

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095616.D
 Acq On : 2 Jun 2017 3:54
 Operator : SJ/MA
 Sample : I3412-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 02 05:59:49 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	93790	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	367324	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	176905	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	337625	20.00	ng	0.00
75) Chrysene-d12	18.50	240	272212	20.00	ng	0.00
86) Perylene-d12	20.17	264	191454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	784029	139.37	ng	0.02
7) Phenol-d6	7.09	99	883478	130.89	ng	0.00
23) Nitrobenzene-d5	8.45	82	566569	97.26	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	223662	154.38	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1151053	93.65	ng	0.00
78) Terphenyl-d14	17.15	244	1016144	82.22	ng	0.00

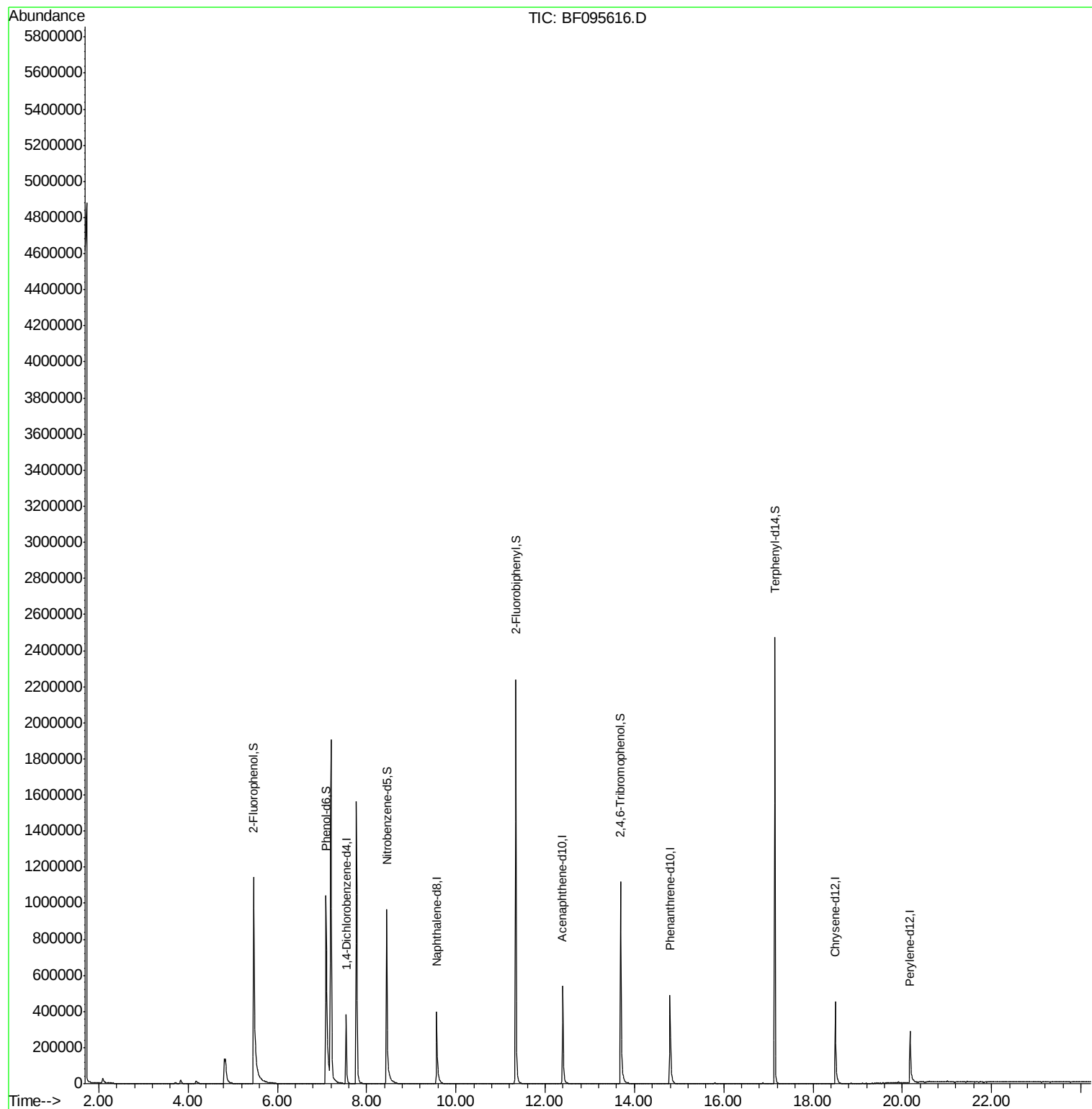
Target Compounds	Qvalue
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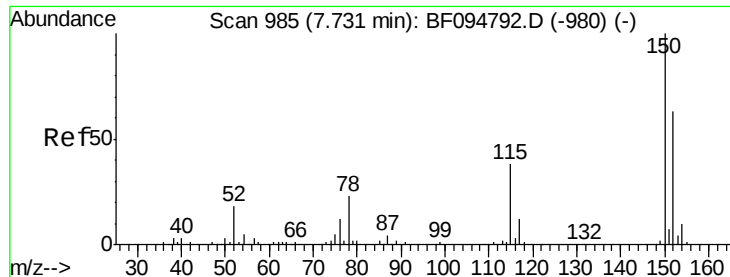
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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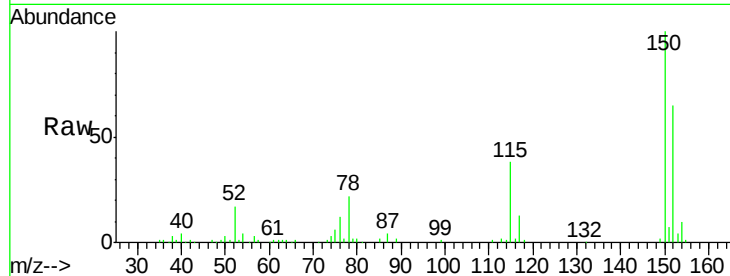


#1

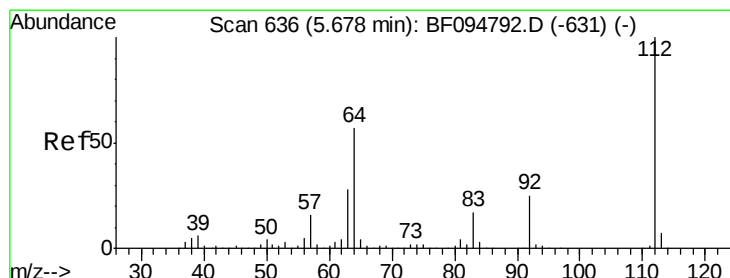
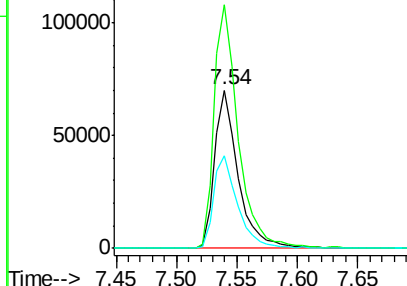
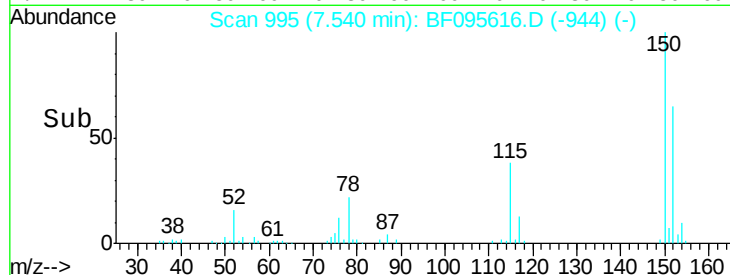
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

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

Tgt Ion:152 Resp: 93790
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 58.6 52.2 78.2



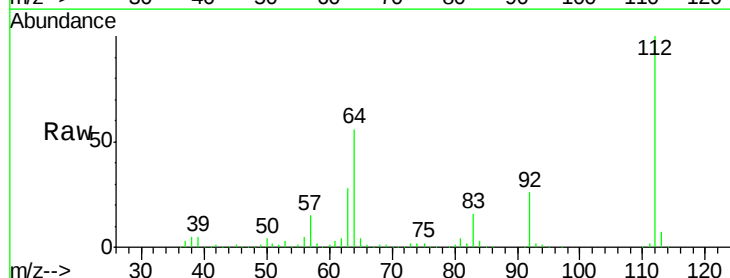
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



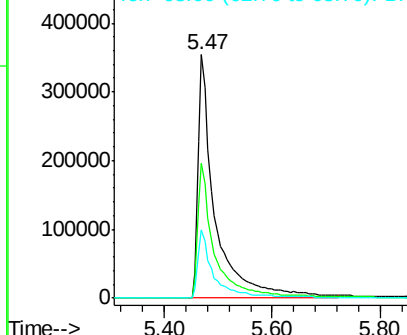
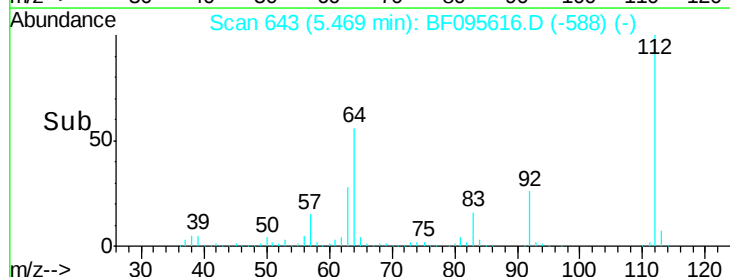
#5

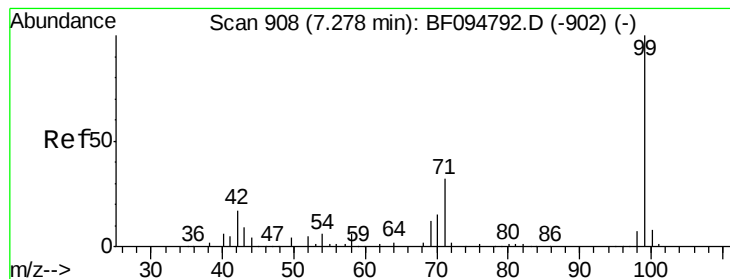
2-Fluorophenol
Concen: 139.369 ng
RT: 5.47 min Scan# 643
Delta R.T. 0.02 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Tgt Ion:112 Resp: 784029
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 27.9 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: 130.890 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

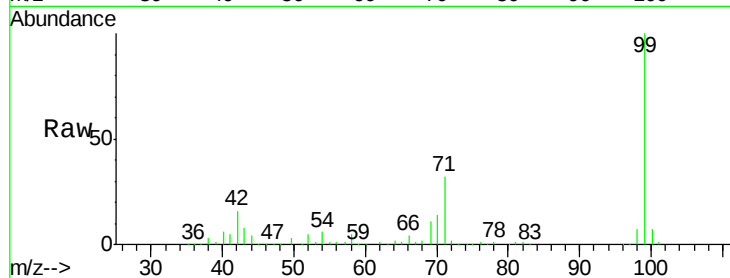
Tgt Ion: 99 Resp: 883478

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

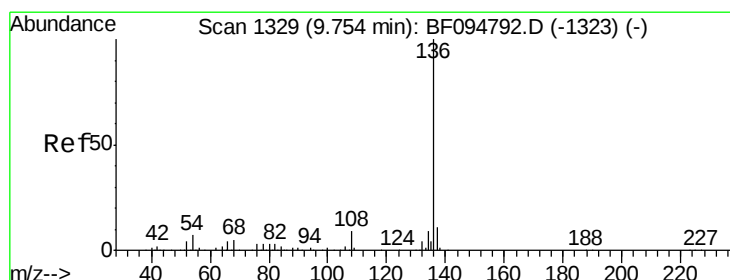
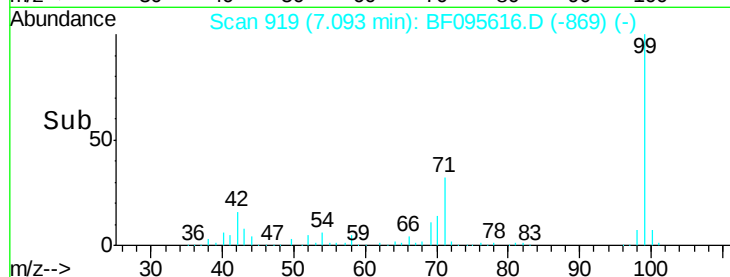
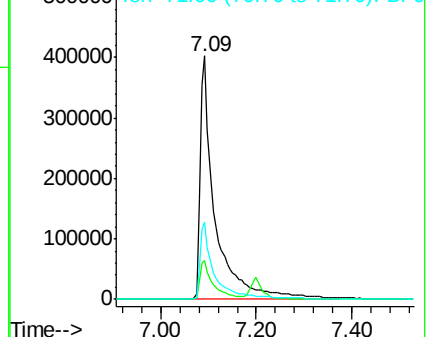
71 31.6 24.5 36.7



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: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Tgt Ion: 136 Resp: 367324

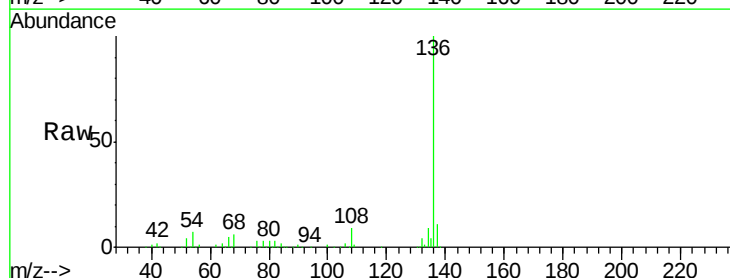
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.2 4.9 7.3

68 5.9 4.1 6.1

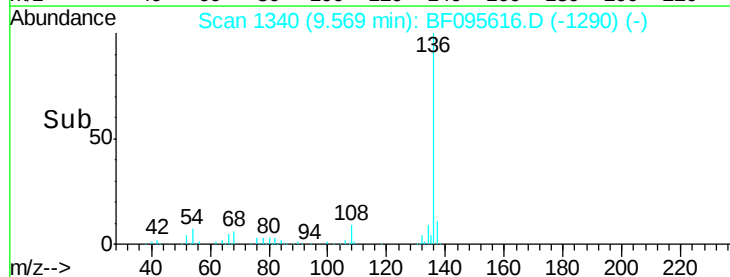
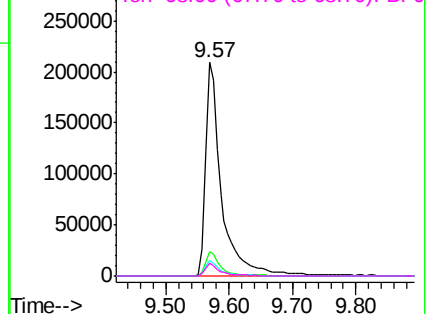


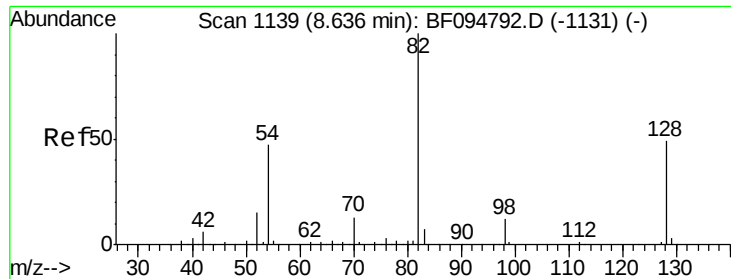
Abundance Ion 136.00 (135.70 to 136.70): E

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

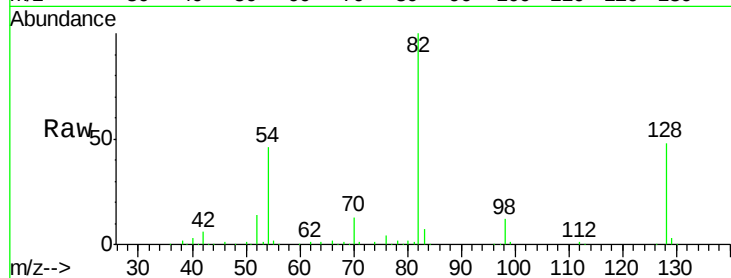




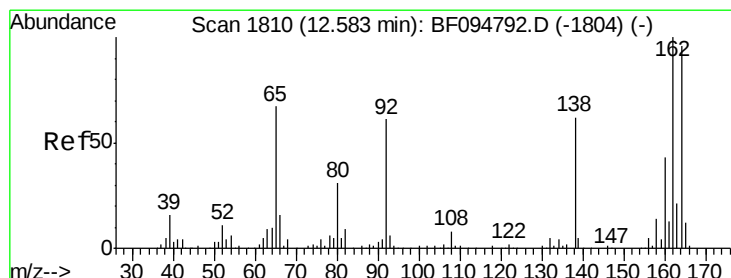
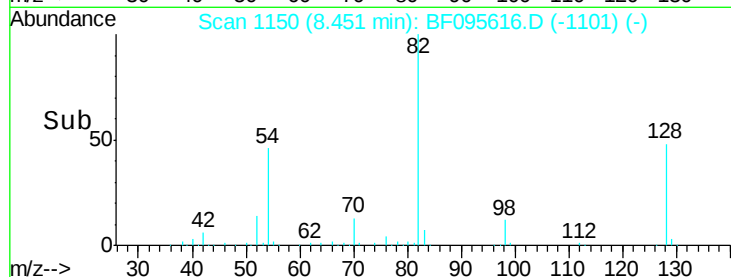
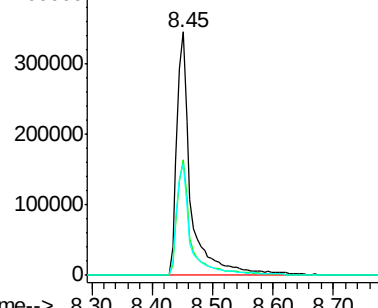
#23
Nitrobenzene-d5
Concen: 97.263 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

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

Tgt Ion: 82 Resp: 566569
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 45.8 42.2 63.2

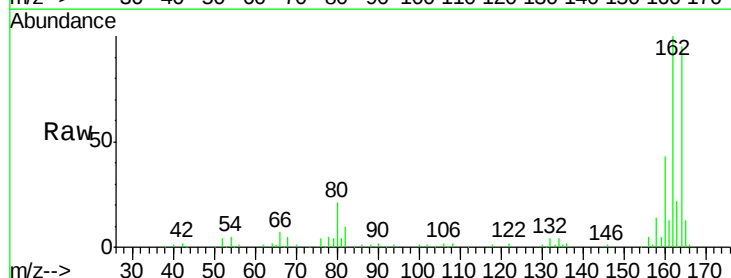


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

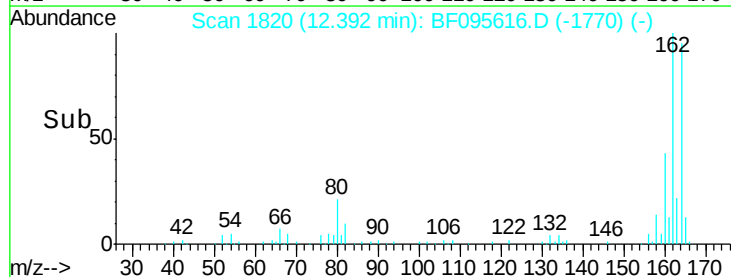
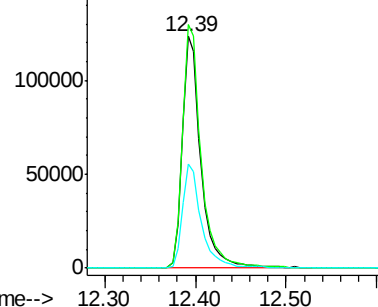


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Tgt Ion: 164 Resp: 176905
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 45.2 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

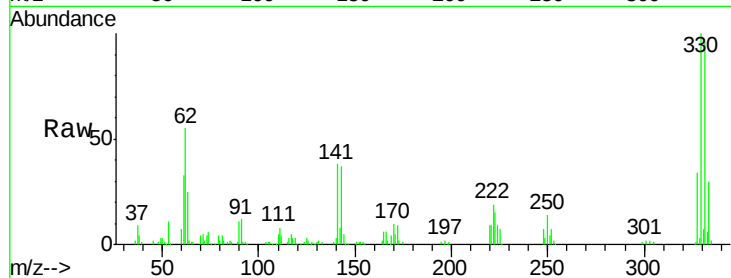




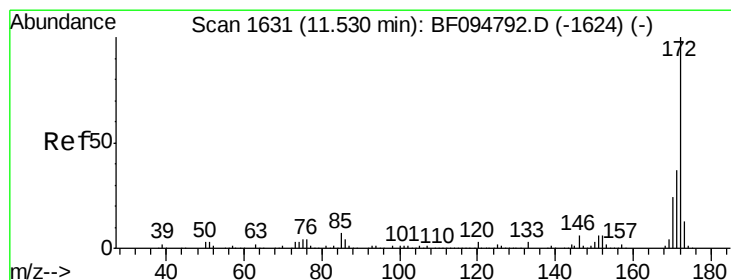
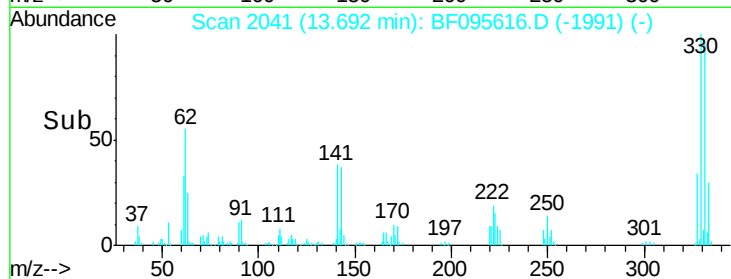
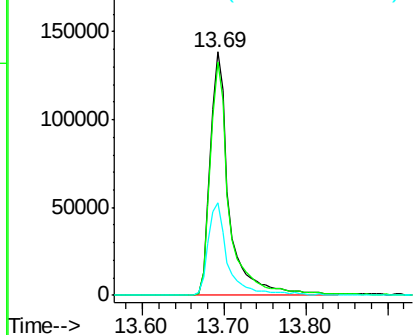
#41
 2,4,6-Tribromophenol
 Concen: 154.378 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

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

Tgt Ion:330 Resp: 223662
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.9 31.4 47.2

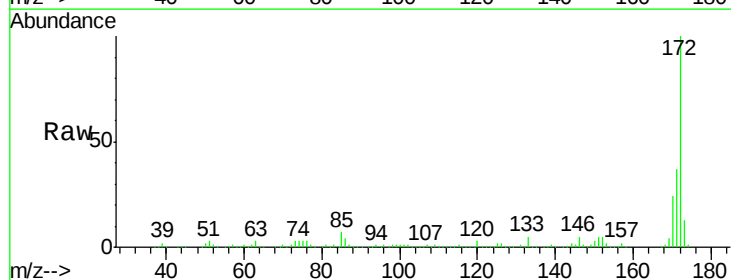


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

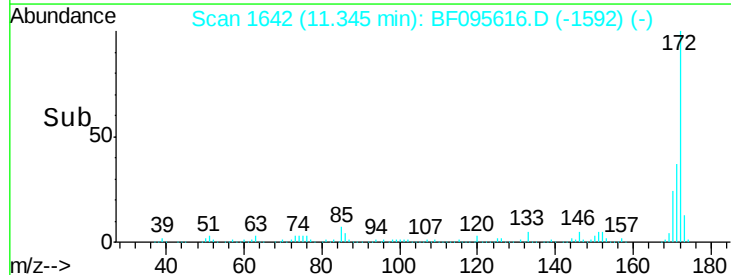
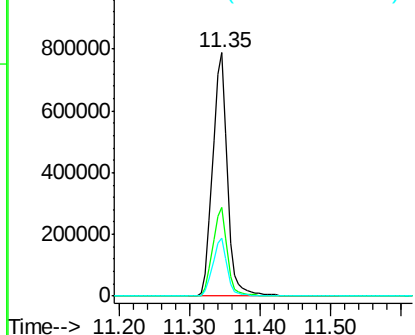


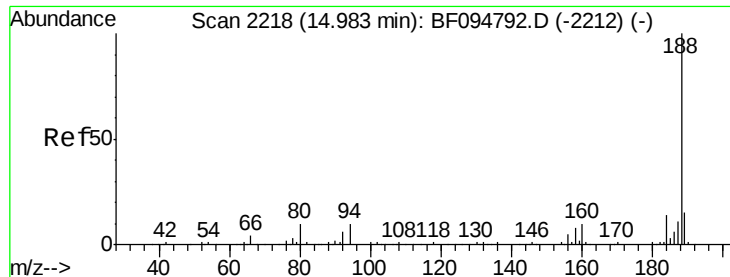
#44
 2-Fluorobiphenyl
 Concen: 93.652 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Tgt Ion:172 Resp: 1151053
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.7 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

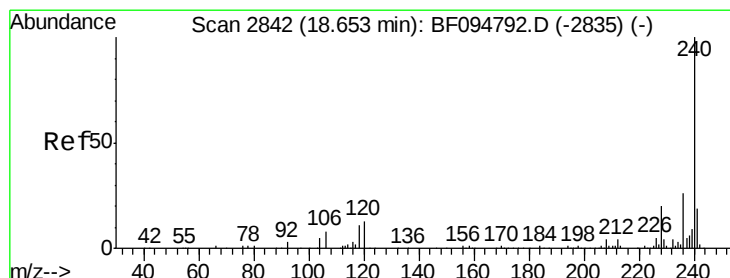
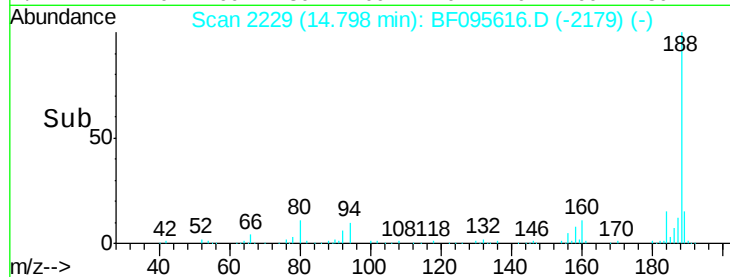
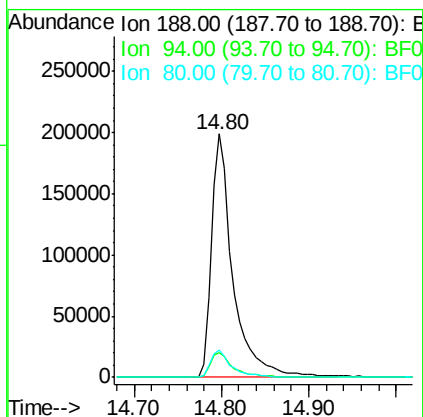
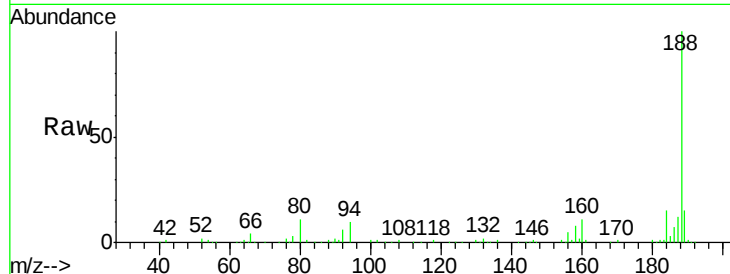




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

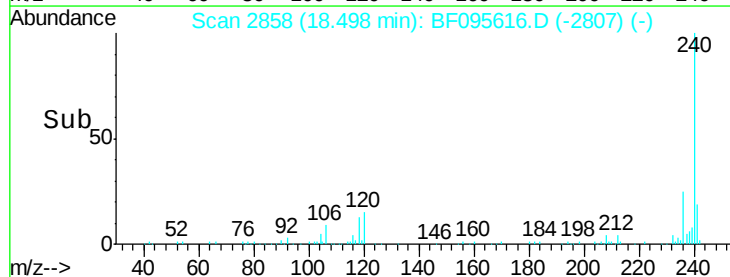
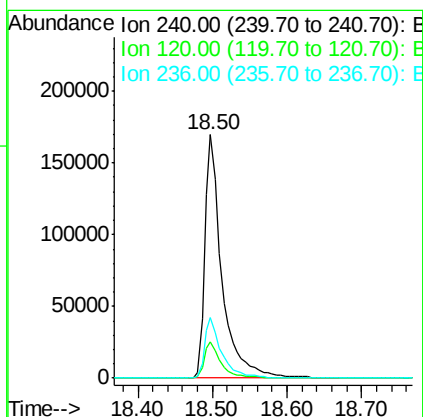
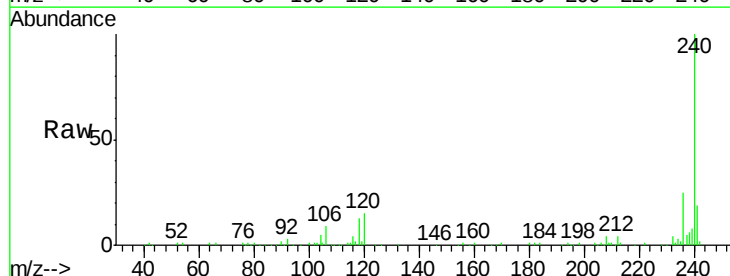
Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4-COMP

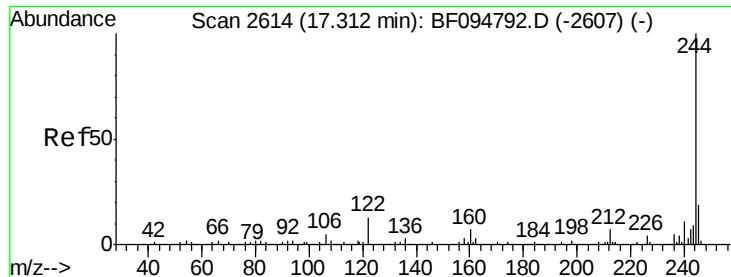
Tgt Ion:188 Resp: 337625
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.50 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Tgt Ion:240 Resp: 272212
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 24.7 20.5 30.7





#78

Terphenyl-d14

Concen: 82.220 ng

RT: 17.15 min Scan# 2629

Delta R.T. 0.00 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

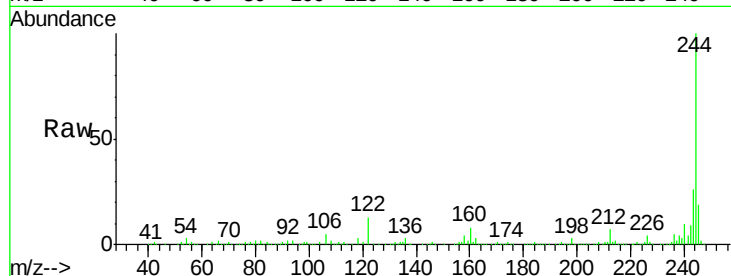
Tgt Ion:244 Resp: 1016144

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

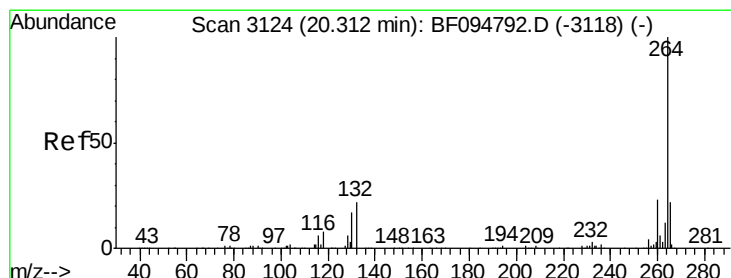
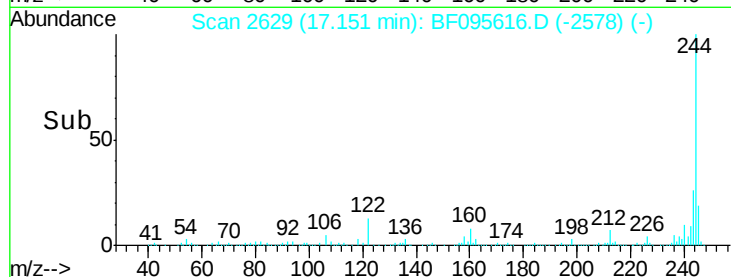
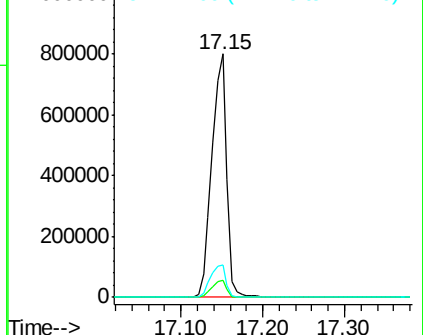
122 13.5 10.3 15.5



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# 3143

Delta R.T. 0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

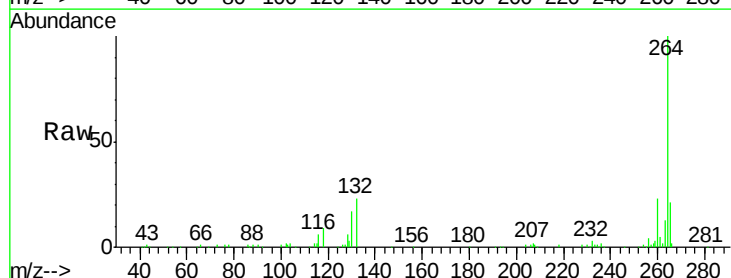
Tgt Ion:264 Resp: 191454

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.3 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

