

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098515.D
 Acq On : 14 Sep 2017 3:20
 Operator : SJ/JU
 Sample : I5159-08 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-42-A1

Quant Time: Sep 14 08:00:55 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	6.66	152	152403	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	585547	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	221574	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	344325	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	316958	20.00	ng	-0.01
86) Perylene-d12	15.20	264	228020	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	80732	7.83	ng	-0.01
7) Phenol-d6	6.31	99	103172	7.88	ng	-0.01
23) Nitrobenzene-d5	7.22	82	50709	4.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	11485	7.77	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	108578	8.31	ng	-0.02
78) Terphenyl-d14	12.75	244	77997	5.31	ng	-0.02

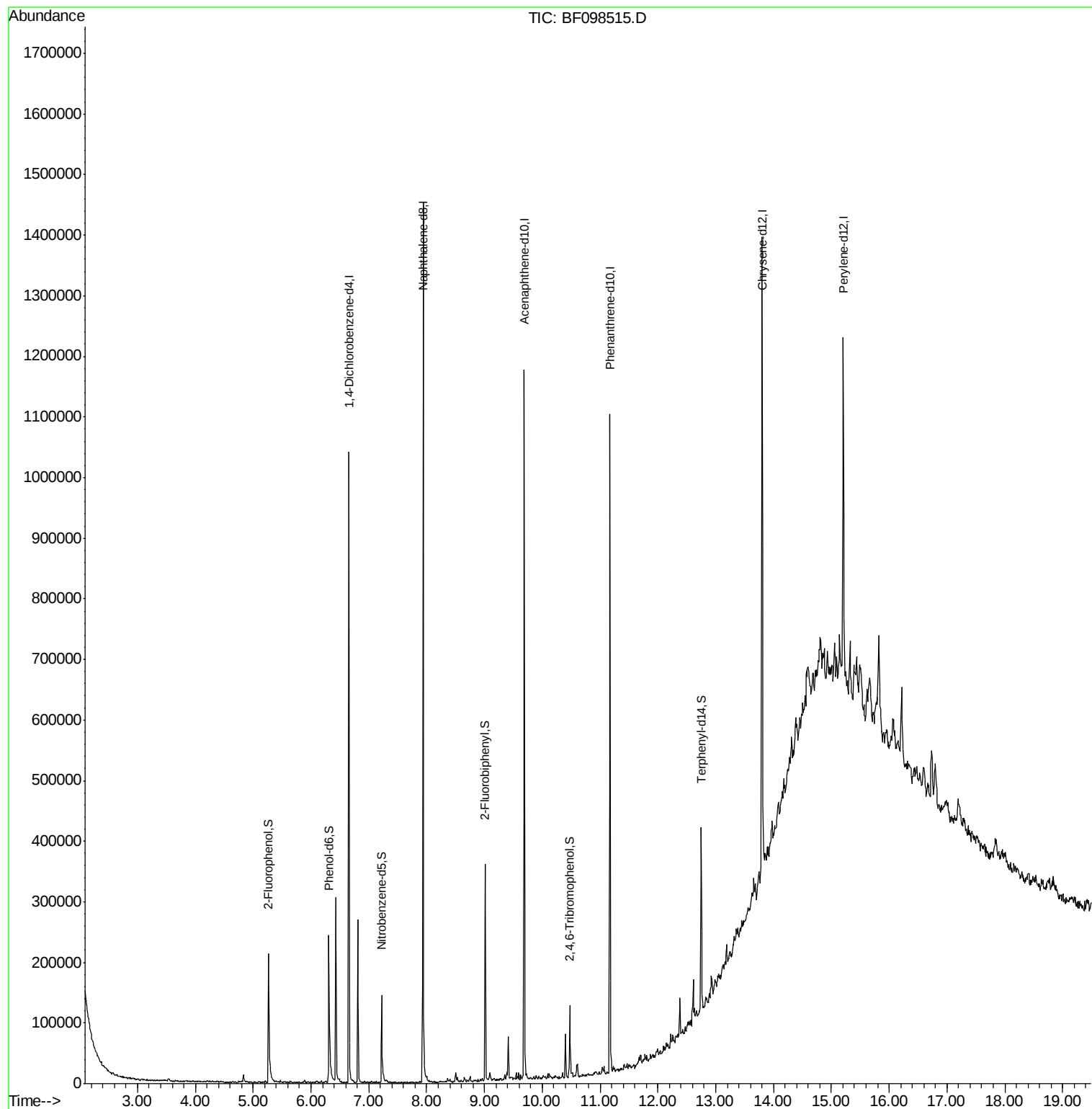
Target Compounds Qvalue

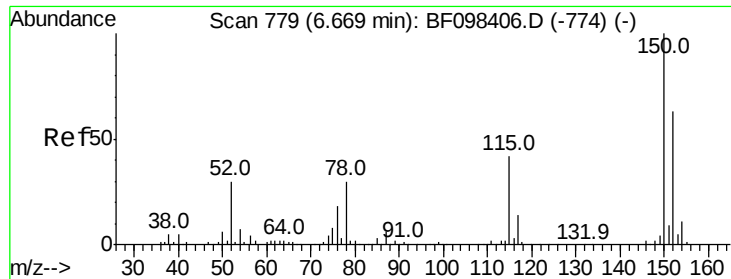
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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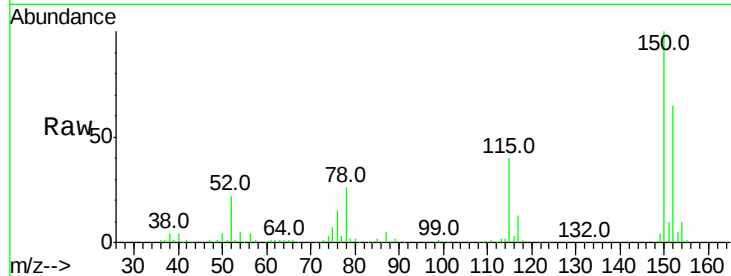


#1

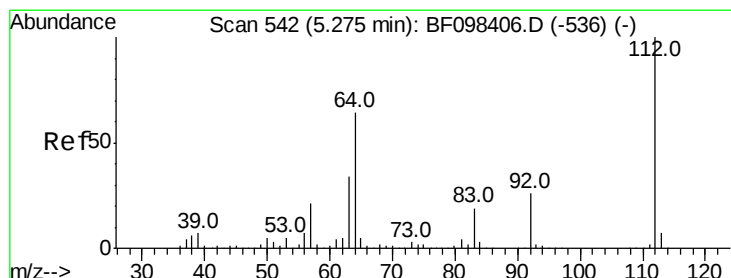
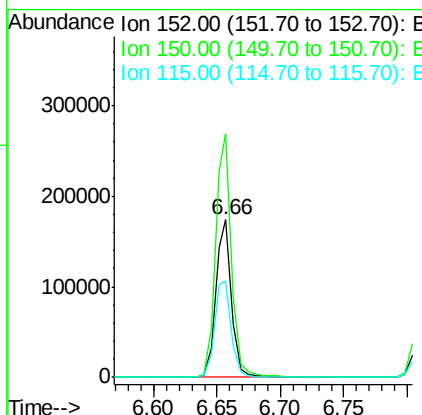
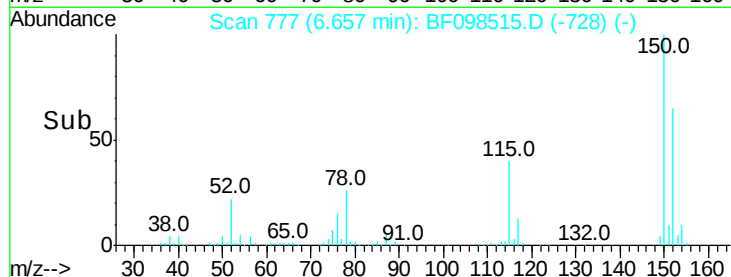
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF098515.D
 Acq: 14 Sep 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 G-42-A1

Tot Ion:152 Resp: 152403
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.2 189.2
 115 61.4 52.2 78.2



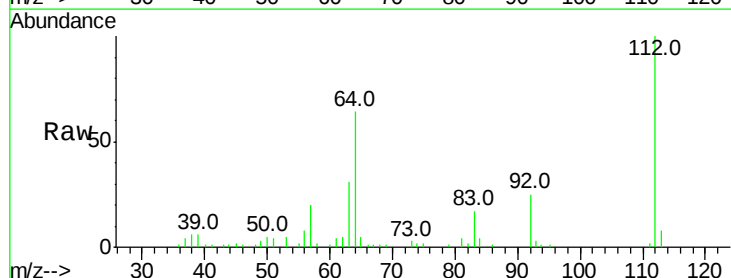
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



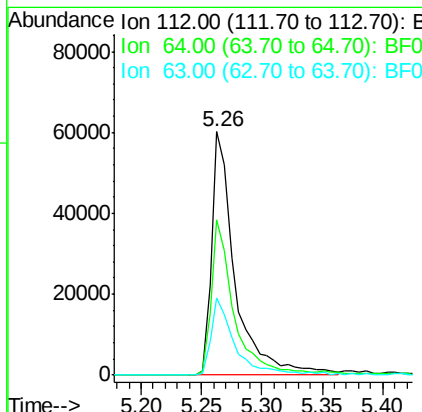
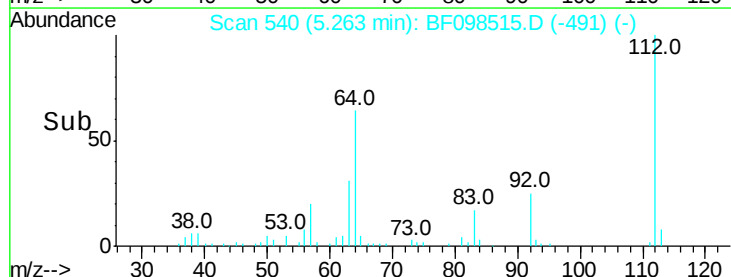
#5

2-Fluorophenol
 Concen: 7.832 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF098515.D
 Acq: 14 Sep 2017 3:20

Tgt Ion:112 Resp: 80732
 Ion Ratio Lower Upper
 112 100
 64 63.6 46.0 69.0
 63 31.5 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: 7.883 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098515.D

Acq: 14 Sep 2017 3:20

Instrument :

BNA_F

ClientSampled :

G-42-A1

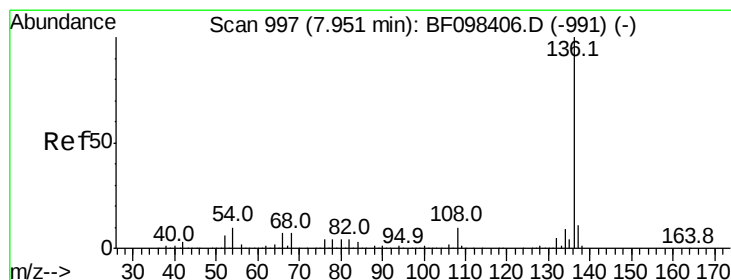
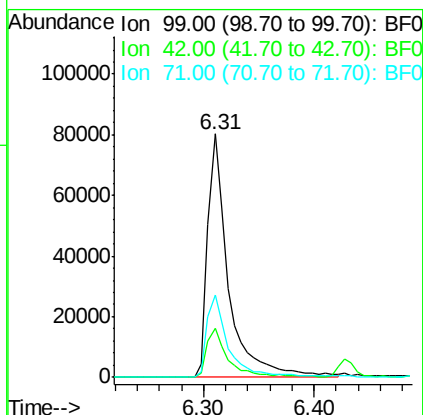
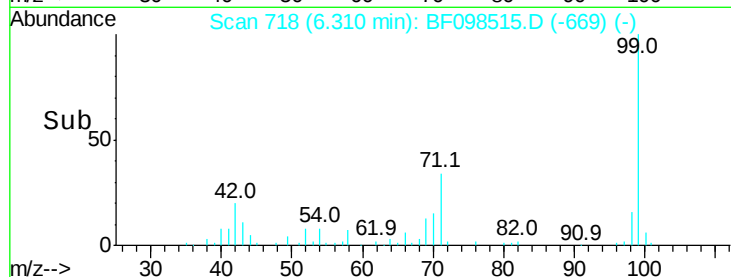
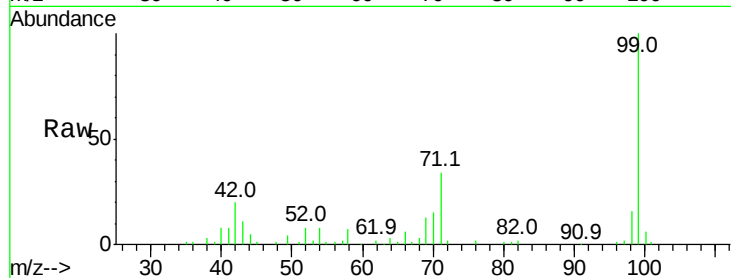
Tot Ion: 99 Resp: 103172

Ion Ratio Lower Upper

99 100

42 20.0 13.5 20.3

71 34.0 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098515.D

Acq: 14 Sep 2017 3:20

Tgt Ion: 136 Resp: 585547

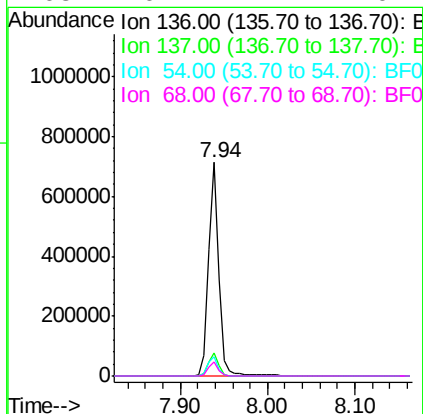
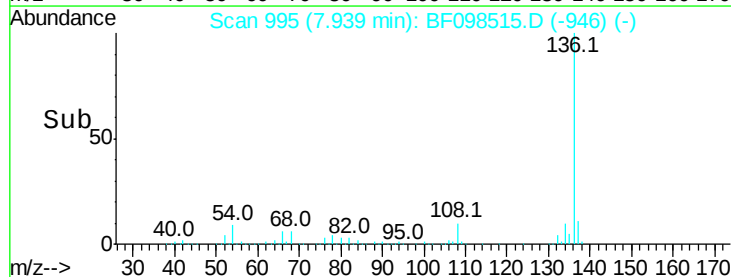
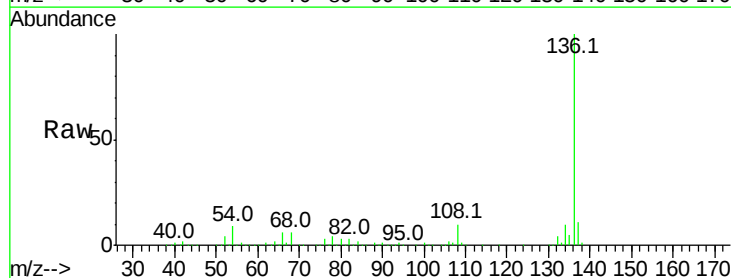
Ion Ratio Lower Upper

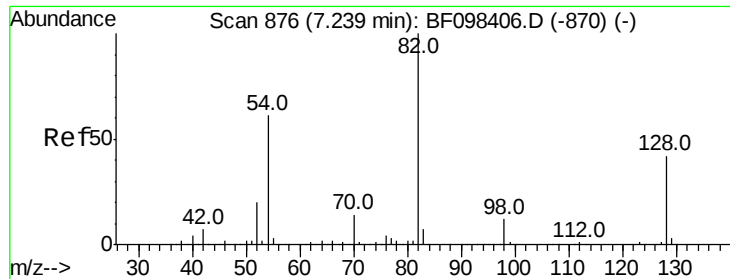
136 100

137 10.9 8.5 12.7

54 9.0 4.9 7.3#

68 6.4 4.1 6.1#

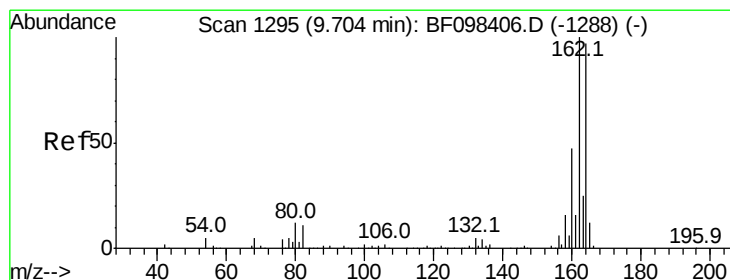
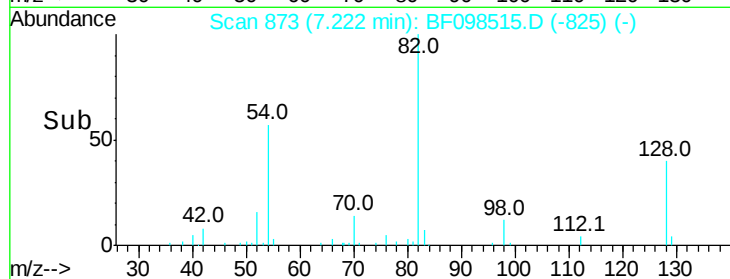
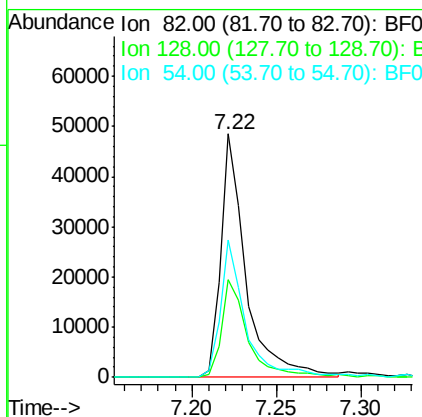
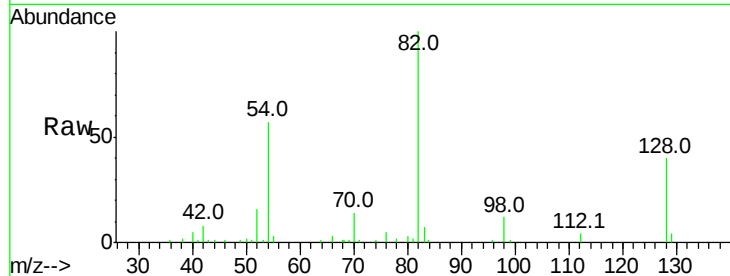




#23
 Nitrobenzene-d5
 Concen: 4.828 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF098515.D
 Acq: 14 Sep 2017 3:20

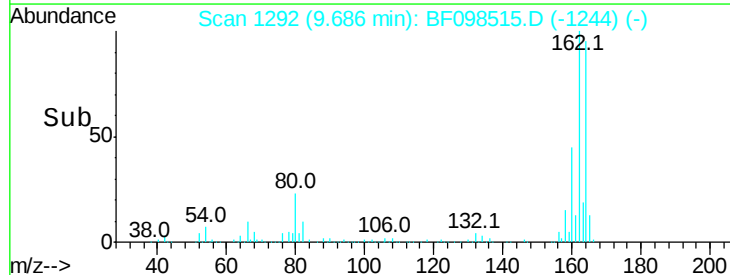
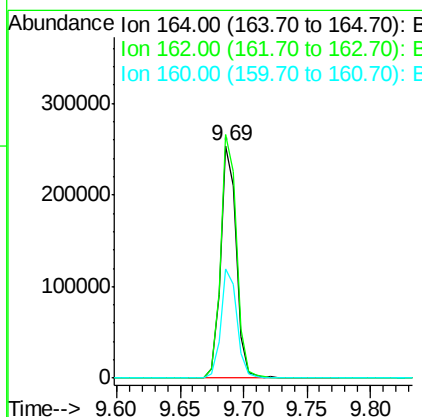
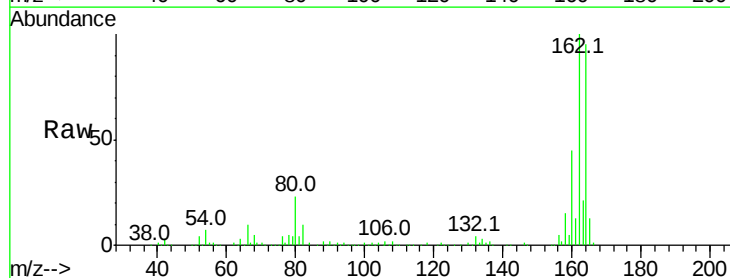
Instrument :
 BNA_F
 ClientSampled :
 G-42-A1

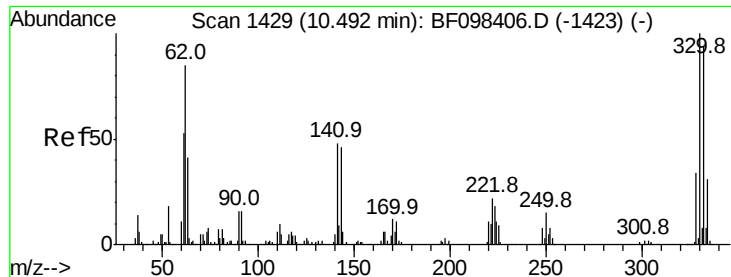
Tot Ion	82	Resp	50709
Ion Ratio	Lower	Upper	
82	100		
128	40.3	34.0	51.0
54	56.6	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF098515.D
 Acq: 14 Sep 2017 3:20

Tgt Ion	164	Resp	221574
Ion Ratio	Lower	Upper	
164	100		
162	104.7	82.6	123.8
160	47.1	36.2	54.2

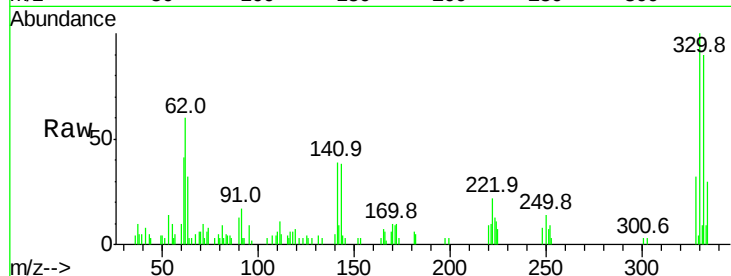




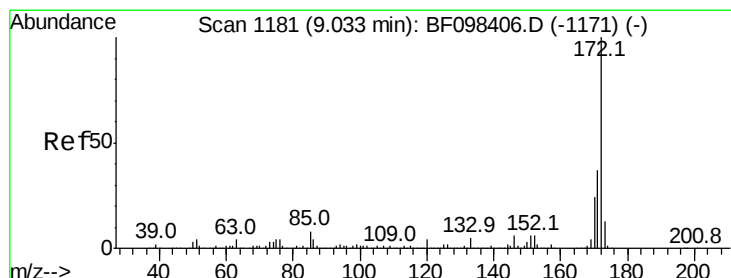
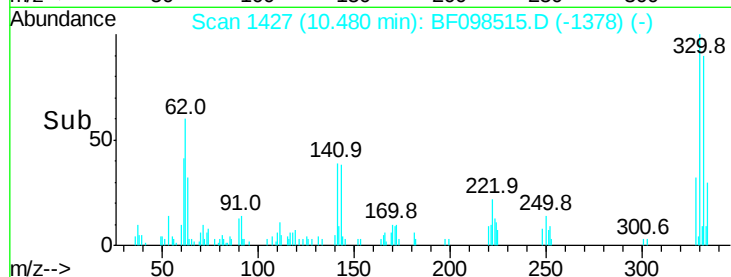
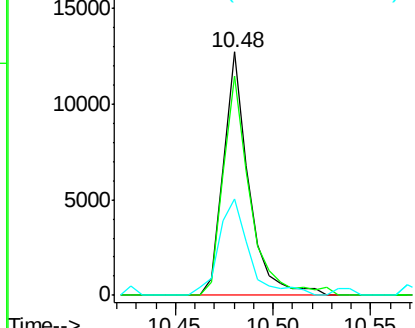
#41
 2,4,6-Tribromophenol
 Concen: 7.766 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098515.D
 Acq: 14 Sep 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 G-42-A1

Tot Ion:330 Resp: 11485
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 47.8 31.4 47.2#

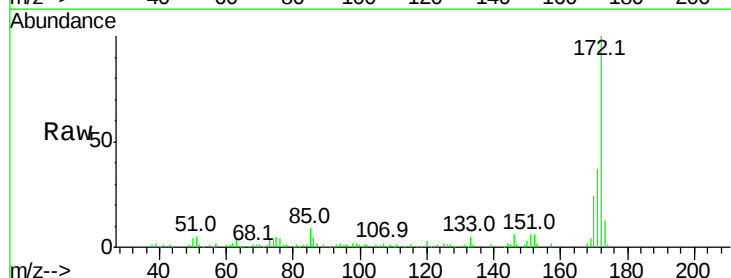


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

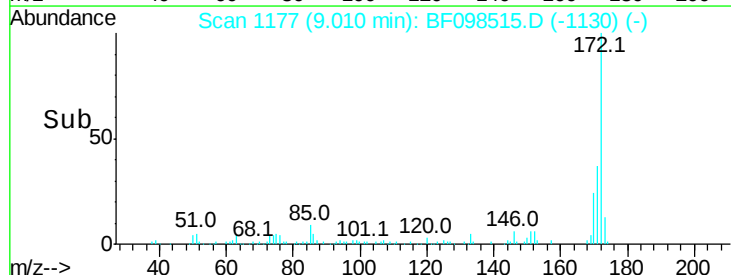
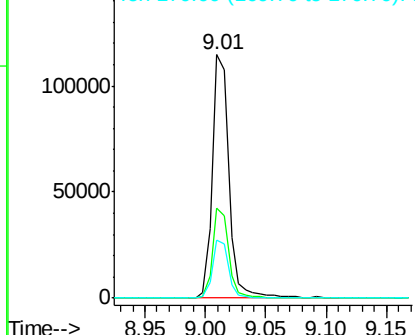


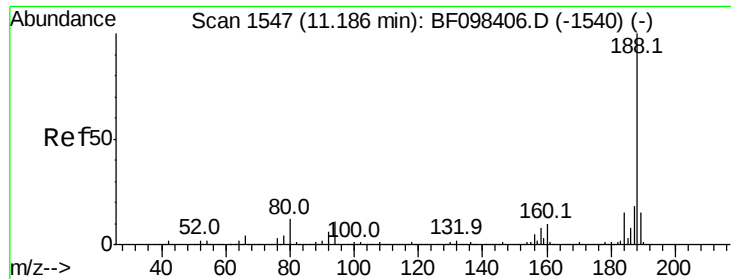
#44
 2-Fluorobiphenyl
 Concen: 8.306 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098515.D
 Acq: 14 Sep 2017 3:20

Tgt Ion:172 Resp: 108578
 Ion Ratio Lower Upper
 172 100
 171 37.0 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

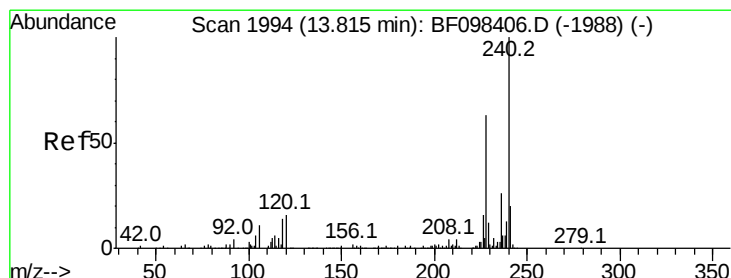
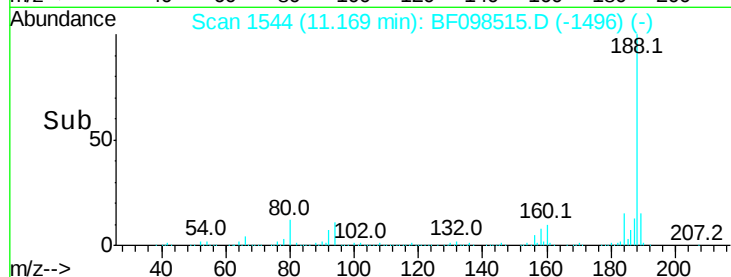
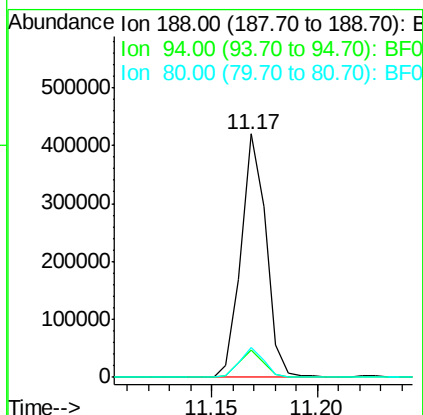
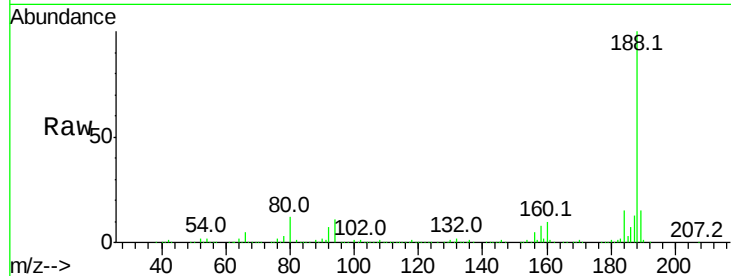




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098515.D
Acq: 14 Sep 2017 3:20

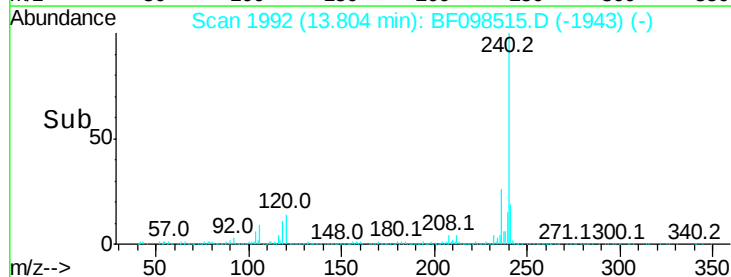
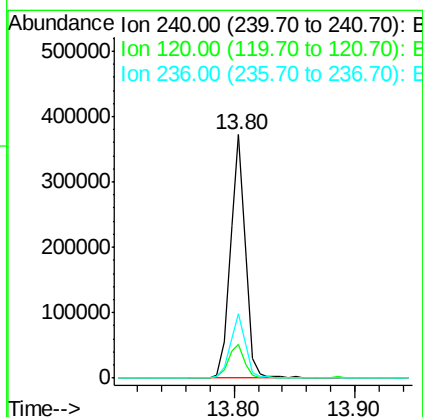
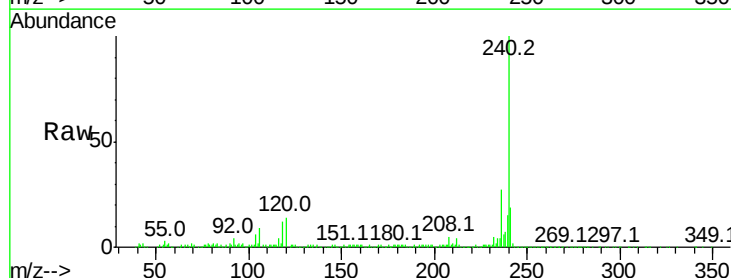
Instrument :
BNA_F
ClientSampleId :
G-42-A1

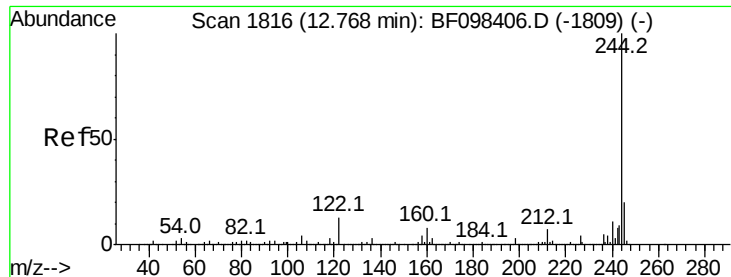
Tot Ion:188 Resp: 344325
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098515.D
Acq: 14 Sep 2017 3:20

Tgt Ion:240 Resp: 316958
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 26.6 20.5 30.7

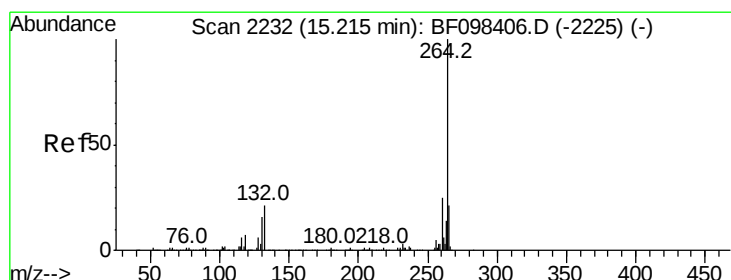
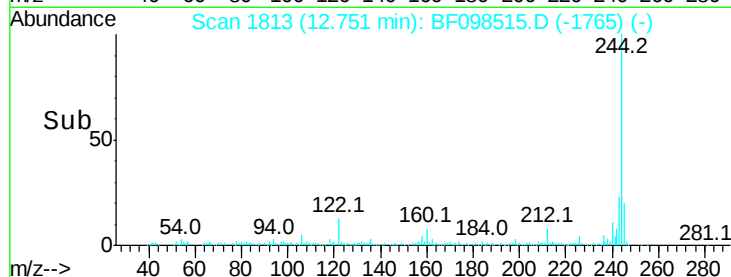
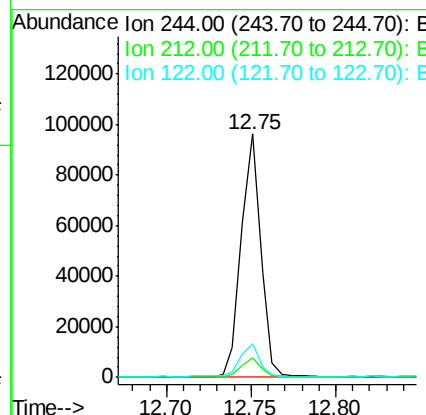
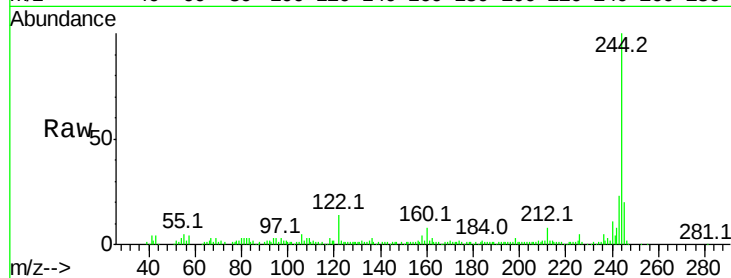




#78
 Terphenyl-d14
 Concen: 5.312 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF098515.D
 Acq: 14 Sep 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 G-42-A1

Tot Ion:244 Resp: 77997
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.7 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: BF098515.D
 Acq: 14 Sep 2017 3:20

Tgt Ion:264 Resp: 228020
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.0 17.2 25.8

