

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095483.D
 Acq On : 27 May 2017 4:26
 Operator : SJ/MA
 Sample : I3340-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: May 27 06:58:49 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	90033	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	352753	20.00	ng	0.01
38) Acenaphthene-d10	12.61	164	139100	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	196702	20.00	ng	0.01
75) Chrysene-d12	18.68	240	158878	20.00	ng	0.00
86) Perylene-d12	20.37	264	98458	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	662257	122.64	ng	0.02
7) Phenol-d6	7.30	99	716763	110.62	ng	0.00
23) Nitrobenzene-d5	8.65	82	407735	72.89	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	117952	103.54	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	978840	101.29	ng	0.00
78) Terphenyl-d14	17.32	244	555937	77.07	ng	0.00

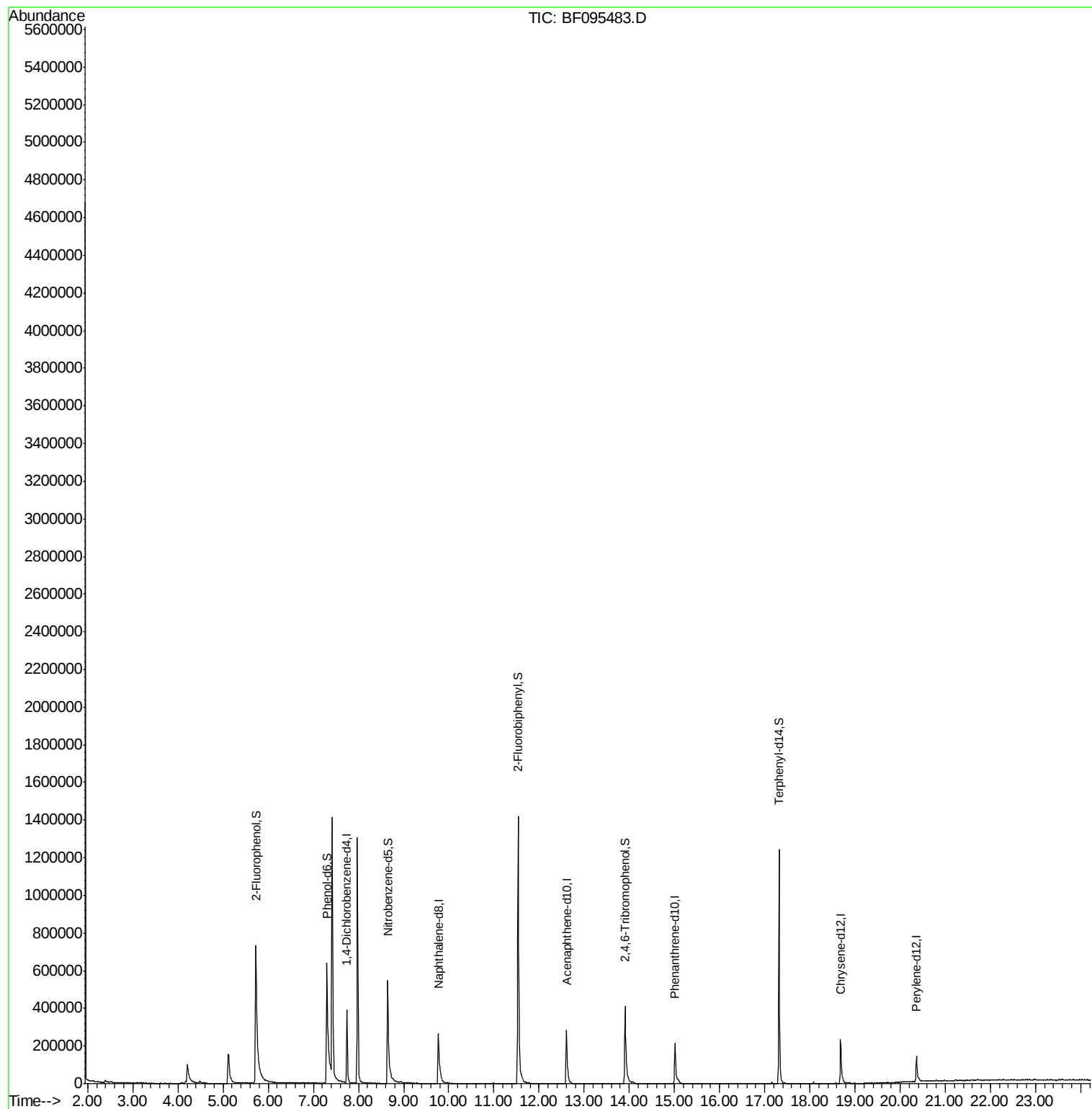
Target Compounds Qvalue

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

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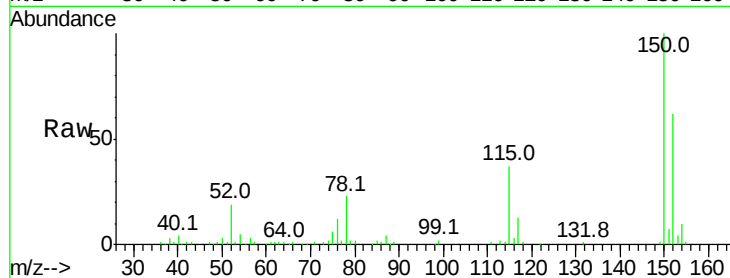


#1

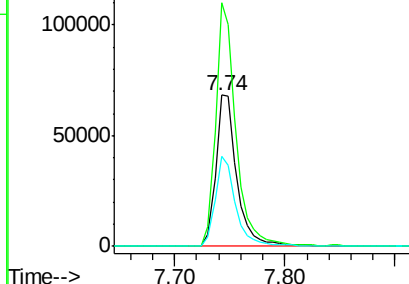
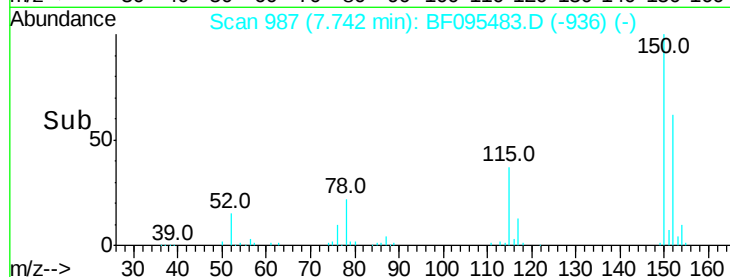
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion:152 Resp: 90033
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.2
115 59.8 52.2 78.2



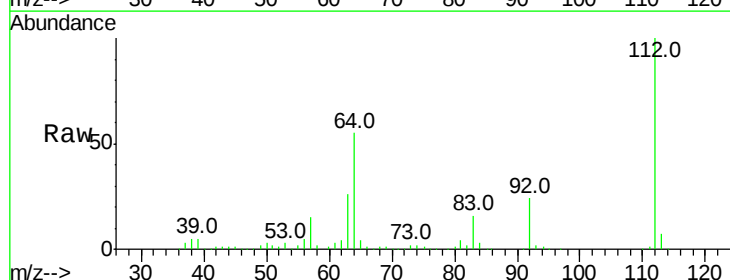
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



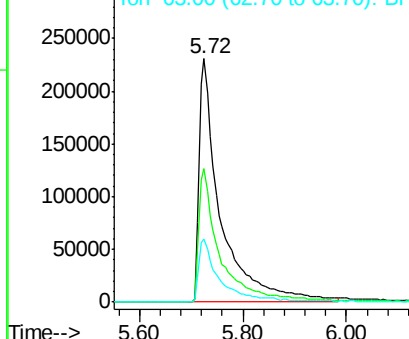
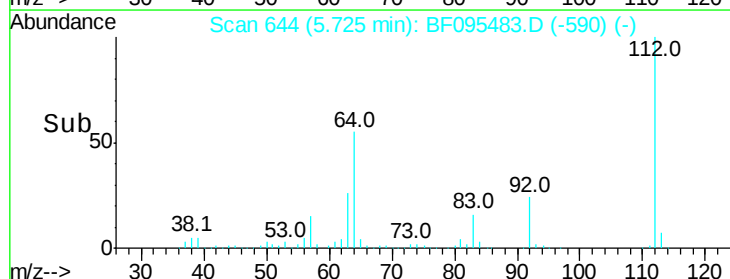
#5

2-Fluorophenol
Concen: 122.64 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

Tgt Ion:112 Resp: 662257
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 26.1 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: 110.62 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF095483.D

Acq: 27 May 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SP-1

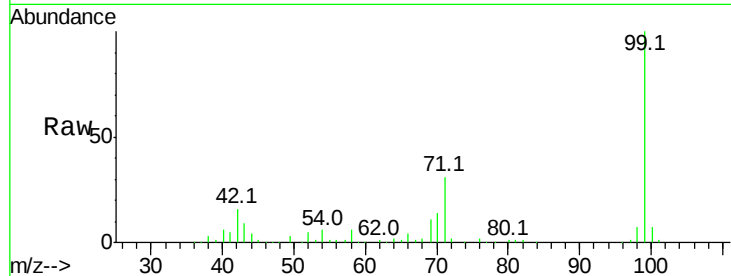
Tot Ion: 99 Resp: 716763

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

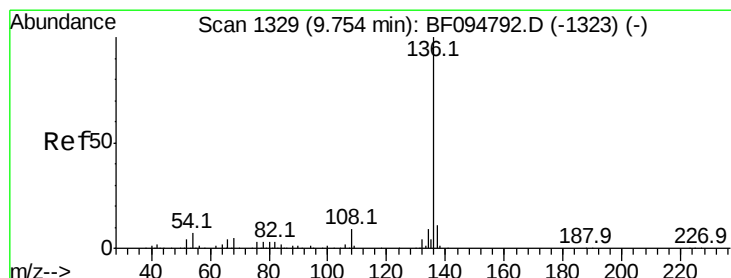
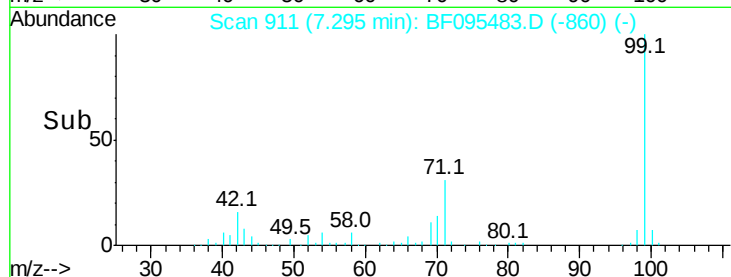
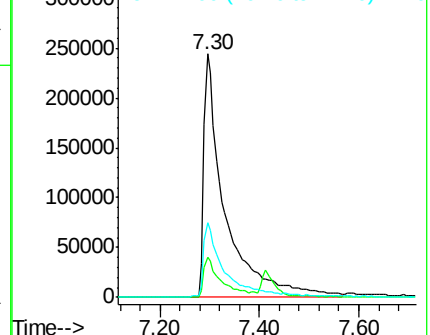
71 30.6 24.5 36.7



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: BF095483.D

Acq: 27 May 2017 4:26

Tgt Ion: 136 Resp: 352753

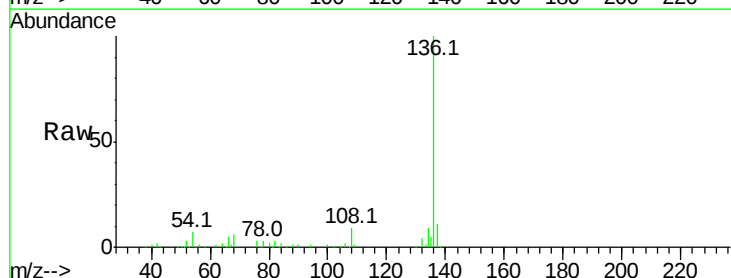
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 5.9 4.1 6.1

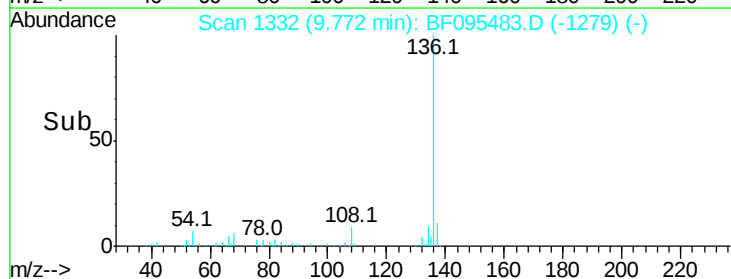
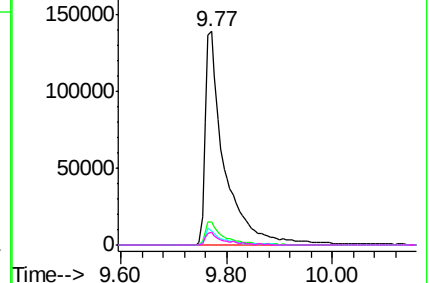


Abundance Ion 136.00 (135.70 to 136.70): E

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

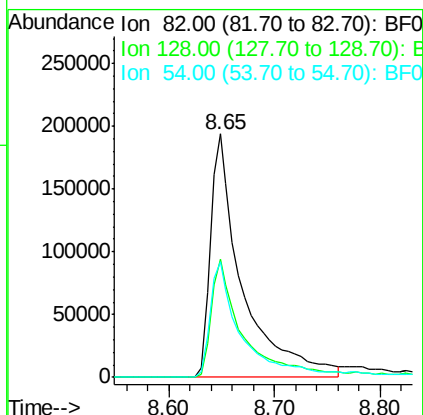
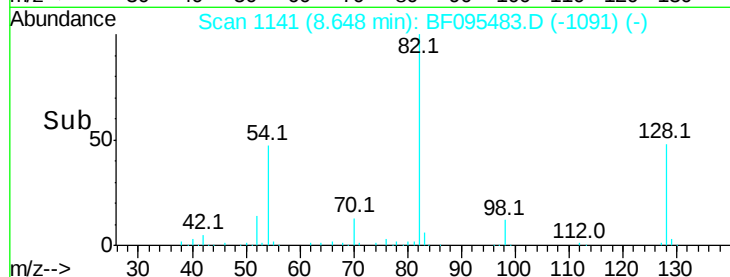
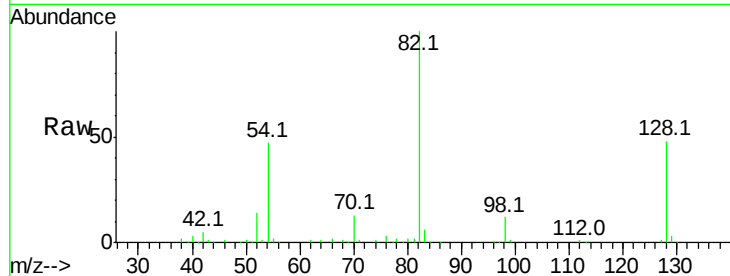




#23
Nitrobenzene-d5
Concen: 72.89 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

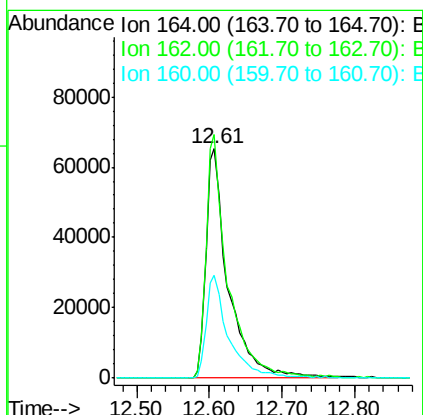
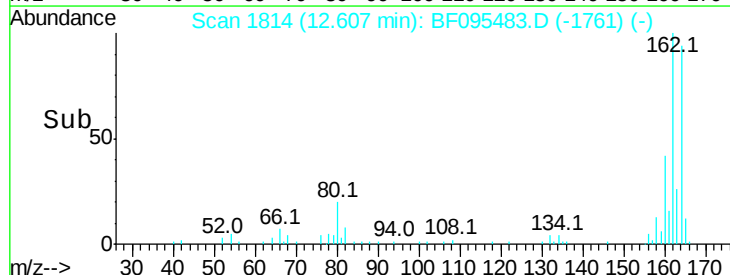
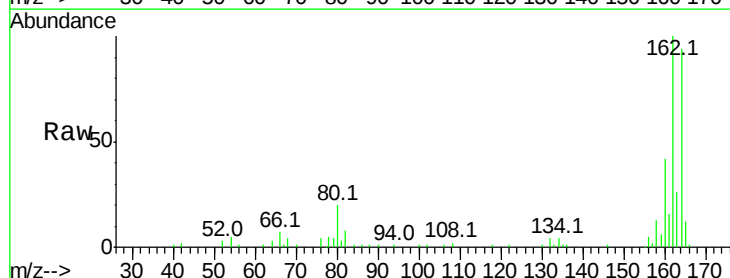
Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion: 82 Resp: 407735
Ion Ratio Lower Upper
82 100
128 48.4 34.0 51.0
54 47.4 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: BF095483.D
Acq: 27 May 2017 4:26

Tgt Ion:164 Resp: 139100
Ion Ratio Lower Upper
164 100
162 106.3 82.6 123.8
160 45.1 36.2 54.2

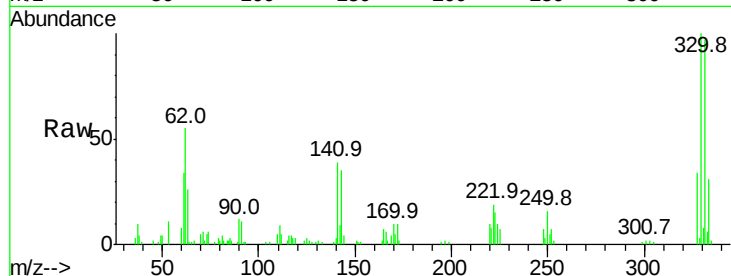




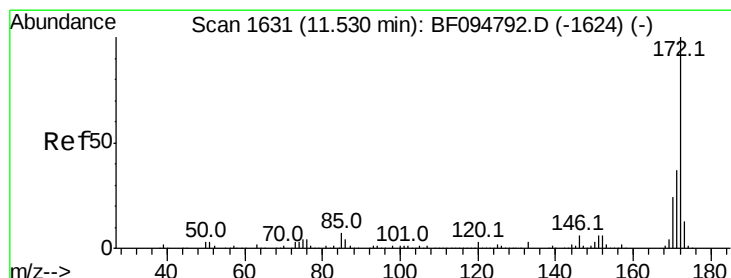
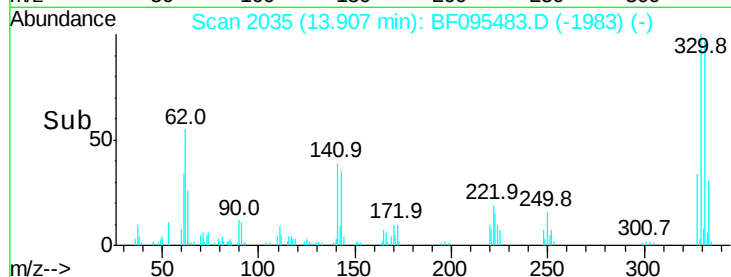
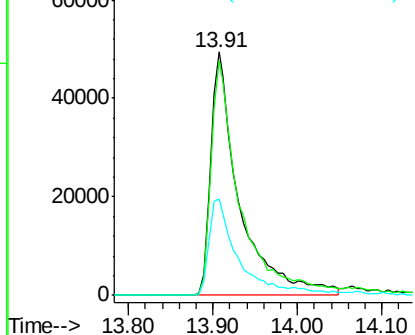
#41
 2,4,6-Tribromophenol
 Concen: 103.54 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF095483.D
 Acq: 27 May 2017 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	41.3	31.4	47.2

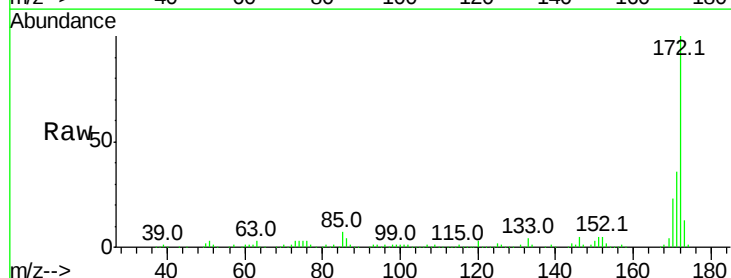


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

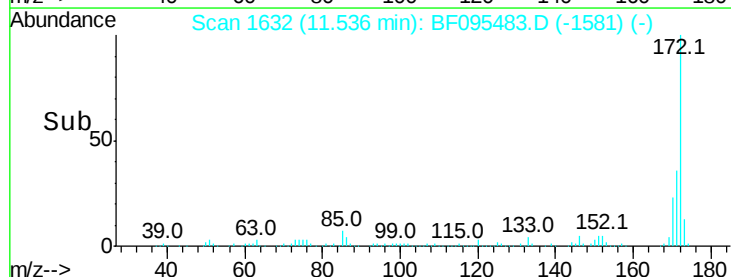
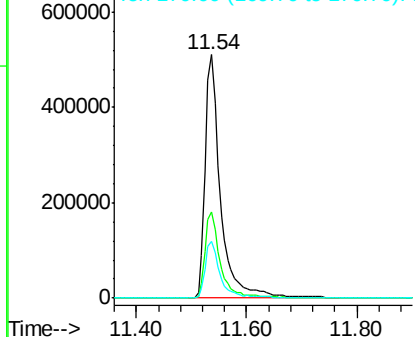


#44
 2-Fluorobiphenyl
 Concen: 101.29 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095483.D
 Acq: 27 May 2017 4:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.2	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: BF095483.D

Acq: 27 May 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SP-1

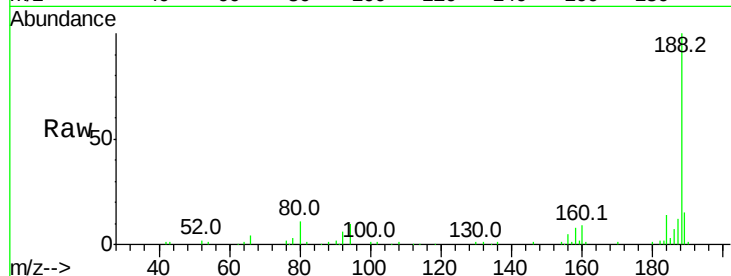
Tot Ion:188 Resp: 196702

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

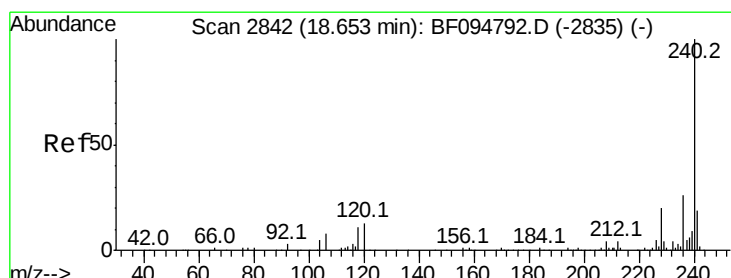
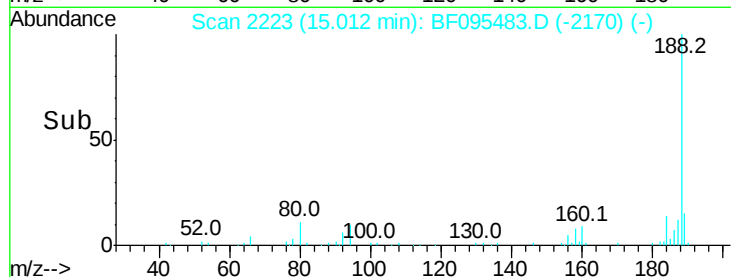
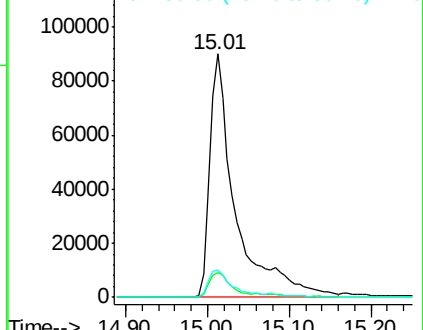
80 11.3 10.2 15.2



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: BF095483.D

Acq: 27 May 2017 4:26

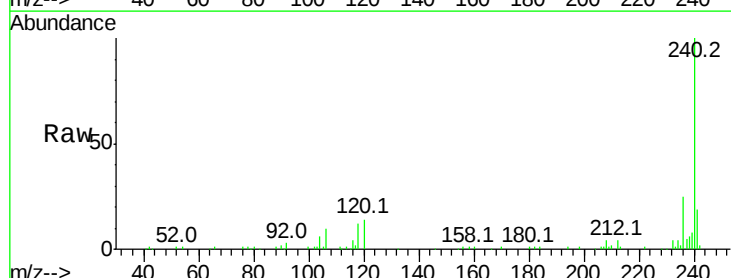
Tgt Ion:240 Resp: 158878

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

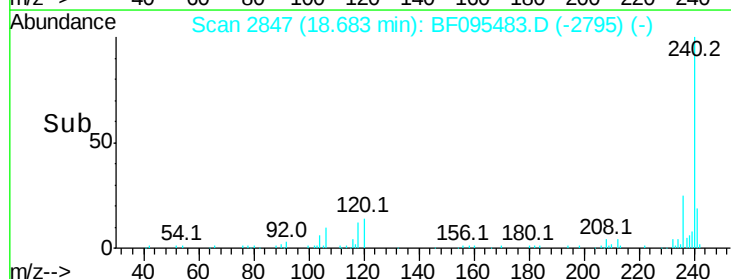
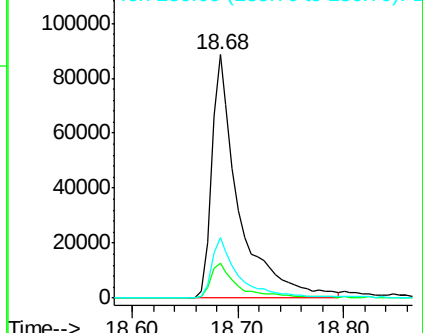
236 24.8 20.5 30.7

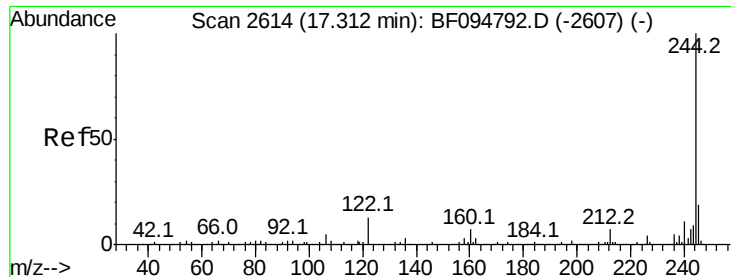


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.07 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095483.D

Acq: 27 May 2017 4:26

Instrument :

BNA_F

ClientSampled :

SP-1

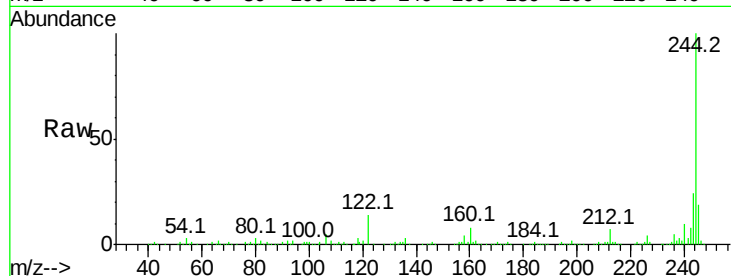
Tot Ion:244 Resp: 555937

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

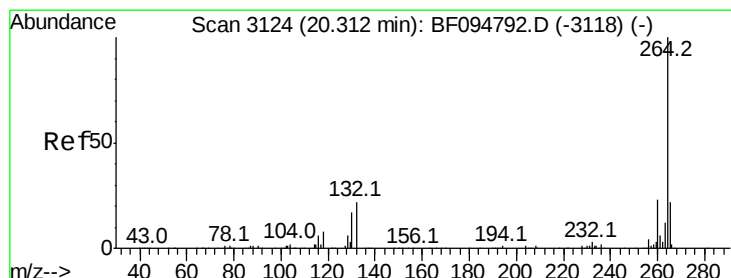
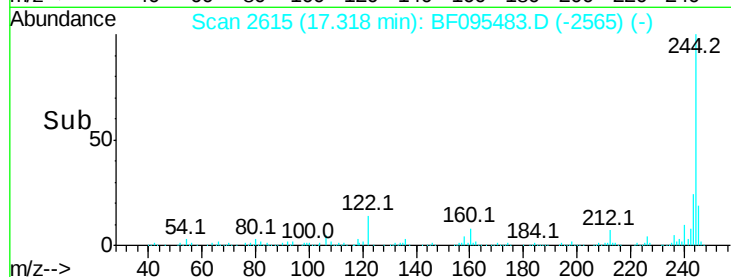
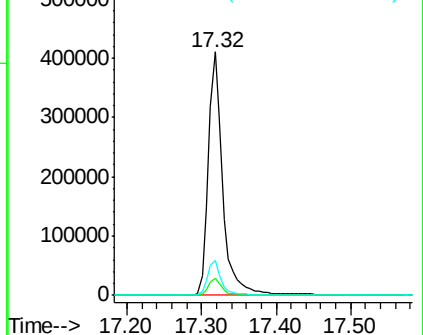
122 14.2 10.3 15.5



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: 20.37 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BF095483.D

Acq: 27 May 2017 4:26

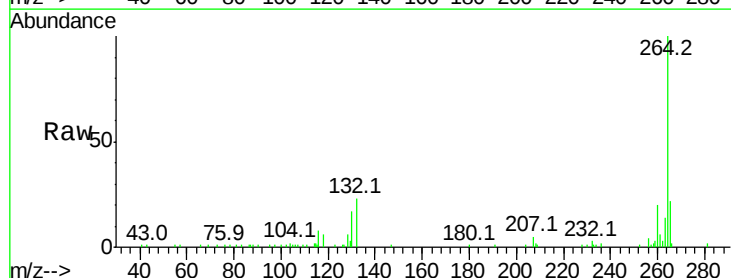
Tgt Ion:264 Resp: 98458

Ion Ratio Lower Upper

264 100

260 20.2 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

