

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095290.D
 Acq On : 20 May 2017 7:15
 Operator : SJ/MA
 Sample : I3207-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-TP-12

Quant Time: May 22 02:07:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	94372	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	306555	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	139955	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	205169	20.00	ng	0.00
75) Chrysene-d12	18.69	240	159050	20.00	ng	0.00
86) Perylene-d12	20.37	264	93512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	662831	117.10	ng	0.00
7) Phenol-d6	7.31	99	704802	103.77	ng	0.00
23) Nitrobenzene-d5	8.66	82	458338	94.28	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	140722	122.77	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	986713	101.48	ng	0.00
78) Terphenyl-d14	17.34	244	568421	78.72	ng	-0.01

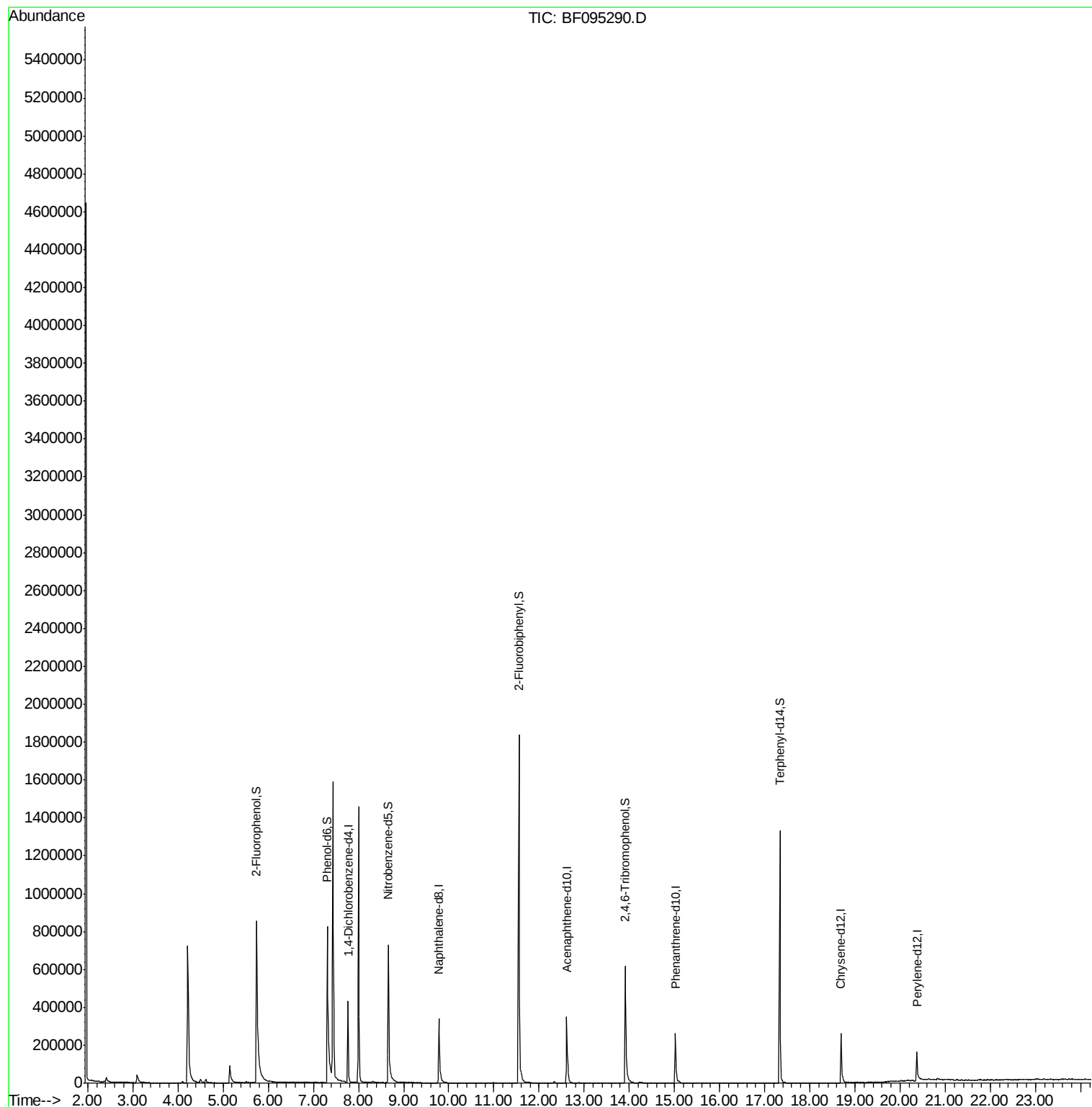
Target Compounds	Qvalue
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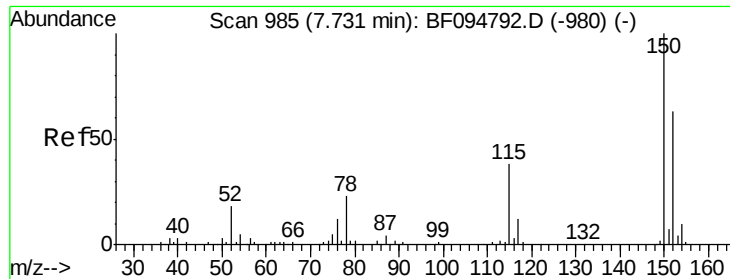
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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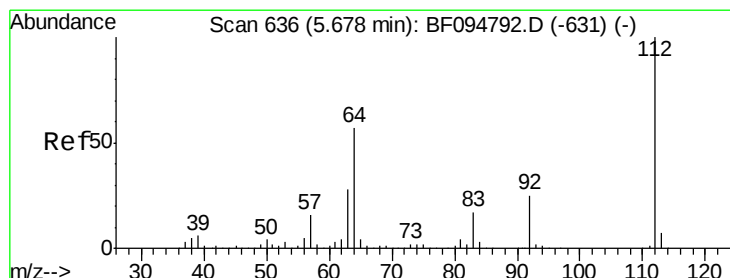
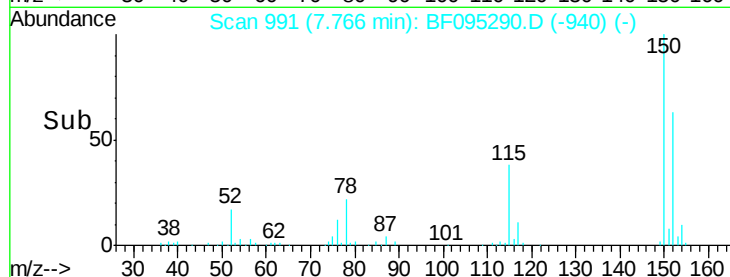
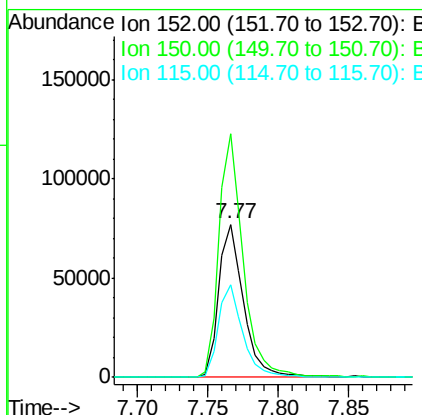
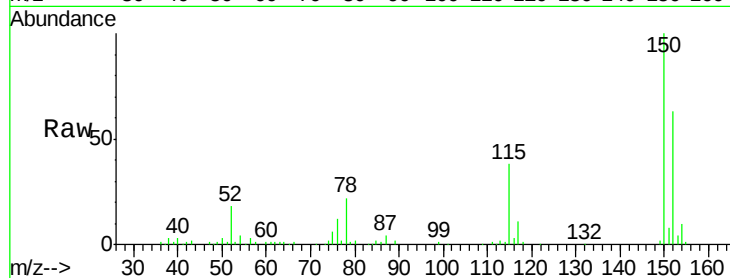




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF095290.D
 Acq: 20 May 2017 7:15

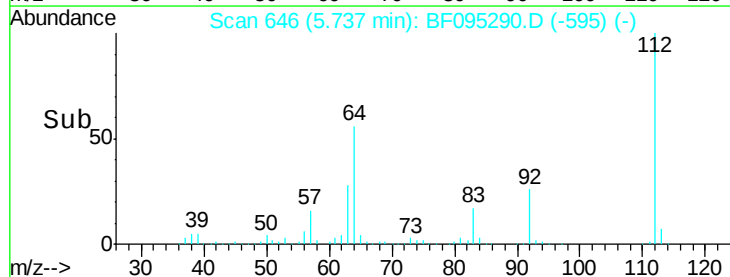
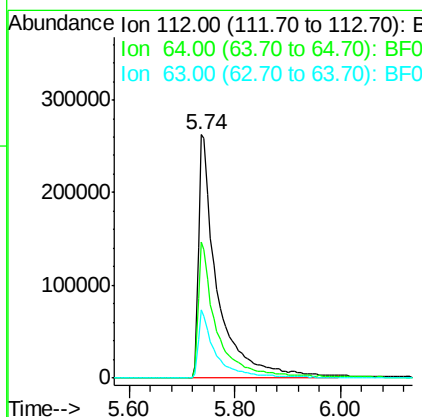
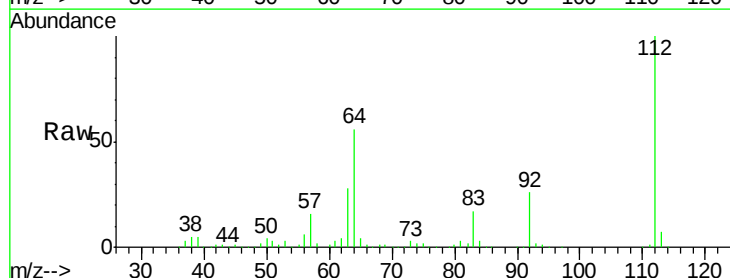
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-TP-12

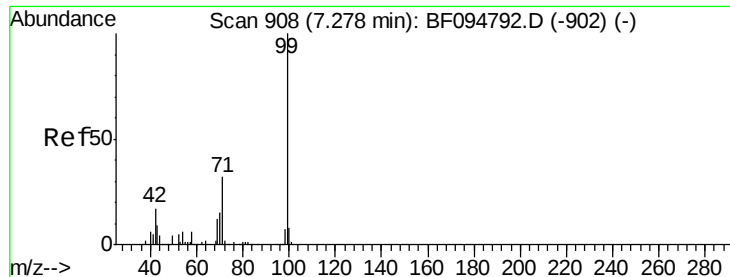
Tgt Ion:152 Resp: 94372
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.2 189.2
 115 60.1 52.2 78.2



#5
 2-Fluorophenol
 Concen: 117.10 ng
 RT: 5.74 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF095290.D
 Acq: 20 May 2017 7:15

Tgt Ion:112 Resp: 662831
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 28.0 23.4 35.0





#7

Phenol-d6

Concen: 103.77 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095290.D

Acq: 20 May 2017 7:15

Instrument :

BNA_F

ClientSampleId :

TP-11-TP-12

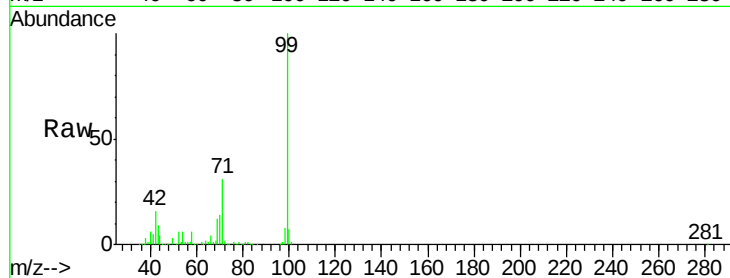
Tgt Ion: 99 Resp: 704802

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

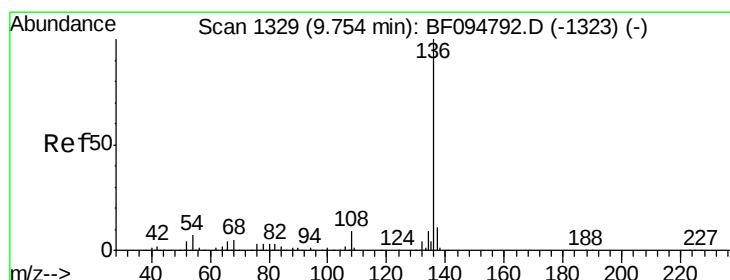
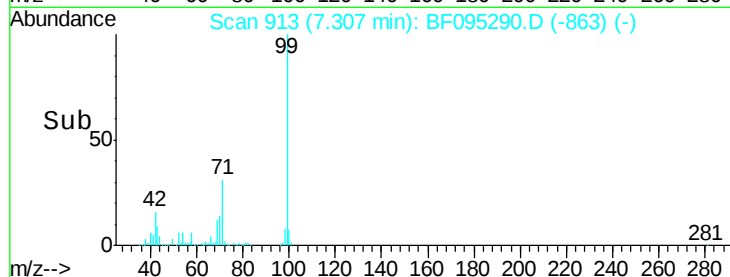
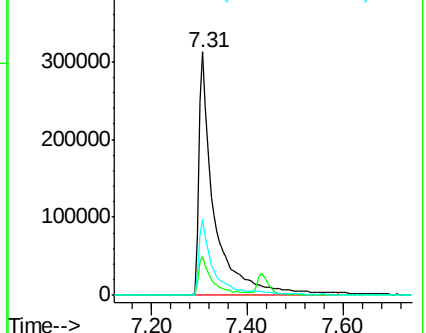
71 31.2 24.5 36.7



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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095290.D

Acq: 20 May 2017 7:15

Tgt Ion: 136 Resp: 306555

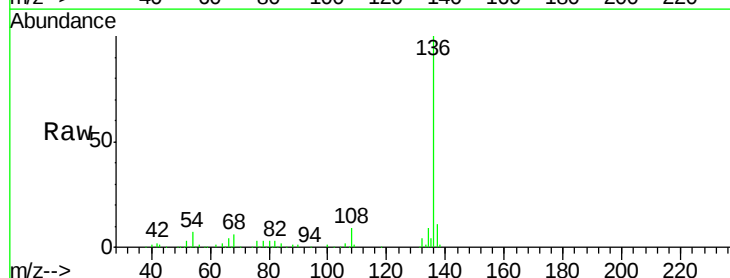
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.5 4.9 7.3

68 5.6 4.1 6.1

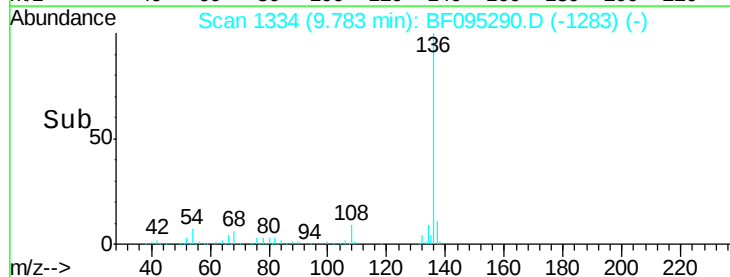
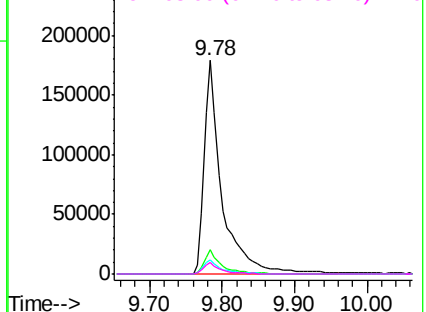


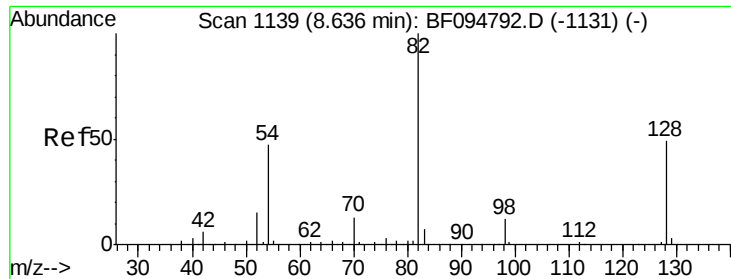
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

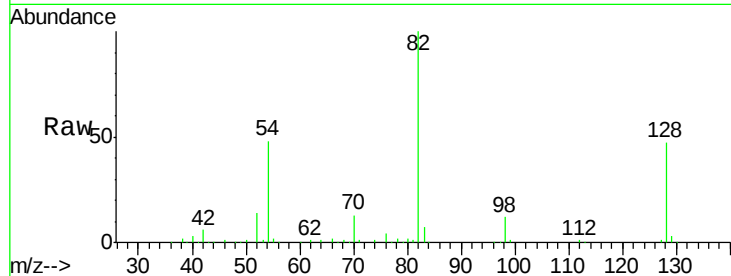




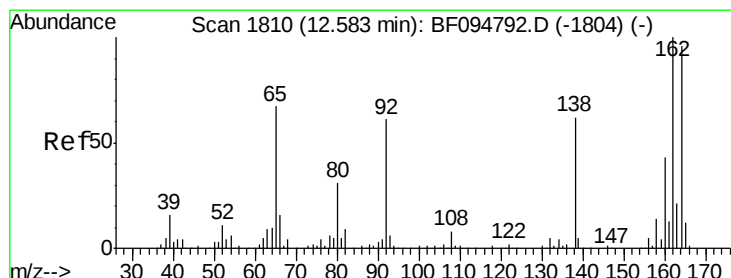
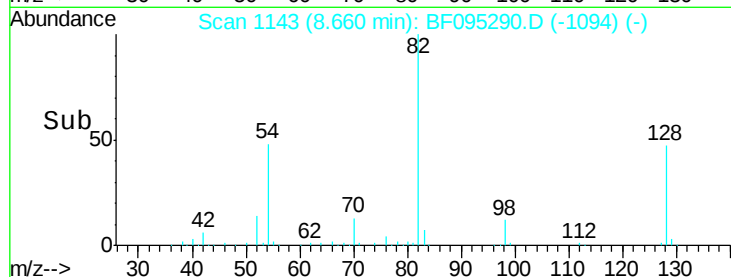
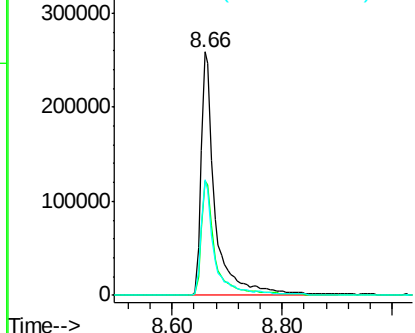
#23
Nitrobenzene-d5
Concen: 94.28 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095290.D
Acq: 20 May 2017 7:15

Instrument :
BNA_F
ClientSampleId :
TP-11-TP-12

Tgt Ion: 82 Resp: 458338
Ion Ratio Lower Upper
82 100
128 47.1 34.0 51.0
54 47.8 42.2 63.2

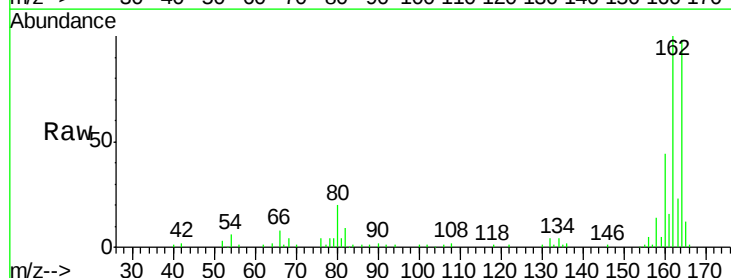


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

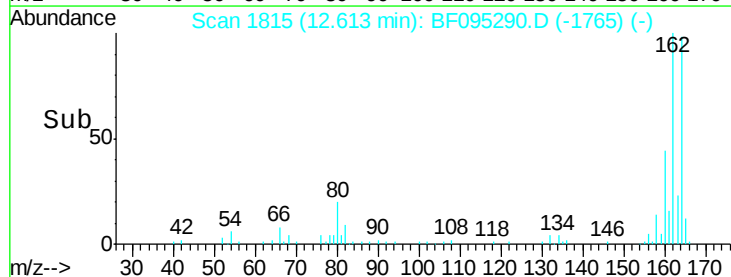
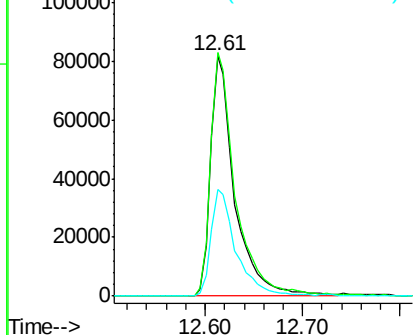


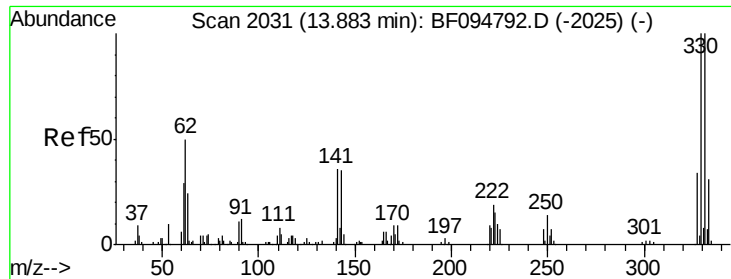
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095290.D
Acq: 20 May 2017 7:15

Tgt Ion: 164 Resp: 139955
Ion Ratio Lower Upper
164 100
162 101.5 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

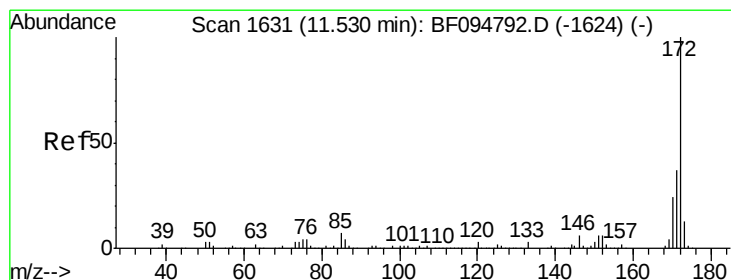
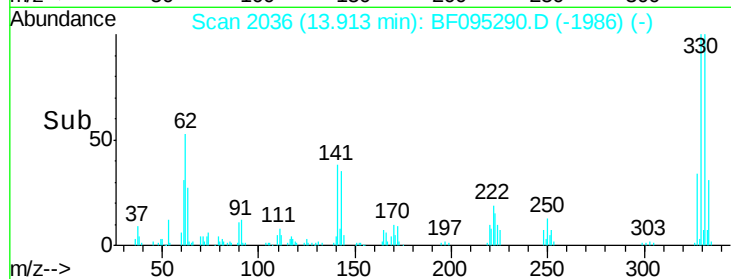
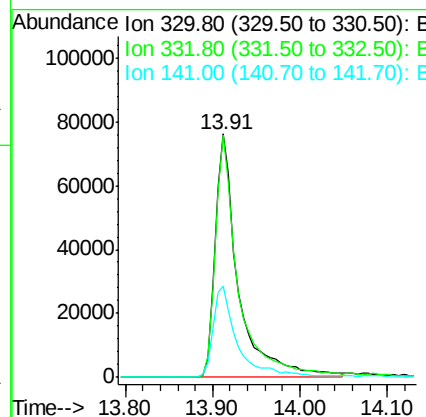
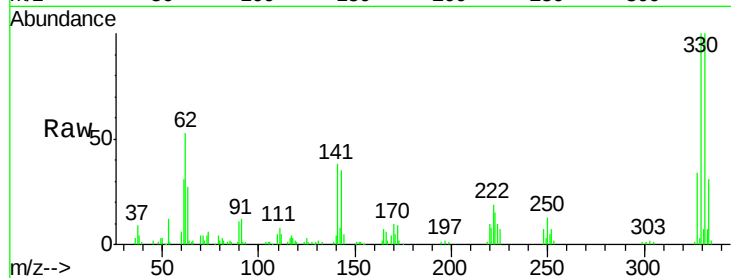




#41
 2,4,6-Tribromophenol
 Concen: 122.77 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095290.D
 Acq: 20 May 2017 7:15

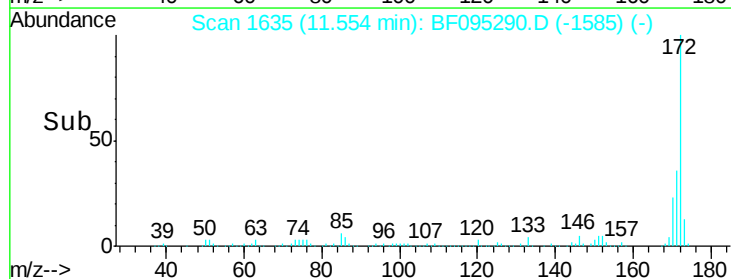
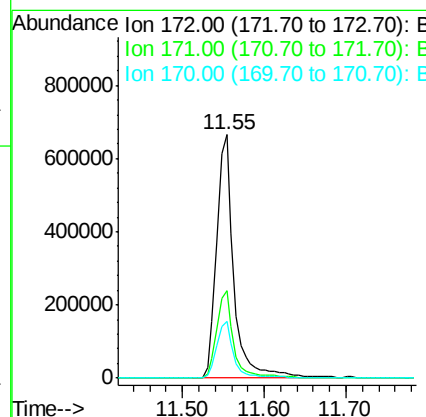
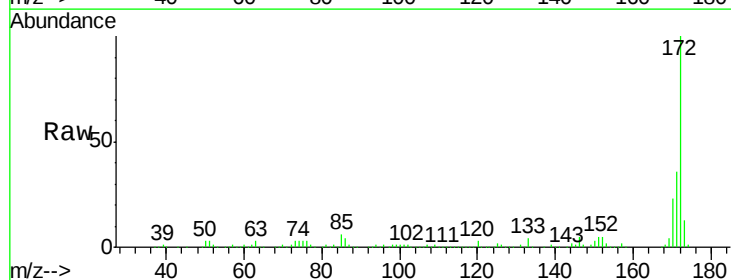
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-TP-12

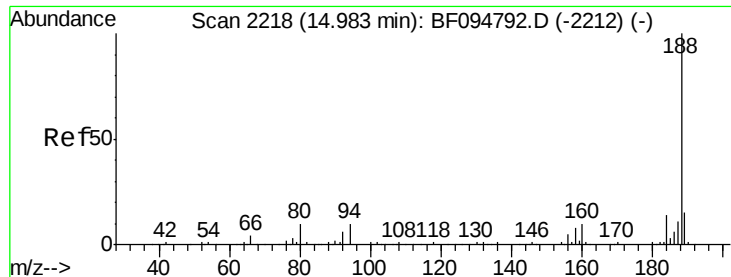
Tgt Ion: 330 Resp: 140722
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 40.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 101.48 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095290.D
 Acq: 20 May 2017 7:15

Tgt Ion: 172 Resp: 986713
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.3 19.8 29.8

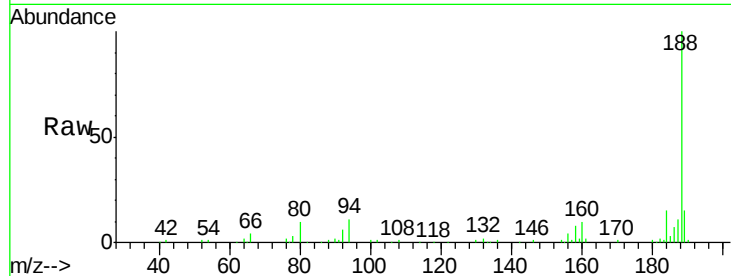




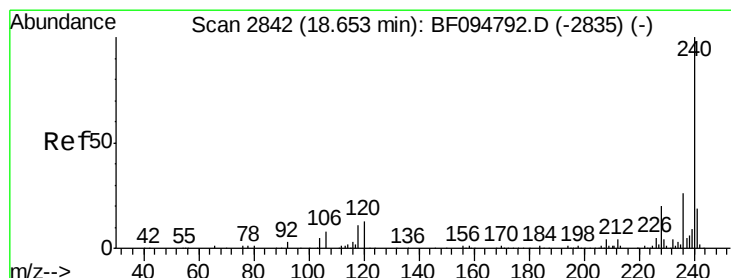
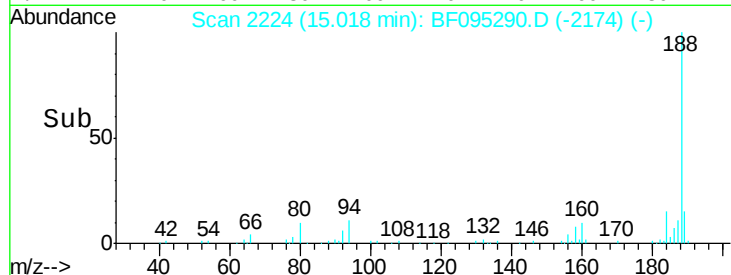
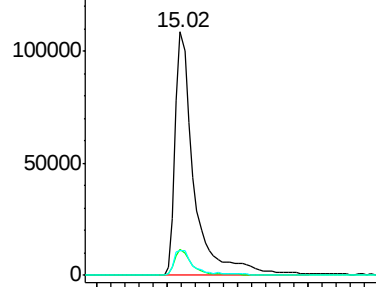
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095290.D
Acq: 20 May 2017 7:15

Instrument :
BNA_F
ClientSampleId :
TP-11-TP-12

Tgt Ion:188 Resp: 205169
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.3 10.2 15.2

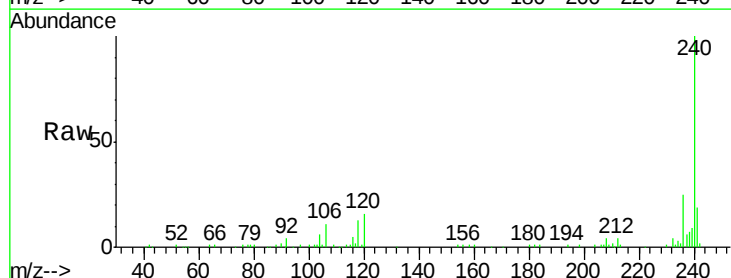


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

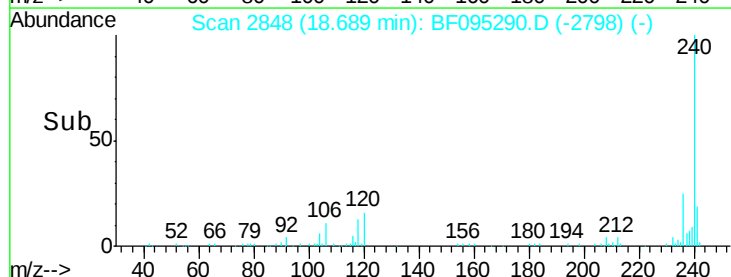
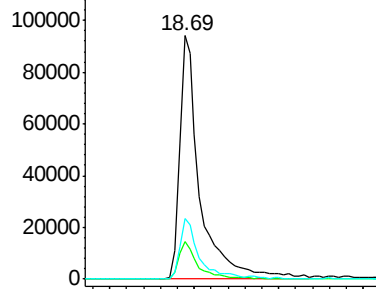


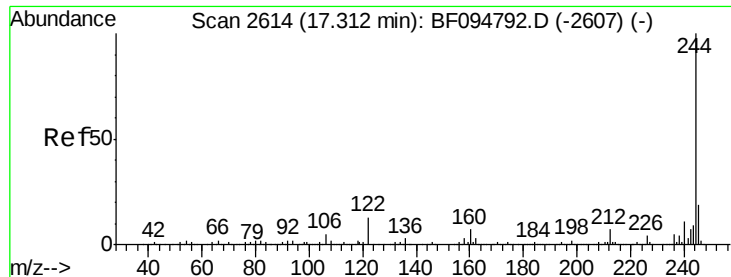
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095290.D
Acq: 20 May 2017 7:15

Tgt Ion:240 Resp: 159050
Ion Ratio Lower Upper
240 100
120 15.5 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

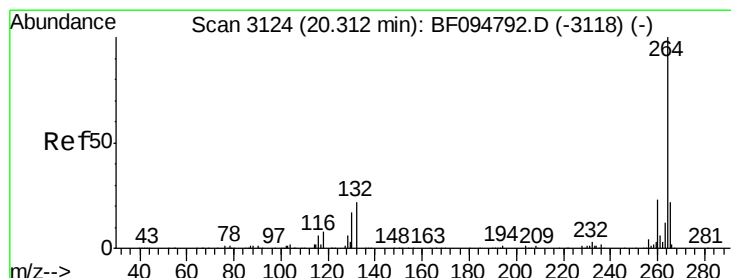
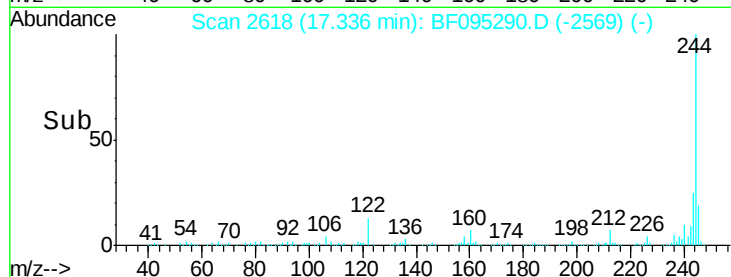
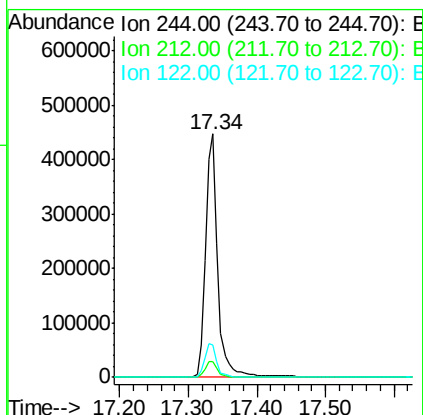
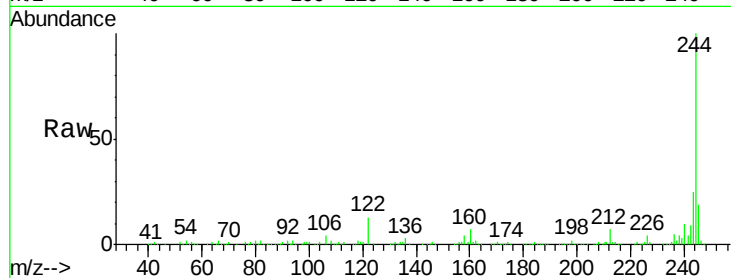




#78
 Terphenyl-d14
 Concen: 78.72 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095290.D
 Acq: 20 May 2017 7:15

Instrument :
 BNA_F
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 TP-11-TP-12

Tgt Ion: 244 Resp: 568421
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095290.D
 Acq: 20 May 2017 7:15

Tgt Ion: 264 Resp: 93512
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.1 17.2 25.8

