

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095411.D
 Acq On : 25 May 2017 6:41
 Operator : SJ/MA
 Sample : I3300-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R11-ESW

Quant Time: May 25 08:28:23 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

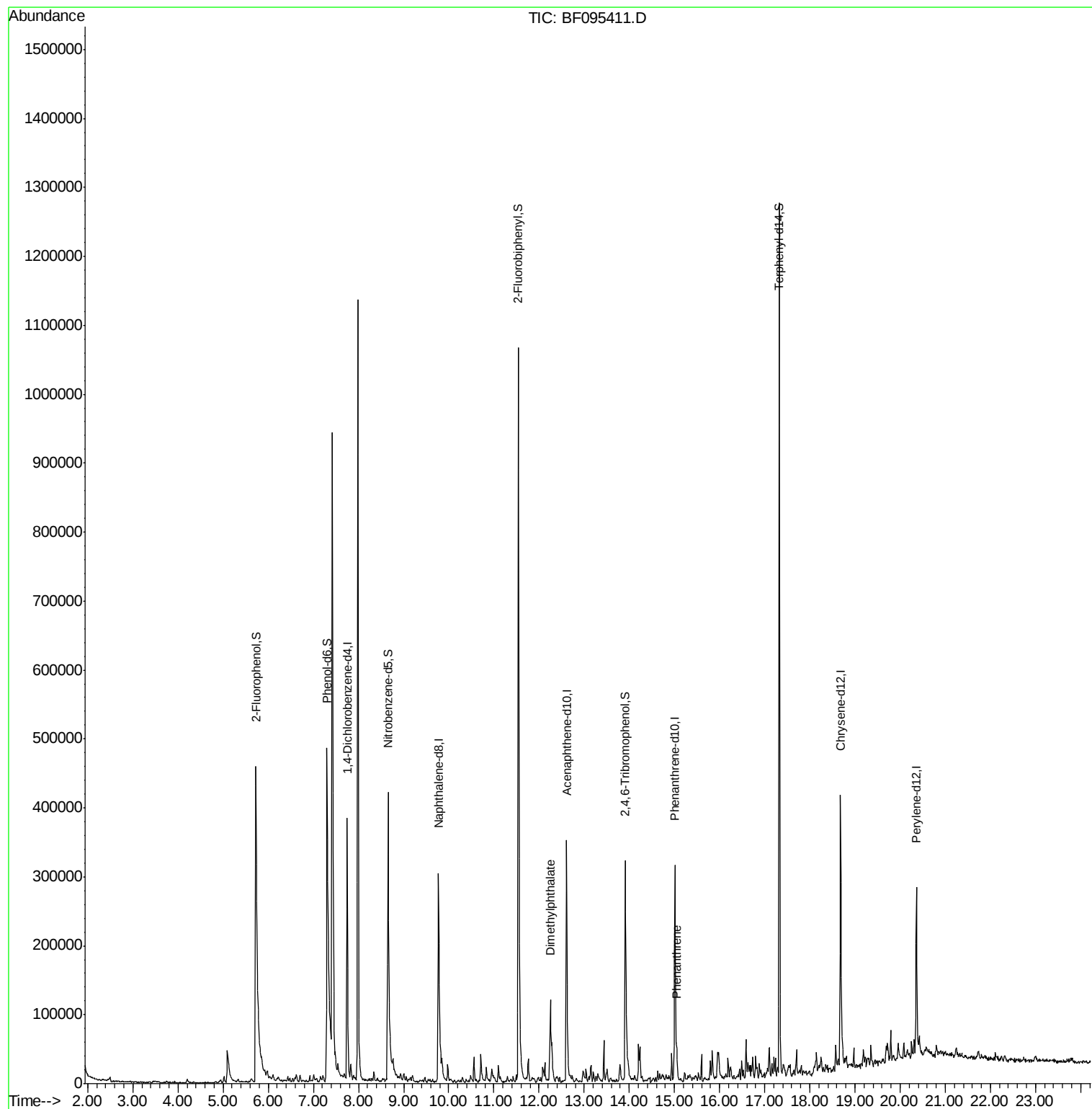
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	86303	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	307514	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	118192	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	202585	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	179635	20.00	ng	-0.01
86) Perylene-d12	20.36	264	122573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	443763	85.73	ng	-0.01
7) Phenol-d6	7.30	99	557478	89.76	ng	-0.01
23) Nitrobenzene-d5	8.65	82	345561	70.86	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	74903	77.38	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	634706	77.29	ng	-0.02
78) Terphenyl-d14	17.32	244	495172	60.71	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.25	163	108094	11.14	ng	99
70) Phenanthrene	15.05	178	26247	2.25	ng	95

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

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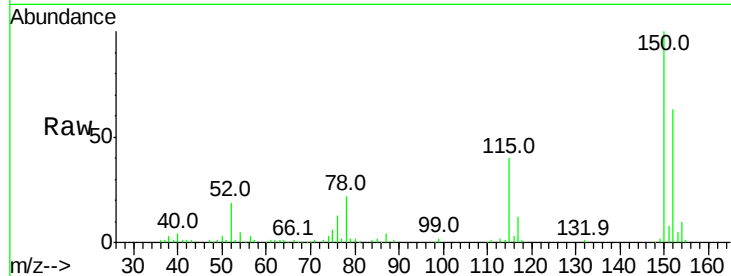


#1

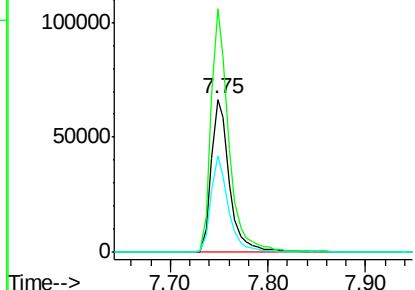
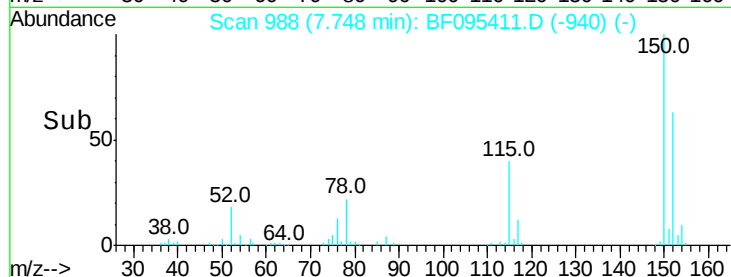
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095411.D
Acq: 25 May 2017 6:41

Instrument :
BNA_F
ClientSampled :
E2-R11-ESW

Tot Ion:152 Resp: 86303
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 63.0 52.2 78.2



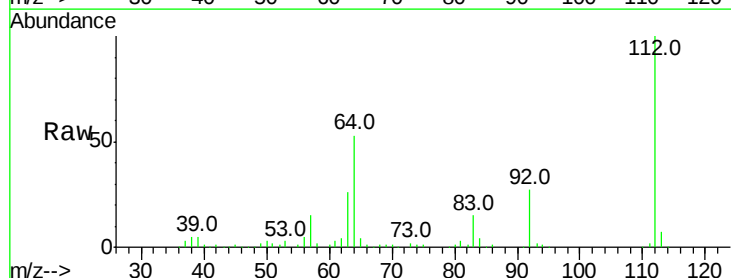
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



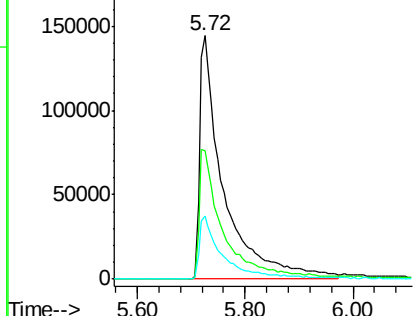
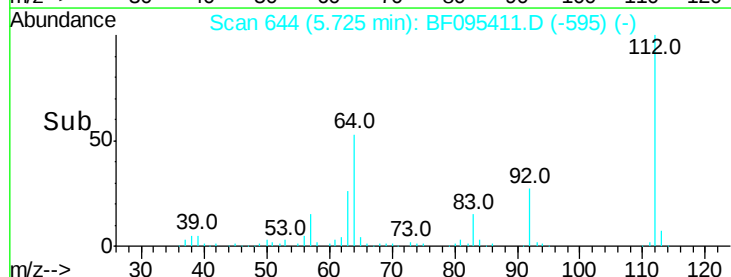
#5

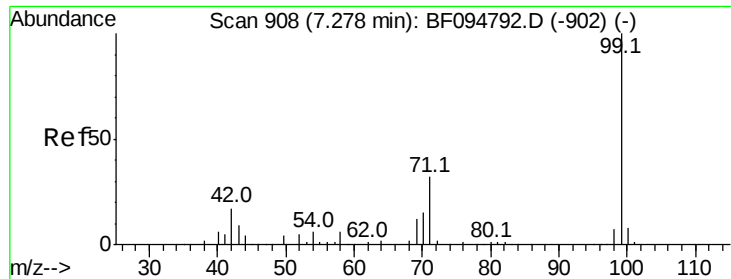
2-Fluorophenol
Concen: 85.73 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095411.D
Acq: 25 May 2017 6:41

Tgt Ion:112 Resp: 443763
Ion Ratio Lower Upper
112 100
64 52.8 46.0 69.0
63 26.2 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: 89.76 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

Instrument :

BNA_F

ClientSampleId :

E2-R11-ESW

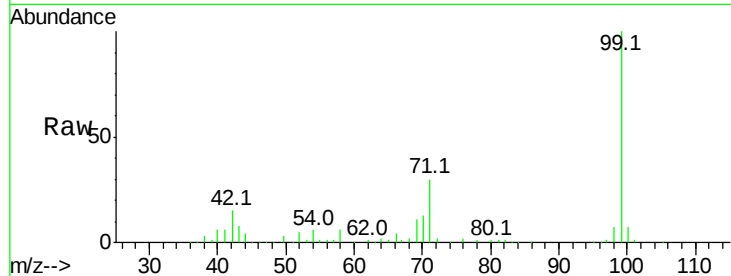
Tot Ion: 99 Resp: 557478

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

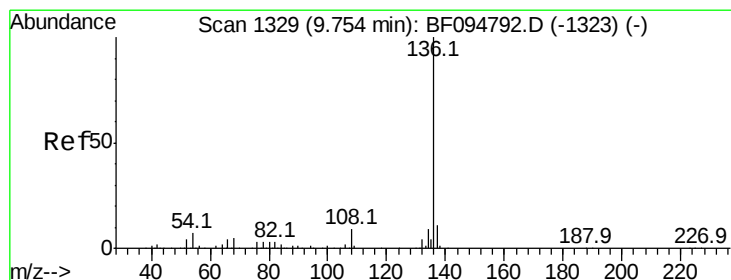
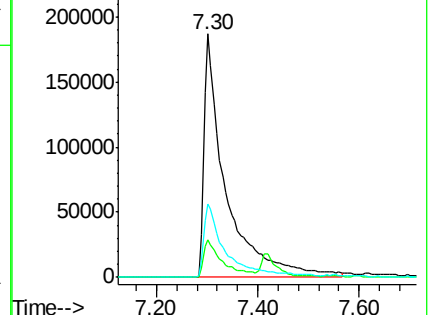
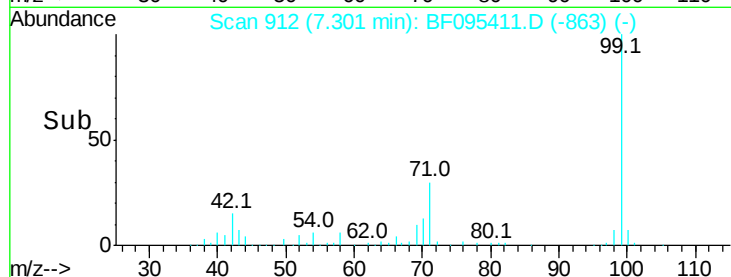
71 30.3 24.5 36.7



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: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

Tgt Ion: 136 Resp: 307514

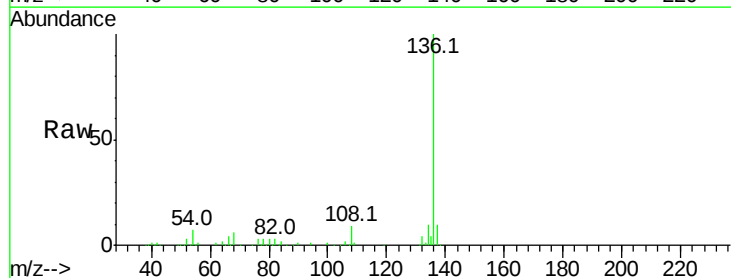
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.6 4.9 7.3

68 6.2 4.1 6.1#

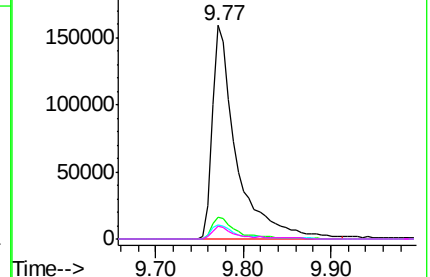
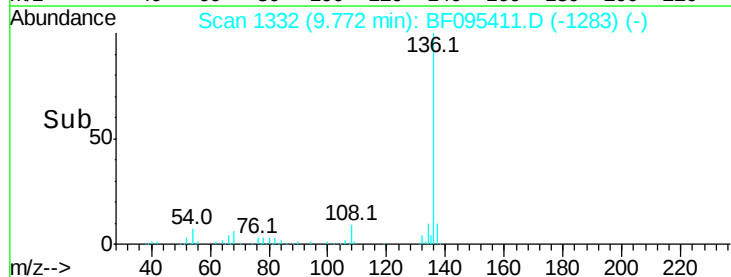


Abundance Ion 136.00 (135.70 to 136.70): E

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

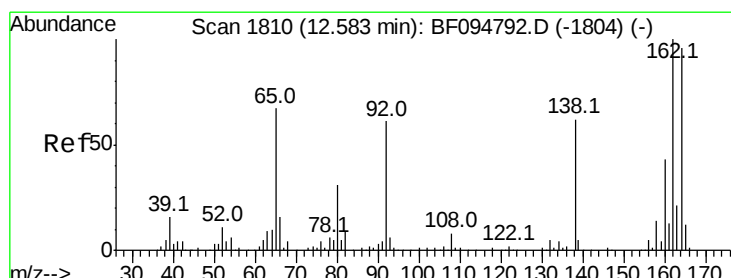
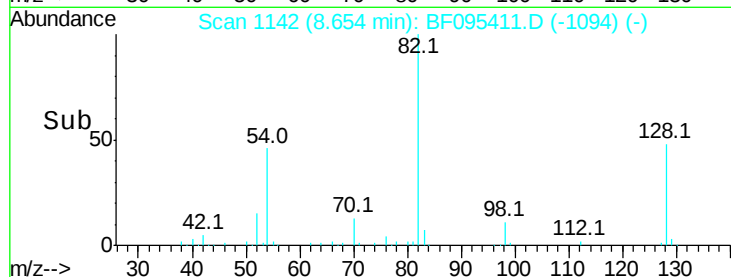
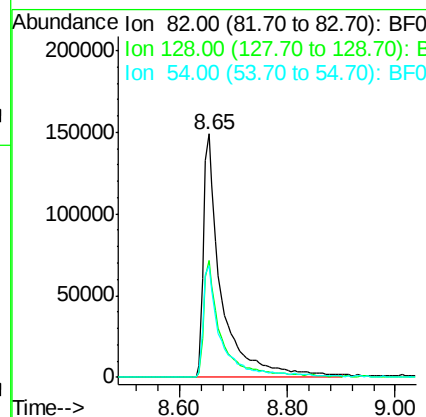
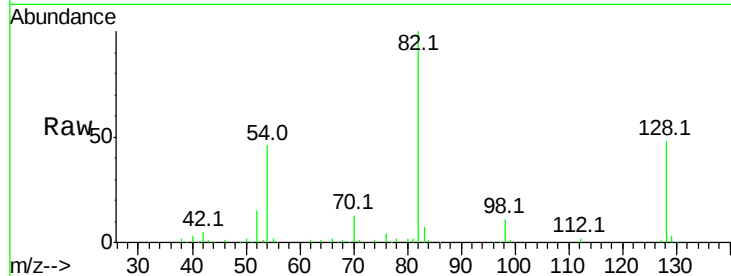




#23
 Nitrobenzene-d5
 Concen: 70.86 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095411.D
 Acq: 25 May 2017 6:41

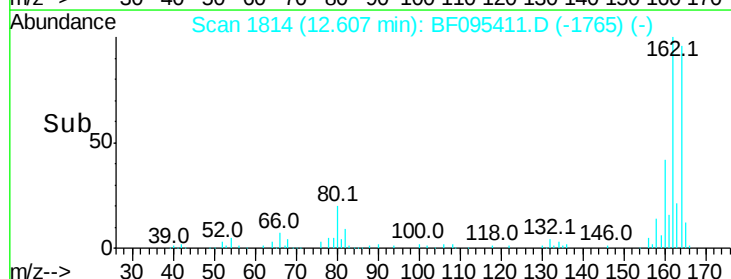
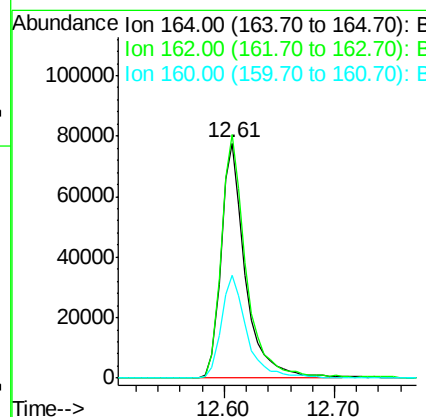
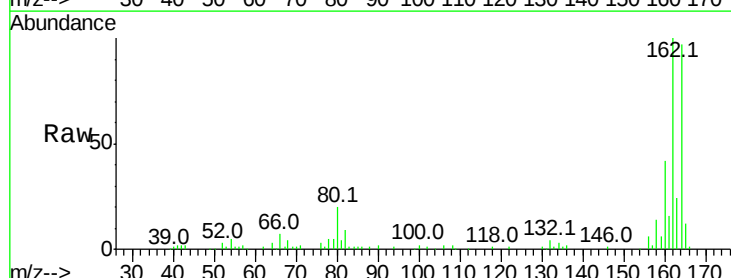
Instrument :
 BNA_F
 ClientSampleId :
 E2-R11-ESW

Tot Ion	82	Resp	345561
Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	45.8	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095411.D
 Acq: 25 May 2017 6:41

Tgt Ion	164	Resp	118192
Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	43.8	36.2	54.2

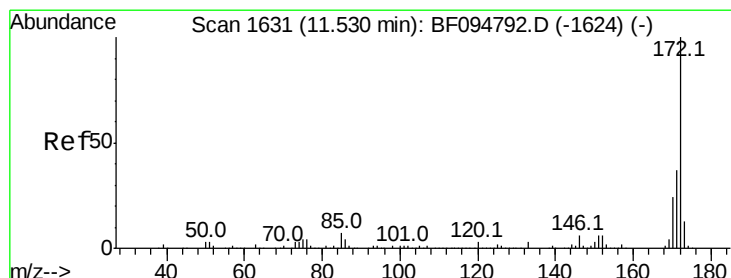
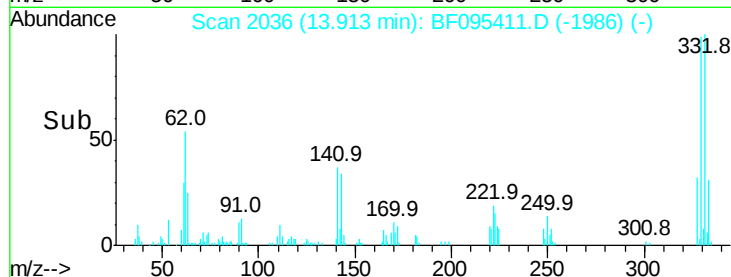
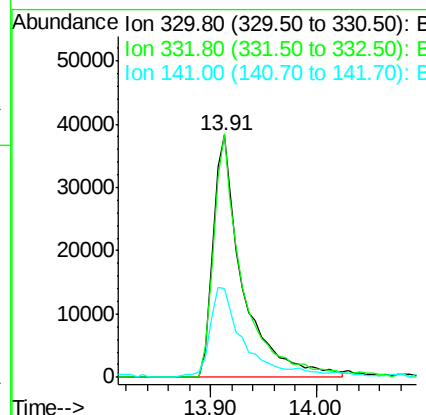
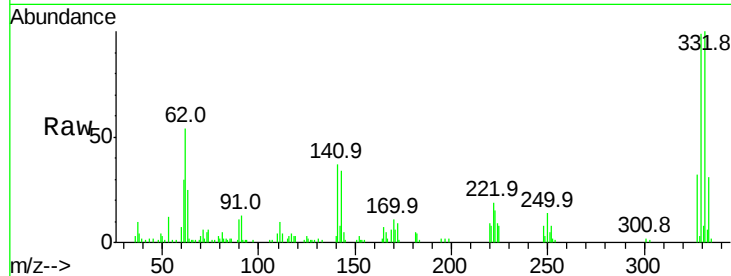




#41
 2,4,6-Tribromophenol
 Concen: 77.38 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095411.D
 Acq: 25 May 2017 6:41

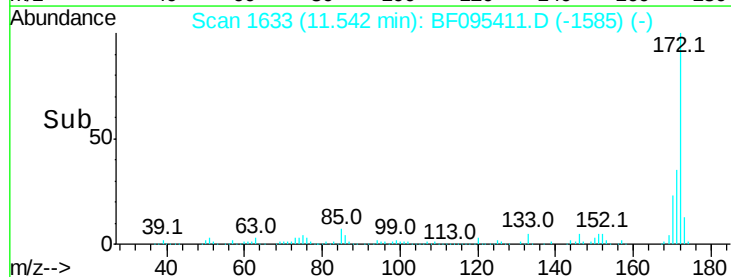
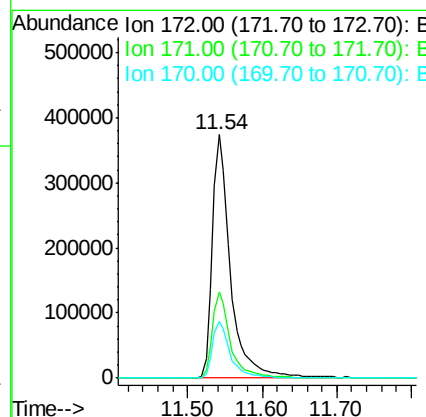
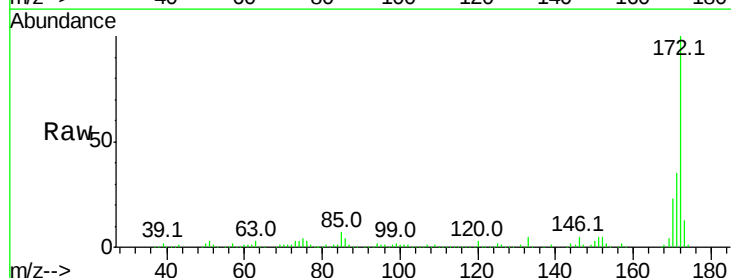
Instrument :
 BNA_F
 ClientSampleId :
 E2-R11-ESW

Tot Ion:330 Resp: 74903
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 115.0
 141 43.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 77.29 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095411.D
 Acq: 25 May 2017 6:41

Tgt Ion:172 Resp: 634706
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.1 19.8 29.8





#49

Dimethylphthalate

Concen: 11.14 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

Instrument :

BNA_F

ClientSampleId :

E2-R11-ESW

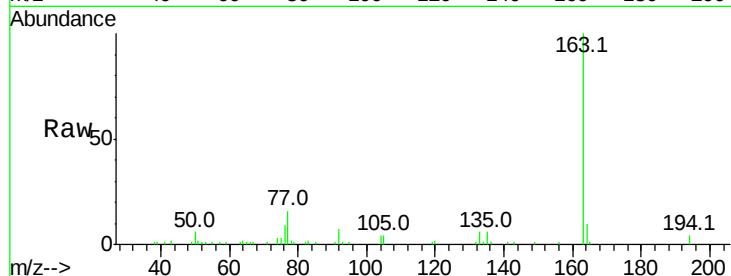
Tot Ion:163 Resp: 108094

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

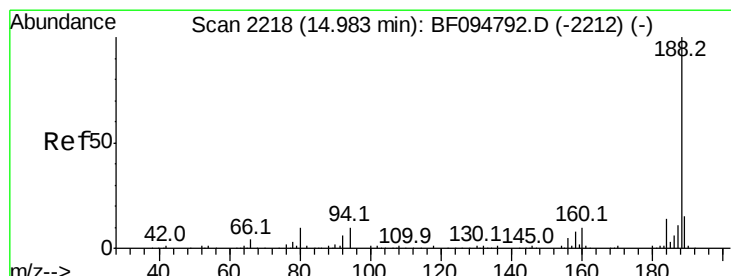
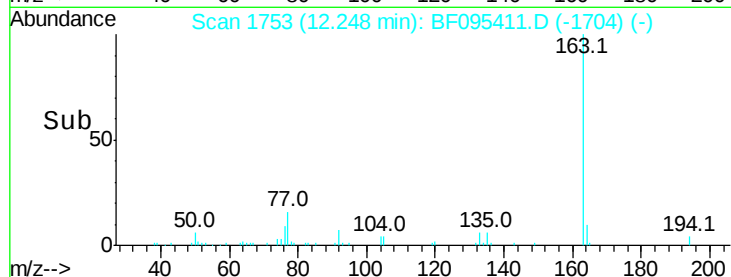
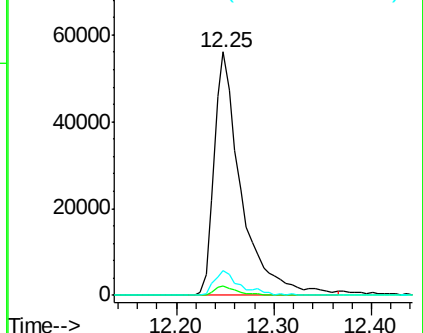
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095411.D

Acq: 25 May 2017 6:41

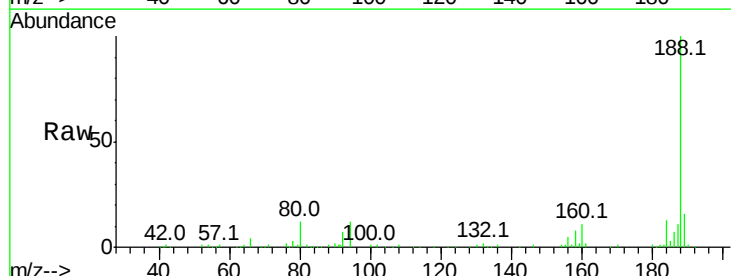
Tgt Ion:188 Resp: 202585

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

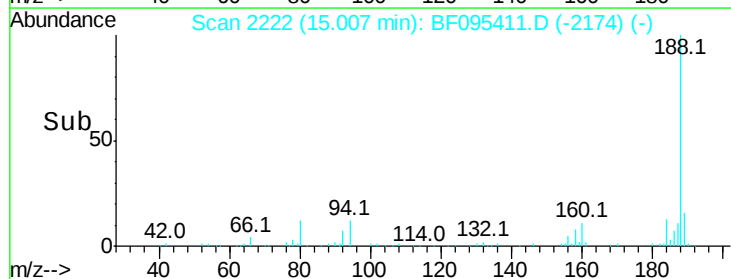
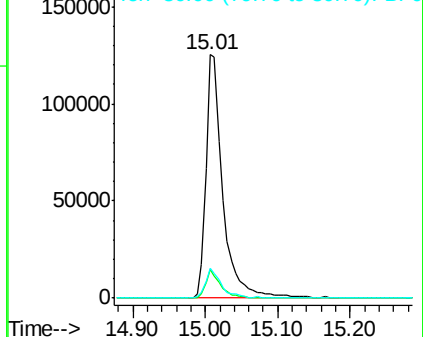
80 12.2 10.2 15.2

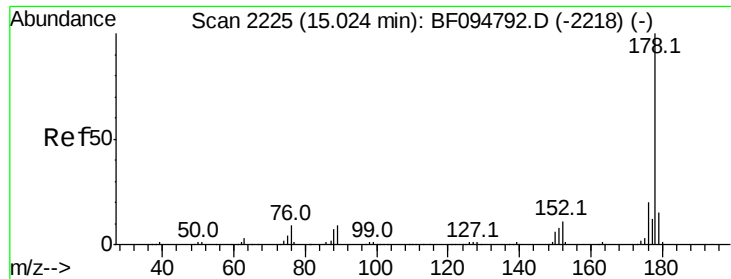


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

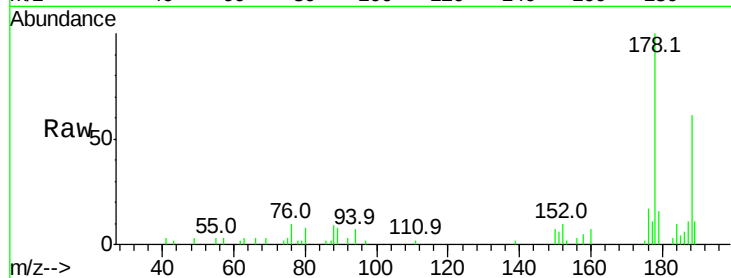




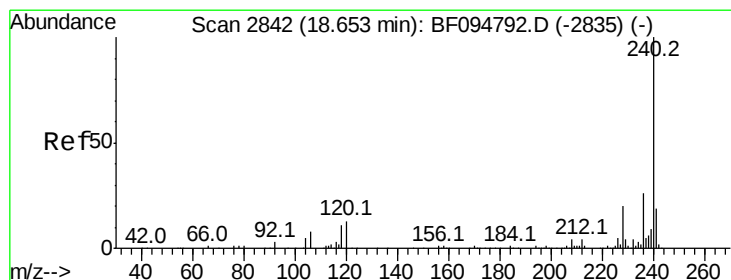
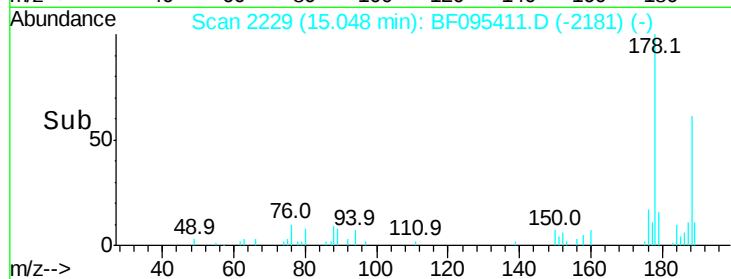
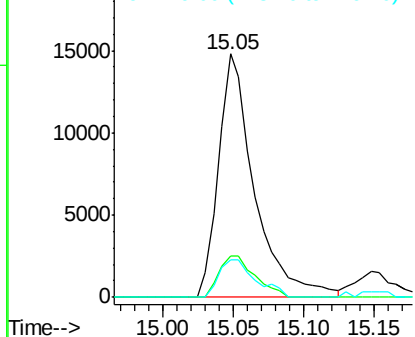
#70
 Phenanthrene
 Concen: 2.25 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095411.D
 Acq: 25 May 2017 6:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-R11-ESW

Tot Ion:178 Resp: 26247
 Ion Ratio Lower Upper
 178 100
 176 16.8 16.2 24.4
 179 15.5 12.6 19.0

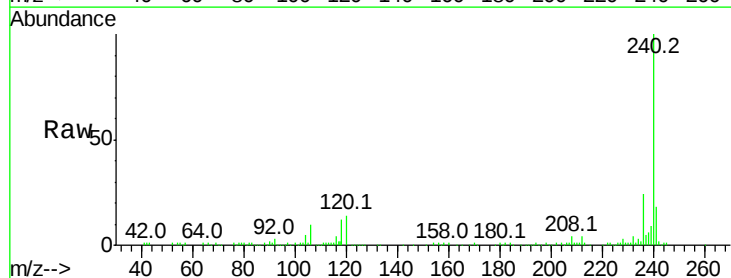


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

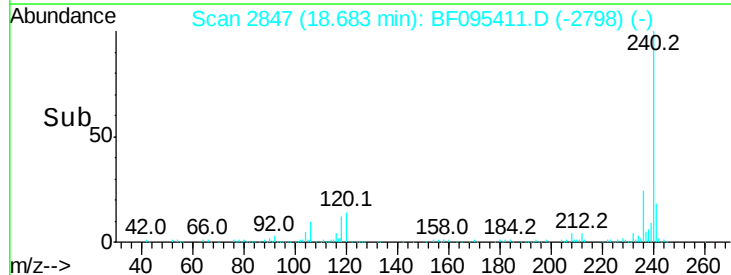
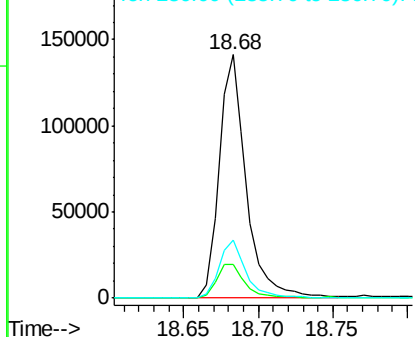


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095411.D
 Acq: 25 May 2017 6:41

Tgt Ion:240 Resp: 179635
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 23.9 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

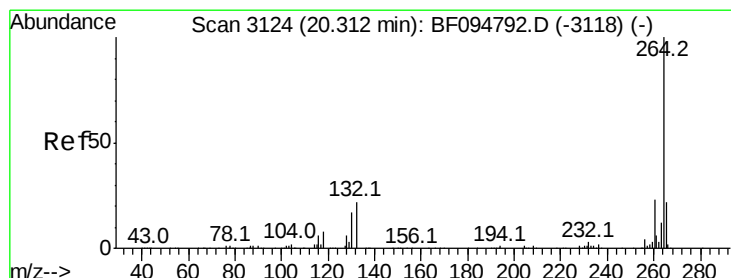
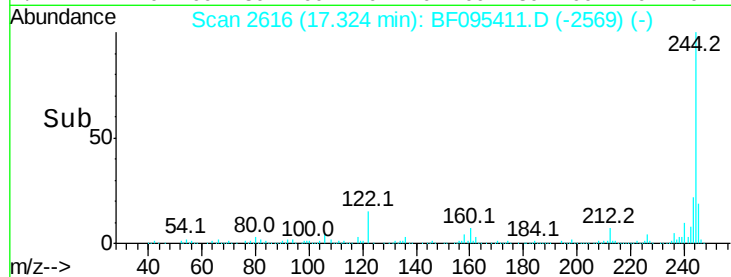
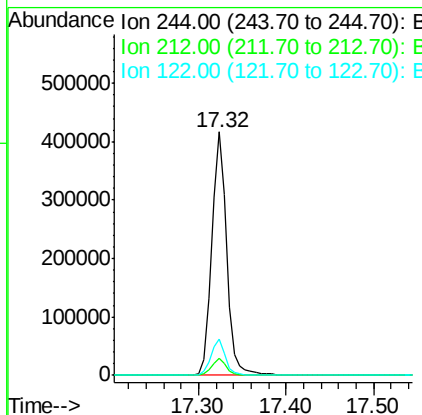
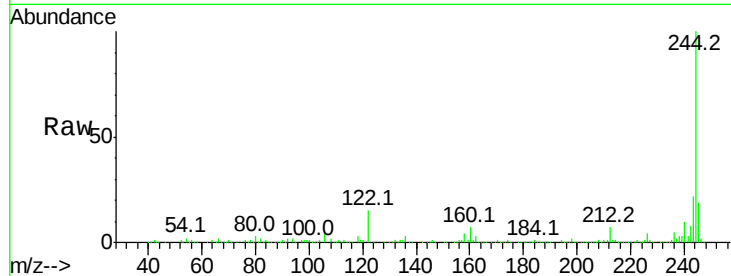




#78
 Terphenyl-d14
 Concen: 60.71 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095411.D
 Acq: 25 May 2017 6:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-R11-ESW

Tot Ion:244 Resp: 495172
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095411.D
 Acq: 25 May 2017 6:41

Tgt Ion:264 Resp: 122573
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 22.0 17.2 25.8

