

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099540.D
 Acq On : 16 Oct 2017 13:17
 Operator : SJ/JU
 Sample : I5776-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-104-2(0-5)

Quant Time: Oct 17 00:05:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

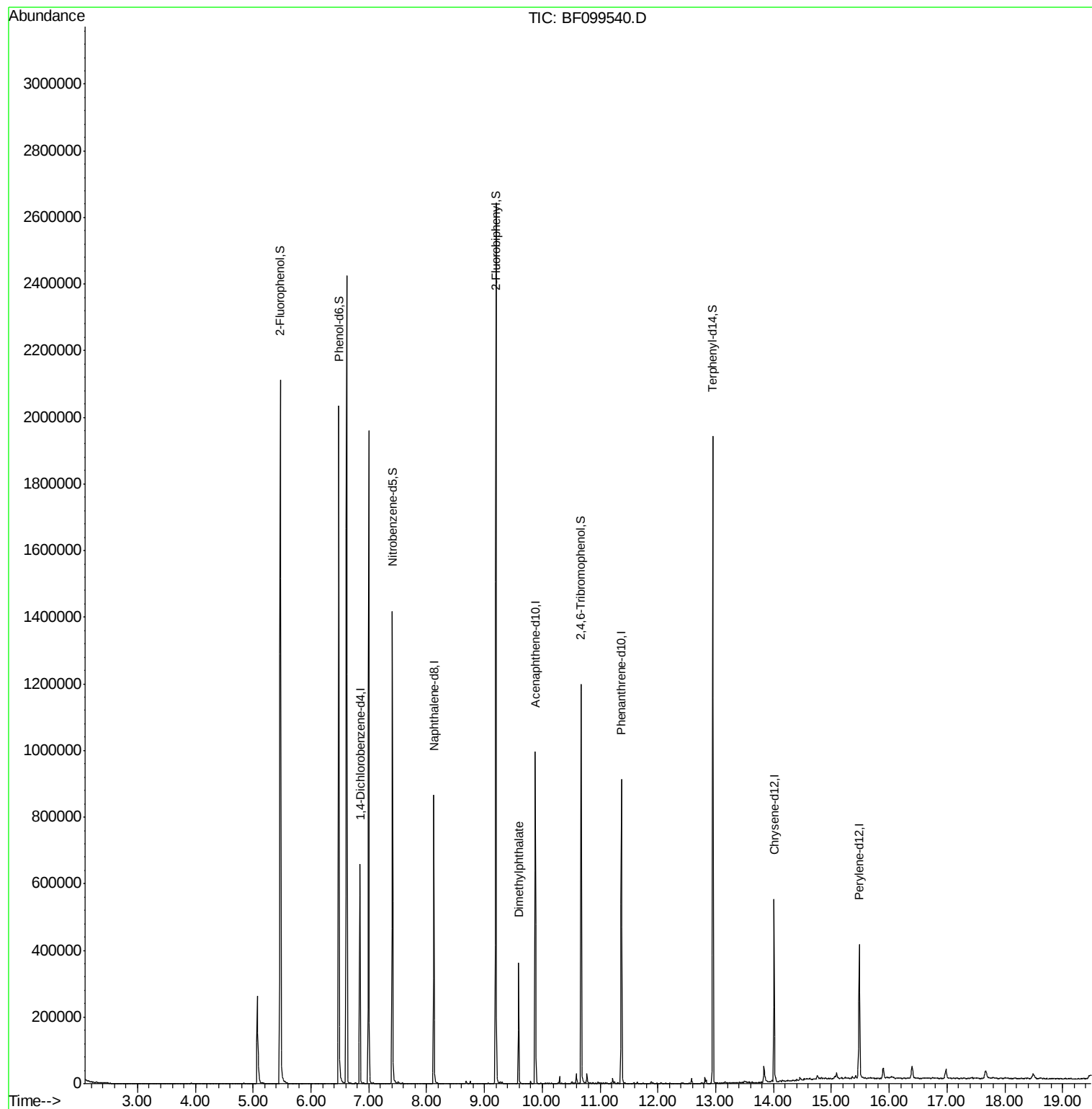
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101584	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	417644	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	181332	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	300276	20.00	ng	0.00
75) Chrysene-d12	14.01	240	178418	20.00	ng	0.00
86) Perylene-d12	15.49	264	181115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	656350	102.86	ng	0.00
7) Phenol-d6	6.48	99	790541	100.42	ng	0.00
23) Nitrobenzene-d5	7.41	82	469728	72.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	149293	100.62	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	844093	77.71	ng	-0.01
78) Terphenyl-d14	12.95	244	596636	76.05	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	138009	10.084	ng	100

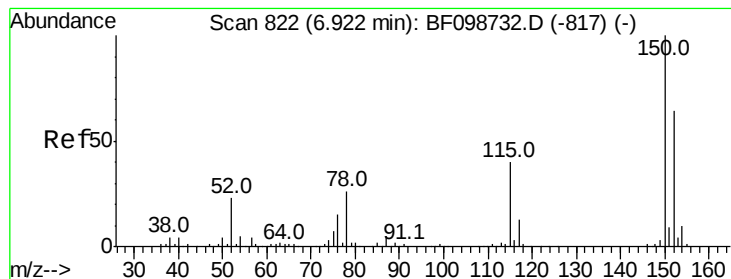
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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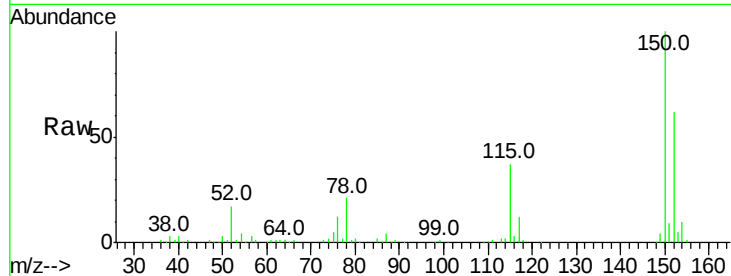


#1

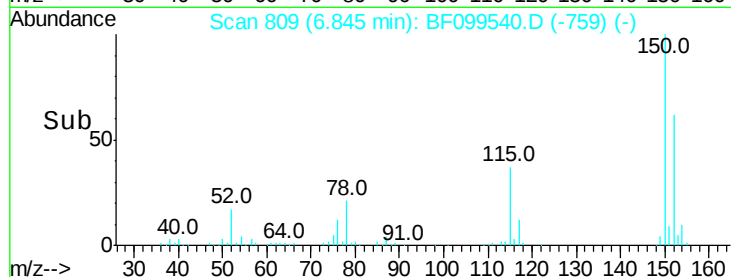
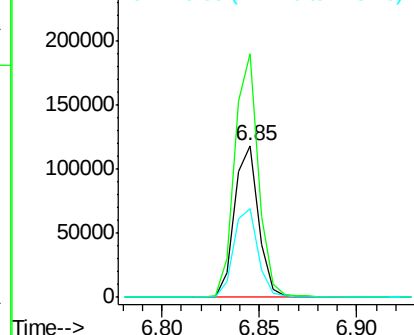
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

Instrument :
 BNA_F
 ClientSampleId :
 ENV-104-2(0-5)

Tot Ion:152 Resp: 101584
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.6 186.8
 115 58.6 50.1 75.1



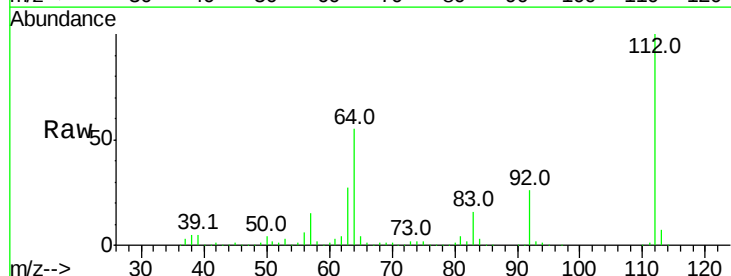
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



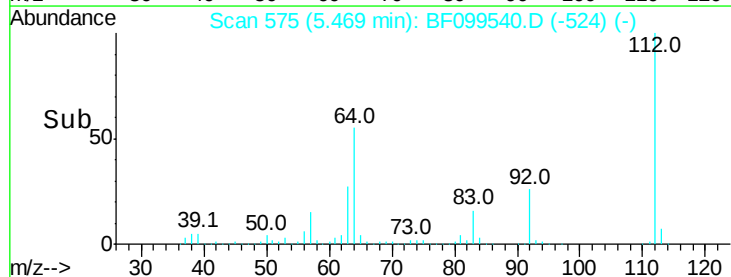
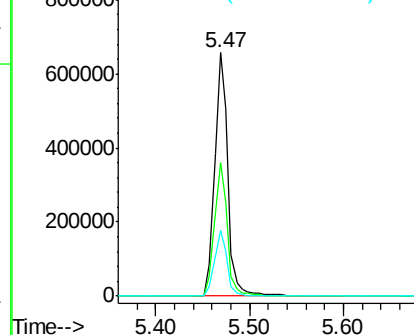
#5

2-Fluorophenol
 Concen: 102.855 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

Tgt Ion:112 Resp: 656350
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 27.1 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: 100.424 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

Instrument :

BNA_F

ClientSampleId :

ENV-104-2(0-5)

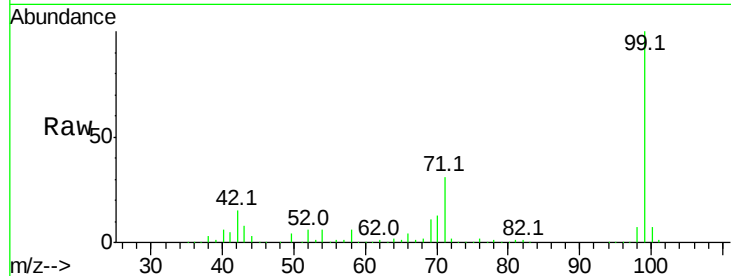
Tot Ion: 99 Resp: 790541

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

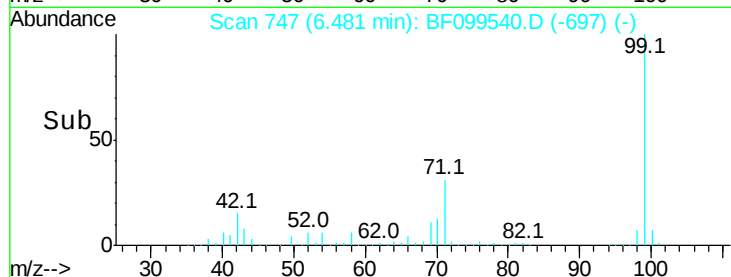
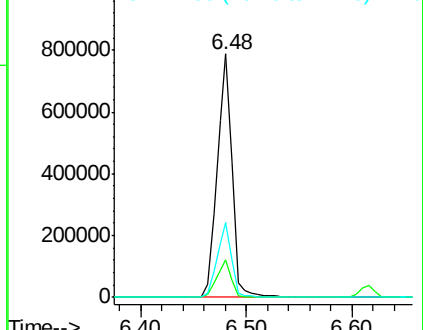
71 30.7 25.4 38.0



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

Tgt Ion: 136 Resp: 417644

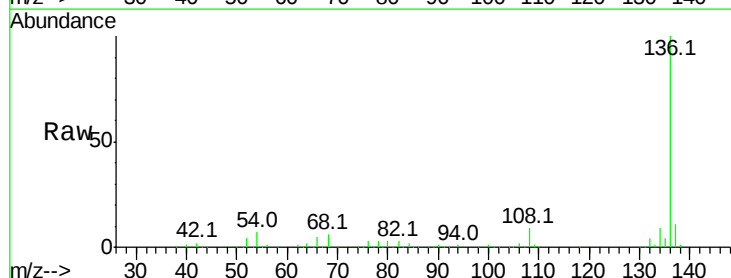
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4

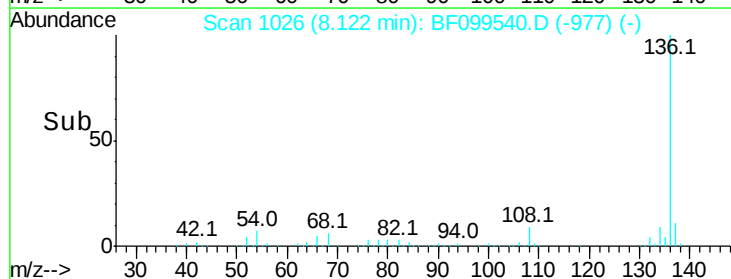
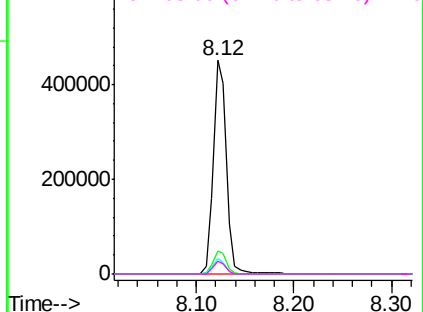


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.128 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

Instrument :

BNA_F

ClientSampleId :

ENV-104-2(0-5)

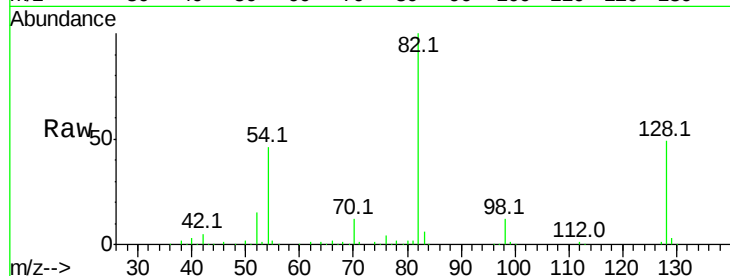
Tot Ion: 82 Resp: 469728

Ion Ratio Lower Upper

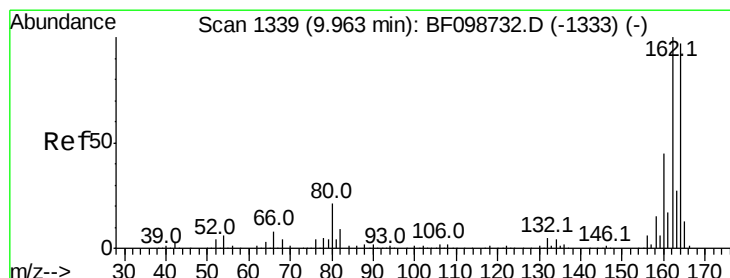
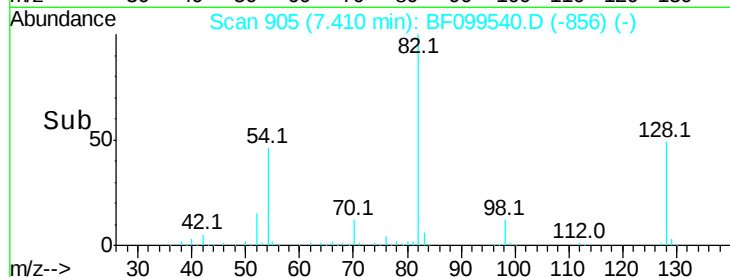
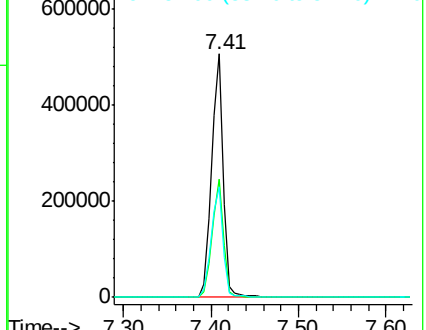
82 100

128 48.7 36.1 54.1

54 45.6 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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

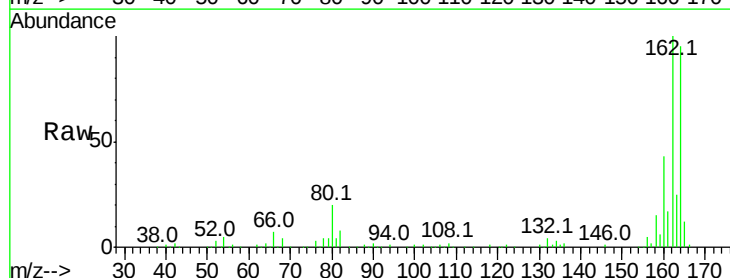
Tgt Ion:164 Resp: 181332

Ion Ratio Lower Upper

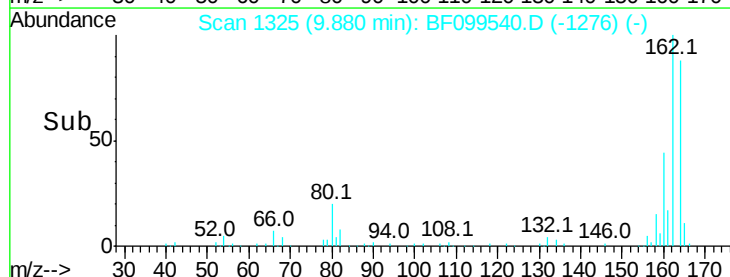
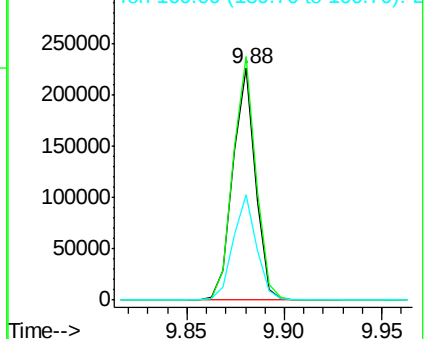
164 100

162 105.1 86.1 129.1

160 45.7 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

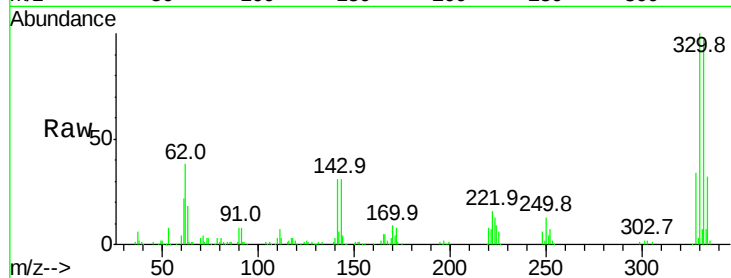




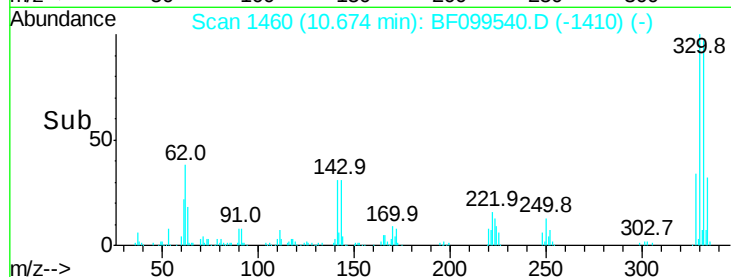
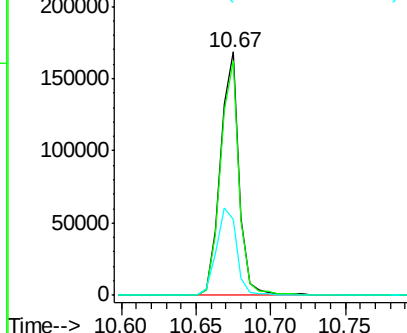
#41
 2,4,6-Tribromophenol
 Concen: 100.616 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

Instrument :
 BNA_F
 ClientSampleId :
 ENV-104-2(0-5)

Tot Ion:330 Resp: 149293
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 39.0 29.9 44.9

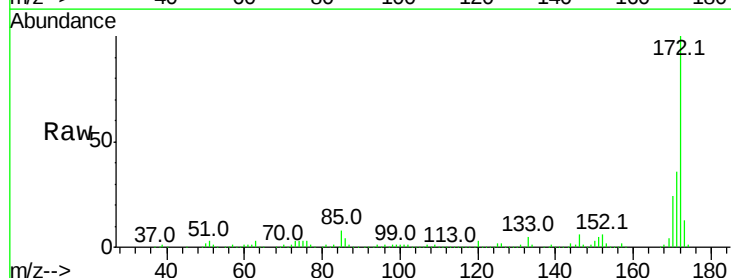


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

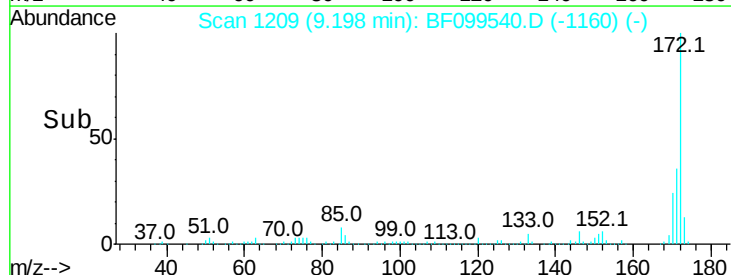
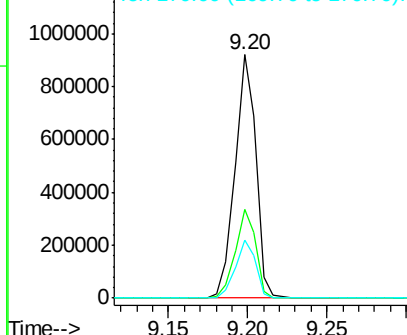


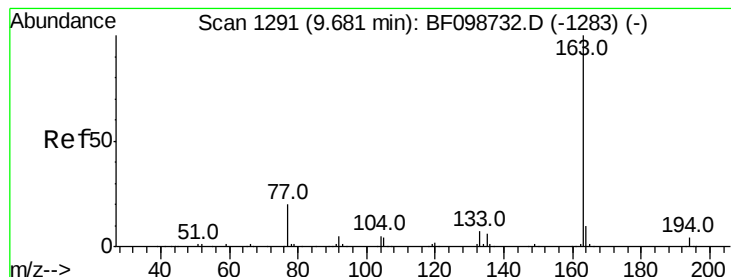
#44
 2-Fluorobiphenyl
 Concen: 77.711 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

Tgt Ion:172 Resp: 844093
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.7 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: 10.084 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

Instrument :

BNA_F

ClientSampleId :

ENV-104-2(0-5)

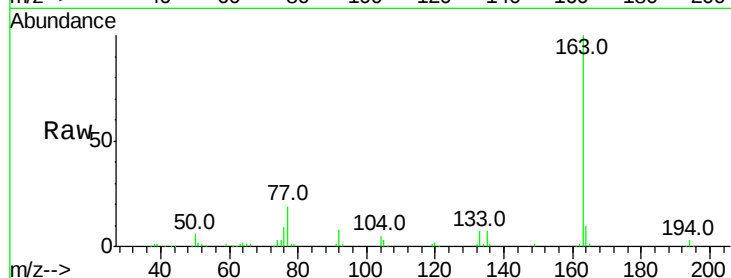
Tot Ion:163 Resp: 138009

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

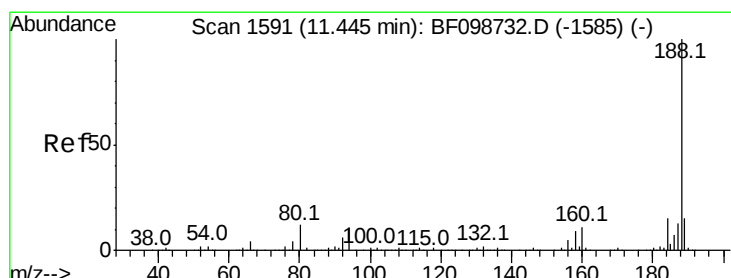
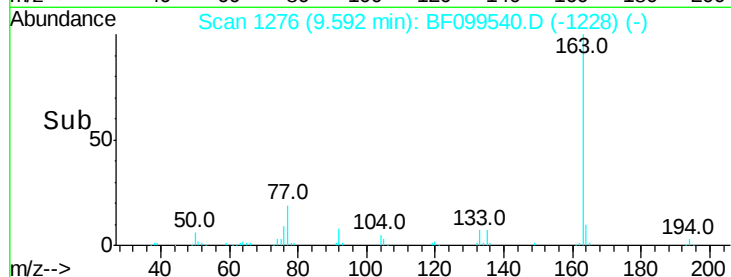
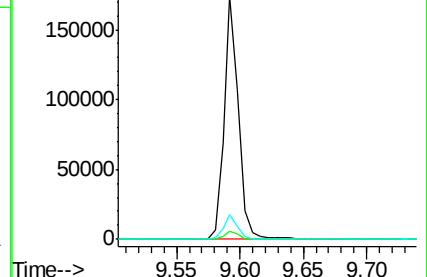
164 10.1 8.2 12.2



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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

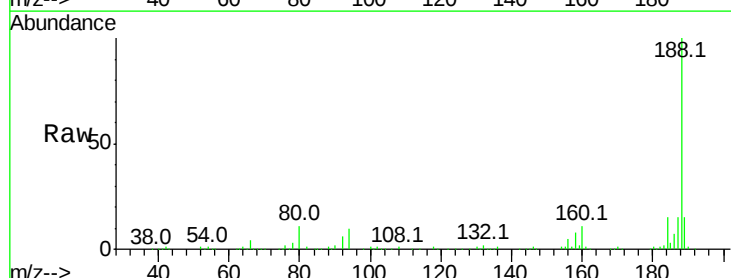
Tgt Ion:188 Resp: 300276

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

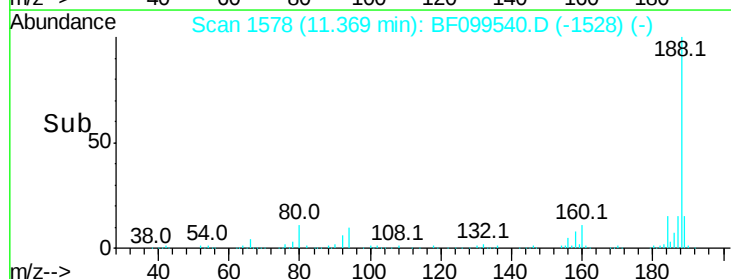
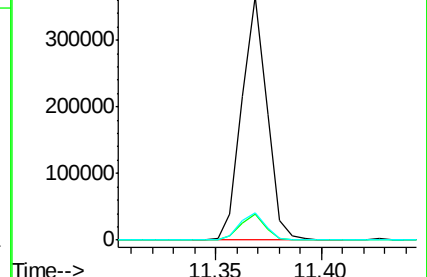
80 11.1 9.2 13.8

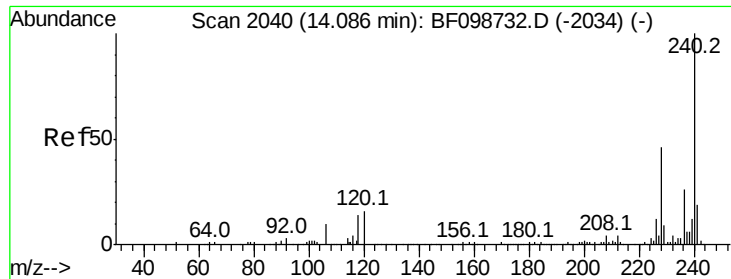


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

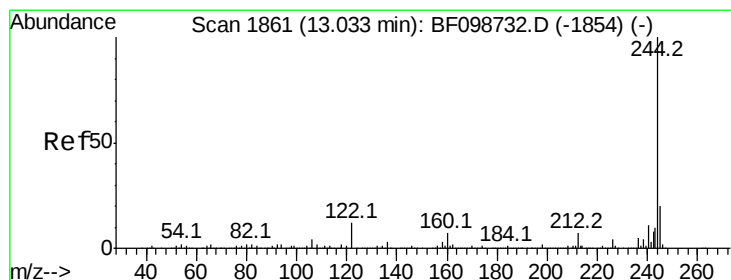
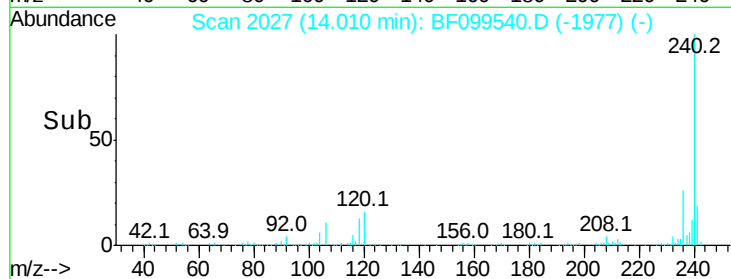
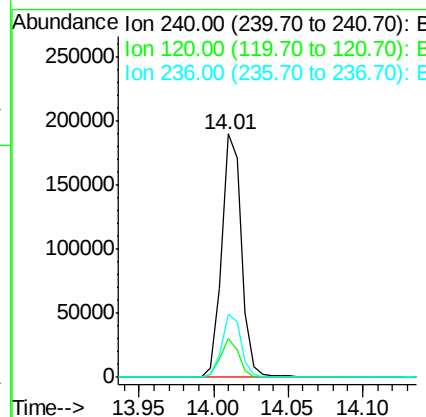
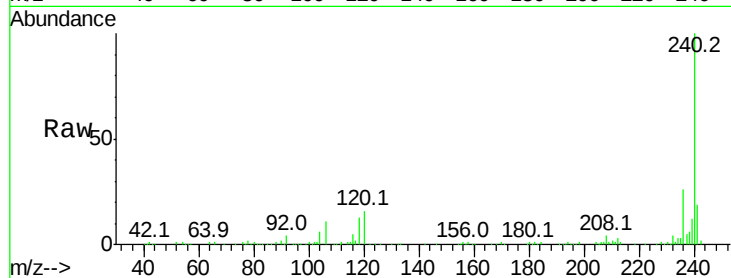




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

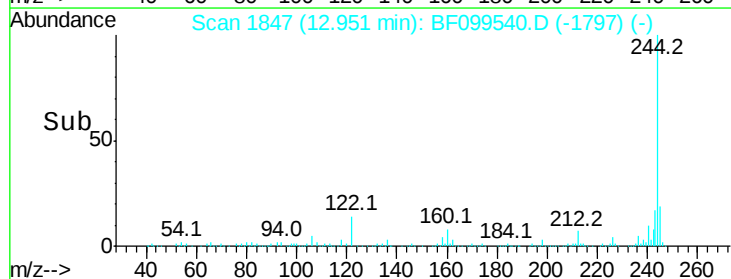
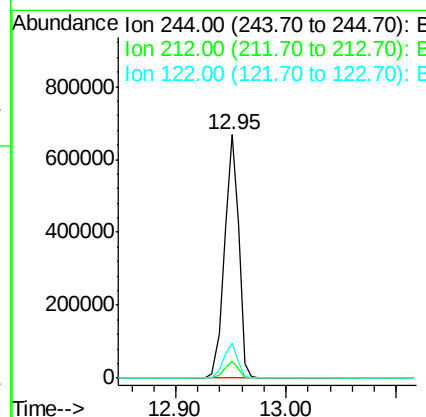
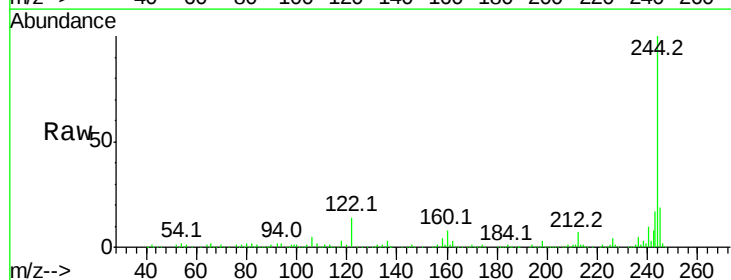
Instrument :
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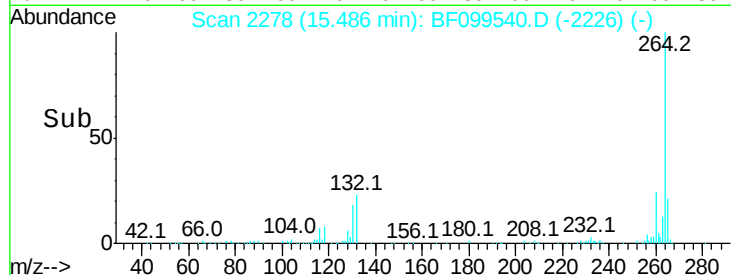
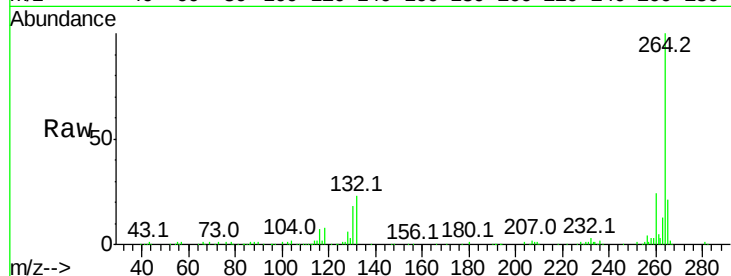
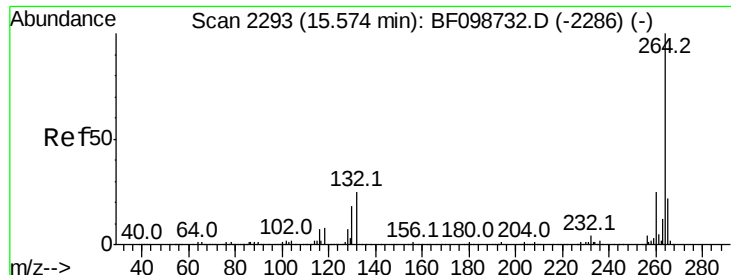
Tot Ion:240 Resp: 178418
 Ion Ratio Lower Upper
 240 100
 120 15.7 9.5 14.3#
 236 26.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 76.050 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

Tgt Ion:244 Resp: 596636
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.1 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099540.D
Acq: 16 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :
ENV-104-2(0-5)

Tot Ion:	264	Resp:	181115
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	20.9	17.5	26.3

