

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099271.D
 Acq On : 9 Oct 2017 19:19
 Operator : SJ/JU
 Sample : I5651-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(15-20)

Quant Time: Oct 10 01:44:15 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

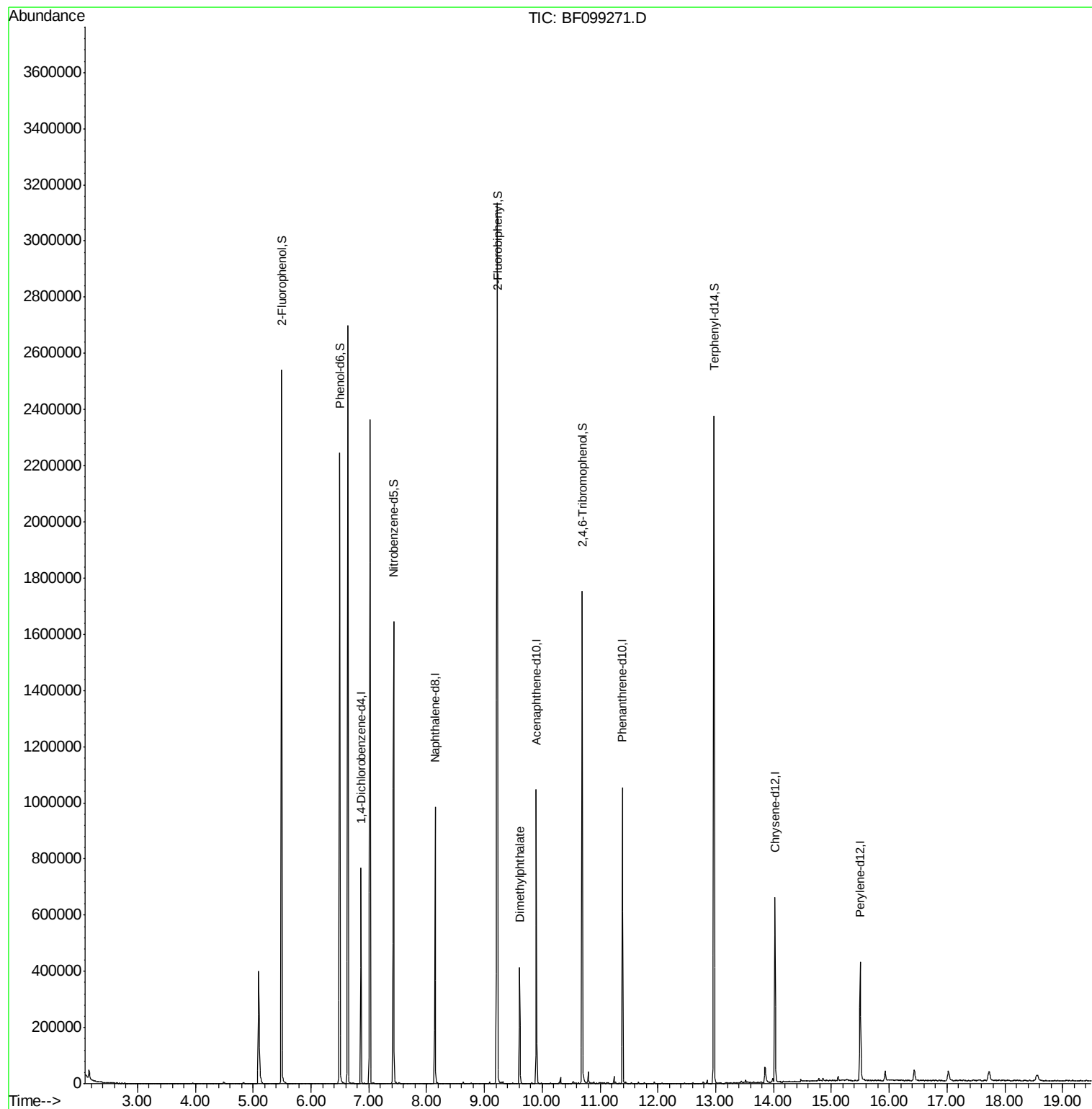
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104242	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	439855	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	201623	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	352877	20.00	ng	0.00
75) Chrysene-d12	14.03	240	214401	20.00	ng	0.00
86) Perylene-d12	15.50	264	191055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	825646	126.09	ng	0.01
7) Phenol-d6	6.50	99	1011703	125.24	ng	0.00
23) Nitrobenzene-d5	7.43	82	599653	87.43	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	223652	135.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1074666	88.98	ng	0.00
78) Terphenyl-d14	12.97	244	869075	92.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	157653	10.360	ng	99

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

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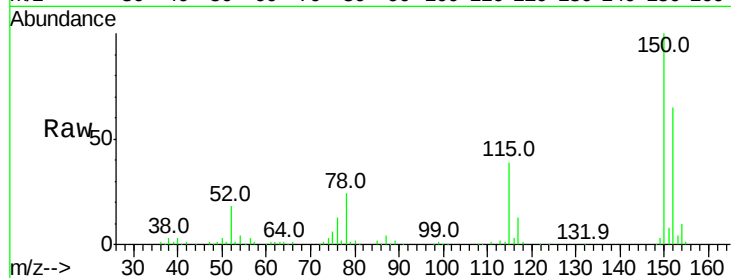


#1

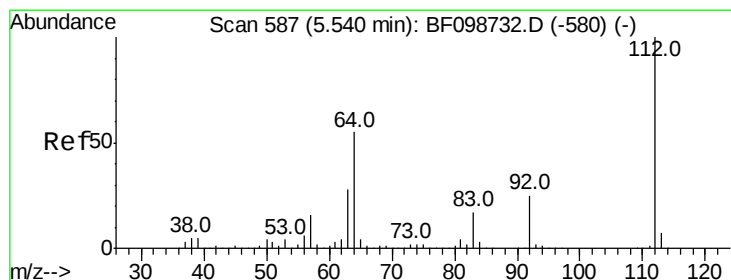
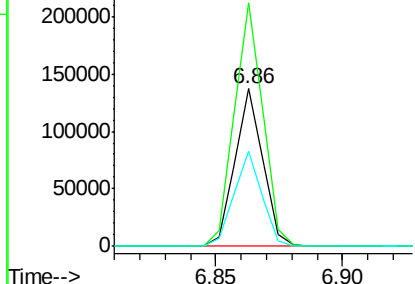
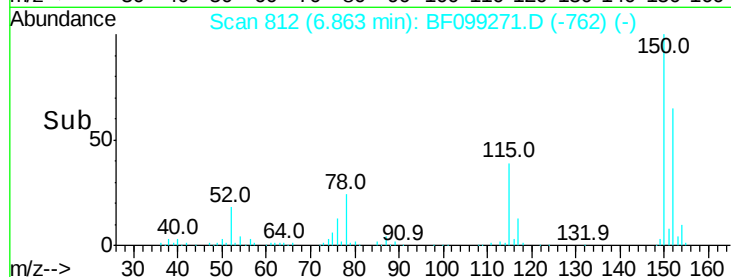
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(15-20)

Tot Ion:152 Resp: 104242
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 60.2 50.1 75.1



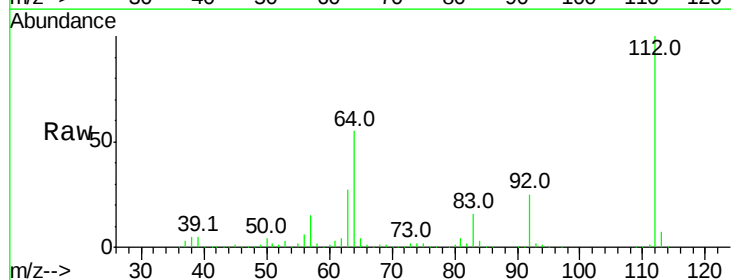
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



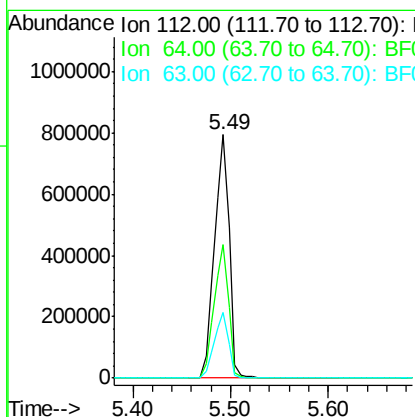
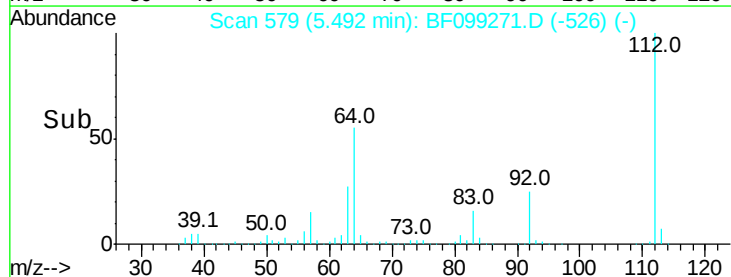
#5

2-Fluorophenol
 Concen: 126.086 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

Tgt Ion:112 Resp: 825646
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.9 71.9
 63 26.8 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: 125.241 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099271.D

Acq: 9 Oct 2017 19:19

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(15-20)

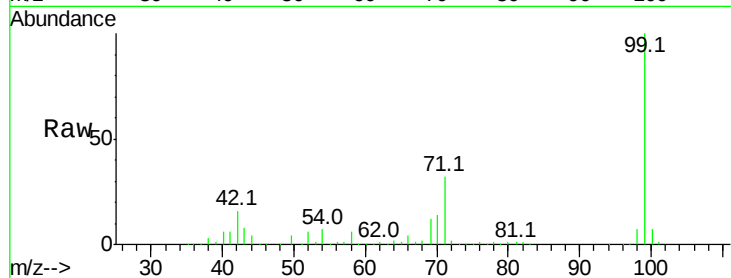
Tot Ion: 99 Resp: 1011703

Ion Ratio Lower Upper

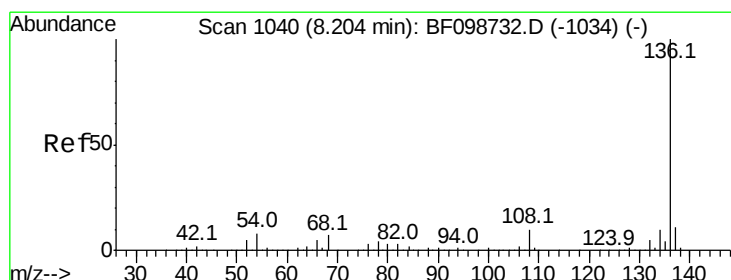
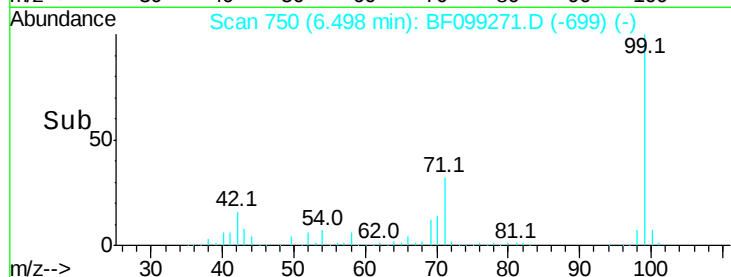
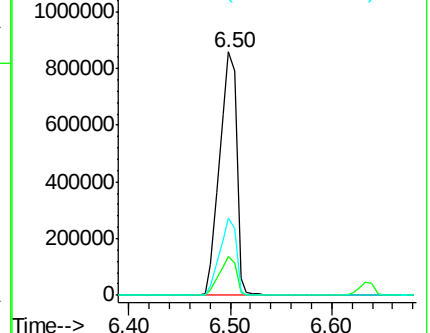
99 100

42 15.7 14.5 21.7

71 31.5 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: BF099271.D

Acq: 9 Oct 2017 19:19

Tgt Ion:136 Resp: 439855

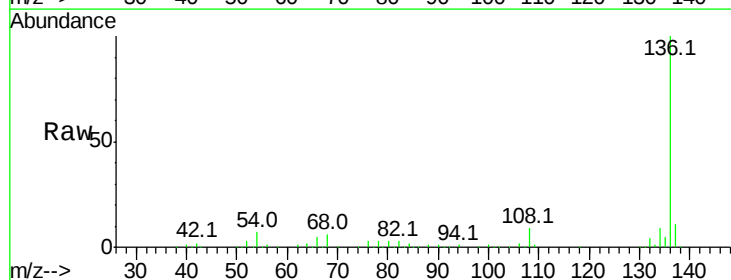
Ion Ratio Lower Upper

136 100

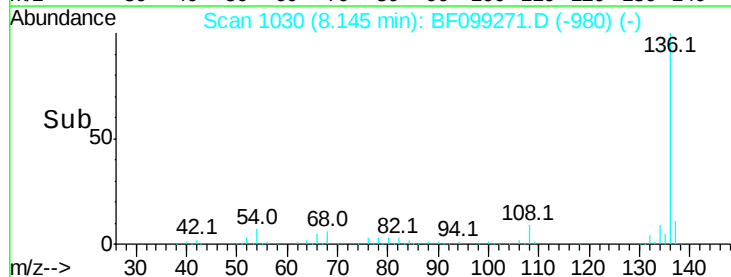
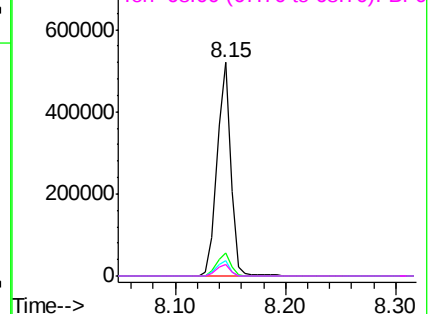
137 10.9 8.9 13.3

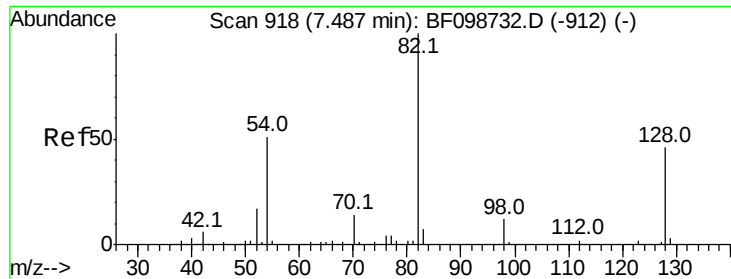
54 6.9 6.6 9.8

68 5.7 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

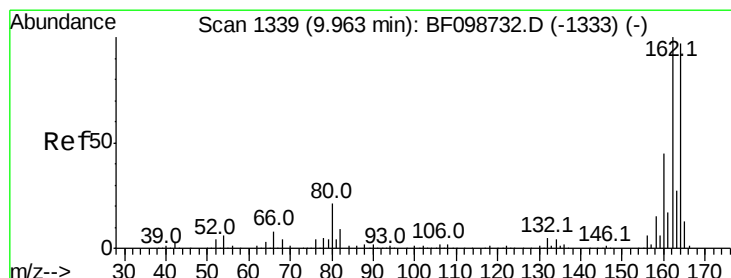
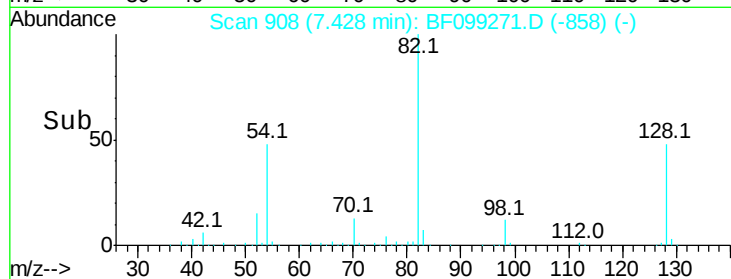
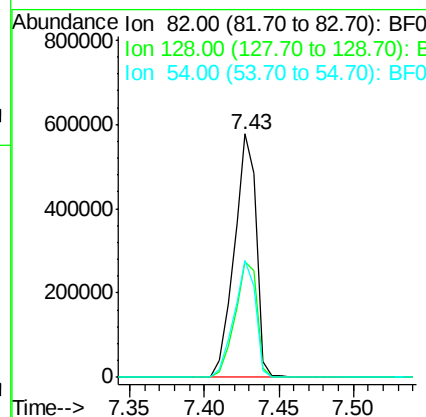
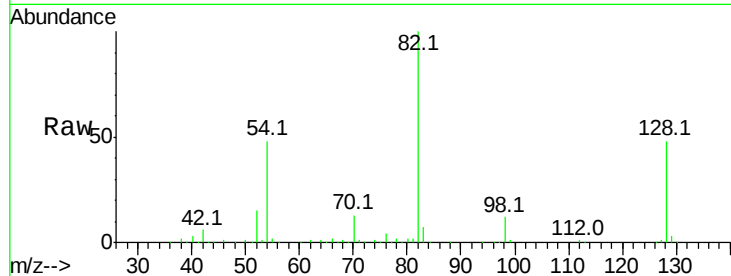




#23
 Nitrobenzene-d5
 Concen: 87.428 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

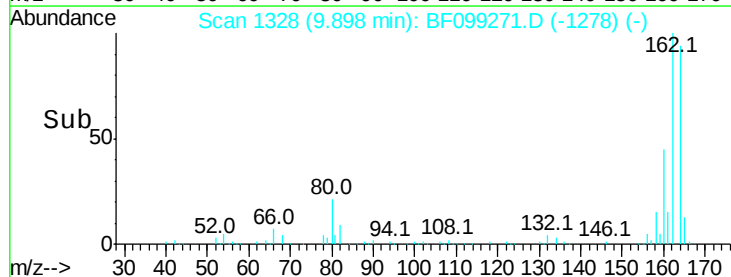
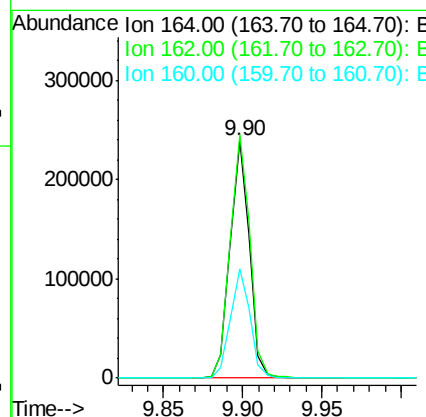
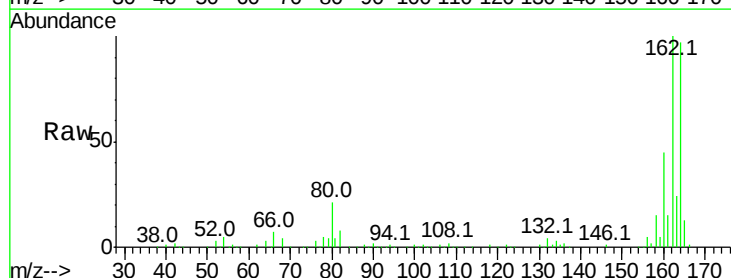
Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(15-20)

Tot Ion	82	Resp	599653
Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	48.0	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

Tgt Ion	164	Resp	201623
Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.9	38.3	57.5

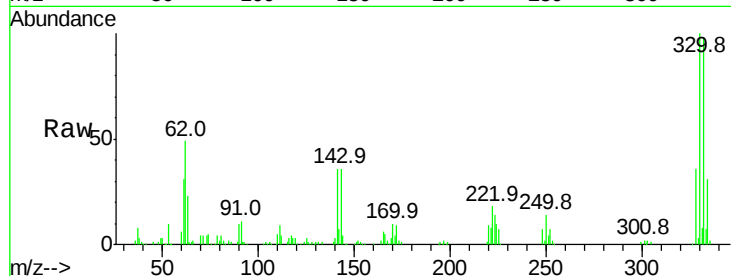




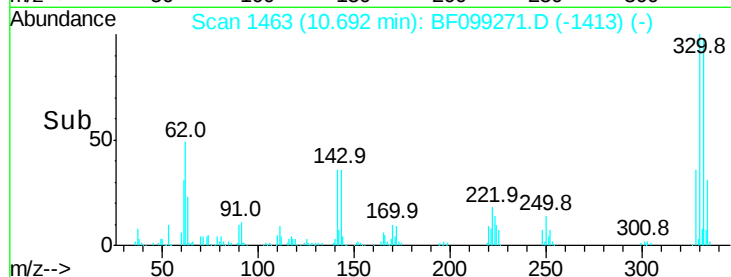
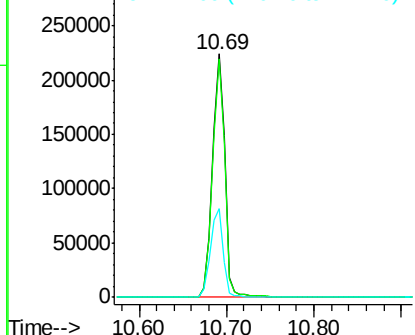
#41
 2,4,6-Tribromophenol
 Concen: 135.561 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(15-20)

Tot Ion:330 Resp: 223652
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 36.9 29.9 44.9

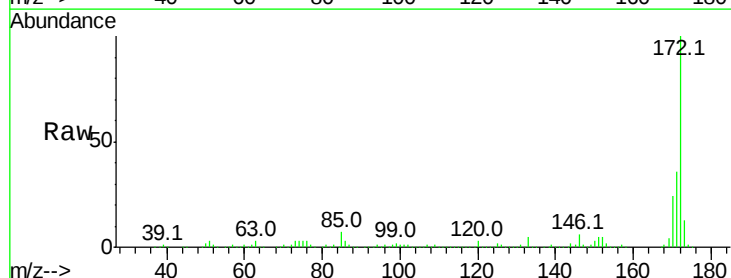


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

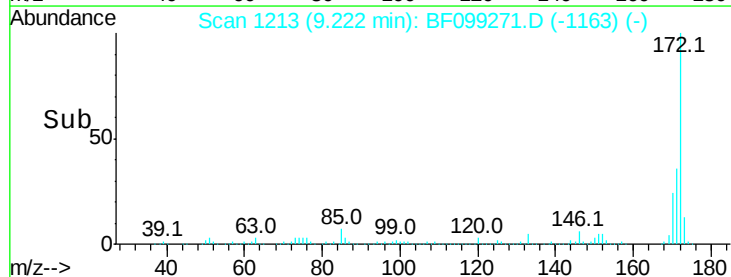
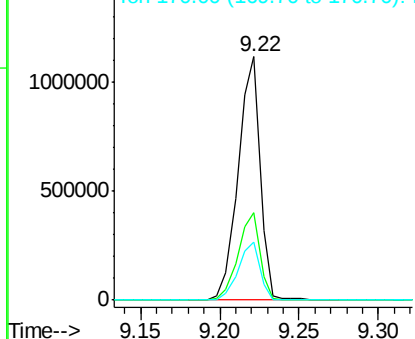


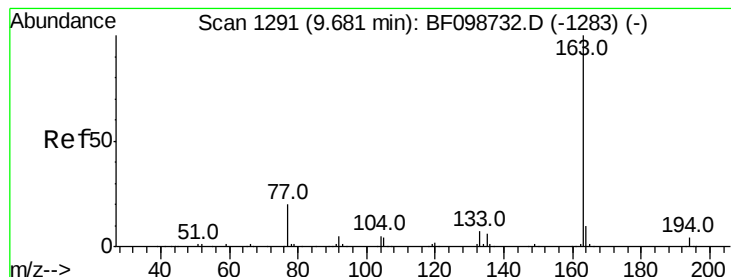
#44
 2-Fluorobiphenyl
 Concen: 88.981 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

Tgt Ion:172 Resp: 1074666
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 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: 10.360 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099271.D

Acq: 9 Oct 2017 19:19

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(15-20)

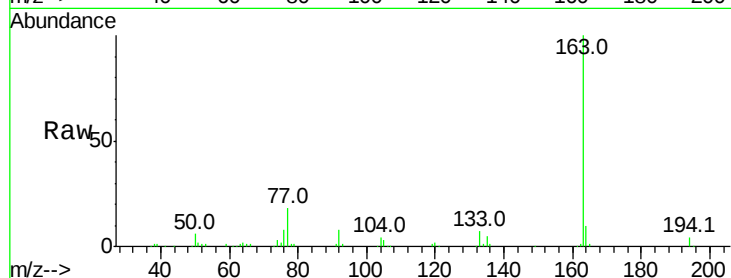
Tot Ion:163 Resp: 157653

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

164 9.8 8.2 12.2

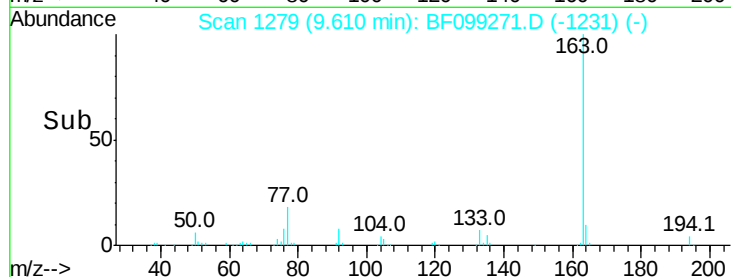


Abundance Ion 163.00 (162.70 to 163.70): E

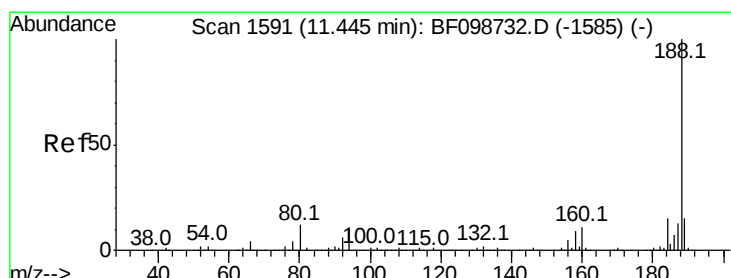
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099271.D

Acq: 9 Oct 2017 19:19

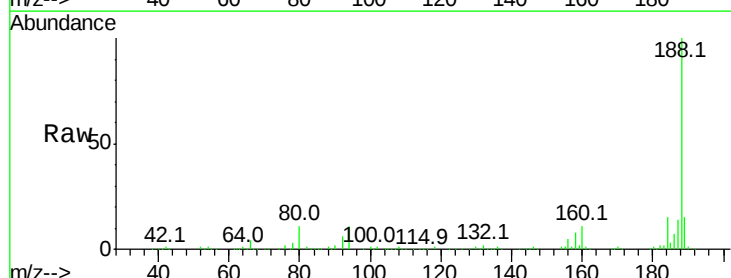
Tgt Ion:188 Resp: 352877

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

80 11.4 9.2 13.8

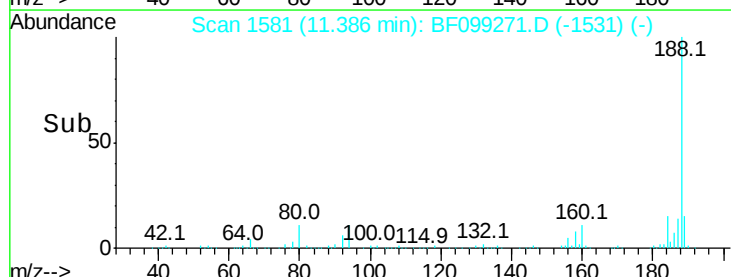


Abundance Ion 188.00 (187.70 to 188.70): E

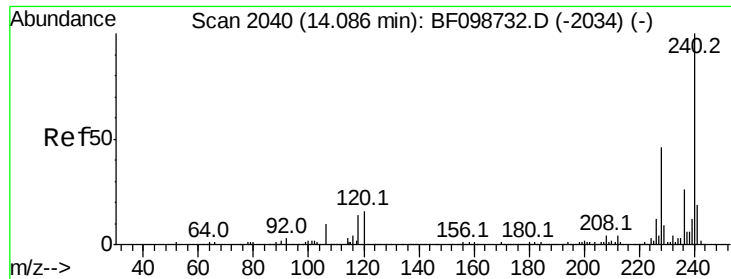
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099271.D

Acq: 9 Oct 2017 19:19

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(15-20)

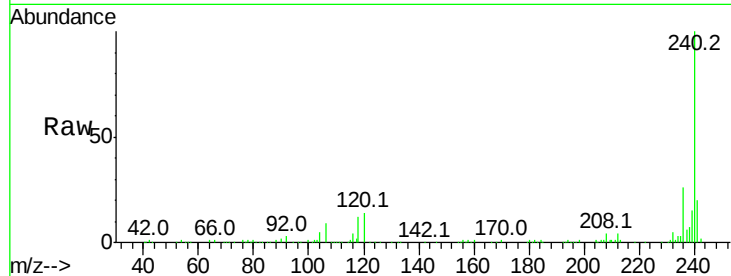
Tot Ion:240 Resp: 214401

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

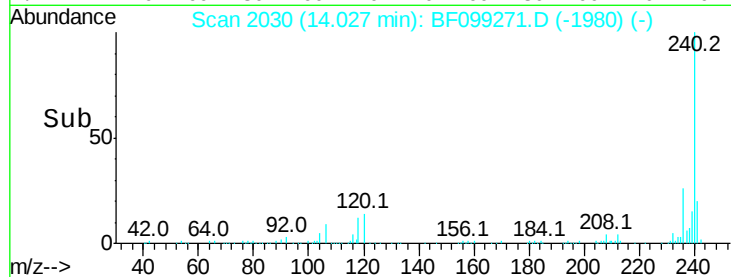
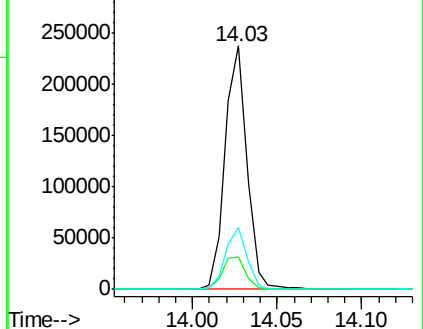
236 25.6 20.7 31.1



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: 92.185 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099271.D

Acq: 9 Oct 2017 19:19

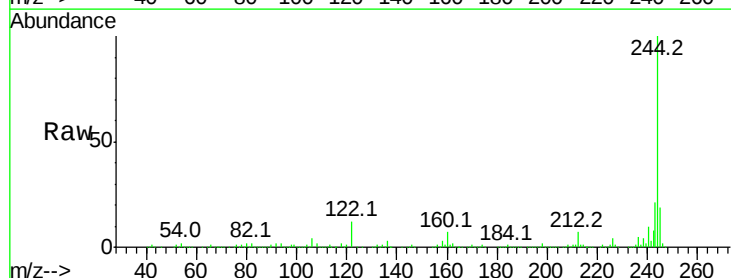
Tgt Ion:244 Resp: 869075

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

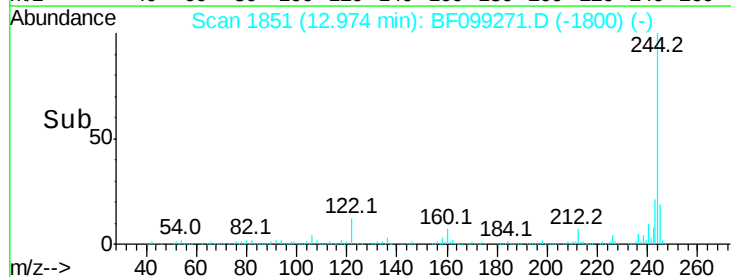
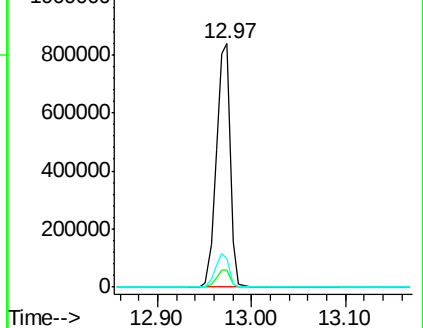
122 11.8 11.0 16.4



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

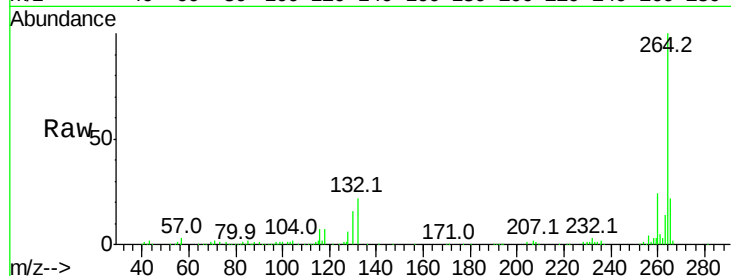




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099271.D
Acq: 9 Oct 2017 19:19

Instrument :
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ClientSampleId :
ENV-115-2(15-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	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

