

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098526.D
 Acq On : 14 Sep 2017 13:48
 Operator : SJ/JU
 Sample : I5201-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-091117RE

Quant Time: Sep 21 17:04:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 16:40:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	140820	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	578457	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	259784	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	469579	20.00	ng	0.00
75) Chrysene-d12	13.79	240	273154	20.00	ng	-0.01
86) Perylene-d12	15.19	264	300071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	48814	5.13	ng	0.02
7) Phenol-d6	6.31	99	20375	1.68	ng	0.00
23) Nitrobenzene-d5	7.22	82	757683	73.02	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	107609	62.06	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1329378	86.73	ng	0.00
78) Terphenyl-d14	12.74	244	1175423	92.88	ng	0.00

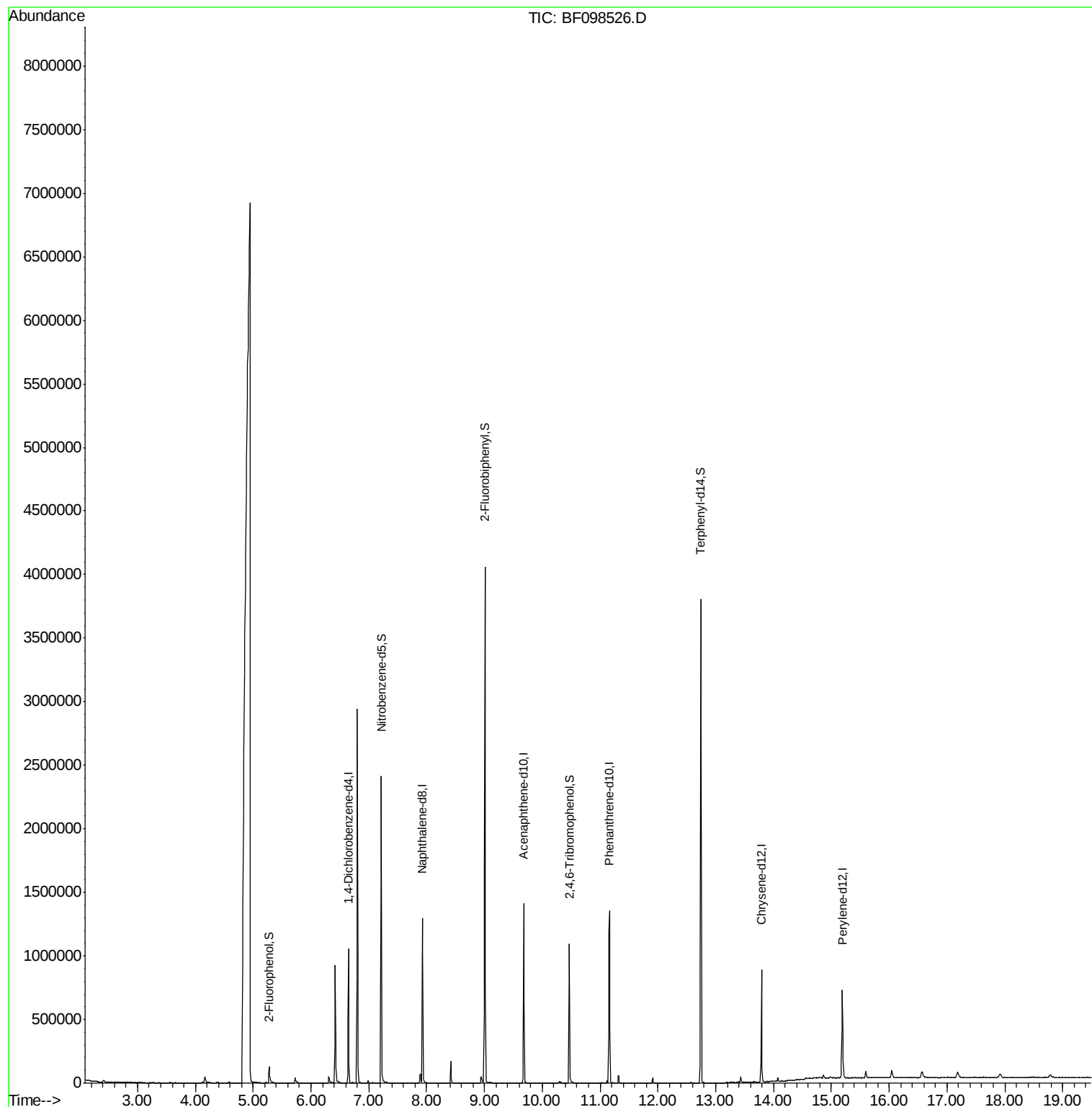
Target Compounds	Qvalue
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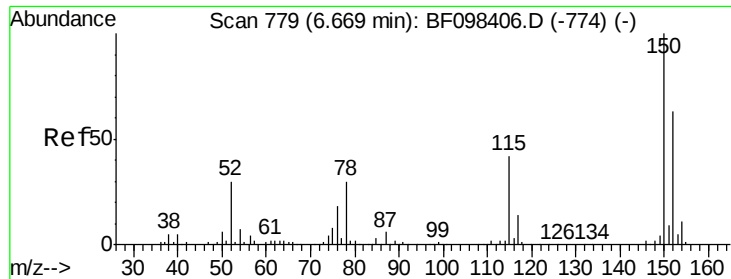
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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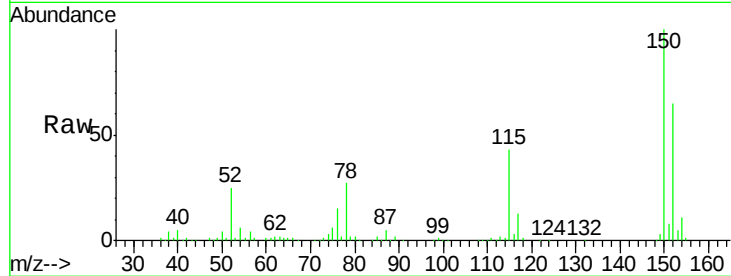


#1

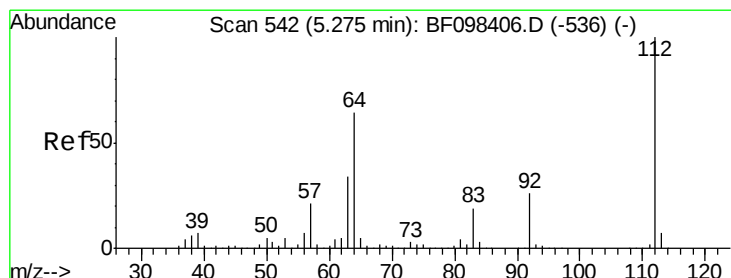
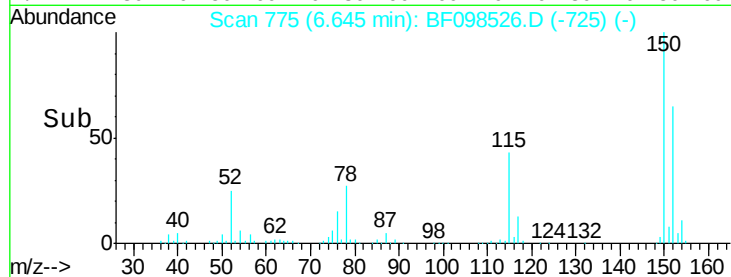
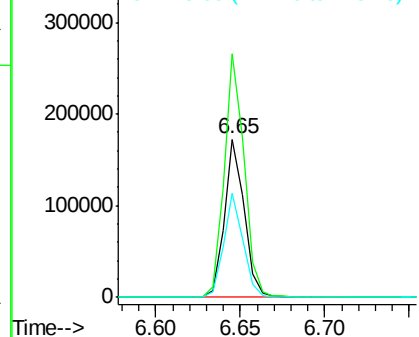
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF098526.D
Acq: 14 Sep 2017 13:48

Instrument :
BNA_F
ClientSampleId :
SU-03-091117RE

Tgt Ion:152 Resp: 140820
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 66.2 52.2 78.2



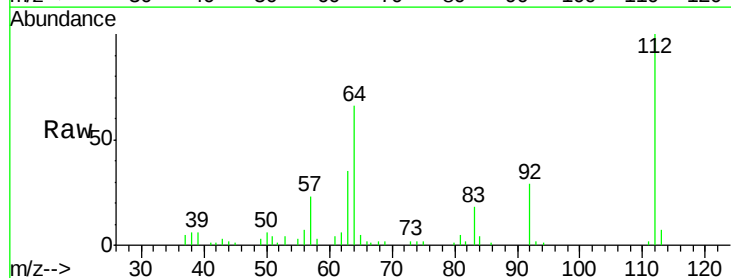
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



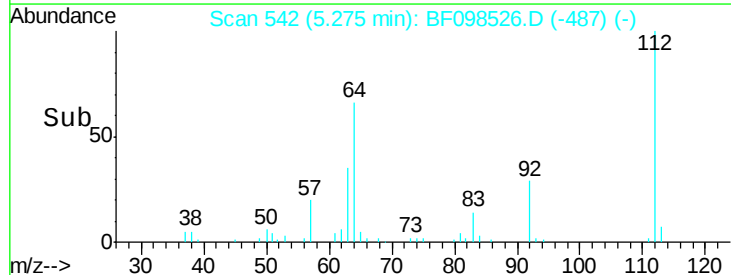
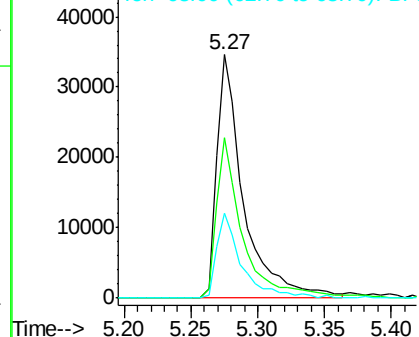
#5

2-Fluorophenol
Concen: 5.125 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.02 min
Lab File: BF098526.D
Acq: 14 Sep 2017 13:48

Tgt Ion:112 Resp: 48814
Ion Ratio Lower Upper
112 100
64 65.7 46.0 69.0
63 35.1 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: 1.685 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

Instrument :

BNA_F

ClientSampleId :

SU-03-091117RE

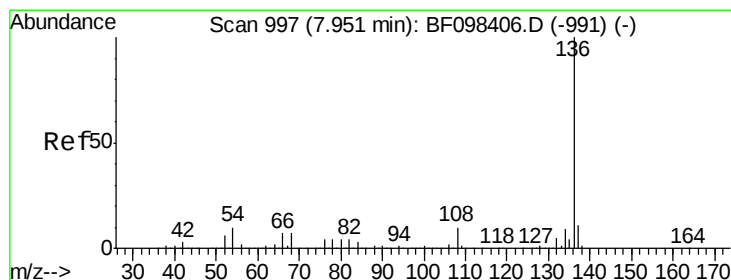
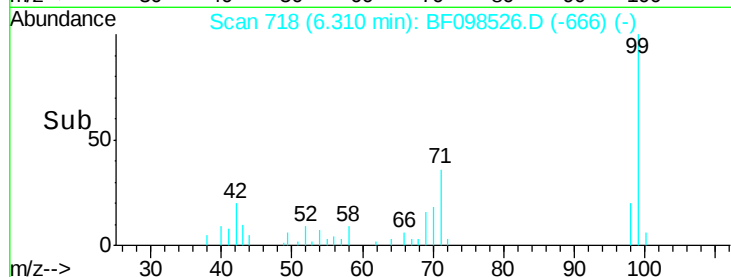
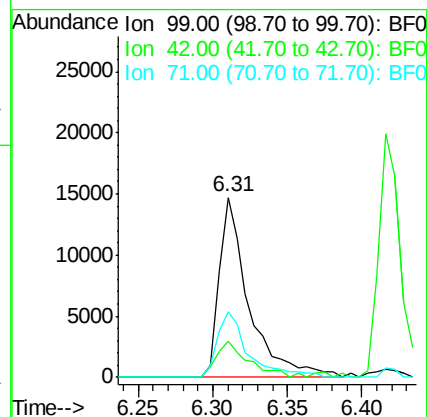
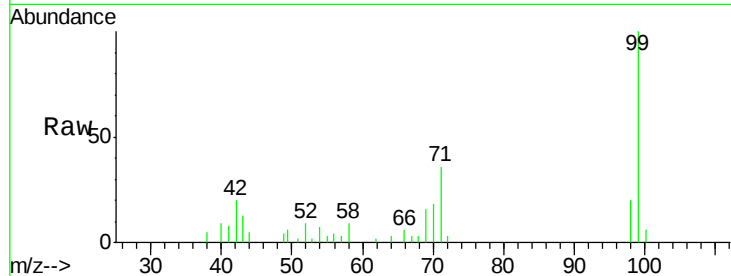
Tgt Ion: 99 Resp: 20375

Ion Ratio Lower Upper

99 100

42 20.3 13.5 20.3#

71 36.4 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

Tgt Ion: 136 Resp: 578457

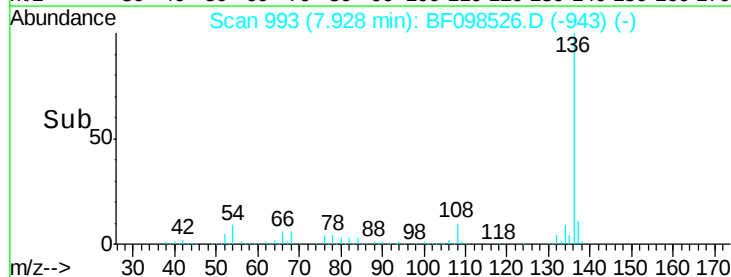
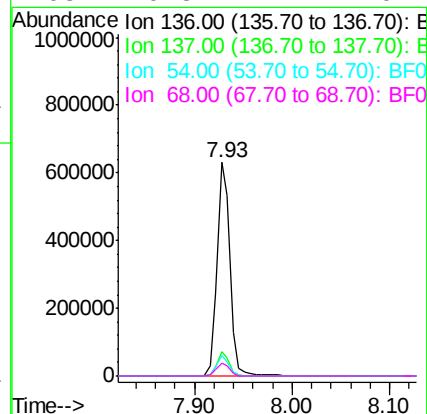
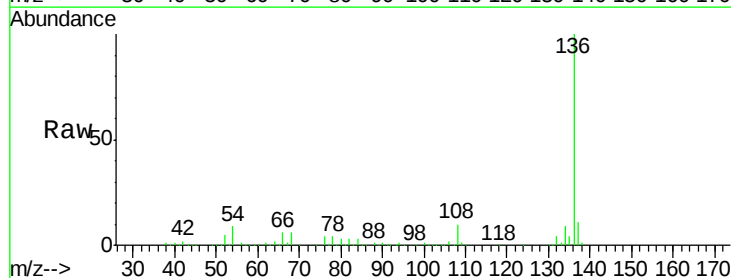
Ion Ratio Lower Upper

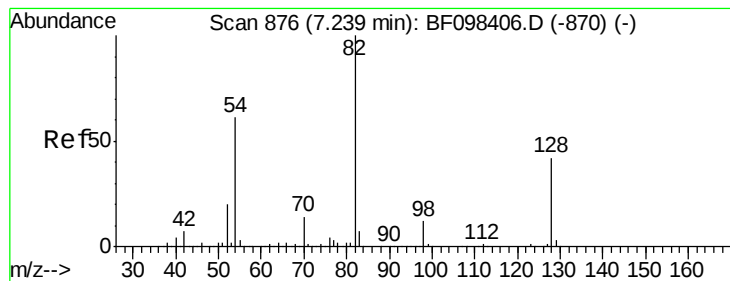
136 100

137 11.2 8.5 12.7

54 9.3 4.9 7.3#

68 6.3 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 73.023 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

Instrument :

BNA_F

ClientSampleId :

SU-03-091117RE

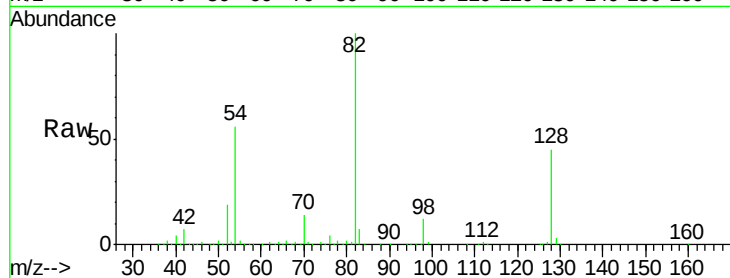
Tgt Ion: 82 Resp: 757683

Ion Ratio Lower Upper

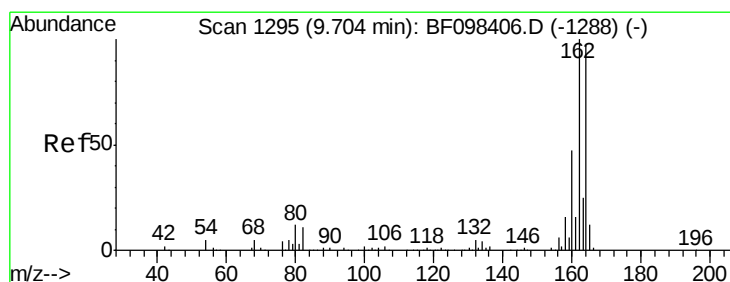
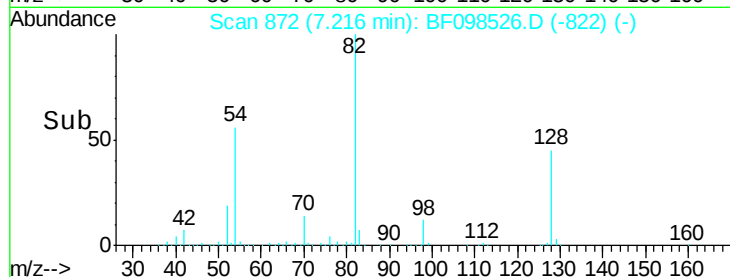
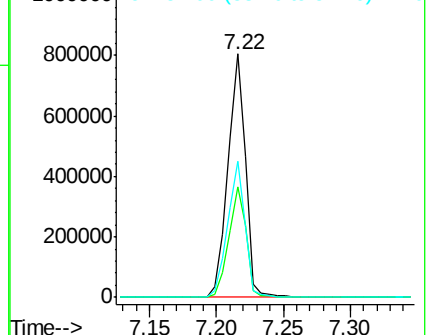
82 100

128 45.2 34.0 51.0

54 56.0 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

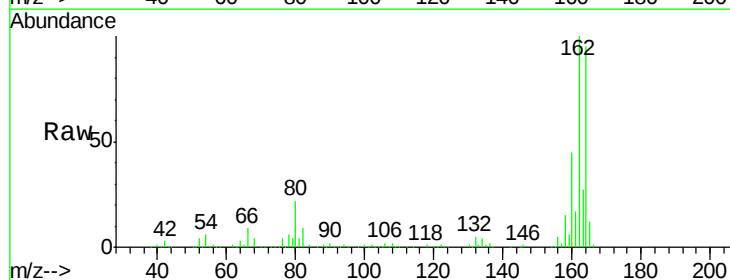
Tgt Ion: 164 Resp: 259784

Ion Ratio Lower Upper

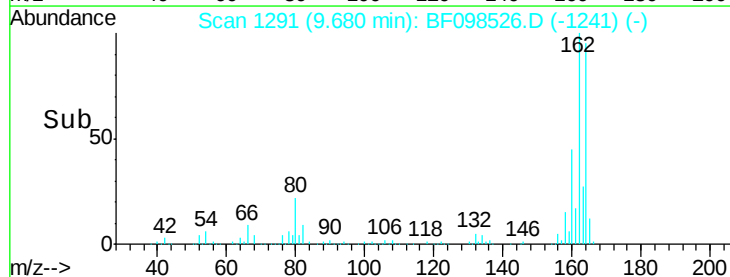
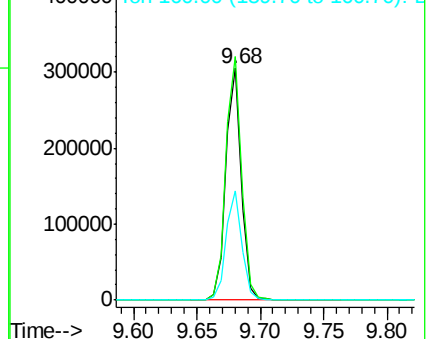
164 100

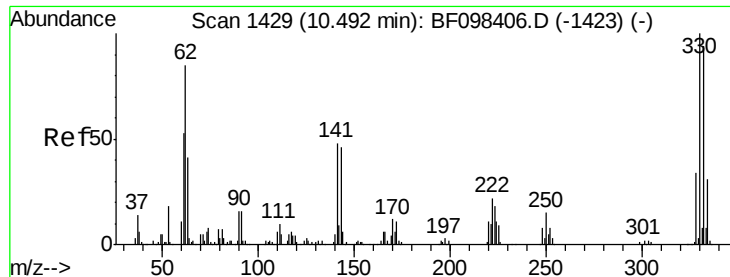
162 105.0 82.6 123.8

160 47.3 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

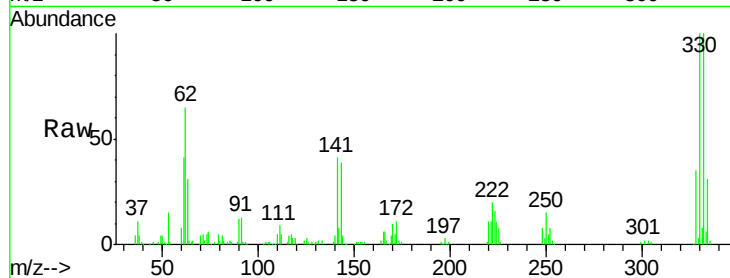




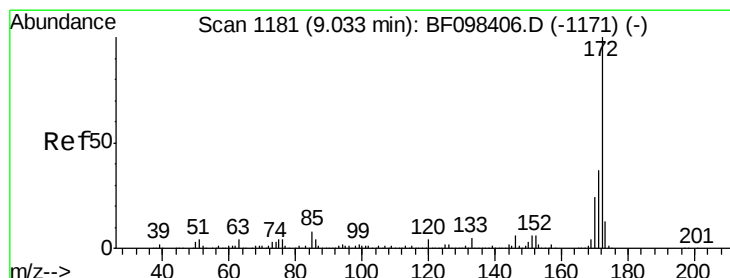
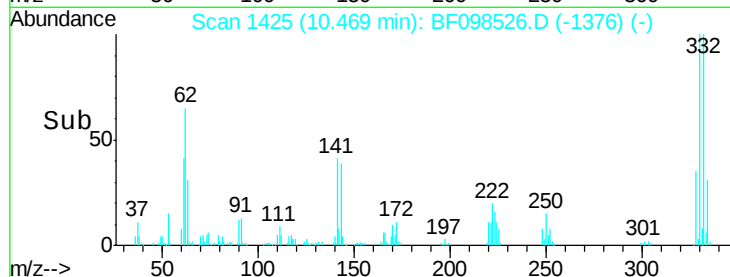
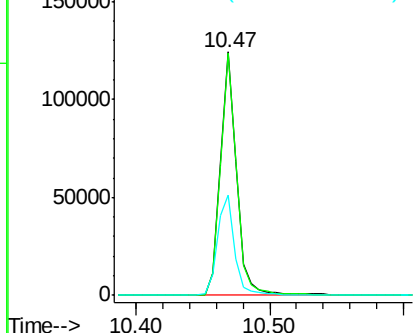
#41
 2,4,6-Tribromophenol
 Concen: 62.064 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF098526.D
 Acq: 14 Sep 2017 13:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-091117RE

Tgt Ion:330 Resp: 107609
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.6 115.0
 141 43.2 31.4 47.2

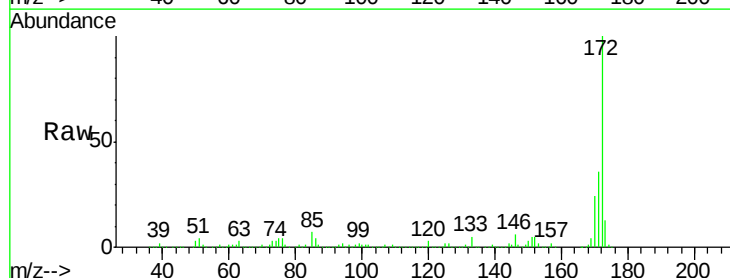


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

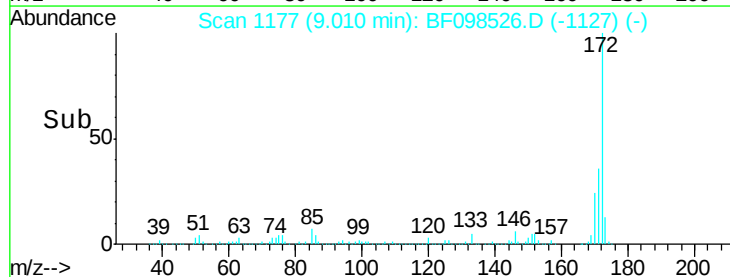
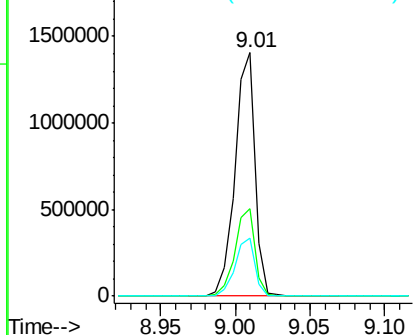


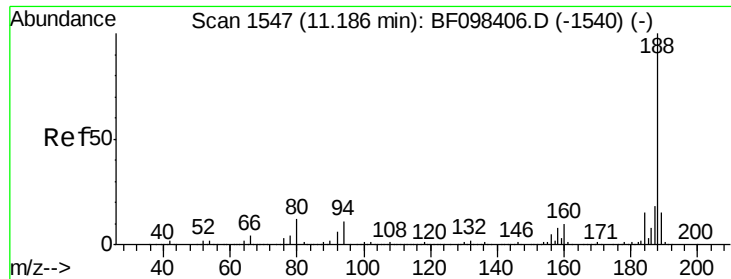
#44
 2-Fluorobiphenyl
 Concen: 86.733 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF098526.D
 Acq: 14 Sep 2017 13:48

Tgt Ion:172 Resp: 1329378
 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

Instrument :

BNA_F

ClientSampleId :

SU-03-091117RE

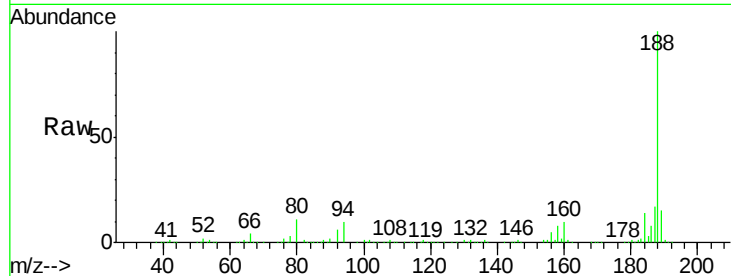
Tgt Ion:188 Resp: 469579

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

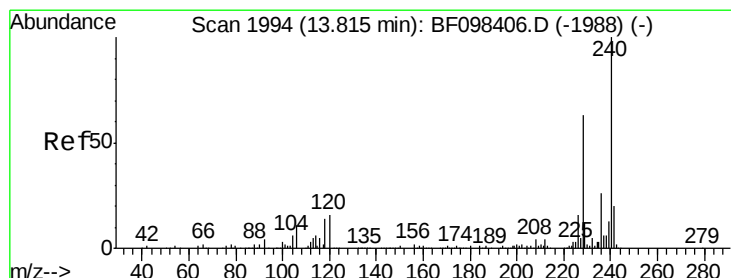
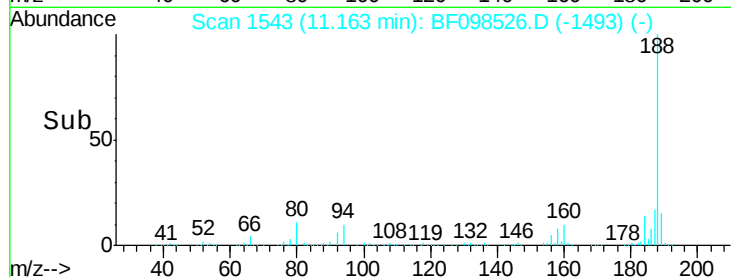
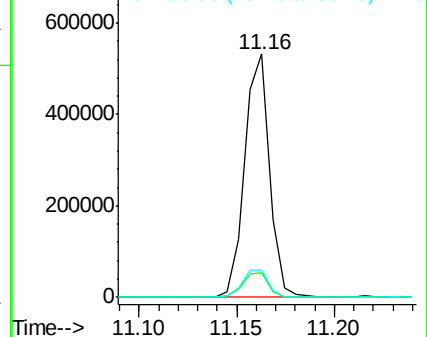
80 11.0 10.2 15.2



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: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

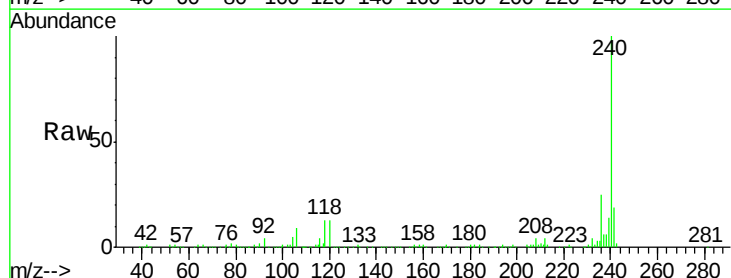
Tgt Ion:240 Resp: 273154

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

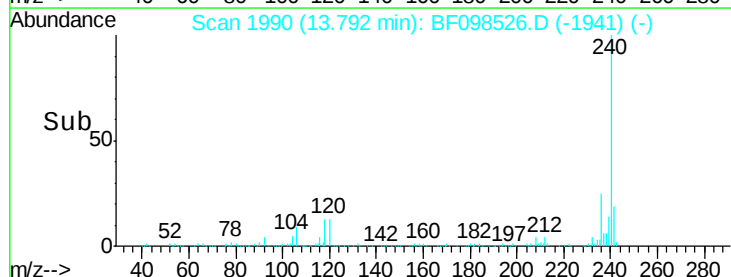
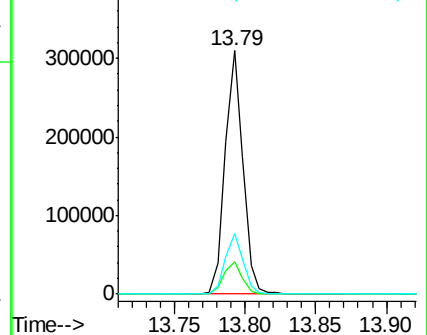
236 25.1 20.5 30.7

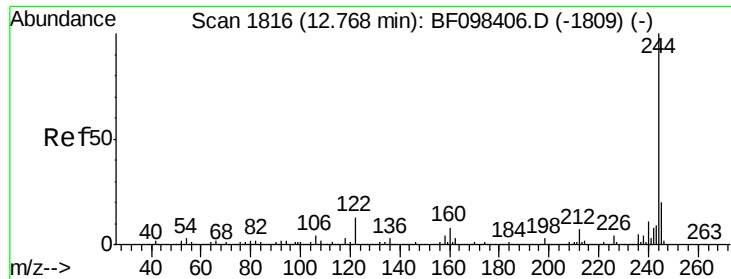


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

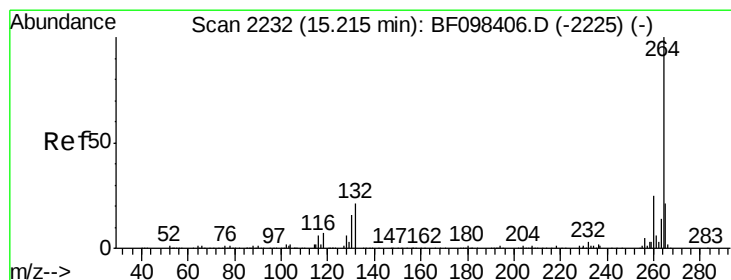
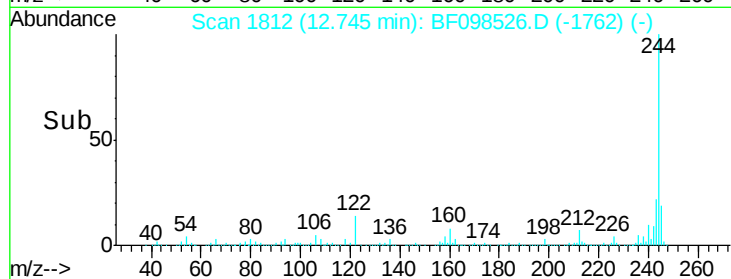
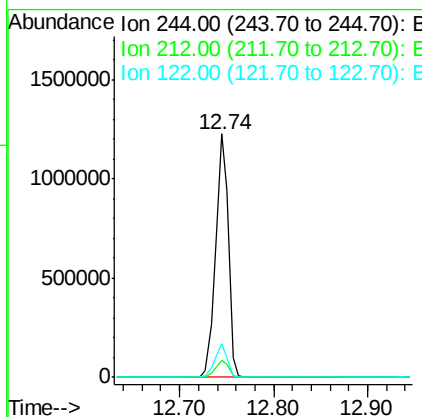
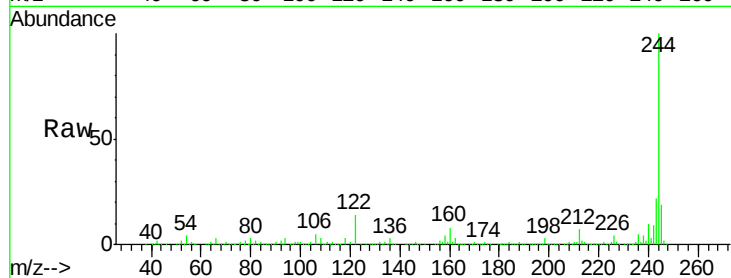




#78
 Terphenyl-d14
 Concen: 92.882 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF098526.D
 Acq: 14 Sep 2017 13:48

Instrument :
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 SU-03-091117RE

Tgt Ion:244 Resp: 1175423
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.19 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF098526.D
 Acq: 14 Sep 2017 13:48

Tgt Ion:264 Resp: 300071
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.1 17.2 25.8

