

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098576.D
 Acq On : 15 Sep 2017 18:39
 Operator : SJ/JU
 Sample : I5229-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16

Quant Time: Sep 16 02:46:43 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

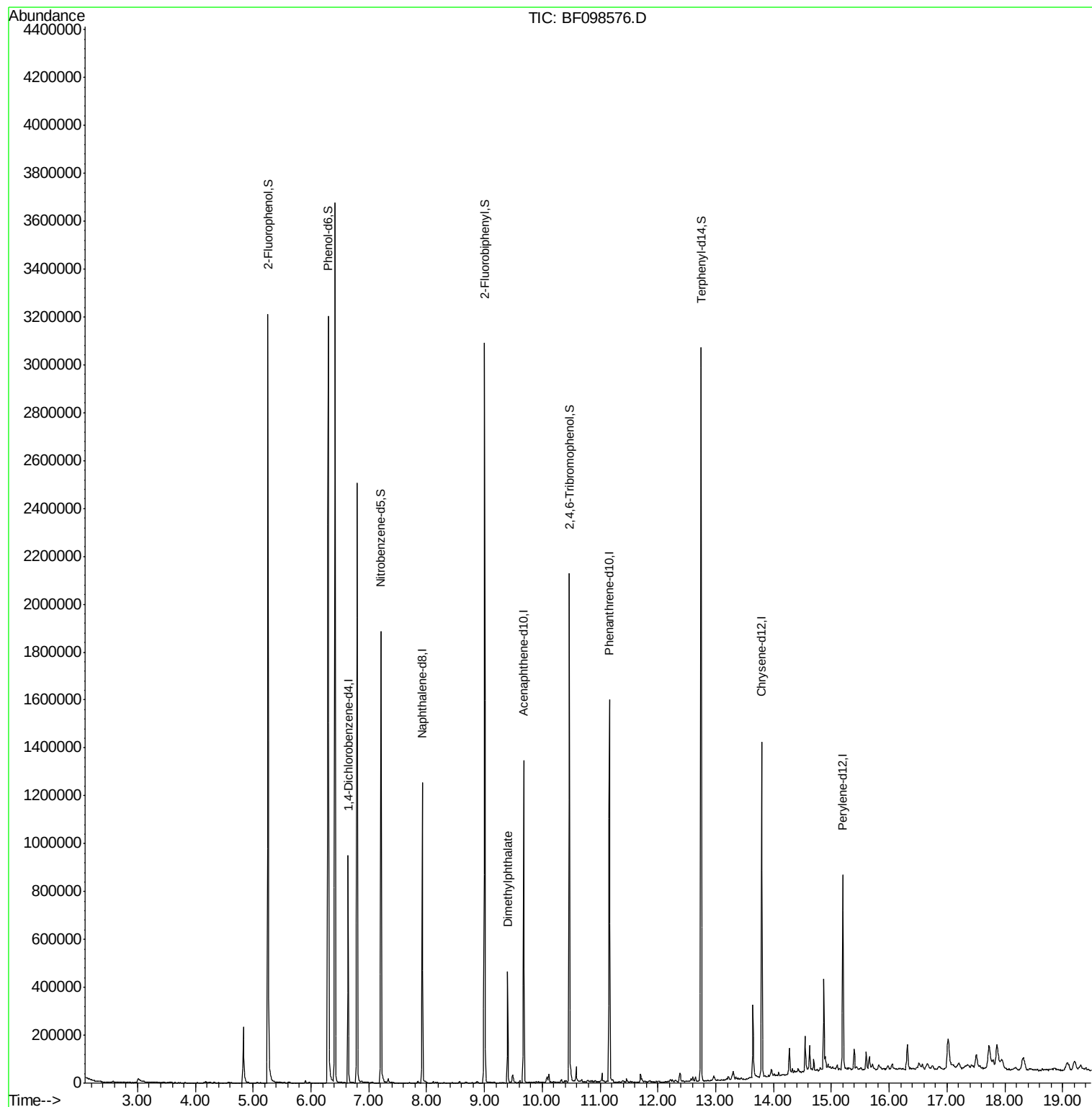
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	136678	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	561655	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	264961	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	529802	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	433646	20.00	ng	-0.02
86) Perylene-d12	15.20	264	336043	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	901168	97.48	ng	-0.02
7) Phenol-d6	6.30	99	1116547	95.13	ng	-0.02
23) Nitrobenzene-d5	7.21	82	691305	68.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.47	330	224657	127.04	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	963479	61.63	ng	-0.03
78) Terphenyl-d14	12.75	244	977350	48.65	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	190494	9.288	ng	99

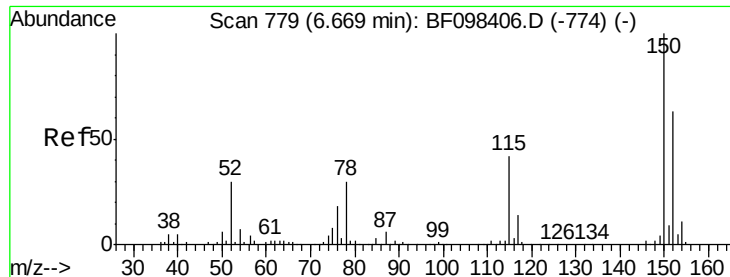
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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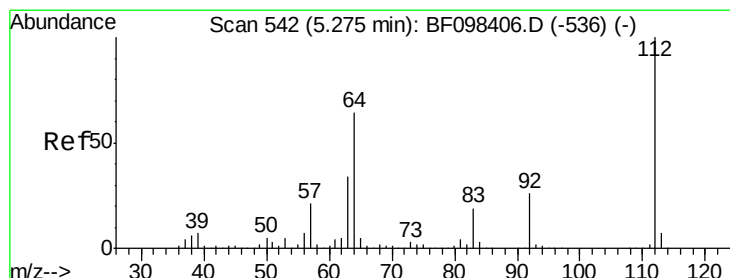
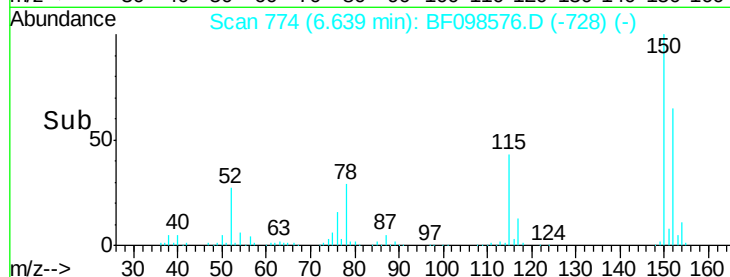
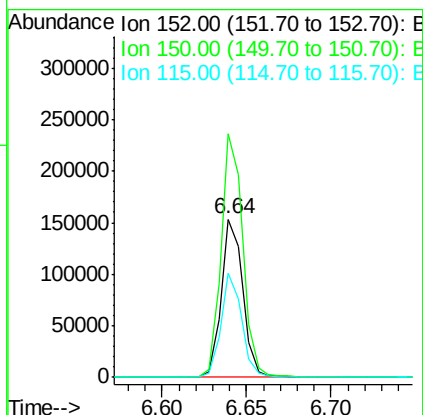
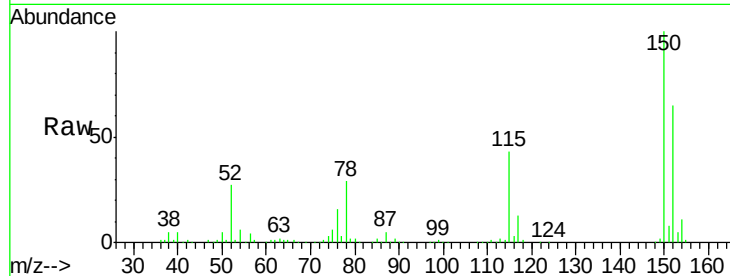


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

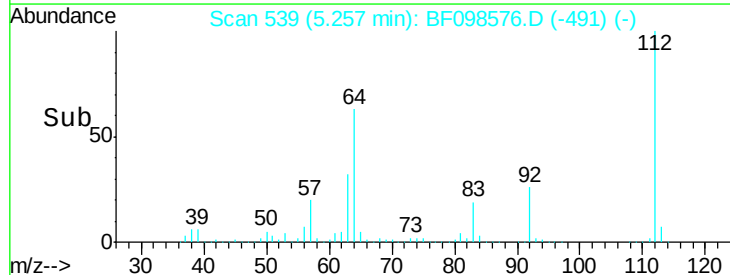
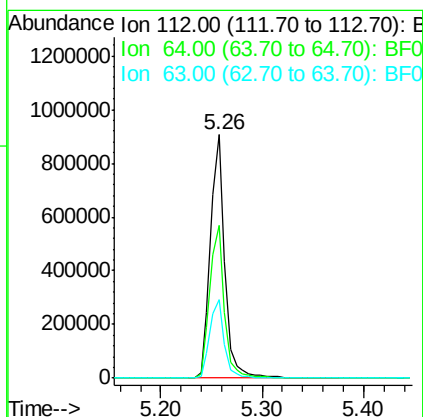
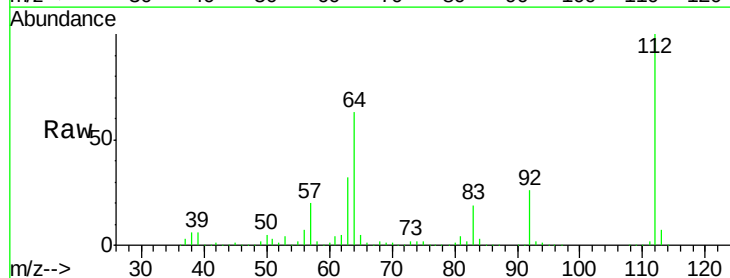
Tgt Ion:152 Resp: 136678
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 66.0 52.2 78.2

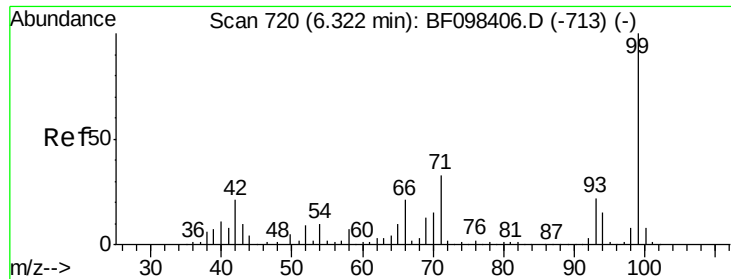


#5

2-Fluorophenol
Concen: 97.484 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Tgt Ion:112 Resp: 901168
Ion Ratio Lower Upper
112 100
64 62.9 46.0 69.0
63 32.2 23.4 35.0





#7

Phenol-d6

Concen: 95.130 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098576.D

Acq: 15 Sep 2017 18:39

Instrument :

BNA_F

ClientSampleId :

UT5400S16

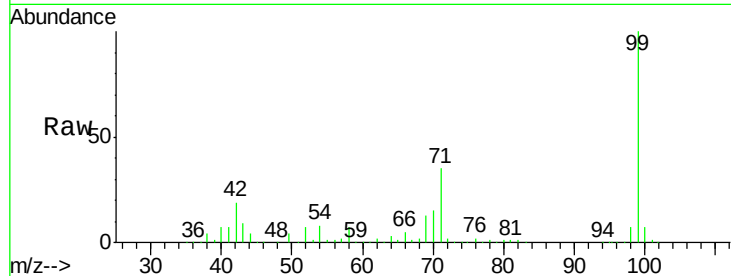
Tgt Ion: 99 Resp: 1116547

Ion Ratio Lower Upper

99 100

42 18.9 13.5 20.3

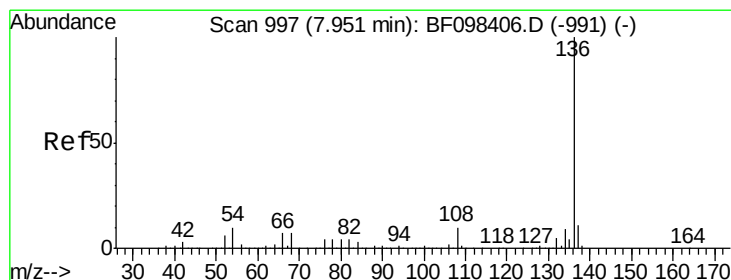
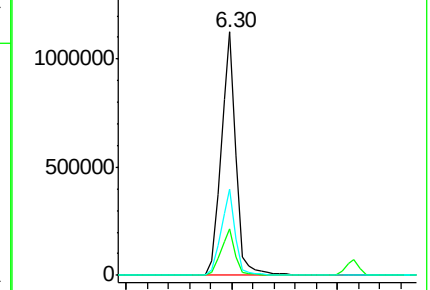
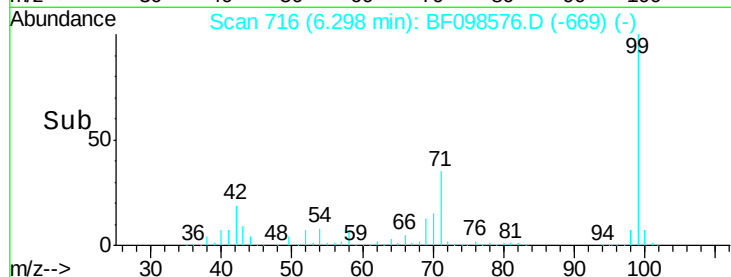
71 35.5 24.5 36.7



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: BF098576.D

Acq: 15 Sep 2017 18:39

Tgt Ion: 136 Resp: 561655

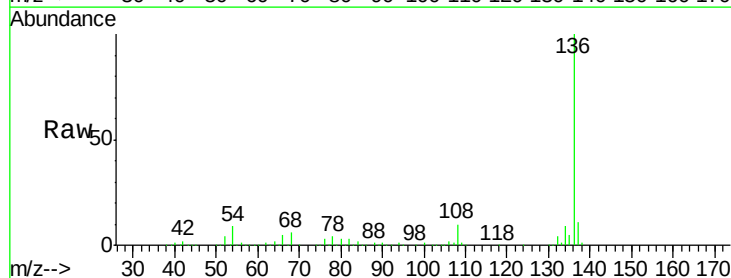
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 8.6 4.9 7.3#

68 5.6 4.1 6.1

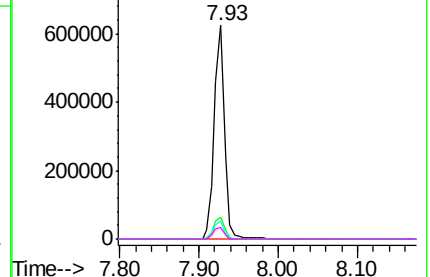
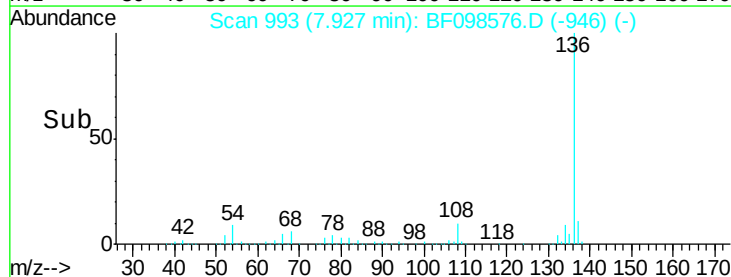


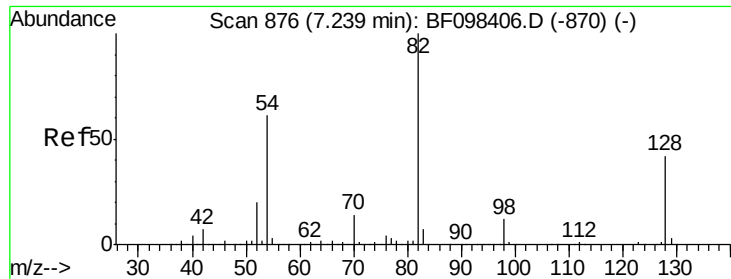
Abundance Ion 136.00 (135.70 to 136.70): E

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

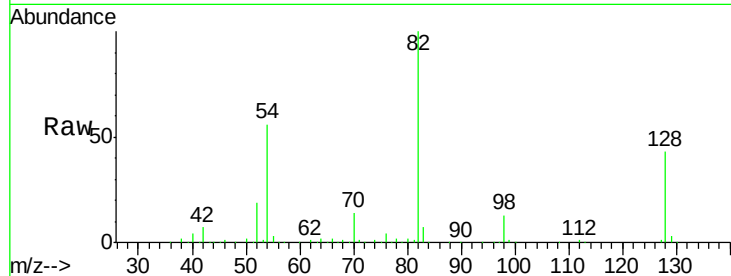




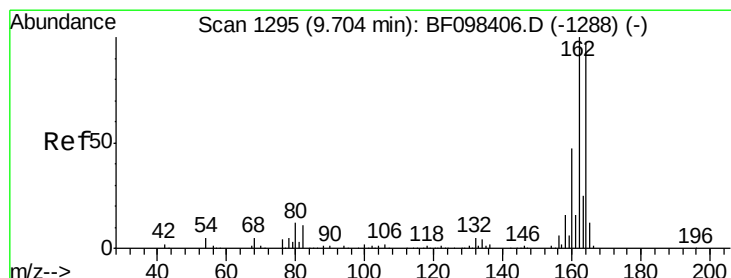
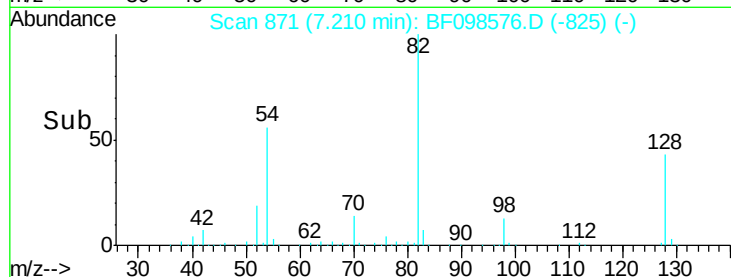
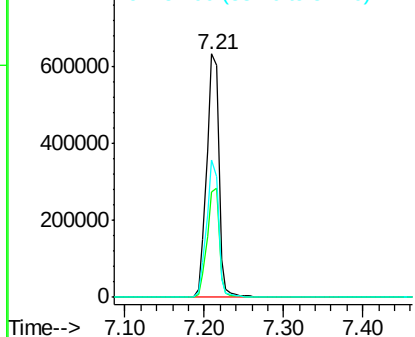
#23
 Nitrobenzene-d5
 Concen: 68.619 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.03 min
 Lab File: BF098576.D
 Acq: 15 Sep 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	56.4	42.2	63.2

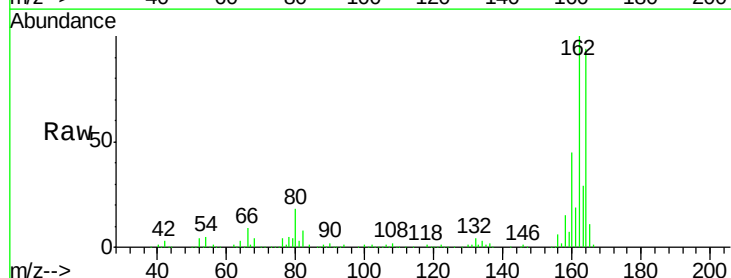


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

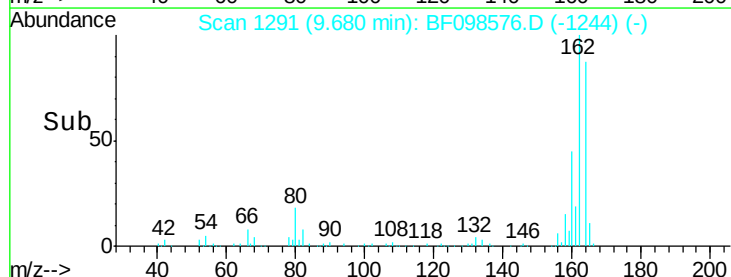
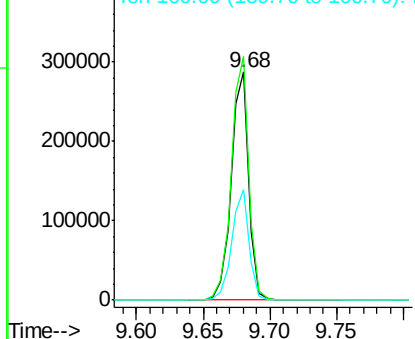


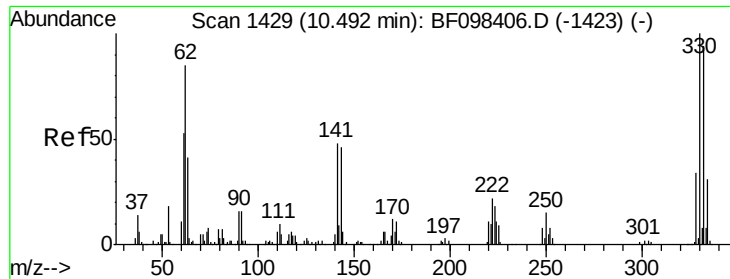
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF098576.D
 Acq: 15 Sep 2017 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.6	123.8
160	48.3	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

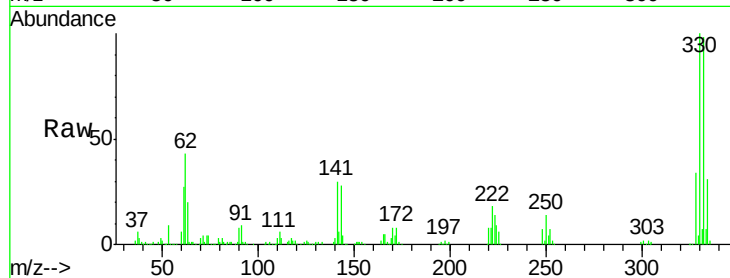




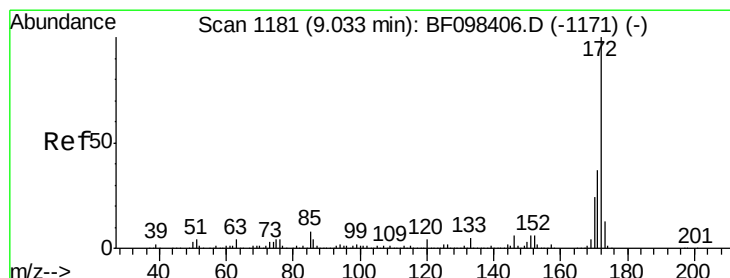
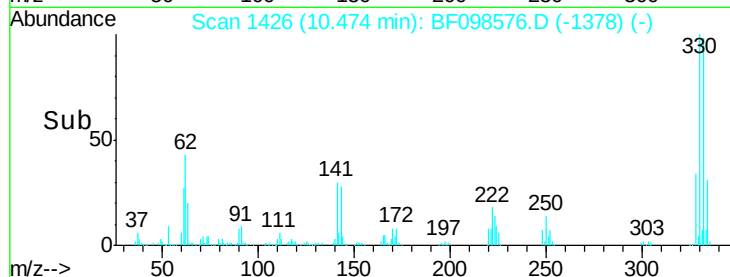
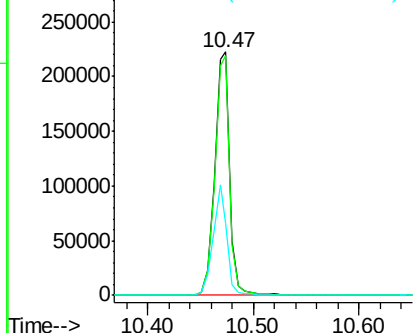
#41
 2,4,6-Tribromophenol
 Concen: 127.040 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098576.D
 Acq: 15 Sep 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16

Tgt Ion: 330 Resp: 224657
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 41.6 31.4 47.2

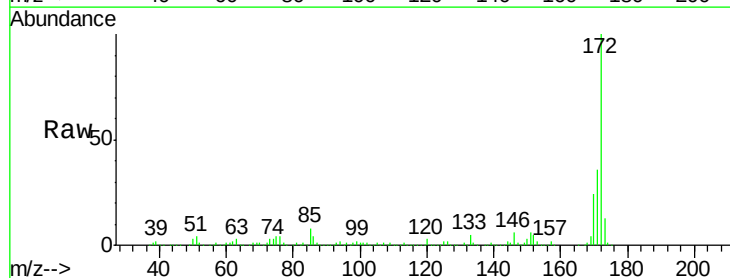


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

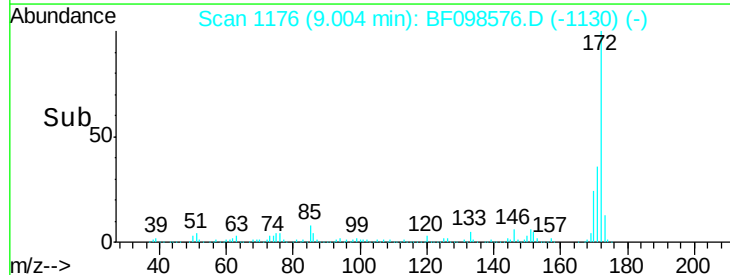
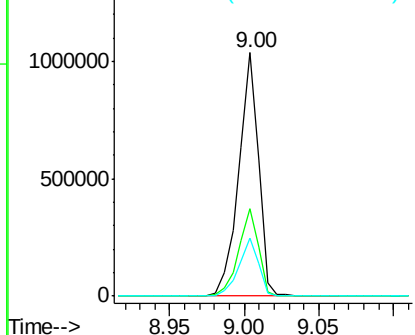


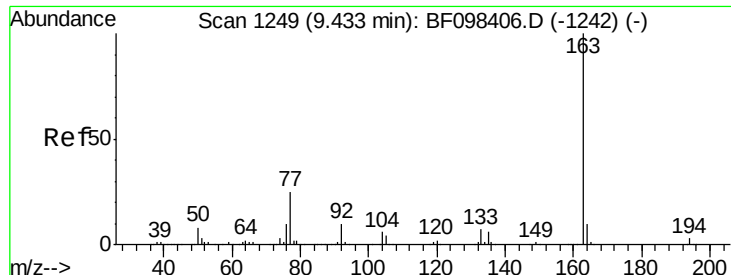
#44
 2-Fluorobiphenyl
 Concen: 61.632 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098576.D
 Acq: 15 Sep 2017 18:39

Tgt Ion: 172 Resp: 963479
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.9 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

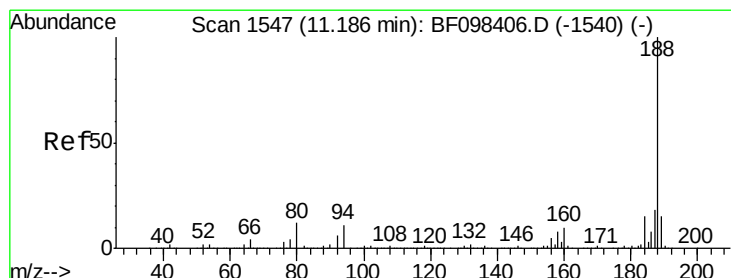
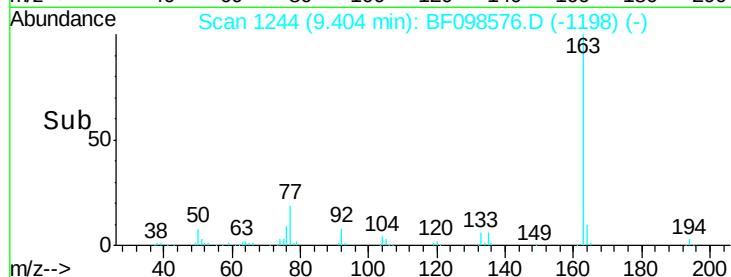
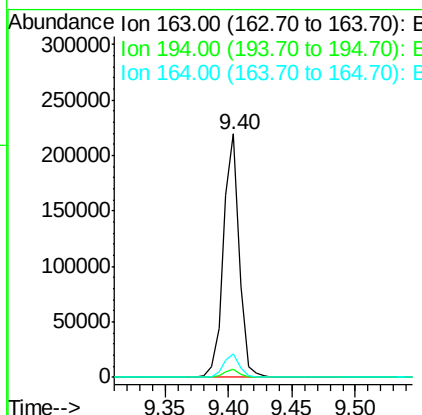
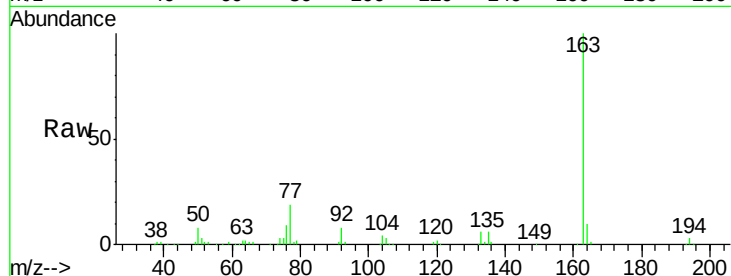




#49
 Dimethylphthalate
 Concen: 9.288 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF098576.D
 Acq: 15 Sep 2017 18:39

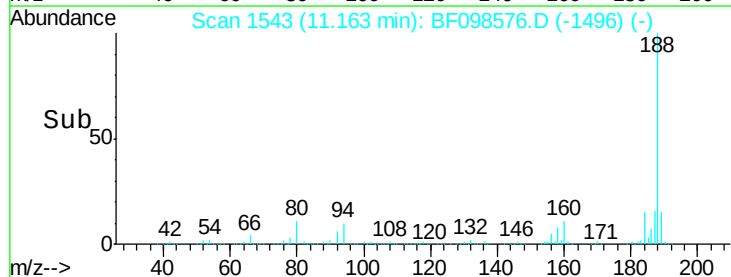
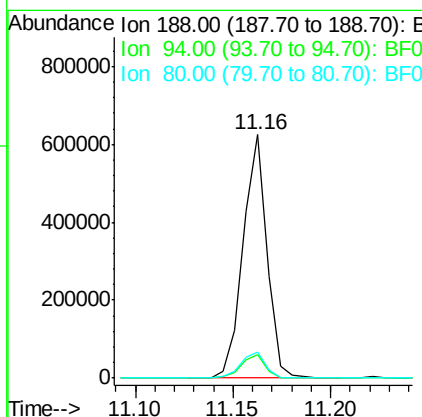
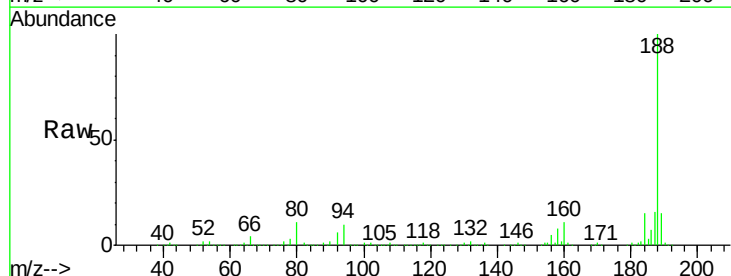
Instrument :
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 ClientSampleId :
 UT5400S16

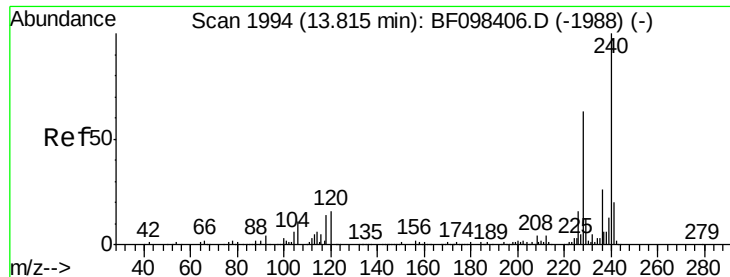
Tgt Ion:	163	Resp:	190494
Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098576.D
 Acq: 15 Sep 2017 18:39

Tgt Ion:	188	Resp:	529802
Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.5	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098576.D

Acq: 15 Sep 2017 18:39

Instrument :

BNA_F

ClientSampleId :

UT5400S16

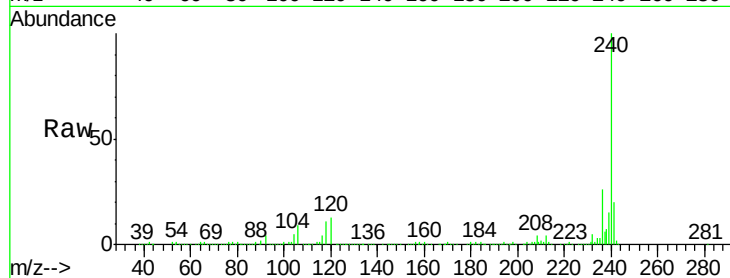
Tgt Ion:240 Resp: 433646

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

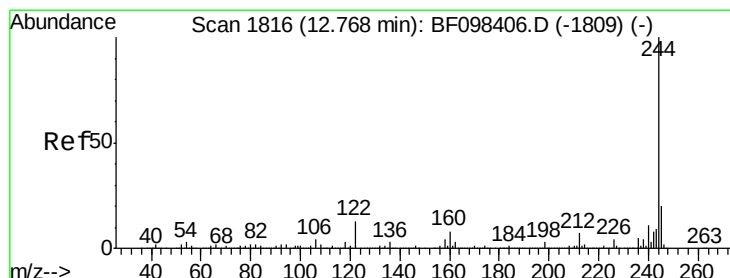
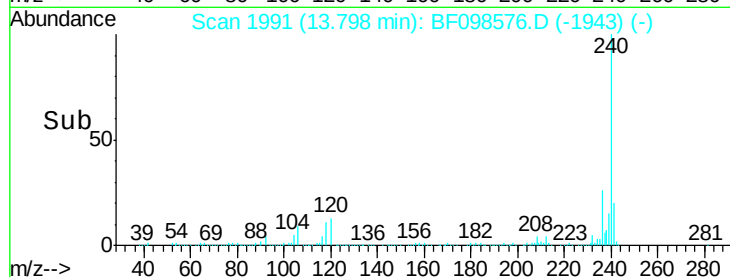
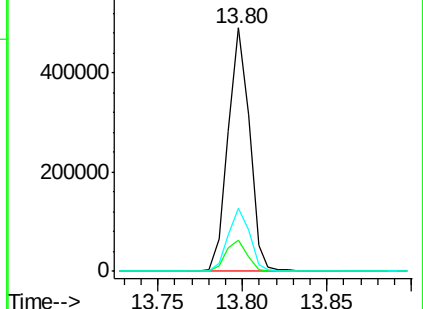
236 26.1 20.5 30.7



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: 48.647 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098576.D

Acq: 15 Sep 2017 18:39

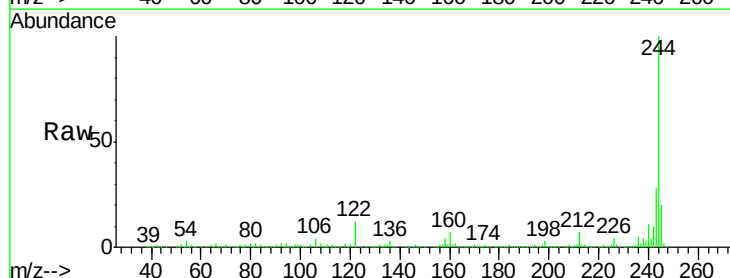
Tgt Ion:244 Resp: 977350

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

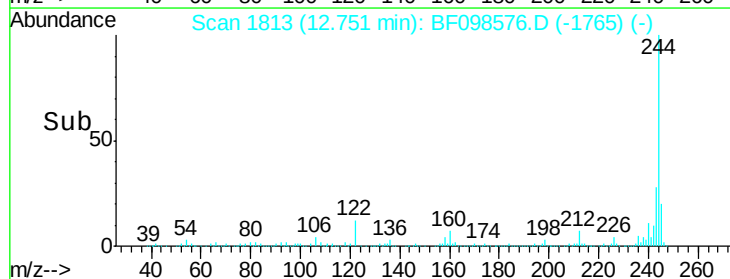
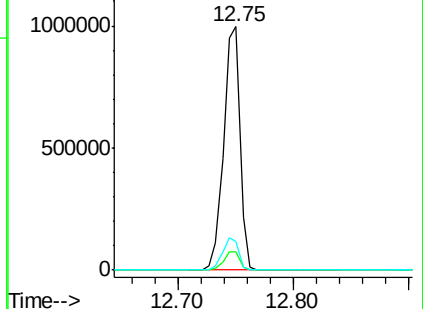
122 11.7 10.3 15.5

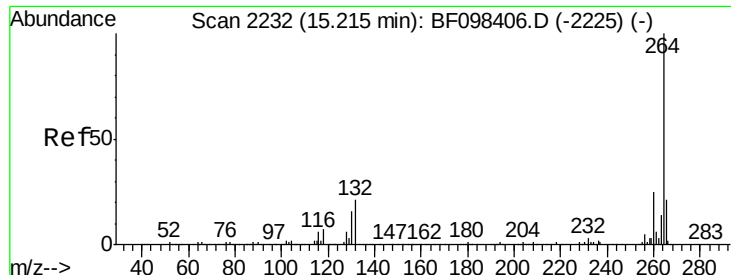


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

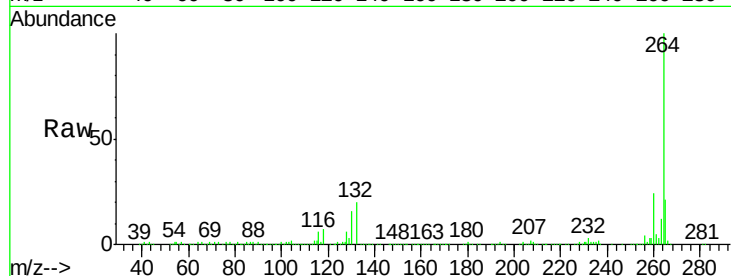




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.9	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

