

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099280.D
 Acq On : 9 Oct 2017 23:35
 Operator : SJ/JU
 Sample : I5651-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(40-50)

Quant Time: Oct 10 03:04:22 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

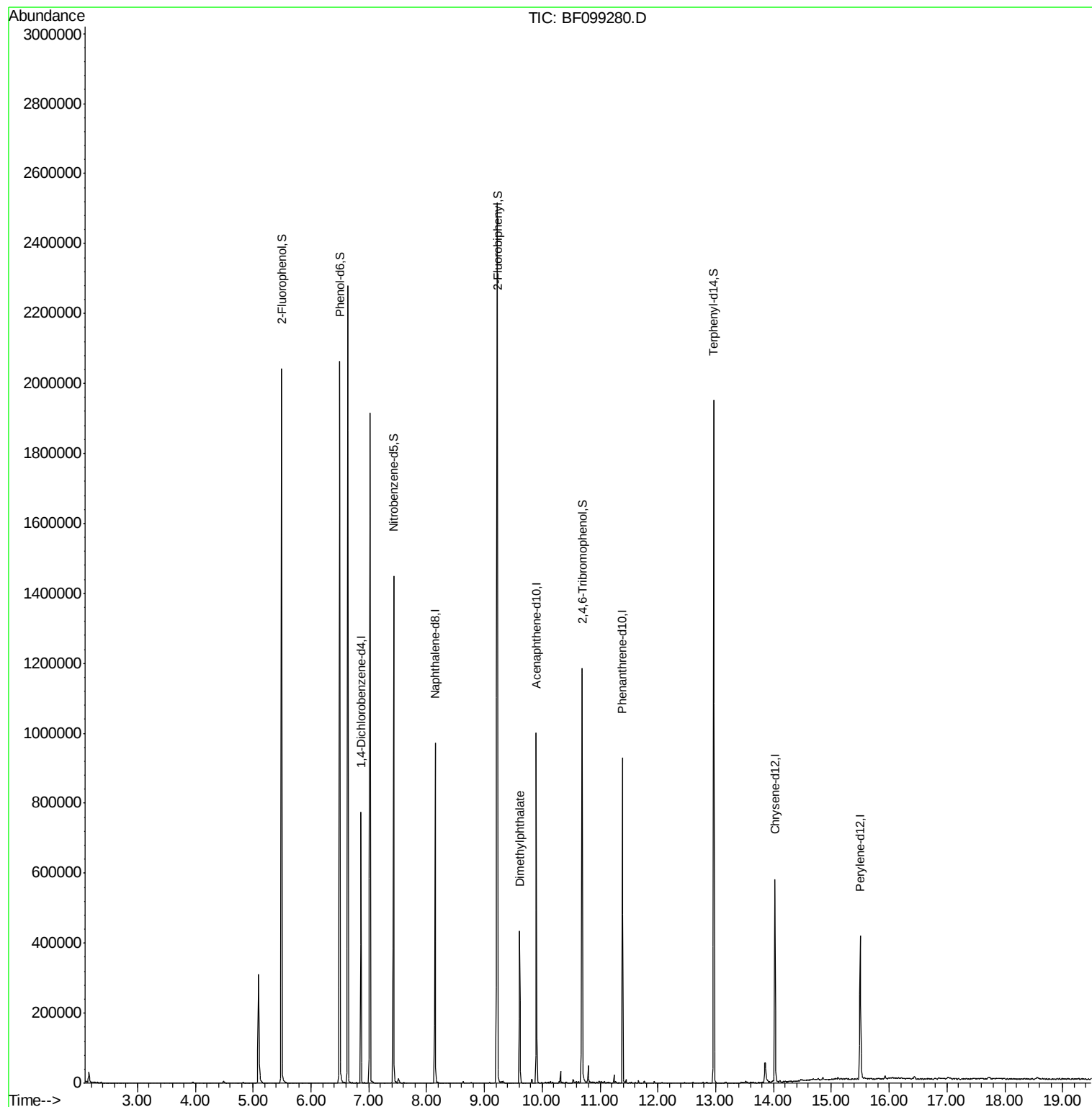
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104116	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	429806	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	186912	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	297155	20.00	ng	0.00
75) Chrysene-d12	14.03	240	197180	20.00	ng	0.00
86) Perylene-d12	15.50	264	188984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	658754	100.72	ng	0.01
7) Phenol-d6	6.50	99	777997	96.43	ng	0.00
23) Nitrobenzene-d5	7.43	82	460986	68.78	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	151032	98.75	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	875114	78.16	ng	0.00
78) Terphenyl-d14	12.97	244	590317	68.08	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	164461	11.658	ng	99

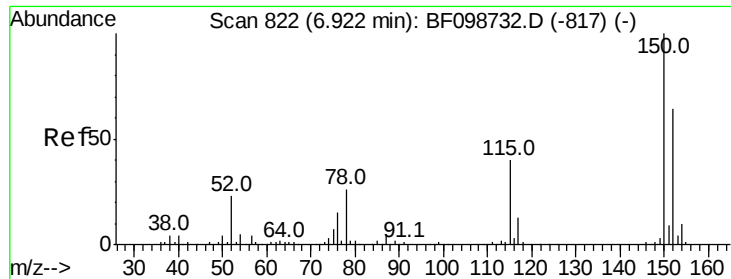
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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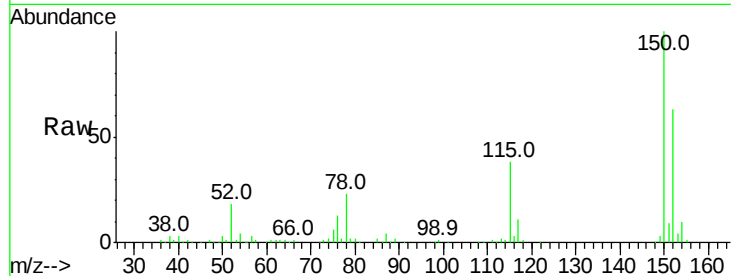


#1

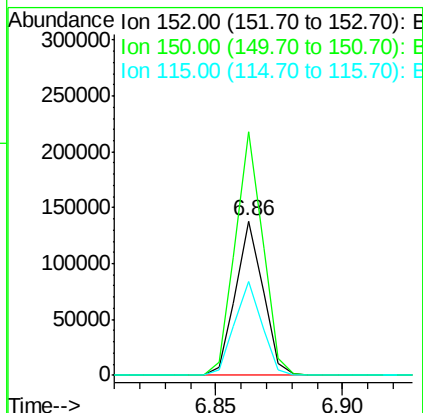
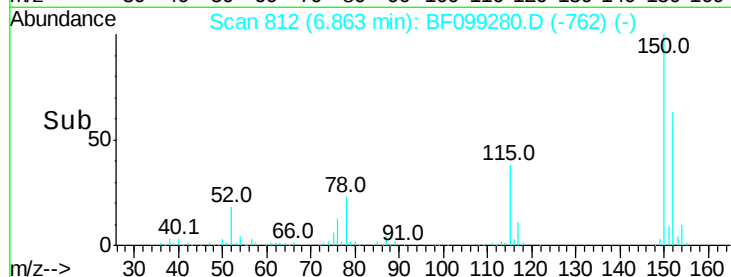
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(40-50)

Tot Ion:152 Resp: 104116
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 60.4 50.1 75.1



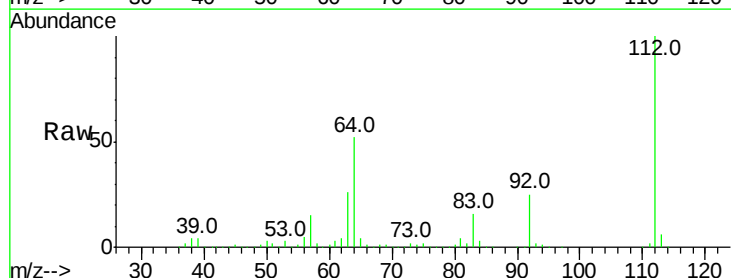
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



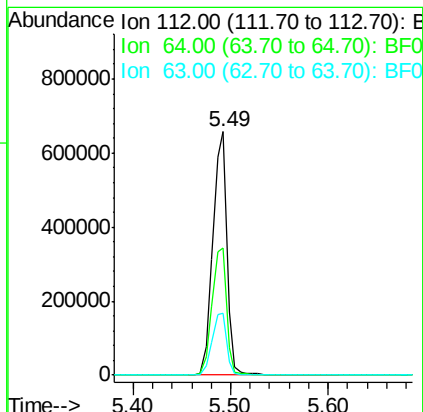
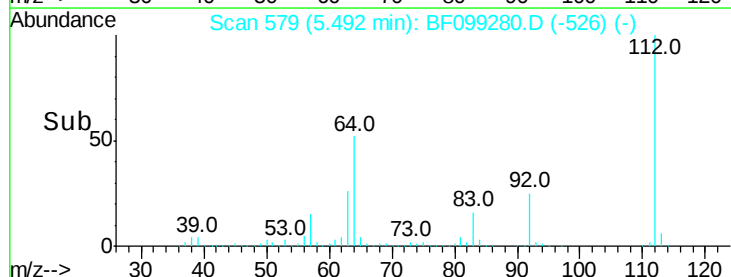
#5

2-Fluorophenol
 Concen: 100.721 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Tgt Ion:112 Resp: 658754
 Ion Ratio Lower Upper
 112 100
 64 52.3 47.9 71.9
 63 25.6 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: 96.427 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099280.D

Acq: 9 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(40-50)

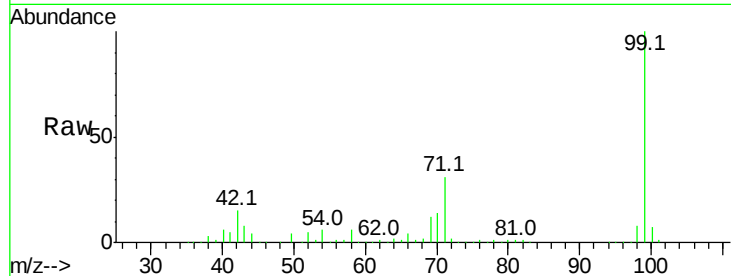
Tot Ion: 99 Resp: 777997

Ion Ratio Lower Upper

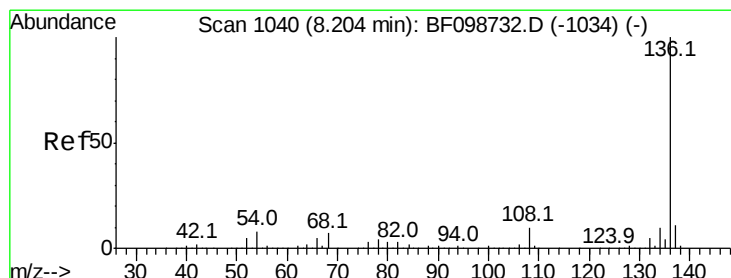
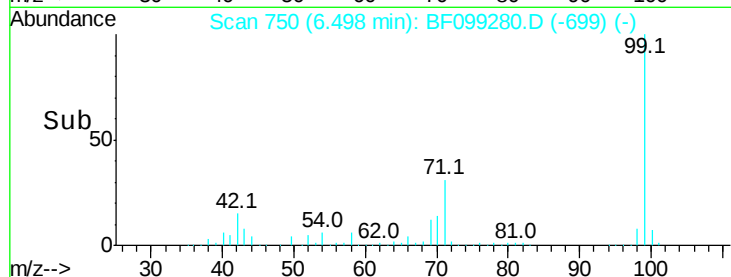
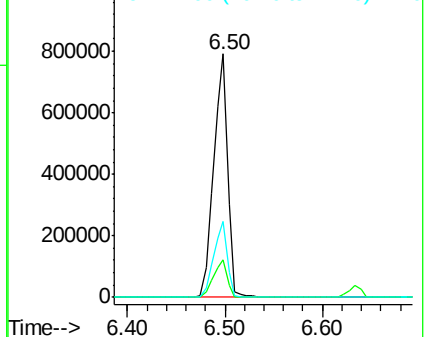
99 100

42 15.3 14.5 21.7

71 31.0 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: BF099280.D

Acq: 9 Oct 2017 23:35

Tgt Ion: 136 Resp: 429806

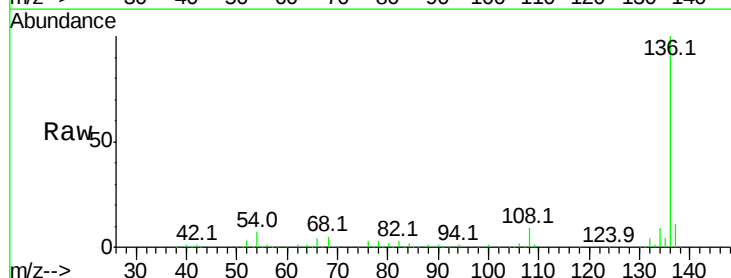
Ion Ratio Lower Upper

136 100

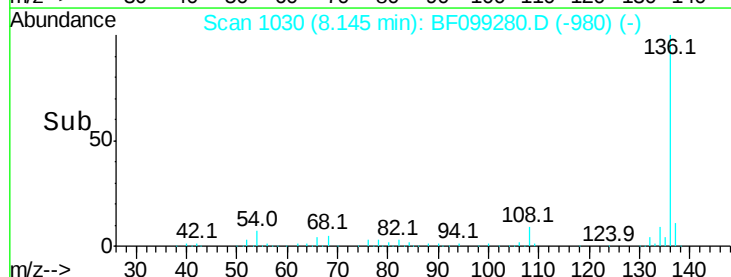
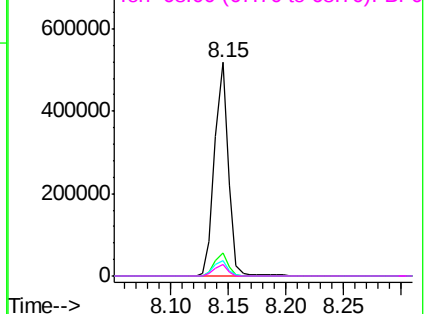
137 10.8 8.9 13.3

54 6.9 6.6 9.8

68 5.4 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

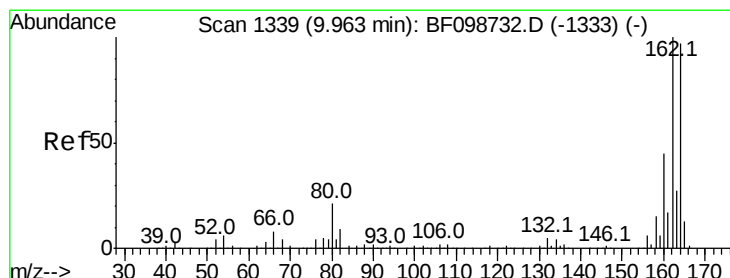
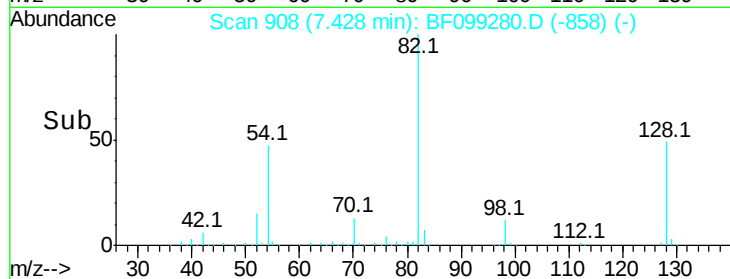
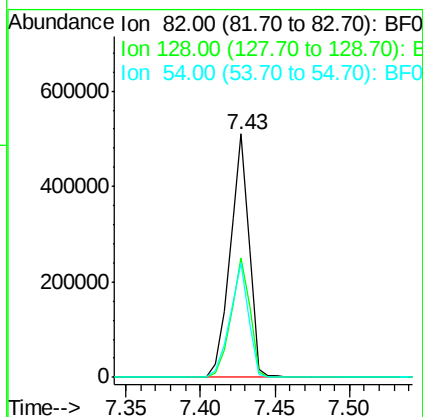
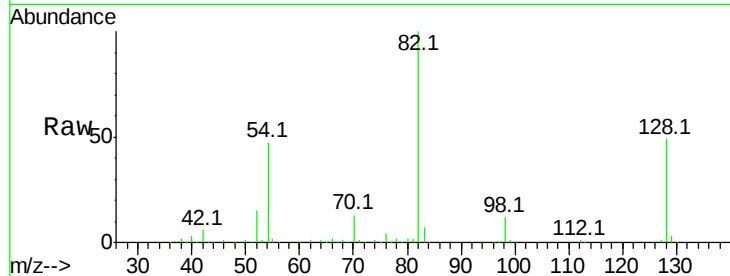




#23
 Nitrobenzene-d5
 Concen: 68.782 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

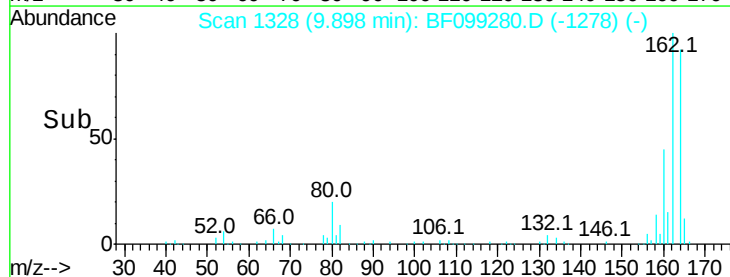
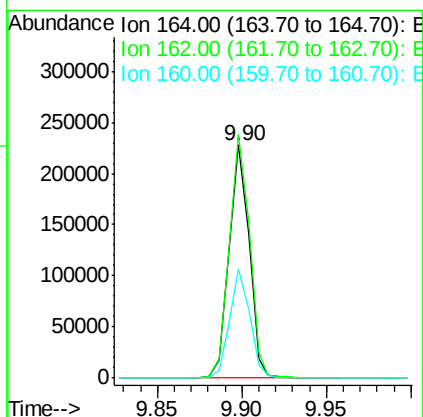
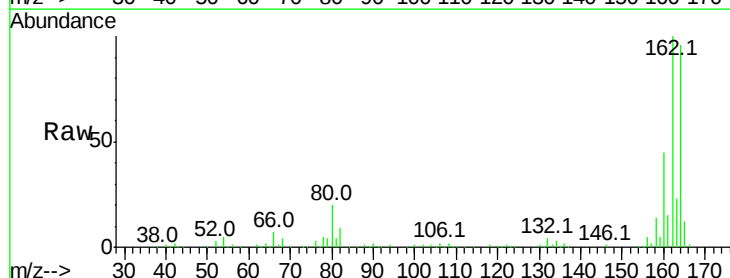
Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(40-50)

Tot Ion	82	Resp	460986
Ion Ratio	Lower	Upper	
82	100		
128	49.1	36.1	54.1
54	46.8	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: BF099280.D
 Acq: 9 Oct 2017 23:35

Tgt Ion	164	Resp	186912
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	46.7	38.3	57.5

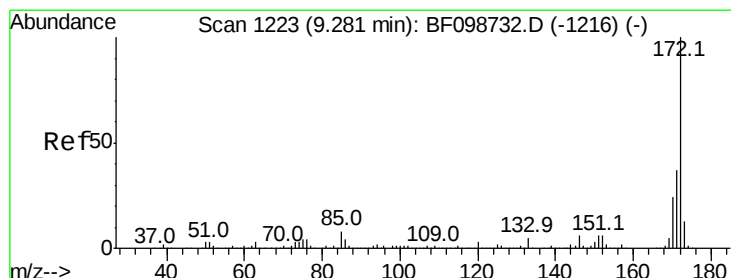
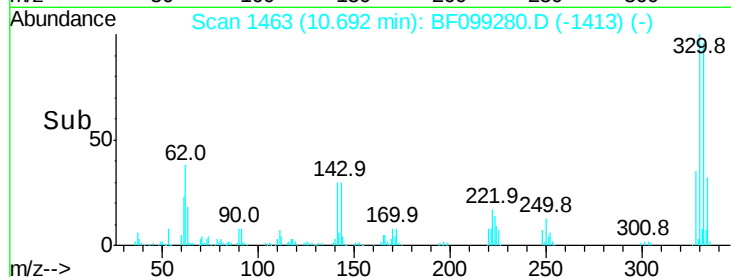
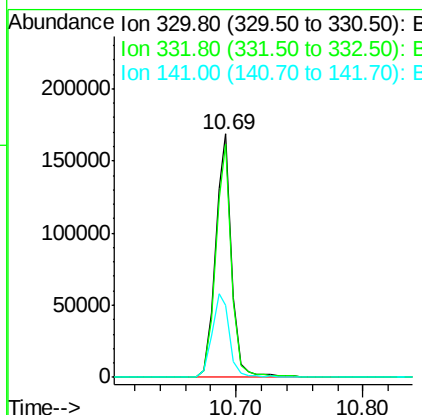
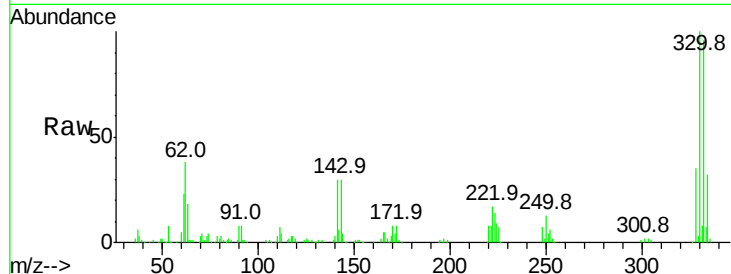




#41
 2,4,6-Tribromophenol
 Concen: 98.749 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

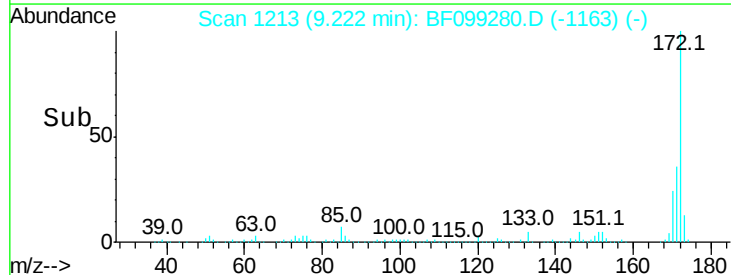
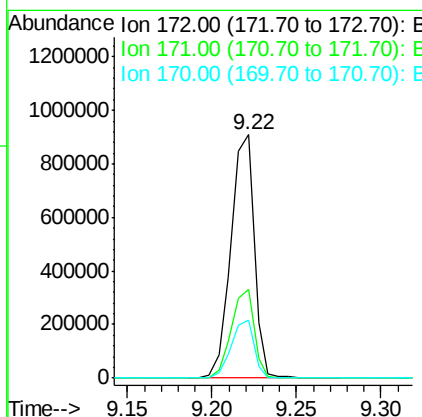
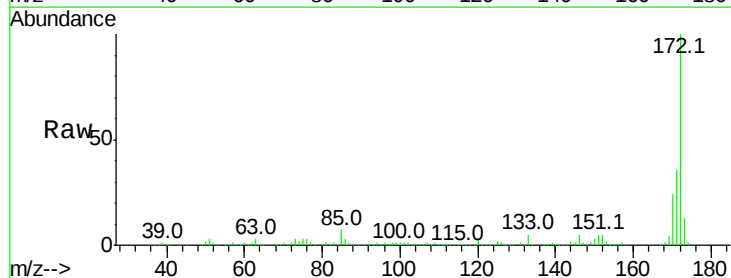
Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(40-50)

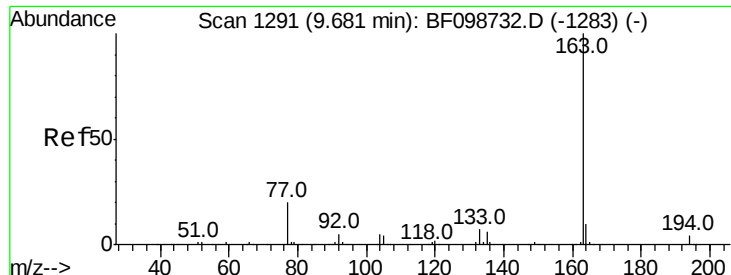
Tot Ion:330 Resp: 151032
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 37.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 78.161 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Tgt Ion:172 Resp: 875114
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.0 19.6 29.4

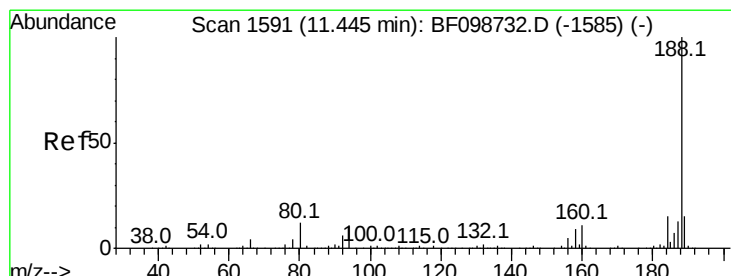
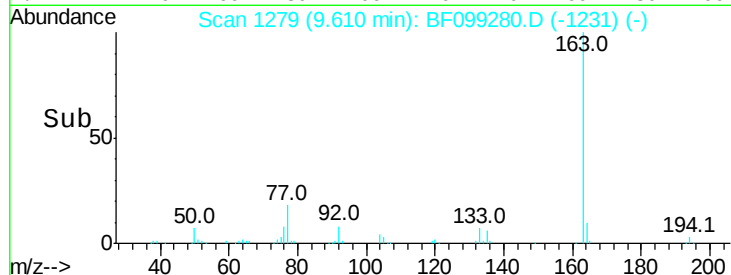
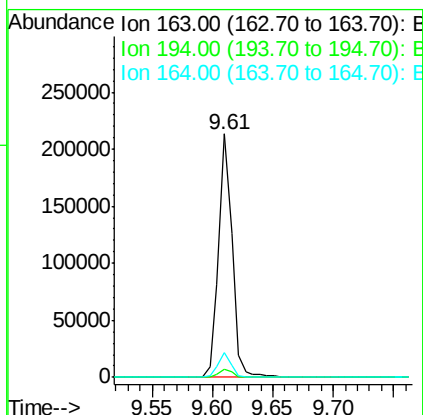
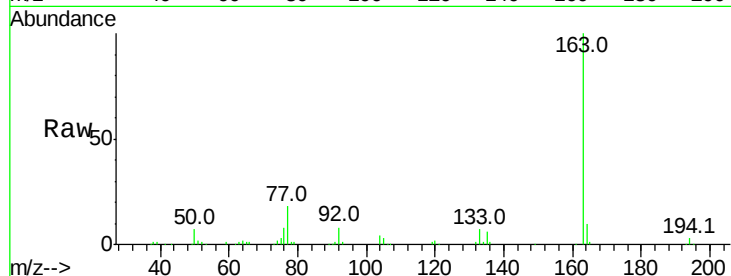




#49
Dimethylphthalate
Concen: 11.658 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099280.D
Acq: 9 Oct 2017 23:35

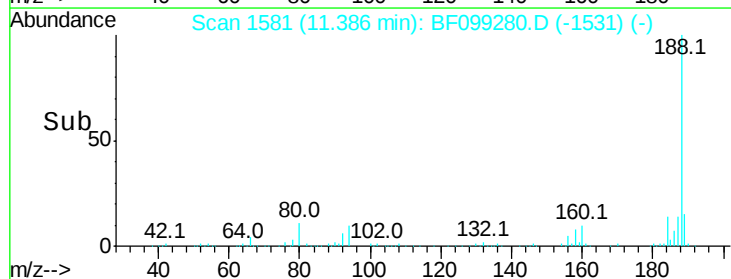
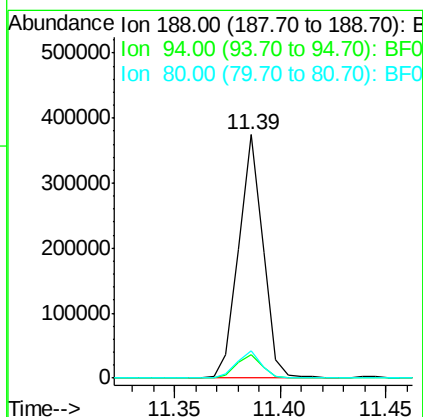
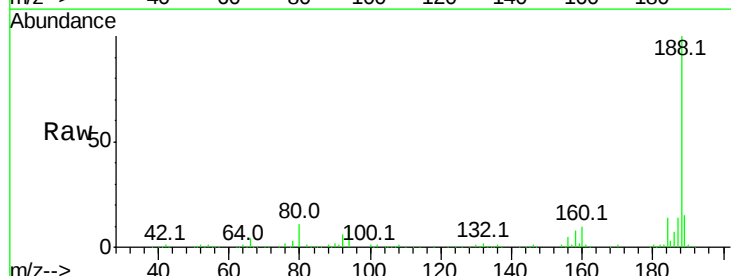
Instrument :
BNA_F
ClientSampleId :
ENV-115-2(40-50)

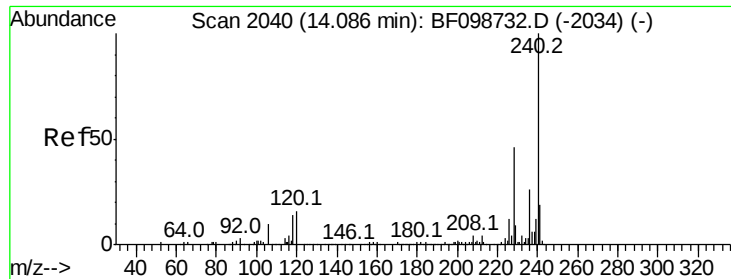
Tot Ion:163 Resp: 164461
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099280.D
Acq: 9 Oct 2017 23:35

Tgt Ion:188 Resp: 297155
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.0 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: BF099280.D

Acq: 9 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(40-50)

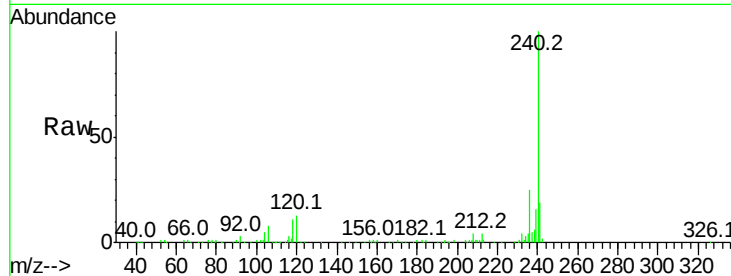
Tot Ion:240 Resp: 197180

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

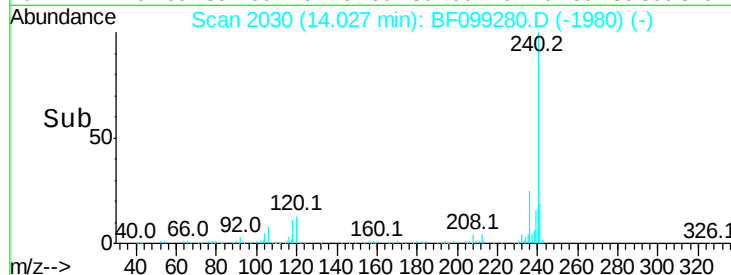
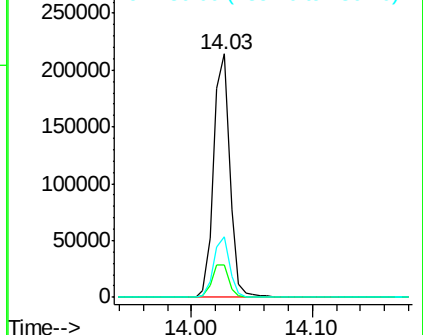
236 24.8 20.7 31.1



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: 68.085 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099280.D

Acq: 9 Oct 2017 23:35

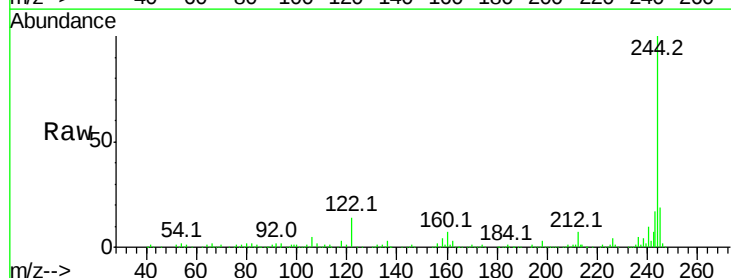
Tgt Ion:244 Resp: 590317

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

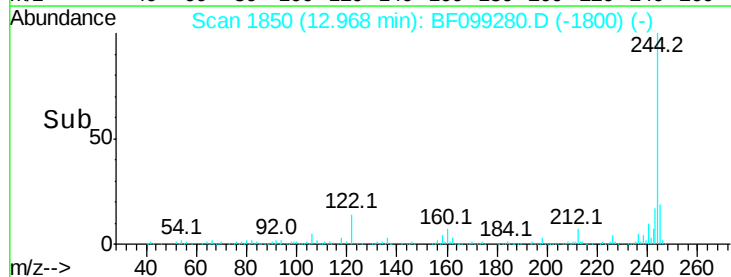
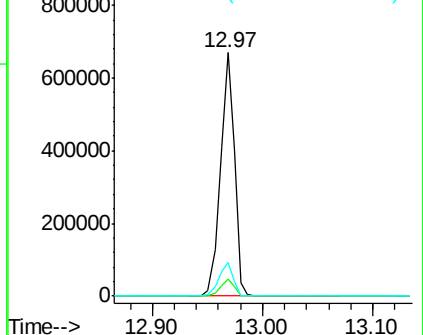
122 13.7 11.0 16.4

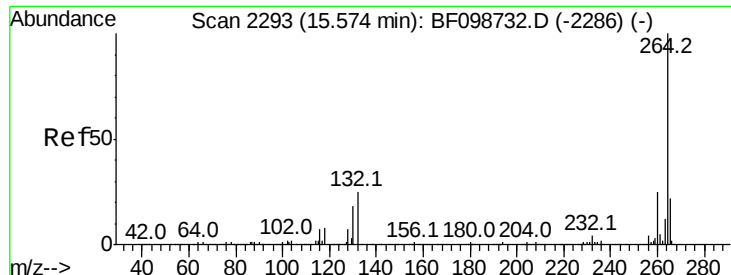


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

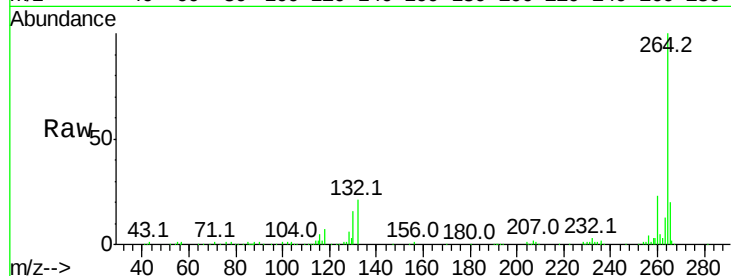




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-2(40-50)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.3	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

