

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098575.D
 Acq On : 15 Sep 2017 18:11
 Operator : SJ/JU
 Sample : PB102329BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BL

Quant Time: Sep 16 02:38:36 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	130336	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	537501	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	253409	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	500937	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	439222	20.00	ng	-0.02
86) Perylene-d12	15.20	264	371731	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1088487	123.48	ng	-0.01
7) Phenol-d6	6.30	99	1338279	119.57	ng	-0.02
23) Nitrobenzene-d5	7.22	82	801333	83.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	282674	167.13	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1461171	97.73	ng	-0.03
78) Terphenyl-d14	12.75	244	1432560	70.40	ng	-0.02

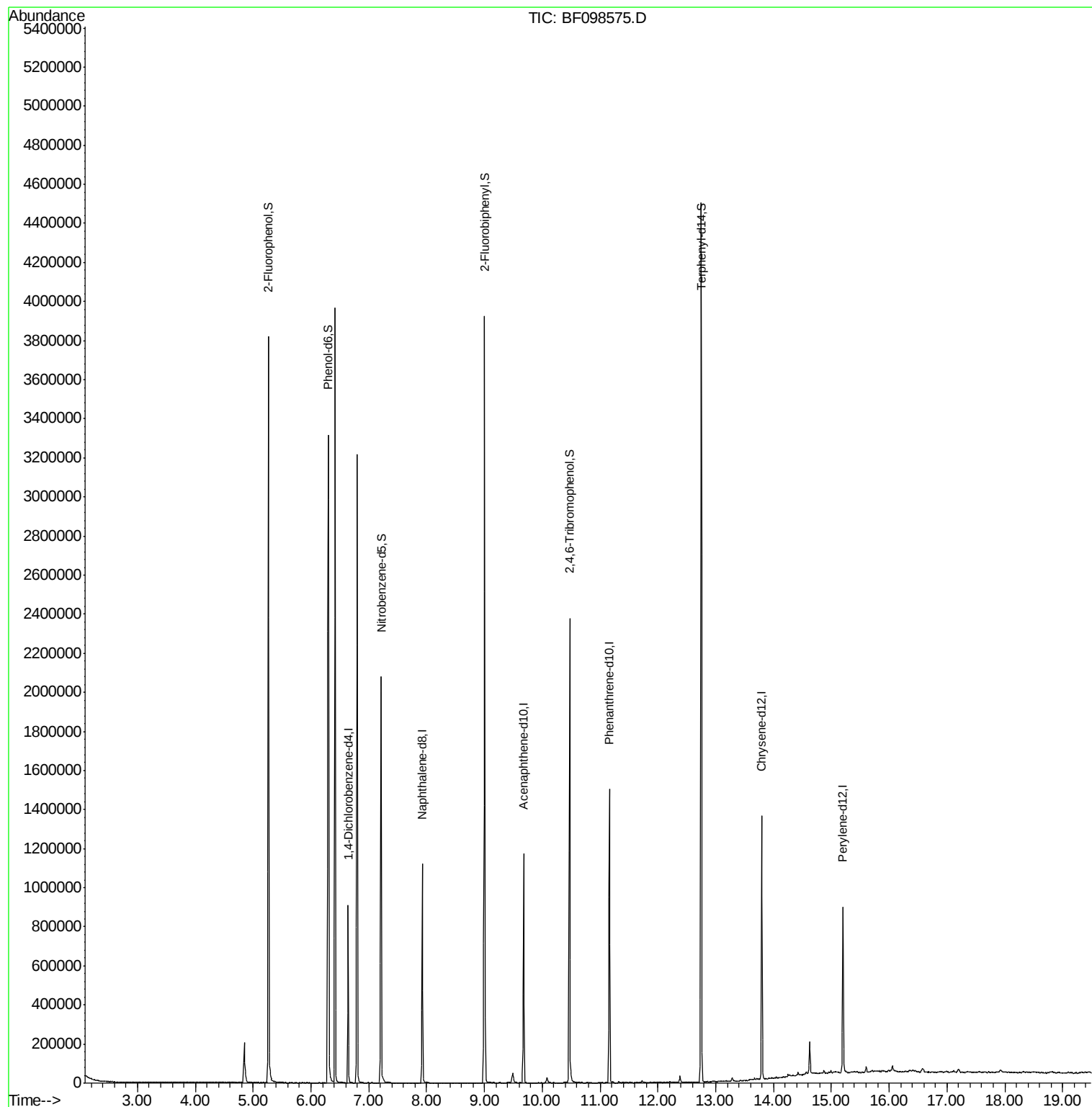
Target Compounds	Qvalue
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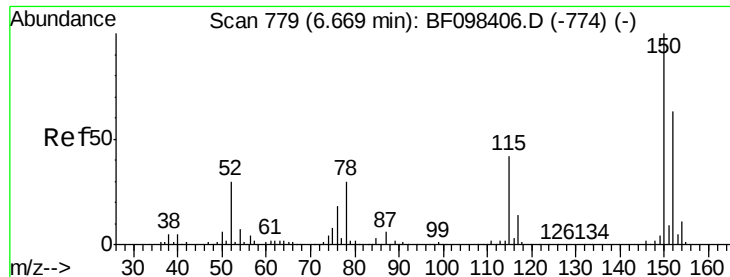
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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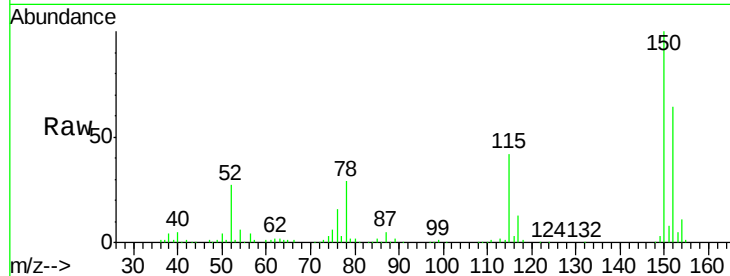


#1

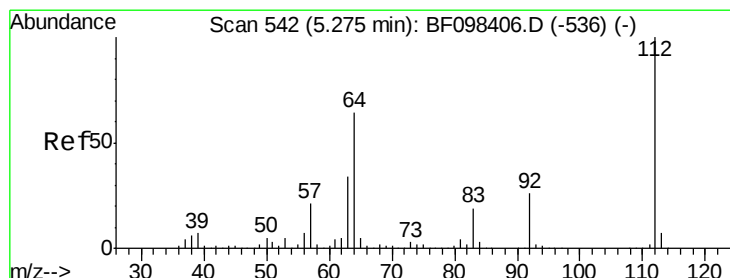
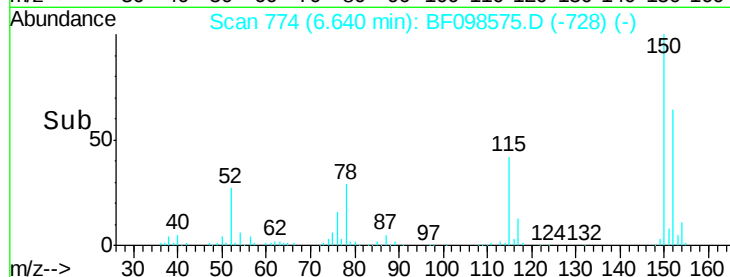
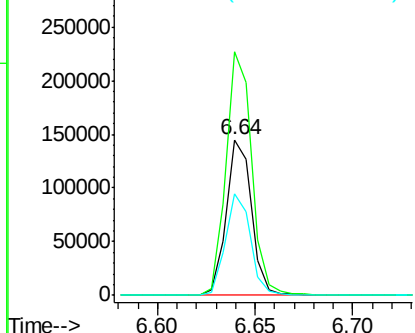
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF098575.D
Acq: 15 Sep 2017 18:11

Instrument :
BNA_F
ClientSampleId :
PB102329BL

Tgt Ion:152 Resp: 130336
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 65.0 52.2 78.2



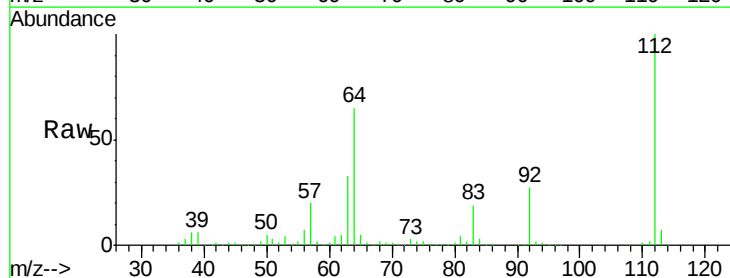
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



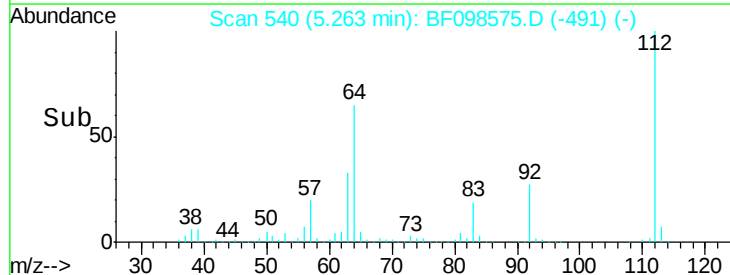
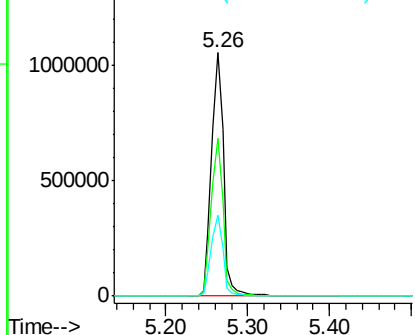
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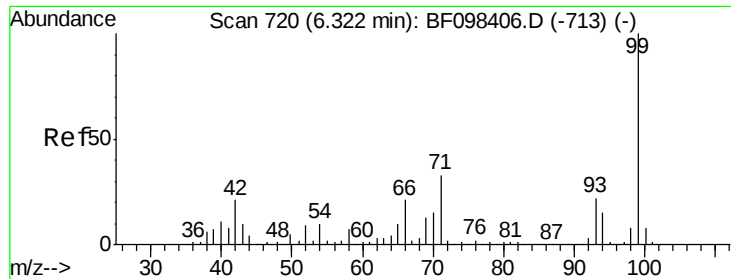
2-Fluorophenol
Concen: 123.477 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098575.D
Acq: 15 Sep 2017 18:11

Tgt Ion:112 Resp: 1088487
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 33.3 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: 119.570 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098575.D

Acq: 15 Sep 2017 18:11

Instrument :

BNA_F

ClientSampleId :

PB102329BL

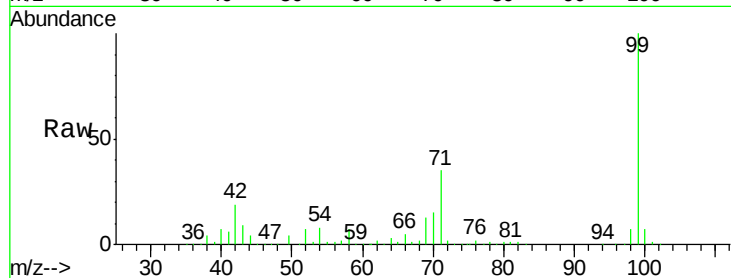
Tgt Ion: 99 Resp: 1338279

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

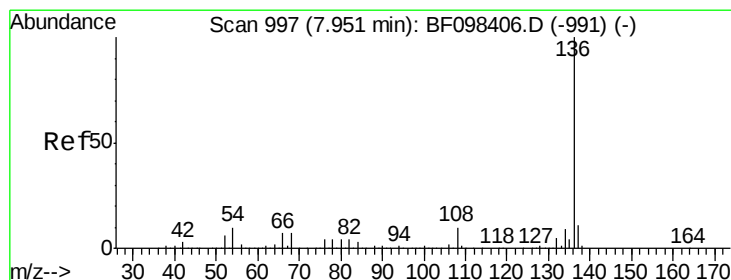
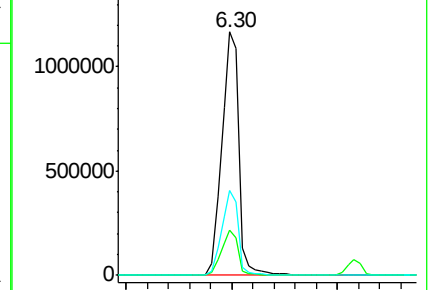
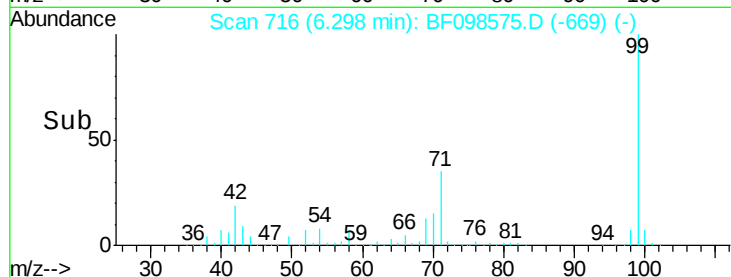
71 34.9 24.5 36.7



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: BF098575.D

Acq: 15 Sep 2017 18:11

Tgt Ion: 136 Resp: 537501

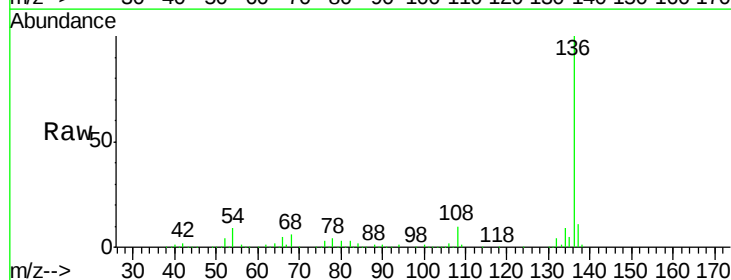
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.7 4.9 7.3#

68 5.6 4.1 6.1

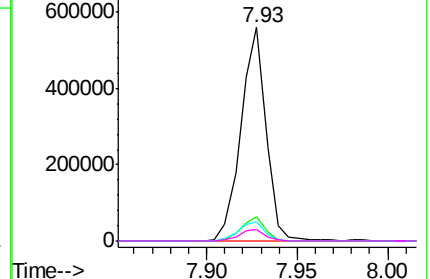
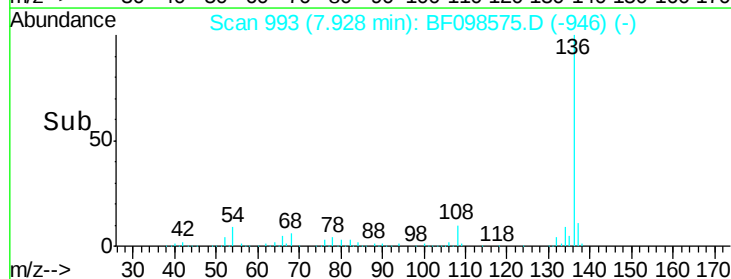


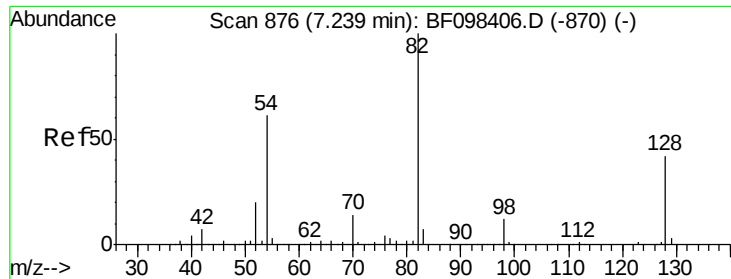
Abundance Ion 136.00 (135.70 to 136.70): E

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

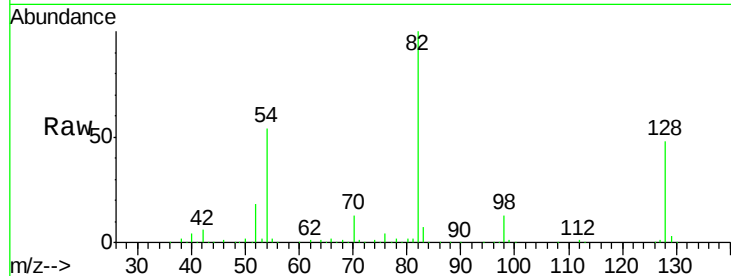




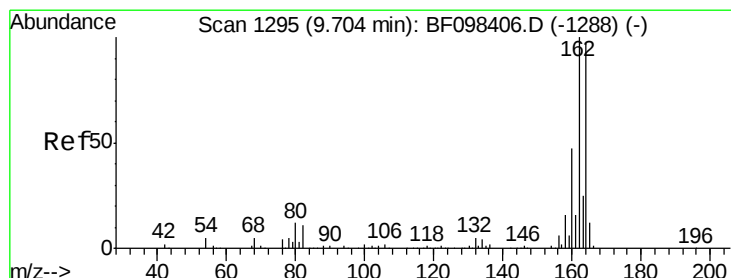
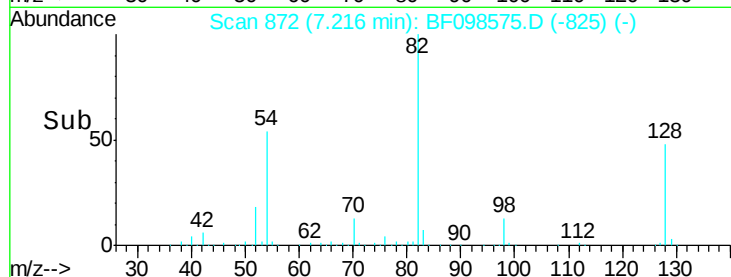
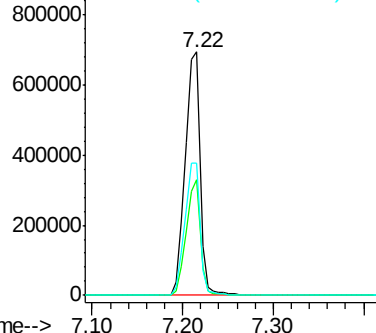
#23
 Nitrobenzene-d5
 Concen: 83.114 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF098575.D
 Acq: 15 Sep 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BL

Tgt Ion: 82 Resp: 801333
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 54.3 42.2 63.2

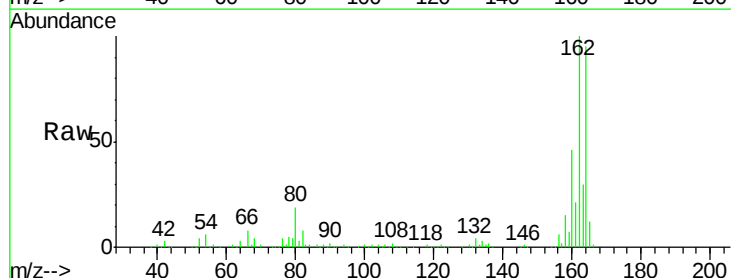


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

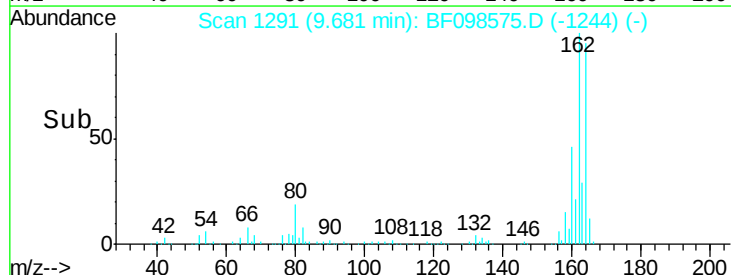
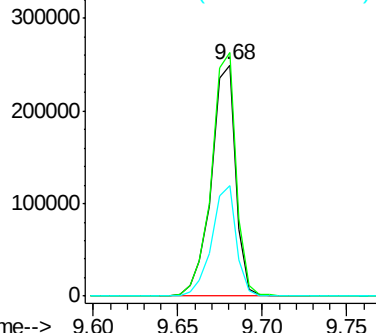


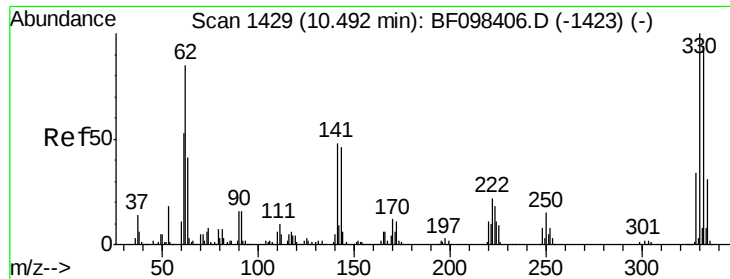
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF098575.D
 Acq: 15 Sep 2017 18:11

Tgt Ion: 164 Resp: 253409
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 48.0 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

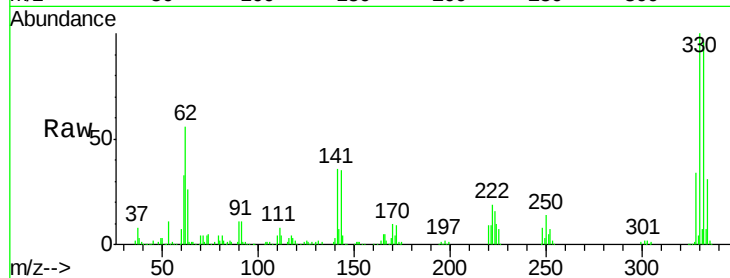




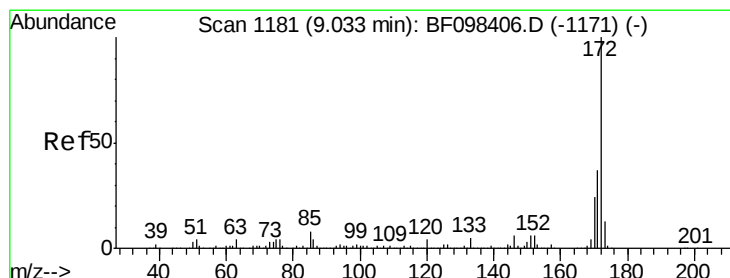
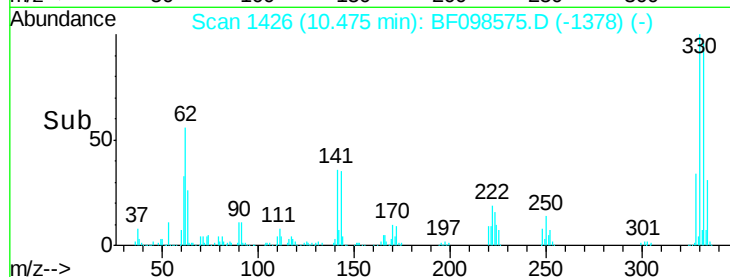
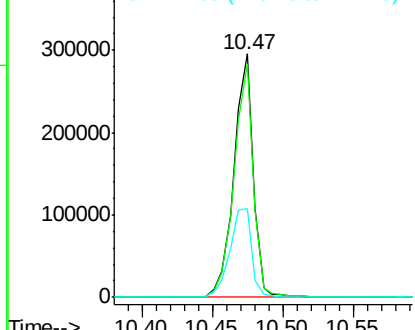
#41
 2,4,6-Tribromophenol
 Concen: 167.134 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098575.D
 Acq: 15 Sep 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BL

Tgt Ion: 330 Resp: 282674
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 41.2 31.4 47.2

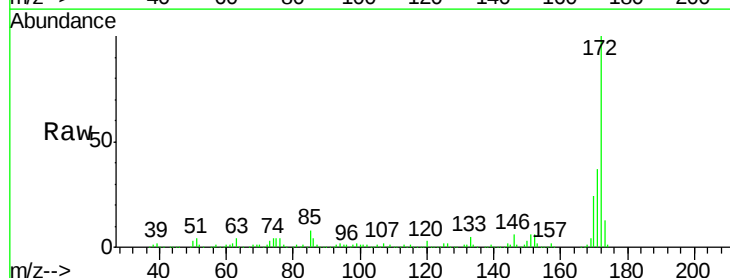


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

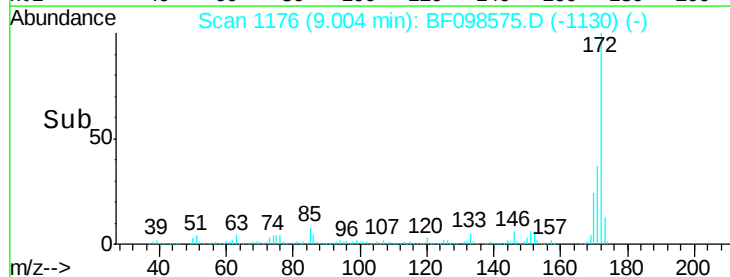
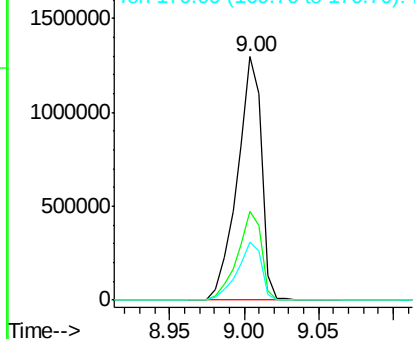


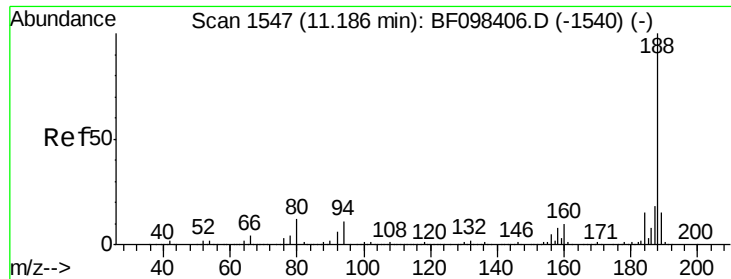
#44
 2-Fluorobiphenyl
 Concen: 97.730 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098575.D
 Acq: 15 Sep 2017 18:11

Tgt Ion: 172 Resp: 1461171
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.7 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

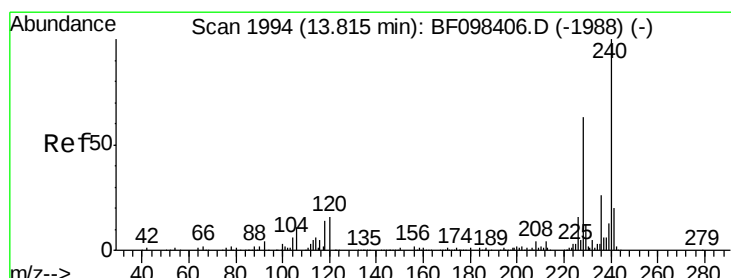
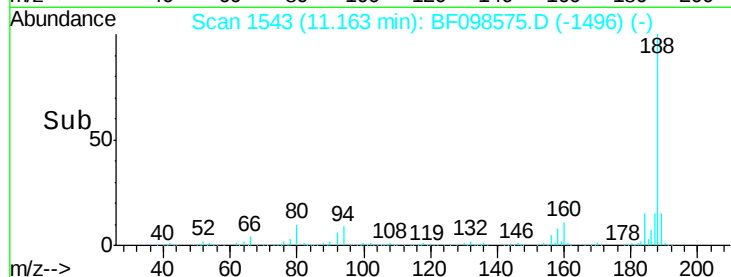
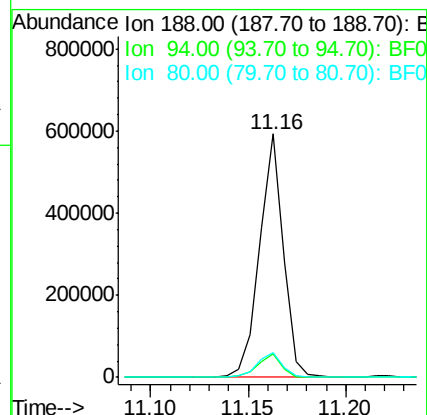
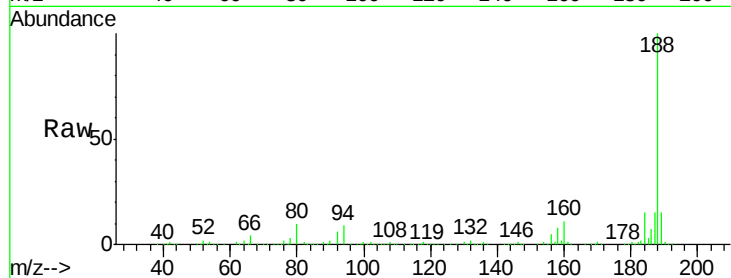




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098575.D
Acq: 15 Sep 2017 18:11

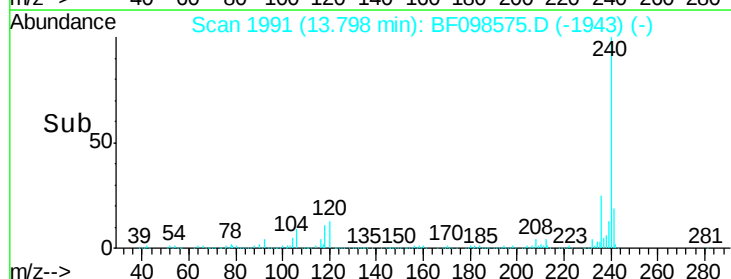
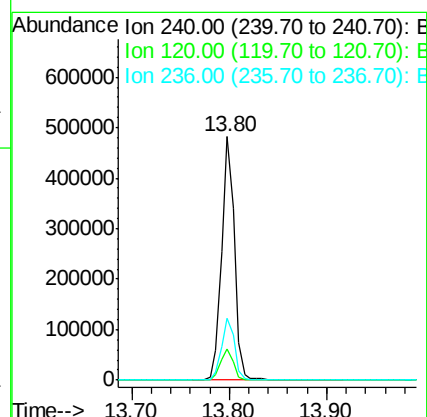
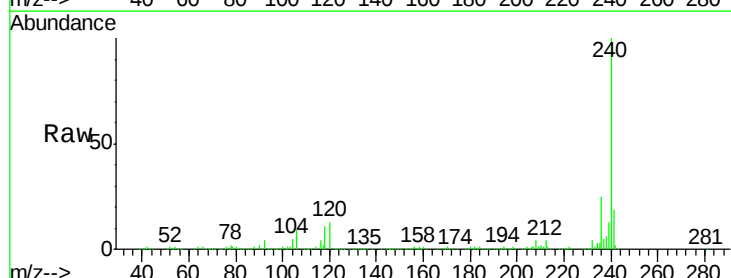
Instrument :
BNA_F
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PB102329BL

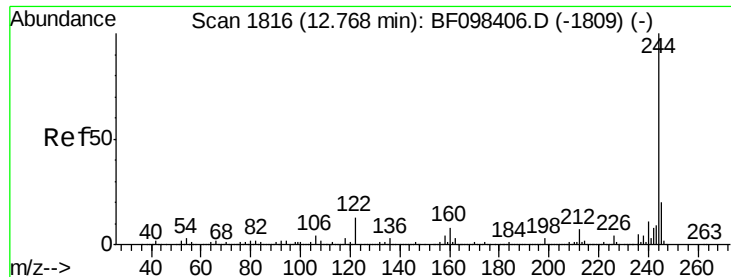
Tgt Ion:188 Resp: 500937
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 10.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098575.D
Acq: 15 Sep 2017 18:11

Tgt Ion:240 Resp: 439222
Ion Ratio Lower Upper
240 100
120 12.6 5.8 8.8#
236 25.3 20.5 30.7

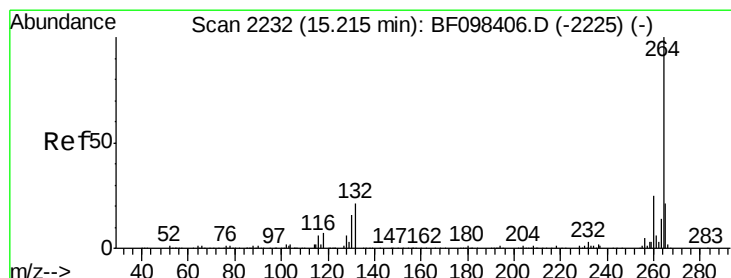
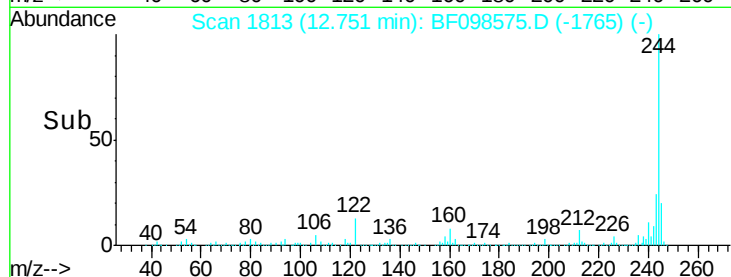
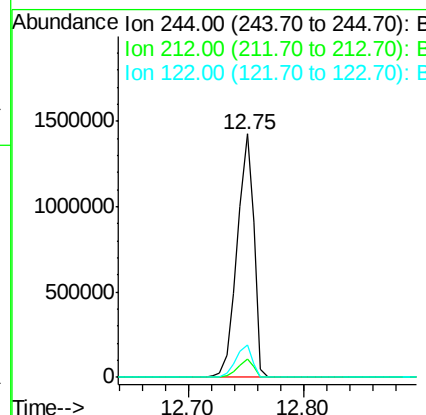
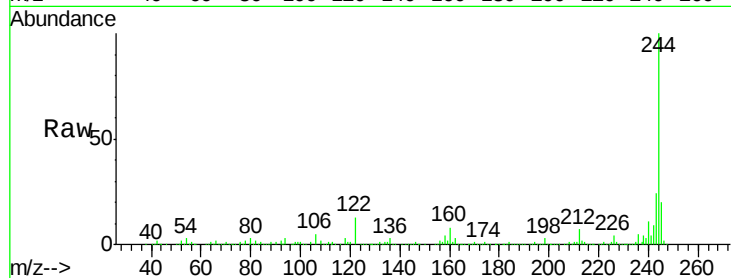




#78
 Terphenyl-d14
 Concen: 70.400 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF098575.D
 Acq: 15 Sep 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BL

Tgt Ion:244 Resp: 1432560
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF098575.D
 Acq: 15 Sep 2017 18:11

Tgt Ion:264 Resp: 371731
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.5 17.2 25.8

