

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095496.D
 Acq On : 27 May 2017 11:24
 Operator : SJ/MA
 Sample : I3348-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225/289/330/139/15532/VNJ-23

Quant Time: May 29 00:21:56 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	7.75	152	81521	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	338319	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	96014	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	188224	20.00	ng	0.01
75) Chrysene-d12	18.68	240	157928	20.00	ng	0.00
86) Perylene-d12	20.36	264	50868	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	747401	152.85	ng	0.02
7) Phenol-d6	7.30	99	519194	88.50	ng	0.00
23) Nitrobenzene-d5	8.65	82	505334	94.19	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	143775	182.84	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1072738	160.81	ng	0.00
78) Terphenyl-d14	17.32	244	656077	91.50	ng	0.00

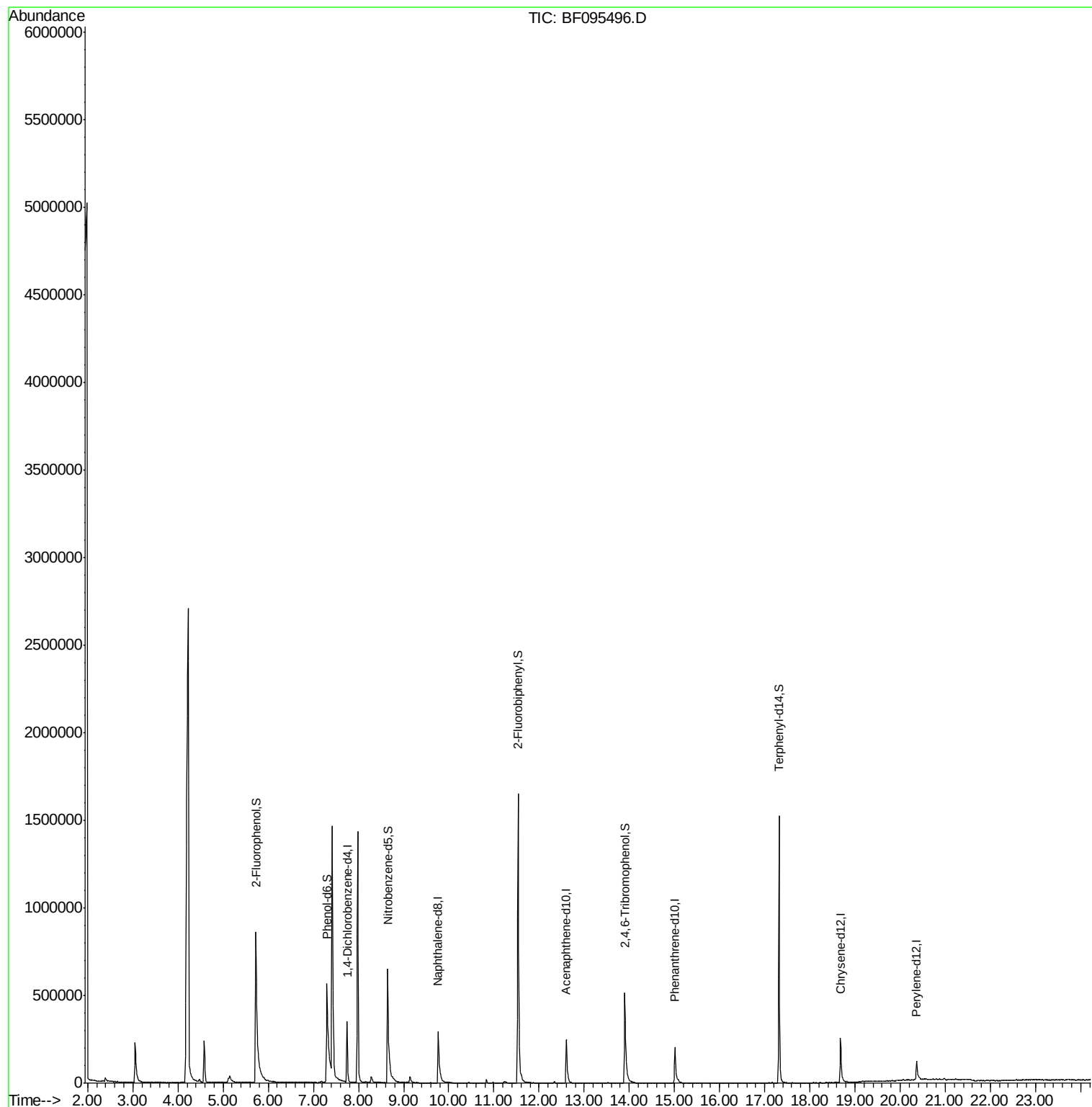
Target Compounds Qvalue

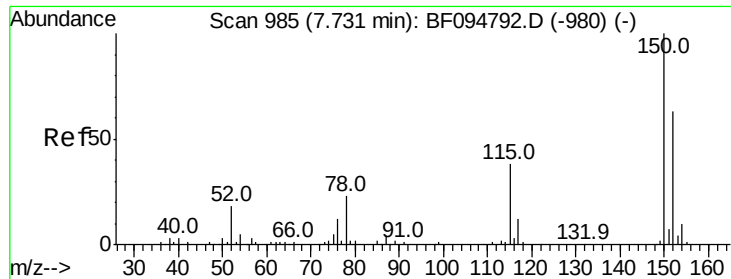
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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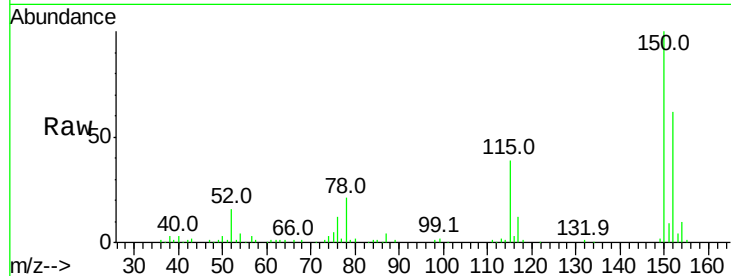


#1

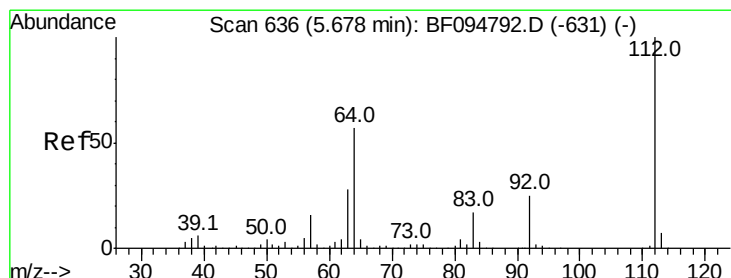
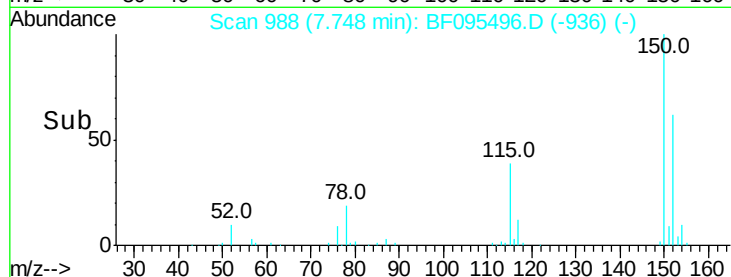
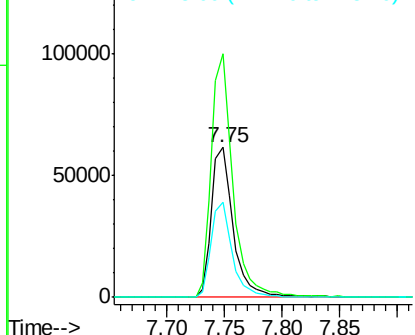
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF095496.D
Acq: 27 May 2017 11:24

Instrument :
BNA_F
ClientSampleId :
VNJ-225/289/330/139/15532/VNJ-23

Tot Ion:152 Resp: 81521
Ion Ratio Lower Upper
152 100
150 162.4 126.2 189.2
115 63.2 52.2 78.2



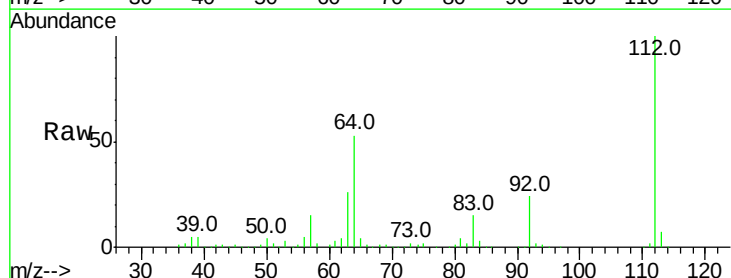
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



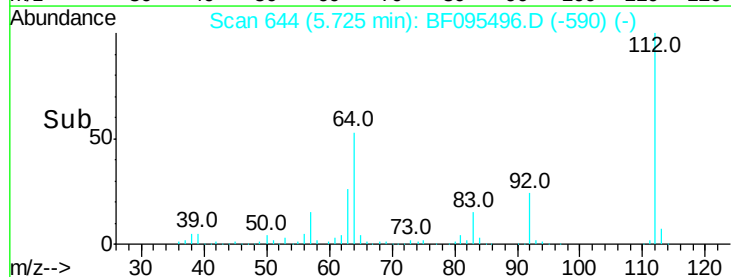
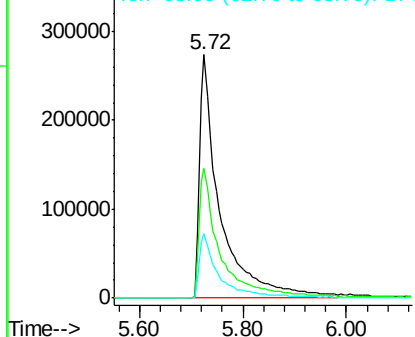
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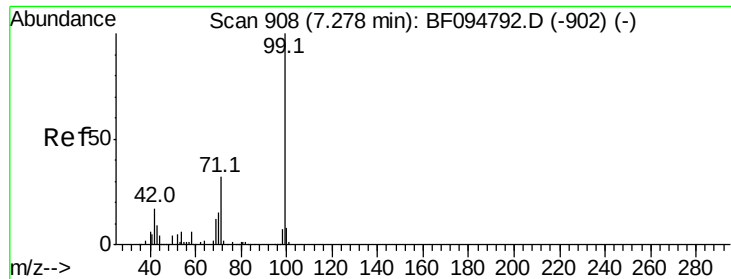
2-Fluorophenol
Concen: 152.85 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095496.D
Acq: 27 May 2017 11:24

Tgt Ion:112 Resp: 747401
Ion Ratio Lower Upper
112 100
64 53.2 46.0 69.0
63 26.3 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: 88.50 ng

RT: 7.30 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF095496.D

Acq: 27 May 2017 11:24

Instrument :

BNA_F

ClientSampleId :

VNJ-225/289/330/139/15532/VNJ-23

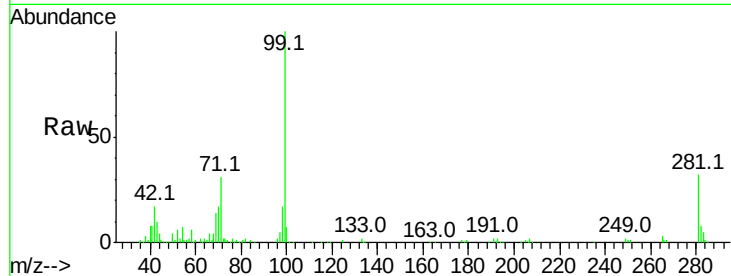
Tot Ion: 99 Resp: 519194

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

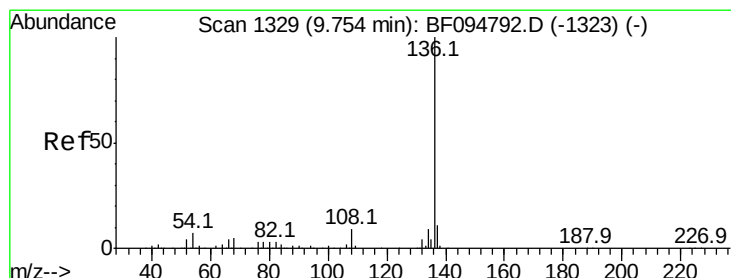
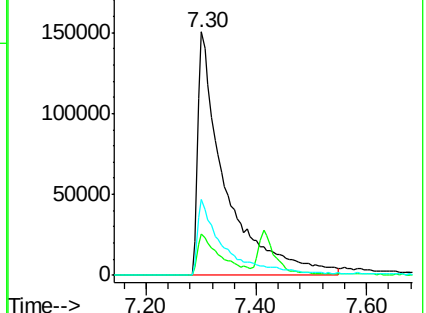
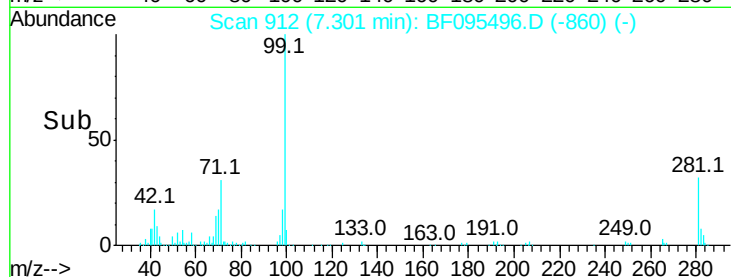
71 31.2 24.5 36.7



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# 1331

Delta R.T. 0.01 min

Lab File: BF095496.D

Acq: 27 May 2017 11:24

Tgt Ion: 136 Resp: 338319

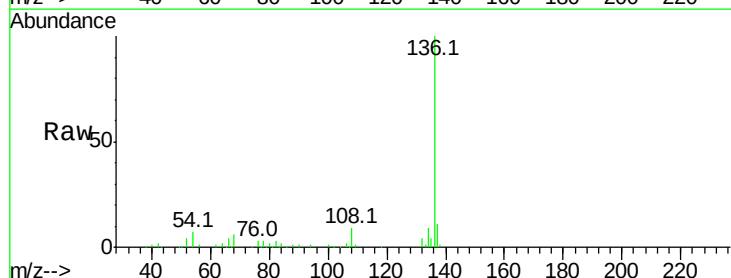
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.4 4.9 7.3#

68 5.7 4.1 6.1

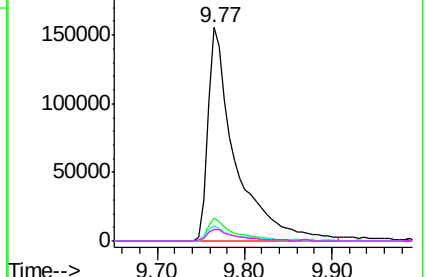
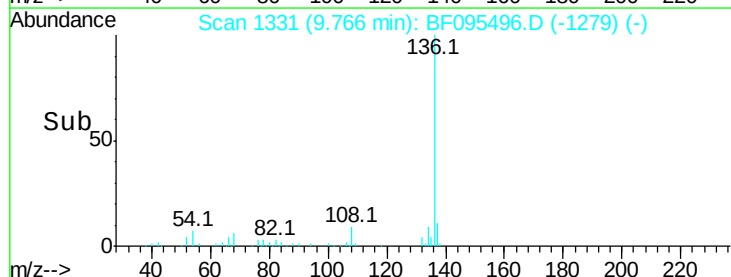


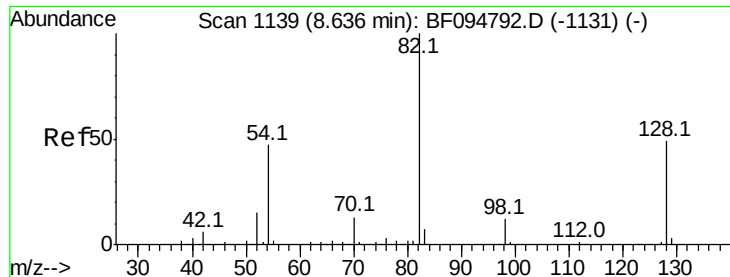
Abundance Ion 136.00 (135.70 to 136.70): E

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

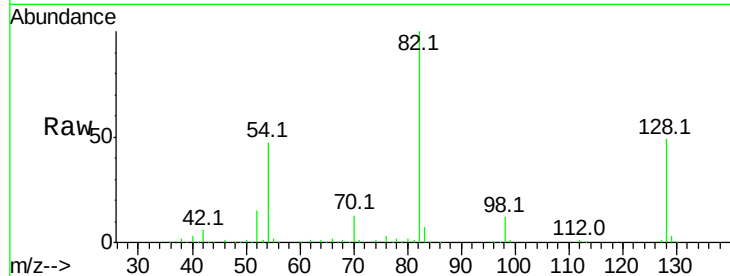




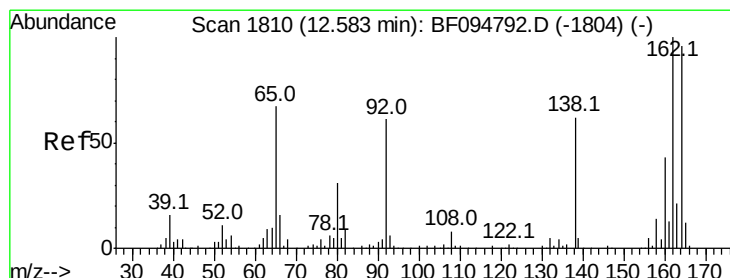
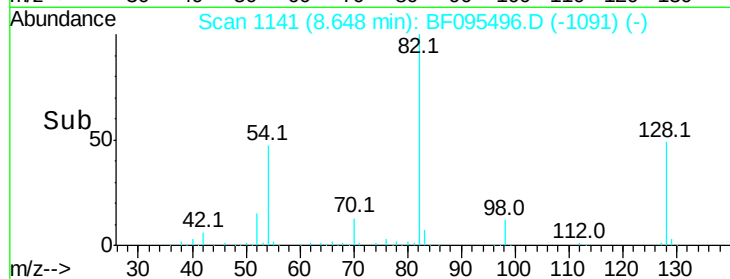
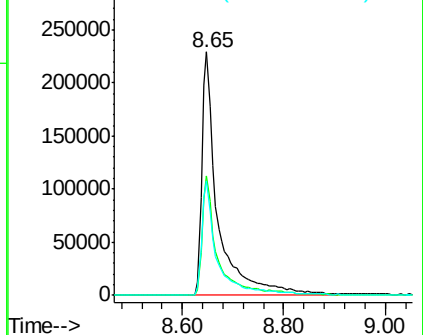
#23
 Nitrobenzene-d5
 Concen: 94.19 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225/289/330/139/15532/VNJ-23

Tot Ion: 82 Resp: 505334
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.0 51.0
 54 46.8 42.2 63.2

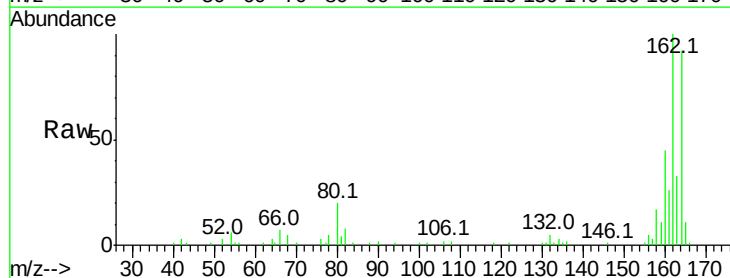


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

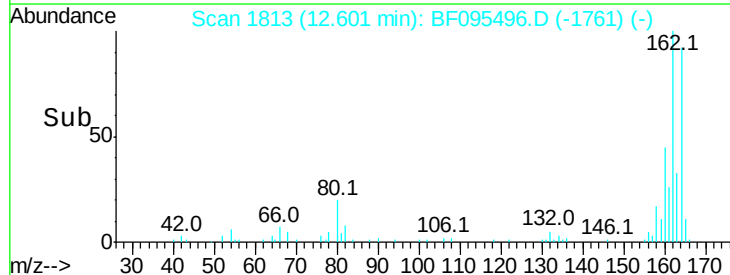
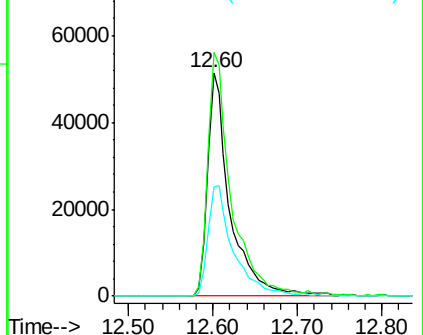


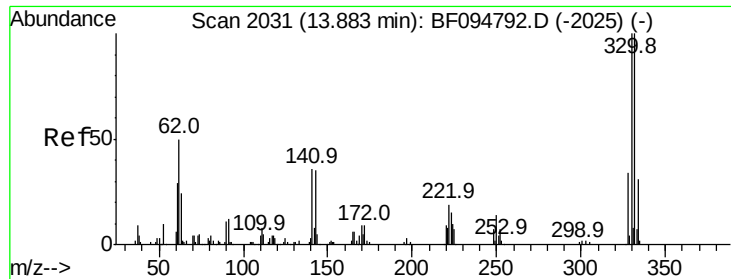
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Tgt Ion:164 Resp: 96014
 Ion Ratio Lower Upper
 164 100
 162 109.0 82.6 123.8
 160 49.2 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

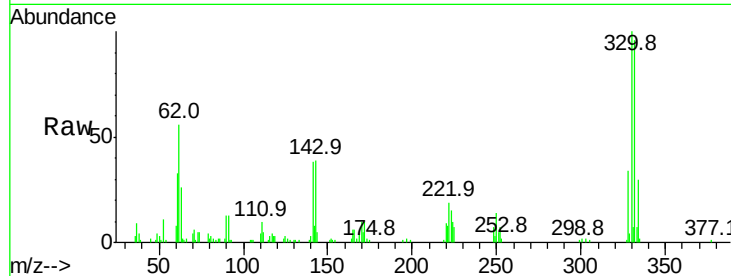




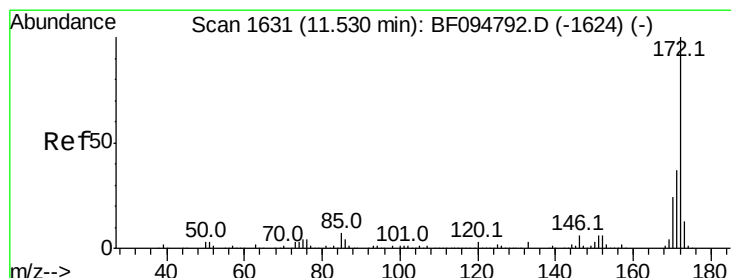
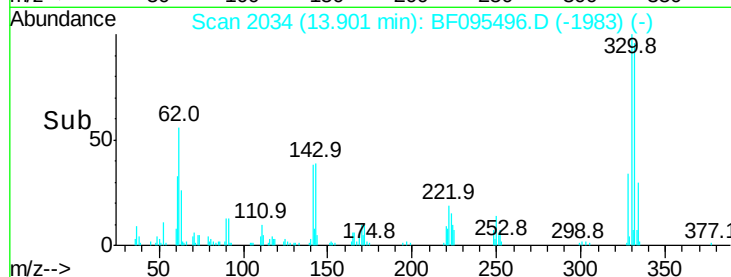
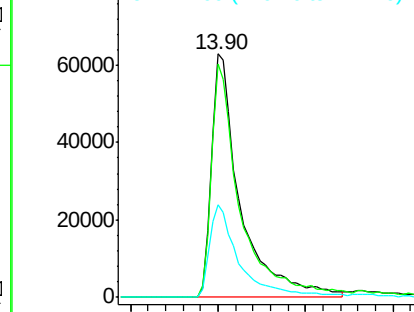
#41
 2,4,6-Tribromophenol
 Concen: 182.84 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225/289/330/139/15532/VNJ-23

Tot Ion:330 Resp: 143775
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 39.0 31.4 47.2

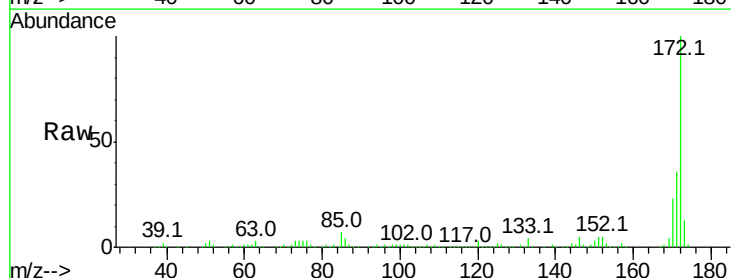


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

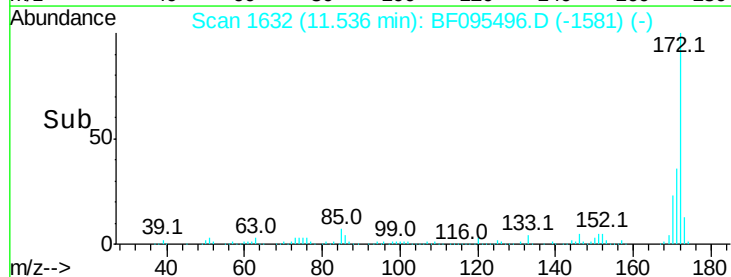
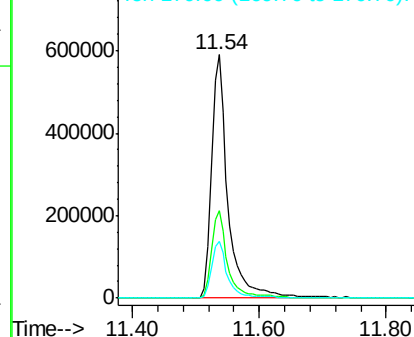


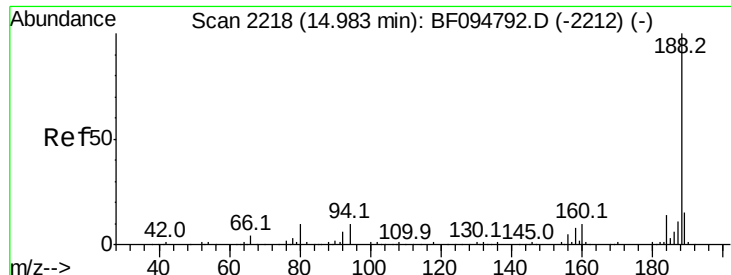
#44
 2-Fluorobiphenyl
 Concen: 160.81 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Tgt Ion:172 Resp: 1072738
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

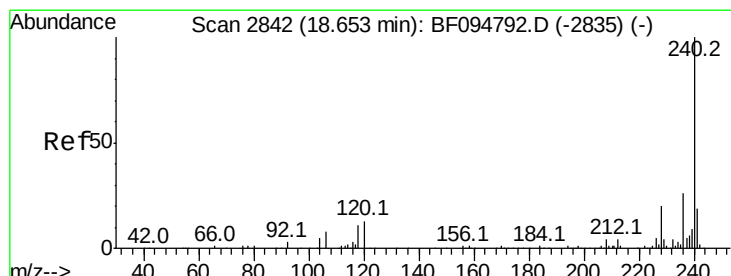
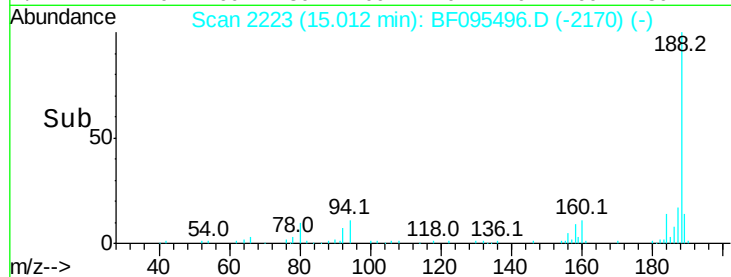
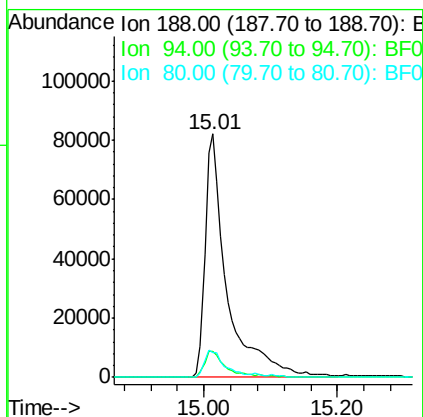
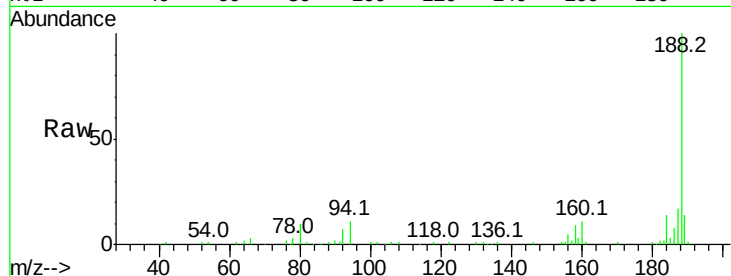




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

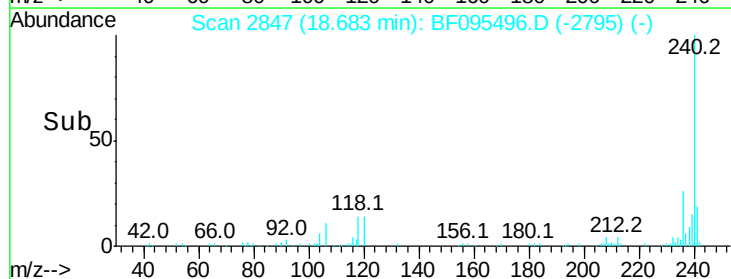
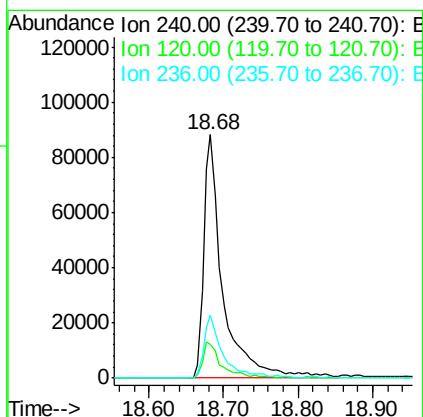
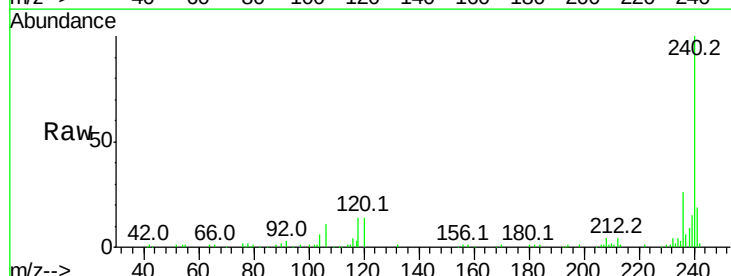
Instrument :
 BNA_F
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 VNJ-225/289/330/139/15532/VNJ-23

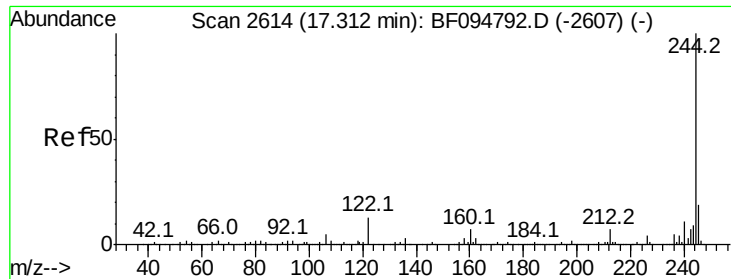
Tot Ion:188 Resp: 188224
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 10.4 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BF095496.D
 Acq: 27 May 2017 11:24

Tgt Ion:240 Resp: 157928
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 26.2 20.5 30.7





#78

Terphenyl-d14

Concen: 91.50 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095496.D

Acq: 27 May 2017 11:24

Instrument :

BNA_F

ClientSampleId :

VNJ-225/289/330/139/15532/VNJ-23

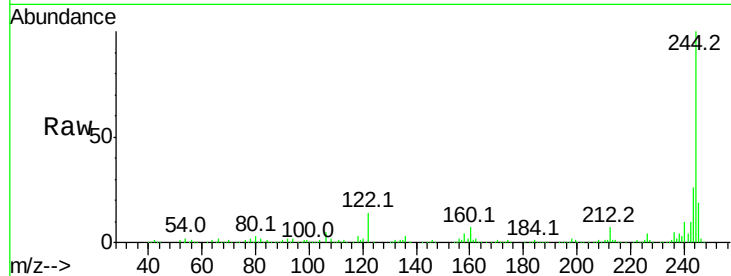
Tot Ion:244 Resp: 656077

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

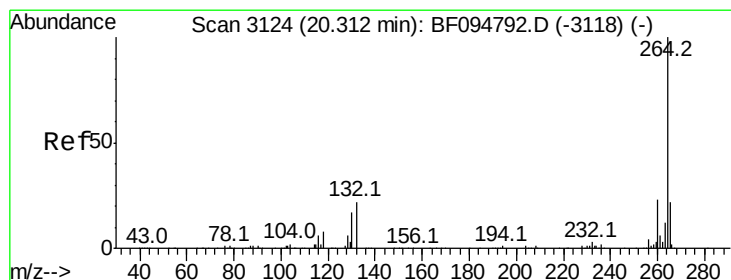
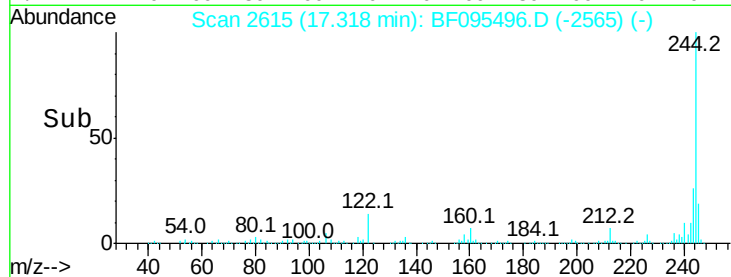
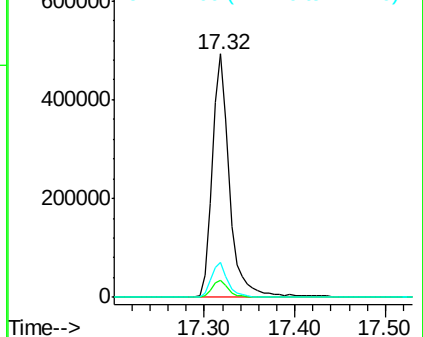
122 14.4 10.3 15.5



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: 20.36 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BF095496.D

Acq: 27 May 2017 11:24

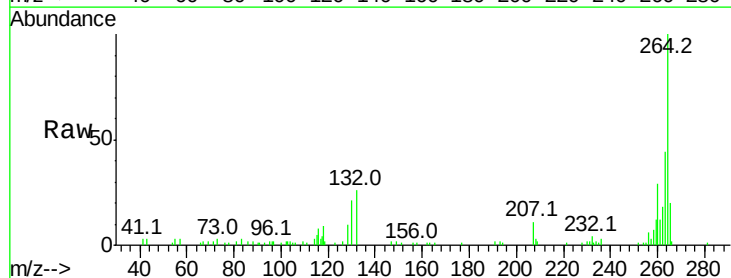
Tgt Ion:264 Resp: 50868

Ion Ratio Lower Upper

264 100

260 28.9 19.5 29.3

265 20.2 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

