

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095239.D
 Acq On : 19 May 2017 00:13
 Operator : SJ/MA
 Sample : I3188-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-120-20

Quant Time: May 19 04:00:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	99779	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	397170	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	189290	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	364386	20.00	ng	0.00
75) Chrysene-d12	18.69	240	224062	20.00	ng	0.00
86) Perylene-d12	20.38	264	80105	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	653787	109.24	ng	0.01
7) Phenol-d6	7.31	99	764117	106.41	ng	0.00
23) Nitrobenzene-d5	8.67	82	518587	82.34	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	215229	138.84	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1111664	84.53	ng	0.00
78) Terphenyl-d14	17.34	244	1090058	107.15	ng	0.00

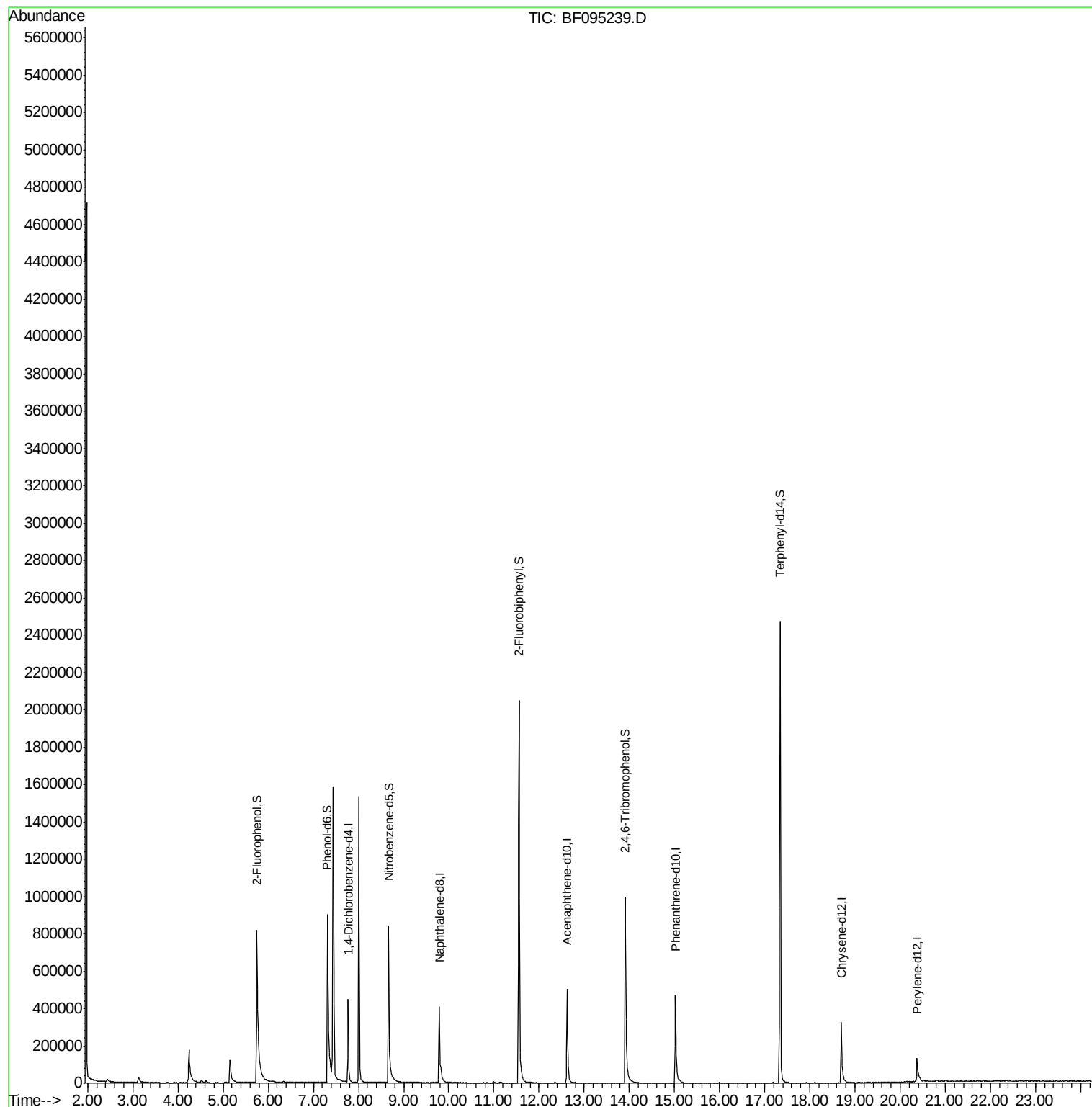
Target Compounds Qvalue

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

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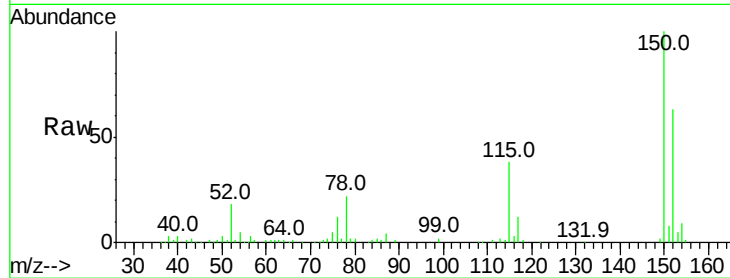


#1

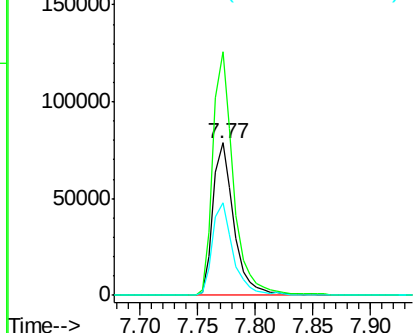
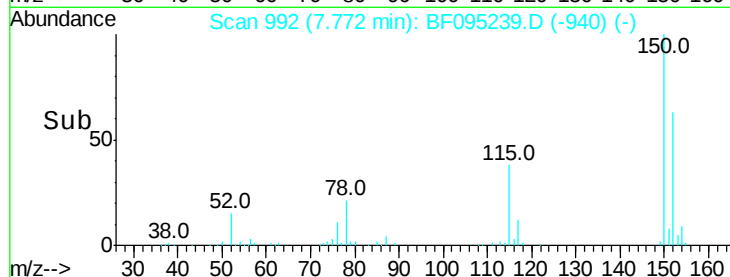
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: BF095239.D
 Acq: 19 May 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 RO-120-20

Tot Ion:152 Resp: 99779
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.2 189.2
 115 61.0 52.2 78.2



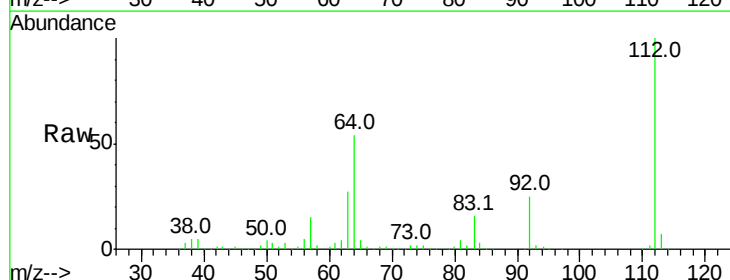
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



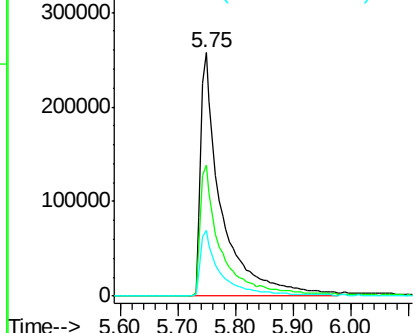
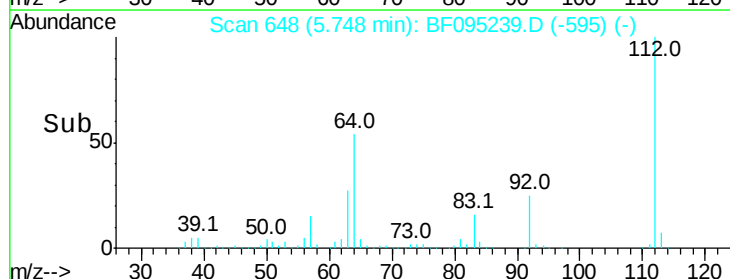
#5

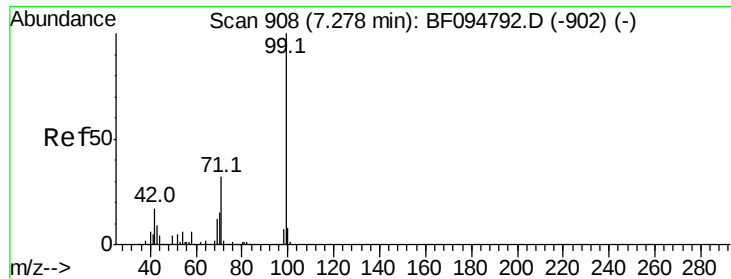
2-Fluorophenol
 Concen: 109.24 ng
 RT: 5.75 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF095239.D
 Acq: 19 May 2017 00:13

Tgt Ion:112 Resp: 653787
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.0 69.0
 63 27.1 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: 106.41 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095239.D

Acq: 19 May 2017 00:13

Instrument :

BNA_F

ClientSampleId :

RO-120-20

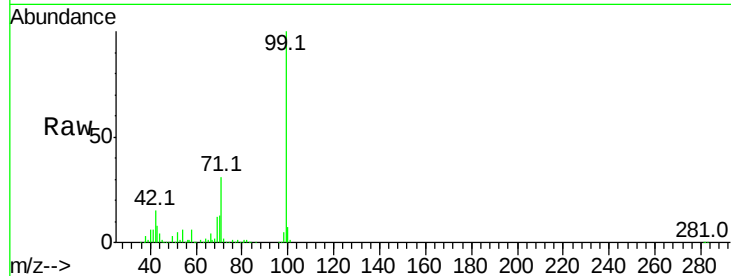
Tot Ion: 99 Resp: 764117

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

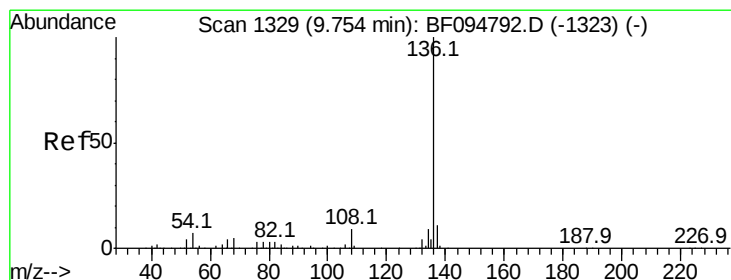
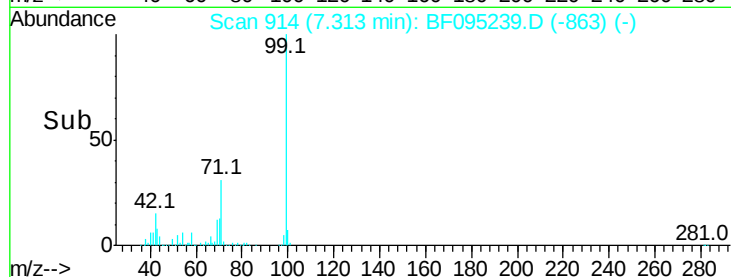
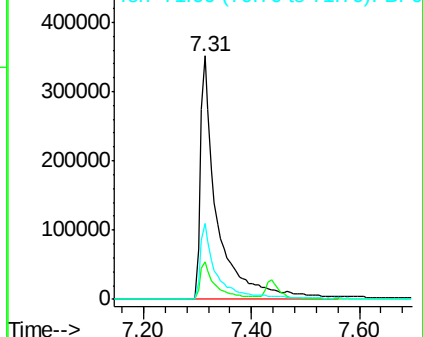
71 31.3 24.5 36.7



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: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095239.D

Acq: 19 May 2017 00:13

Tgt Ion: 136 Resp: 397170

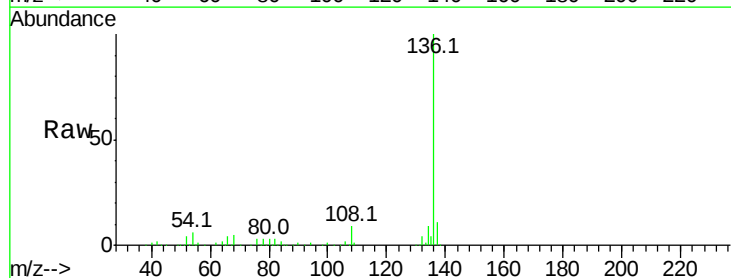
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.4 4.9 7.3

68 5.1 4.1 6.1

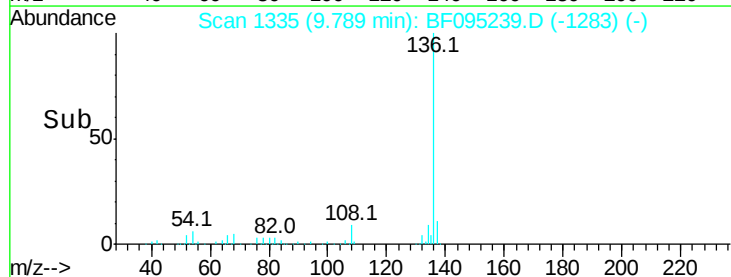
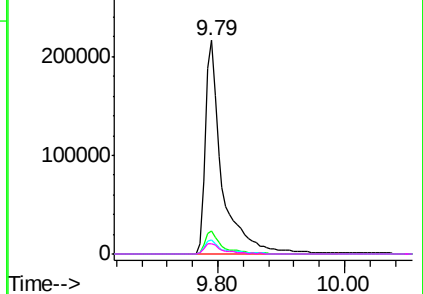


Abundance Ion 136.00 (135.70 to 136.70): E

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

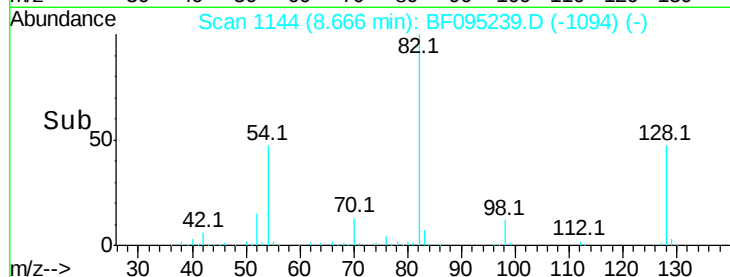
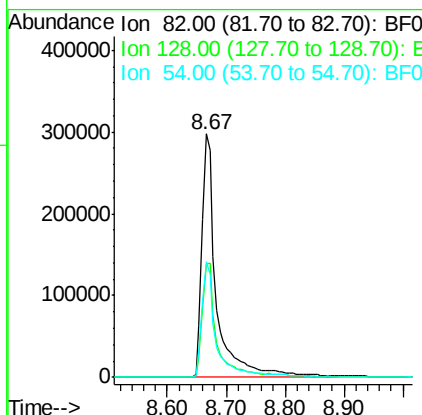
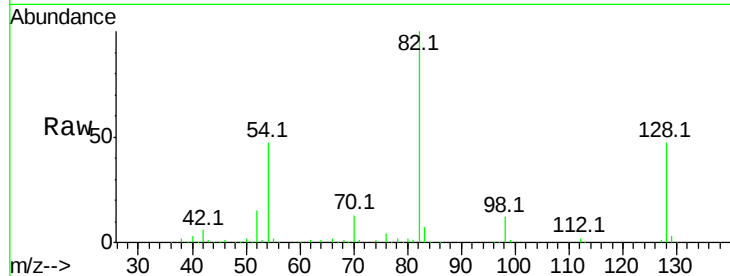




#23
Nitrobenzene-d5
Concen: 82.34 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095239.D
Acq: 19 May 2017 00:13

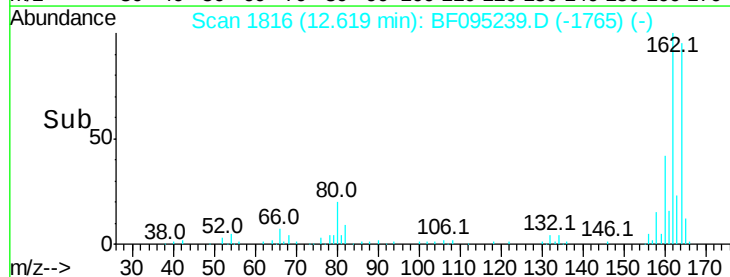
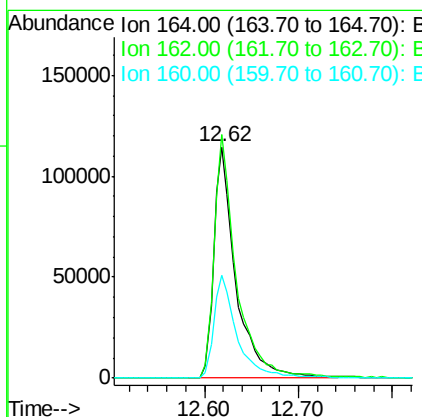
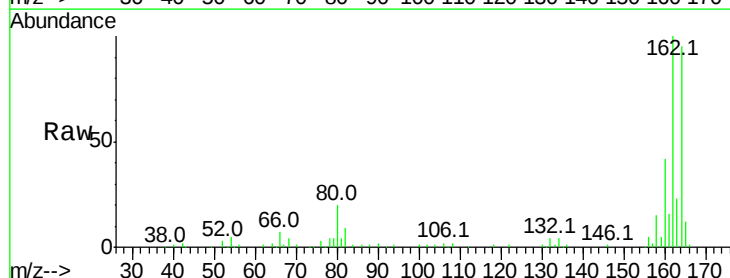
Instrument :
BNA_F
ClientSampleId :
RO-120-20

Tot Ion	82	Resp	518587
Ion Ratio	100	Lower	Upper
128	46.6	34.0	51.0
54	47.3	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF095239.D
Acq: 19 May 2017 00:13

Tgt Ion	164	Resp	189290
Ion Ratio	100	Lower	Upper
162	105.3	82.6	123.8
160	44.2	36.2	54.2

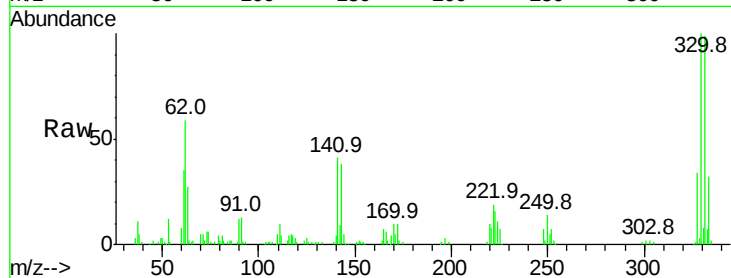




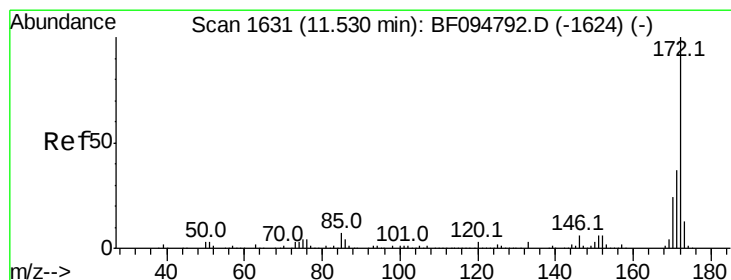
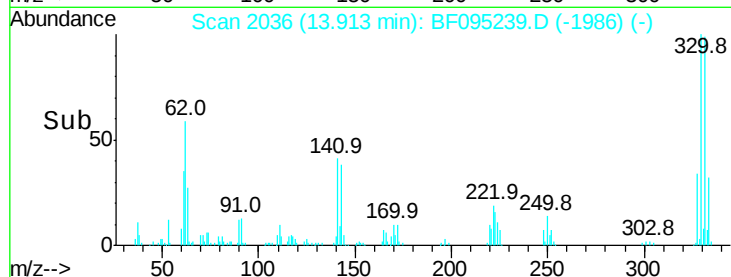
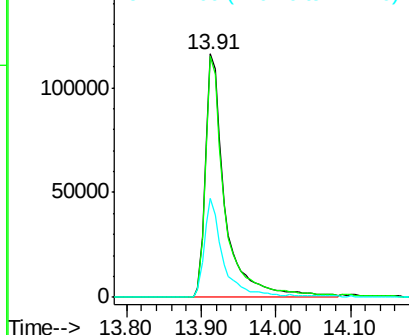
#41
 2,4,6-Tribromophenol
 Concen: 138.84 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095239.D
 Acq: 19 May 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 RO-120-20

Tot Ion:330 Resp: 215229
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.8 31.4 47.2

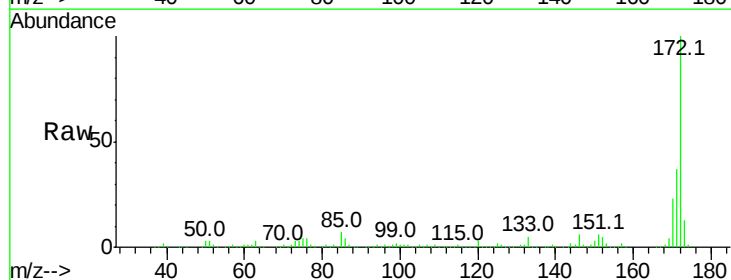


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

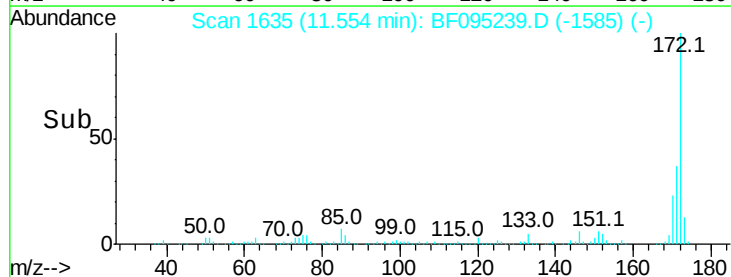
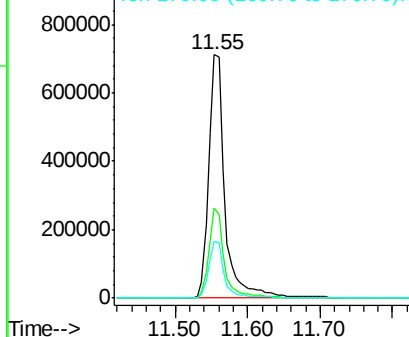


#44
 2-Fluorobiphenyl
 Concen: 84.53 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095239.D
 Acq: 19 May 2017 00:13

Tgt Ion:172 Resp: 1111664
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 23.1 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

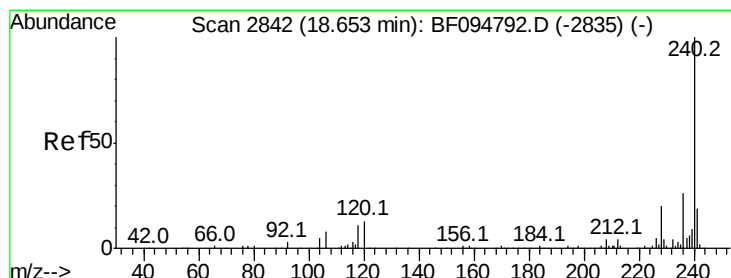
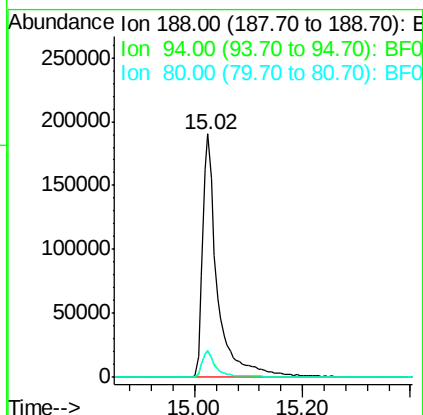
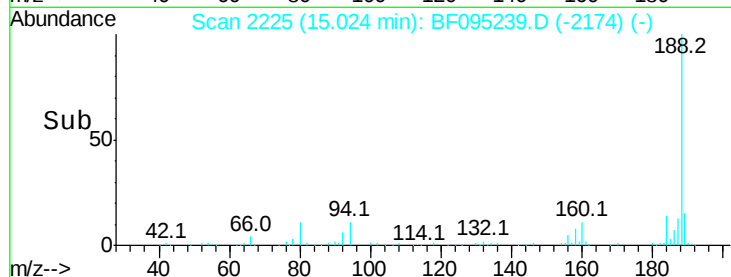
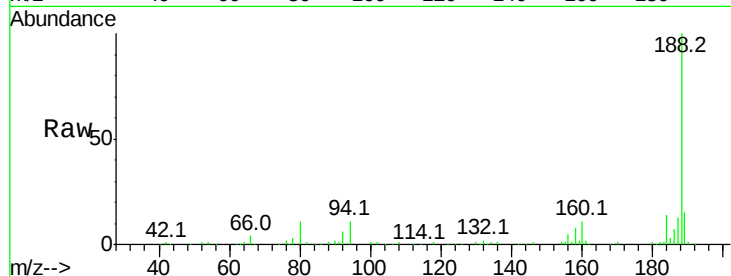




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095239.D
 Acq: 19 May 2017 00:13

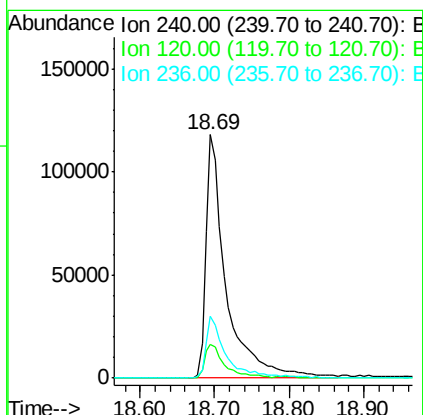
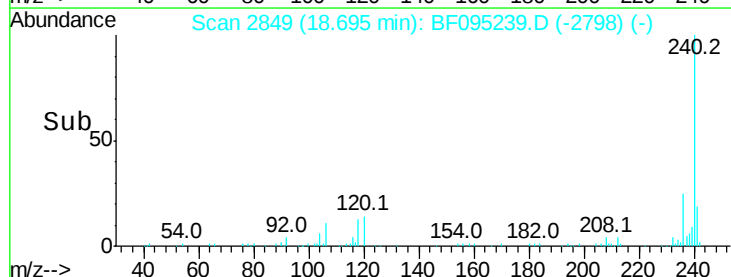
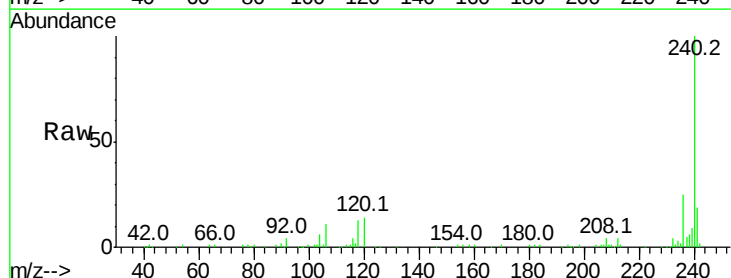
Instrument :
 BNA_F
 ClientSampleId :
 RO-120-20

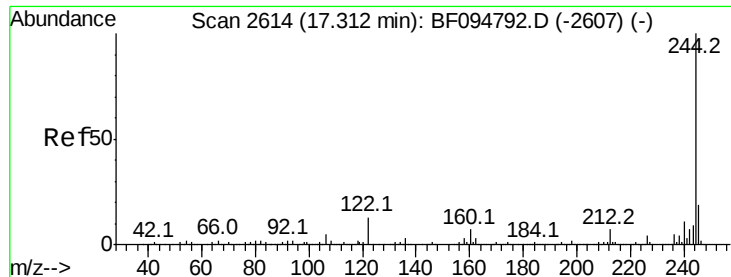
Tot Ion:188 Resp: 364386
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.1 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095239.D
 Acq: 19 May 2017 00:13

Tgt Ion:240 Resp: 224062
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 25.4 20.5 30.7

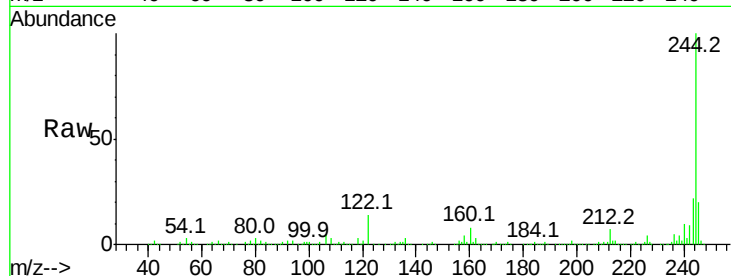




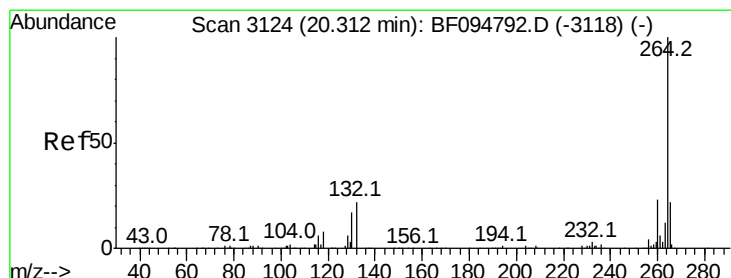
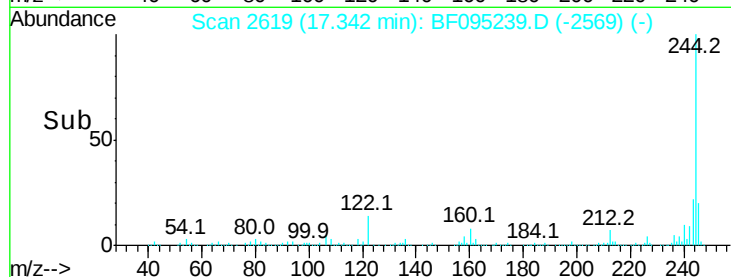
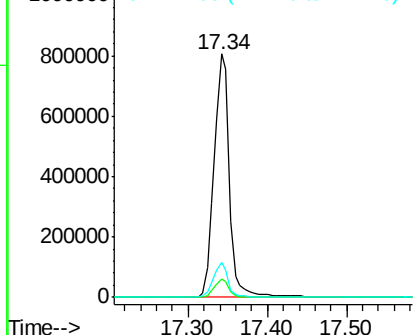
#78
 Terphenyl-d14
 Concen: 107.15 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095239.D
 Acq: 19 May 2017 00:13

Instrument :
 BNA_F
 ClientSampled :
 RO-120-20

Tot Ion:244 Resp: 1090058
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.5 10.3 15.5

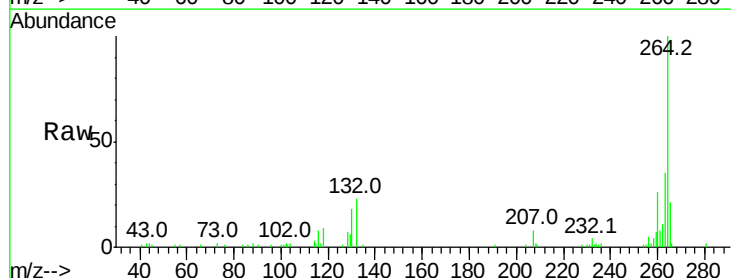


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BF095239.D
 Acq: 19 May 2017 00:13

Tgt Ion:264 Resp: 80105
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.5 29.3
 265 21.0 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

