

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095588.D
 Acq On : 1 Jun 2017 5:57
 Operator : SJ/MA
 Sample : I3353-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Quant Time: Jun 01 08:10:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 04:09:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	84238	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	329719	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	135478	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	199869	20.00	ng	0.00
75) Chrysene-d12	18.51	240	169232	20.00	ng	0.00
86) Perylene-d12	20.18	264	129516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	313289	62.01	ng	0.01
7) Phenol-d6	7.12	99	251003	41.40	ng	0.00
23) Nitrobenzene-d5	8.47	82	520011	99.45	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	161801	145.83	ng	0.00
44) 2-Fluorobiphenyl	11.37	172	1001126	106.36	ng	0.00
78) Terphenyl-d14	17.16	244	630577	82.07	ng	0.00

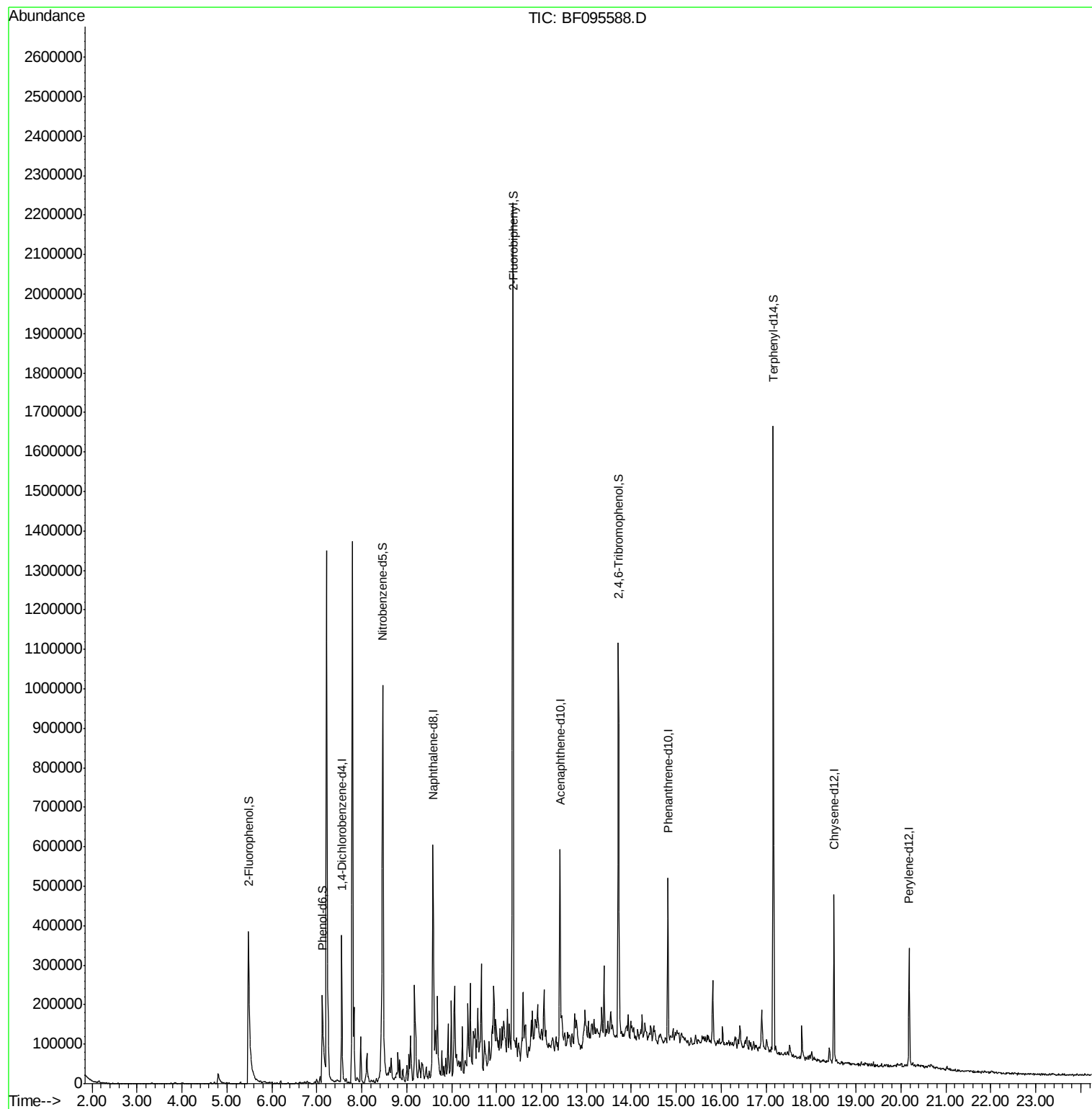
Target Compounds Qvalue

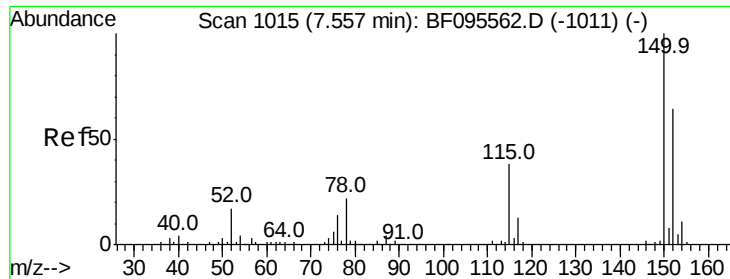
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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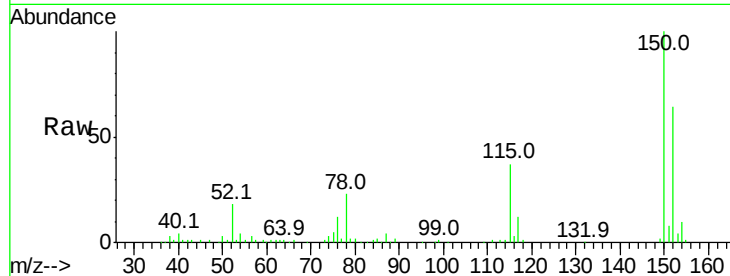


#1

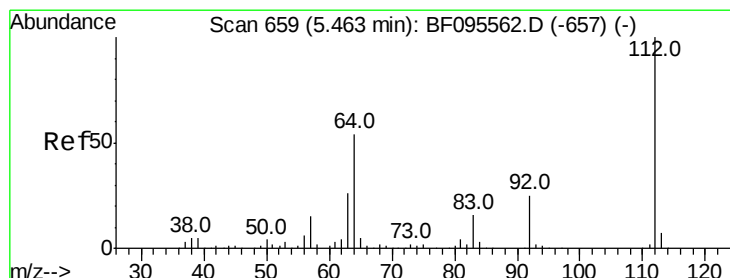
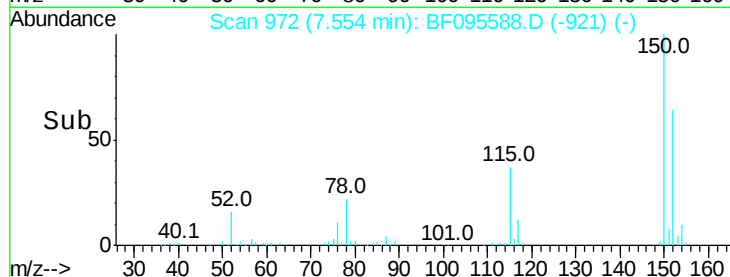
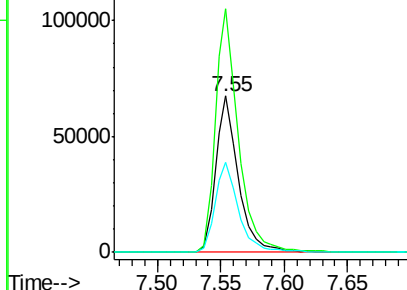
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF095588.D
Acq: 1 Jun 2017 5:57

Instrument :
BNA_F
ClientSampled :
RW-1

Tot Ion:152 Resp: 84238
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 57.9 52.2 78.2



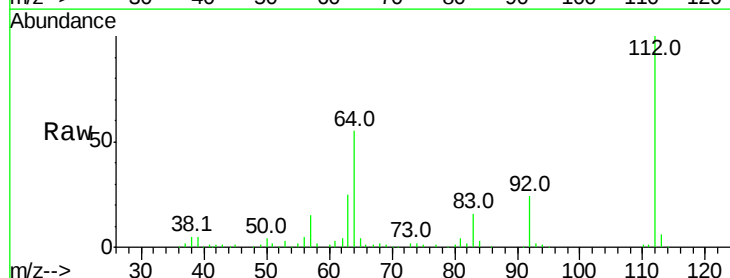
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



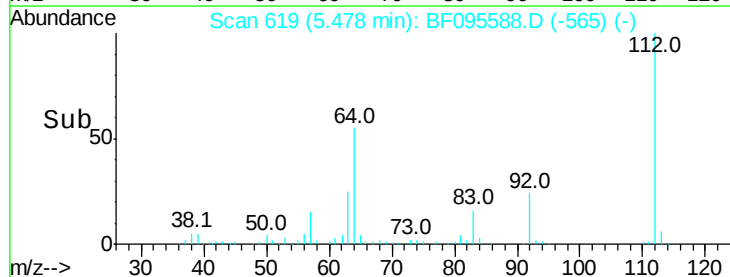
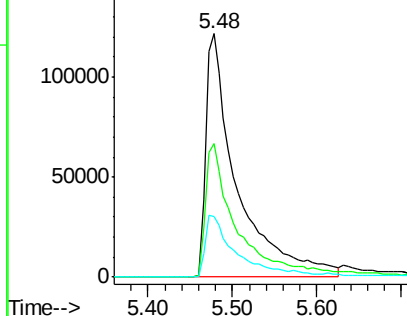
#5

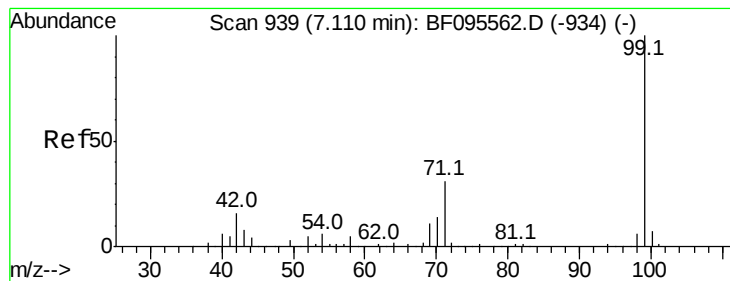
2-Fluorophenol
Concen: 62.01 ng
RT: 5.48 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF095588.D
Acq: 1 Jun 2017 5:57

Tgt Ion:112 Resp: 313289
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 24.8 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: 41.40 ng

RT: 7.12 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF095588.D

Acq: 1 Jun 2017 5:57

Instrument :

BNA_F

ClientSampleId :

RW-1

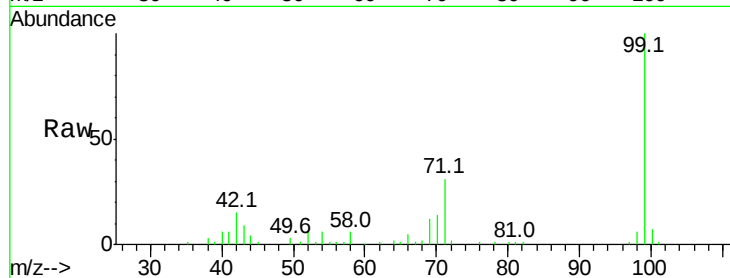
Tot Ion: 99 Resp: 251003

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

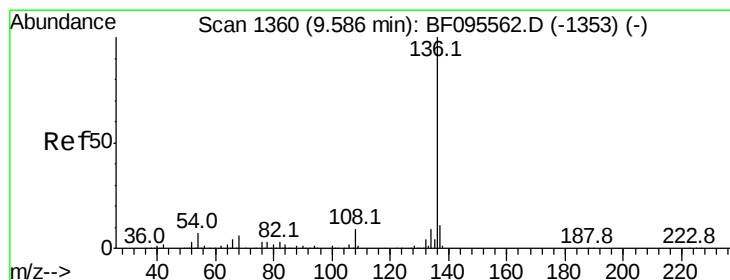
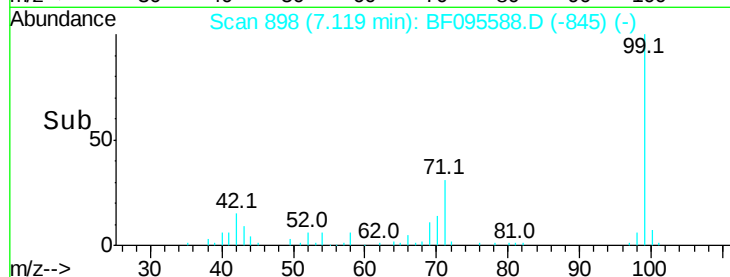
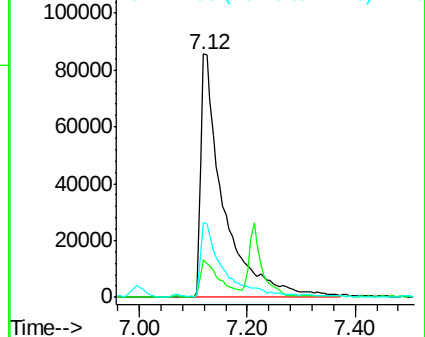
71 30.9 24.5 36.7



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: 20.00 ng

RT: 9.58 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF095588.D

Acq: 1 Jun 2017 5:57

Tgt Ion:136 Resp: 329719

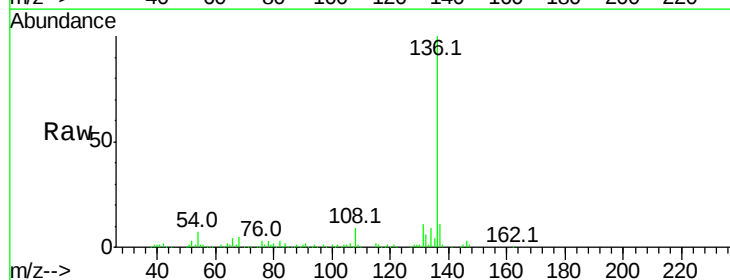
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.8 4.9 7.3

68 5.4 4.1 6.1

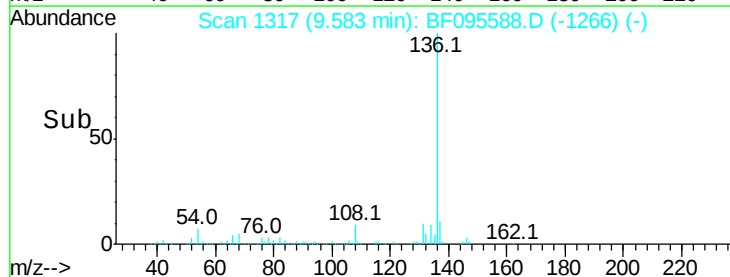
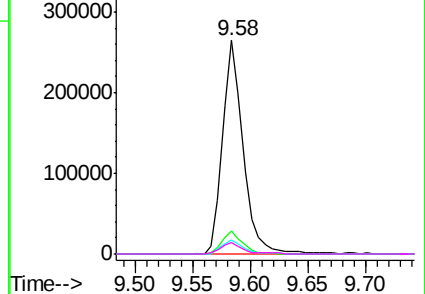


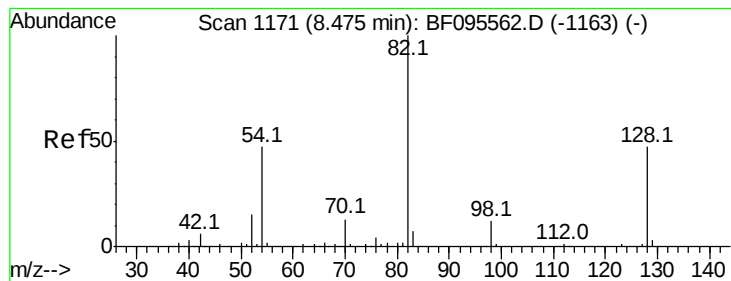
Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.45 ng

RT: 8.47 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF095588.D

Acq: 1 Jun 2017 5:57

Instrument :

BNA_F

ClientSampleID :

RW-1

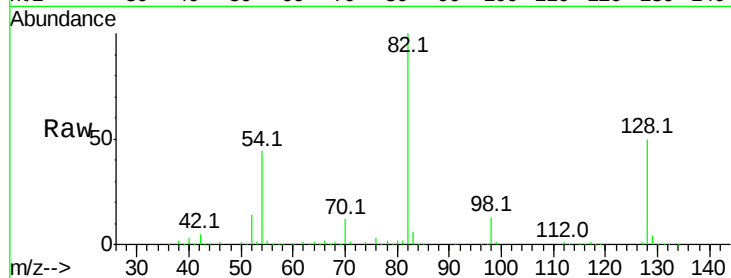
Tot Ion: 82 Resp: 520011

Ion Ratio Lower Upper

82 100

128 49.7 34.0 51.0

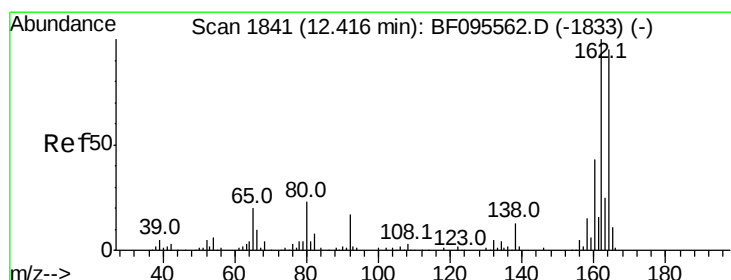
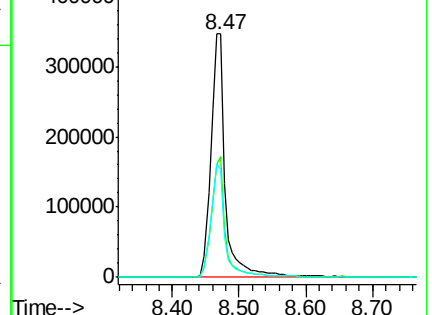
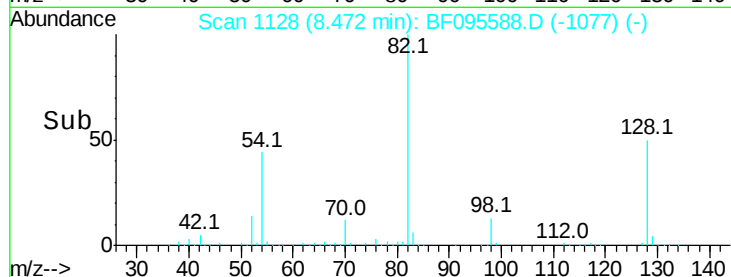
54 44.4 42.2 63.2



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: 20.00 ng

RT: 12.41 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF095588.D

Acq: 1 Jun 2017 5:57

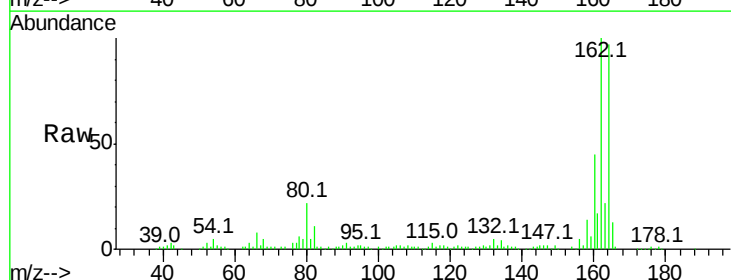
Tgt Ion:164 Resp: 135478

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

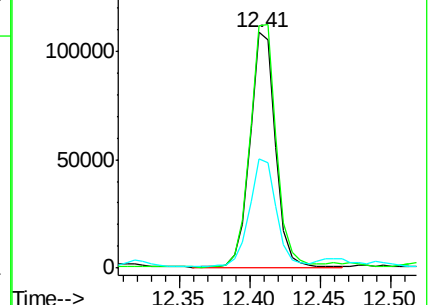
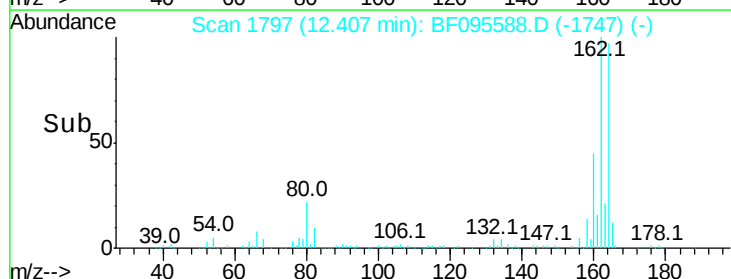
160 46.3 36.2 54.2

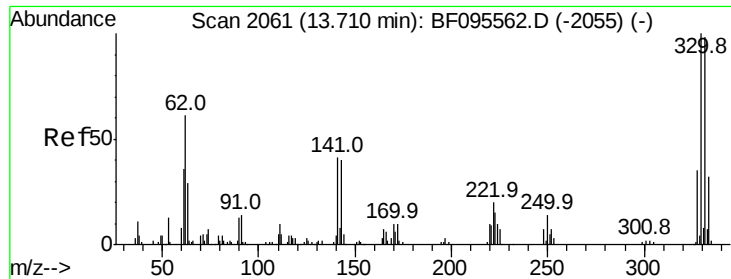


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

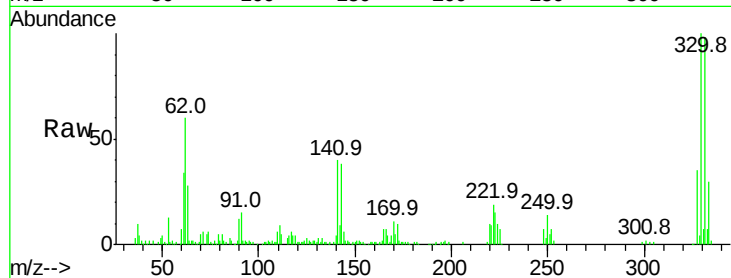




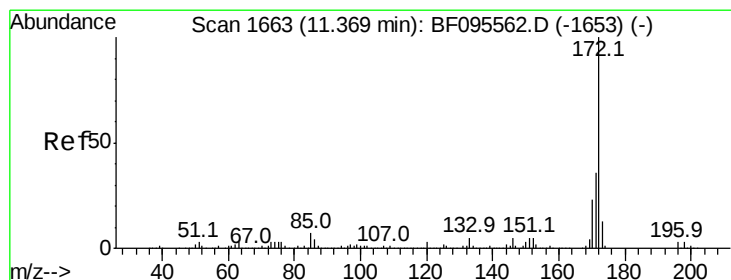
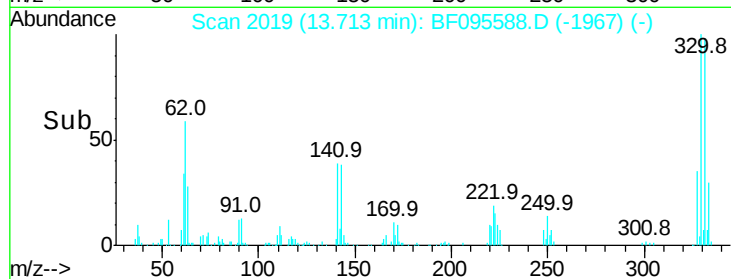
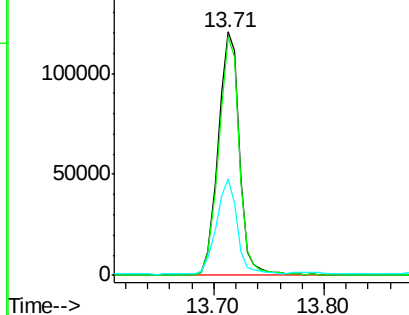
#41
 2,4,6-Tribromophenol
 Concen: 145.83 ng
 RT: 13.71 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tot Ion:330 Resp: 161801
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 37.7 31.4 47.2

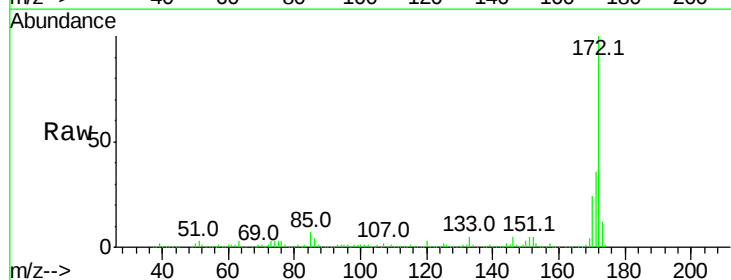


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

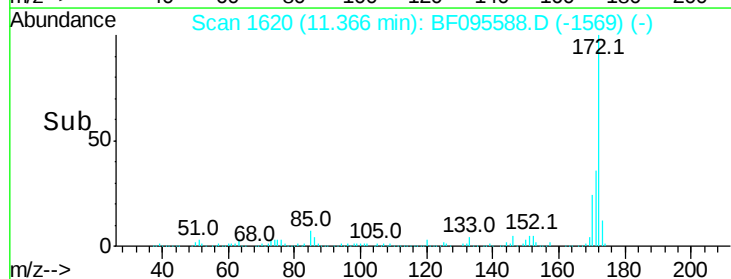
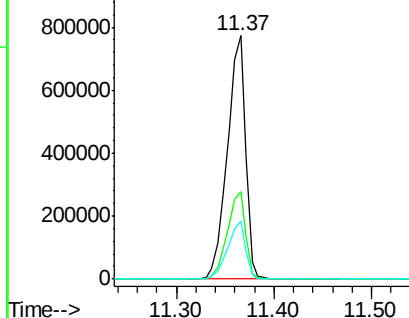


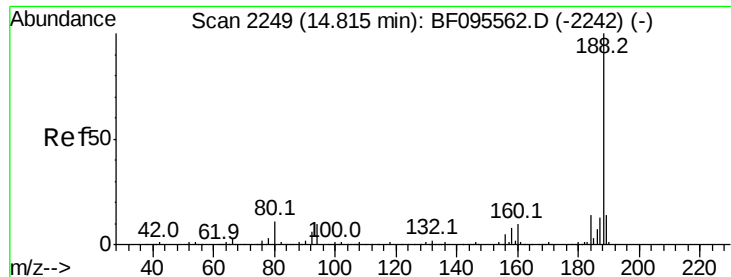
#44
 2-Fluorobiphenyl
 Concen: 106.36 ng
 RT: 11.37 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Tgt Ion:172 Resp: 1001126
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.6 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

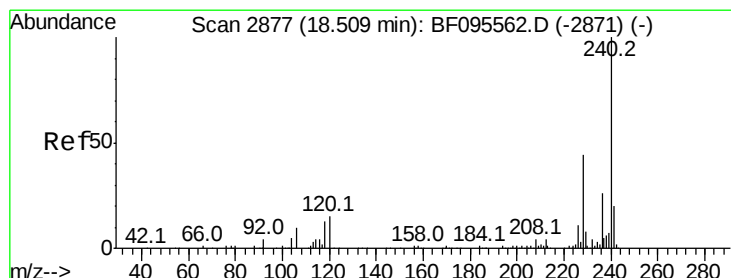
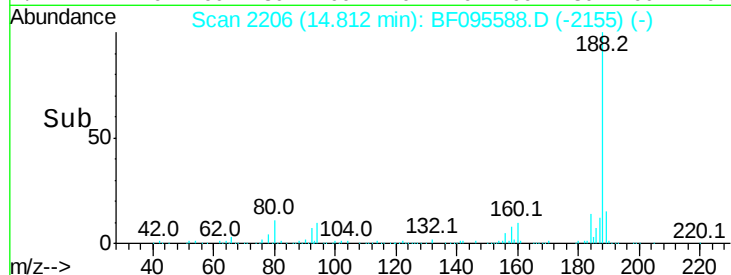
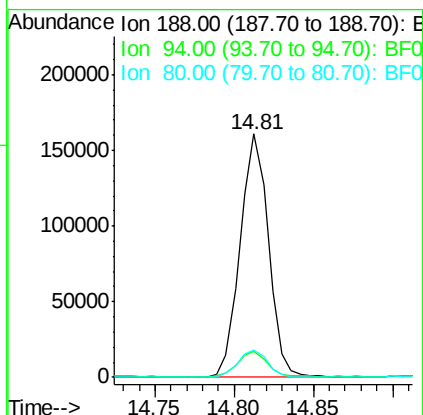
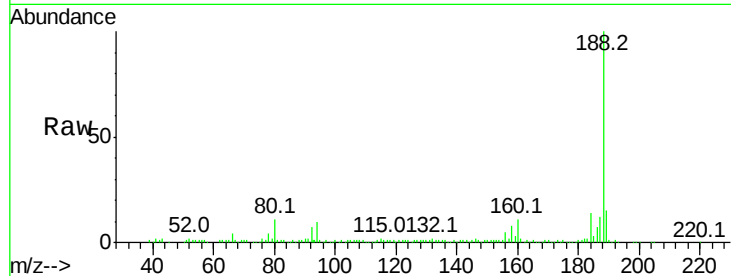




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF095588.D
Acq: 1 Jun 2017 5:57

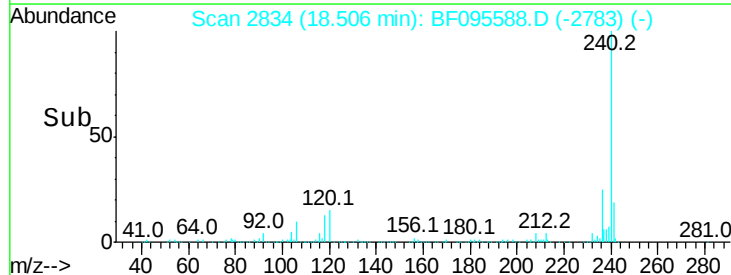
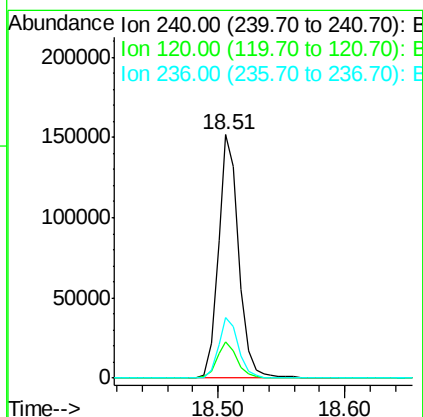
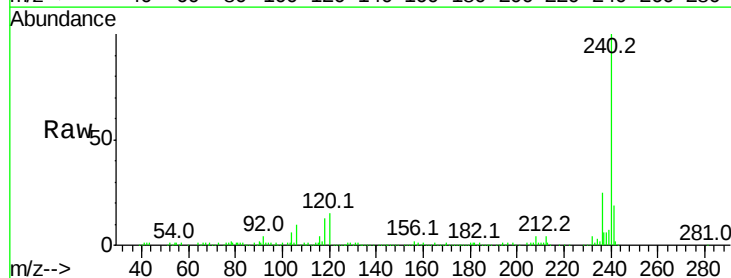
Instrument :
BNA_F
ClientSampleId :
RW-1

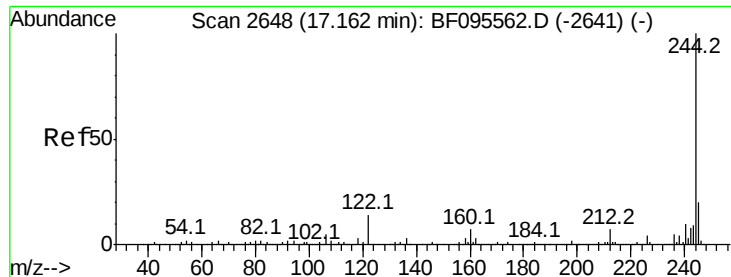
Tot Ion:188 Resp: 199869
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BF095588.D
Acq: 1 Jun 2017 5:57

Tgt Ion:240 Resp: 169232
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 24.9 20.5 30.7

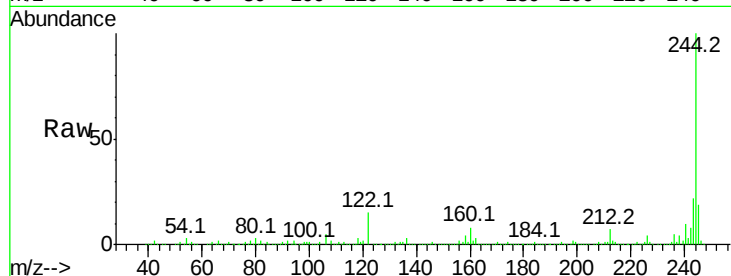




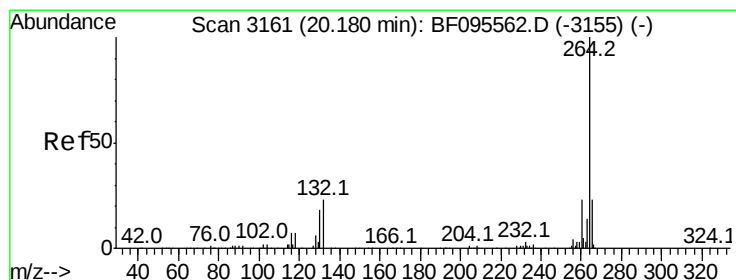
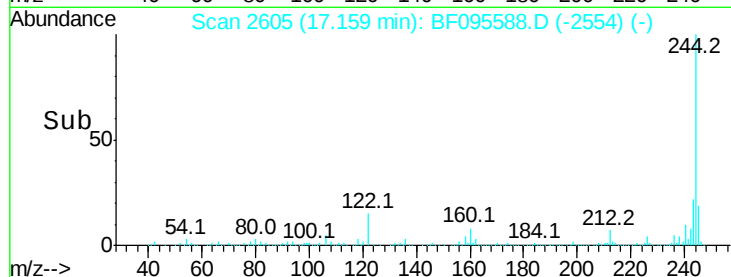
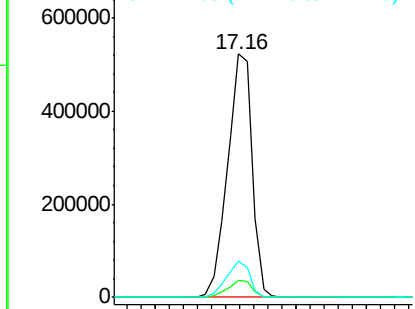
#78
 Terphenyl-d14
 Concen: 82.07 ng
 RT: 17.16 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tot Ion:244 Resp: 630577
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.0 10.3 15.5

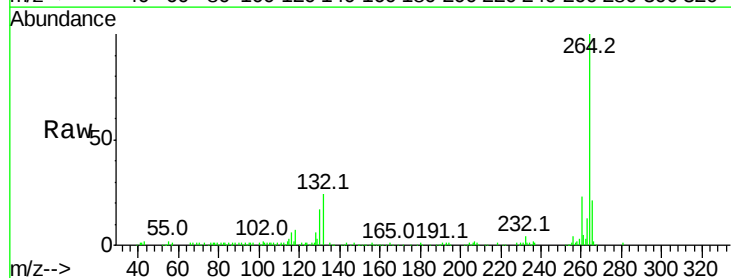


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.18 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Tgt Ion:264 Resp: 129516
 Ion Ratio Lower Upper
 264 100
 260 23.5 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

