

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095619.D
 Acq On : 2 Jun 2017 5:29
 Operator : SJ/MA
 Sample : I3420-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

Quant Time: Jun 02 08:17:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

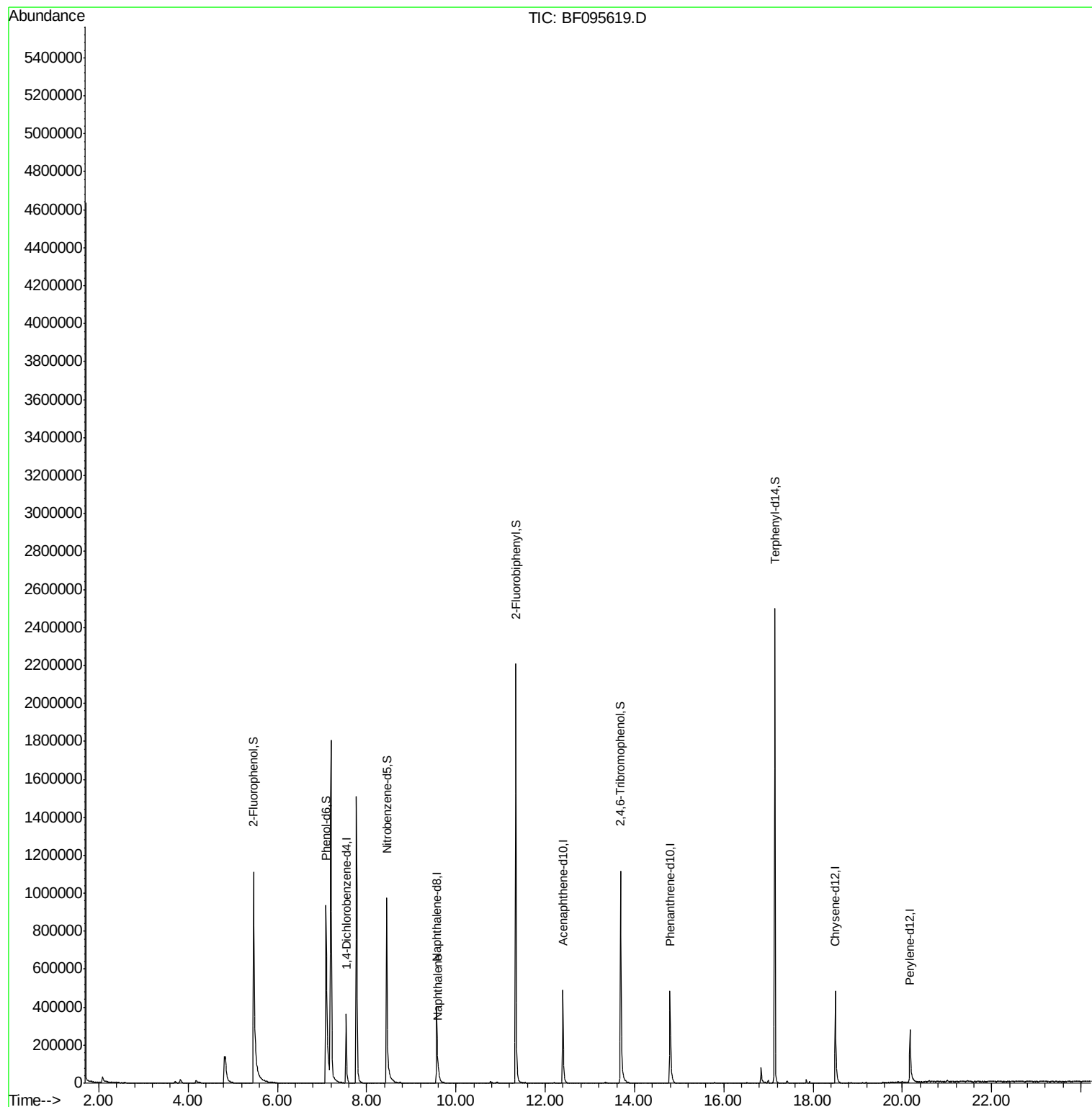
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	86673	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	363821	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	165384	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	336323	20.00	ng	0.00
75) Chrysene-d12	18.50	240	297339	20.00	ng	0.00
86) Perylene-d12	20.17	264	187647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	773375	148.76	ng	0.02
7) Phenol-d6	7.09	99	854373	136.97	ng	0.00
23) Nitrobenzene-d5	8.45	82	578666	100.30	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	226277	167.06	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1147424	99.86	ng	0.00
78) Terphenyl-d14	17.15	244	1049638	77.75	ng	0.00
Target Compounds						
31) Naphthalene	9.60	128	55061	3.011	ng	Qvalue 97

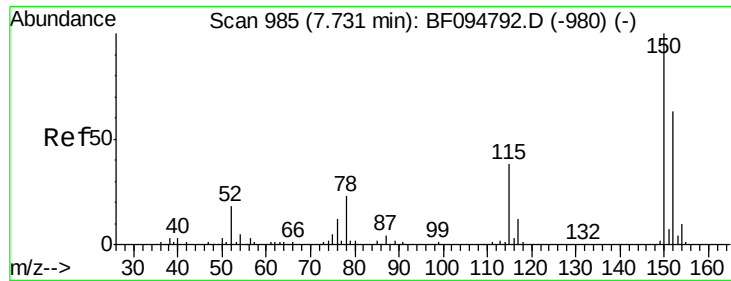
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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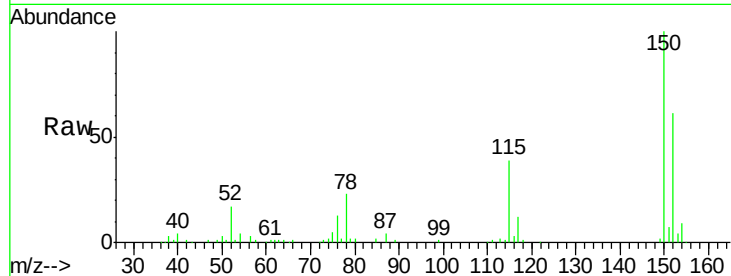


#1

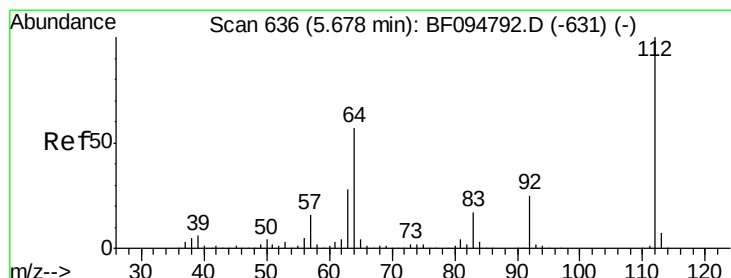
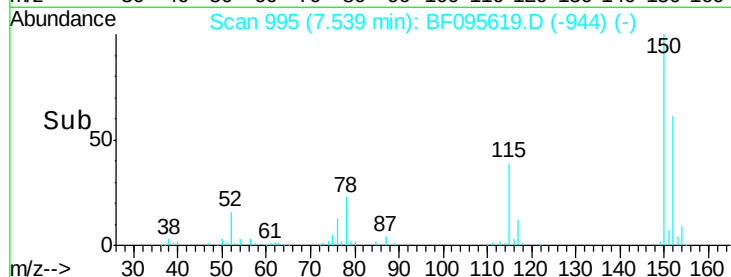
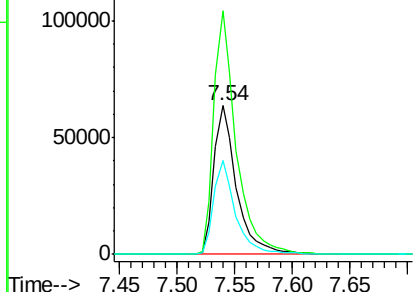
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4

Tgt Ion:152 Resp: 86673
Ion Ratio Lower Upper
152 100
150 163.8 126.2 189.2
115 63.5 52.2 78.2



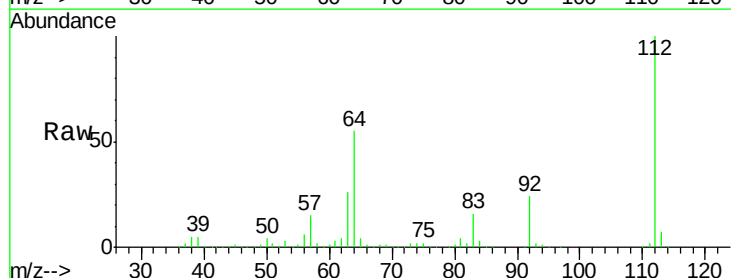
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



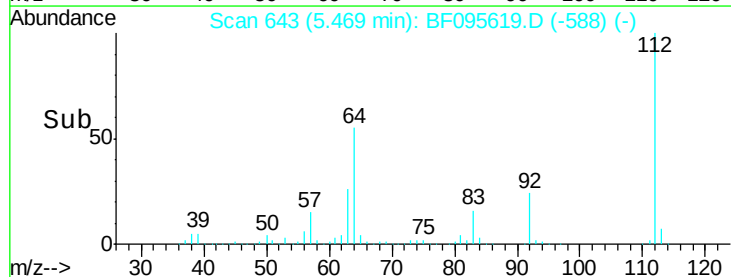
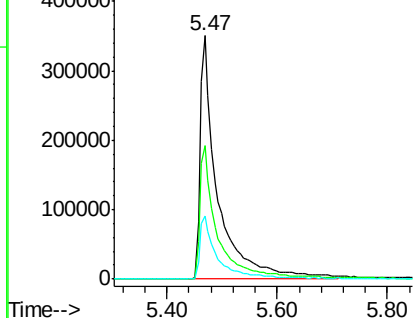
#5

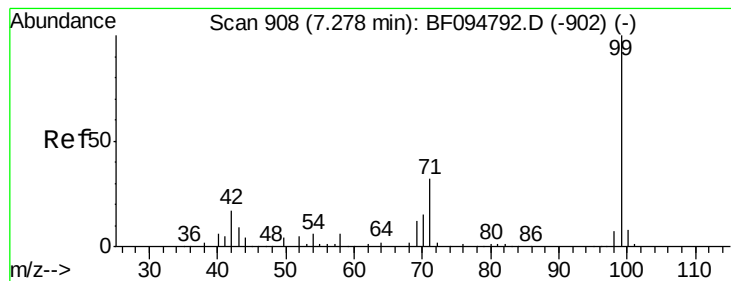
2-Fluorophenol
Concen: 148.764 ng
RT: 5.47 min Scan# 643
Delta R.T. 0.02 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion:112 Resp: 773375
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 26.0 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: 136.971 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

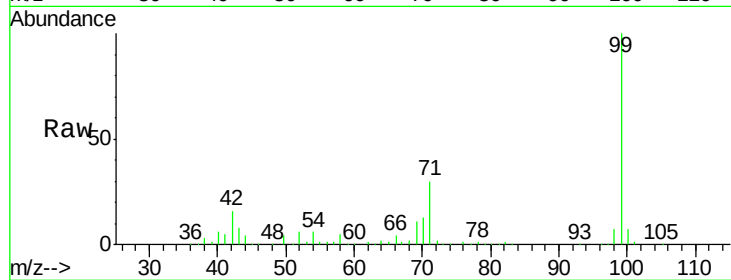
Tgt Ion: 99 Resp: 854373

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

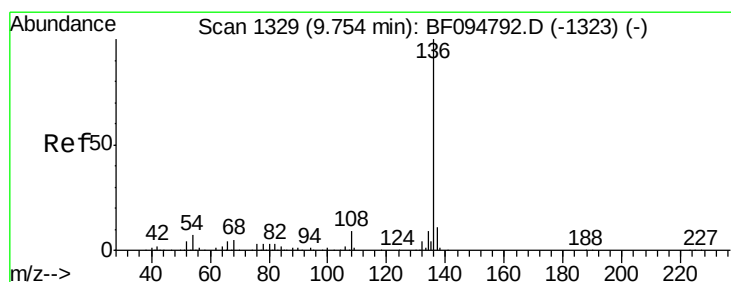
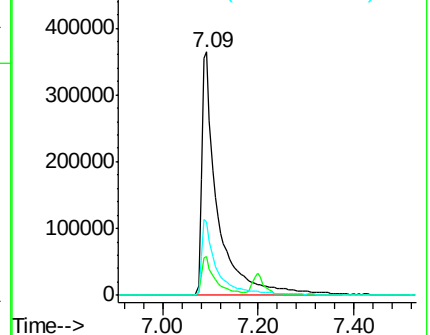
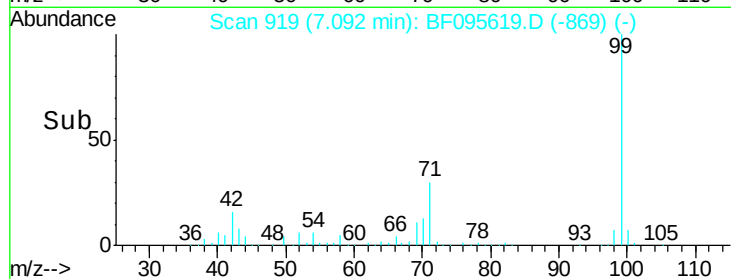
71 30.4 24.5 36.7



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: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Tgt Ion: 136 Resp: 363821

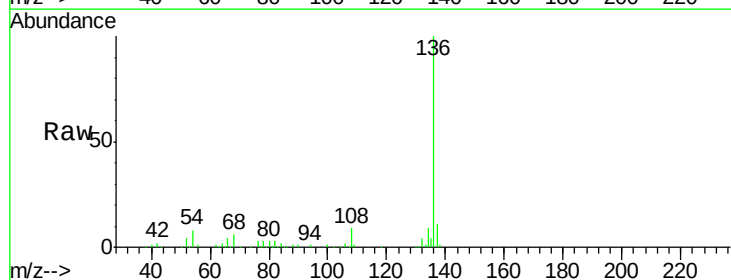
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 5.6 4.1 6.1

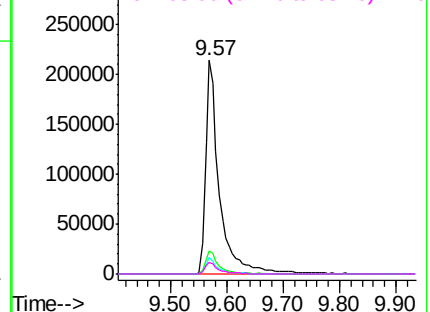
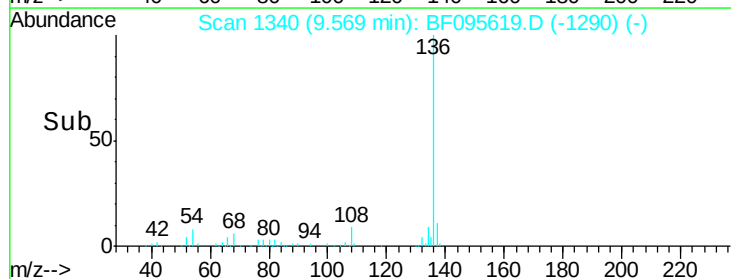


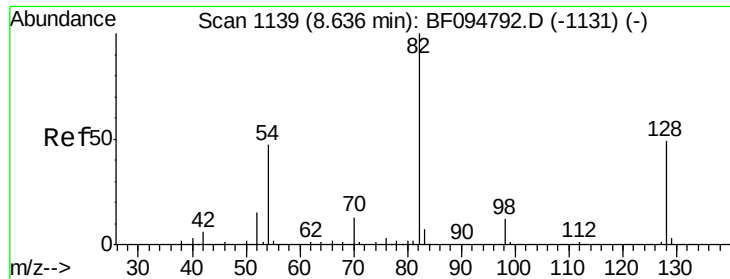
Abundance Ion 136.00 (135.70 to 136.70): E

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

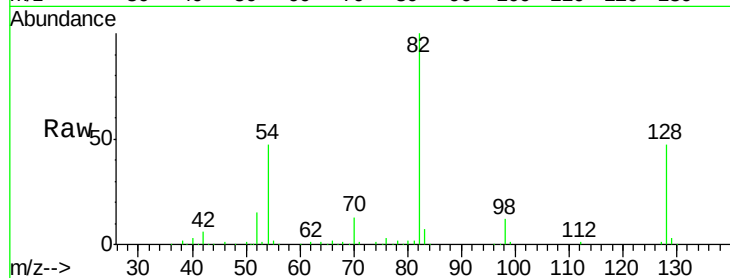




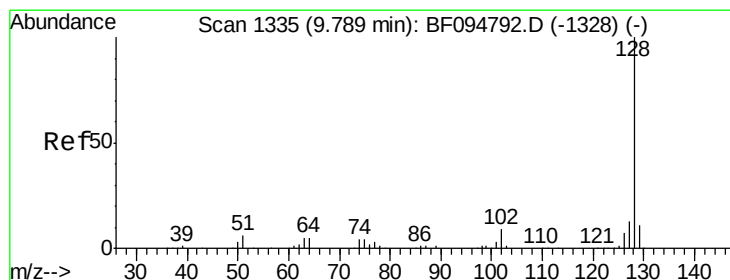
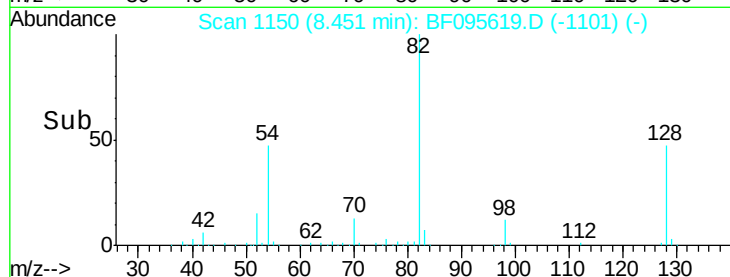
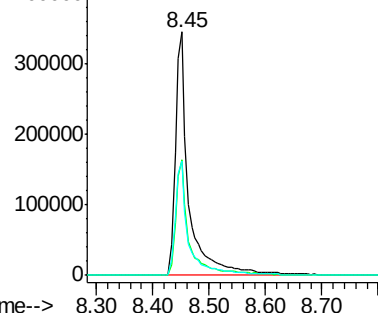
#23
 Nitrobenzene-d5
 Concen: 100.296 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

Tgt Ion: 82 Resp: 578666
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 47.0 42.2 63.2

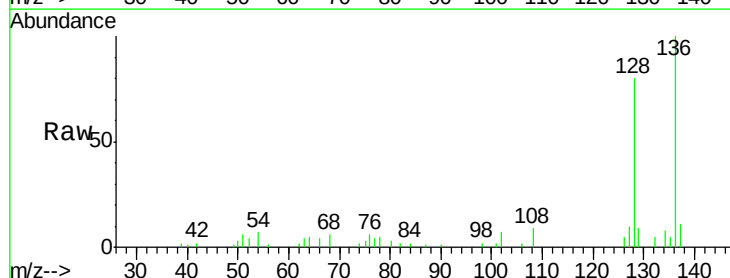


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

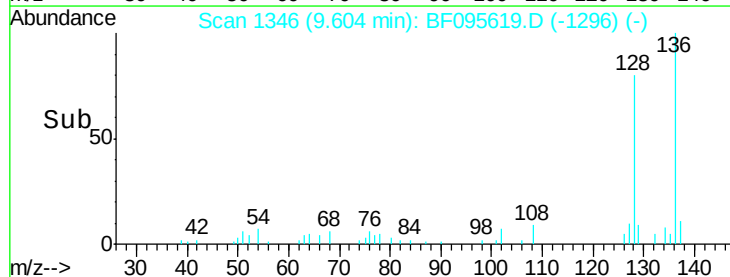
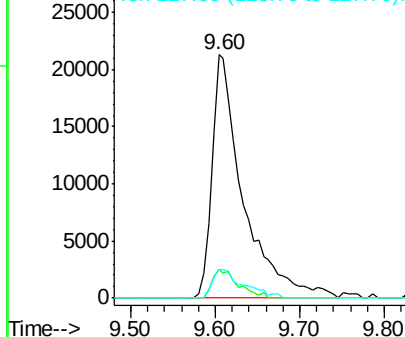


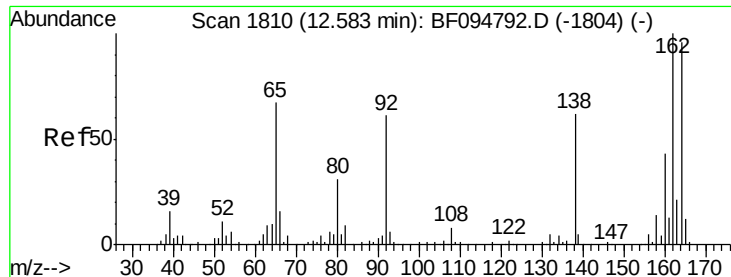
#31
 Naphthalene
 Concen: 3.011 ng
 RT: 9.60 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion: 128 Resp: 55061
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.0 13.6
 127 12.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

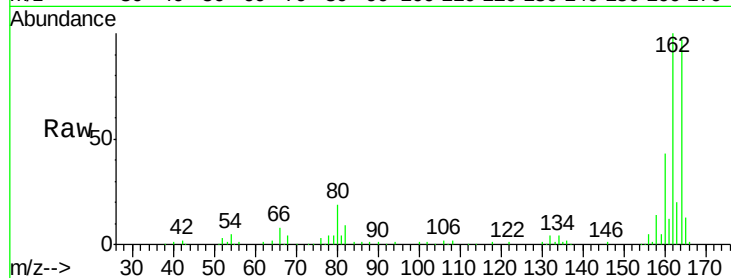
Tgt Ion:164 Resp: 165384

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

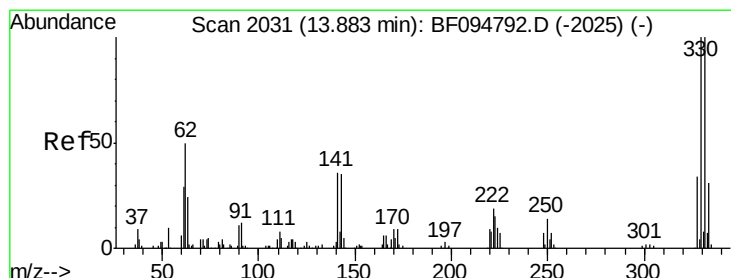
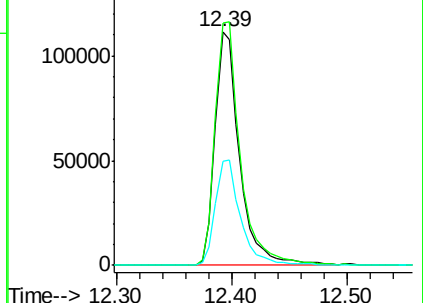
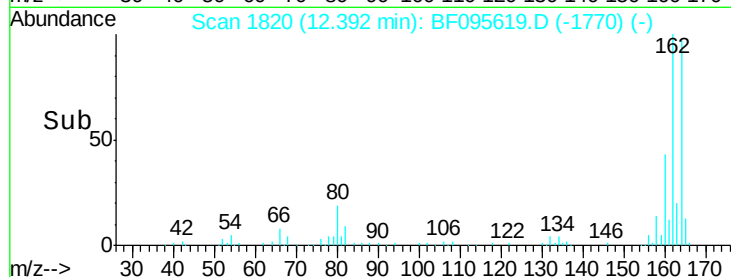
160 44.4 36.2 54.2



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: 167.063 ng

RT: 13.69 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

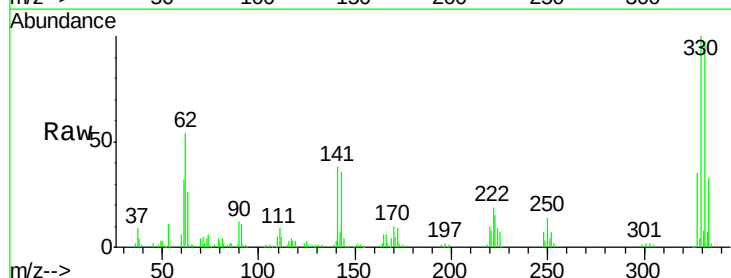
Tgt Ion:330 Resp: 226277

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

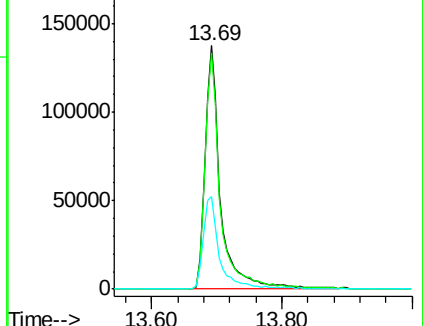
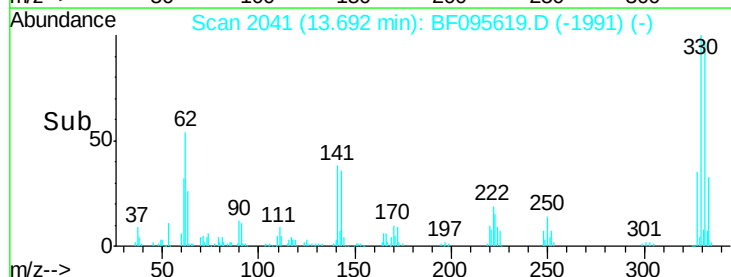
141 39.2 31.4 47.2

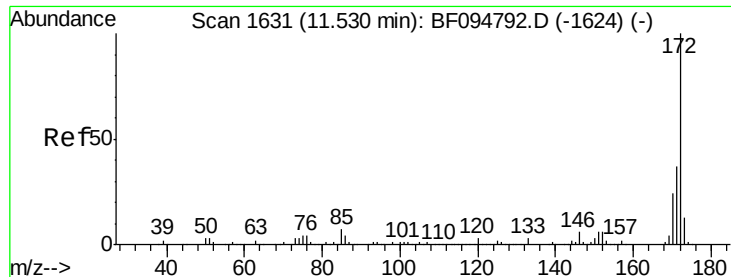


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

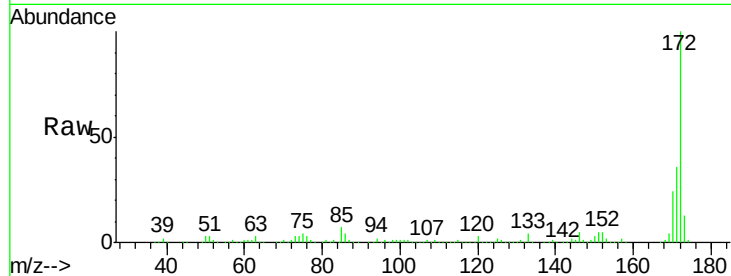




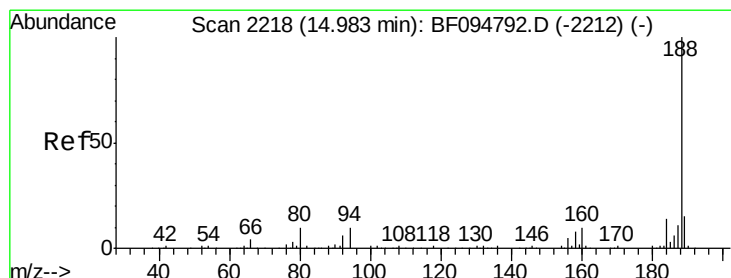
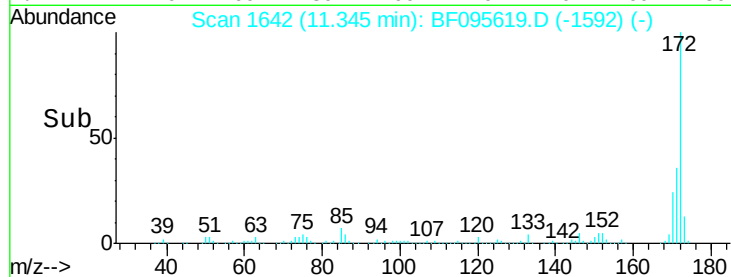
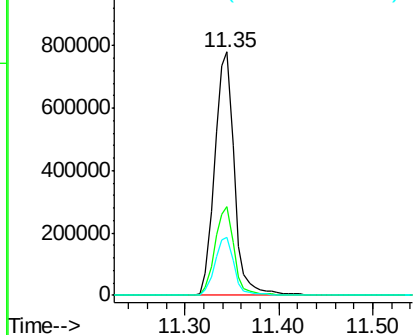
#44
 2-Fluorobiphenyl
 Concen: 99.861 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Instrument :
 BNA_F
 ClientSampled :
 TP-3-TP-4

Tgt Ion:172 Resp: 1147424
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.6 19.8 29.8

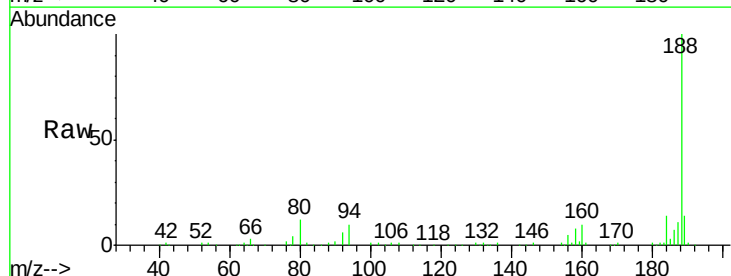


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

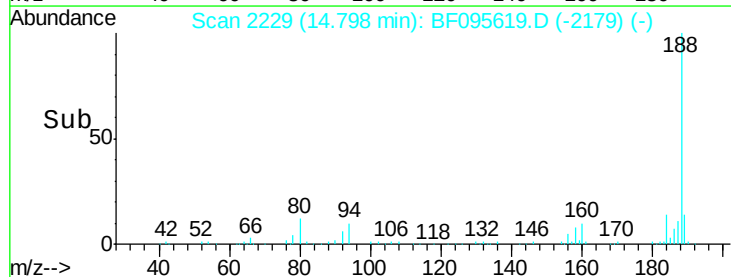
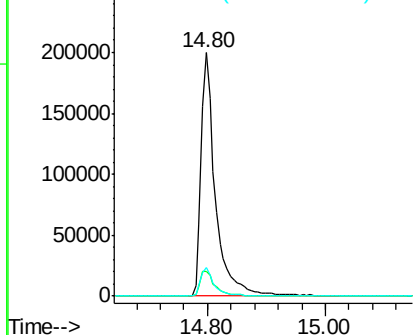


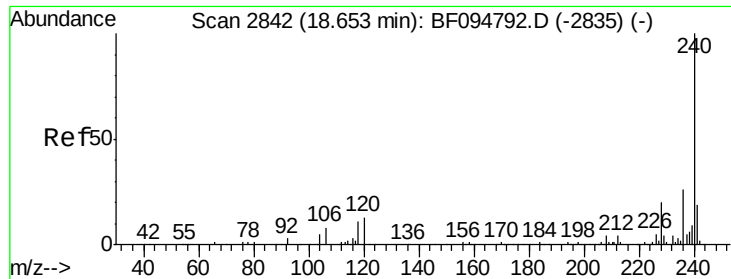
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion:188 Resp: 336323
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.5 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

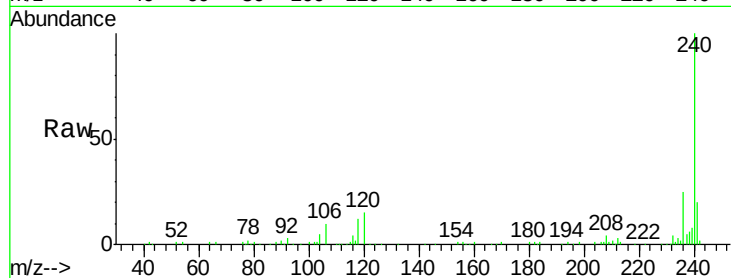




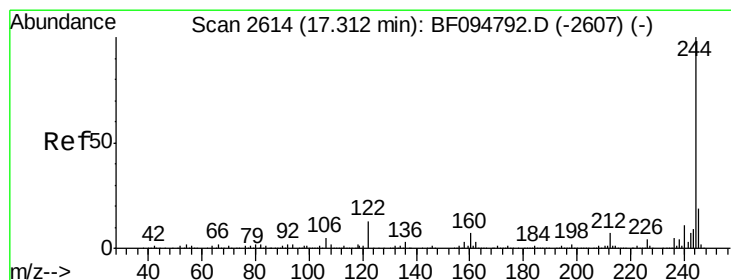
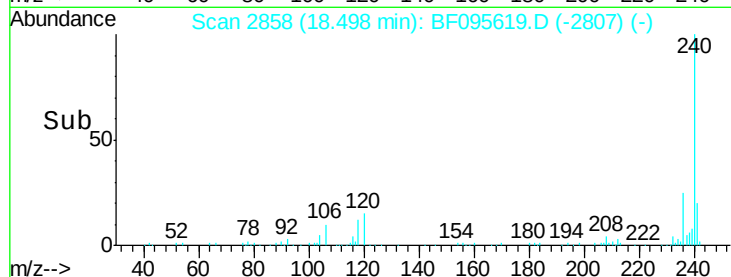
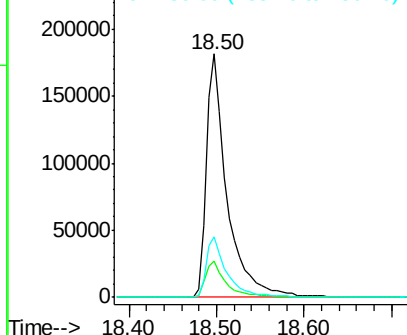
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.50 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4

Tgt Ion:240 Resp: 297339
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 24.7 20.5 30.7

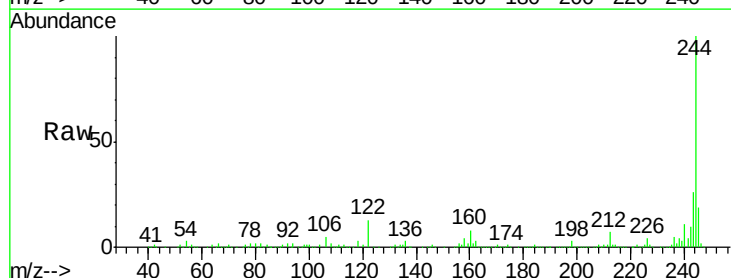


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

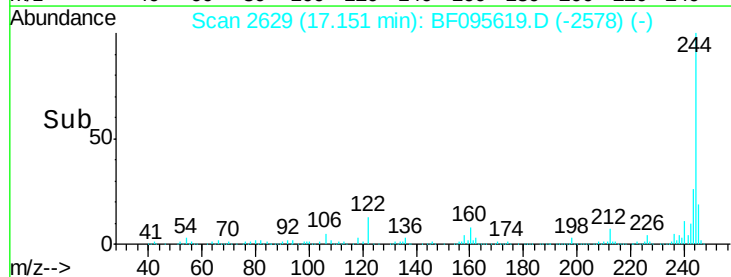
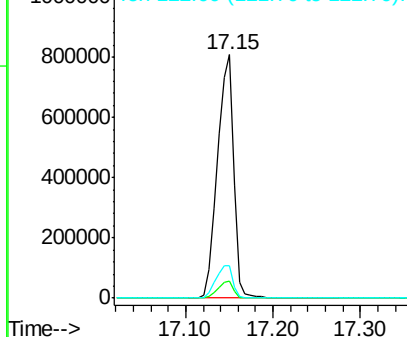


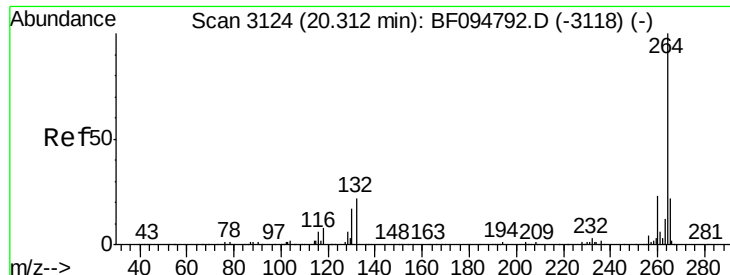
#78
Terphenyl-d14
Concen: 77.753 ng
RT: 17.15 min Scan# 2629
Delta R.T. 0.00 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion:244 Resp: 1049638
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.3 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

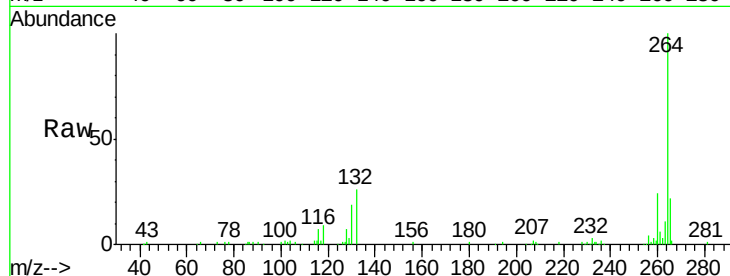




#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4

Tgt Ion: 264 Resp: 187647
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.9 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

