

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098581.D
 Acq On : 15 Sep 2017 21:01
 Operator : SJ/JU
 Sample : I5229-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S19

Quant Time: Sep 16 03:39:54 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

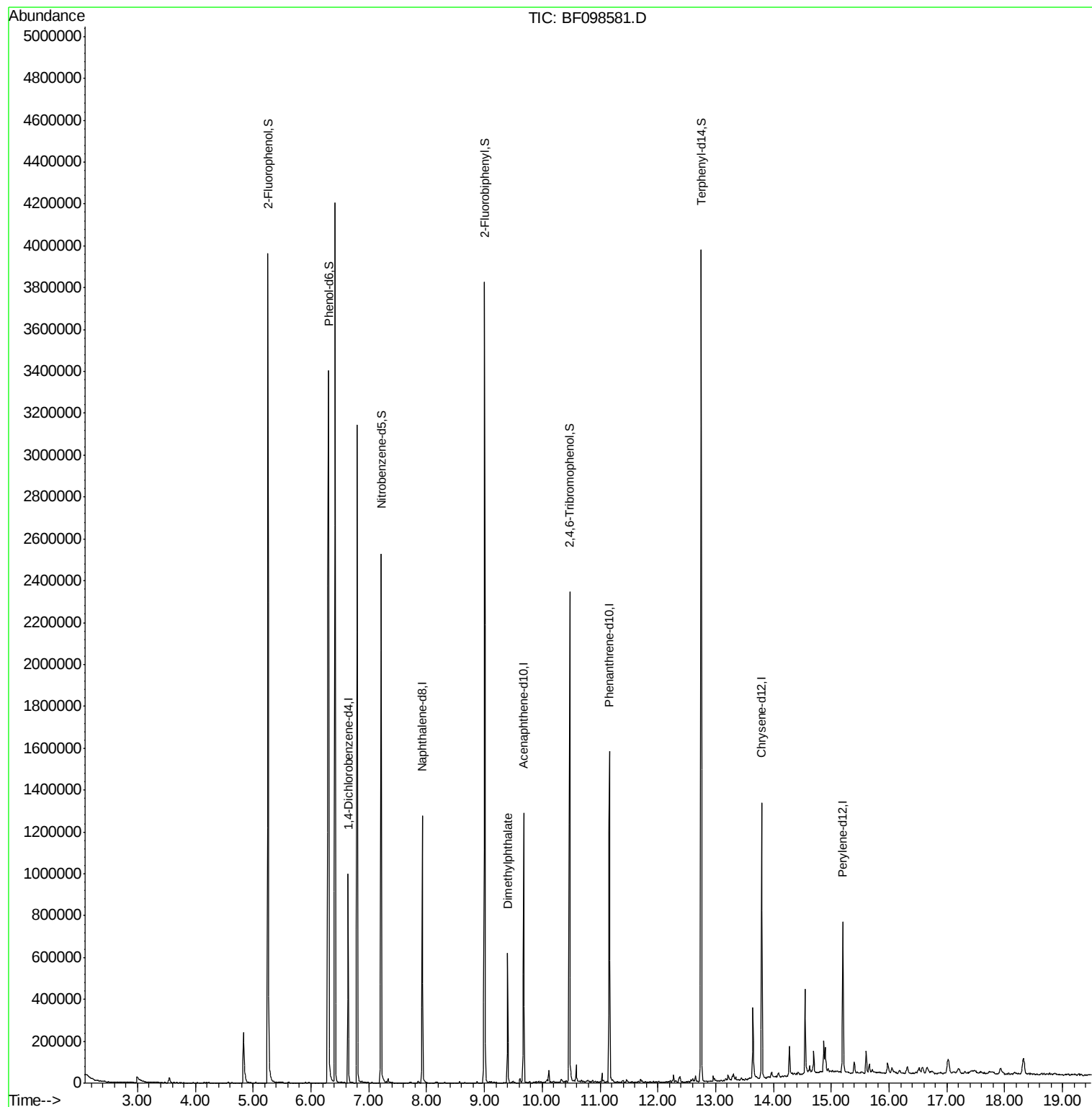
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	140313	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	588112	20.00	ng	-0.02
38) Acenaphthene-d10	9.67	164	274585	20.00	ng	-0.03
63) Phenanthrene-d10	11.16	188	528035	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	419338	20.00	ng	-0.02
86) Perylene-d12	15.20	264	296648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1133025	119.39	ng	-0.02
7) Phenol-d6	6.30	99	1423962	118.18	ng	-0.02
23) Nitrobenzene-d5	7.22	82	865411	82.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	279160	152.33	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1231829	76.04	ng	-0.03
78) Terphenyl-d14	12.75	244	1232333	63.43	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.40	163	241143	11.345	ng	Qvalue 99

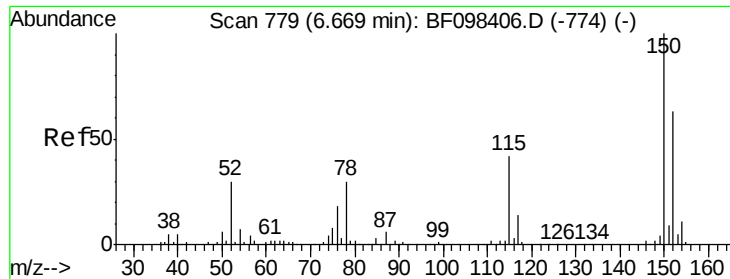
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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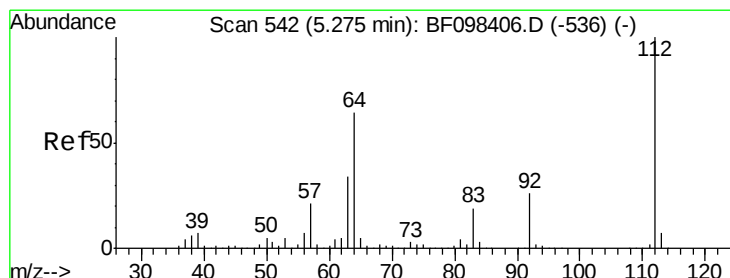
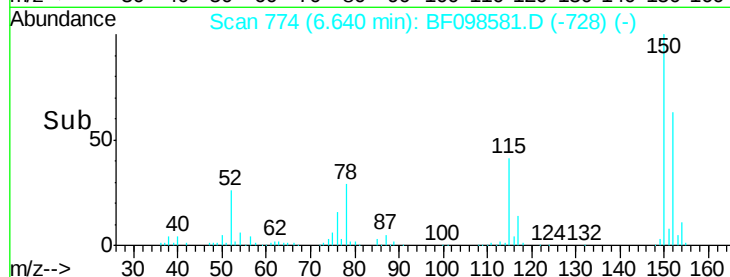
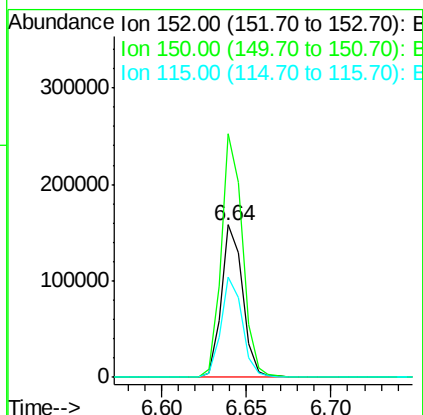
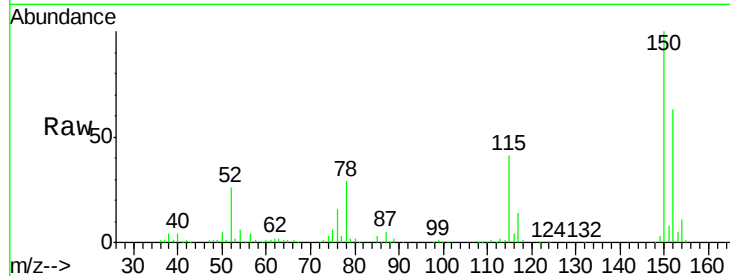


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

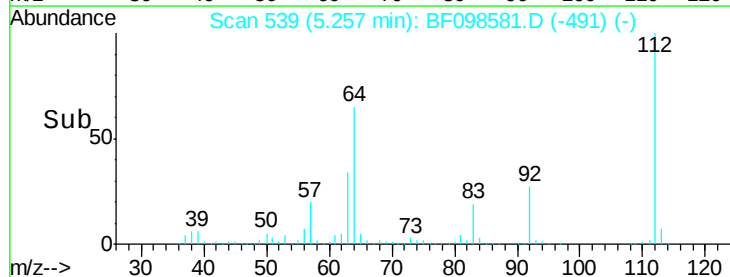
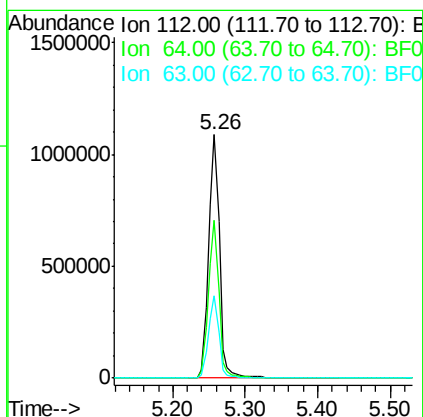
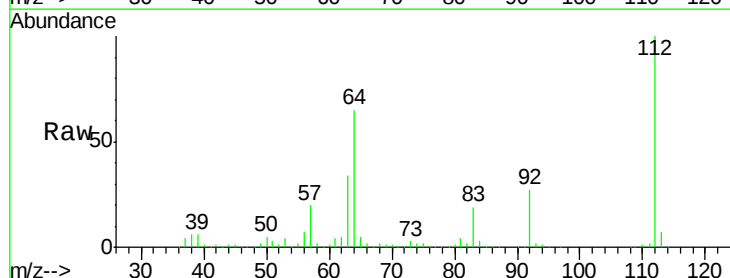
Tgt Ion:152 Resp: 140313
Ion Ratio Lower Upper
152 100
150 159.9 126.2 189.2
115 66.0 52.2 78.2



#5

2-Fluorophenol
Concen: 119.391 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:112 Resp: 1133025
Ion Ratio Lower Upper
112 100
64 64.9 46.0 69.0
63 33.7 23.4 35.0





#7

Phenol-d6

Concen: 118.179 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098581.D

Acq: 15 Sep 2017 21:01

Instrument :

BNA_F

ClientSampleId :

UT5400S19

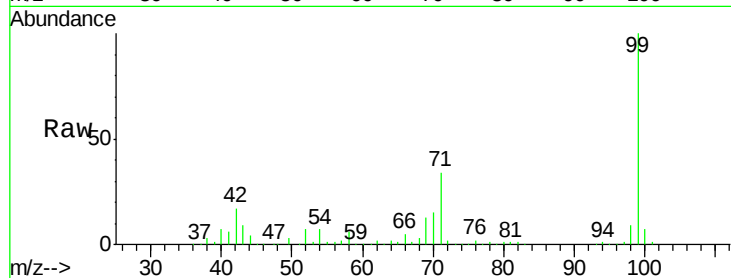
Tgt Ion: 99 Resp: 1423962

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

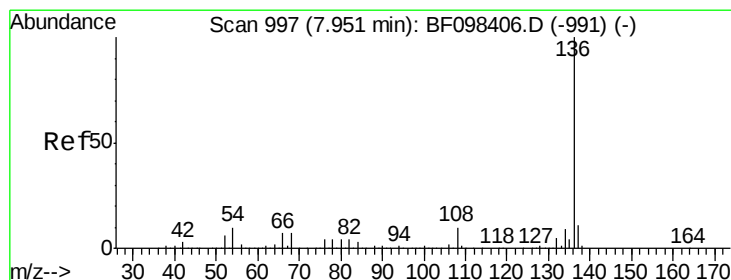
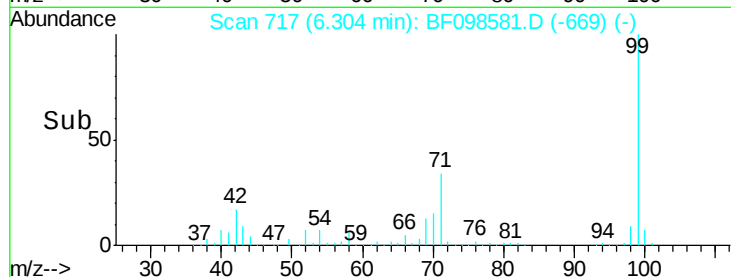
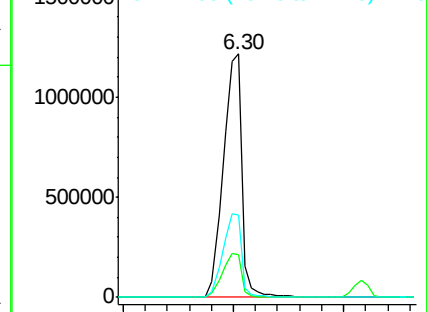
71 33.9 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF098581.D

Acq: 15 Sep 2017 21:01

Tgt Ion: 136 Resp: 588112

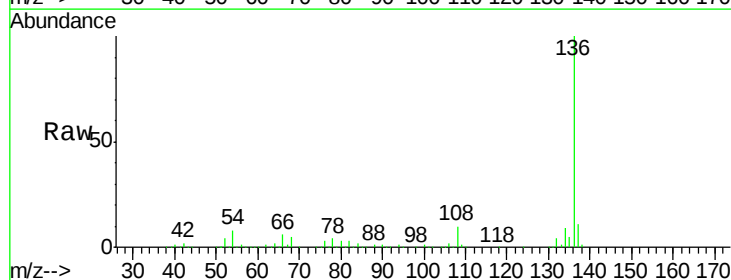
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 8.4 4.9 7.3#

68 5.4 4.1 6.1

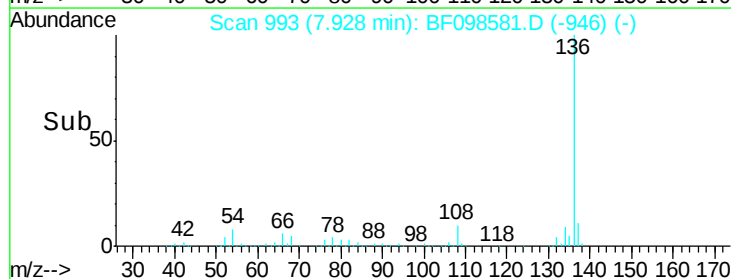
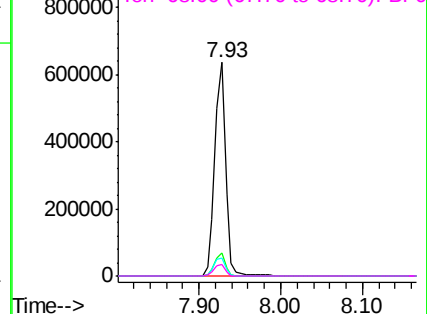


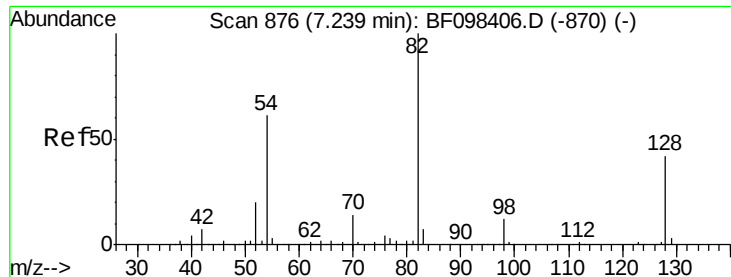
Abundance Ion 136.00 (135.70 to 136.70): E

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

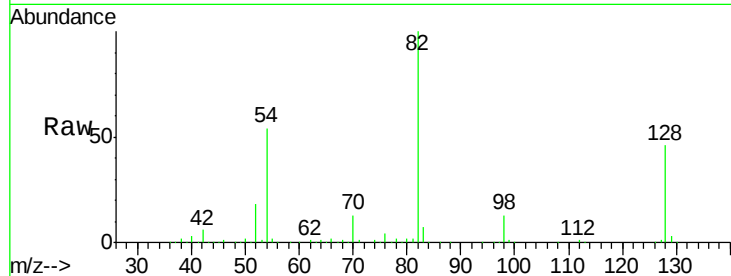




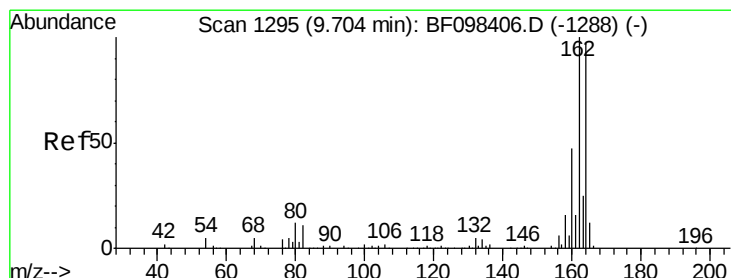
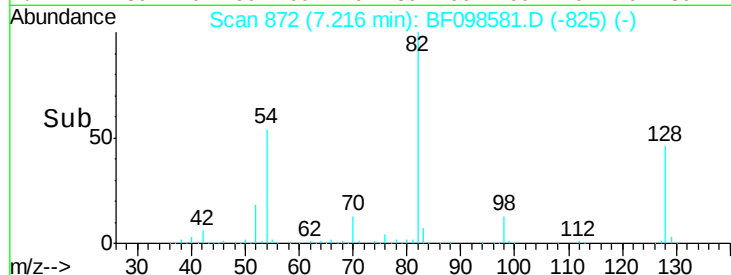
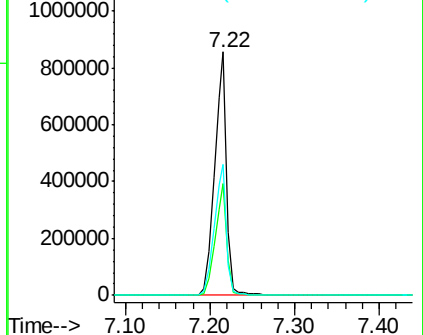
#23
Nitrobenzene-d5
Concen: 82.036 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tgt Ion: 82 Resp: 865411
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 53.6 42.2 63.2

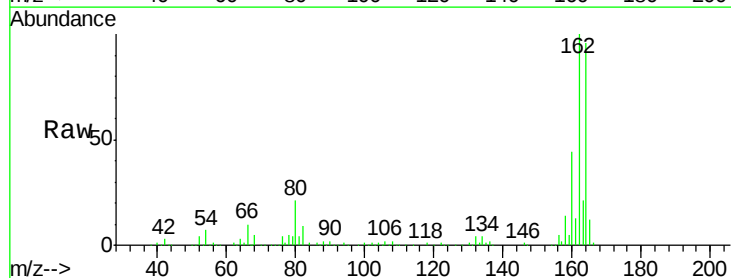


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

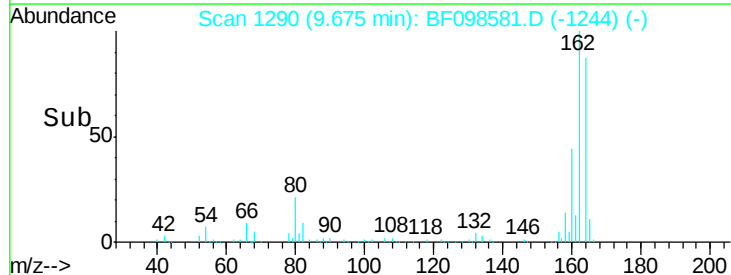
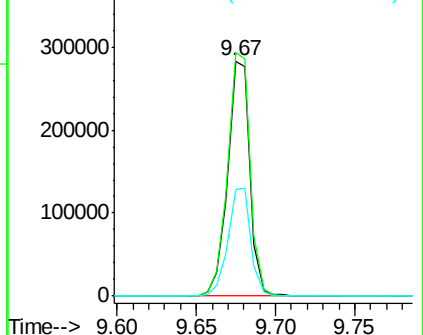


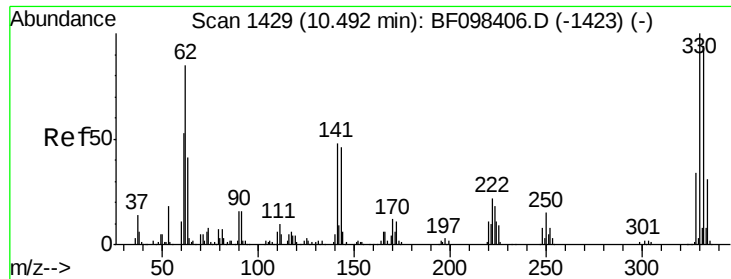
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion: 164 Resp: 274585
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 45.6 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

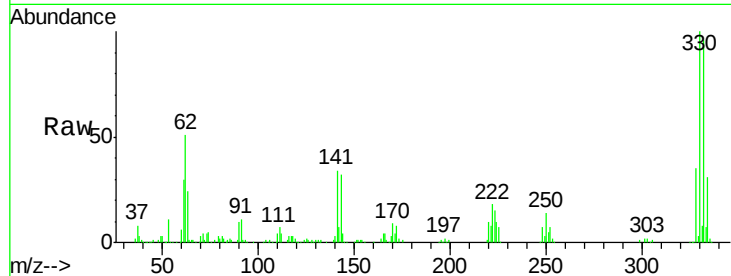




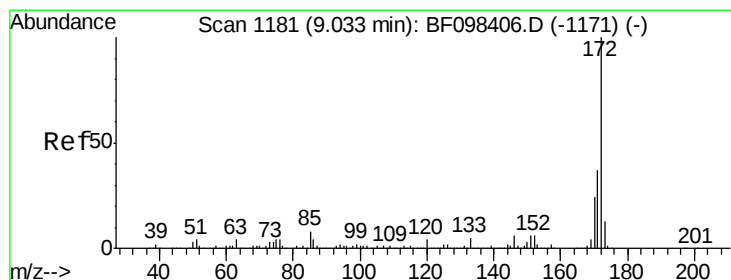
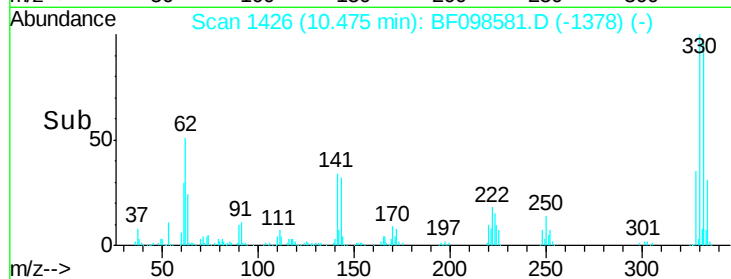
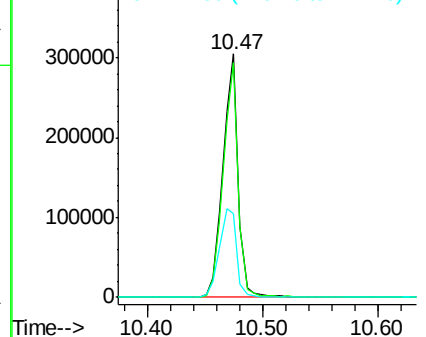
#41
 2,4,6-Tribromophenol
 Concen: 152.327 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098581.D
 Acq: 15 Sep 2017 21:01

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	41.2	31.4	47.2

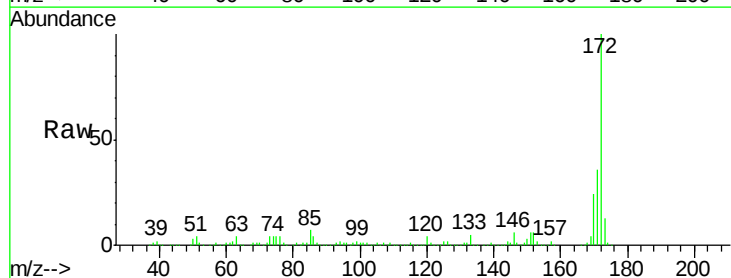


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

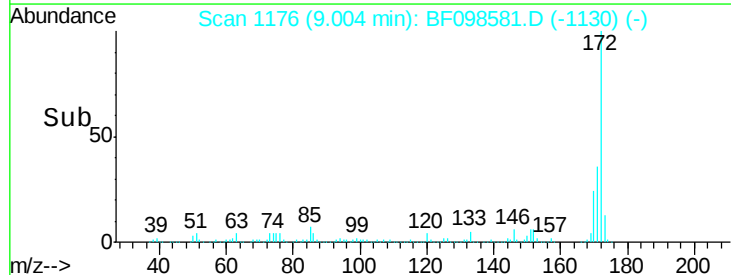
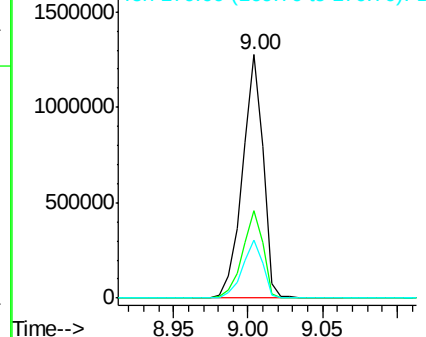


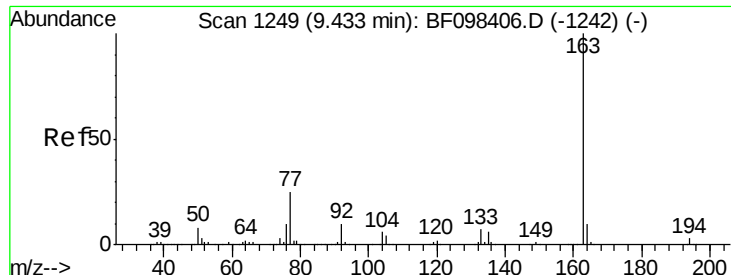
#44
 2-Fluorobiphenyl
 Concen: 76.037 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098581.D
 Acq: 15 Sep 2017 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	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

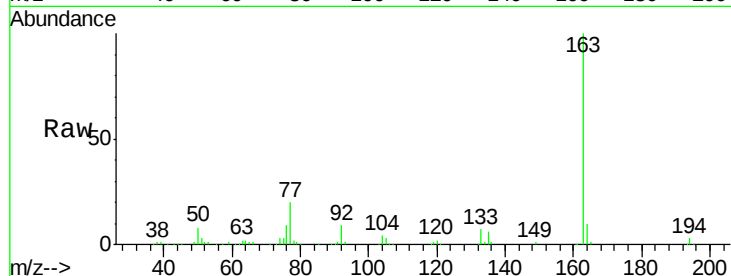




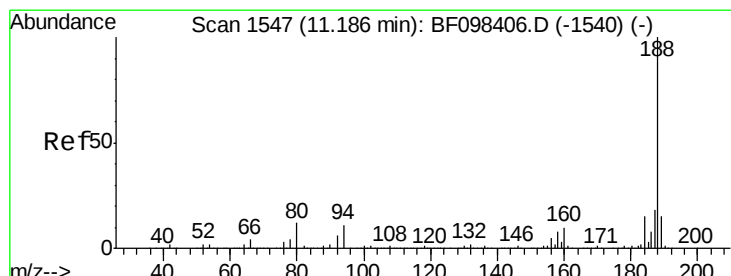
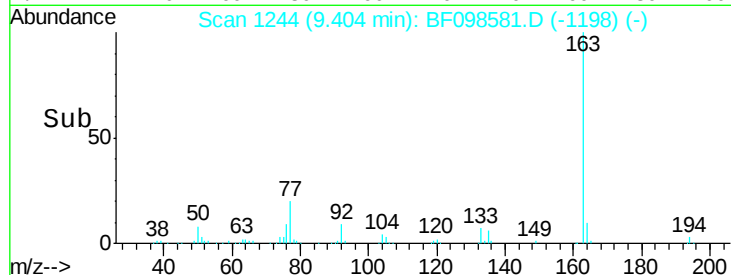
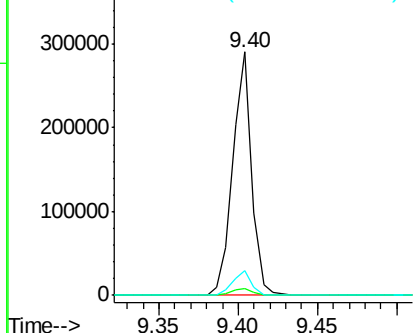
#49
Dimethylphthalate
Concen: 11.345 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tgt Ion:163 Resp: 241143
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.4 12.6

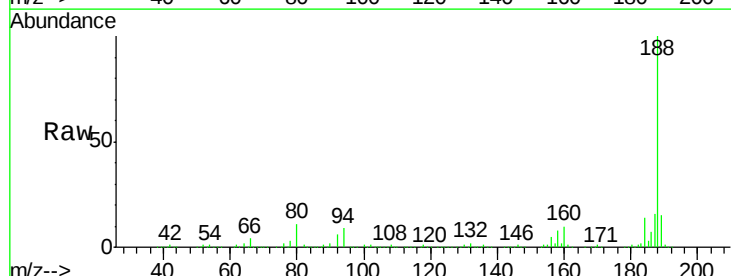


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

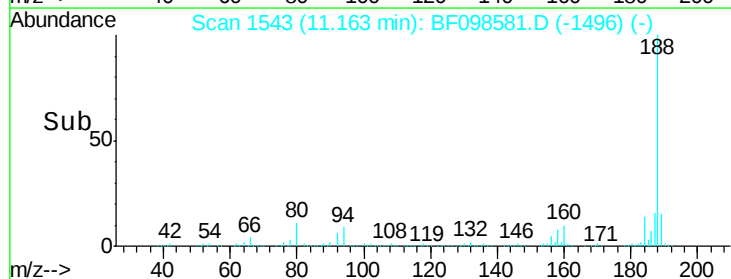
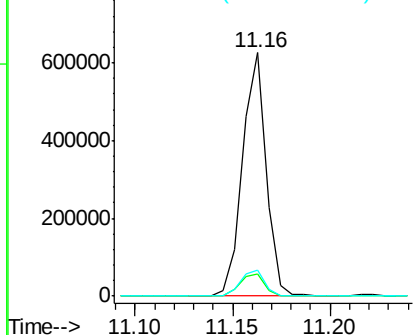


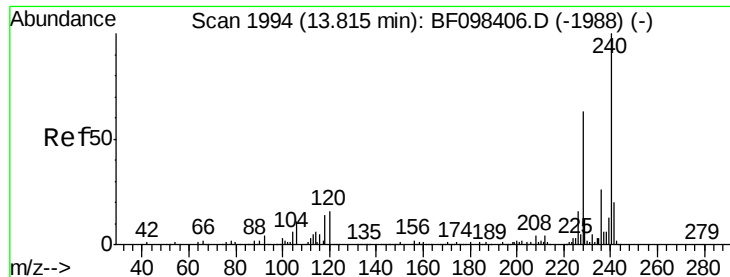
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:188 Resp: 528035
Ion Ratio Lower Upper
188 100
94 9.2 9.4 14.2#
80 10.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098581.D

Acq: 15 Sep 2017 21:01

Instrument :

BNA_F

ClientSampleId :

UT5400S19

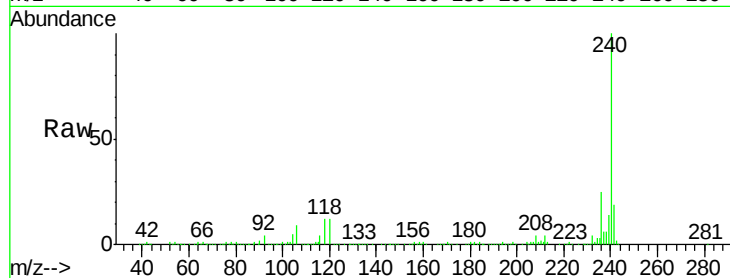
Tgt Ion:240 Resp: 419338

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

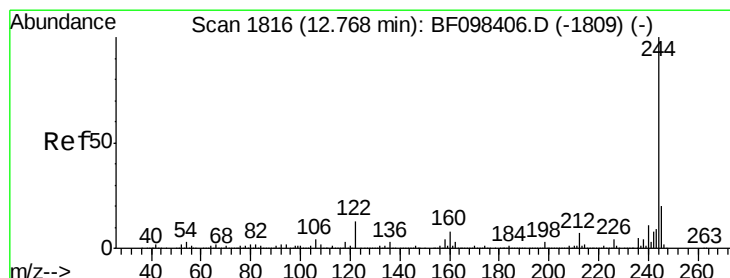
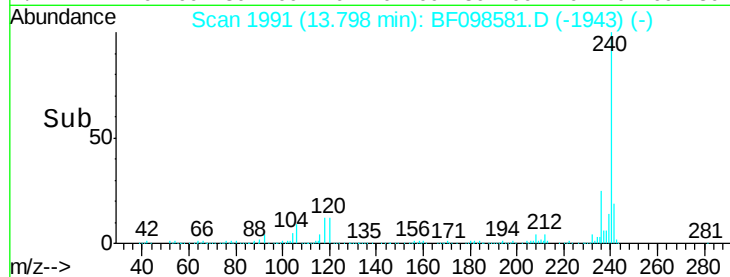
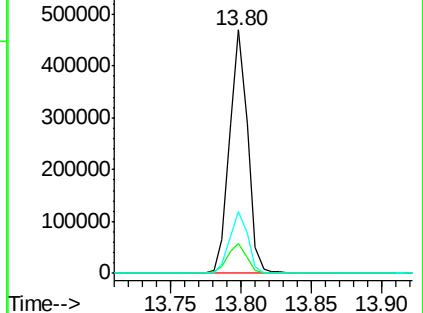
236 25.4 20.5 30.7



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: 63.432 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098581.D

Acq: 15 Sep 2017 21:01

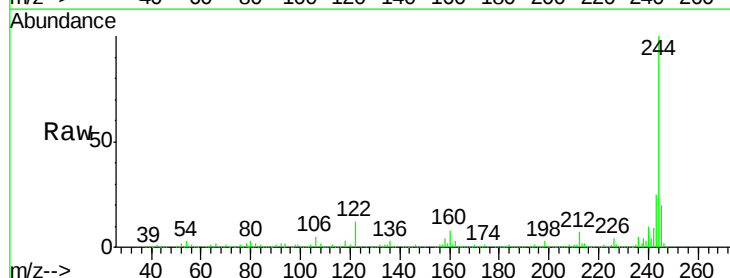
Tgt Ion:244 Resp: 1232333

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

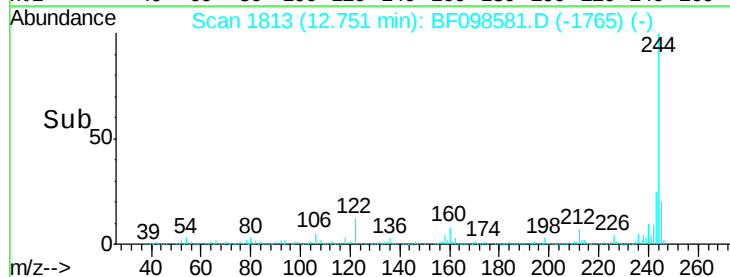
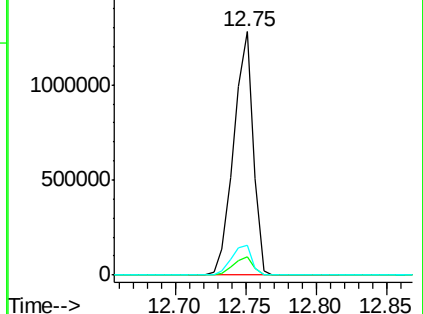
122 12.4 10.3 15.5

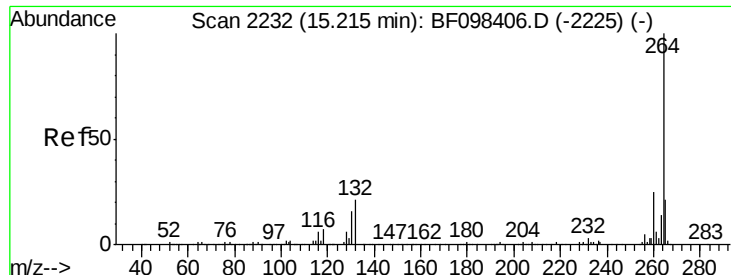


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

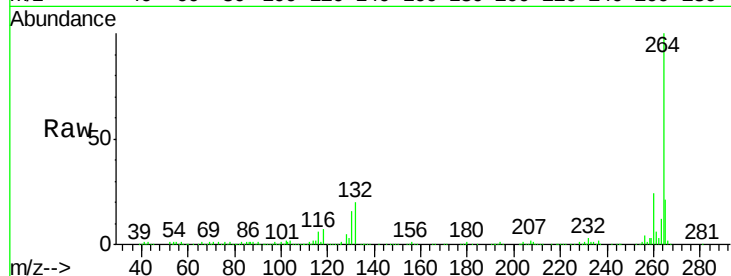




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.1	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

