

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099903.D
 Acq On : 28 Oct 2017 4:16
 Operator : SJ/JU
 Sample : I6029-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-3(15-20)

Quant Time: Oct 28 05:53:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

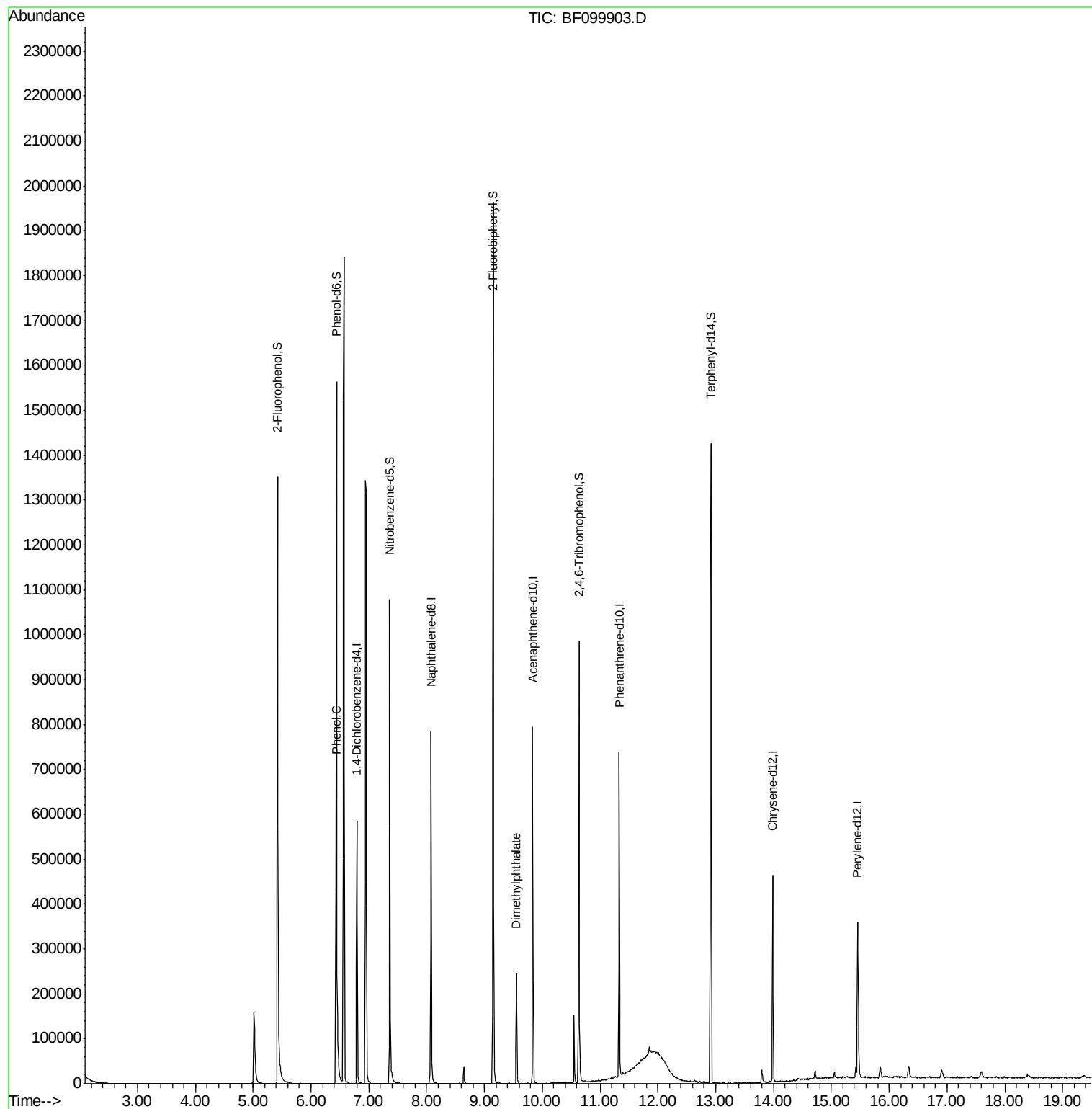
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92895	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	379238	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	170349	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	271384	20.00	ng	0.00
75) Chrysene-d12	13.99	240	165732	20.00	ng	0.00
86) Perylene-d12	15.46	264	171048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	539082	91.11	ng	0.00
7) Phenol-d6	6.44	99	637002	90.79	ng	0.00
23) Nitrobenzene-d5	7.36	82	358548	60.87	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	123753	79.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	704400	63.80	ng	0.00
78) Terphenyl-d14	12.92	244	449673	59.29	ng	0.00
Target Compounds						
10) Phenol	6.45	94	34491	4.478	ng	94
49) Dimethylphthalate	9.55	163	111252	8.247	ng	98

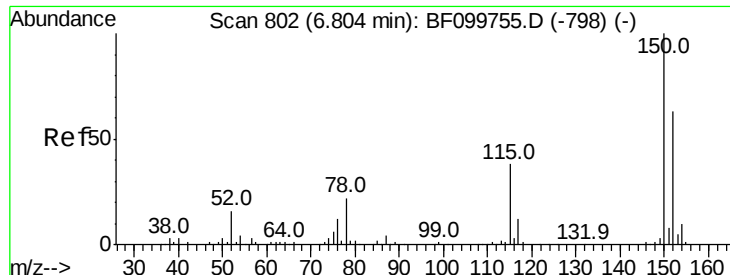
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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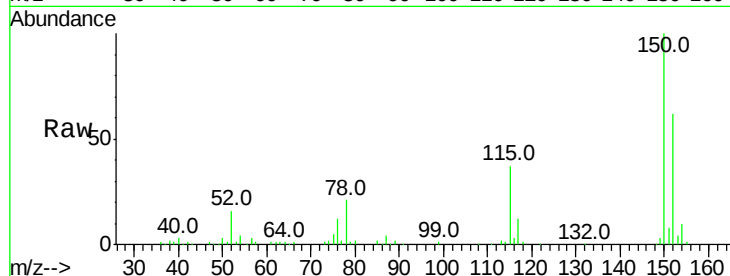


#1

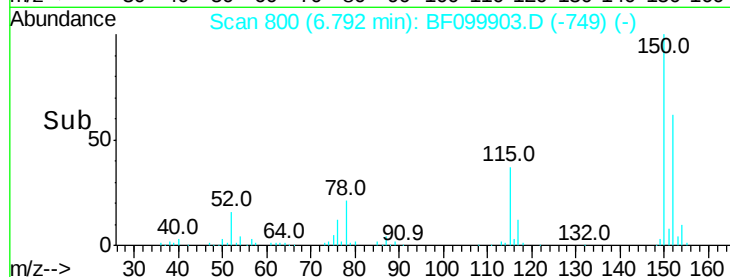
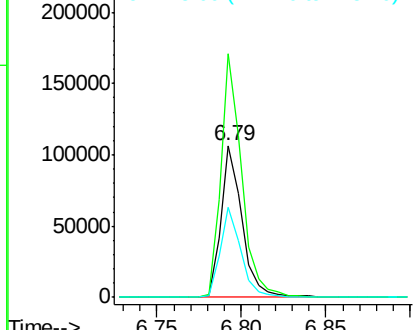
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF099903.D
 Acq: 28 Oct 2017 4:16

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-3(15-20)

Tot Ion:152 Resp: 92895
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.6 186.8
 115 59.0 50.1 75.1



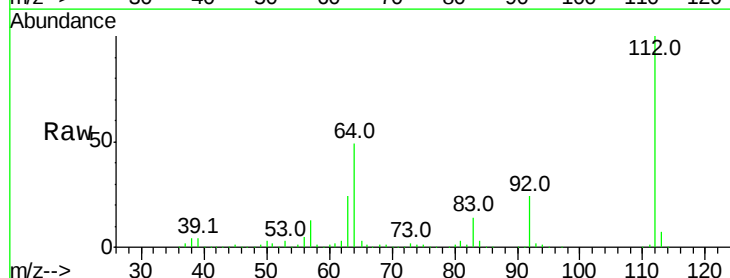
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



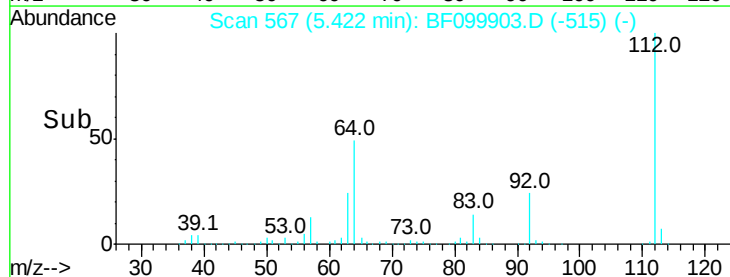
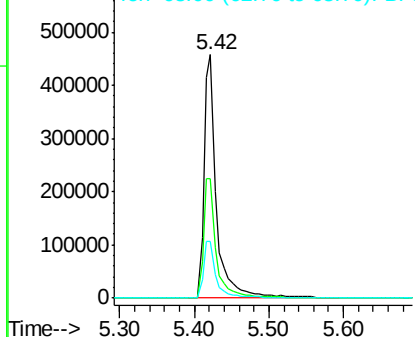
#5

2-Fluorophenol
 Concen: 91.107 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF099903.D
 Acq: 28 Oct 2017 4:16

Tgt Ion:112 Resp: 539082
 Ion Ratio Lower Upper
 112 100
 64 49.1 47.9 71.9
 63 23.6 23.7 35.5#



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: 90.794 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099903.D

Acq: 28 Oct 2017 4:16

Instrument :

BNA_F

ClientSampleId :

ENV-118-3(15-20)

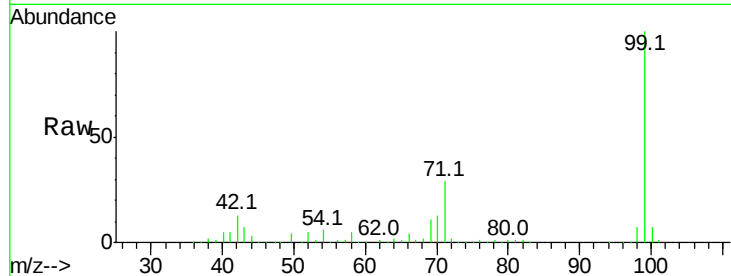
Tot Ion: 99 Resp: 637002

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

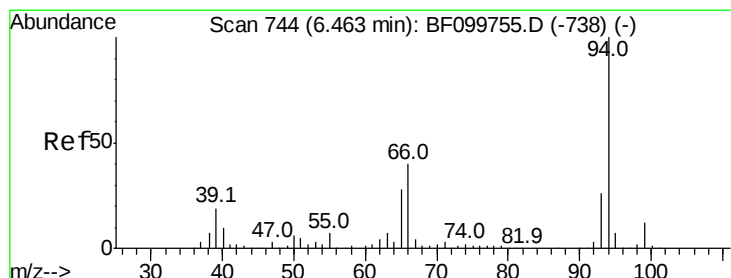
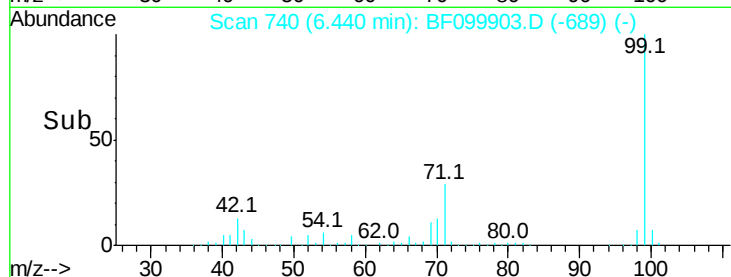
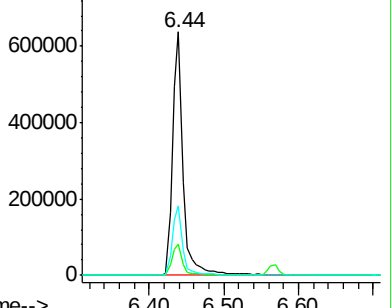
71 28.7 25.4 38.0



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



#10

Phenol

Concen: 4.478 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099903.D

Acq: 28 Oct 2017 4:16

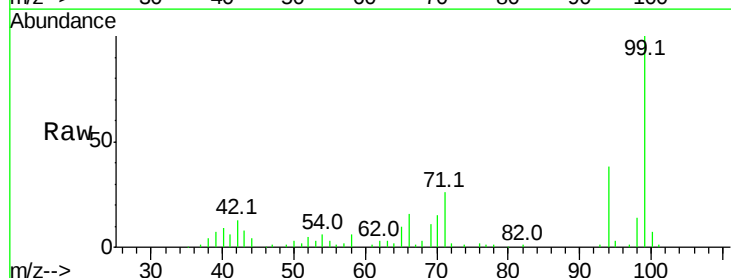
Tgt Ion: 94 Resp: 34491

Ion Ratio Lower Upper

94 100

65 27.3 7.9 47.9

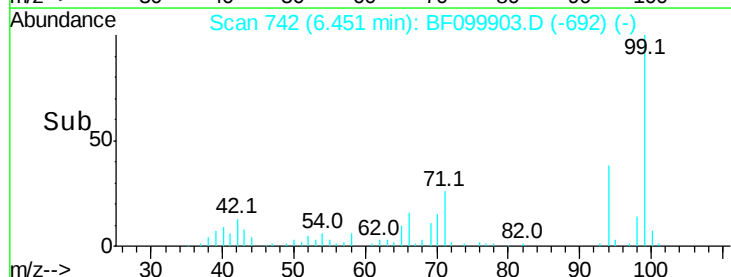
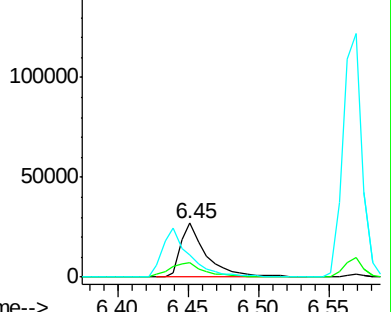
66 42.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

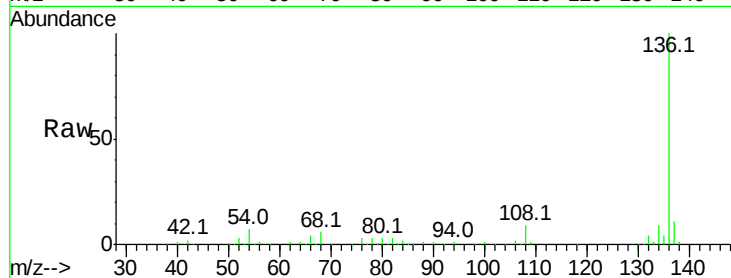




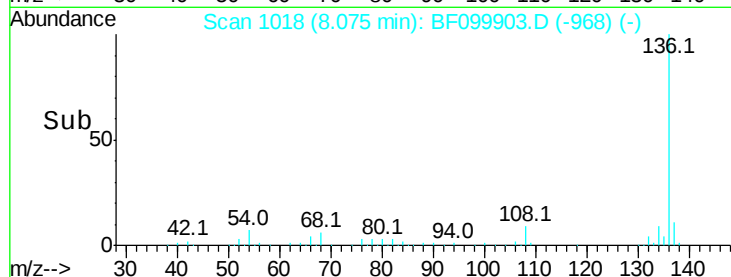
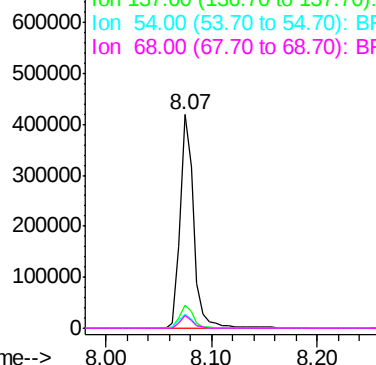
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099903.D
Acq: 28 Oct 2017 4:16

Instrument :
BNA_F
ClientSampleId :
ENV-118-3(15-20)

Tot Ion:	136	Resp:	379238
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	6.6	9.8
68	5.8	5.0	7.4

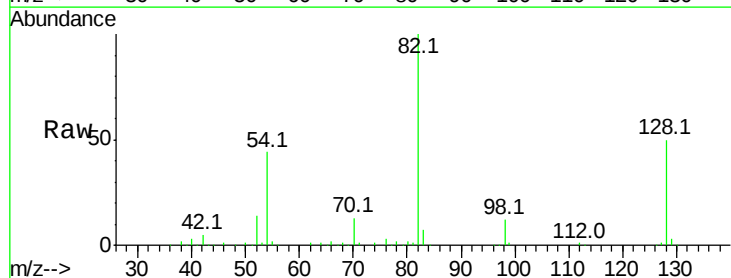


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

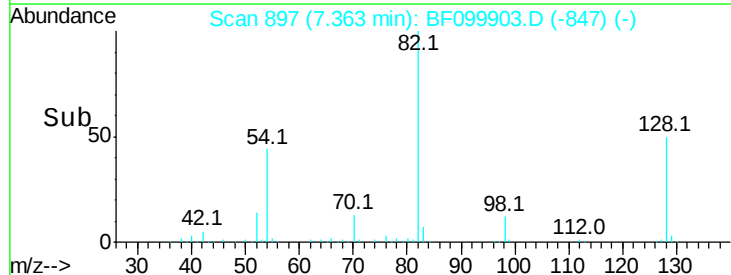
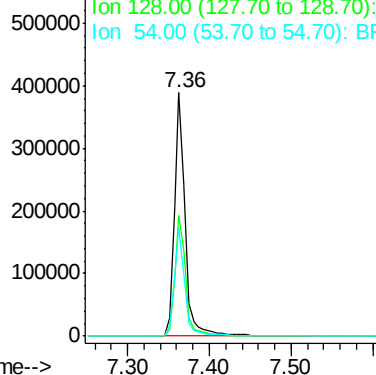


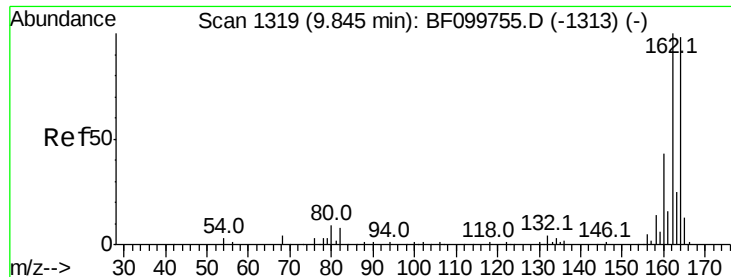
#23
Nitrobenzene-d5
Concen: 60.868 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099903.D
Acq: 28 Oct 2017 4:16

Tgt Ion:	82	Resp:	358548
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	44.3	41.4	62.2



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

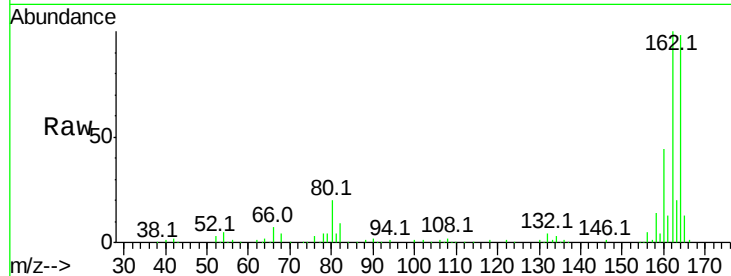




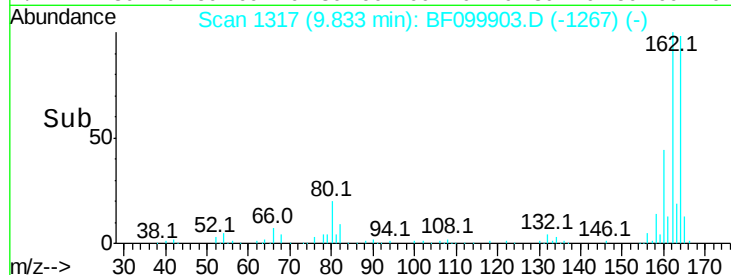
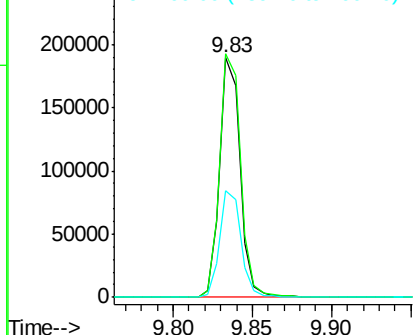
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099903.D
Acq: 28 Oct 2017 4:16

Instrument :
BNA_F
ClientSampleId :
ENV-118-3(15-20)

Tot Ion:164 Resp: 170349
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 44.8 38.3 57.5

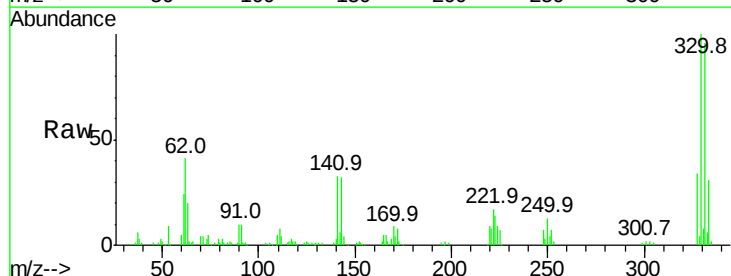


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

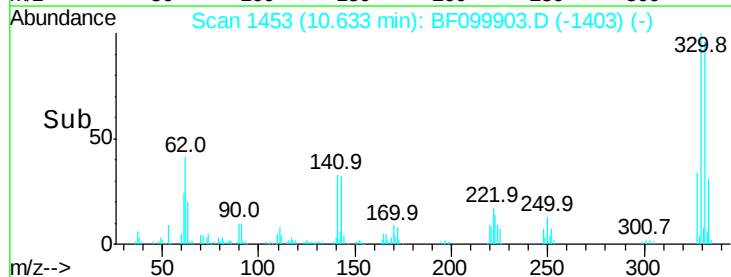
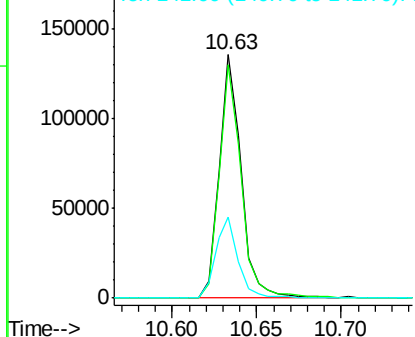


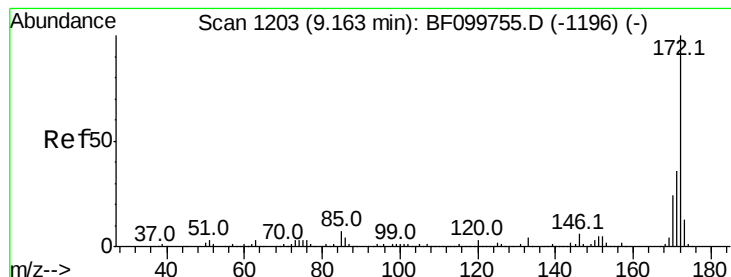
#41
2,4,6-Tribromophenol
Concen: 79.716 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099903.D
Acq: 28 Oct 2017 4:16

Tgt Ion:330 Resp: 123753
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 34.2 29.9 44.9



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: 63.797 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF099903.D

Acq: 28 Oct 2017 4:16

Instrument :

BNA_F

ClientSampleId :

ENV-118-3(15-20)

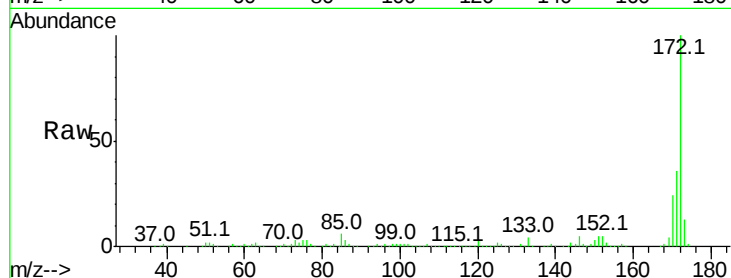
Tot Ion:172 Resp: 704400

Ion Ratio Lower Upper

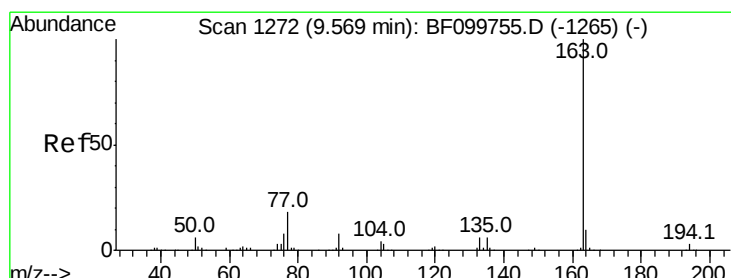
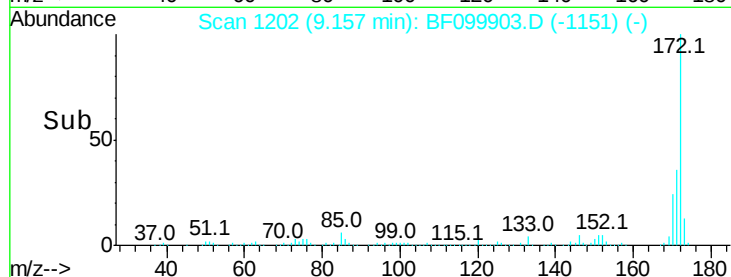
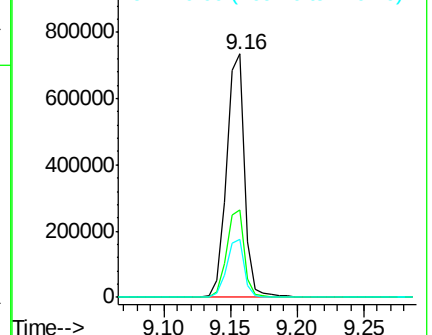
172 100

171 35.9 29.7 44.5

170 23.7 19.6 29.4



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



#49

Dimethylphthalate

Concen: 8.247 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF099903.D

Acq: 28 Oct 2017 4:16

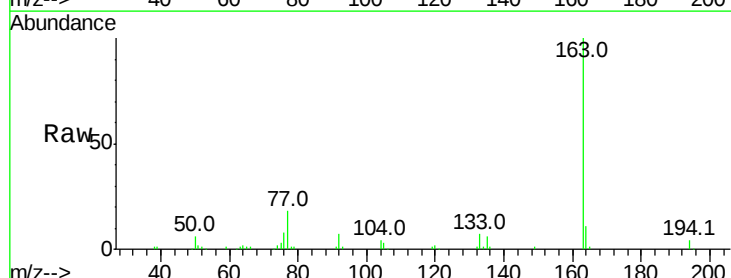
Tgt Ion:163 Resp: 111252

Ion Ratio Lower Upper

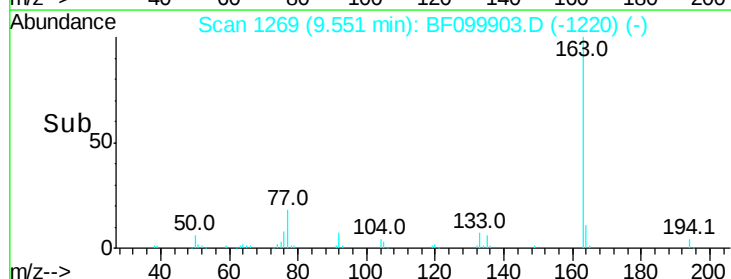
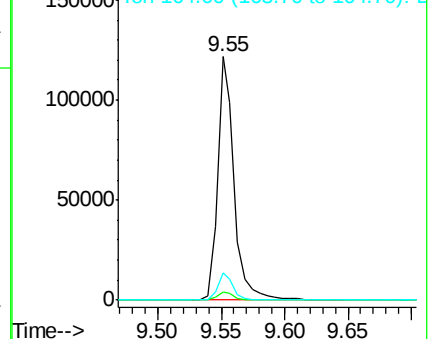
163 100

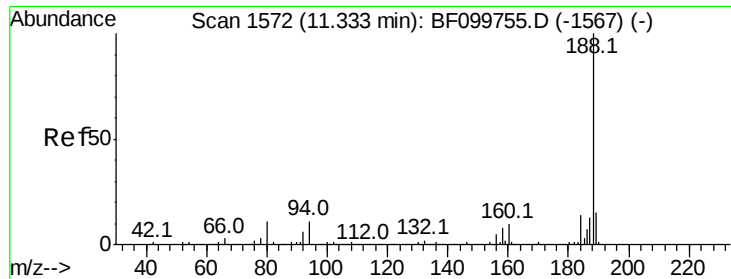
194 3.6 2.7 4.1

164 11.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

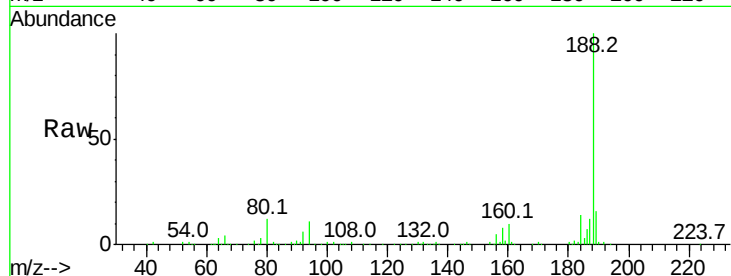




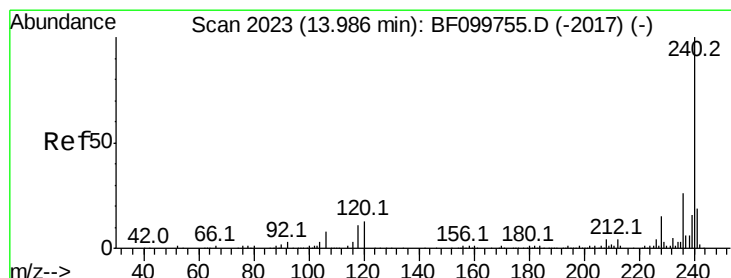
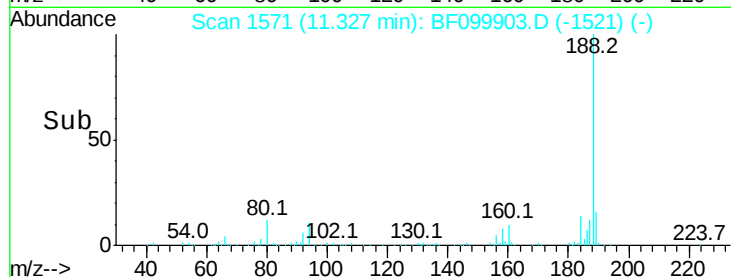
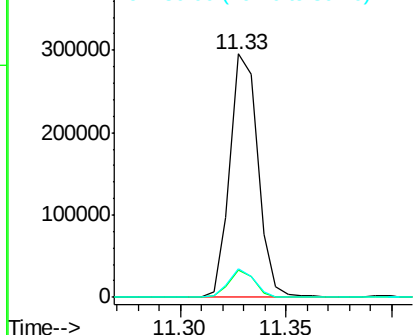
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF099903.D
Acq: 28 Oct 2017 4:16

Instrument :
BNA_F
ClientSampleId :
ENV-118-3(15-20)

Tot Ion:188 Resp: 271384
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.8 9.2 13.8

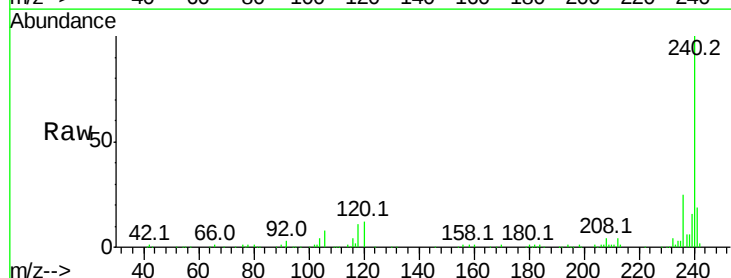


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

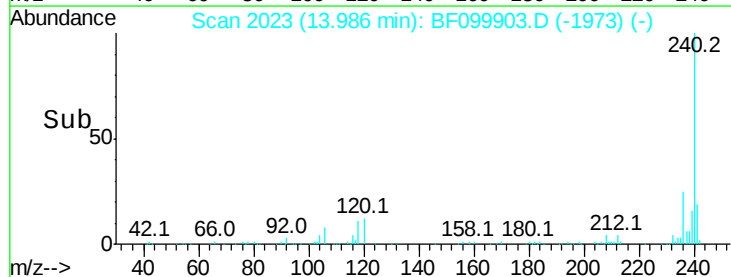
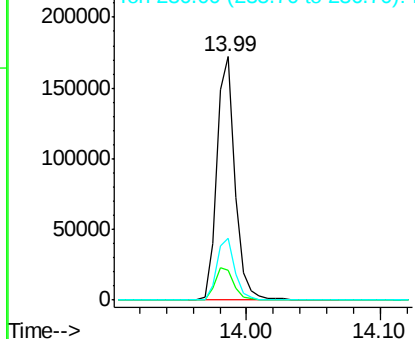


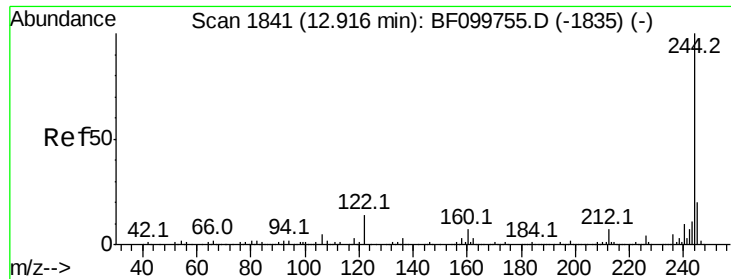
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099903.D
Acq: 28 Oct 2017 4:16

Tgt Ion:240 Resp: 165732
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.3 20.7 31.1



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

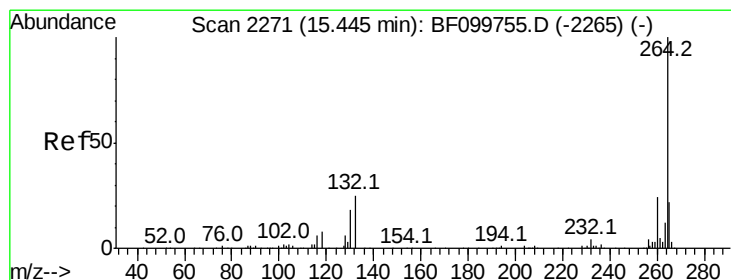
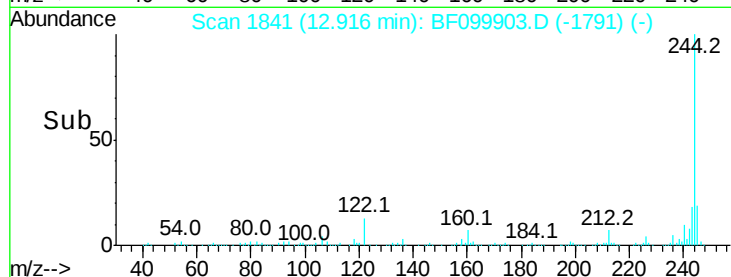
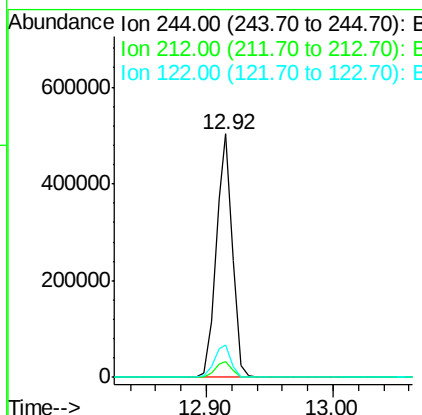
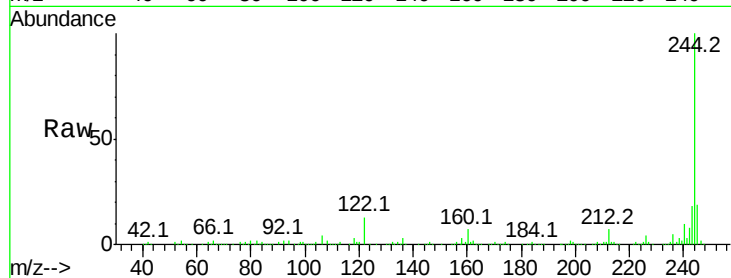




#78
 Terphenyl-d14
 Concen: 59.295 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099903.D
 Acq: 28 Oct 2017 4:16

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-3(15-20)

Tot Ion:244 Resp: 449673
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF099903.D
 Acq: 28 Oct 2017 4:16

Tgt Ion:264 Resp: 171048
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 17.5 26.3

