

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099341.D
 Acq On : 11 Oct 2017 12:54
 Operator : SJ/JU
 Sample : I5765-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-100917

Quant Time: Oct 11 16:29:48 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	107588	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	442956	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	203798	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	359306	20.00	ng	0.00
75) Chrysene-d12	14.01	240	204357	20.00	ng	0.00
86) Perylene-d12	15.47	264	183477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	813401	120.35	ng	0.02
7) Phenol-d6	6.49	99	868933	104.22	ng	0.00
23) Nitrobenzene-d5	7.42	82	677524	98.09	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	239421	143.57	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1241612	101.71	ng	0.00
78) Terphenyl-d14	12.96	244	1023955	113.95	ng	0.00

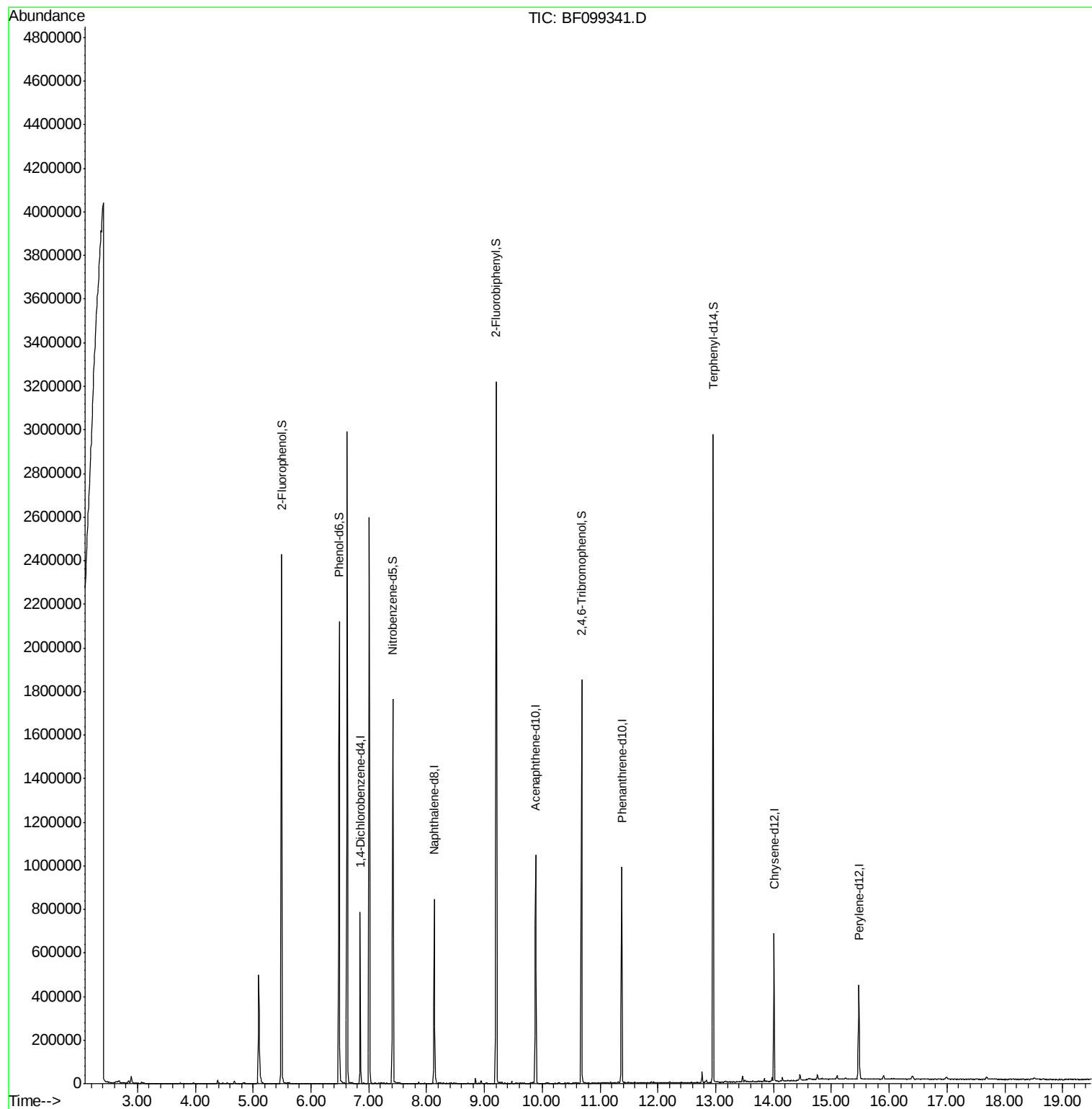
Target Compounds Qvalue

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

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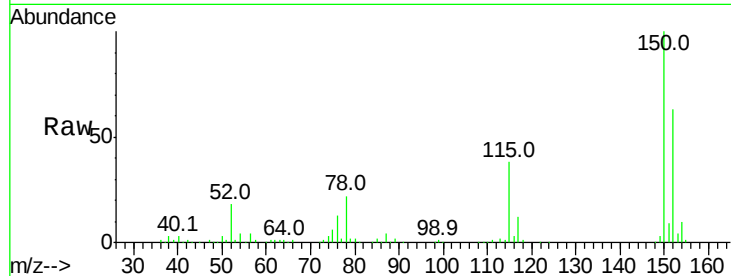


#1

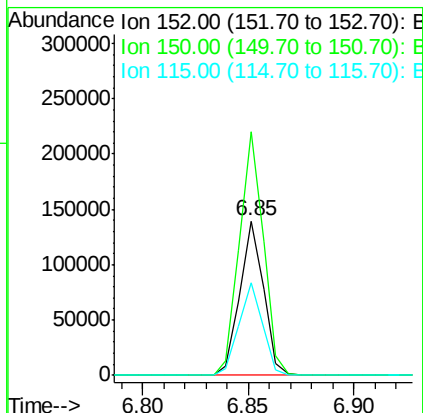
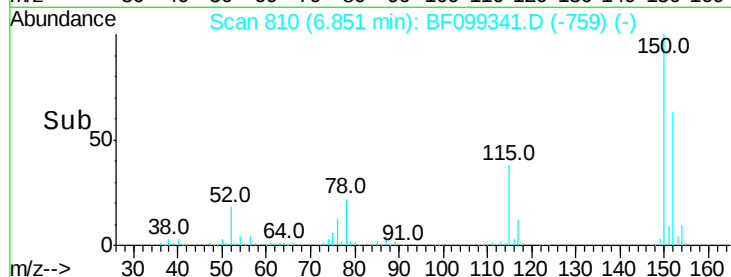
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

Instrument :
BNA_F
ClientSampleId :
BU-03-100917

Tot Ion:152 Resp: 107588
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 60.1 50.1 75.1



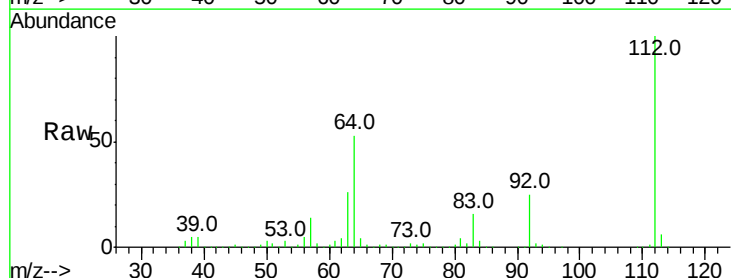
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



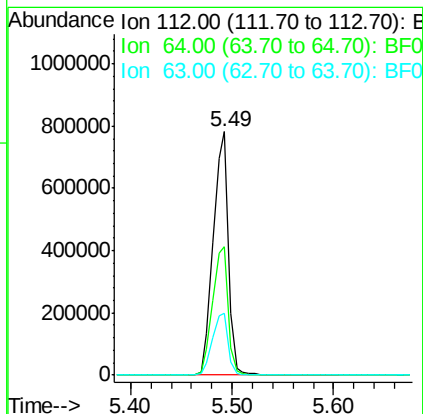
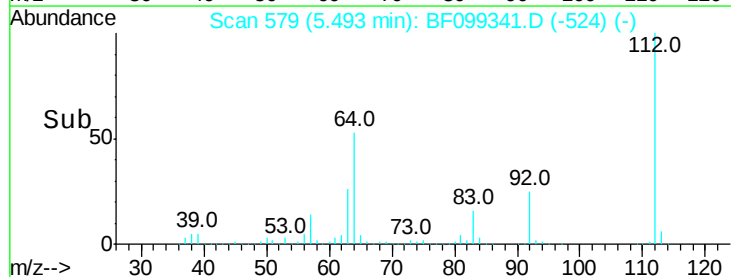
#5

2-Fluorophenol
Concen: 120.353 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

Tgt Ion:112 Resp: 813401
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 25.7 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: 104.222 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

Instrument :

BNA_F

ClientSampleId :

BU-03-100917

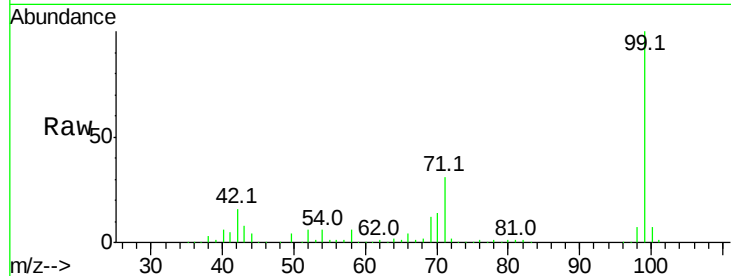
Tot Ion: 99 Resp: 868933

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

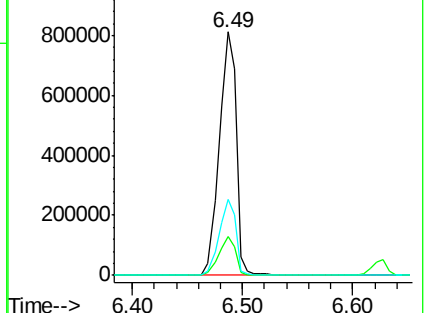
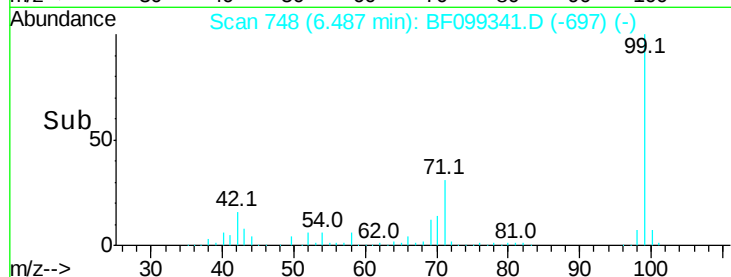
71 31.3 25.4 38.0



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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

Tgt Ion: 136 Resp: 442956

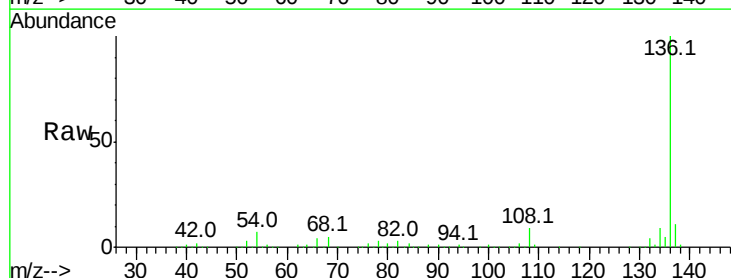
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.0 6.6 9.8

68 5.1 5.0 7.4

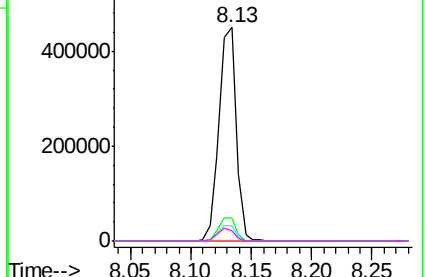
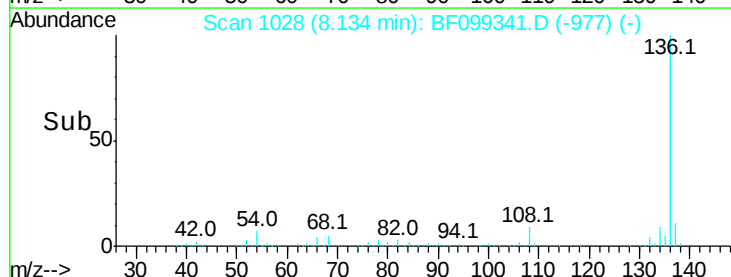


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.090 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

Instrument :

BNA_F

ClientSampleId :

BU-03-100917

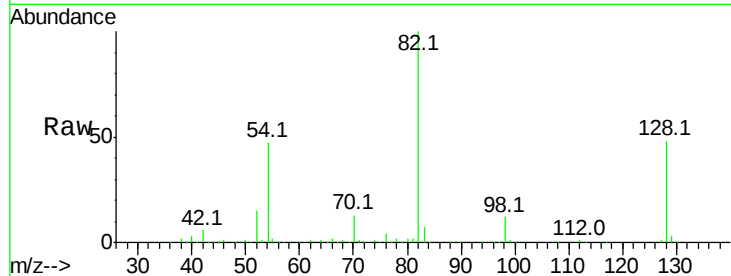
Tot Ion: 82 Resp: 677524

Ion Ratio Lower Upper

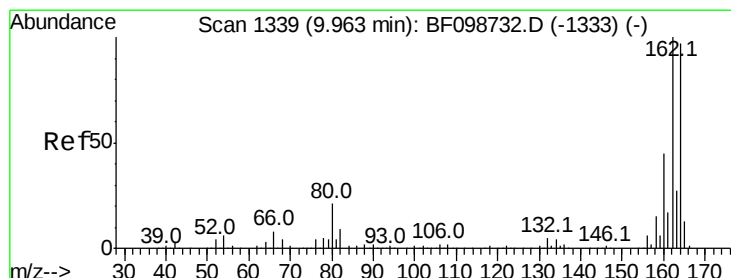
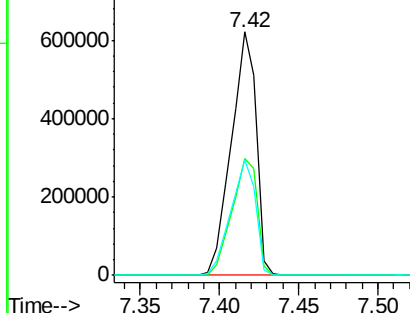
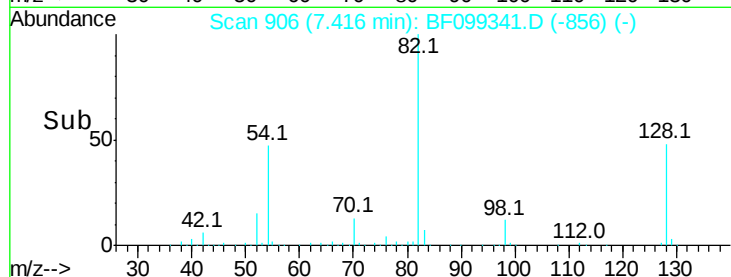
82 100

128 48.1 36.1 54.1

54 47.3 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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

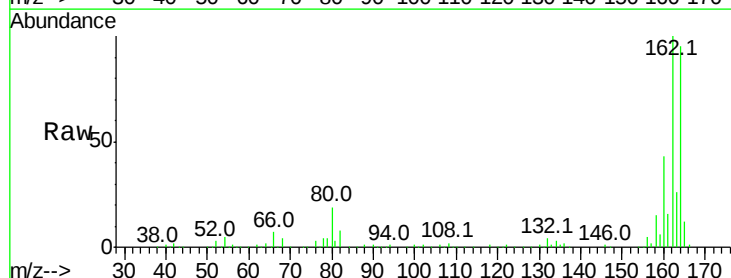
Tgt Ion:164 Resp: 203798

Ion Ratio Lower Upper

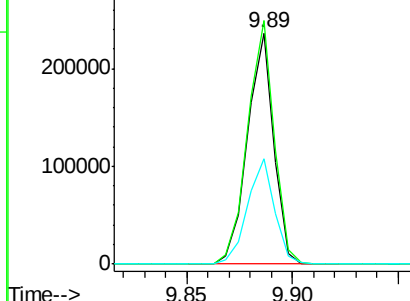
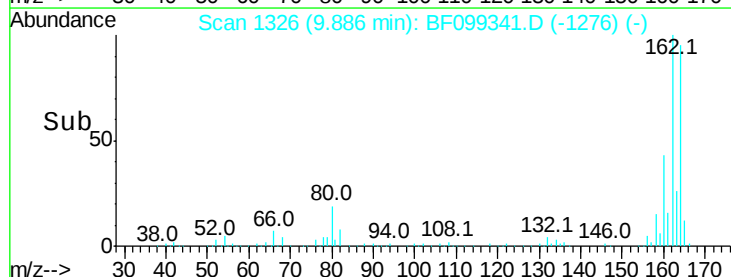
164 100

162 105.2 86.1 129.1

160 45.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

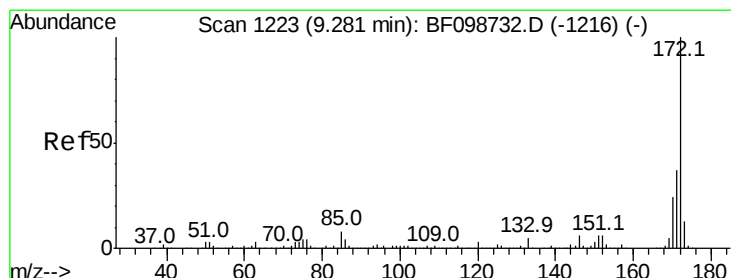
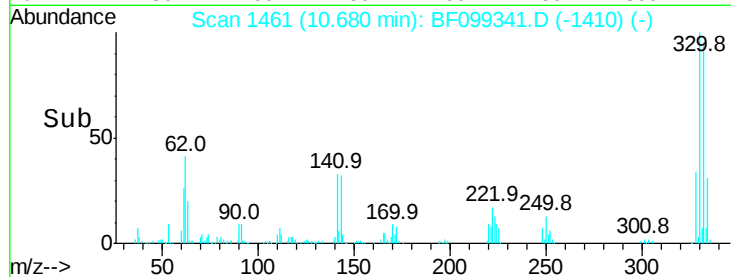
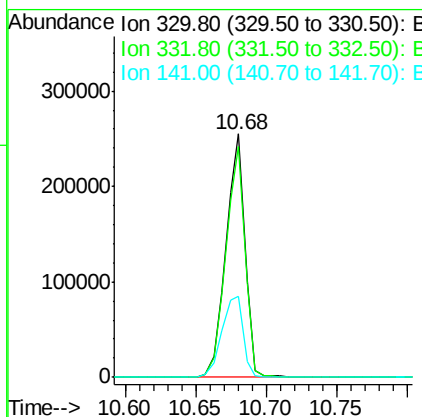
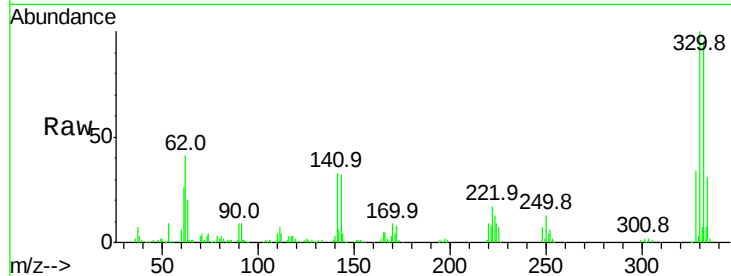




#41
 2,4,6-Tribromophenol
 Concen: 143.570 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099341.D
 Acq: 11 Oct 2017 12:54

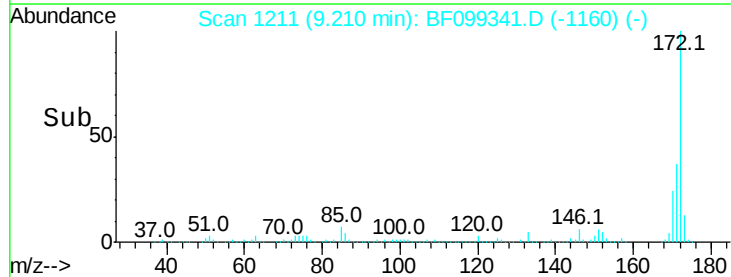
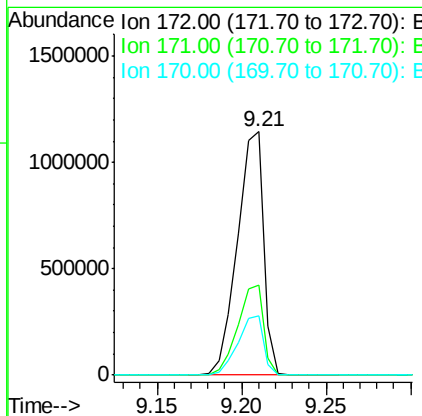
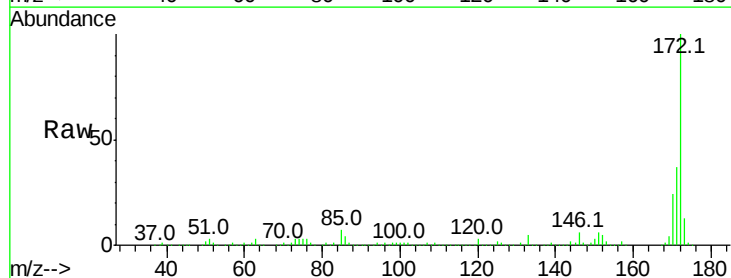
Instrument :
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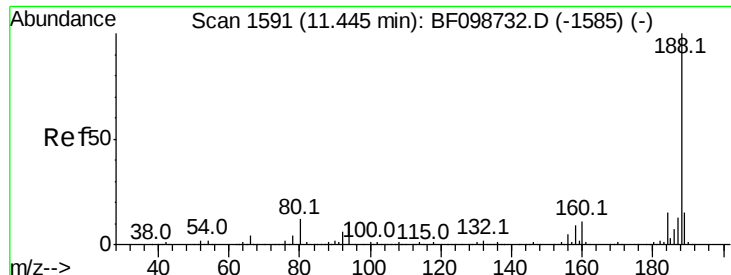
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 101.707 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099341.D
 Acq: 11 Oct 2017 12:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.3	19.6	29.4

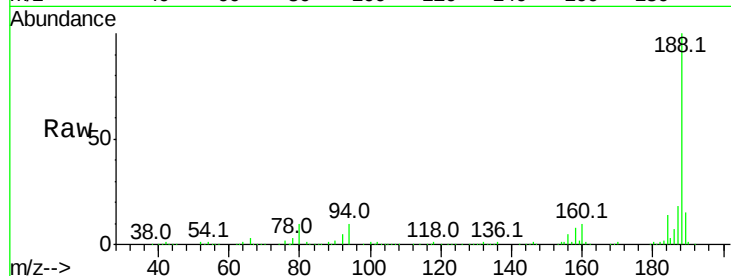




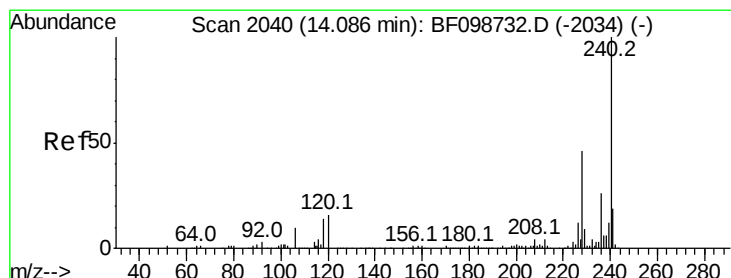
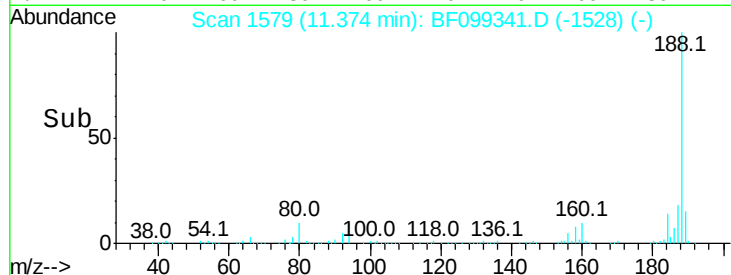
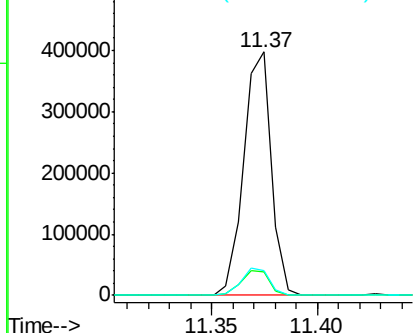
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

Instrument :
BNA_F
ClientSampleId :
BU-03-100917

Tot Ion:188 Resp: 359306
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 9.9 9.2 13.8

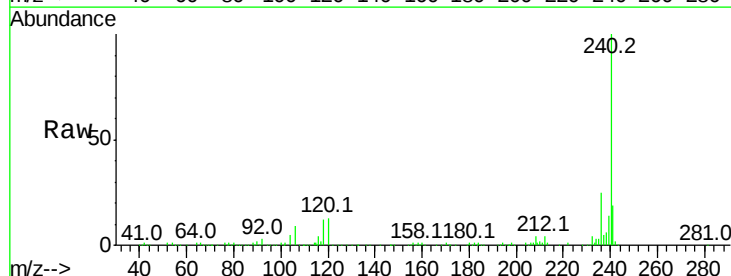


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

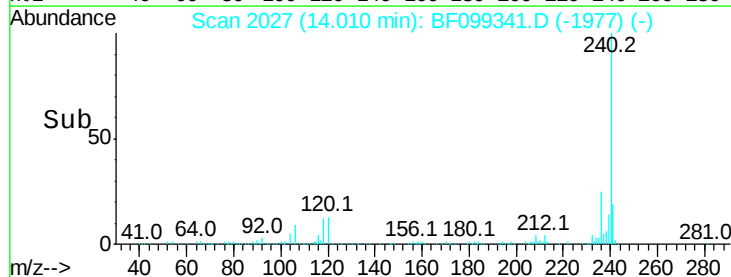
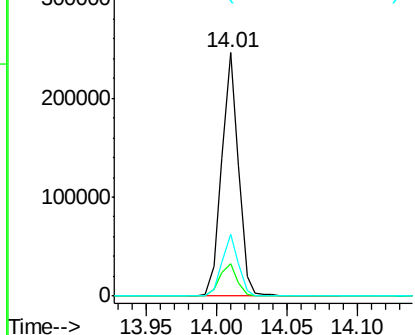


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

Tgt Ion:240 Resp: 204357
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.3 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: 113.952 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

Instrument :

BNA_F

ClientSampleId :

BU-03-100917

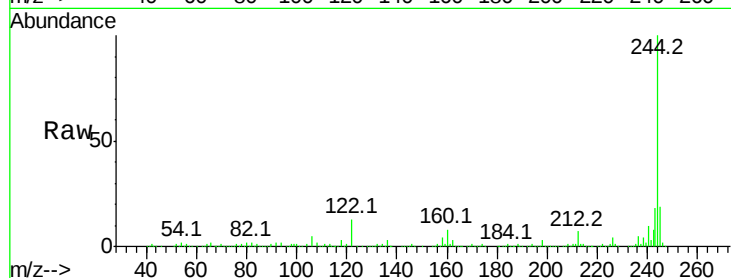
Tot Ion:244 Resp: 1023955

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

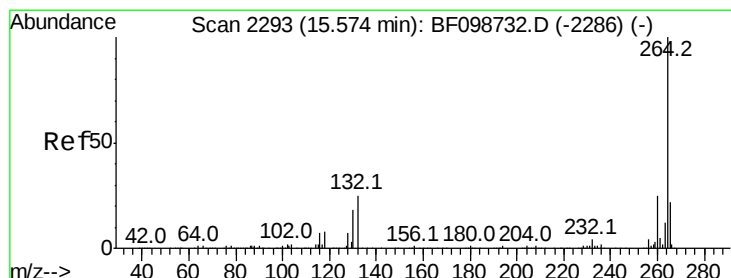
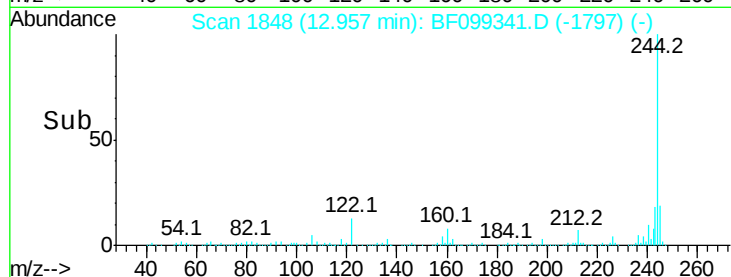
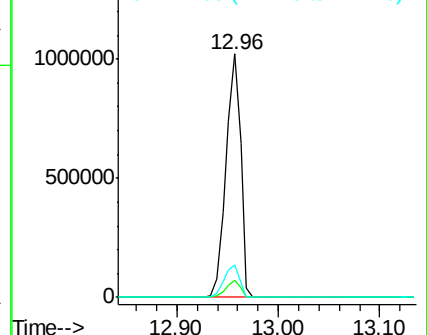
122 13.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

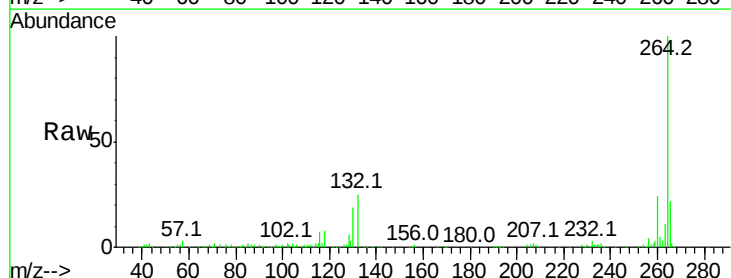
Tgt Ion:264 Resp: 183477

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.7 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

