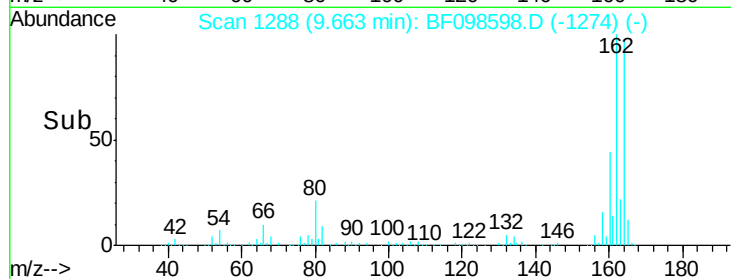
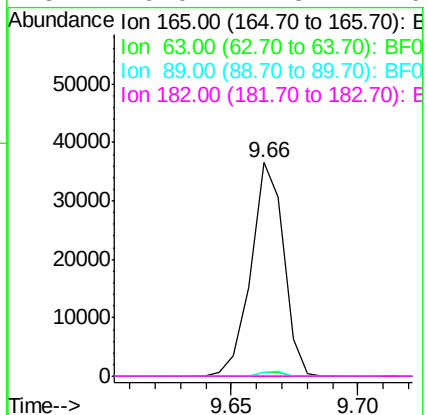
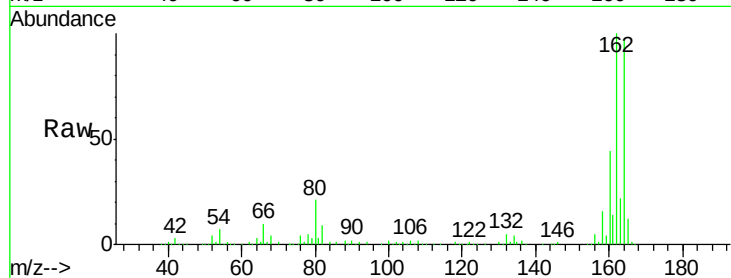




#56
 2,4-Dinitrotoluene
 Concen: 6.372 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.22 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

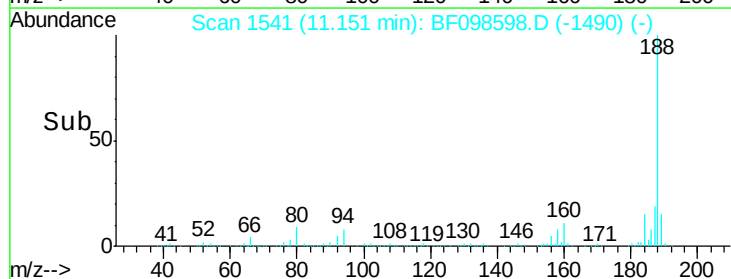
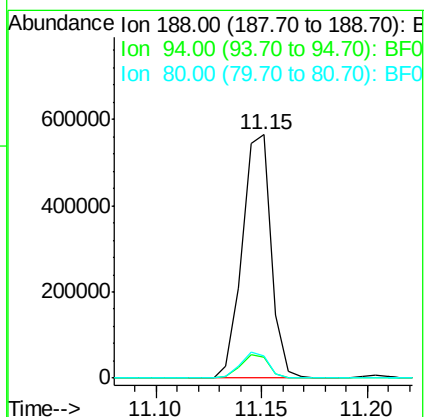
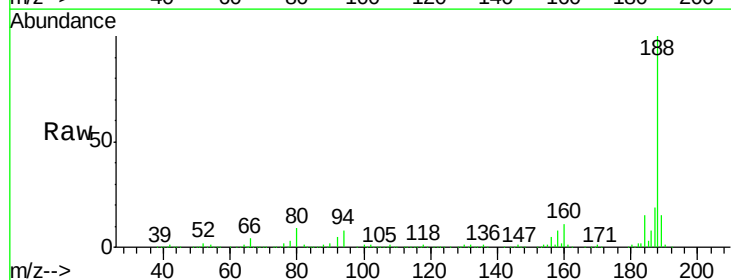
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091317

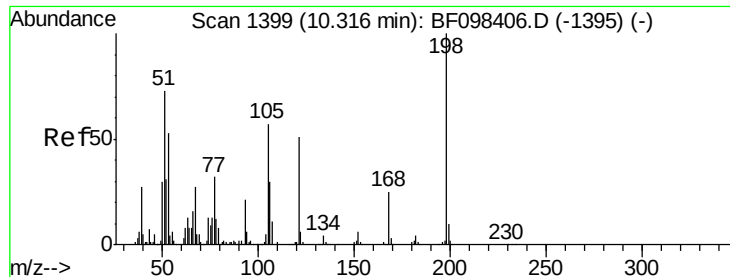
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.4	14.2#
80	9.1	10.2	15.2#

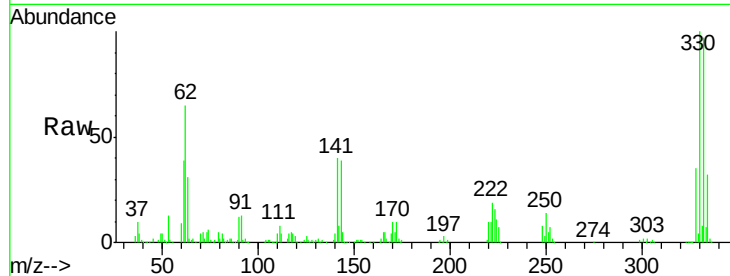




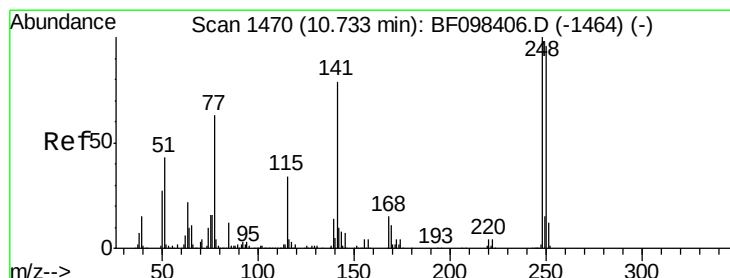
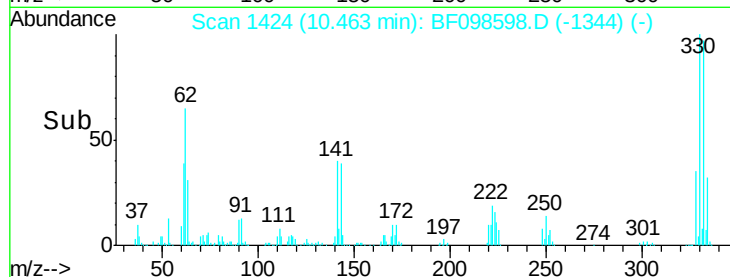
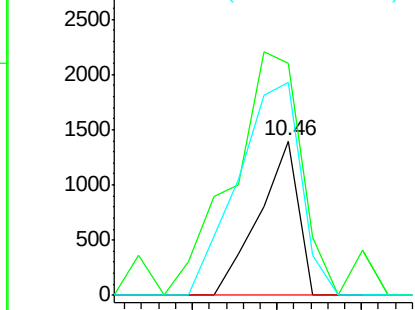
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.213 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.17 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091317

Tgt Ion:198 Resp: 912
 Ion Ratio Lower Upper
 198 100
 51 150.1 53.2 93.2#
 105 137.9 45.8 85.8#

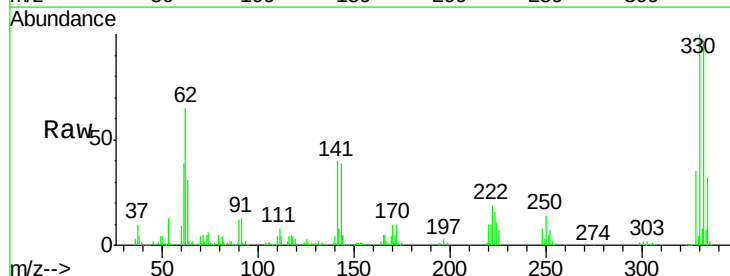


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

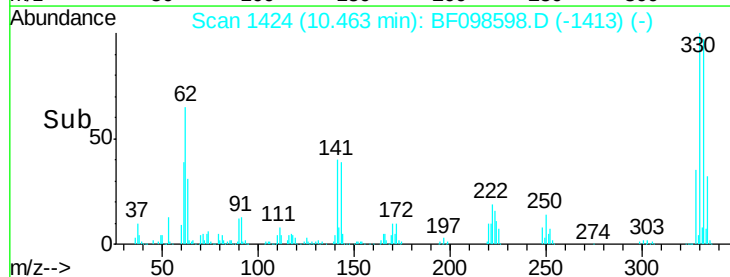
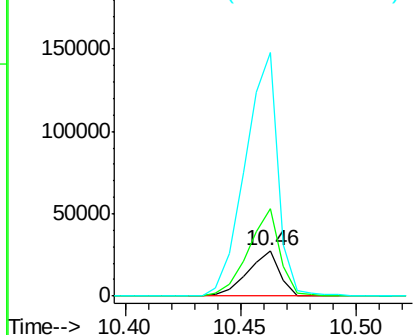


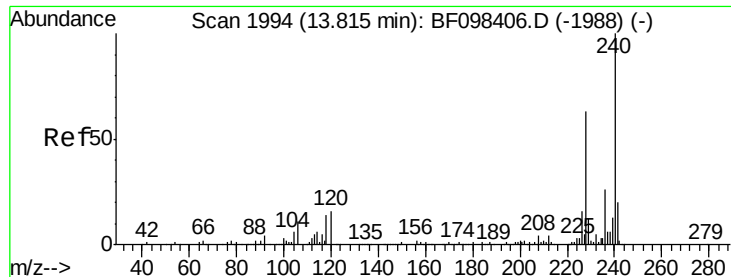
#66
 4-Bromophenyl-phenylether
 Concen: 5.237 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.24 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Tgt Ion:248 Resp: 26635
 Ion Ratio Lower Upper
 248 100
 250 192.4 76.8 115.2#
 141 533.9 68.6 103.0#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

Instrument :

BNA_F

ClientSampleId :

TR-04-091317

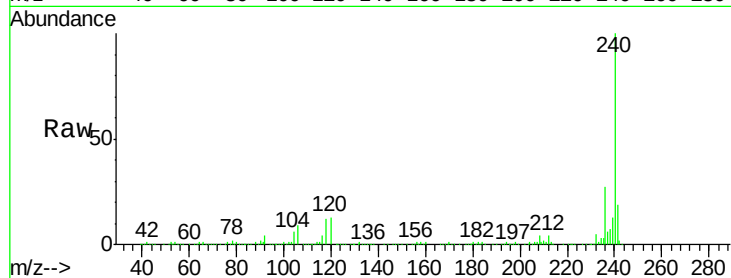
Tgt Ion:240 Resp: 390286

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

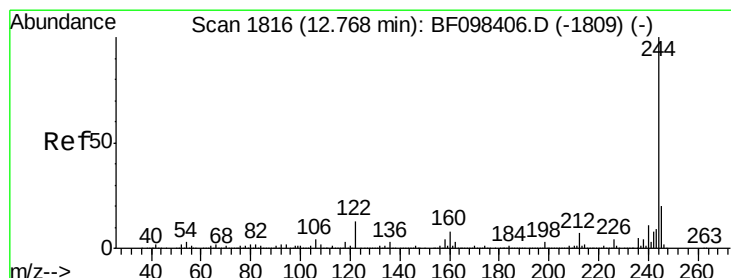
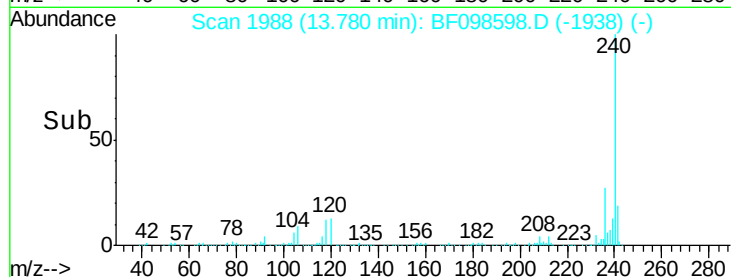
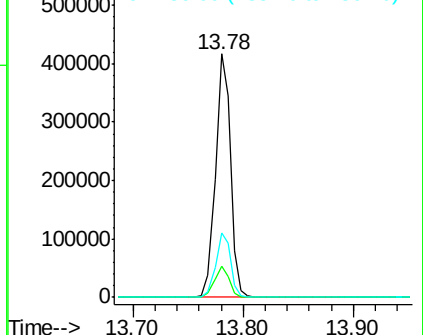
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 94.156 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

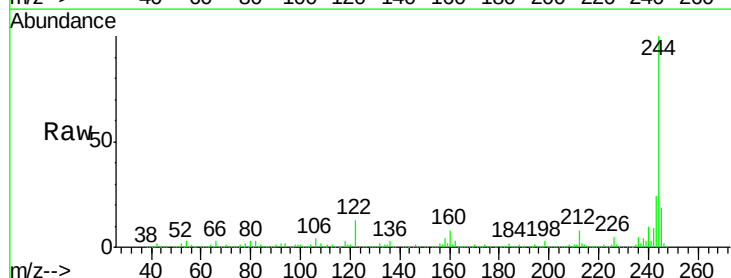
Tgt Ion:244 Resp: 1702503

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

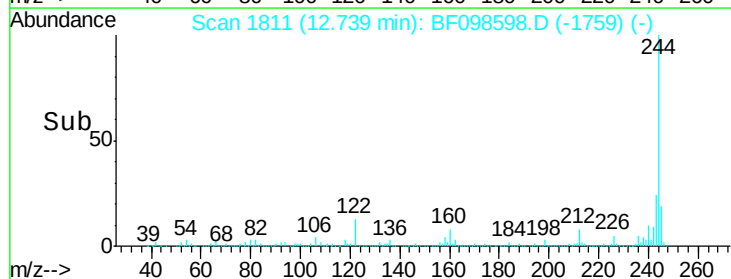
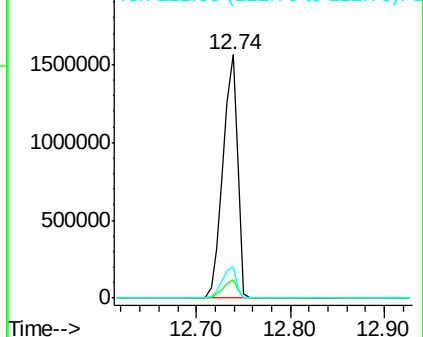
122 13.0 10.3 15.5

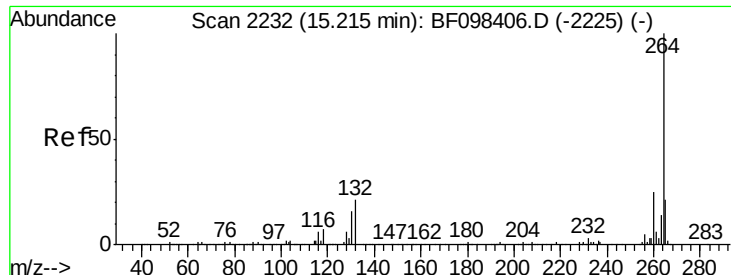


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

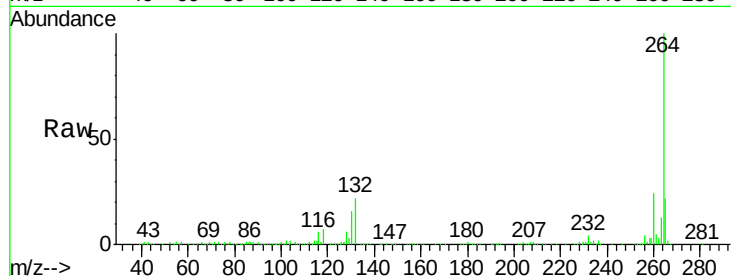




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF098598.D
Acq: 18 Sep 2017 13:22

Instrument :
BNA_F
ClientSampleId :
TR-04-091317

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.8	17.2	25.8



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

