

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099915.D
 Acq On : 28 Oct 2017 14:16
 Operator : SJ/JU
 Sample : I6071-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-5(5-10)

Quant Time: Oct 30 02:38:51 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

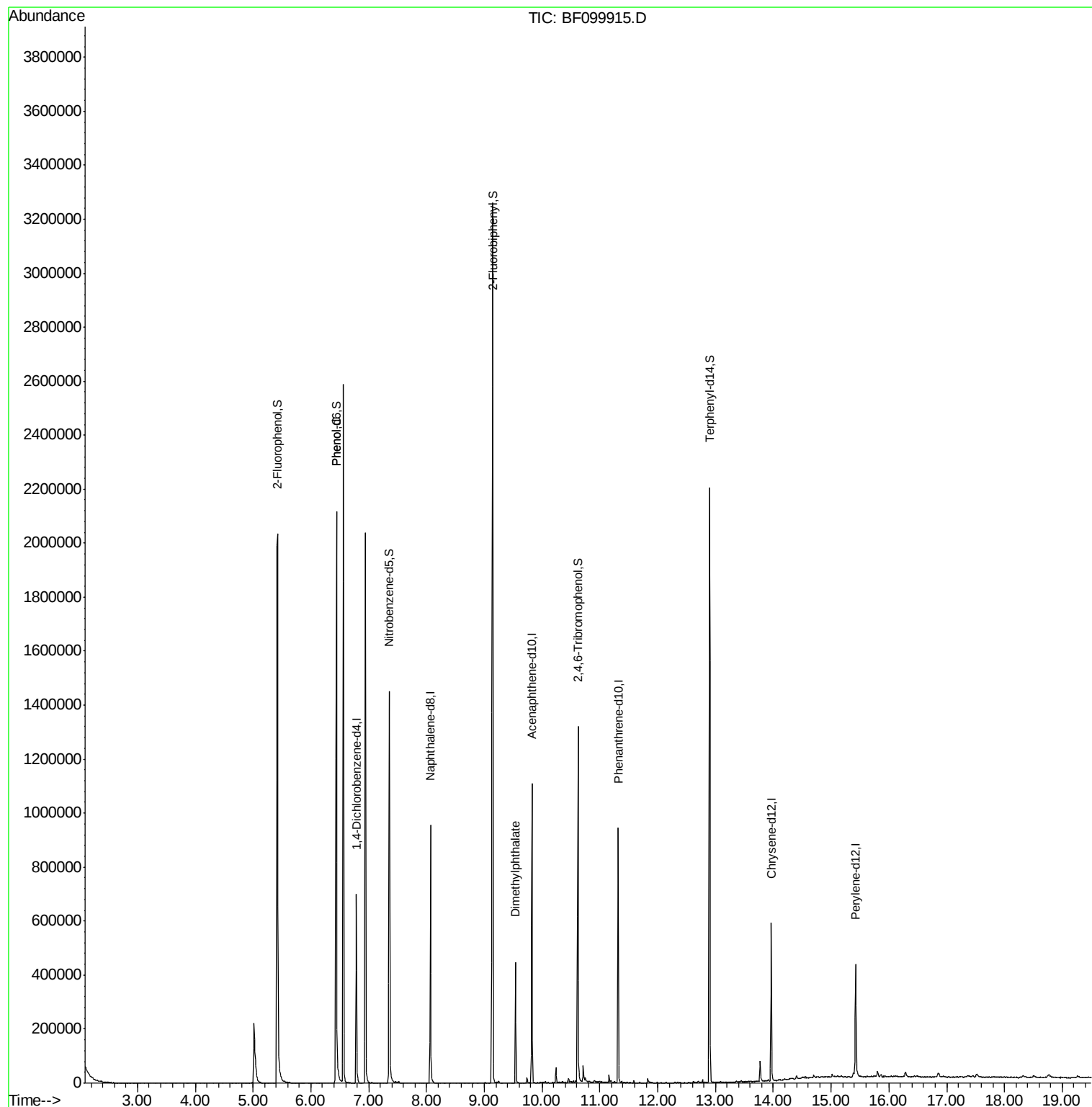
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111866	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	465503	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	212979	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	333118	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	187750	20.00	ng	-0.03
86) Perylene-d12	15.43	264	199876	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	807455	113.32	ng	0.00
7) Phenol-d6	6.44	99	975617	115.48	ng	0.00
23) Nitrobenzene-d5	7.36	82	581562	80.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	184093	94.85	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1161964	84.17	ng	-0.01
78) Terphenyl-d14	12.90	244	760653	88.54	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	23285	2.510	ng	Qvalue # 47
49) Dimethylphthalate	9.54	163	183429	10.876	ng	100

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

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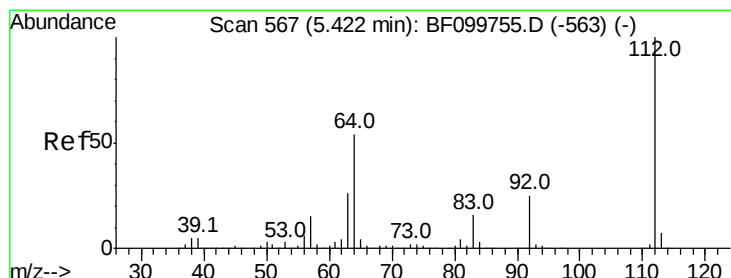
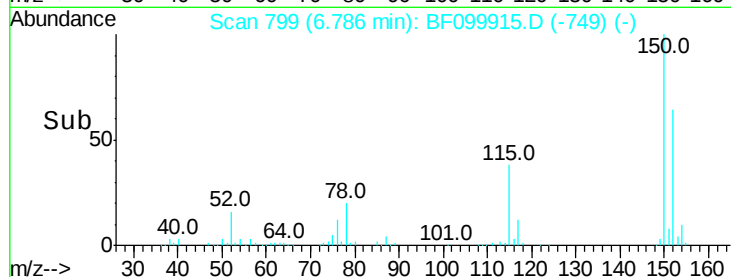
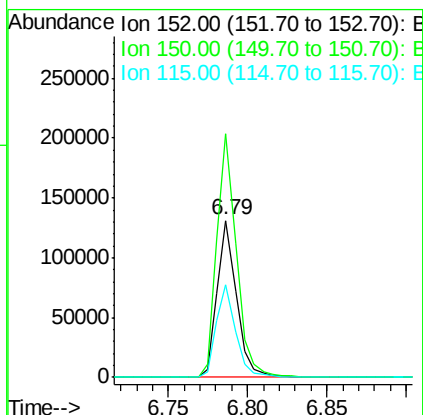
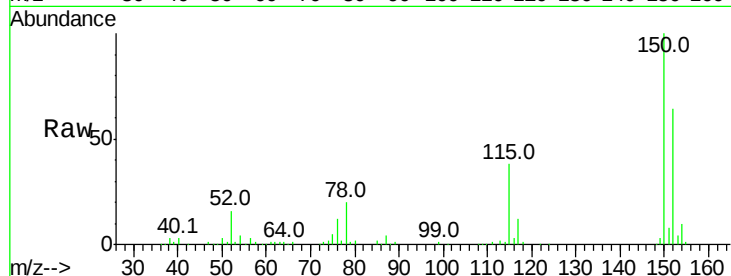


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099915.D
 Acq: 28 Oct 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-5(5-10)

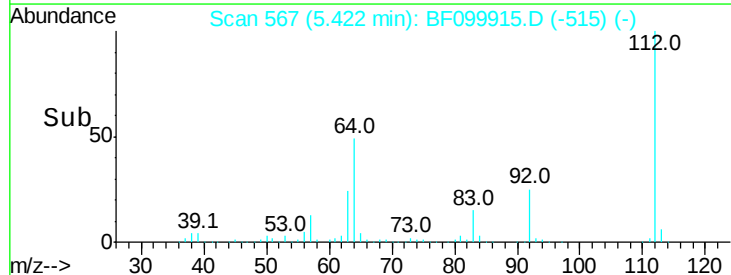
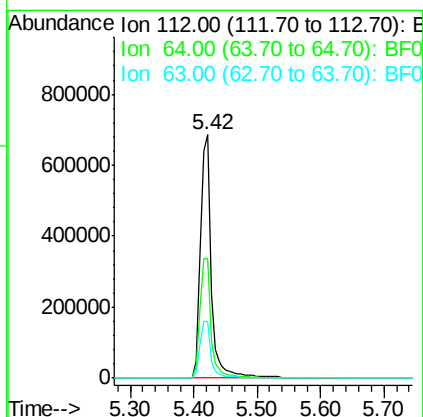
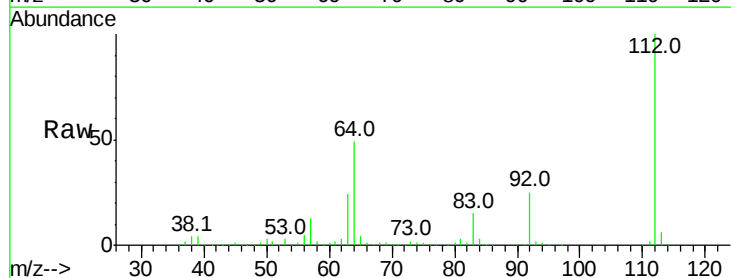
Tot Ion:152 Resp: 111866
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 59.0 50.1 75.1

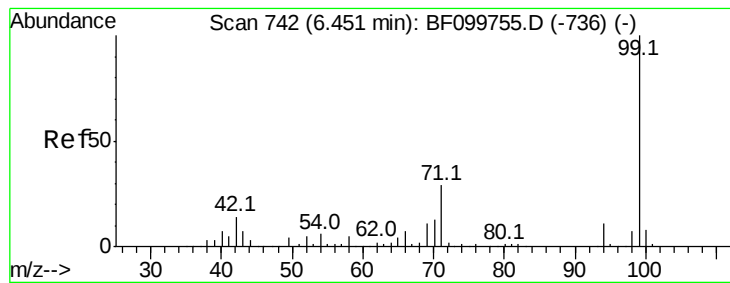


#5

2-Fluorophenol
 Concen: 113.321 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF099915.D
 Acq: 28 Oct 2017 14:16

Tgt Ion:112 Resp: 807455
 Ion Ratio Lower Upper
 112 100
 64 49.0 47.9 71.9
 63 23.5 23.7 35.5#





#7

Phenol-d6

Concen: 115.475 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(5-10)

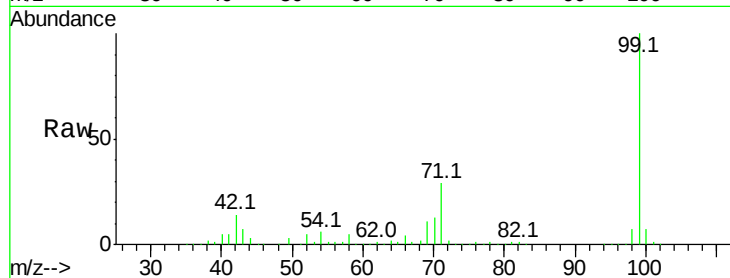
Tot Ion: 99 Resp: 975617

Ion Ratio Lower Upper

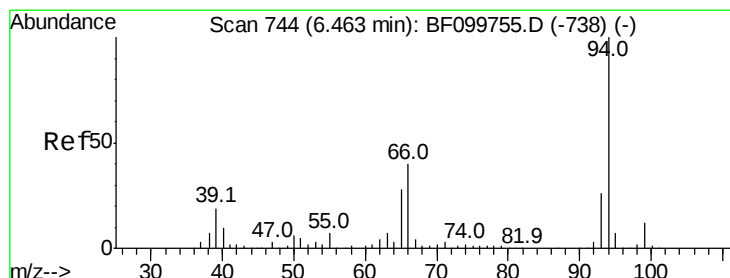
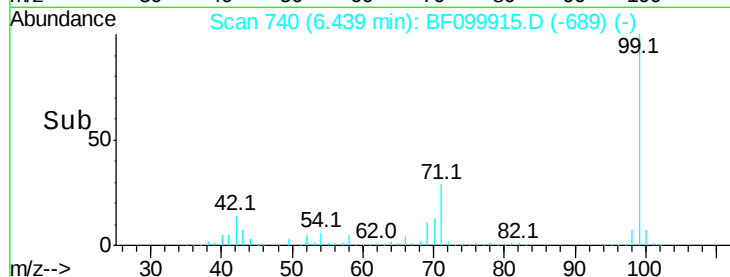
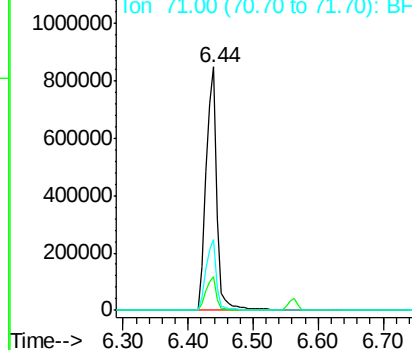
99 100

42 13.8 14.5 21.7#

71 29.2 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: 2.510 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

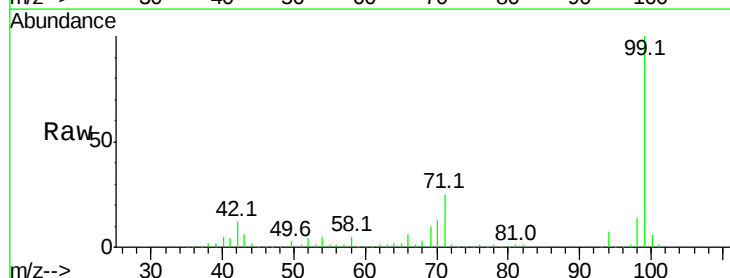
Tgt Ion: 94 Resp: 23285

Ion Ratio Lower Upper

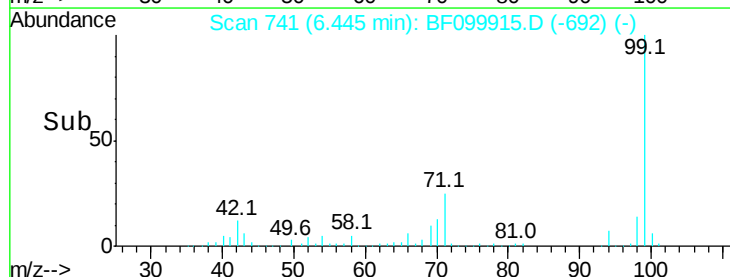
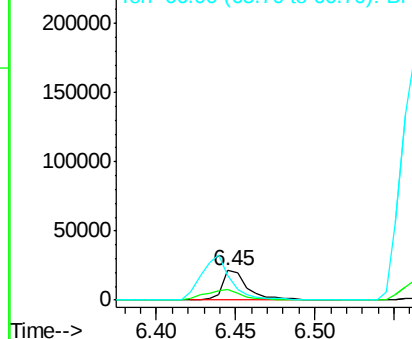
94 100

65 36.5 7.9 47.9

66 83.8 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# 1017

Delta R.T. -0.01 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(5-10)

Tot Ion:136 Resp: 465503

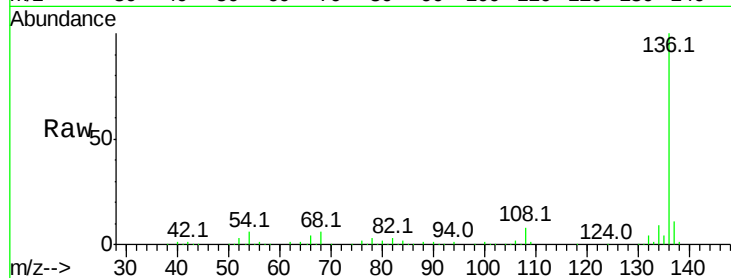
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.2 6.6 9.8#

68 5.6 5.0 7.4

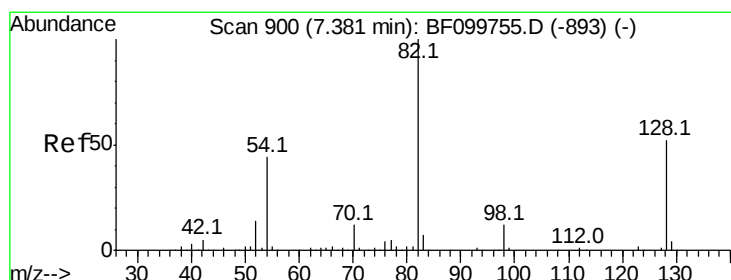
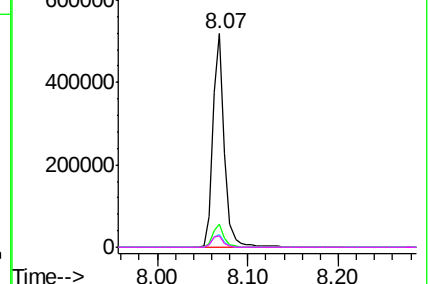
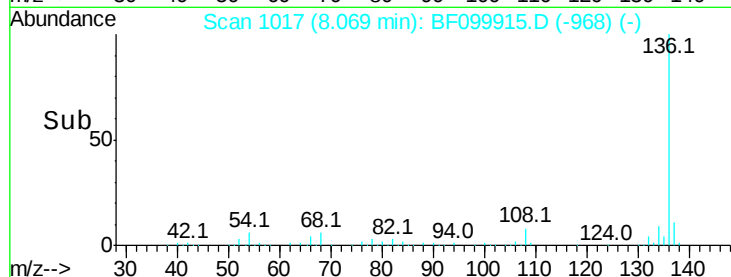


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.432 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

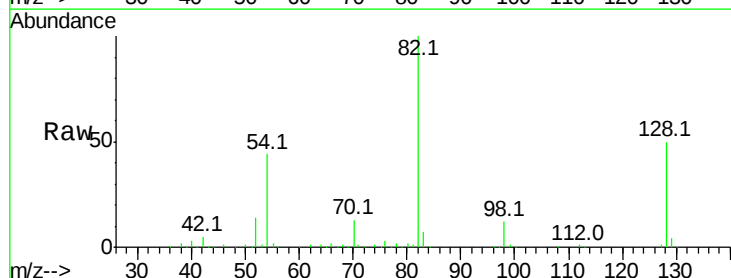
Tgt Ion: 82 Resp: 581562

Ion Ratio Lower Upper

82 100

128 50.4 36.1 54.1

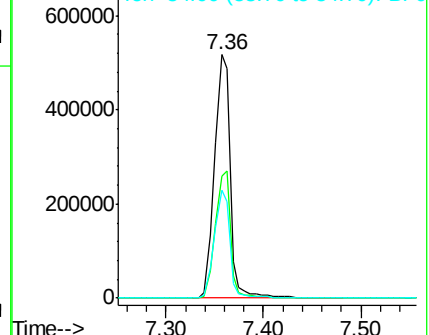
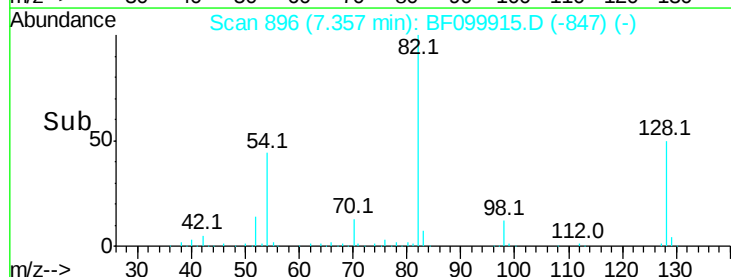
54 44.5 41.4 62.2



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

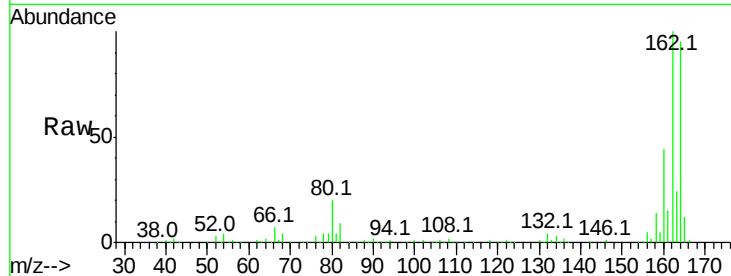




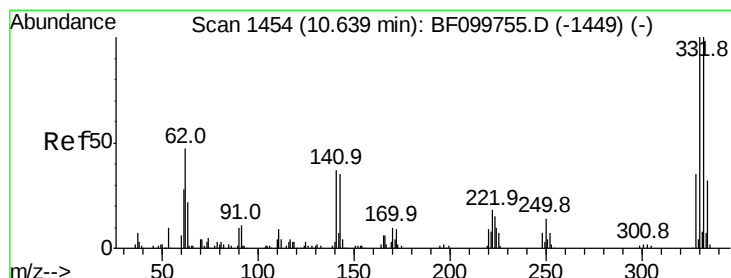
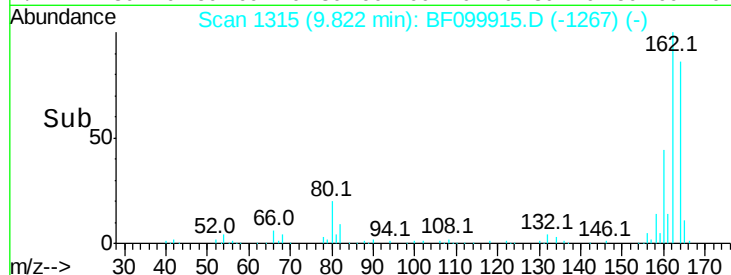
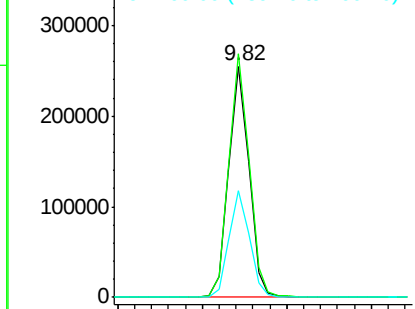
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099915.D
 Acq: 28 Oct 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-5(5-10)

Tot Ion:164 Resp: 212979
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 46.0 38.3 57.5

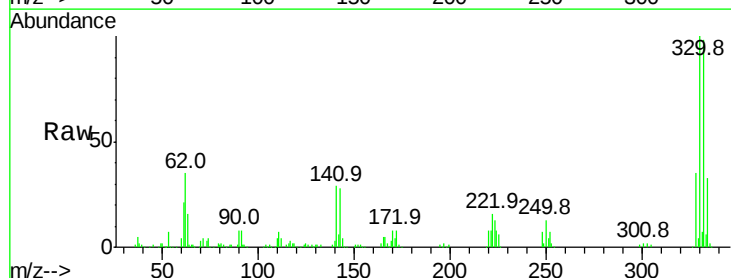


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

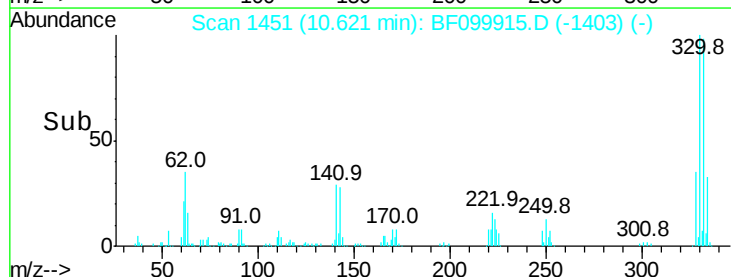
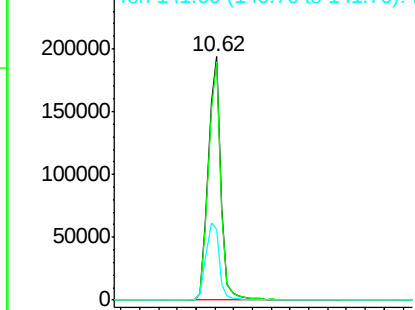


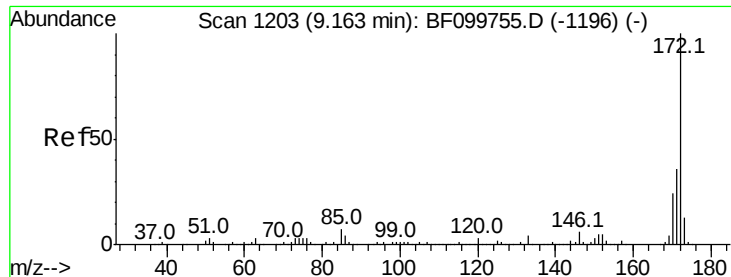
#41
 2,4,6-Tribromophenol
 Concen: 94.849 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099915.D
 Acq: 28 Oct 2017 14:16

Tgt Ion:330 Resp: 184093
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.7 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



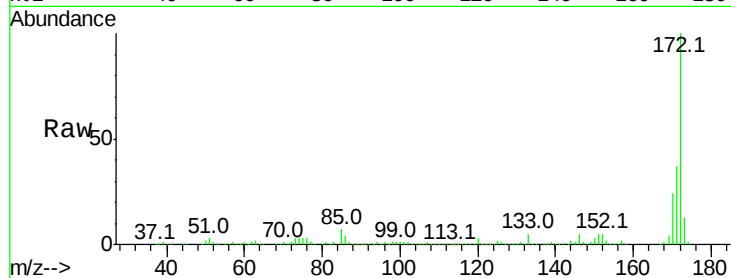


#44
2-Fluorobiphenyl
Concen: 84.174 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

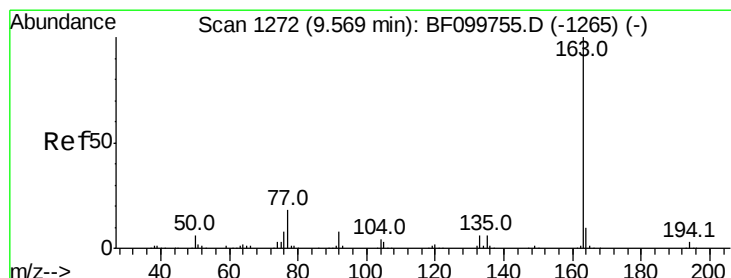
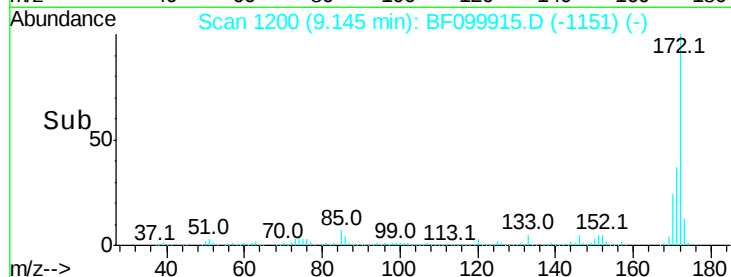
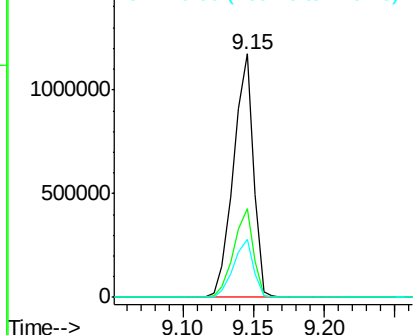
Instrument :
BNA_F
ClientSampleId :
ENV-116-5(5-10)

Tot Ion:172 Resp: 1161964

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.8	19.6	29.4



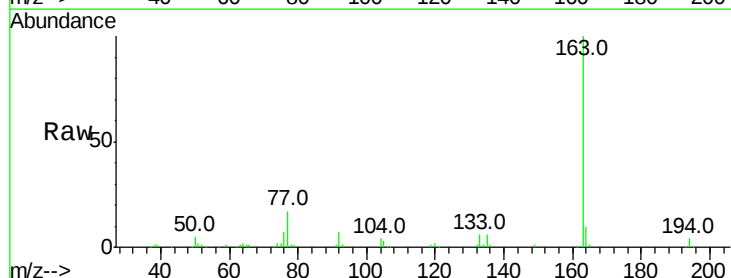
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



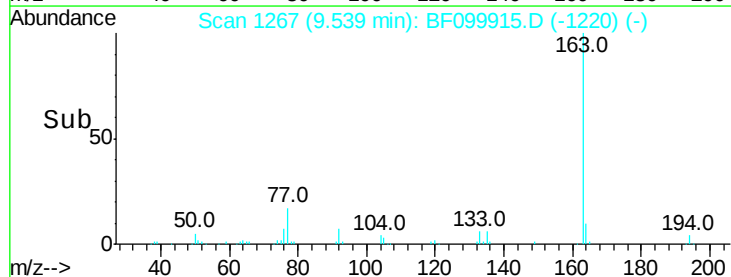
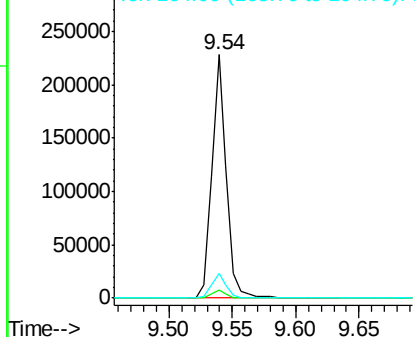
#49
Dimethylphthalate
Concen: 10.876 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

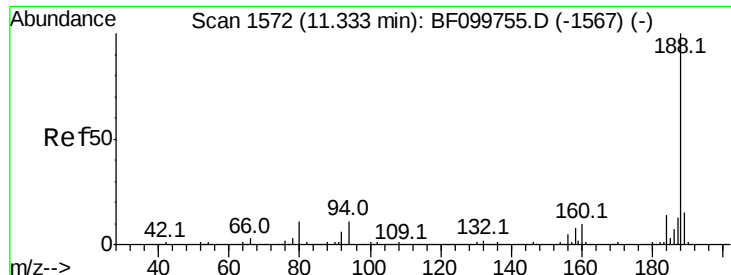
Tgt Ion:163 Resp: 183429

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	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

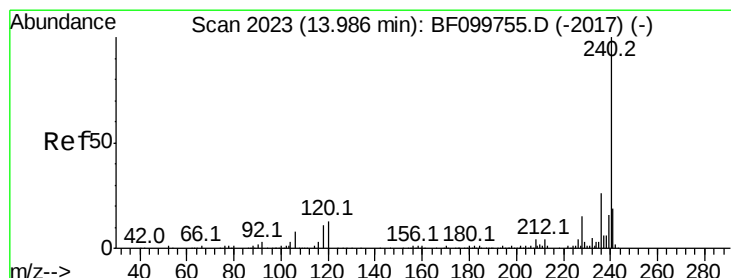
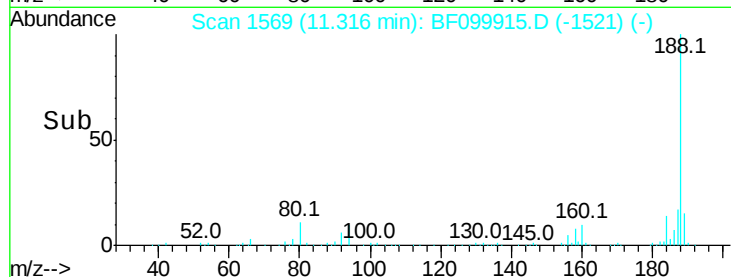
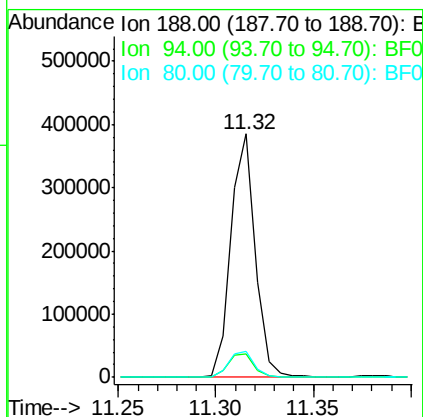
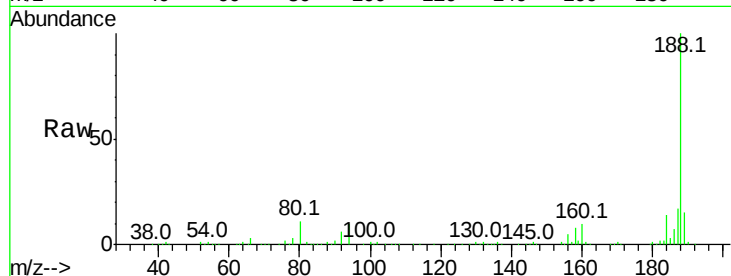




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

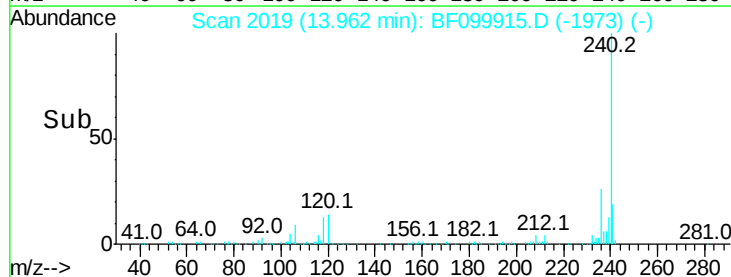
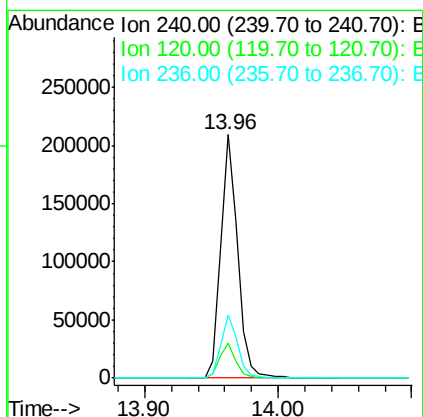
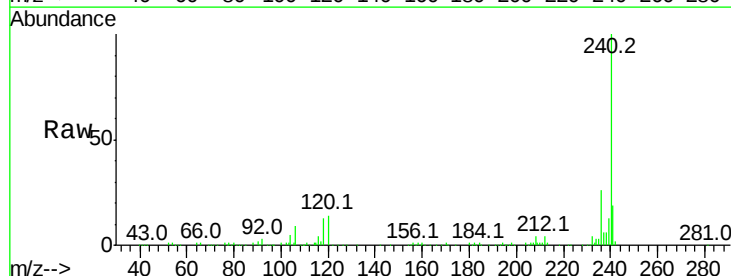
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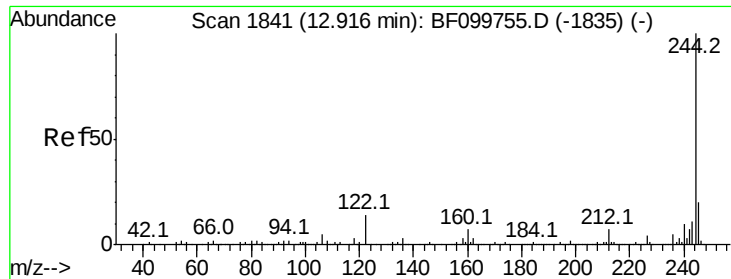
Tot Ion:188 Resp: 333118
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099915.D
Acq: 28 Oct 2017 14:16

Tgt Ion:240 Resp: 187750
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 88.538 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(5-10)

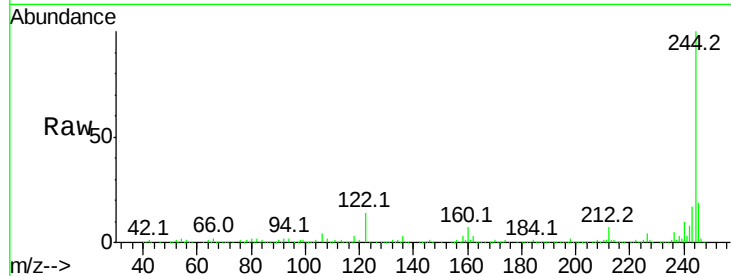
Tot Ion:244 Resp: 760653

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

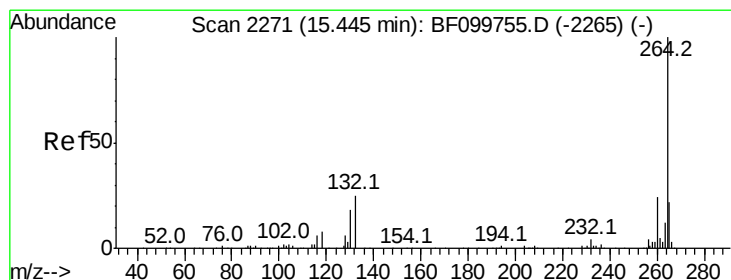
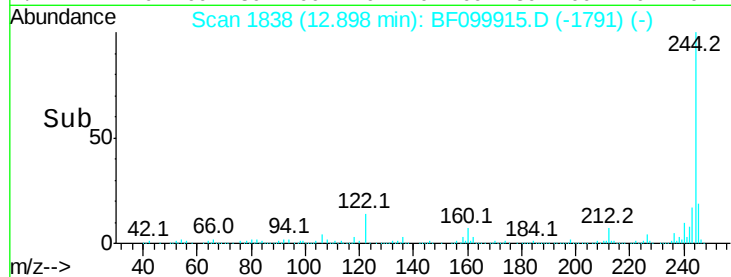
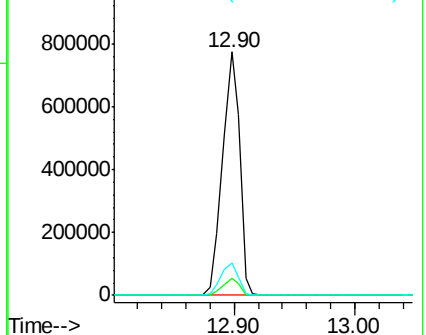
122 13.5 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF099915.D

Acq: 28 Oct 2017 14:16

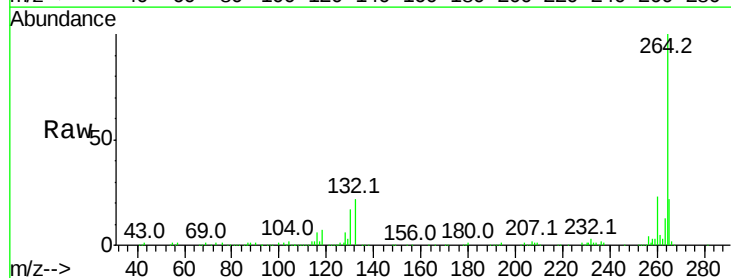
Tgt Ion:264 Resp: 199876

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.6 17.5 26.3



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

