

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095207.D
 Acq On : 18 May 2017 3:06
 Operator : SJ/MA
 Sample : I3184-06 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE2

Quant Time: May 18 07:16:24 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 04:48:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	88515	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	338304	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	121890	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	207279	20.00	ng	0.00
75) Chrysene-d12	18.69	240	197108	20.00	ng	0.00
86) Perylene-d12	20.37	264	151316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	52704	9.93	ng	0.05
7) Phenol-d6	7.35	99	80789	12.68	ng	0.04
23) Nitrobenzene-d5	8.69	82	51667	9.63	ng	0.01
41) 2,4,6-Tribromophenol	13.94	330	9227	9.24	ng	0.02
44) 2-Fluorobiphenyl	11.56	172	98844	11.67	ng	0.00
78) Terphenyl-d14	17.34	244	76355	8.53	ng	0.00

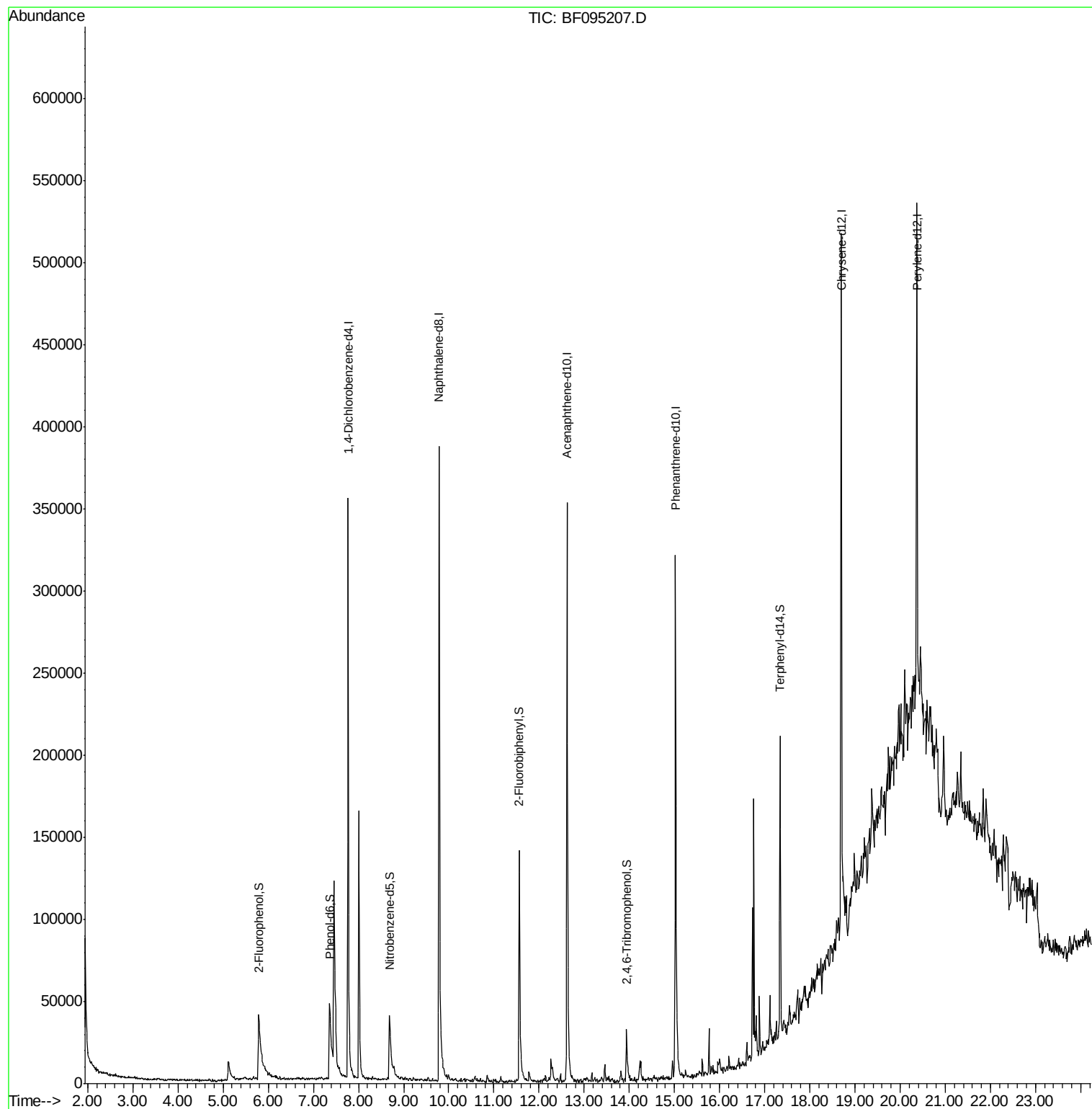
Target Compounds Qvalue

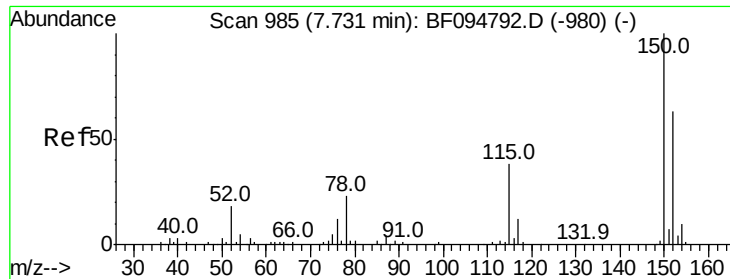
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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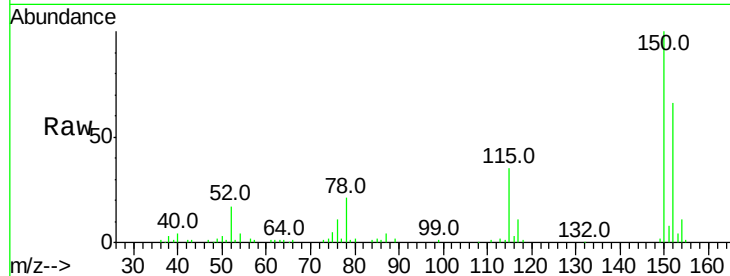


#1

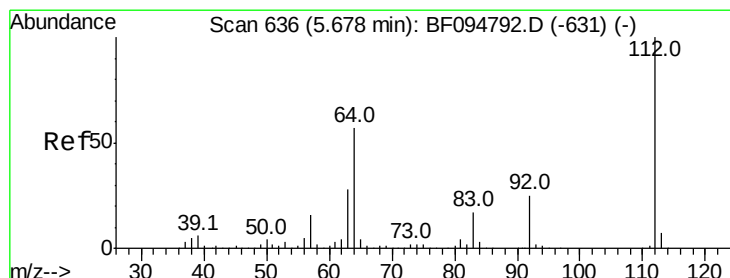
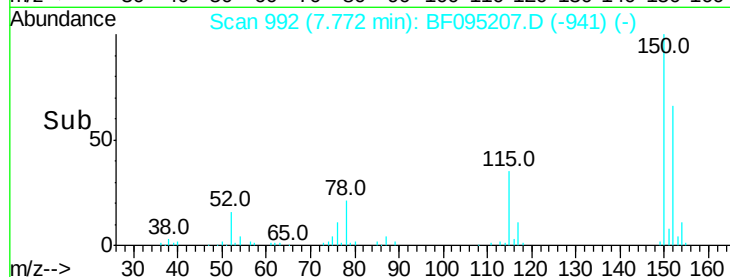
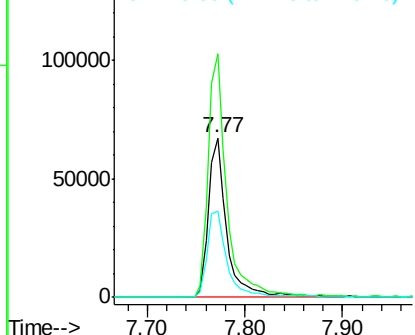
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF095207.D
Acq: 18 May 2017 3:06

Instrument :
BNA_F
ClientSampleId :
COMPOSITE2

Tot Ion:152 Resp: 88515
Ion Ratio Lower Upper
152 100
150 152.5 126.2 189.2
115 54.1 52.2 78.2



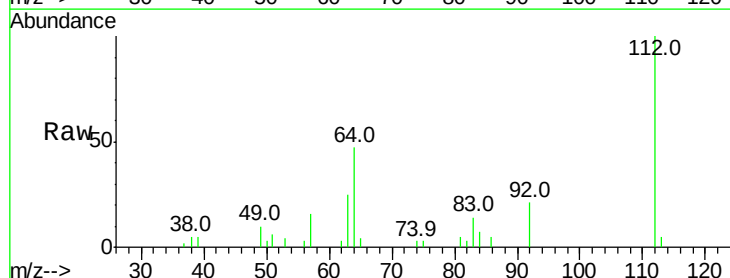
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



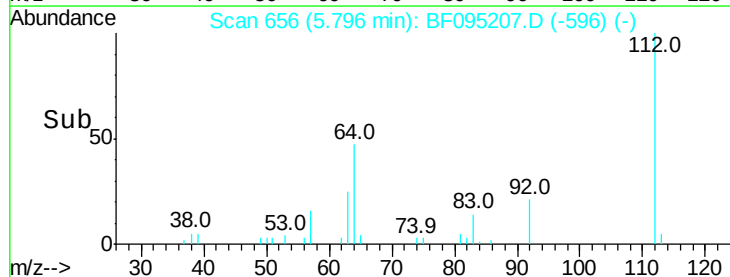
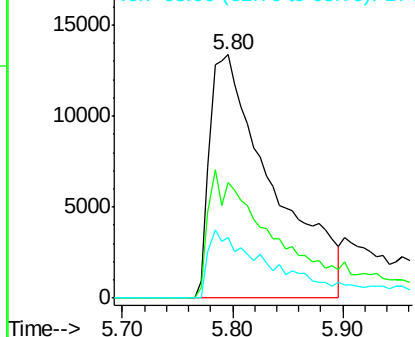
#5

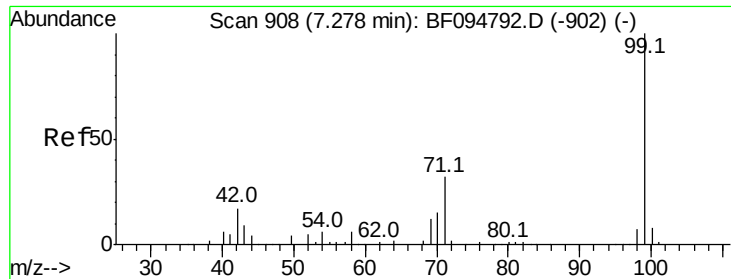
2-Fluorophenol
Concen: 9.93 ng
RT: 5.80 min Scan# 656
Delta R.T. 0.05 min
Lab File: BF095207.D
Acq: 18 May 2017 3:06

Tgt Ion:112 Resp: 52704
Ion Ratio Lower Upper
112 100
64 47.3 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: 12.68 ng

RT: 7.35 min Scan# 921

Delta R.T. 0.04 min

Lab File: BF095207.D

Acq: 18 May 2017 3:06

Instrument :

BNA_F

ClientSampleId :

COMPOSITE2

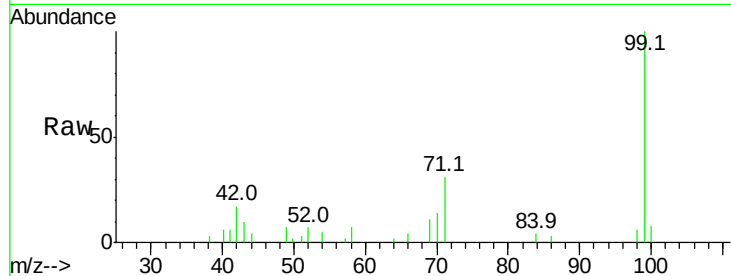
Tot Ion: 99 Resp: 80789

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

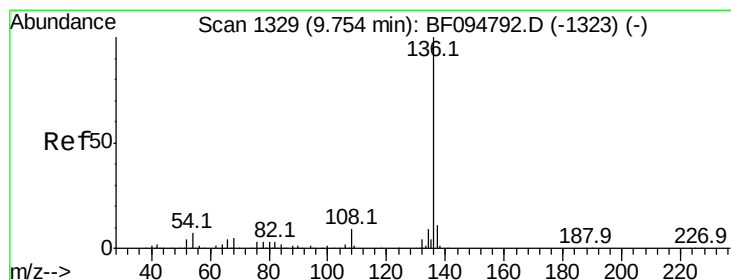
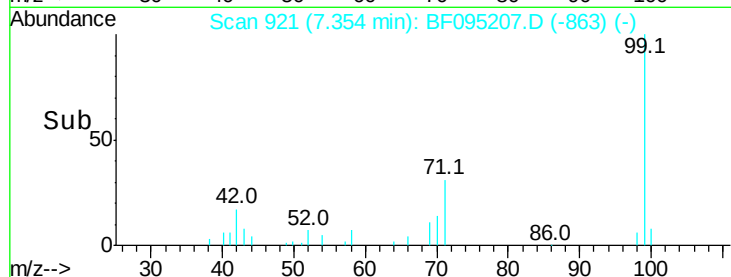
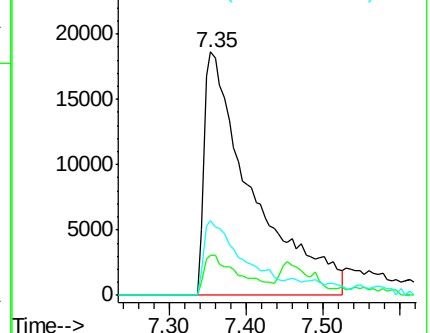
71 30.7 24.5 36.7



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. 0.00 min

Lab File: BF095207.D

Acq: 18 May 2017 3:06

Tgt Ion: 136 Resp: 338304

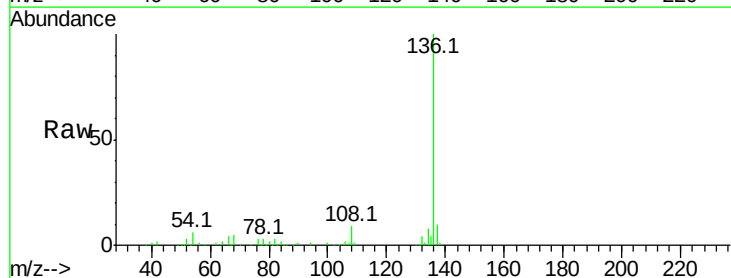
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.2 4.9 7.3

68 5.0 4.1 6.1

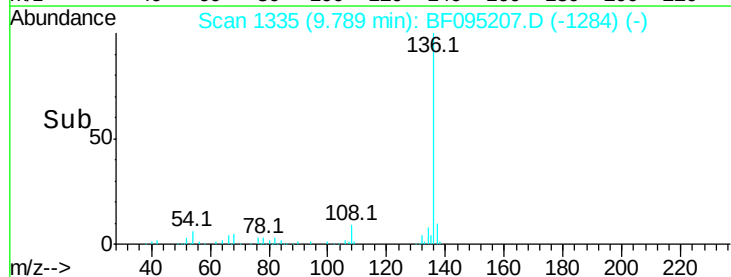
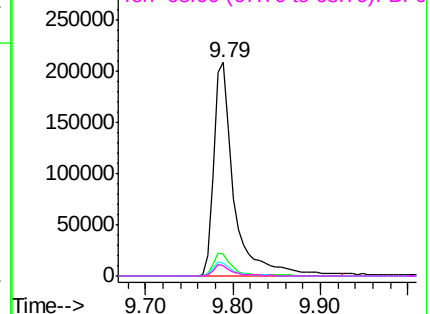


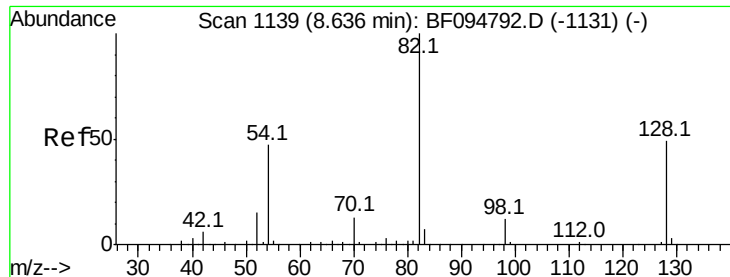
Abundance Ion 136.00 (135.70 to 136.70): E

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

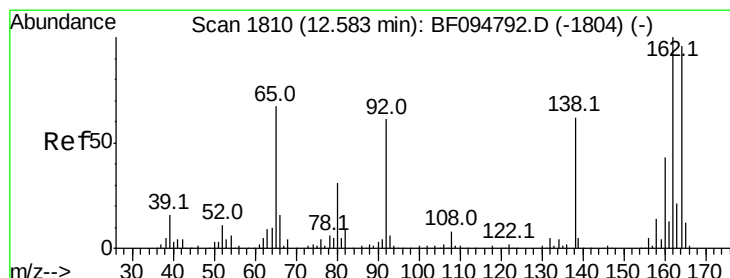
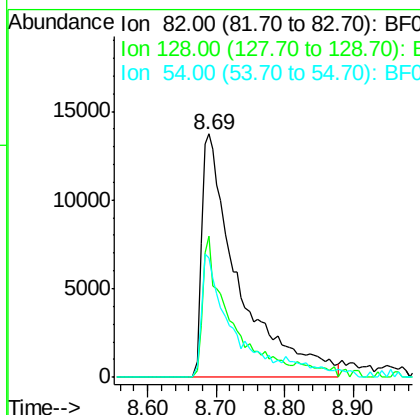
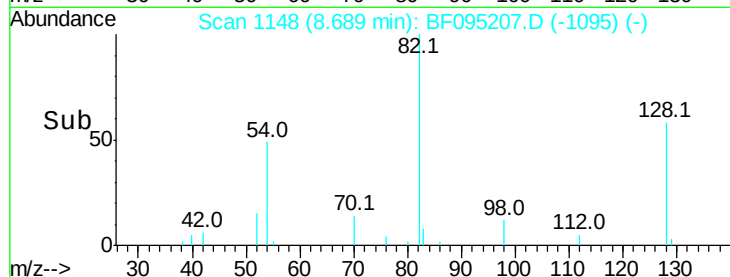
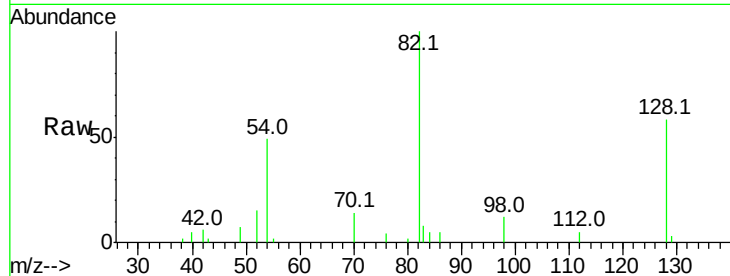




#23
Nitrobenzene-d5
Concen: 9.63 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF095207.D
Acq: 18 May 2017 3:06

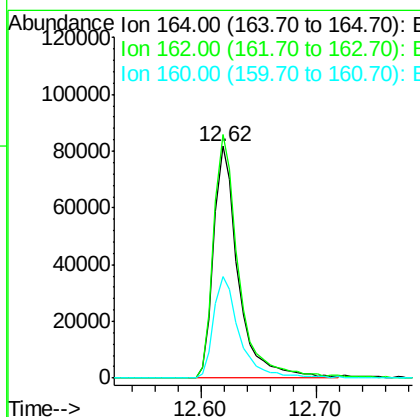
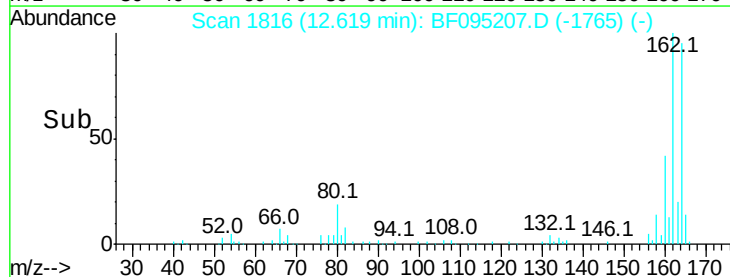
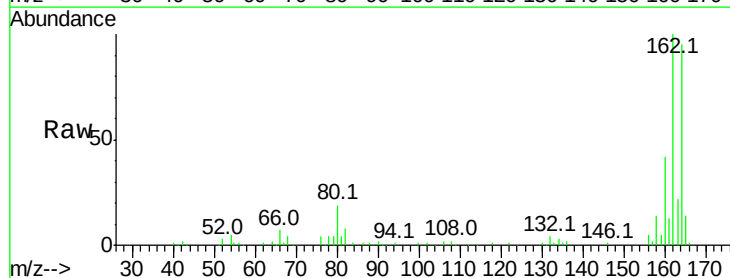
Instrument :
BNA_F
ClientSampleId :
COMPOSITE2

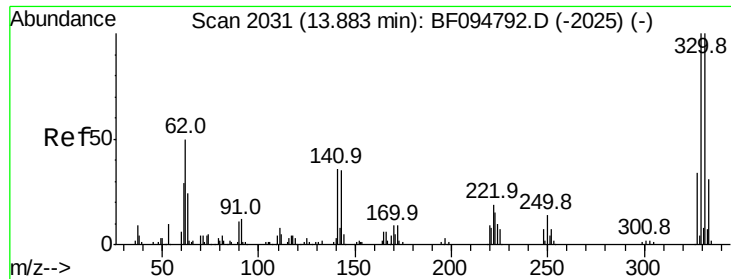
Tot Ion: 82 Resp: 51667
Ion Ratio Lower Upper
82 100
128 57.7 34.0 51.0#
54 49.2 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF095207.D
Acq: 18 May 2017 3:06

Tgt Ion:164 Resp: 121890
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 43.6 36.2 54.2

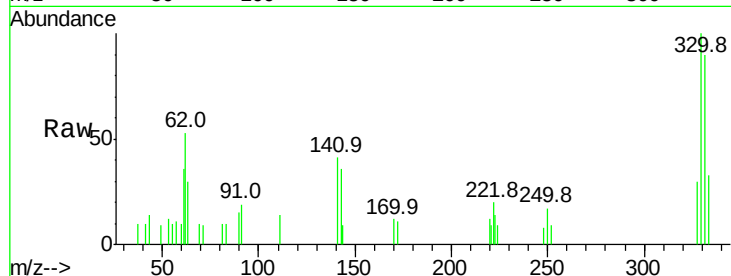




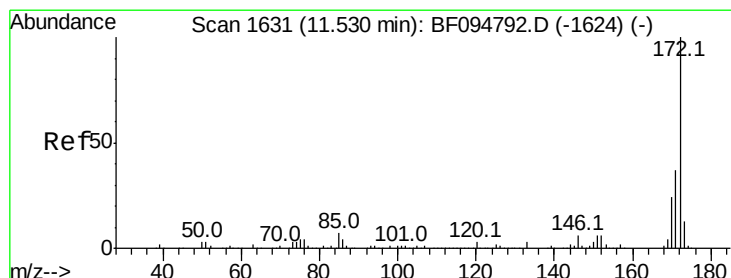
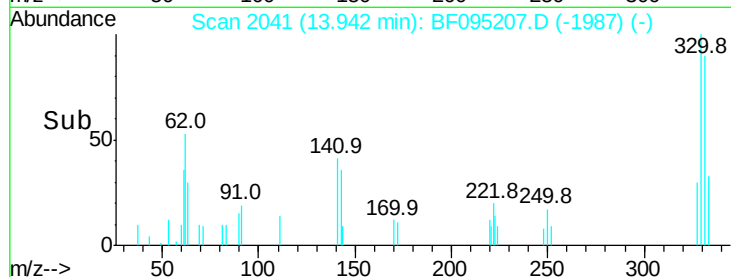
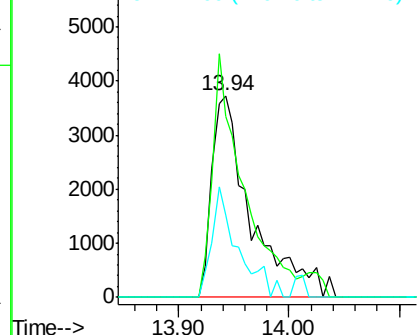
#41
 2,4,6-Tribromophenol
 Concen: 9.24 ng
 RT: 13.94 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF095207.D
 Acq: 18 May 2017 3:06

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE2

Tot Ion:330 Resp: 9227
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 115.0
 141 35.7 31.4 47.2

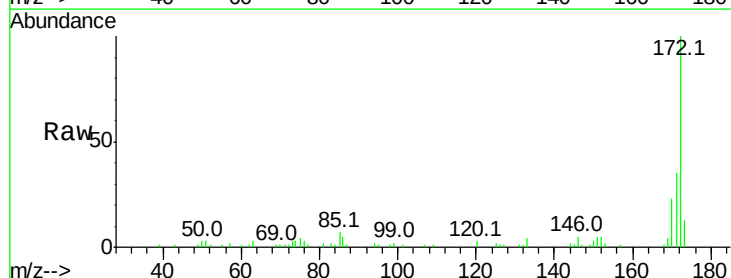


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

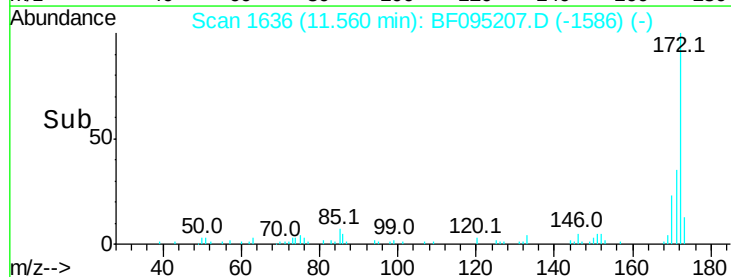
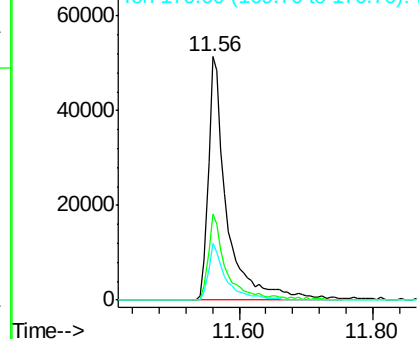


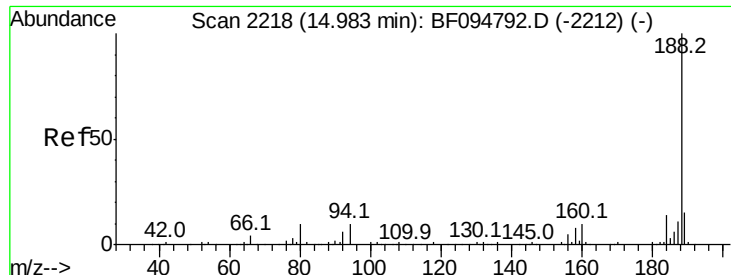
#44
 2-Fluorobiphenyl
 Concen: 11.67 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF095207.D
 Acq: 18 May 2017 3:06

Tgt Ion:172 Resp: 98844
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.3 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: BF095207.D

Acq: 18 May 2017 3:06

Instrument :

BNA_F

ClientSampleId :

COMPOSITE2

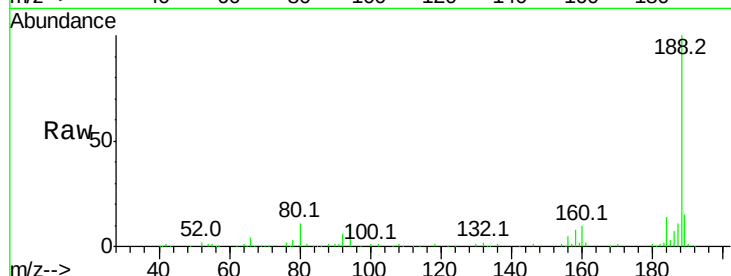
Tot Ion:188 Resp: 207279

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

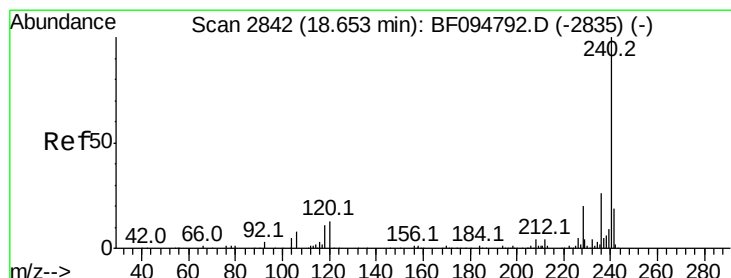
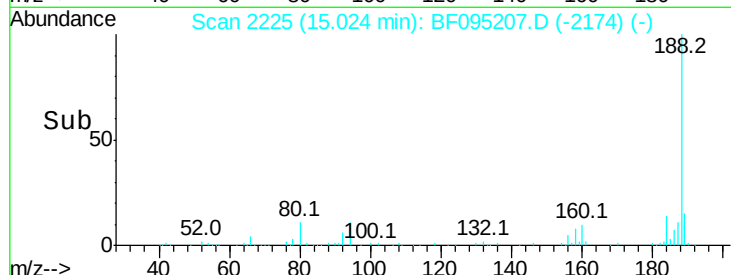
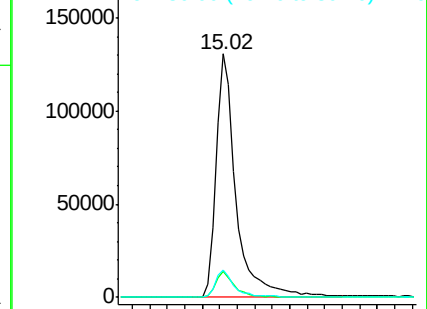
80 11.3 10.2 15.2



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: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095207.D

Acq: 18 May 2017 3:06

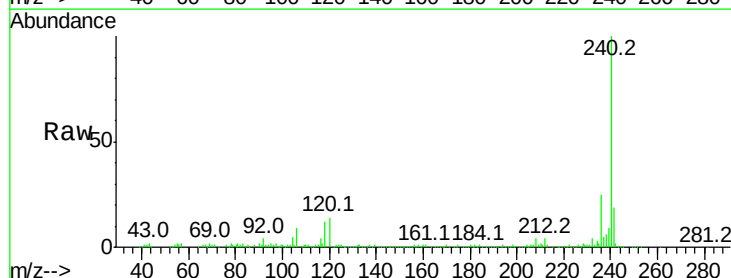
Tgt Ion:240 Resp: 197108

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

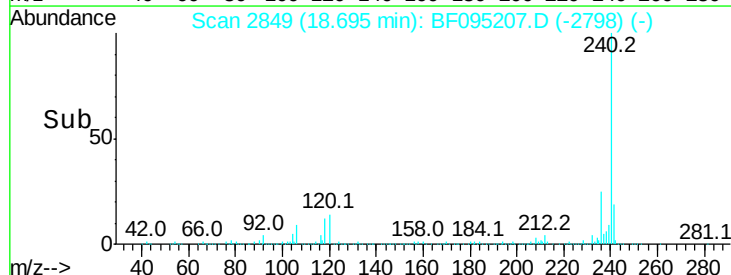
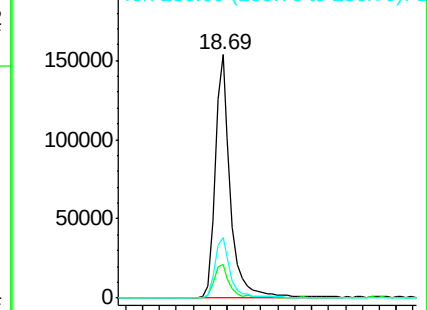
236 25.1 20.5 30.7

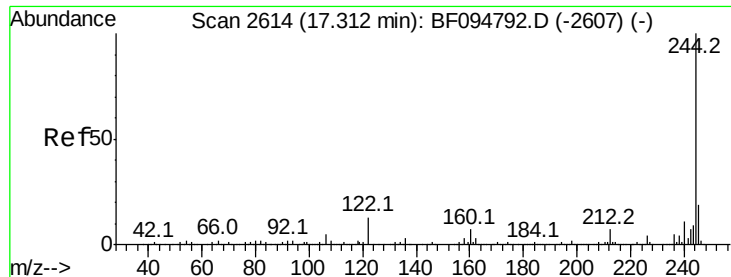


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 8.53 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095207.D

Acq: 18 May 2017 3:06

Instrument :

BNA_F

ClientSampleId :

COMPOSITE2

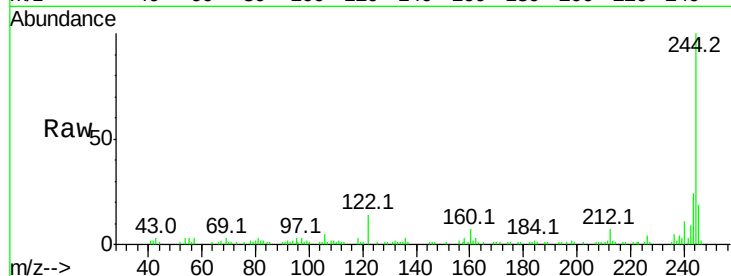
Tot Ion:244 Resp: 76355

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

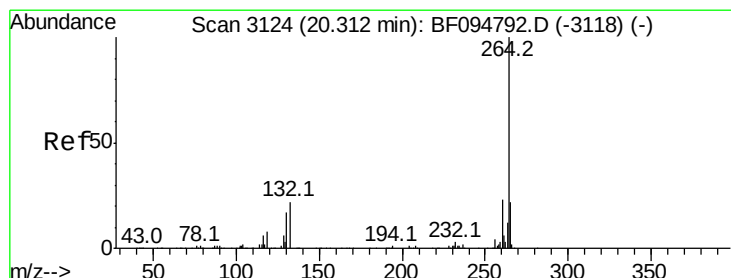
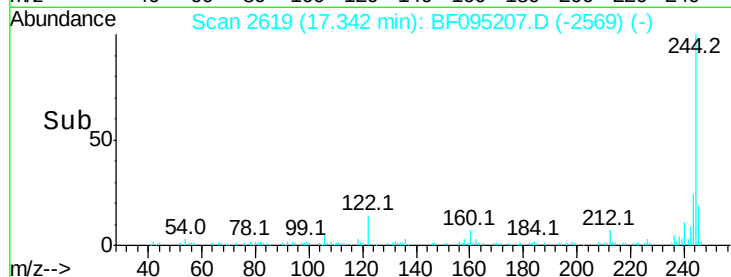
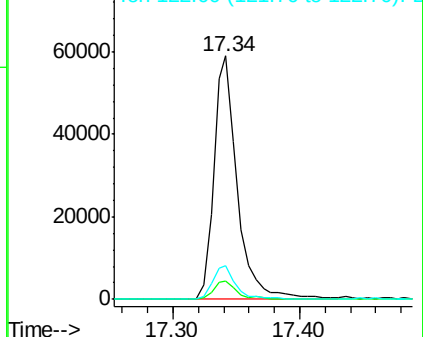
122 13.9 10.3 15.5



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: 20.37 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BF095207.D

Acq: 18 May 2017 3:06

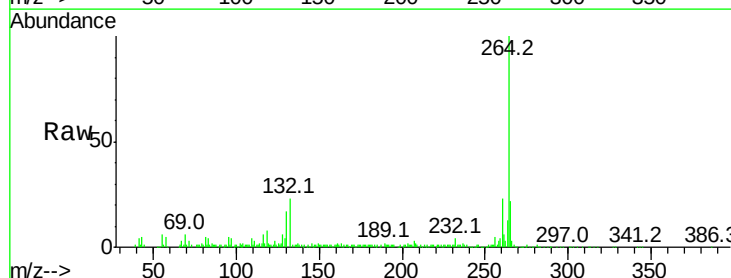
Tgt Ion:264 Resp: 151316

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.6 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

