

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099266.D
 Acq On : 9 Oct 2017 17:01
 Operator : SJ/JU
 Sample : I5651-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(5-10)

Quant Time: Oct 10 01:20:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

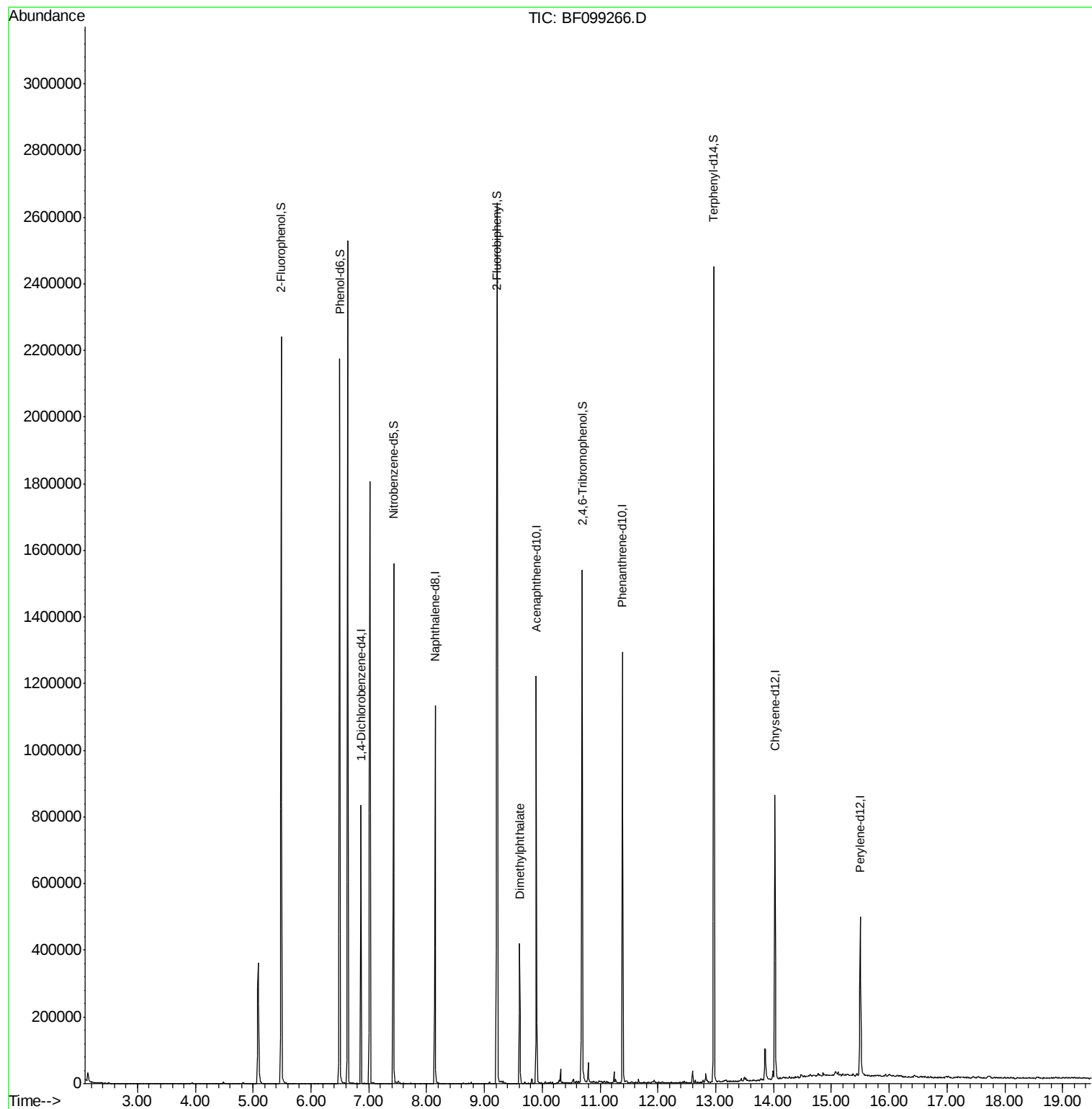
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119805	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	508545	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	235484	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	424772	20.00	ng	0.00
75) Chrysene-d12	14.03	240	272488	20.00	ng	0.00
86) Perylene-d12	15.50	264	217528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	673261	89.46	ng	0.00
7) Phenol-d6	6.50	99	853217	91.90	ng	0.00
23) Nitrobenzene-d5	7.43	82	508806	64.16	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	191064	99.16	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	955089	67.71	ng	0.00
78) Terphenyl-d14	12.97	244	817655	68.24	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	161621	9.094	ng	99

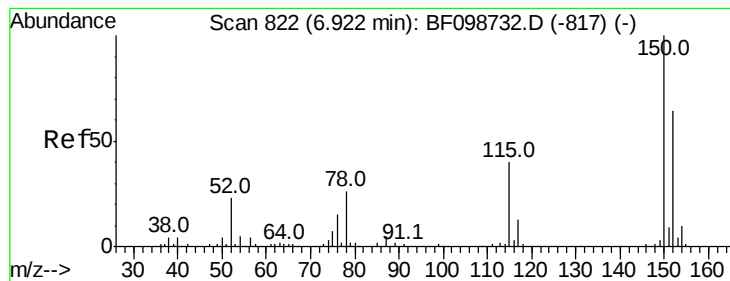
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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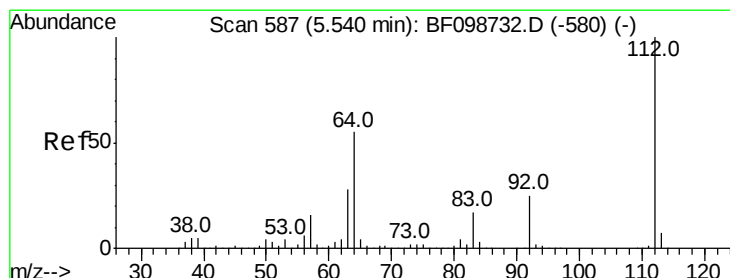
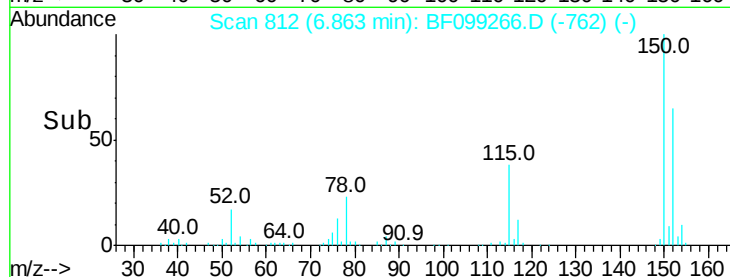
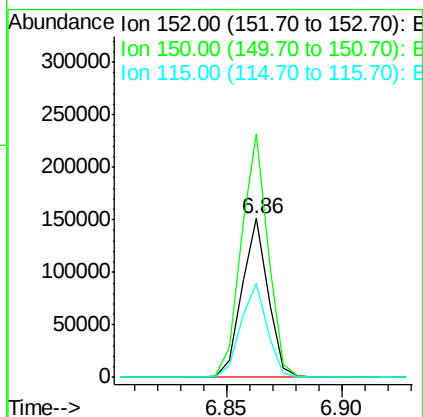
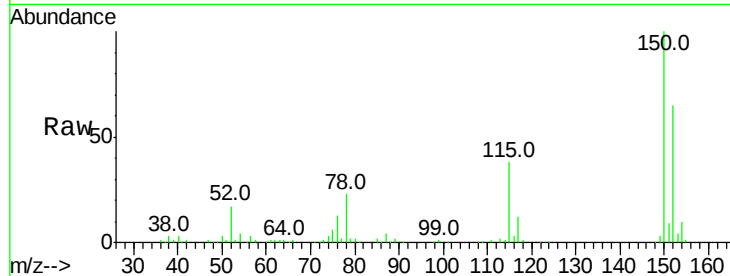


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(5-10)

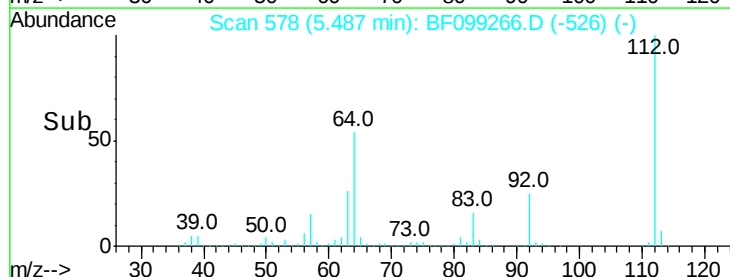
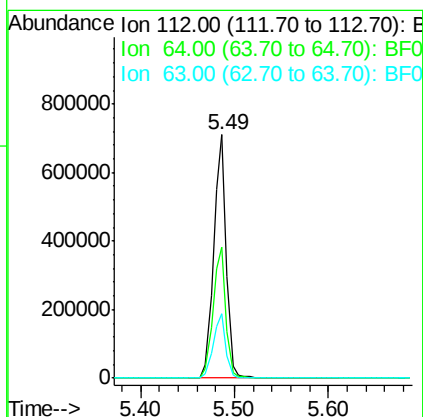
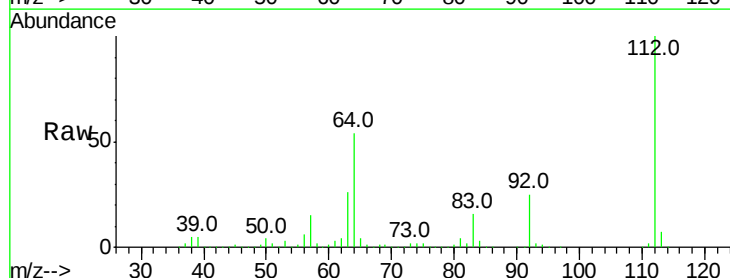
Tot Ion:152 Resp: 119805
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 186.8
 115 58.8 50.1 75.1

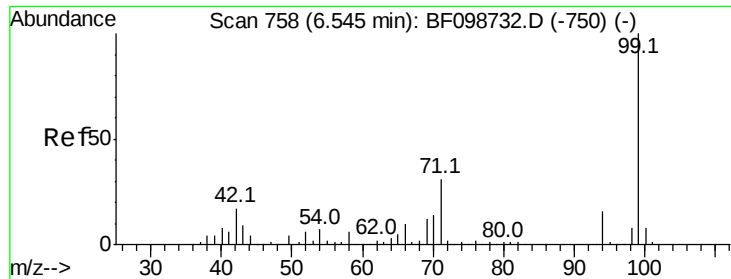


#5

2-Fluorophenol
 Concen: 89.459 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

Tgt Ion:112 Resp: 673261
 Ion Ratio Lower Upper
 112 100
 64 53.9 47.9 71.9
 63 26.2 23.7 35.5





#7

Phenol-d6

Concen: 91.901 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099266.D

Acq: 9 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(5-10)

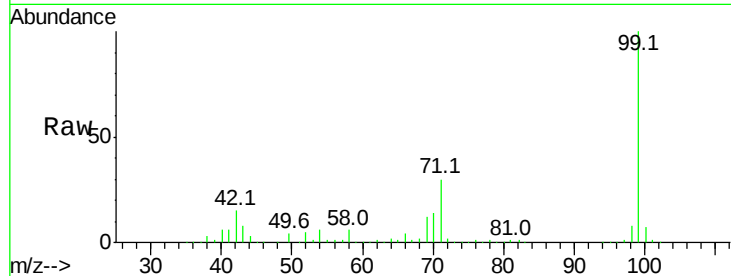
Tot Ion: 99 Resp: 853217

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

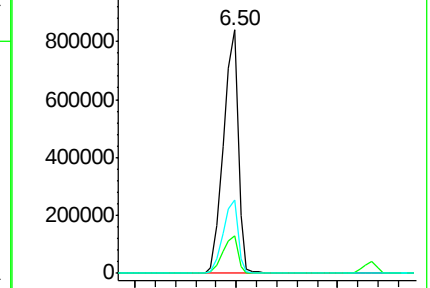
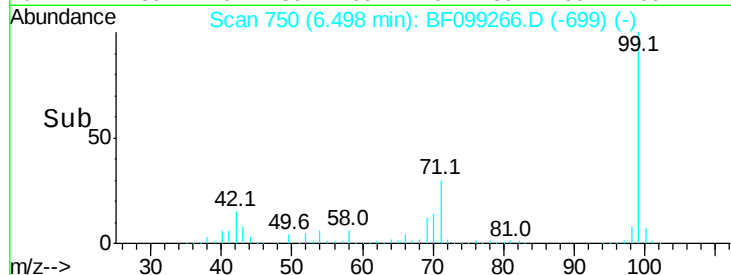
71 30.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099266.D

Acq: 9 Oct 2017 17:01

Tgt Ion: 136 Resp: 508545

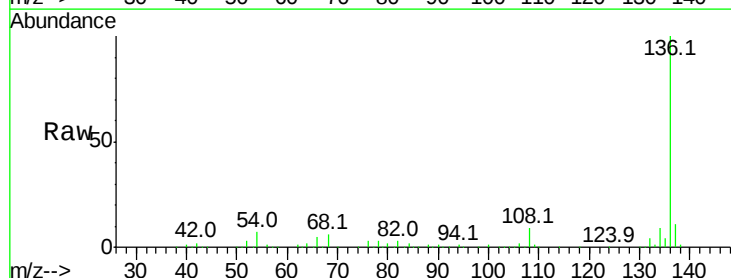
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

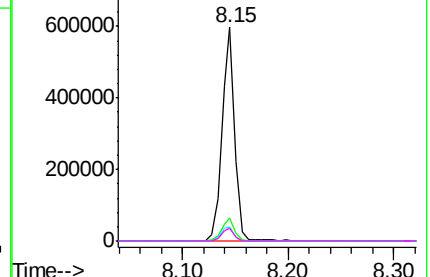
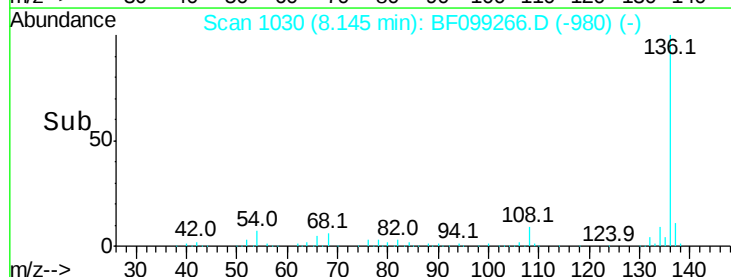


Abundance Ion 136.00 (135.70 to 136.70): E

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

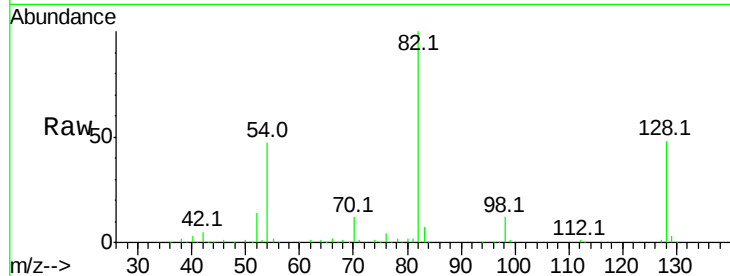




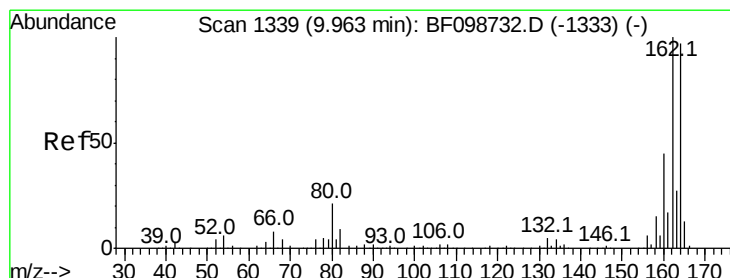
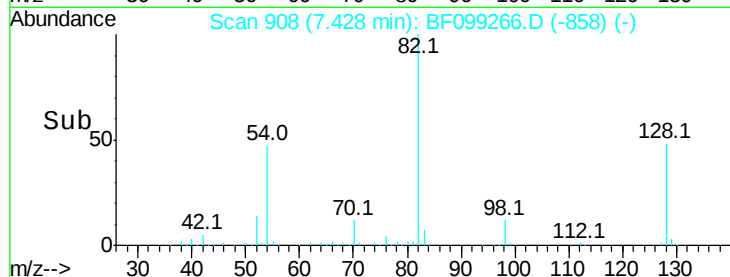
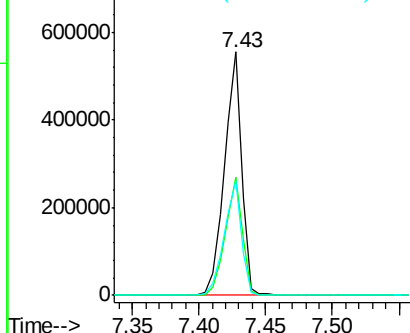
#23
 Nitrobenzene-d5
 Concen: 64.163 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(5-10)

Tot Ion	82	Resp	508806
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	46.9	41.4	62.2

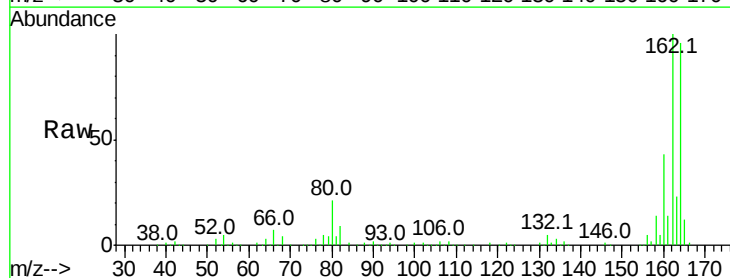


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

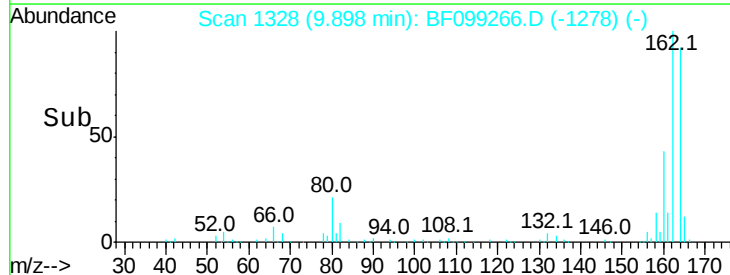
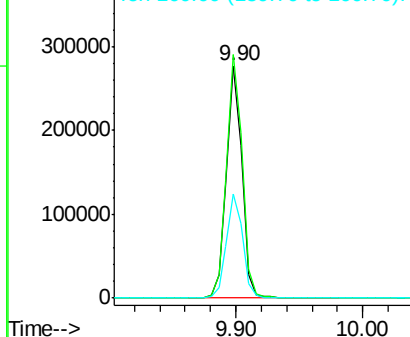


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

Tgt Ion	164	Resp	235484
Ion Ratio	Lower	Upper	
164	100		
162	104.7	86.1	129.1
160	45.0	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

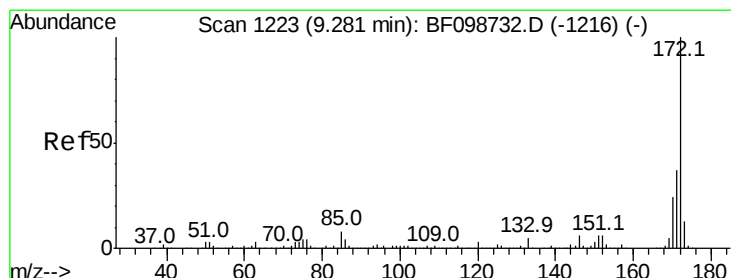
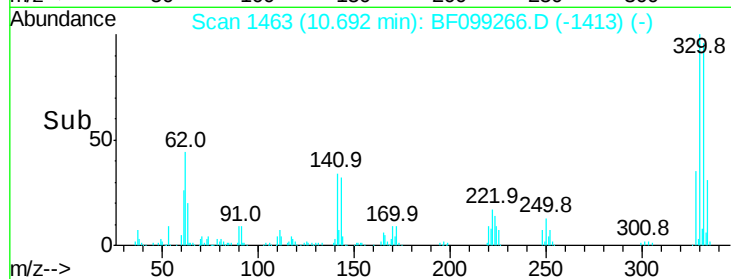
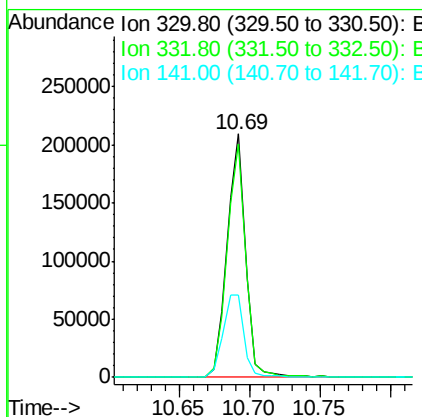
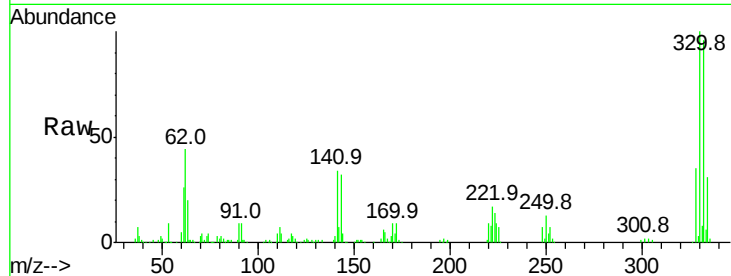




#41
 2,4,6-Tribromophenol
 Concen: 99.156 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

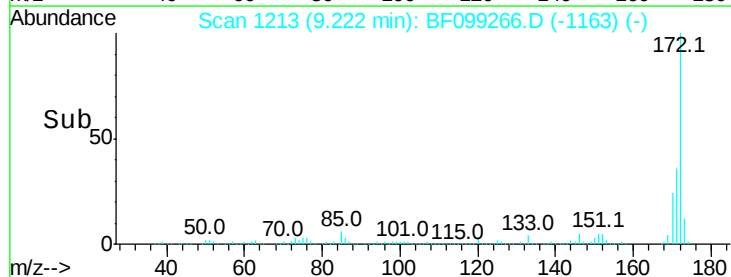
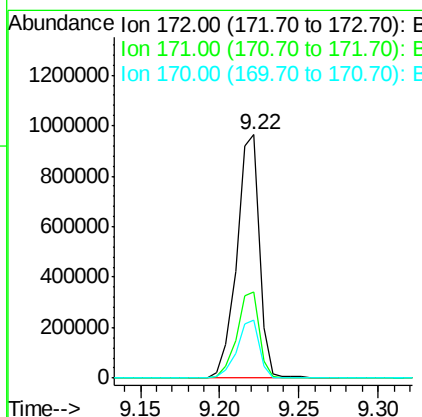
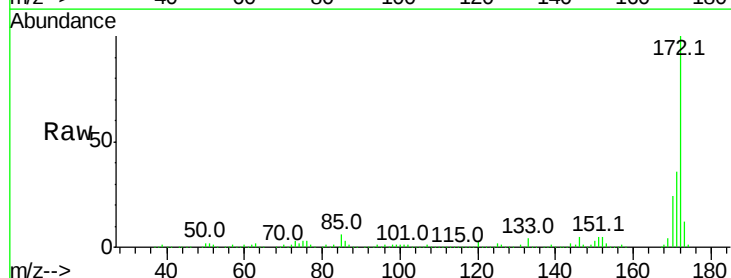
Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(5-10)

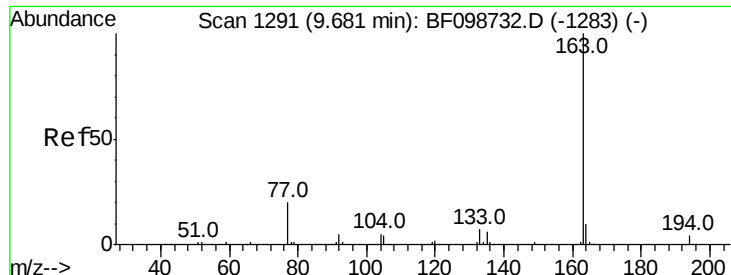
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	39.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 67.709 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4

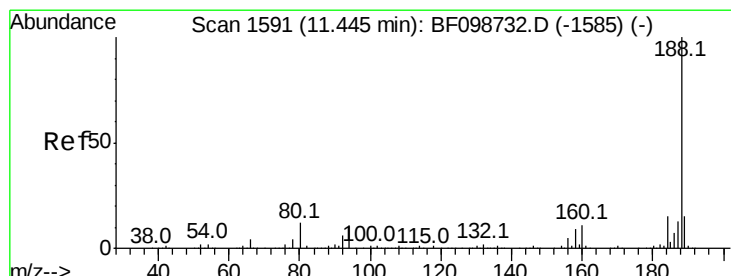
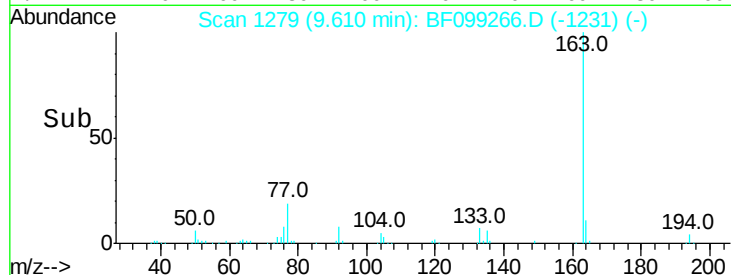
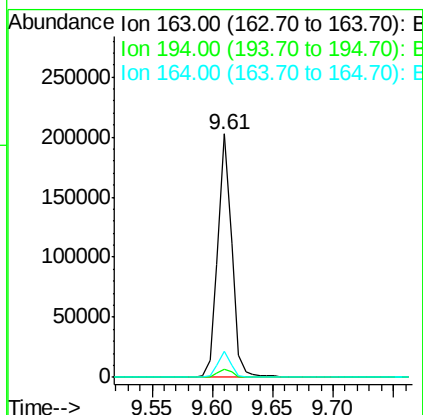
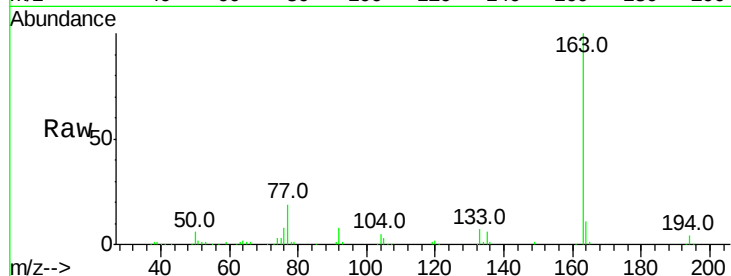




#49
Dimethylphthalate
Concen: 9.094 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099266.D
Acq: 9 Oct 2017 17:01

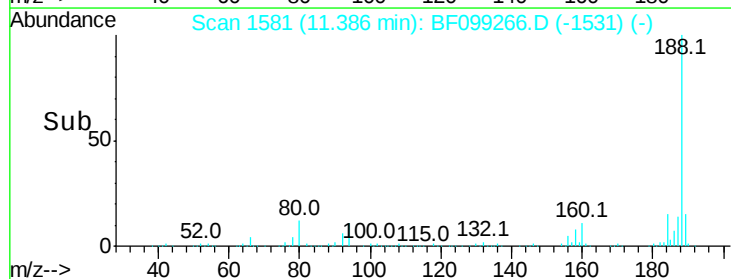
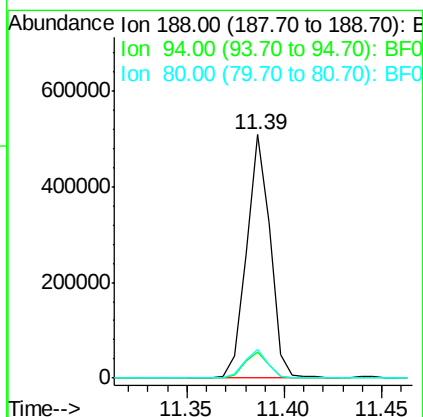
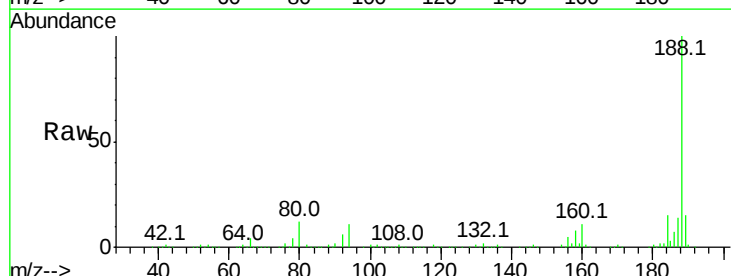
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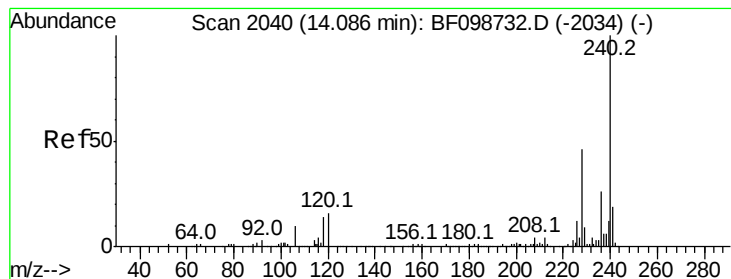
Tot Ion:163 Resp: 161621
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099266.D
Acq: 9 Oct 2017 17:01

Tgt Ion:188 Resp: 424772
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099266.D

Acq: 9 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(5-10)

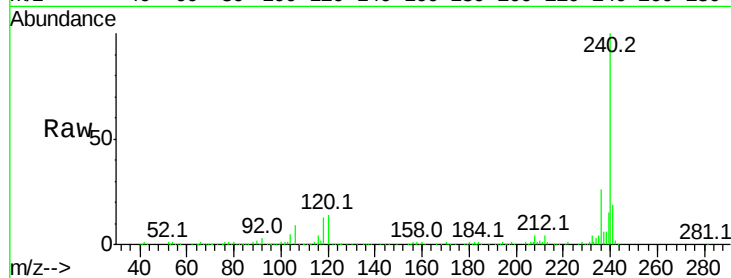
Tot Ion:240 Resp: 272488

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

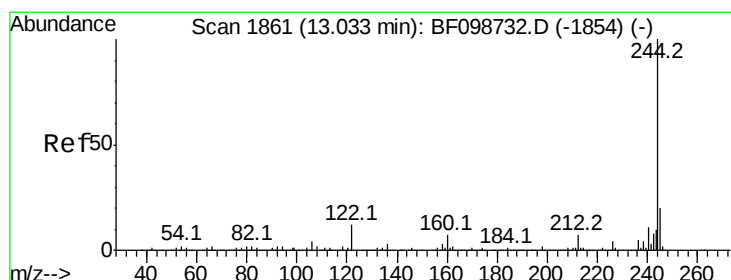
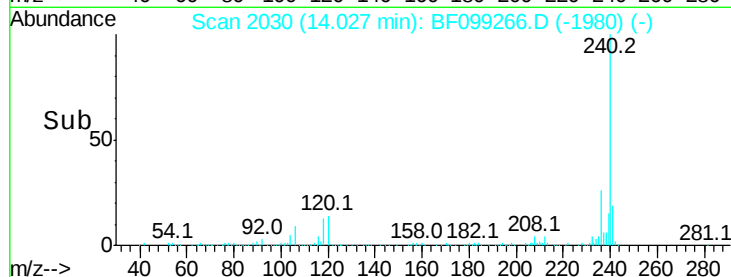
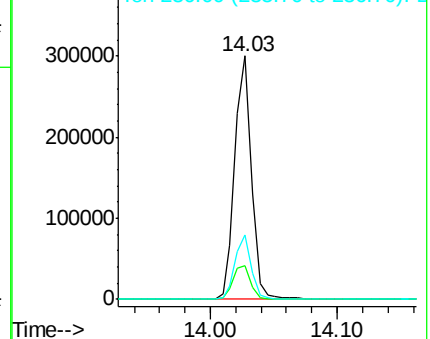
236 26.2 20.7 31.1



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: 68.242 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099266.D

Acq: 9 Oct 2017 17:01

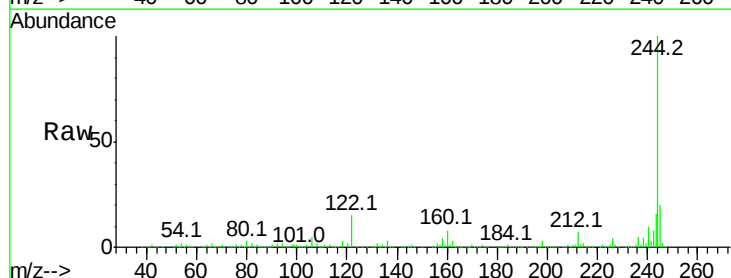
Tgt Ion:244 Resp: 817655

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

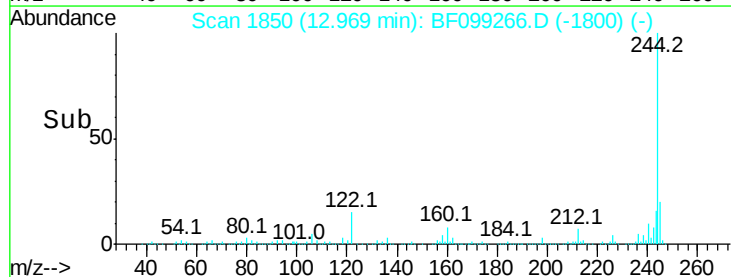
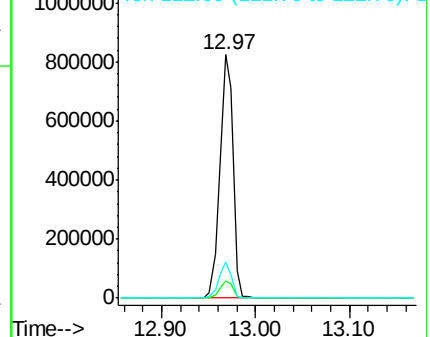
122 14.7 11.0 16.4



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

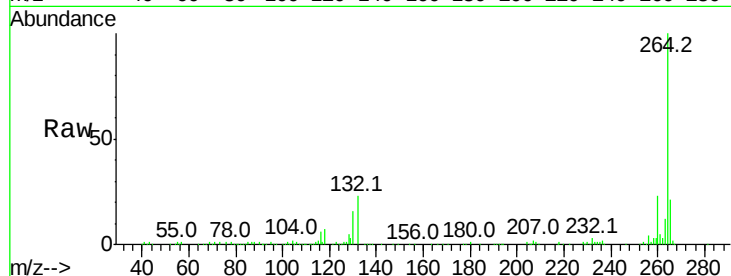




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(5-10)

Tot Ion:264 Resp: 217528
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.1 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

