

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095481.D
 Acq On : 27 May 2017 3:21
 Operator : SJ/MA
 Sample : PB99316BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BL

Quant Time: May 27 06:53:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	85443	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	321211	20.00	ng	0.01
38) Acenaphthene-d10	12.61	164	103829	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	181921	20.00	ng	0.01
75) Chrysene-d12	18.68	240	126459	20.00	ng	0.00
86) Perylene-d12	20.37	264	108699	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	429732	83.85	ng	0.02
7) Phenol-d6	7.30	99	510012	82.94	ng	0.00
23) Nitrobenzene-d5	8.65	82	409518	80.39	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	52574	61.83	ng	0.02
44) 2-Fluorobiphenyl	11.54	172	931226	129.09	ng	0.00
78) Terphenyl-d14	17.32	244	569216	99.14	ng	0.00

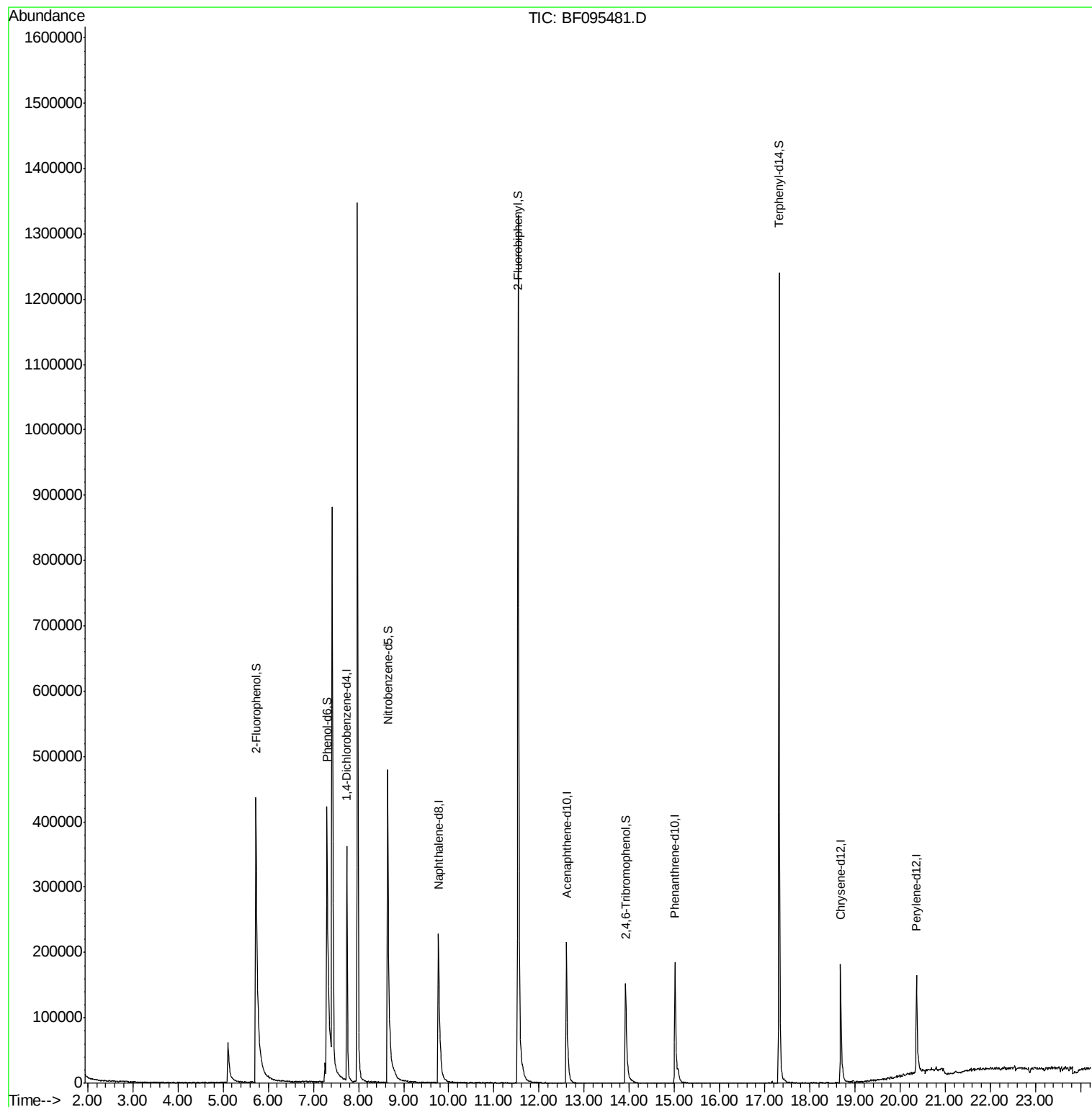
Target Compounds Qvalue

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

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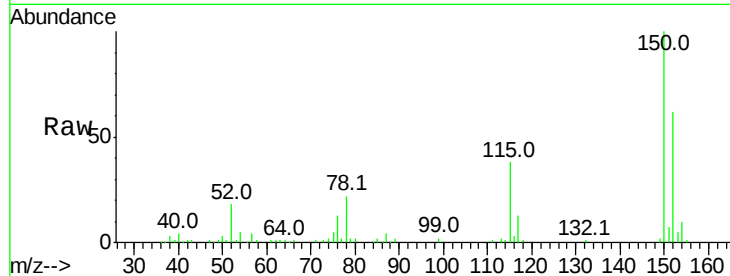


#1

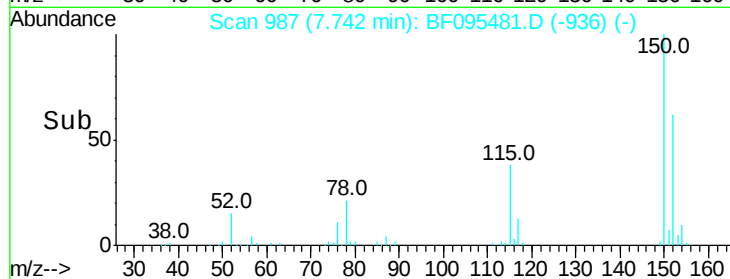
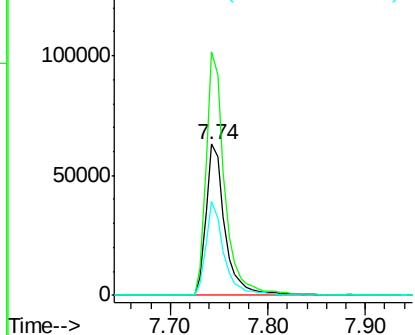
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095481.D
Acq: 27 May 2017 3:21

Instrument :
BNA_F
ClientSampleId :
PB99316BL

Tot Ion:152 Resp: 85443
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 61.9 52.2 78.2



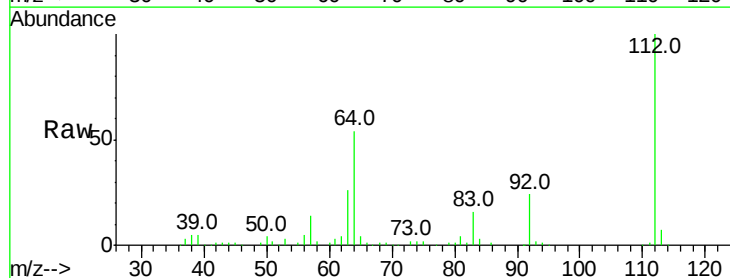
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



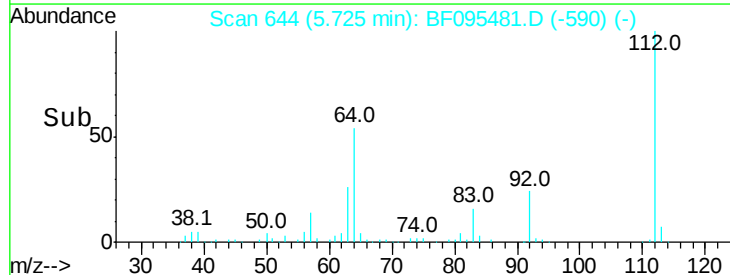
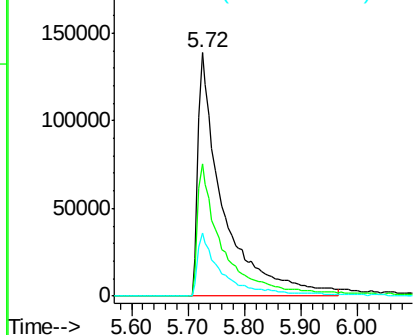
#5

2-Fluorophenol
Concen: 83.85 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095481.D
Acq: 27 May 2017 3:21

Tgt Ion:112 Resp: 429732
Ion Ratio Lower Upper
112 100
64 54.2 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: 82.94 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF095481.D

Acq: 27 May 2017 3:21

Instrument :

BNA_F

ClientSampleId :

PB99316BL

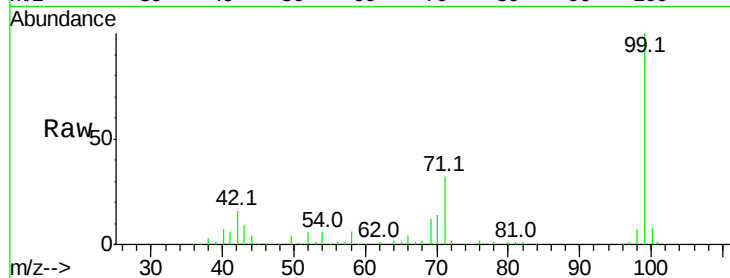
Tot Ion: 99 Resp: 510012

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 32.1 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

7.30

150000

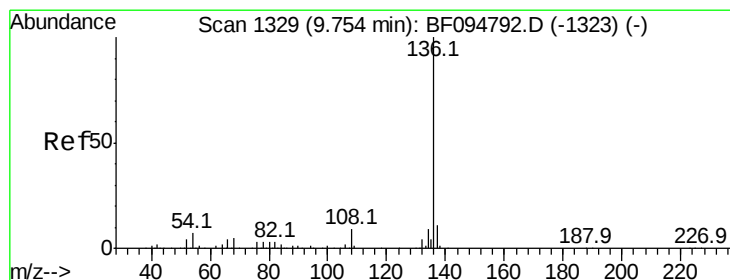
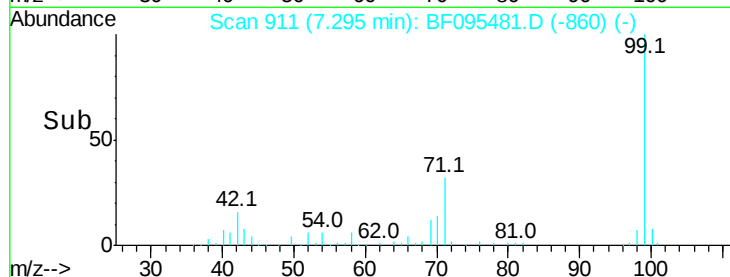
100000

50000

0

7.20 7.40 7.60

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF095481.D

Acq: 27 May 2017 3:21

Tgt Ion: 136 Resp: 321211

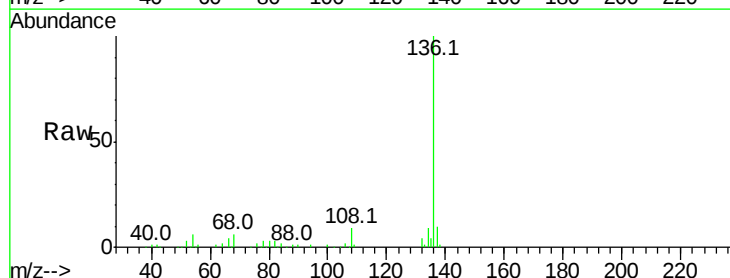
Ion Ratio Lower Upper

136 100

137 10.1 8.5 12.7

54 6.2 4.9 7.3

68 5.7 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

9.77

150000

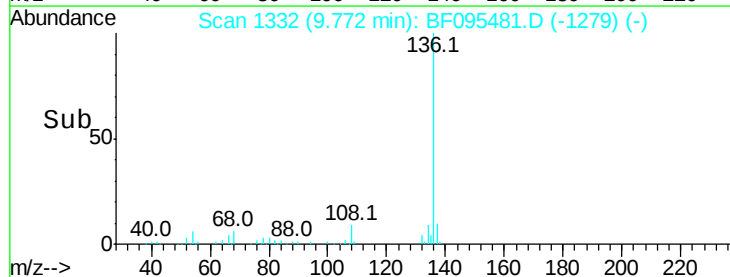
100000

50000

0

9.80 10.00

Time-->

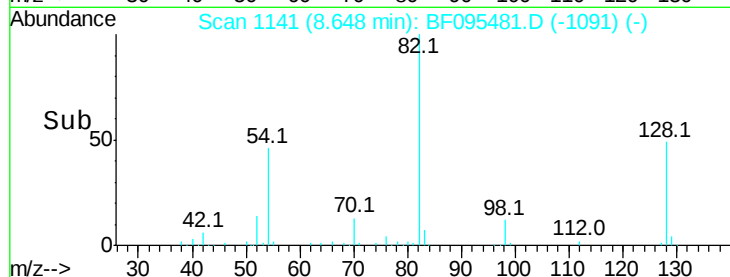
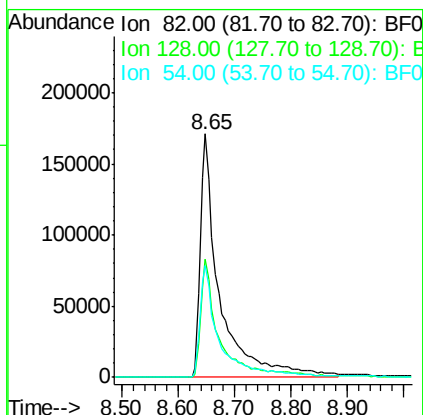
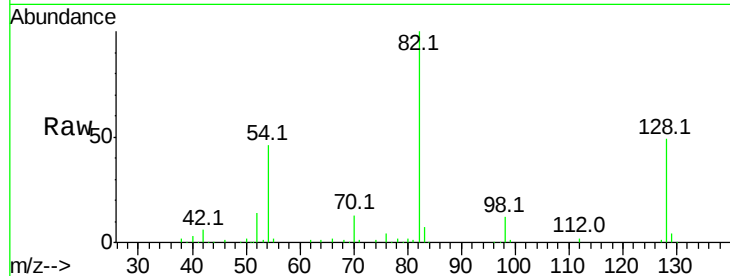




#23
Nitrobenzene-d5
Concen: 80.39 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095481.D
Acq: 27 May 2017 3:21

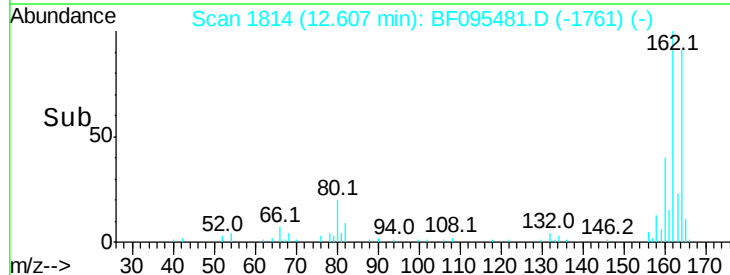
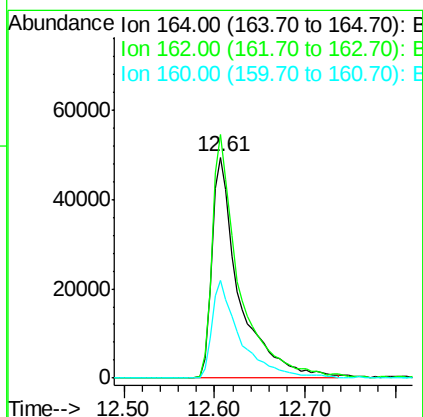
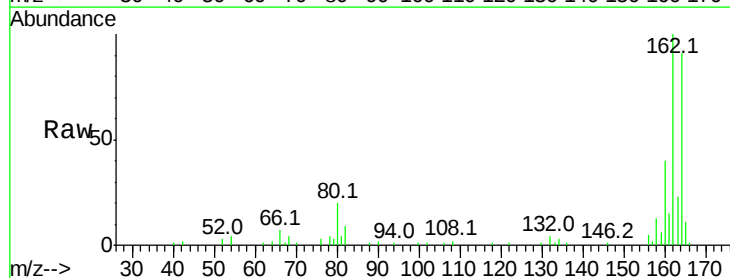
Instrument :
BNA_F
ClientSampleId :
PB99316BL

Tot Ion: 82 Resp: 409518
Ion Ratio Lower Upper
82 100
128 48.6 34.0 51.0
54 46.1 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: BF095481.D
Acq: 27 May 2017 3:21

Tgt Ion:164 Resp: 103829
Ion Ratio Lower Upper
164 100
162 110.3 82.6 123.8
160 44.4 36.2 54.2

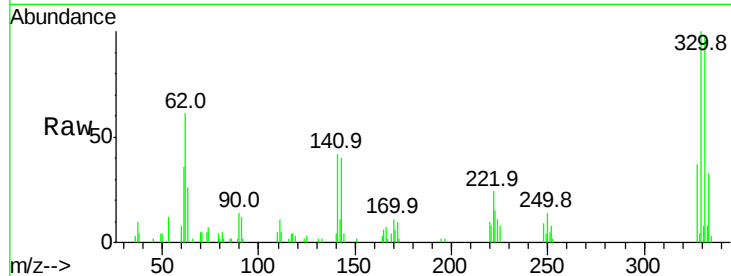




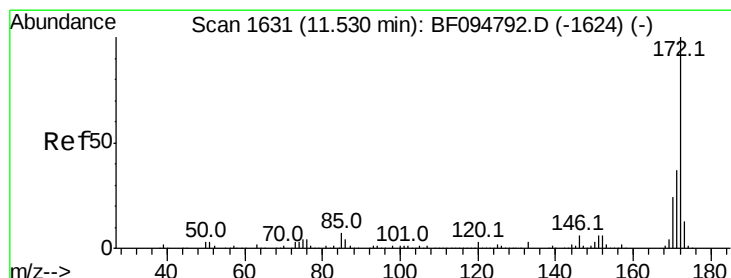
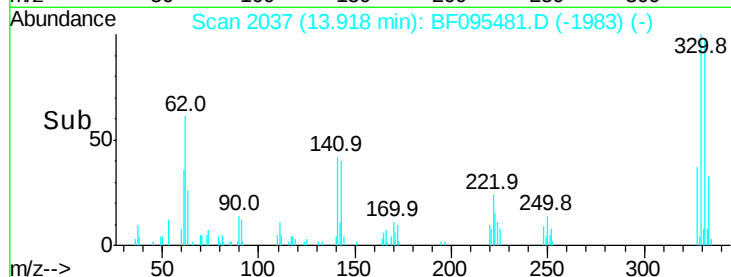
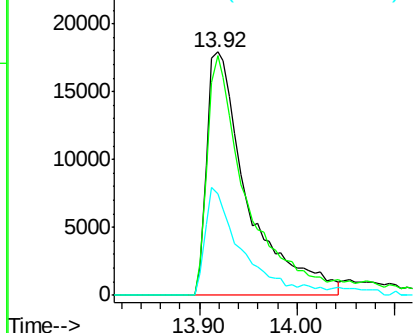
#41
 2,4,6-Tribromophenol
 Concen: 61.83 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF095481.D
 Acq: 27 May 2017 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BL

Tot Ion:330 Resp: 52574
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.6 115.0
 141 39.5 31.4 47.2

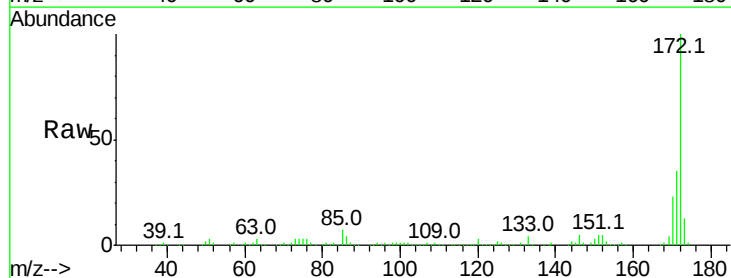


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

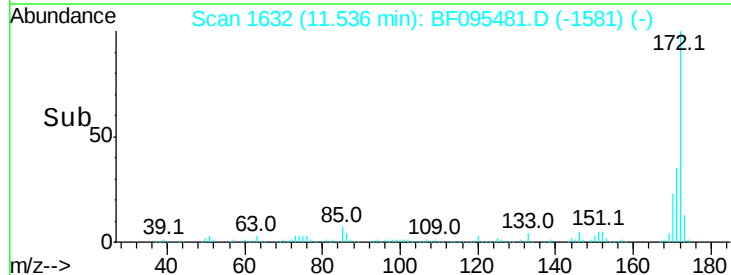
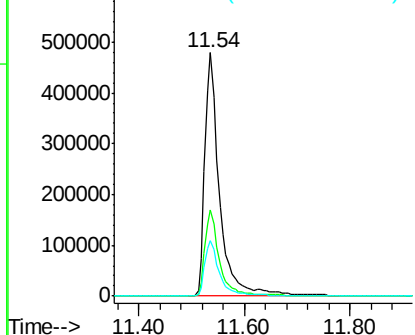


#44
 2-Fluorobiphenyl
 Concen: 129.09 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095481.D
 Acq: 27 May 2017 3:21

Tgt Ion:172 Resp: 931226
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 22.7 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

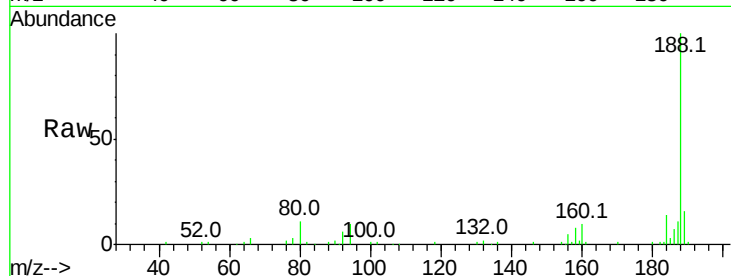




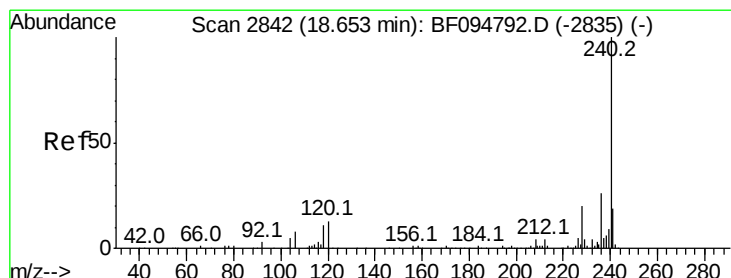
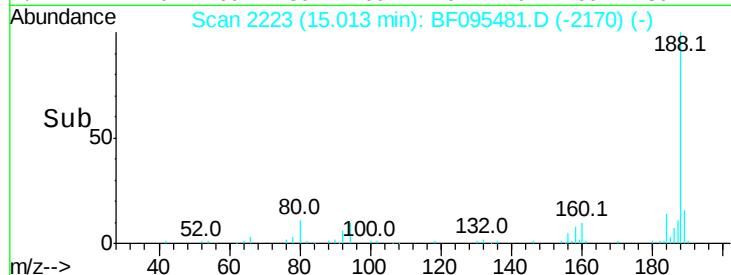
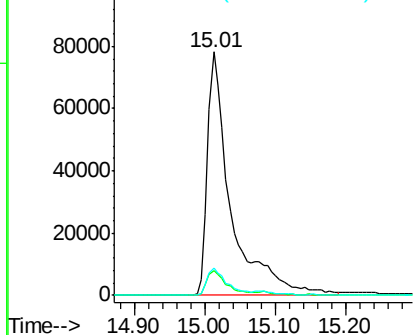
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF095481.D
Acq: 27 May 2017 3:21

Instrument :
BNA_F
ClientSampleId :
PB99316BL

Tot Ion:188 Resp: 181921
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.3 10.2 15.2

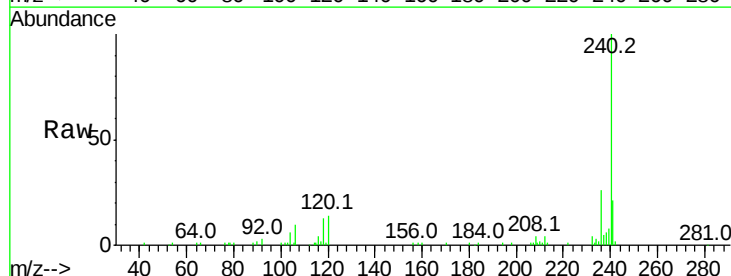


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

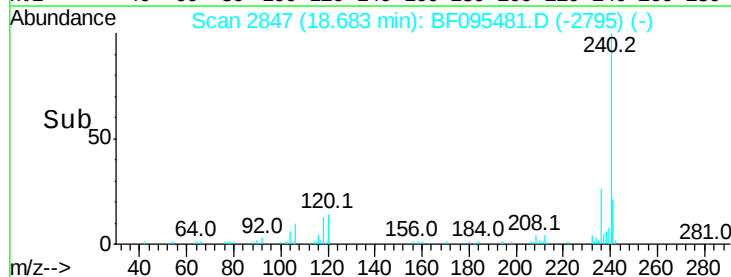
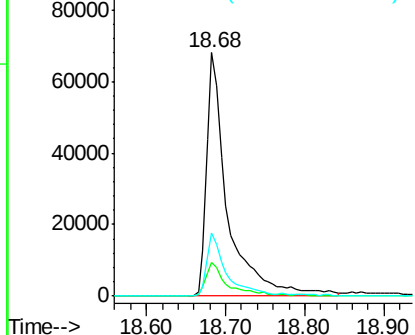


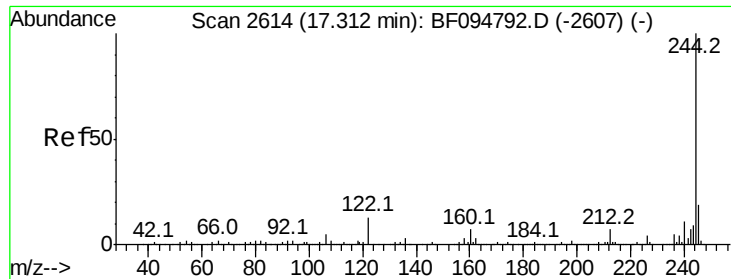
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BF095481.D
Acq: 27 May 2017 3:21

Tgt Ion:240 Resp: 126459
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 25.9 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: 99.14 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095481.D

Acq: 27 May 2017 3:21

Instrument :

BNA_F

ClientSampled :

PB99316BL

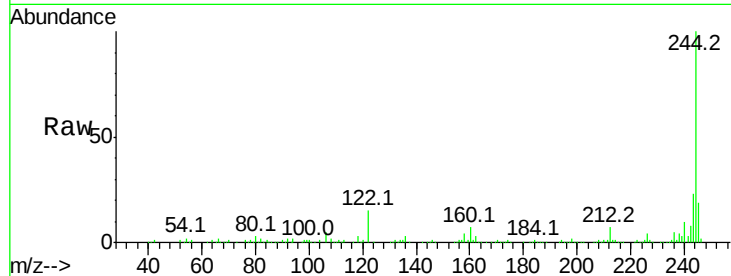
Tot Ion:244 Resp: 569216

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

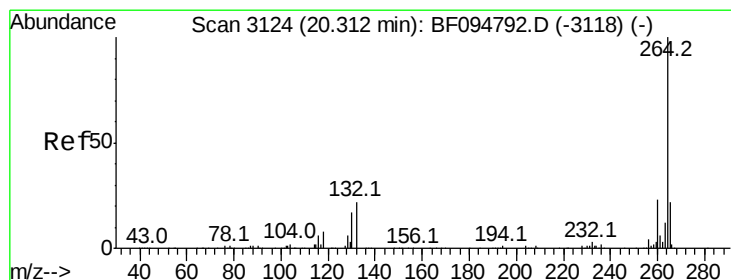
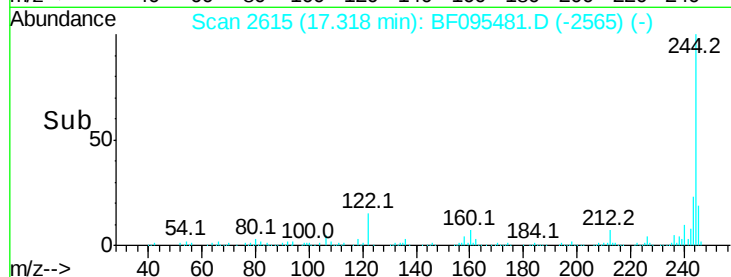
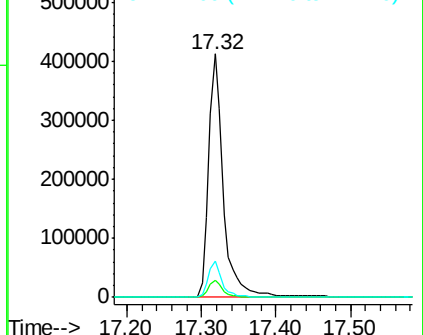
122 15.0 10.3 15.5



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: 20.37 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BF095481.D

Acq: 27 May 2017 3:21

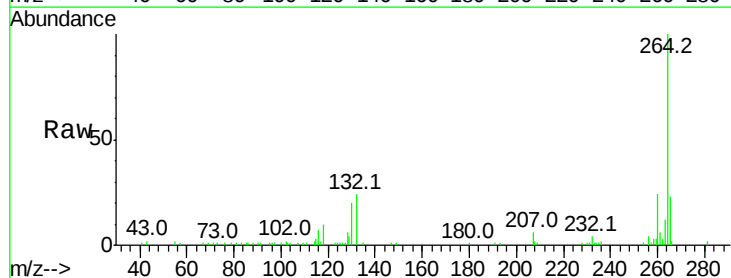
Tgt Ion:264 Resp: 108699

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 23.2 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

