

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
 Data File : BF098579.D
 Acq On : 15 Sep 2017 20:04
 Operator : SJ/JU
 Sample : I5229-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S17

Quant Time: Sep 16 01:50:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

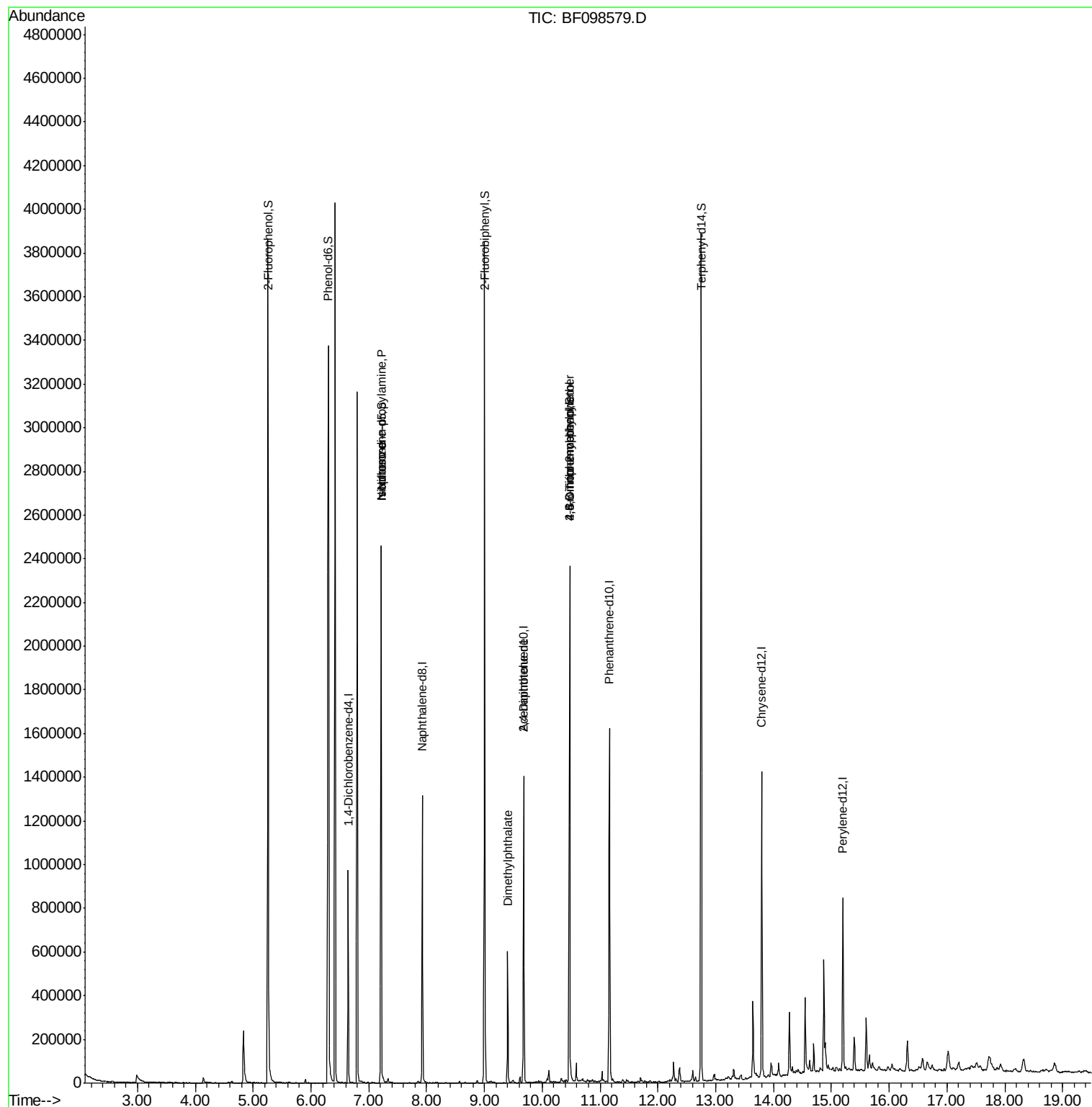
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	145175	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	601010	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	284319	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	541690	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	426302	20.00	ng	-0.02
86) Perylene-d12	15.20	264	331893	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1120006	114.07	ng	-0.02
7) Phenol-d6	6.30	99	1399041	112.22	ng	-0.02
23) Nitrobenzene-d5	7.22	82	851427	78.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	276485	145.70	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1225352	73.05	ng	-0.03
78) Terphenyl-d14	12.75	244	1189447	60.22	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	115461	14.724	ng	# 78
25) Isophorone	7.22	82	839585	38.492	ng	# 67
49) Dimethylphthalate	9.40	163	231483	10.518	ng	# 98
56) 2,4-Dinitrotoluene	9.68	165	34925	6.354	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.47	198	683	5.149	ng	# 6
66) 4-Bromophenyl-phenylether	10.47	248	21664	4.214	ng	# 1

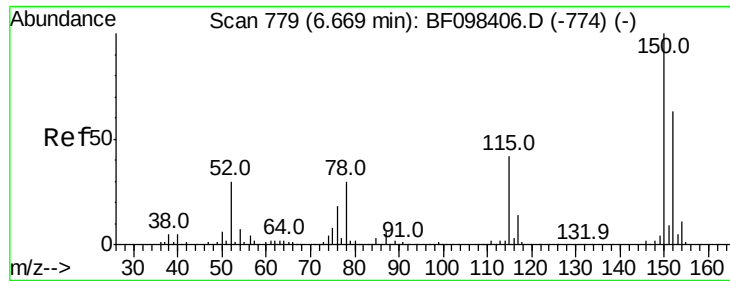
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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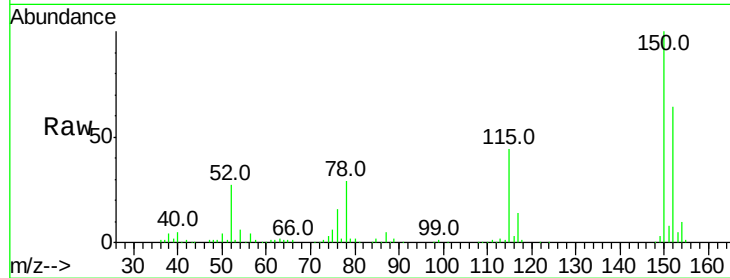


#1

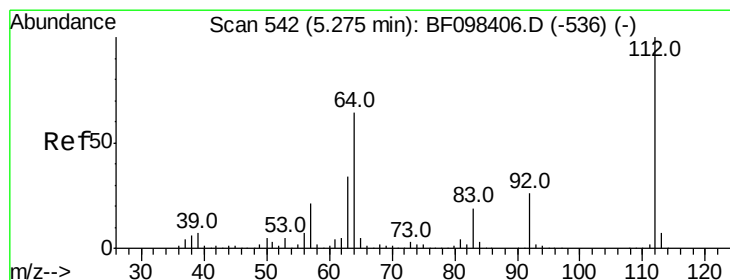
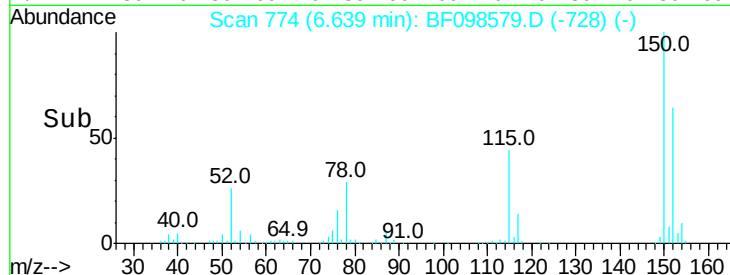
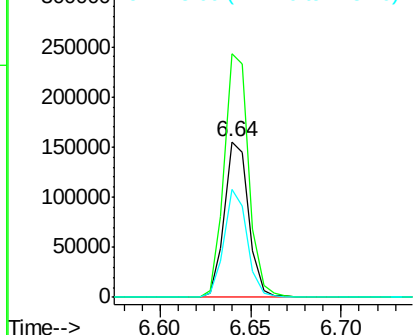
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF098579.D
Acq: 15 Sep 2017 20:04

Instrument :
BNA_F
ClientSampleId :
UT5400S17

Tot Ion:152 Resp: 145175
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 69.0 52.2 78.2



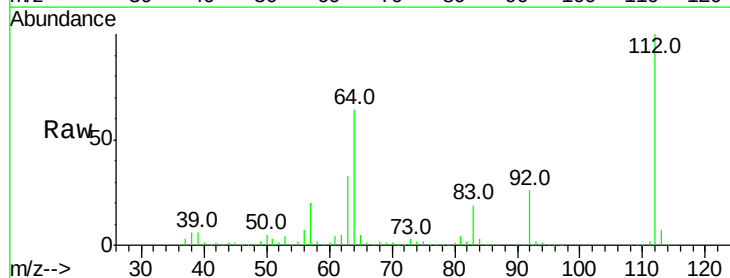
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



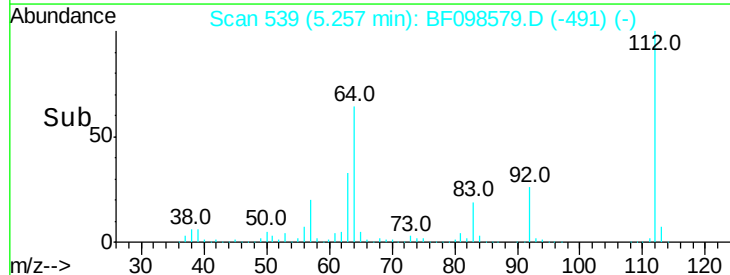
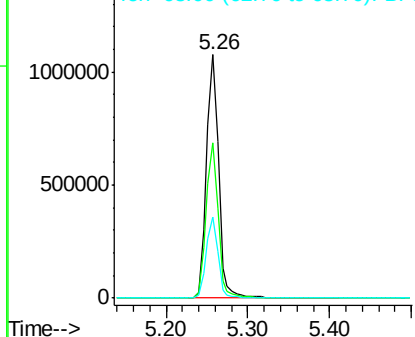
#5

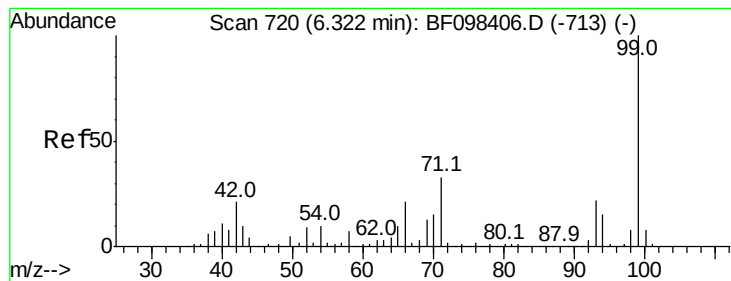
2-Fluorophenol
Concen: 114.066 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098579.D
Acq: 15 Sep 2017 20:04

Tgt Ion:112 Resp: 1120006
Ion Ratio Lower Upper
112 100
64 64.0 46.0 69.0
63 33.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.222 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098579.D

Acq: 15 Sep 2017 20:04

Instrument :

BNA_F

ClientSampleId :

UT5400S17

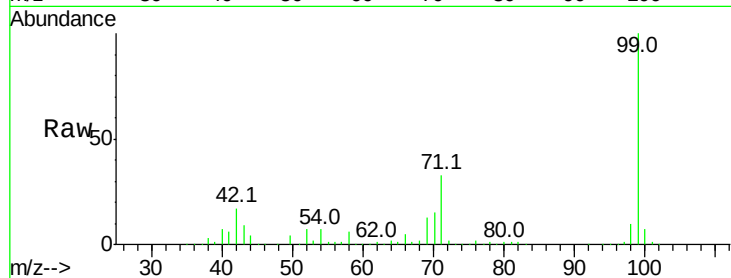
Tot Ion: 99 Resp: 1399041

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

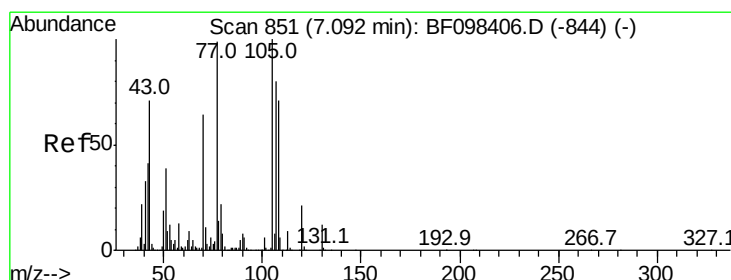
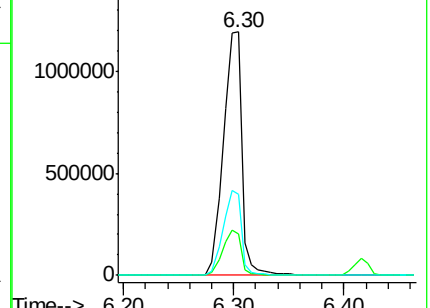
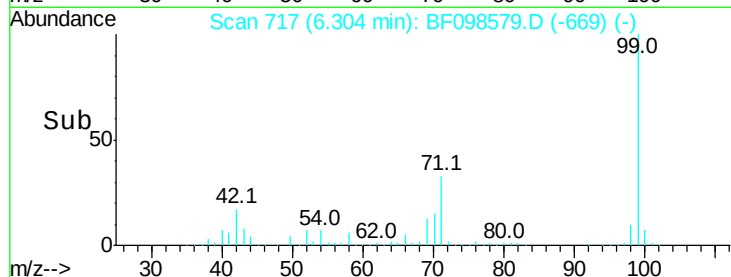
71 33.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.724 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.12 min

Lab File: BF098579.D

Acq: 15 Sep 2017 20:04

Tgt Ion: 70 Resp: 115461

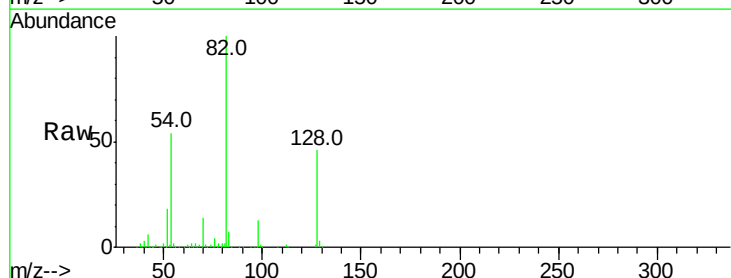
Ion Ratio Lower Upper

70 100

42 47.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

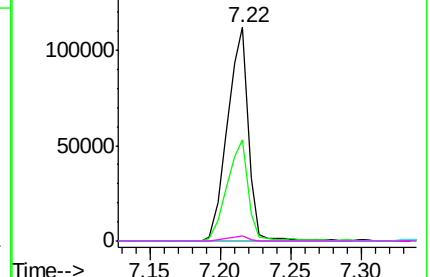
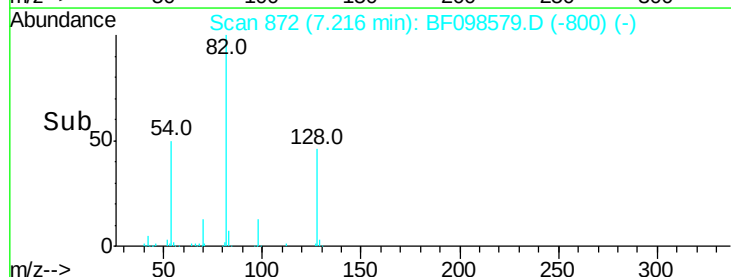


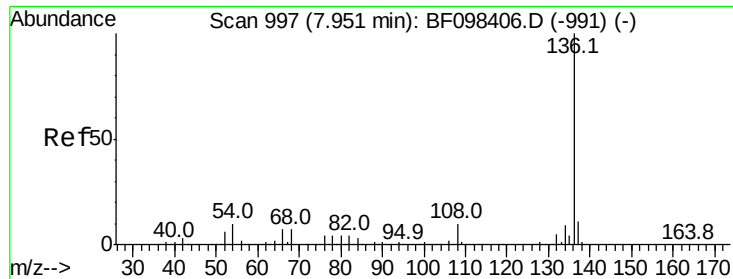
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF098579.D

Acq: 15 Sep 2017 20:04

Instrument :

BNA_F

ClientSampleId :

UT5400S17

Tot Ion:136 Resp: 601010

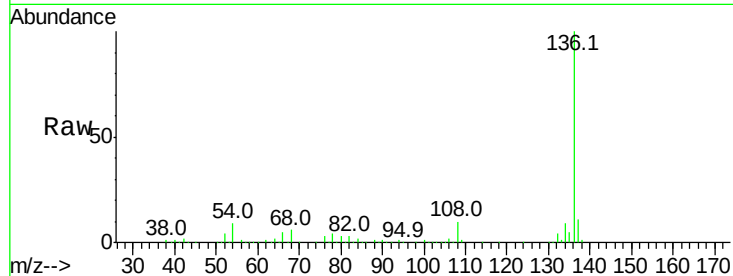
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 8.7 4.9 7.3#

68 5.8 4.1 6.1

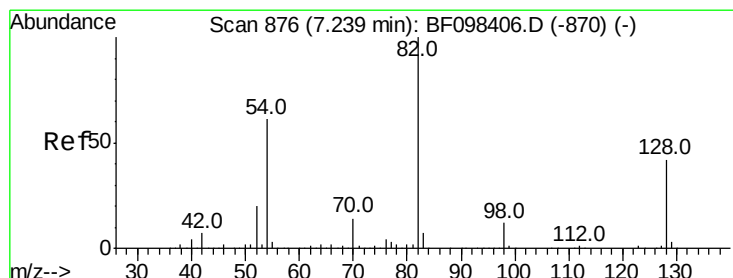
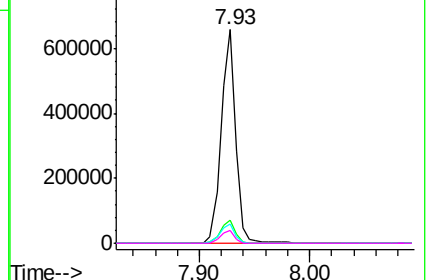
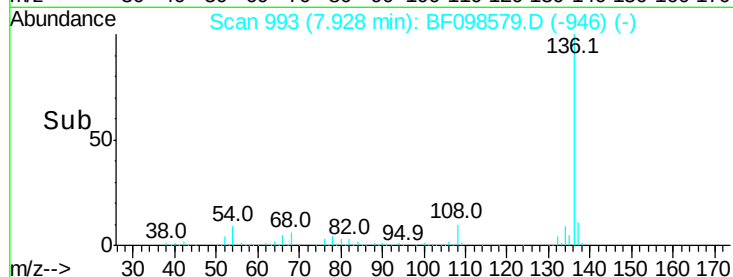


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 78.978 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF098579.D

Acq: 15 Sep 2017 20:04

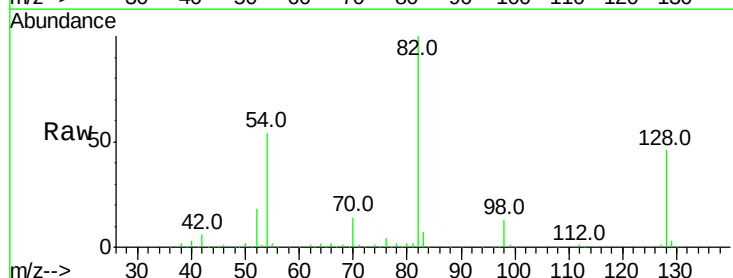
Tgt Ion: 82 Resp: 851427

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

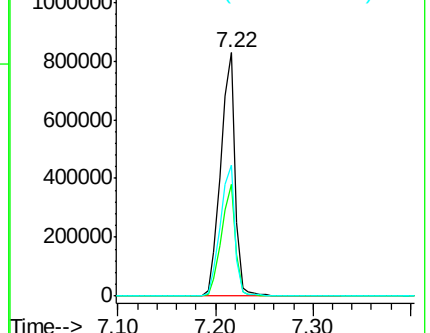
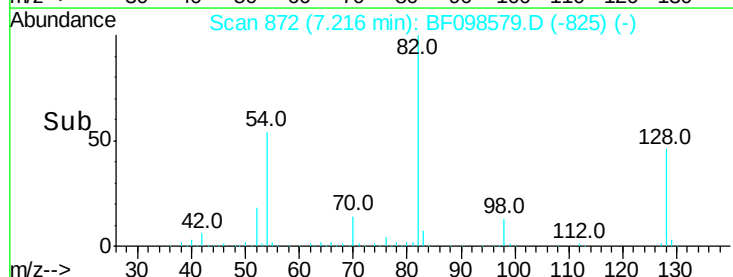
54 54.0 42.2 63.2

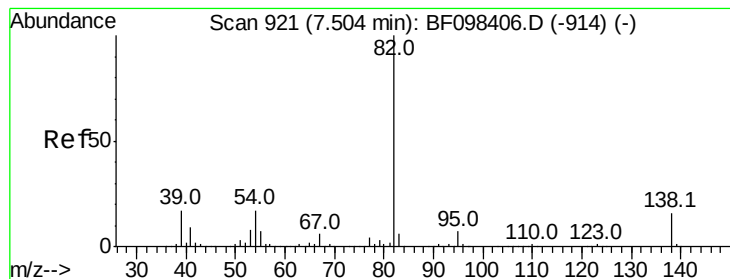


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.492 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.29 min

Lab File: BF098579.D

Acq: 15 Sep 2017 20:04

Instrument :

BNA_F

ClientSampleId :

UT5400S17

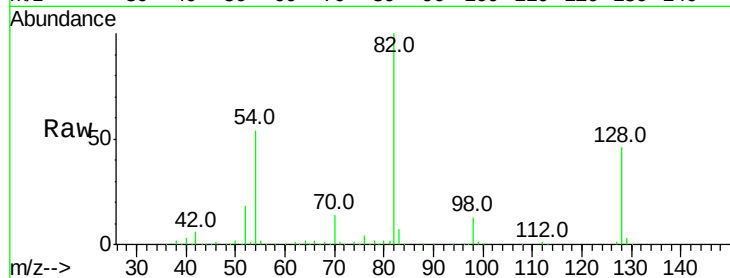
Tot Ion: 82 Resp: 839585

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

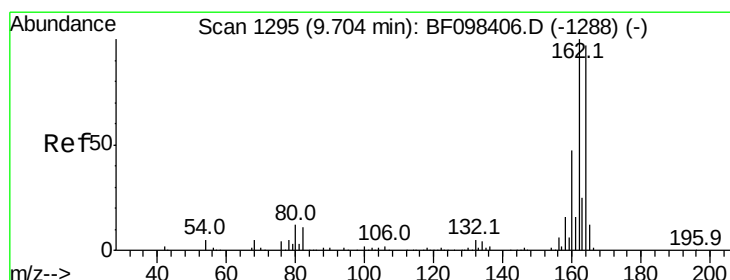
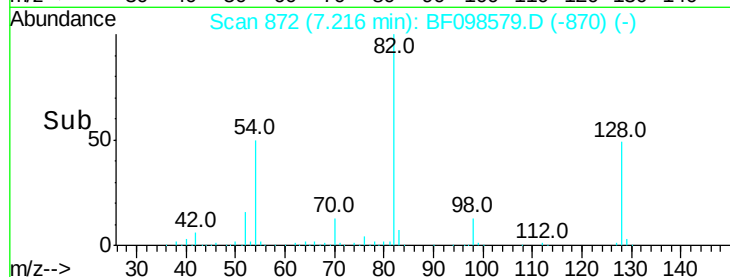
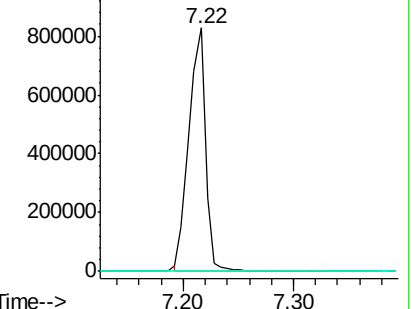
138 0.0 13.1 19.7#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF098579.D

Acq: 15 Sep 2017 20:04

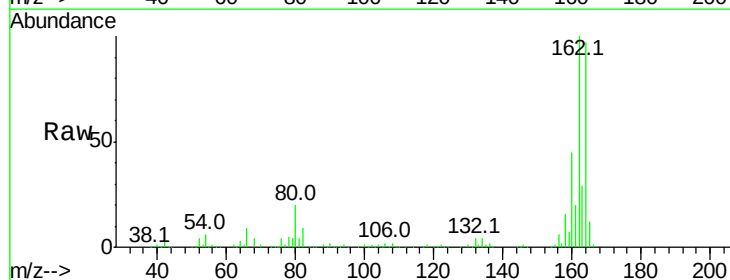
Tgt Ion:164 Resp: 284319

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

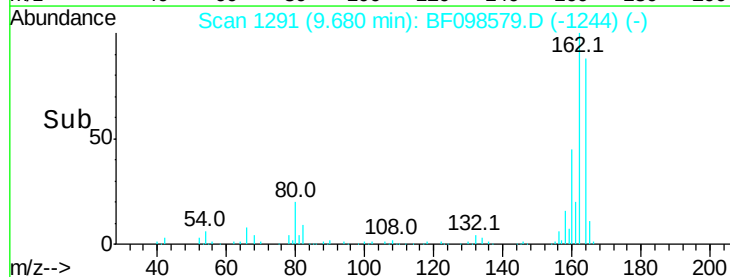
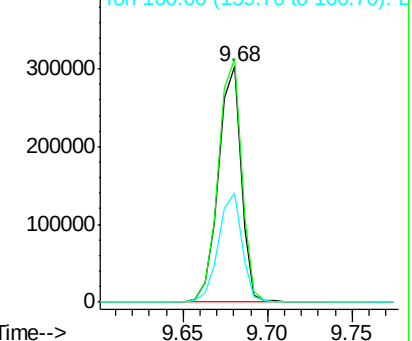
160 46.3 36.2 54.2

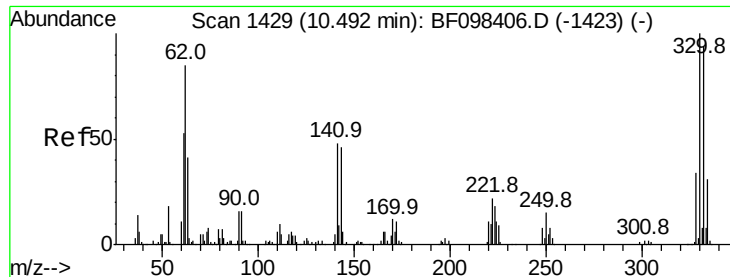


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

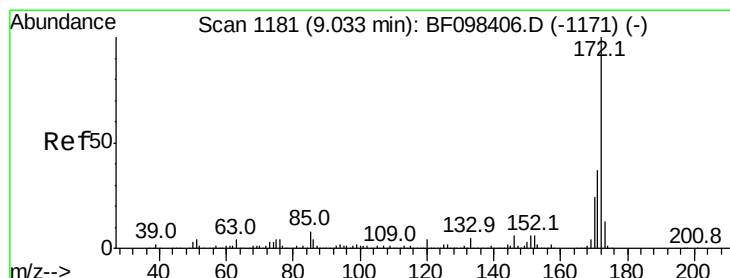
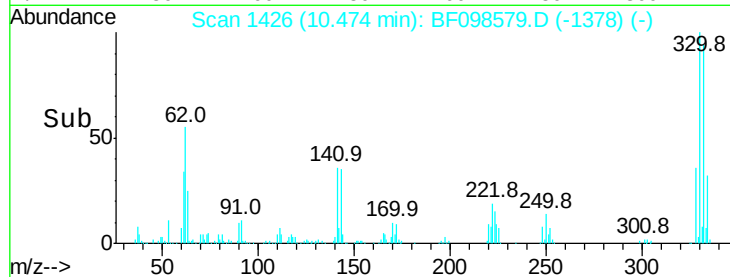
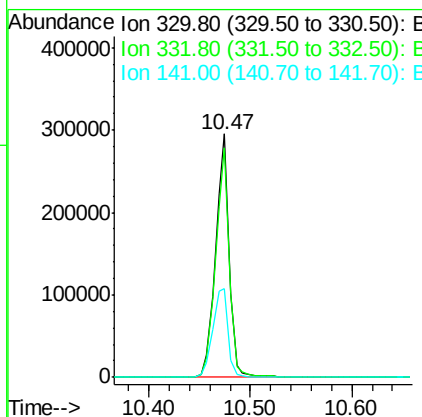
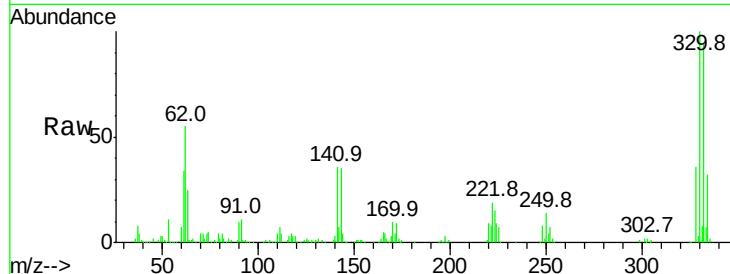




#41
 2,4,6-Tribromophenol
 Concen: 145.703 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098579.D
 Acq: 15 Sep 2017 20:04

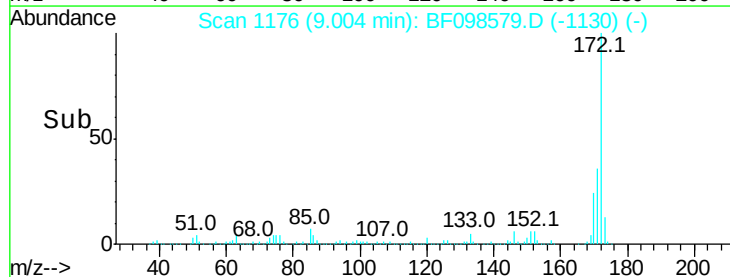
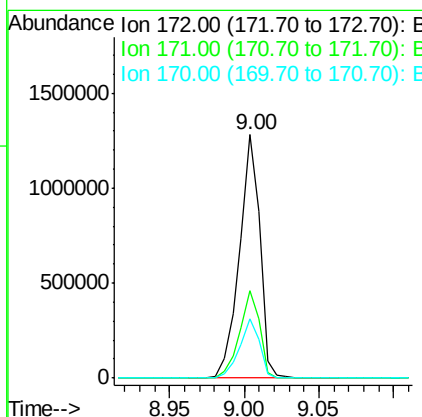
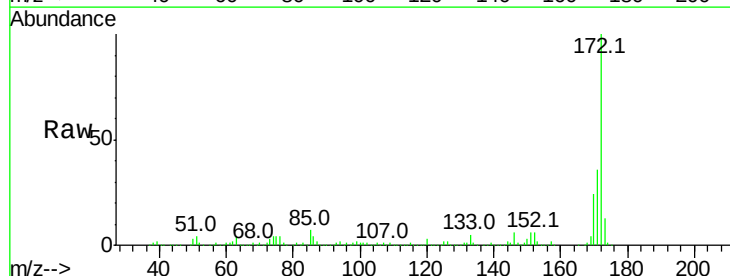
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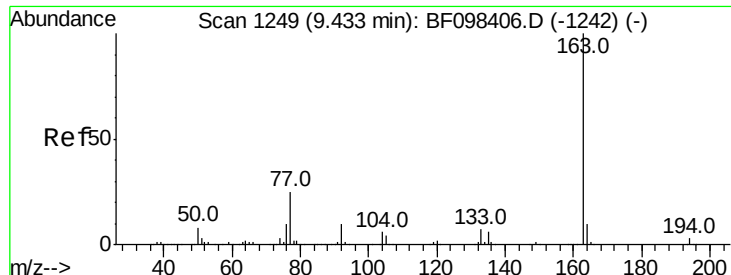
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	41.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 73.047 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098579.D
 Acq: 15 Sep 2017 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.1	19.8	29.8

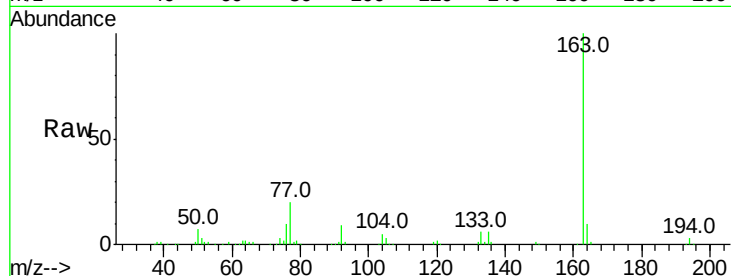




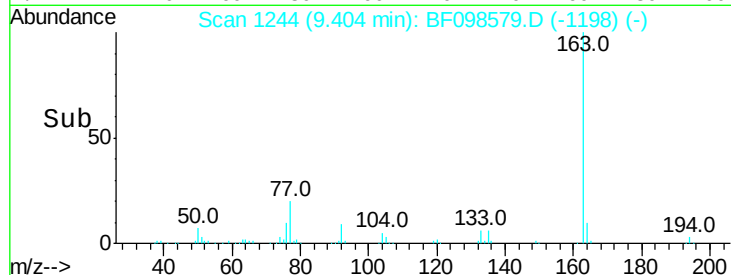
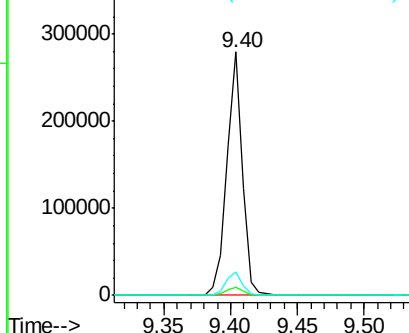
#49
Dimethylphthalate
Concen: 10.518 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098579.D
Acq: 15 Sep 2017 20:04

Instrument :
BNA_F
ClientSampleId :
UT5400S17

Tot Ion:163 Resp: 231483
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 8.4 12.6



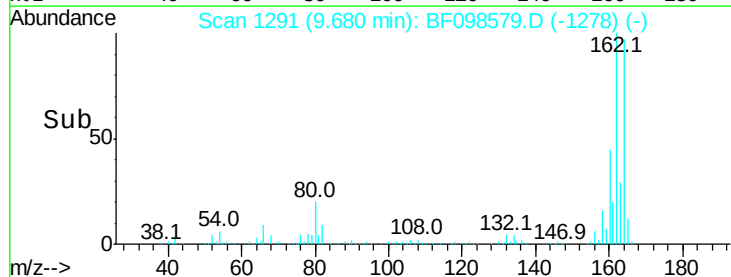
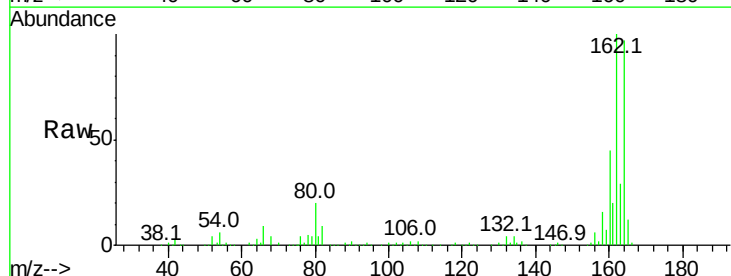
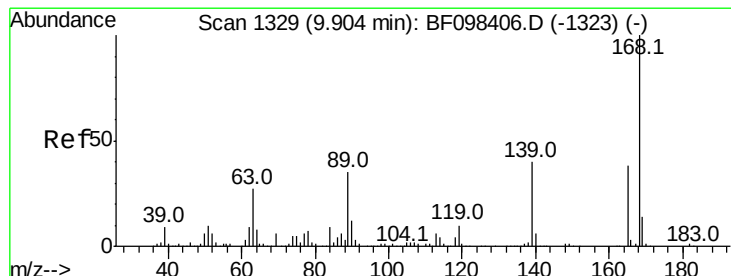
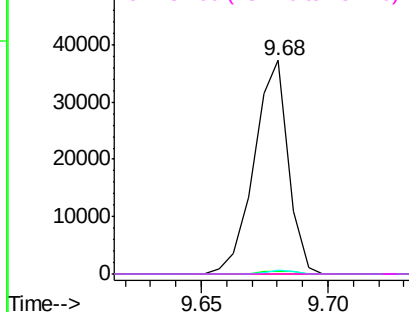
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

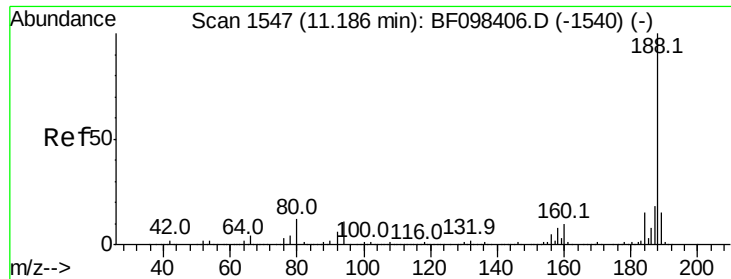


#56
2,4-Dinitrotoluene
Concen: 6.354 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.22 min
Lab File: BF098579.D
Acq: 15 Sep 2017 20:04

Tgt Ion:165 Resp: 34925
Ion Ratio Lower Upper
165 100
63 1.5 25.4 38.0#
89 1.7 46.4 69.6#
182 0.0 1.8 2.6#

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

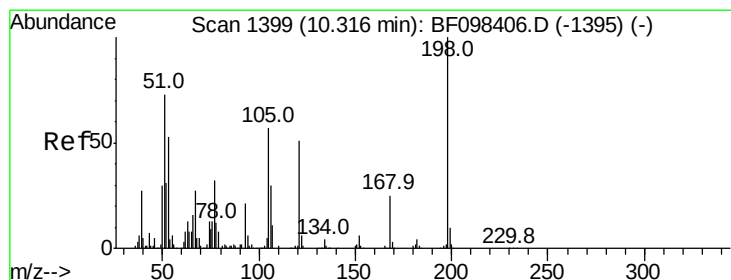
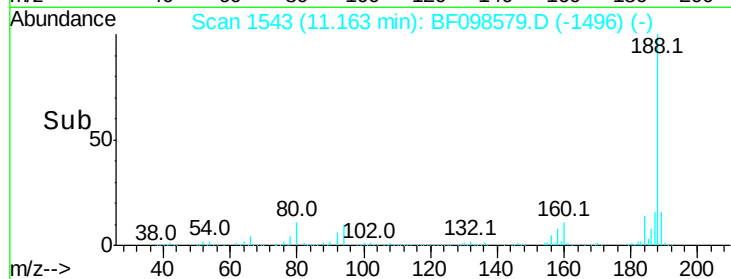
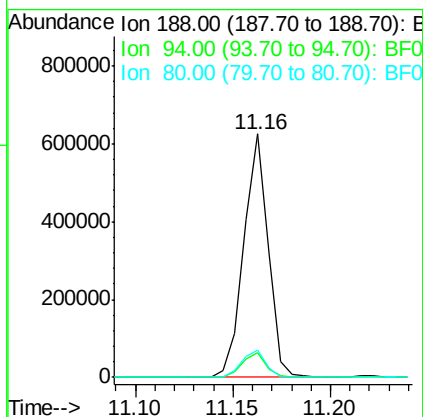
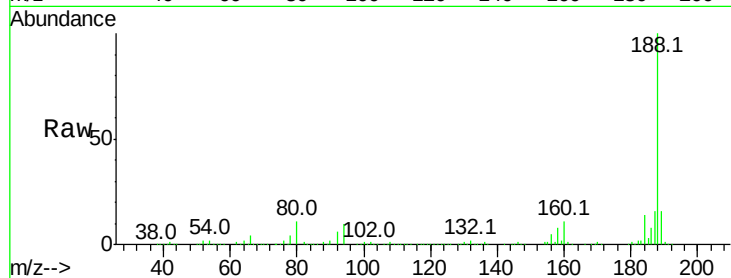




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098579.D
 Acq: 15 Sep 2017 20:04

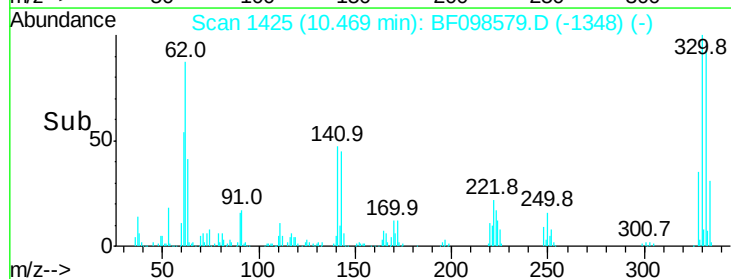
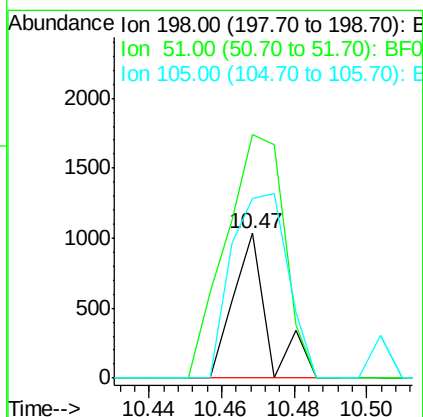
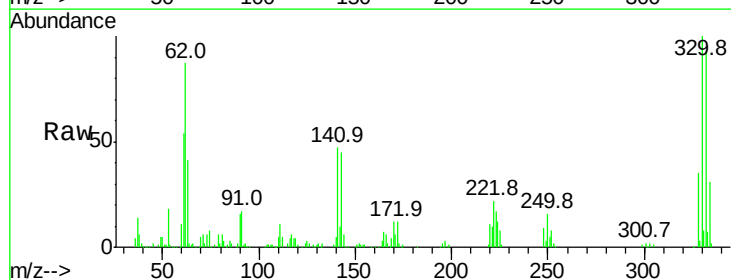
Instrument :
 BNA_F
 ClientSampleId :
 UT5400S17

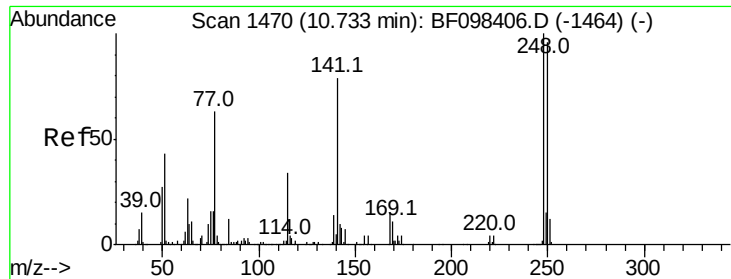
Tot Ion:188 Resp: 541690
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 11.2 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.149 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.15 min
 Lab File: BF098579.D
 Acq: 15 Sep 2017 20:04

Tgt Ion:198 Resp: 683
 Ion Ratio Lower Upper
 198 100
 51 168.1 53.2 93.2#
 105 124.3 45.8 85.8#

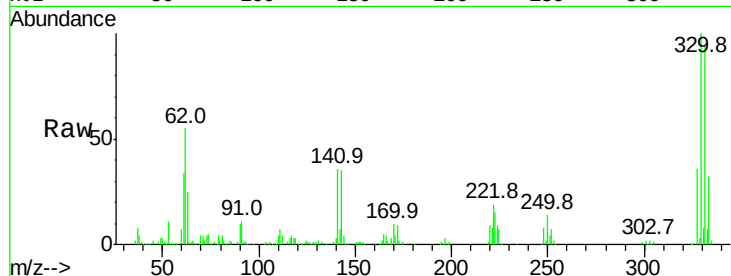




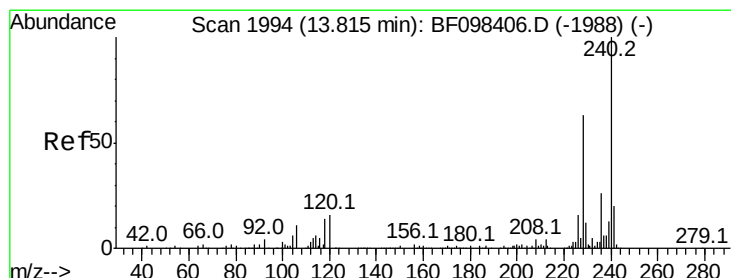
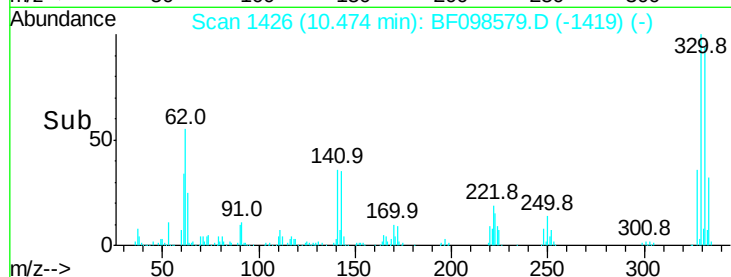
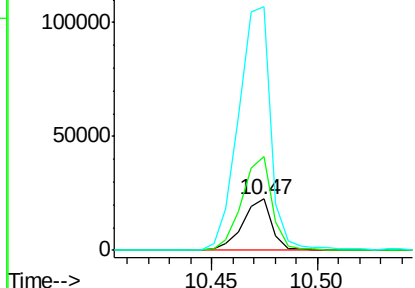
#66
 4-Bromophenyl-phenylether
 Concen: 4.214 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.26 min
 Lab File: BF098579.D
 Acq: 15 Sep 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S17

Tot Ion:248 Resp: 21664
 Ion Ratio Lower Upper
 248 100
 250 183.1 76.8 115.2#
 141 473.8 68.6 103.0#

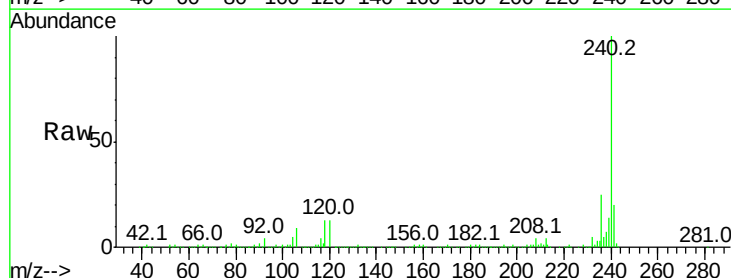


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

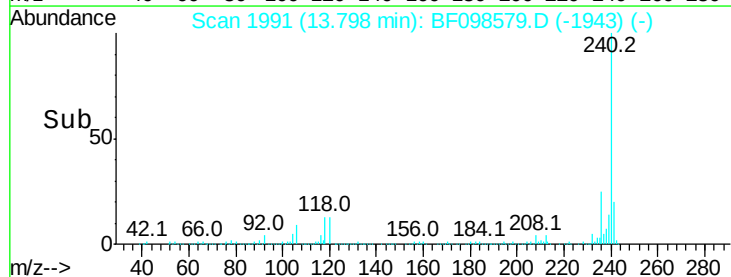
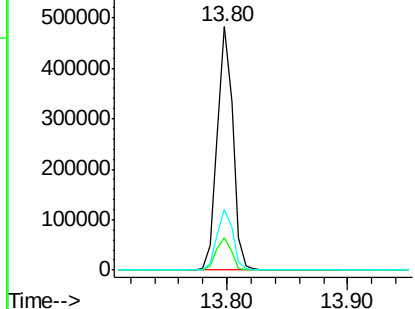


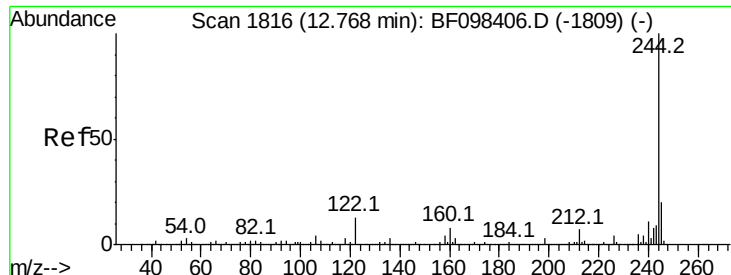
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BF098579.D
 Acq: 15 Sep 2017 20:04

Tgt Ion:240 Resp: 426302
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 25.1 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: 60.224 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098579.D

Acq: 15 Sep 2017 20:04

Instrument :

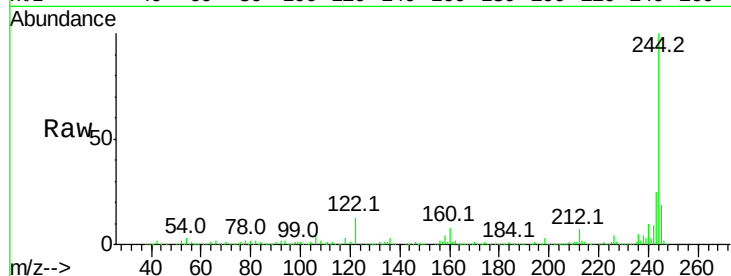
BNA_F

ClientSampleId :

UT5400S17

Tot Ion:244 Resp: 1189447

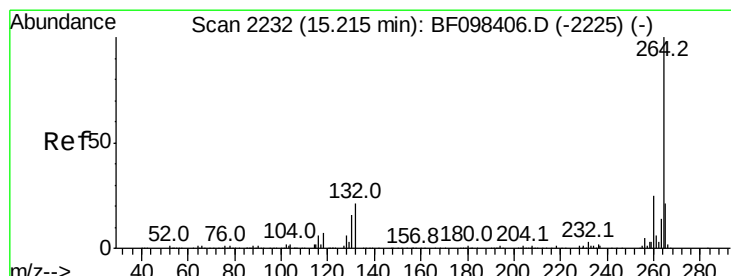
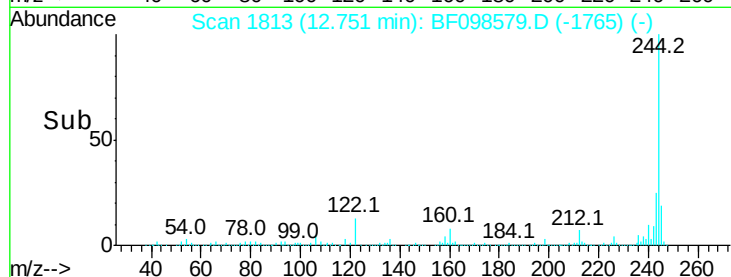
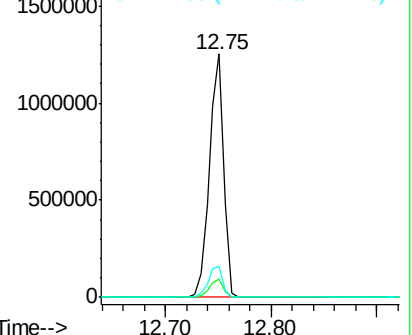
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.7	10.3	15.5



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: 15.20 min Scan# 2229

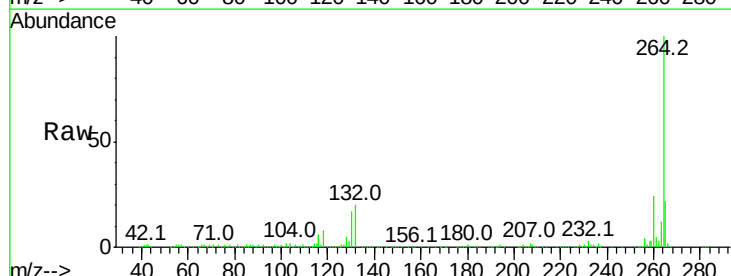
Delta R.T. -0.02 min

Lab File: BF098579.D

Acq: 15 Sep 2017 20:04

Tgt Ion:264 Resp: 331893

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.0	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

