

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095241.D
 Acq On : 19 May 2017 1:17
 Operator : SJ/MA
 Sample : I3189-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-14

Quant Time: May 19 04:13:29 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	7.78	152	101339	20.00	ng	0.01
21) Naphthalene-d8	9.79	136	401710	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	193611	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	368383	20.00	ng	0.00
75) Chrysene-d12	18.69	240	243057	20.00	ng	0.00
86) Perylene-d12	20.38	264	151112	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	670036	110.23	ng	0.03
7) Phenol-d6	7.32	99	759349	104.12	ng	0.00
23) Nitrobenzene-d5	8.67	82	514439	80.75	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	220754	139.22	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1106332	82.25	ng	0.00
78) Terphenyl-d14	17.34	244	1032287	93.55	ng	0.00

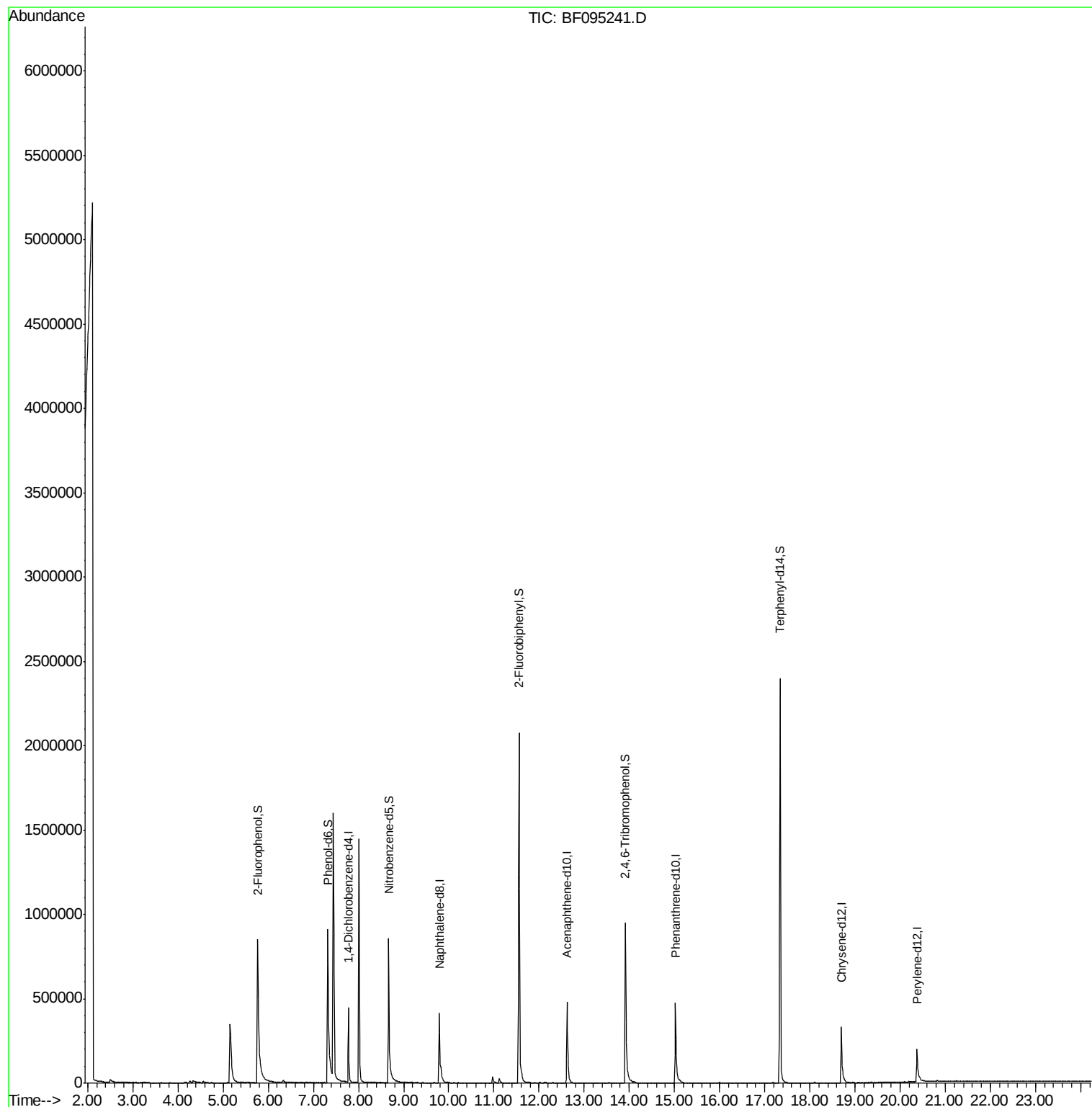
Target Compounds Qvalue

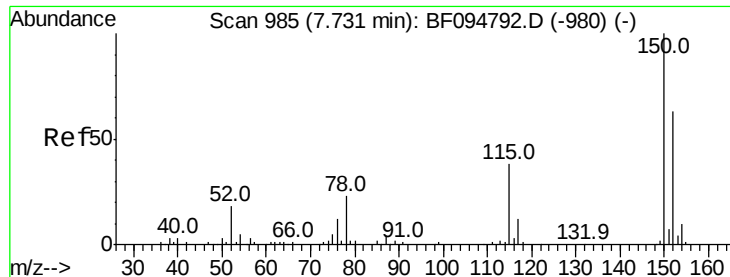
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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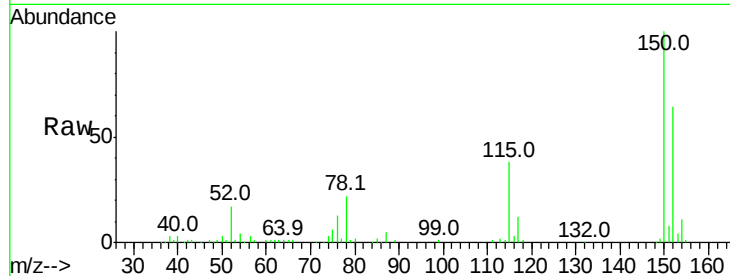


#1

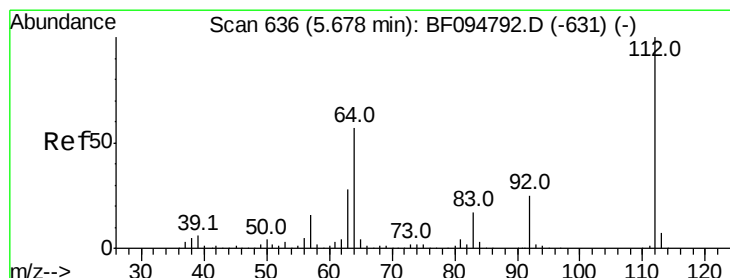
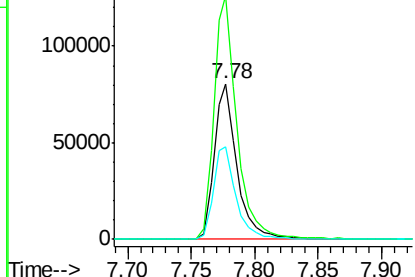
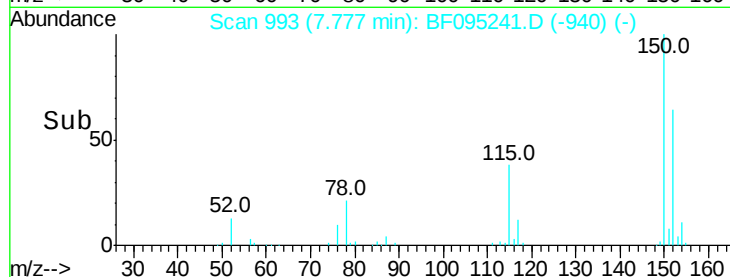
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.78 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF095241.D
 Acq: 19 May 2017 1:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-14

Tot Ion:152 Resp: 101339
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.2
 115 59.3 52.2 78.2



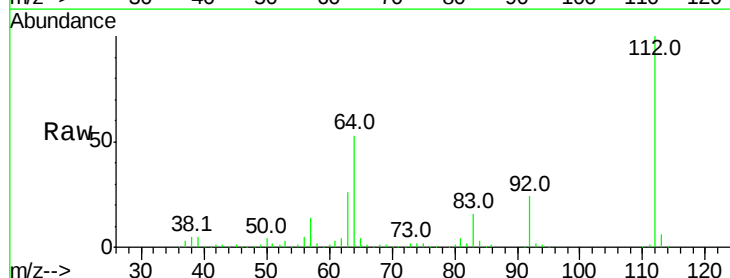
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



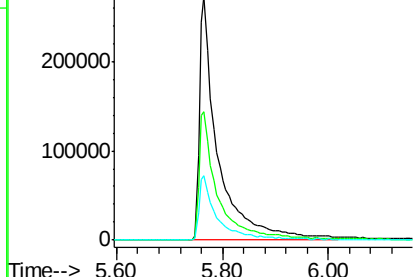
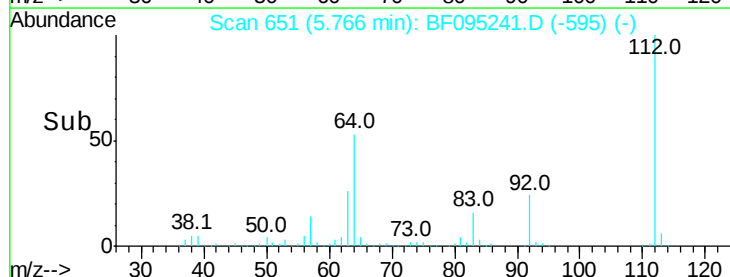
#5

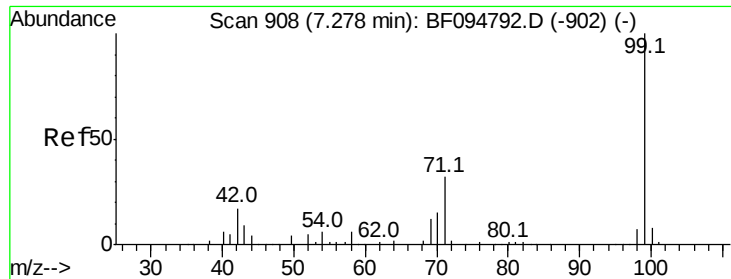
2-Fluorophenol
 Concen: 110.23 ng
 RT: 5.77 min Scan# 651
 Delta R.T. 0.03 min
 Lab File: BF095241.D
 Acq: 19 May 2017 1:17

Tgt Ion:112 Resp: 670036
 Ion Ratio Lower Upper
 112 100
 64 52.7 46.0 69.0
 63 26.4 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: 104.12 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF095241.D

Acq: 19 May 2017 1:17

Instrument :

BNA_F

ClientSampleId :

TP-13-14

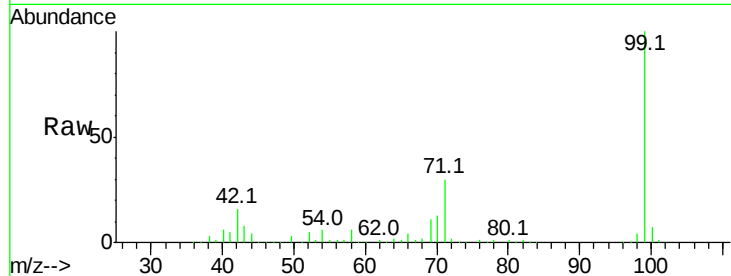
Tot Ion: 99 Resp: 759349

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

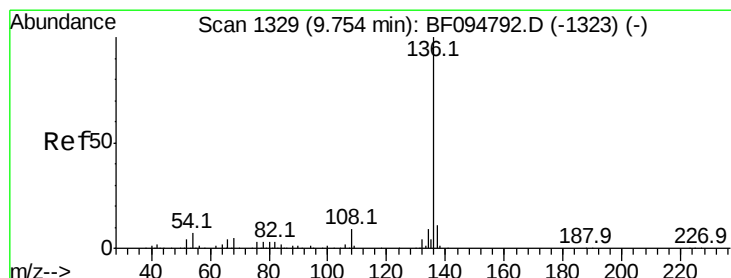
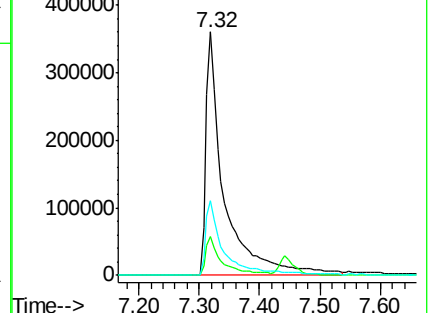
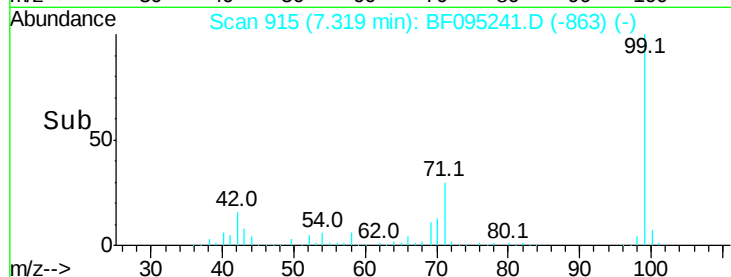
71 30.5 24.5 36.7



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: BF095241.D

Acq: 19 May 2017 1:17

Tgt Ion: 136 Resp: 401710

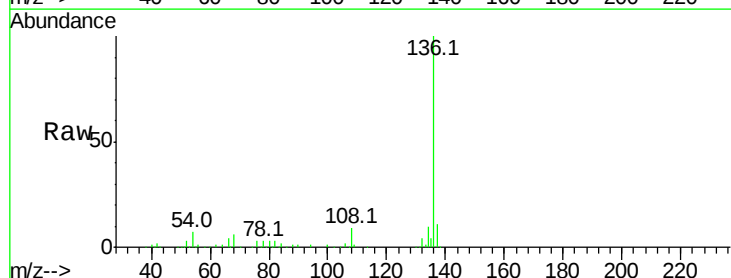
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

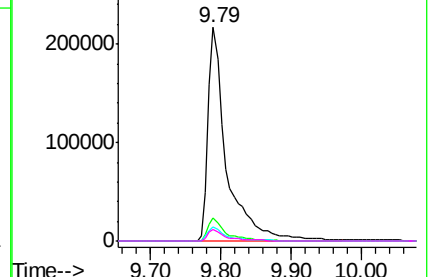
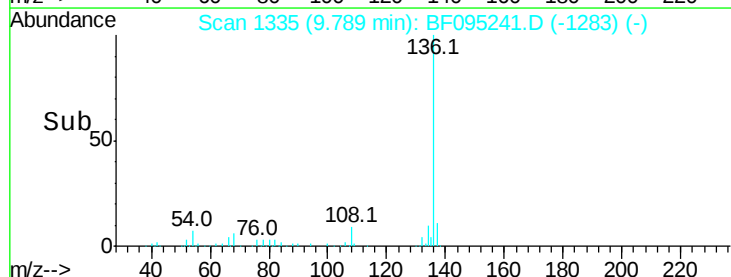


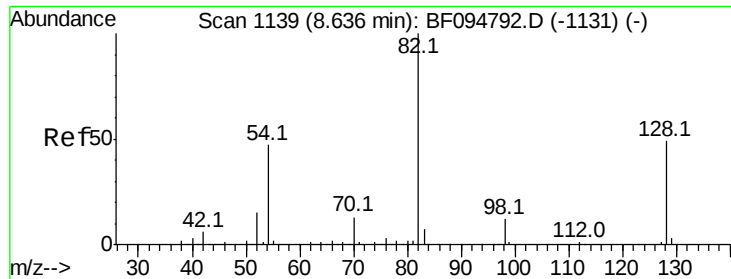
Abundance Ion 136.00 (135.70 to 136.70): E

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

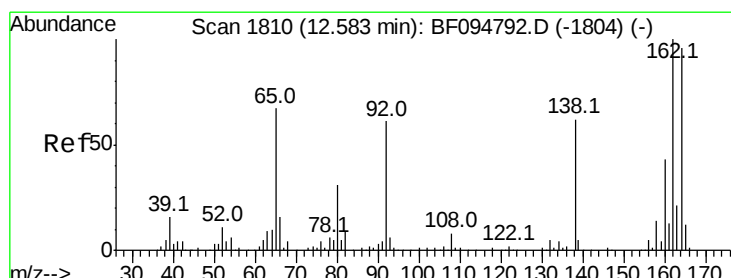
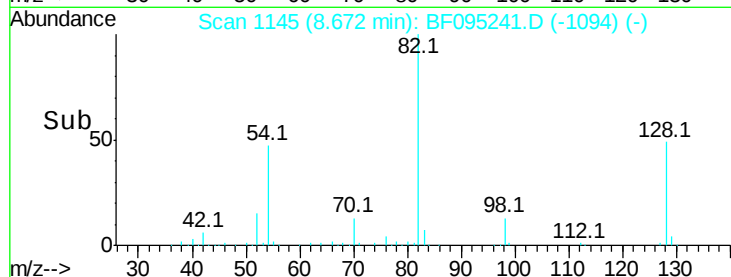
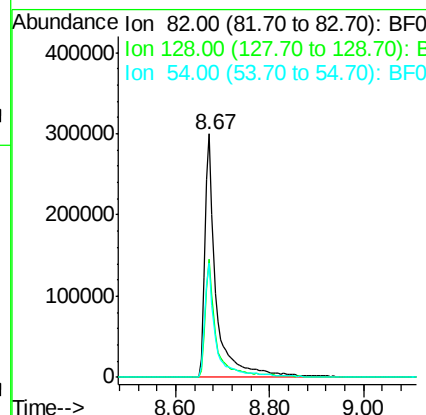
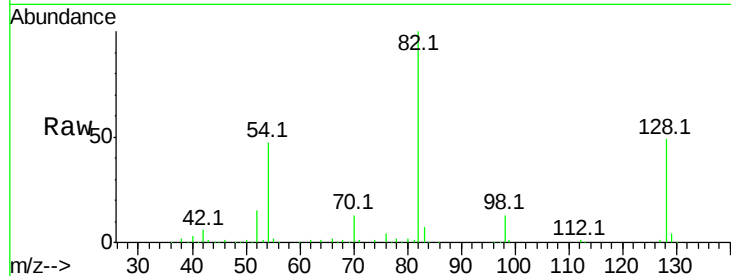




#23
Nitrobenzene-d5
Concen: 80.75 ng
RT: 8.67 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF095241.D
Acq: 19 May 2017 1:17

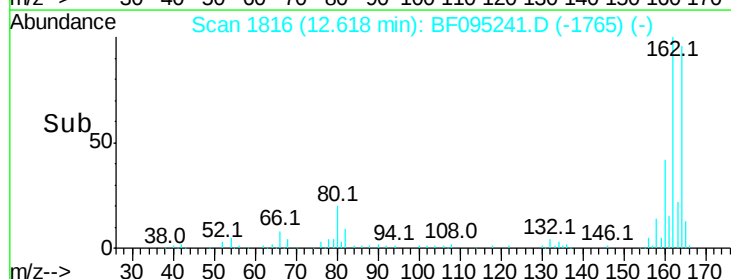
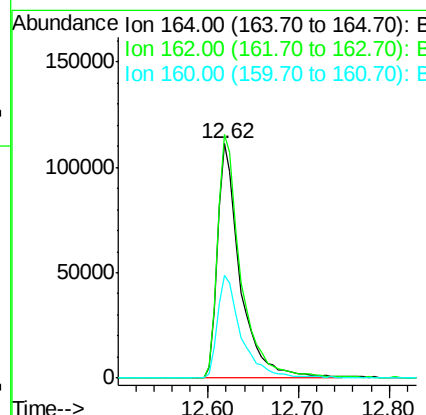
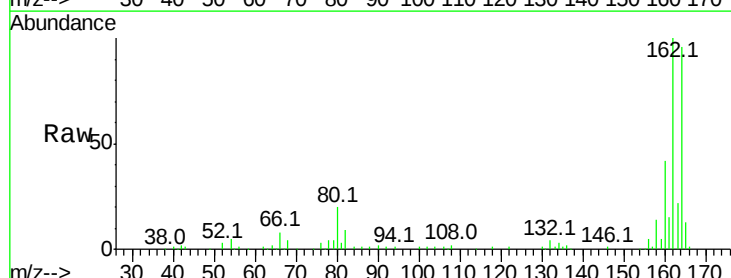
Instrument :
BNA_F
ClientSampled :
TP-13-14

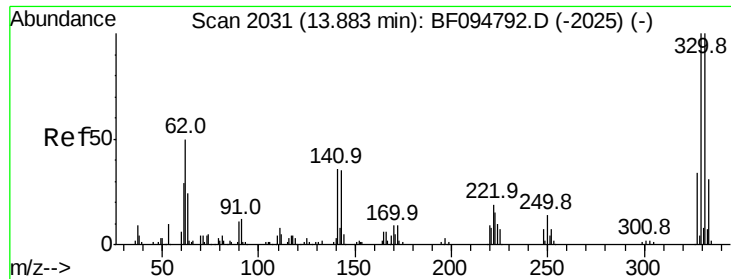
Tot Ion: 82 Resp: 514439
Ion Ratio Lower Upper
82 100
128 48.6 34.0 51.0
54 46.9 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF095241.D
Acq: 19 May 2017 1:17

Tgt Ion:164 Resp: 193611
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 44.0 36.2 54.2

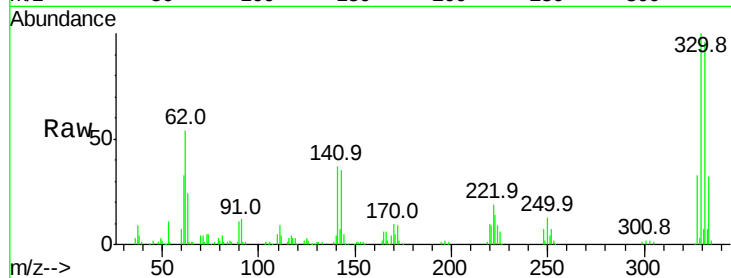




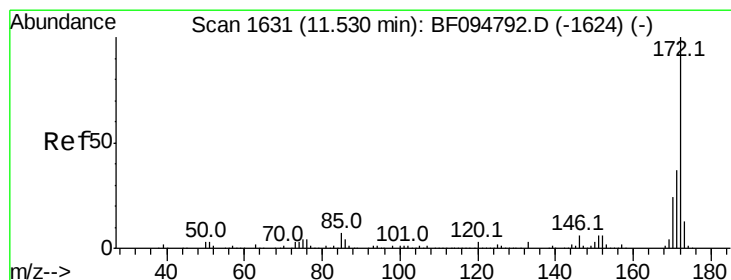
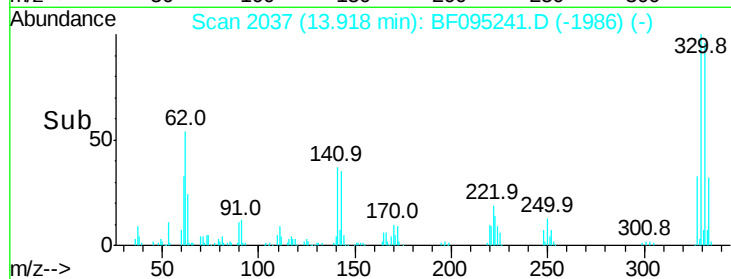
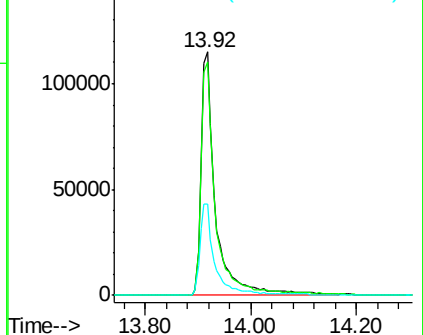
#41
 2,4,6-Tribromophenol
 Concen: 139.22 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF095241.D
 Acq: 19 May 2017 1:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	115.0
141	38.5	31.4	47.2

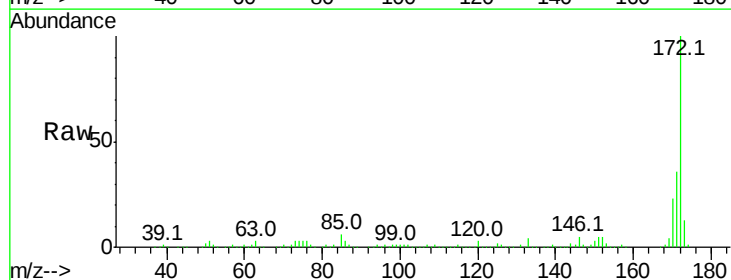


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

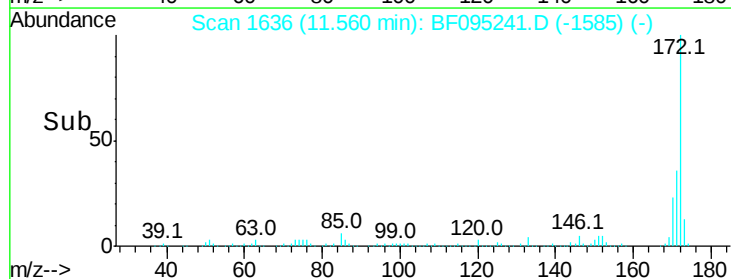
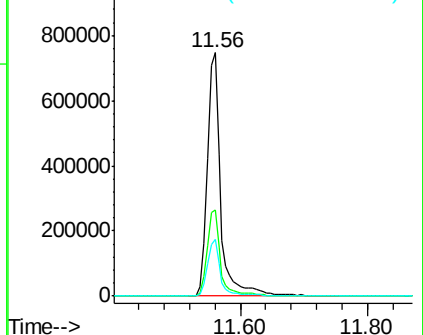


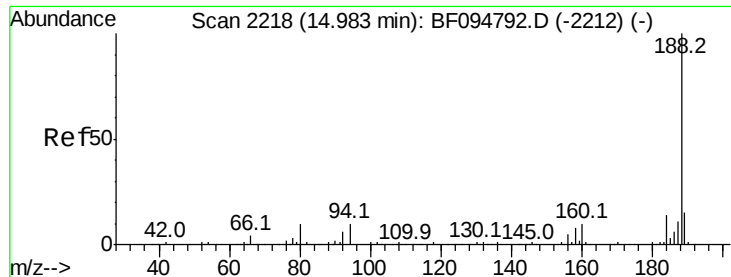
#44
 2-Fluorobiphenyl
 Concen: 82.25 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BF095241.D
 Acq: 19 May 2017 1:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	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

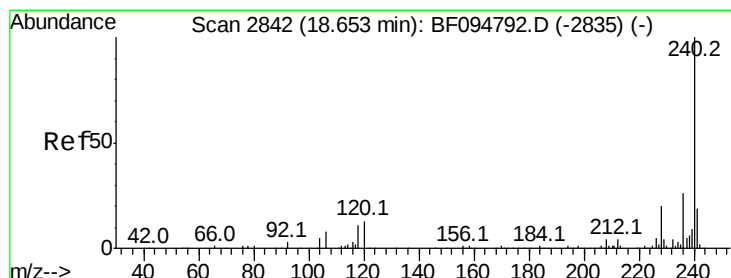
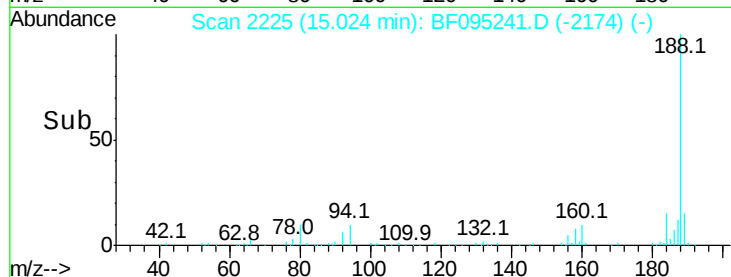
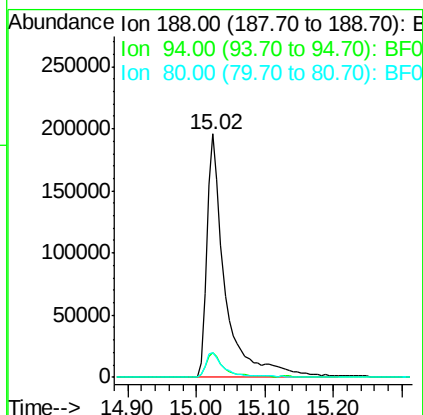
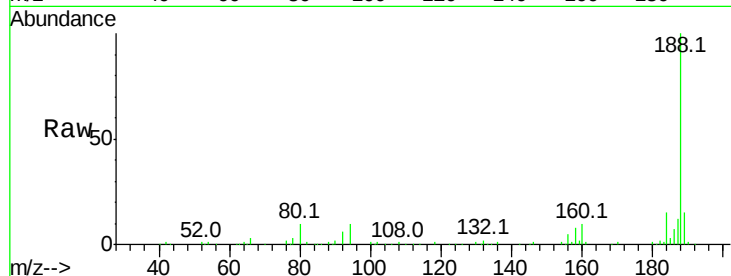




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF095241.D
 Acq: 19 May 2017 1:17

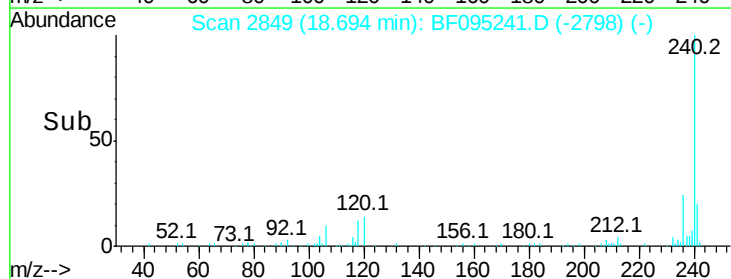
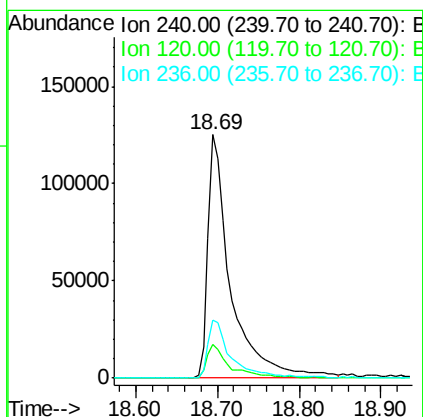
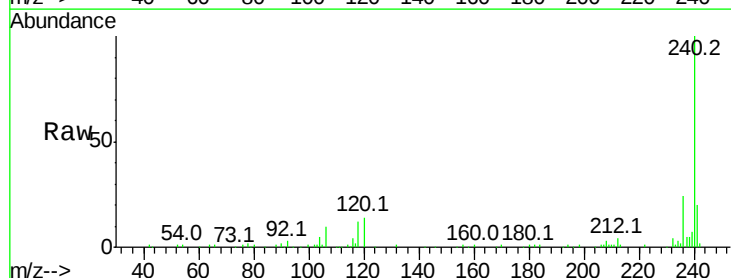
Instrument :
 BNA_F
 ClientSampleId :
 TP-13-14

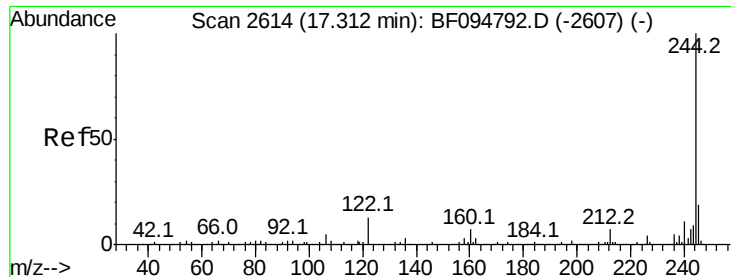
Tot Ion:188 Resp: 368383
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 10.4 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BF095241.D
 Acq: 19 May 2017 1:17

Tgt Ion:240 Resp: 243057
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 23.7 20.5 30.7





#78

Terphenyl-d14

Concen: 93.55 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095241.D

Acq: 19 May 2017 1:17

Instrument :

BNA_F

ClientSampleId :

TP-13-14

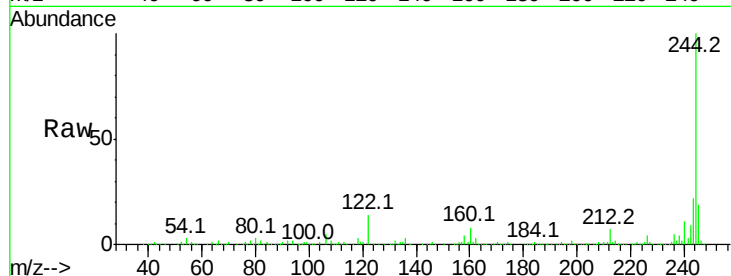
Tot Ion:244 Resp: 1032287

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

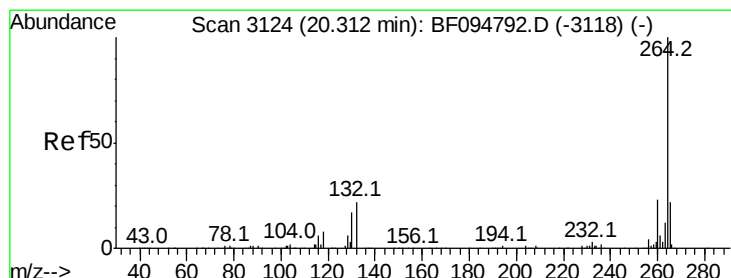
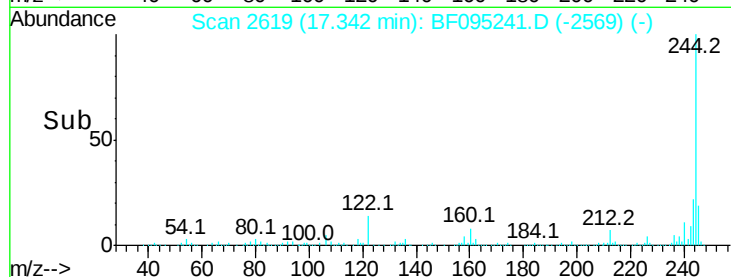
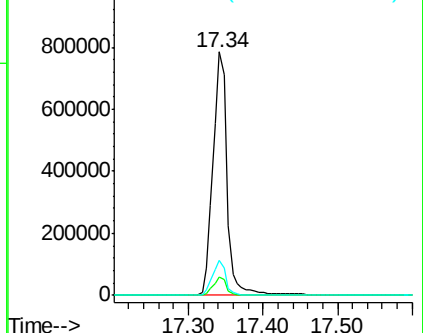
122 14.2 10.3 15.5



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: BF095241.D

Acq: 19 May 2017 1:17

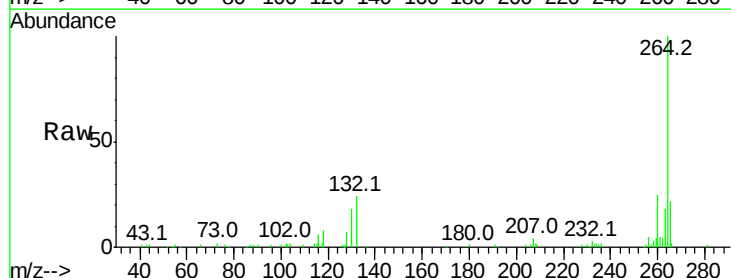
Tgt Ion:264 Resp: 151112

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.4 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

