

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099296.D
 Acq On : 10 Oct 2017 12:53
 Operator : SJ/JU
 Sample : I5651-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 10 16:27:20 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

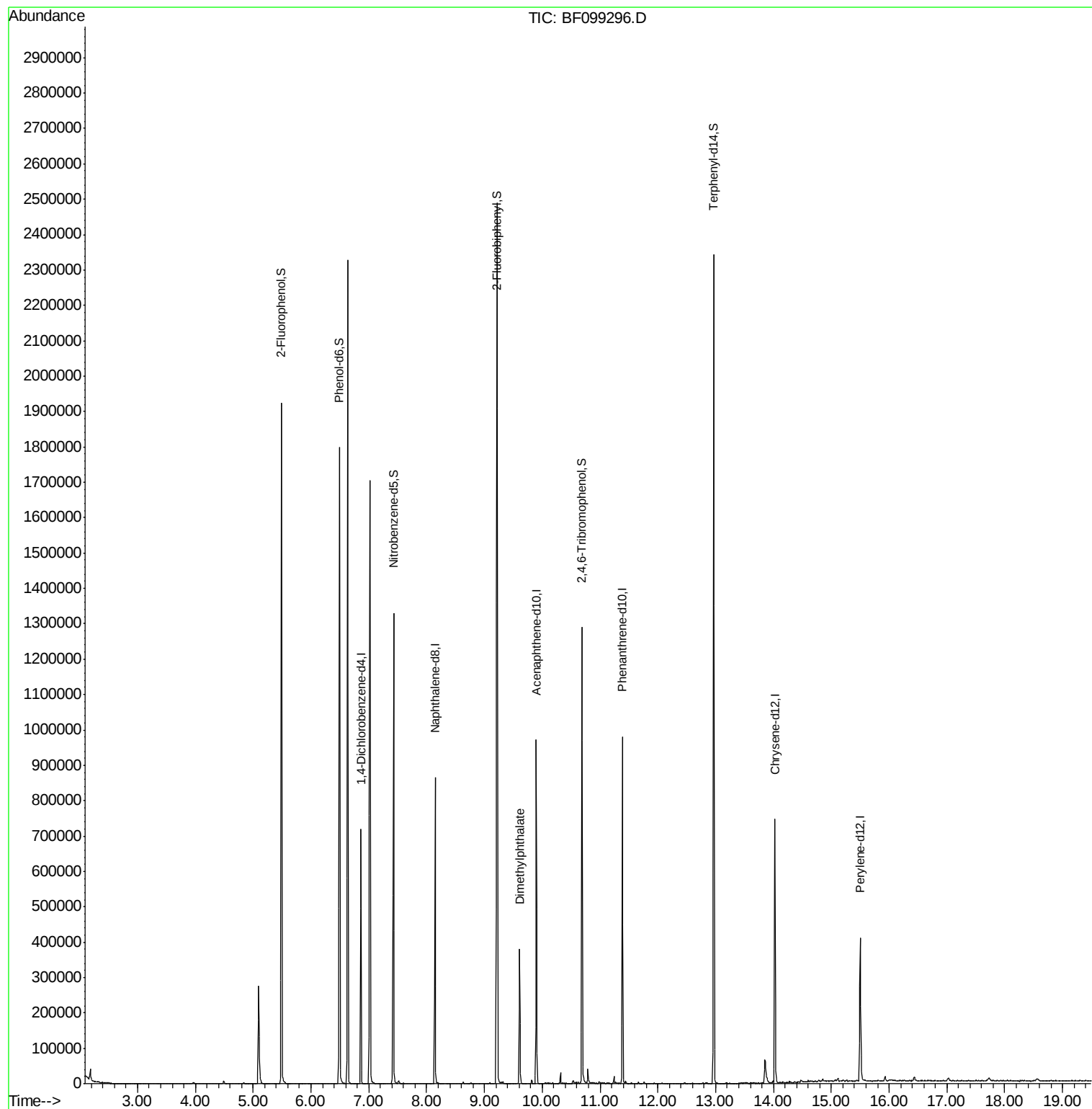
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	101678	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	414017	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	185726	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	336552	20.00	ng	0.00
75) Chrysene-d12	14.03	240	262117	20.00	ng	0.00
86) Perylene-d12	15.50	264	191471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	643226	100.71	ng	0.01
7) Phenol-d6	6.50	99	771252	97.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	444994	68.93	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	152844	100.57	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	844330	75.89	ng	-0.01
78) Terphenyl-d14	12.97	244	747527	64.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	152325	10.867	ng	Qvalue 99

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

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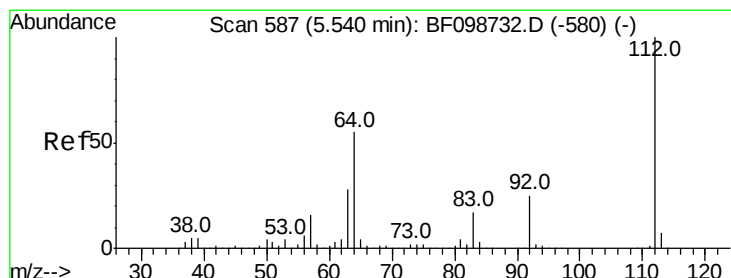
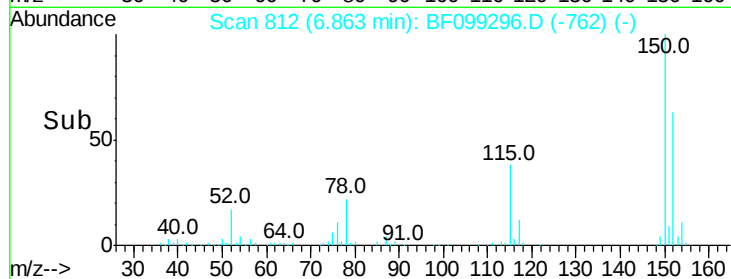
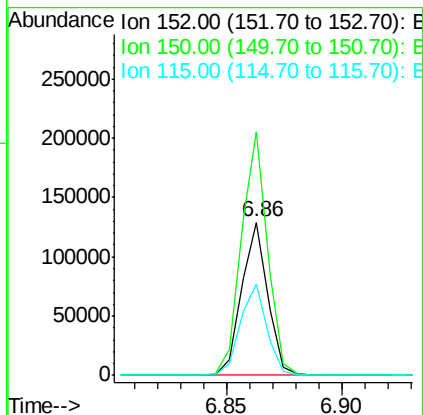
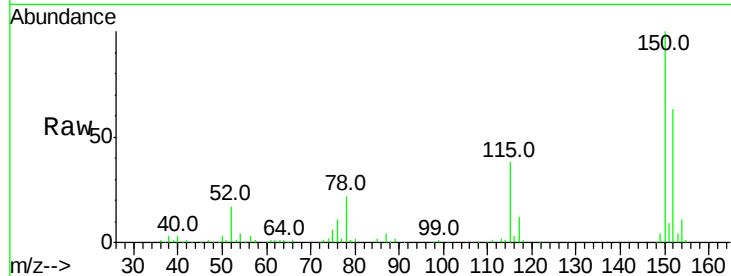


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

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

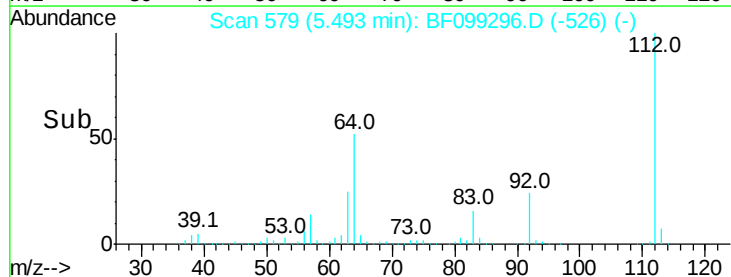
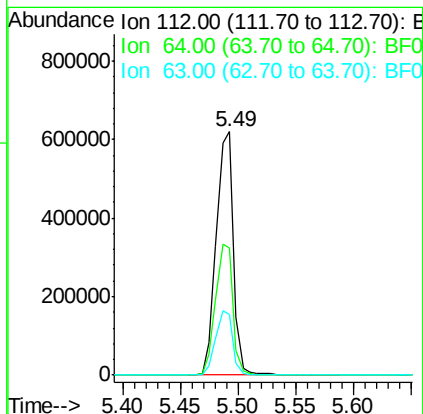
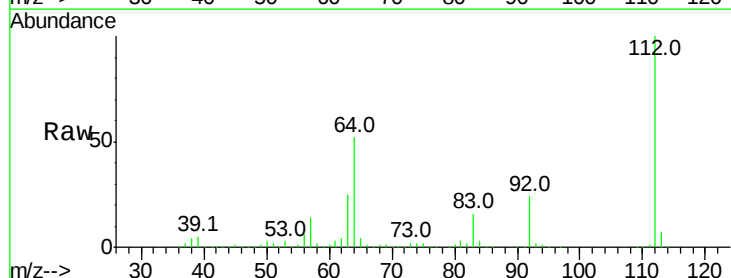
Tot Ion:152 Resp: 101678
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 59.8 50.1 75.1



#5

2-Fluorophenol
Concen: 100.705 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

Tgt Ion:112 Resp: 643226
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 25.1 23.7 35.5





#7

Phenol-d6

Concen: 97.883 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099296.D

Acq: 10 Oct 2017 12:53

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(40-50)

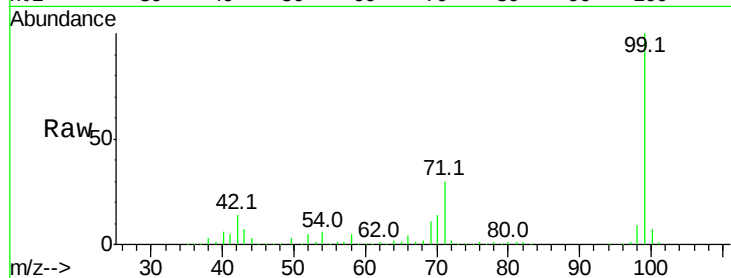
Tot Ion: 99 Resp: 771252

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

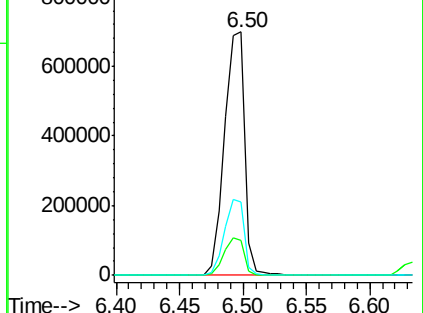
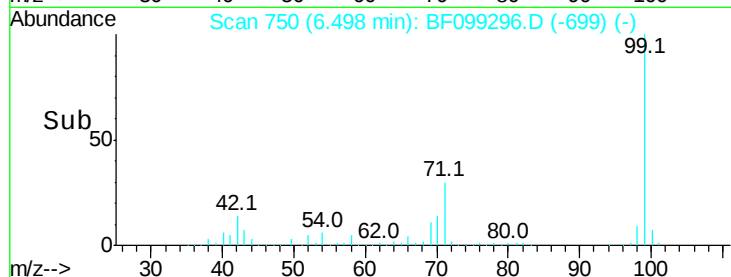
71 30.0 25.4 38.0



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: BF099296.D

Acq: 10 Oct 2017 12:53

Tgt Ion: 136 Resp: 414017

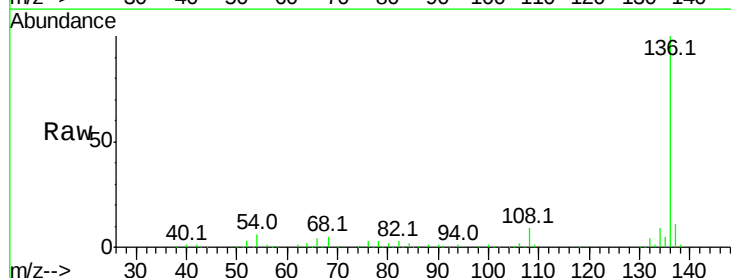
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 6.6 9.8#

68 5.4 5.0 7.4

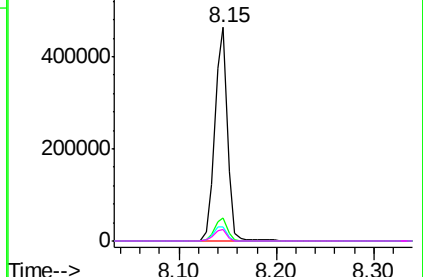
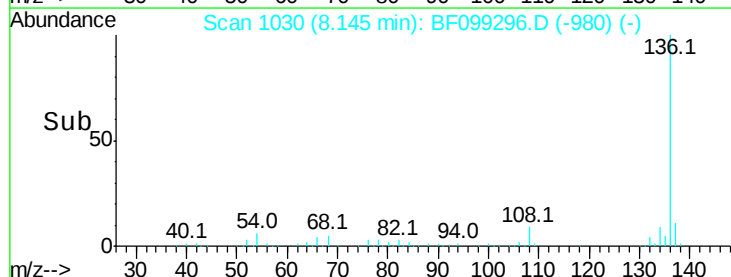


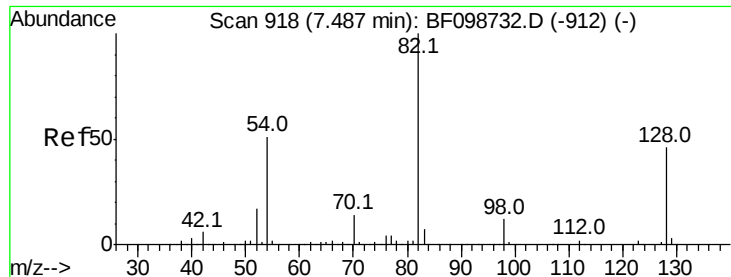
Abundance Ion 136.00 (135.70 to 136.70): E

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

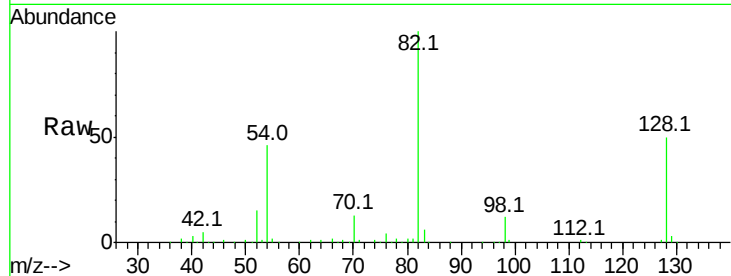




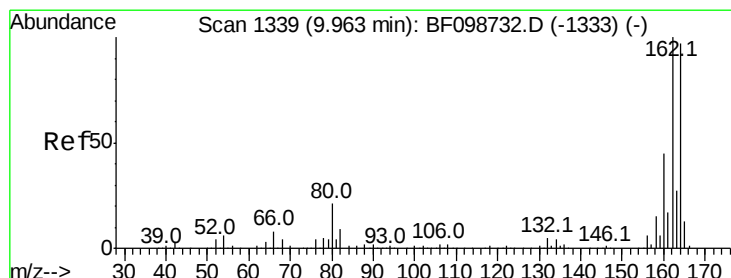
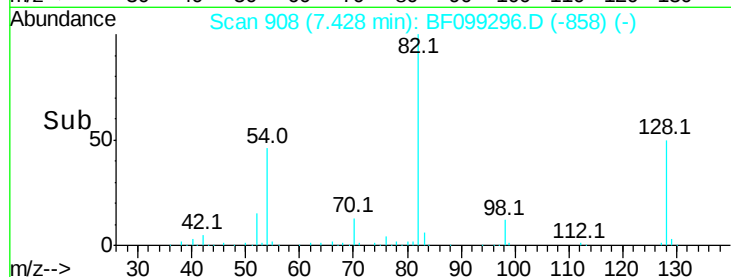
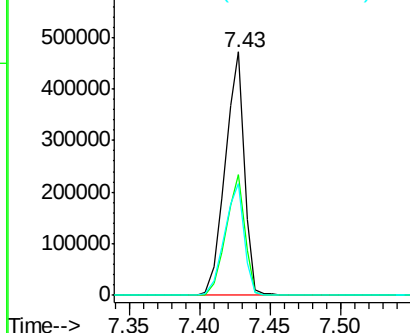
#23
 Nitrobenzene-d5
 Concen: 68.928 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

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

Tot Ion: 82 Resp: 444994
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 46.0 41.4 62.2

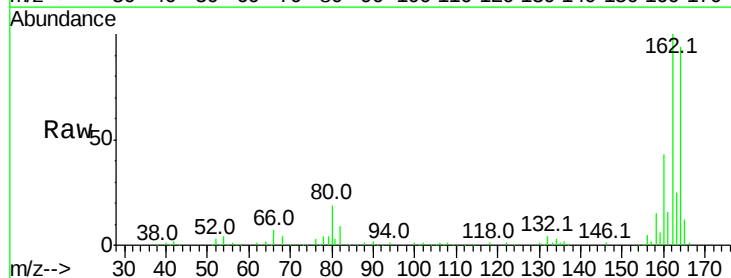


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

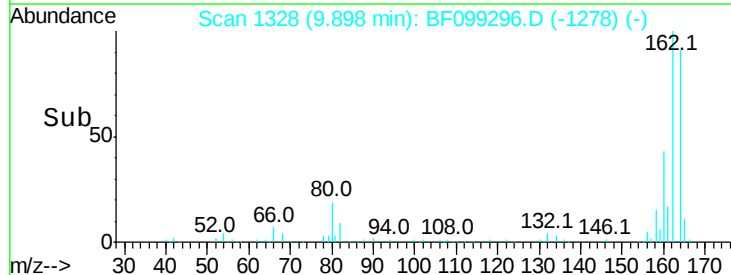
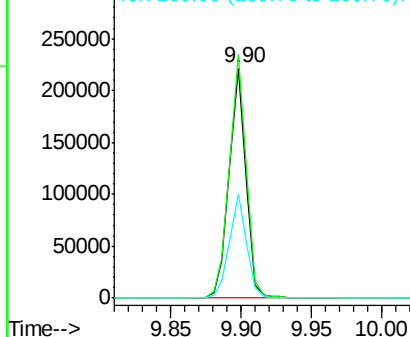


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

Tgt Ion:164 Resp: 185726
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 45.5 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

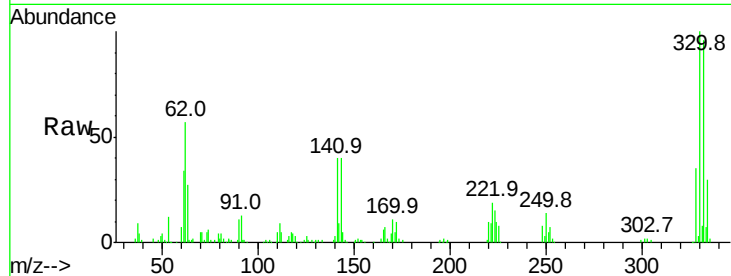




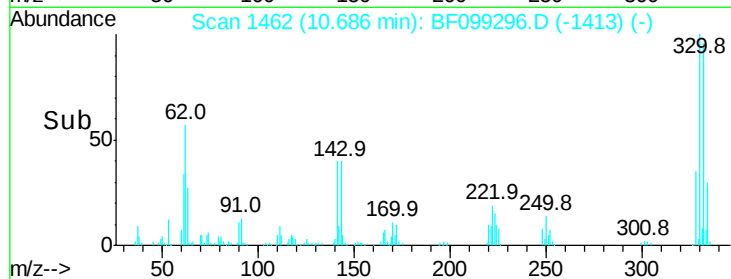
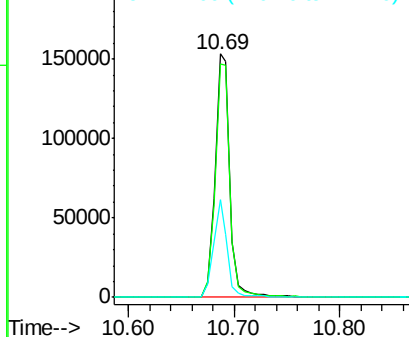
#41
 2,4,6-Tribromophenol
 Concen: 100.572 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

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

Tot Ion:330 Resp: 152844
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 36.9 29.9 44.9

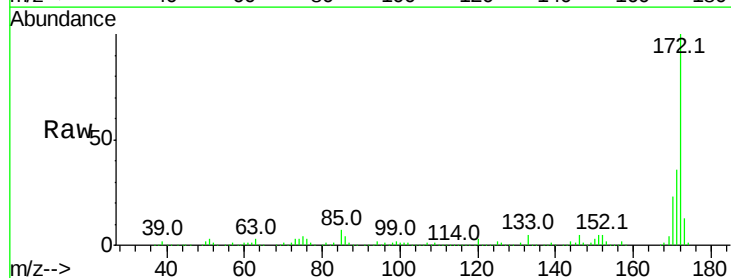


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

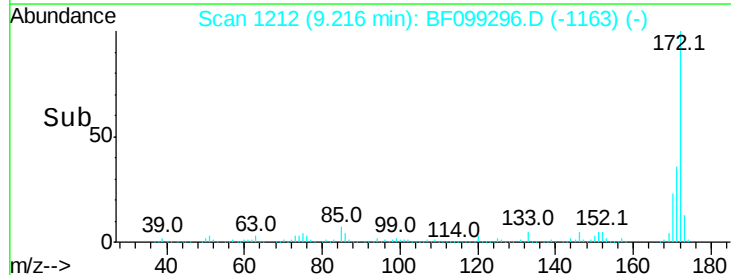
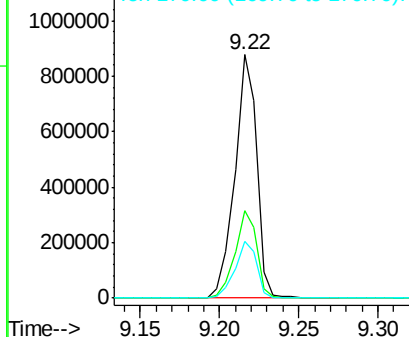


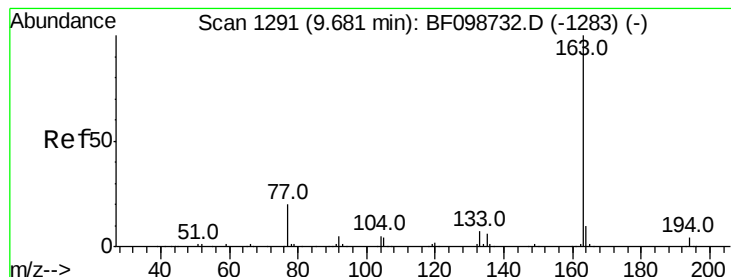
#44
 2-Fluorobiphenyl
 Concen: 75.893 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

Tgt Ion:172 Resp: 844330
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.4 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: 10.867 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099296.D

Acq: 10 Oct 2017 12:53

Instrument :

BNA_F

ClientSampleId :

ENV-115-2(40-50)

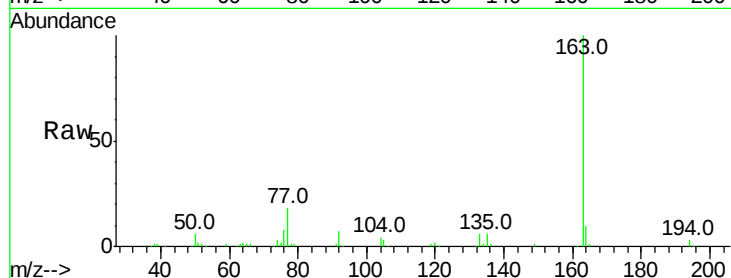
Tot Ion:163 Resp: 152325

Ion Ratio Lower Upper

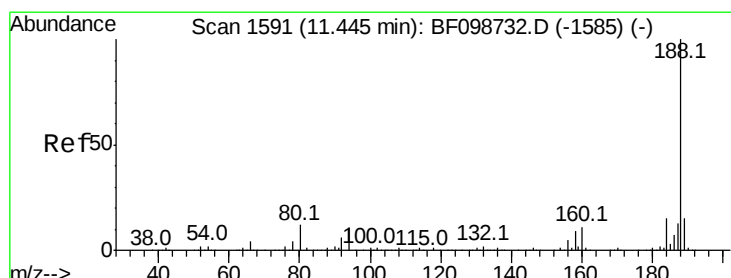
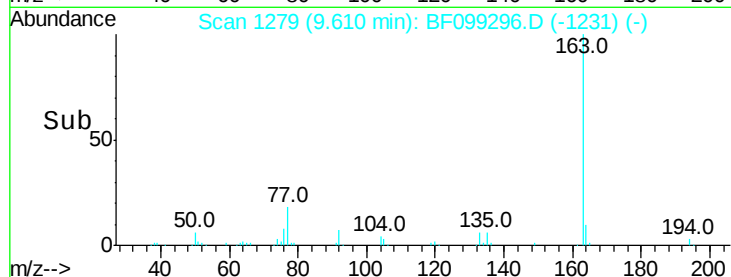
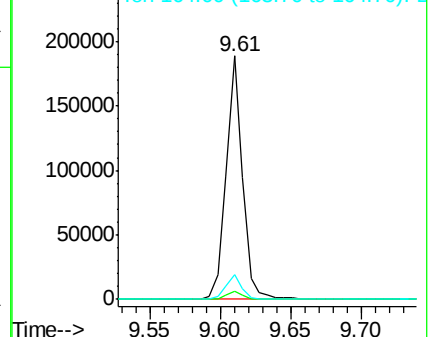
163 100

194 3.2 2.7 4.1

164 10.0 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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099296.D

Acq: 10 Oct 2017 12:53

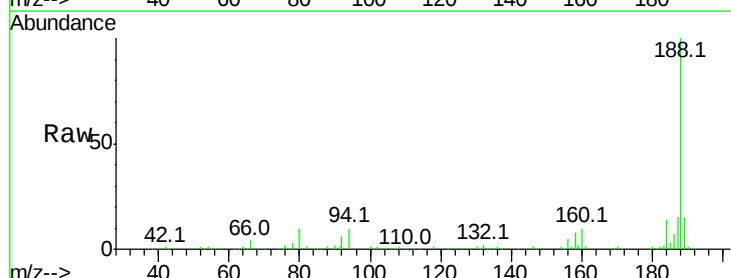
Tgt Ion:188 Resp: 336552

Ion Ratio Lower Upper

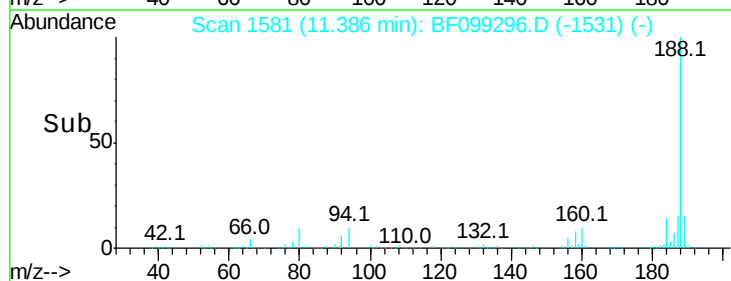
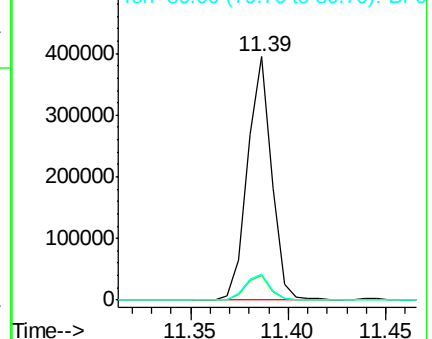
188 100

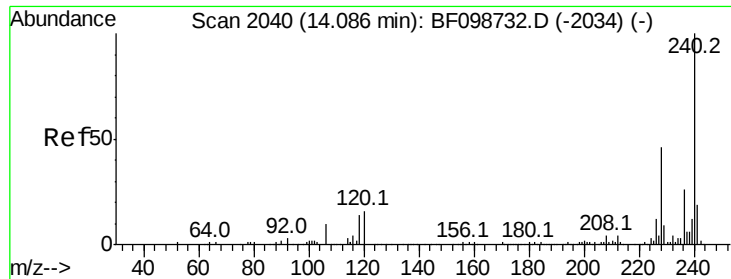
94 10.0 8.5 12.7

80 10.4 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

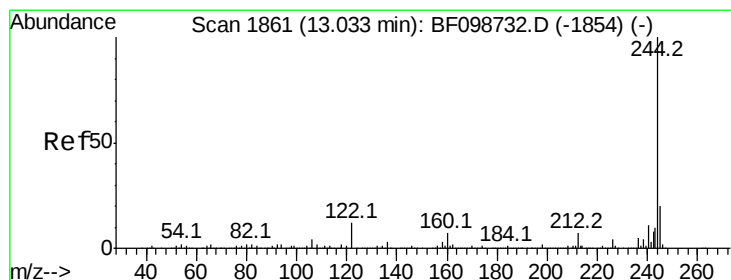
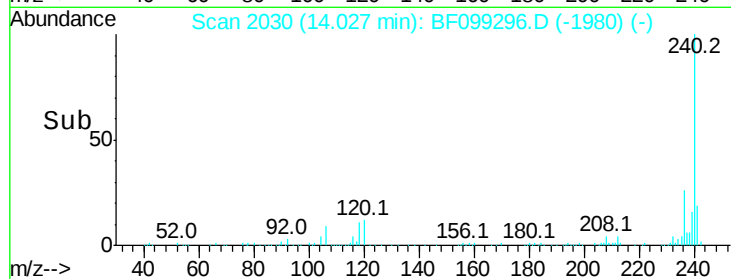
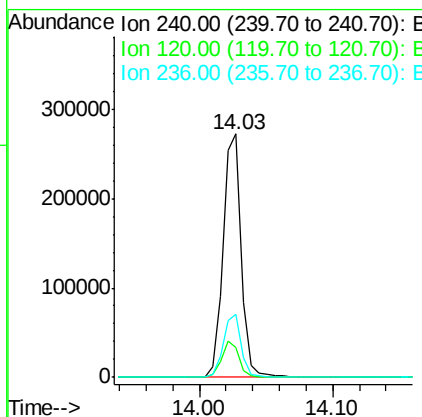
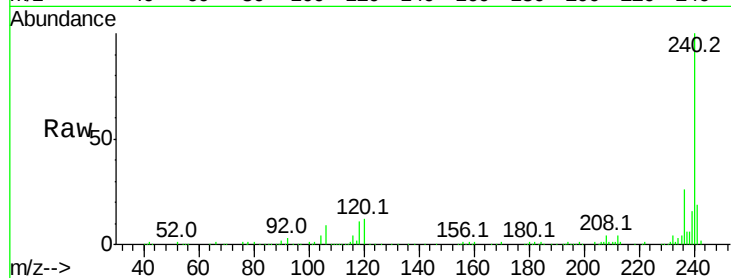




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

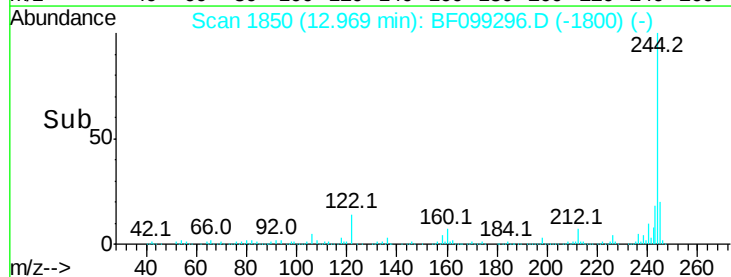
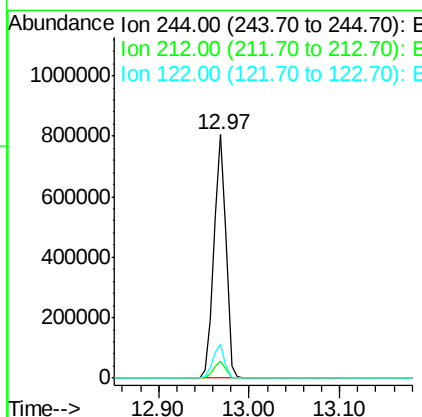
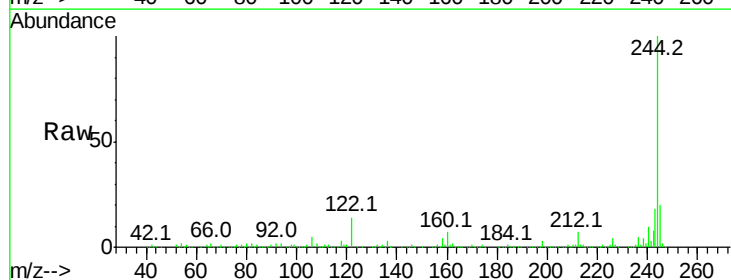
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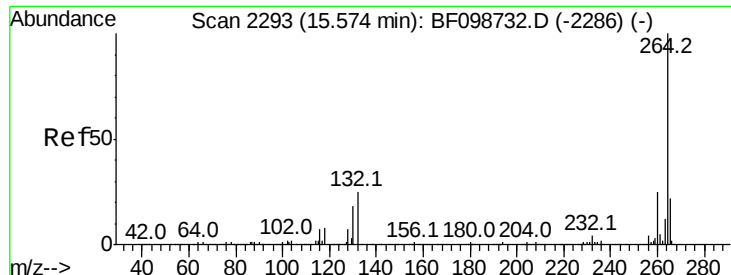
Tot Ion:240 Resp: 262117
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.7 20.7 31.1



#78
Terphenyl-d14
Concen: 64.858 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

Tgt Ion:244 Resp: 747527
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.7 11.0 16.4

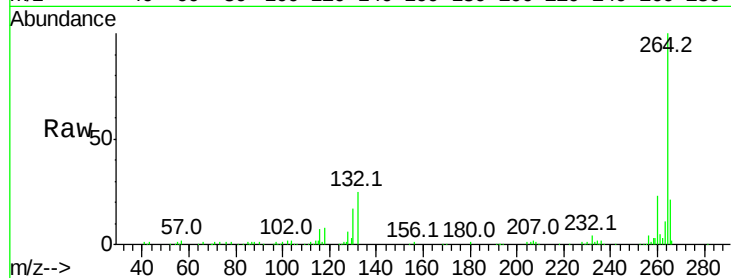




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	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

