

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099841.D
 Acq On : 26 Oct 2017 5:13
 Operator : SJ/JU
 Sample : I6024-26
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-13

Quant Time: Oct 26 08:54:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	67000	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	273634	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	123810	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	223795	20.00	ng	0.00
75) Chrysene-d12	13.98	240	190848	20.00	ng	0.00
86) Perylene-d12	15.46	264	166495	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	173313	40.61	ng	0.00
7) Phenol-d6	6.43	99	128055	25.31	ng	0.00
23) Nitrobenzene-d5	7.36	82	369802	87.01	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	99711	88.37	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	757296	94.37	ng	0.00
78) Terphenyl-d14	12.92	244	695673	79.66	ng	0.00

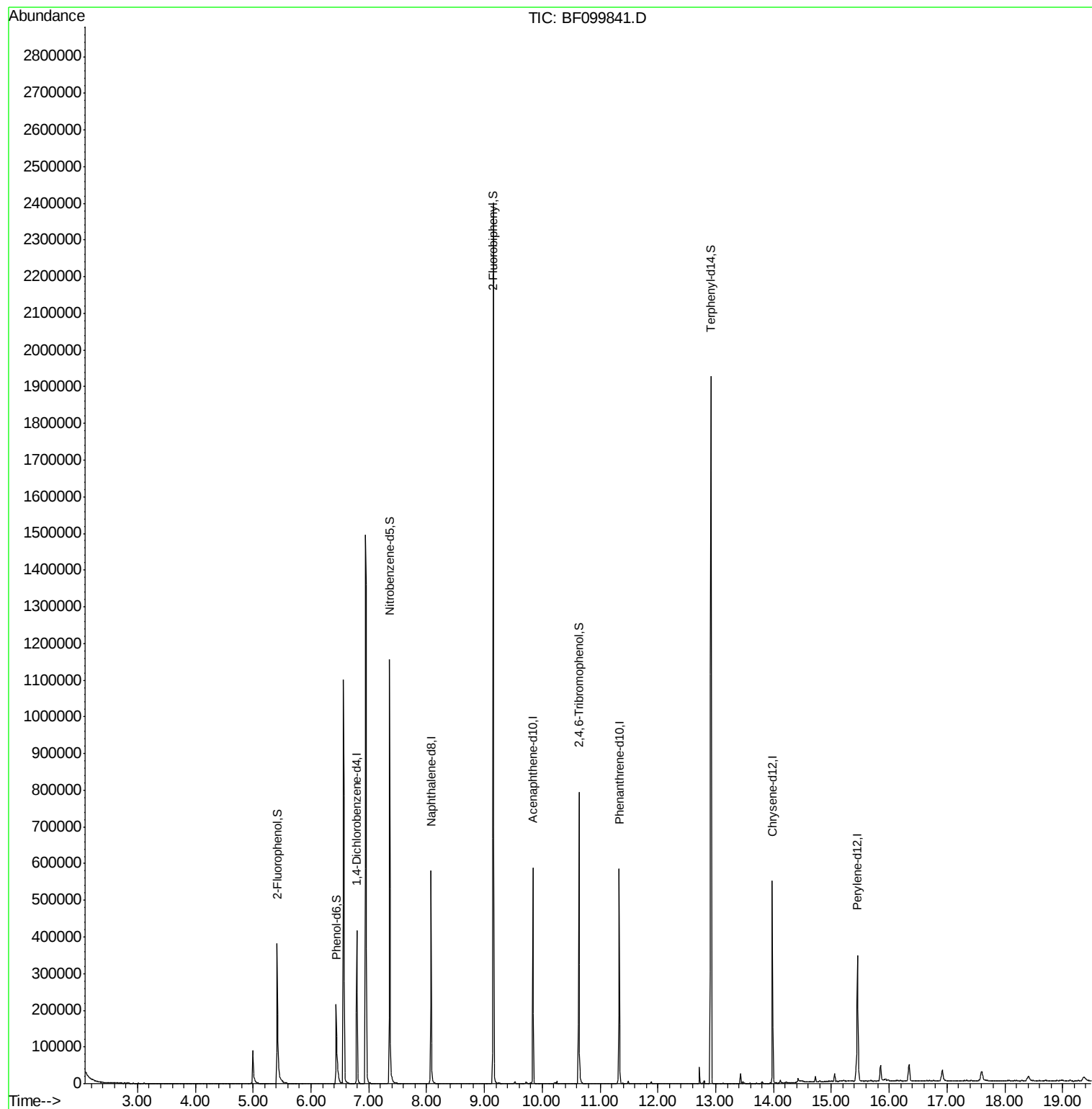
Target Compounds	Qvalue
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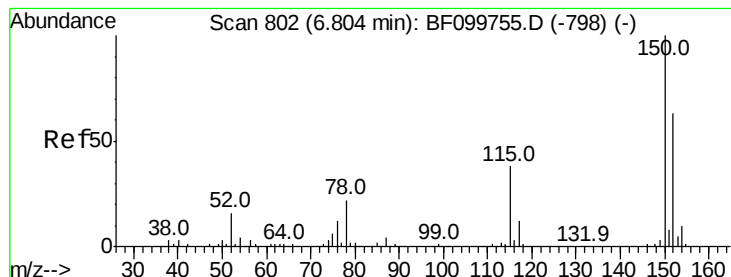
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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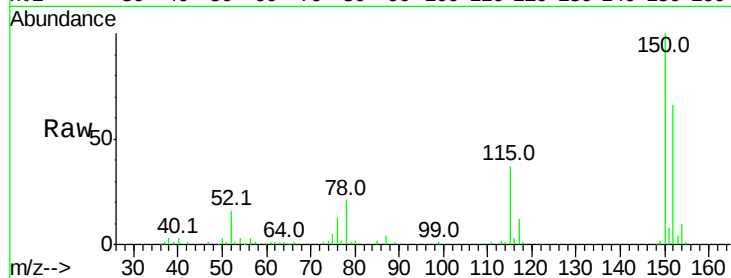


#1

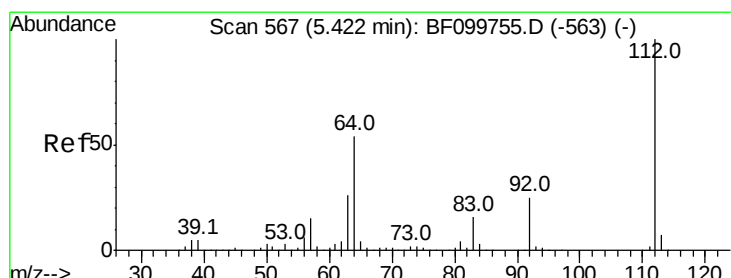
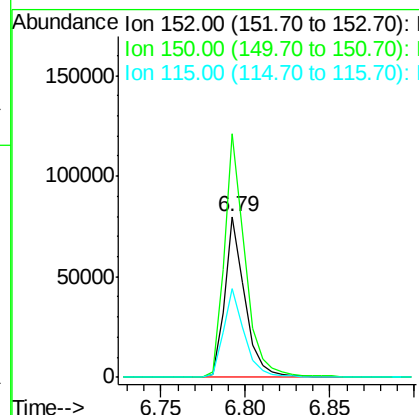
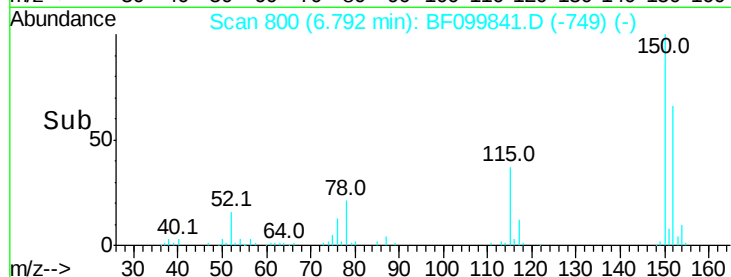
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Instrument :
 BNA_F
 ClientSampleId :
 TWP-13

Tot Ion:152 Resp: 67000
 Ion Ratio Lower Upper
 152 100
 150 151.4 124.6 186.8
 115 55.3 50.1 75.1



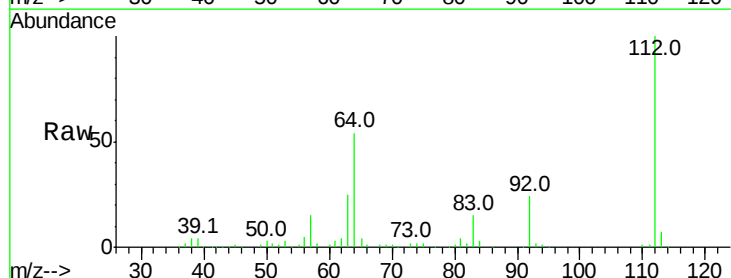
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



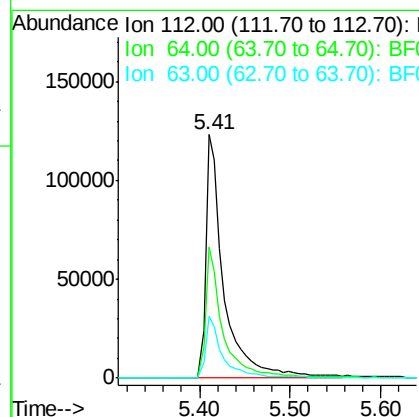
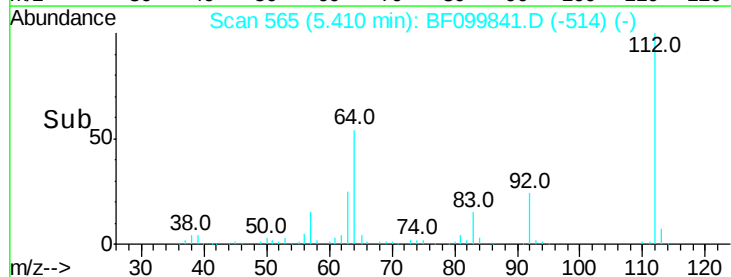
#5

2-Fluorophenol
 Concen: 40.611 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Tgt Ion:112 Resp: 173313
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.9 71.9
 63 25.5 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: 25.306 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099841.D

Acq: 26 Oct 2017 5:13

Instrument :

BNA_F

ClientSampleId :

TWP-13

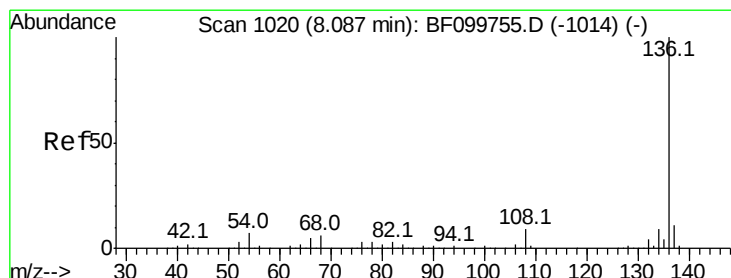
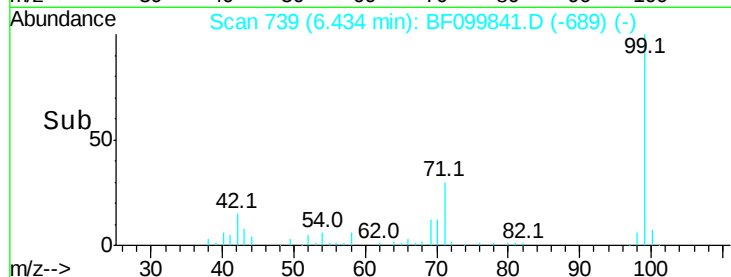
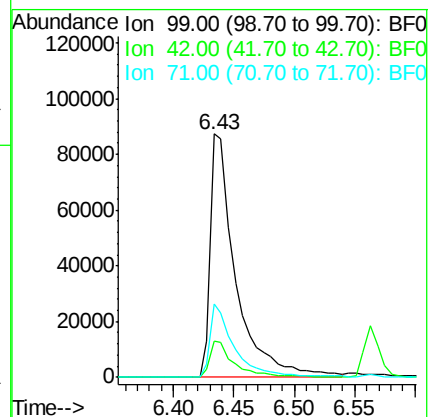
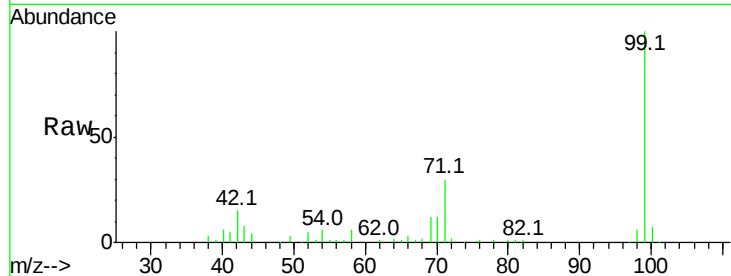
Tot Ion: 99 Resp: 128055

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

71 29.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099841.D

Acq: 26 Oct 2017 5:13

Tgt Ion: 136 Resp: 273634

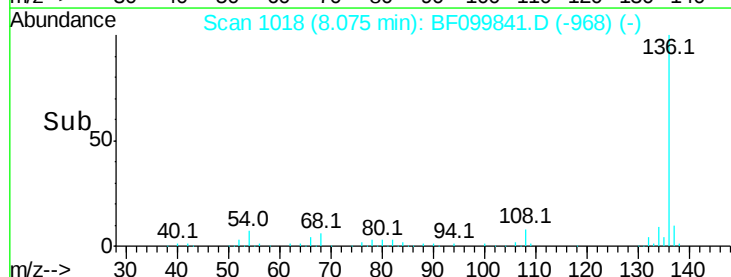
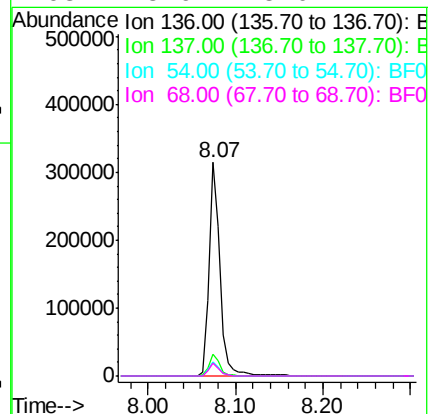
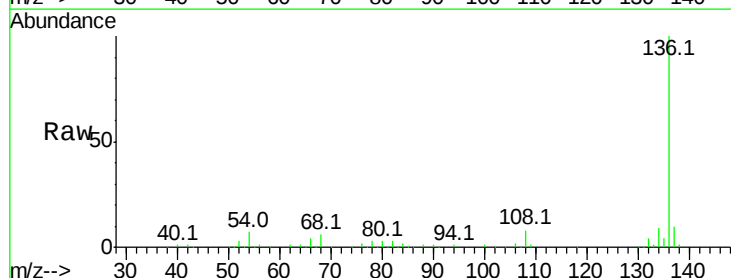
Ion Ratio Lower Upper

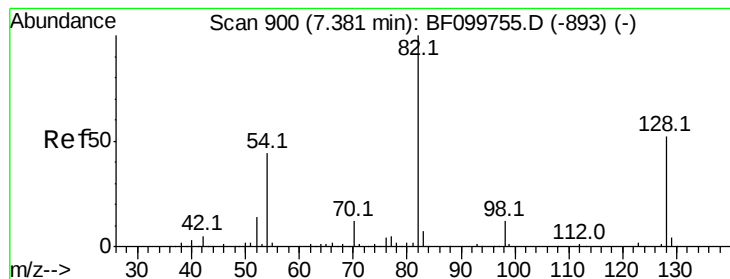
136 100

137 10.5 8.9 13.3

54 6.6 6.6 9.8

68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 87.007 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099841.D

Acq: 26 Oct 2017 5:13

Instrument :

BNA_F

ClientSampleId :

TWP-13

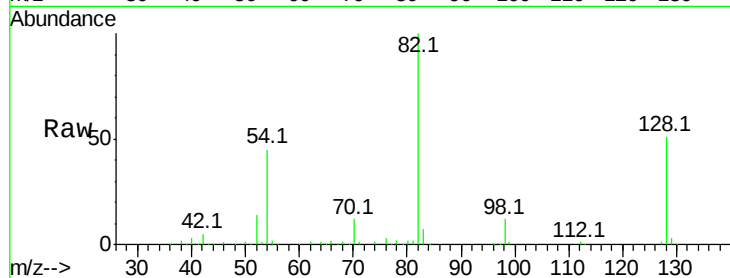
Tot Ion: 82 Resp: 369802

Ion Ratio Lower Upper

82 100

128 51.2 36.1 54.1

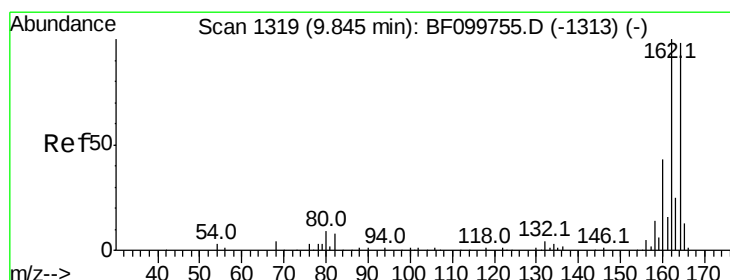
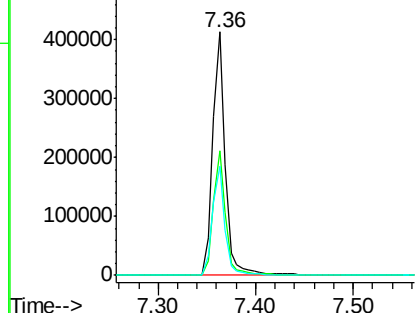
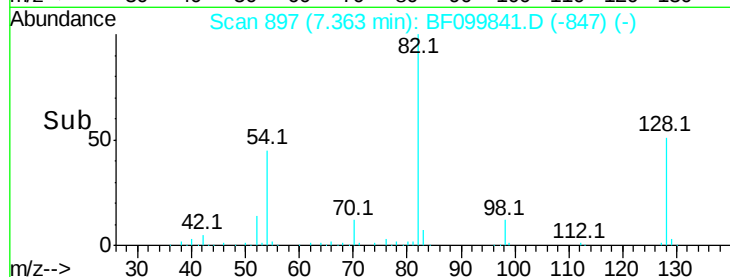
54 45.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099841.D

Acq: 26 Oct 2017 5:13

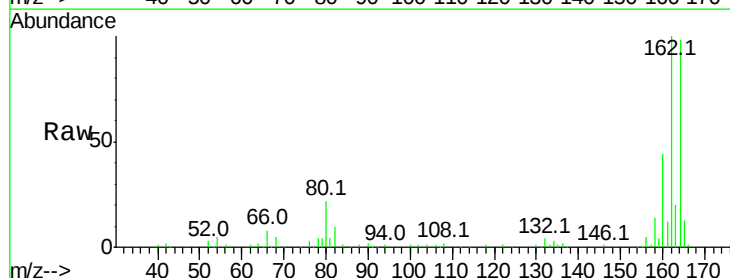
Tgt Ion: 164 Resp: 123810

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

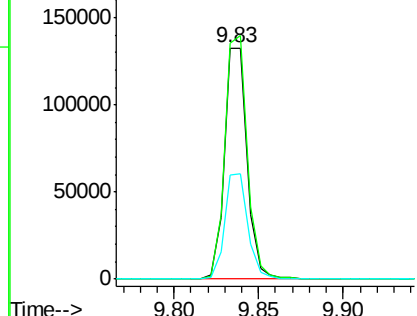
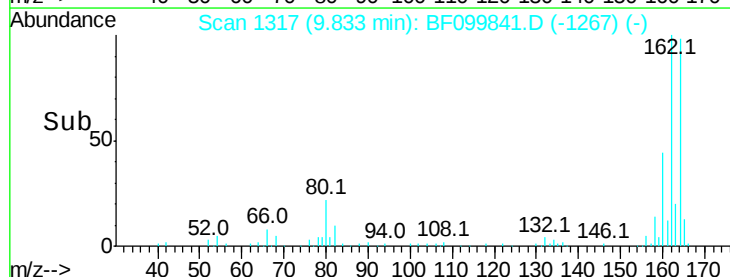
160 45.0 38.3 57.5



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

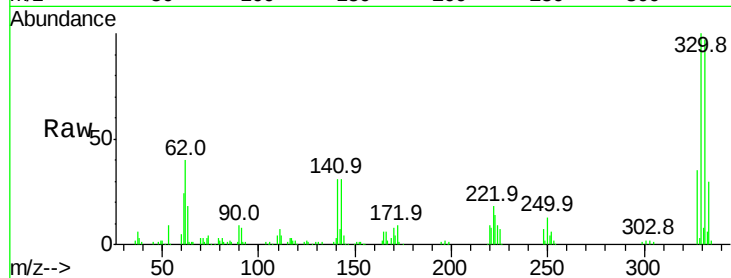




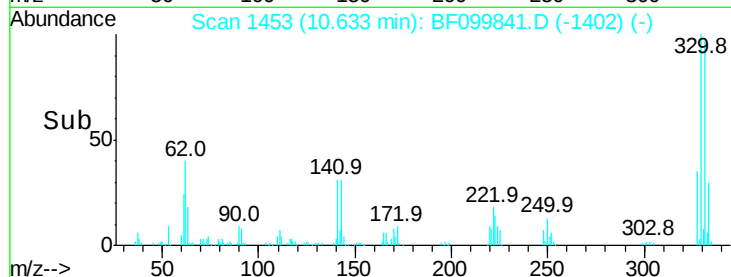
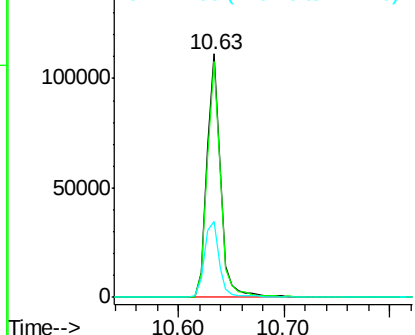
#41
 2,4,6-Tribromophenol
 Concen: 88.373 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Instrument :
 BNA_F
 ClientSampled :
 TWP-13

Tot Ion:330 Resp: 99711
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 34.4 29.9 44.9

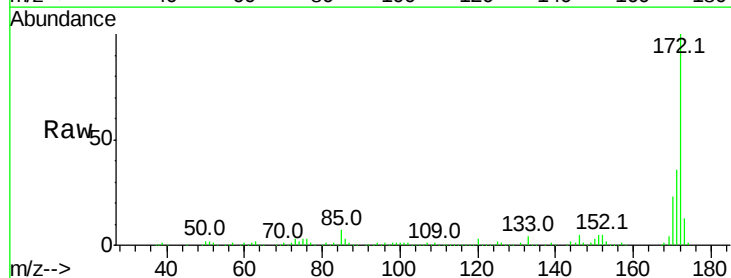


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

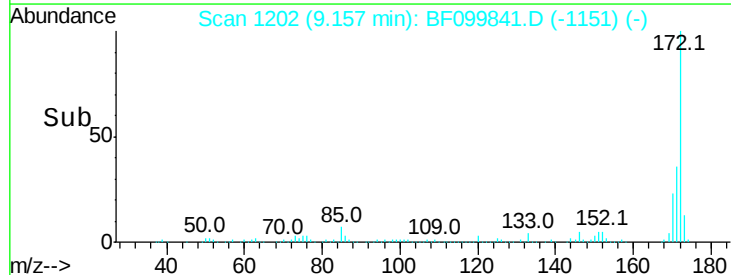
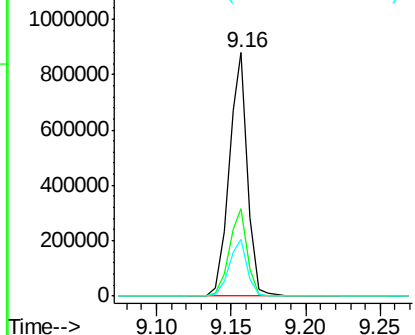


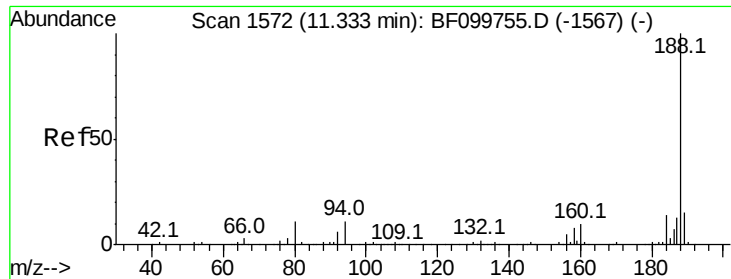
#44
 2-Fluorobiphenyl
 Concen: 94.369 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Tgt Ion:172 Resp: 757296
 Ion Ratio Lower Upper
 172 100
 171 35.9 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF099841.D

Acq: 26 Oct 2017 5:13

Instrument :

BNA_F

ClientSampleId :

TWP-13

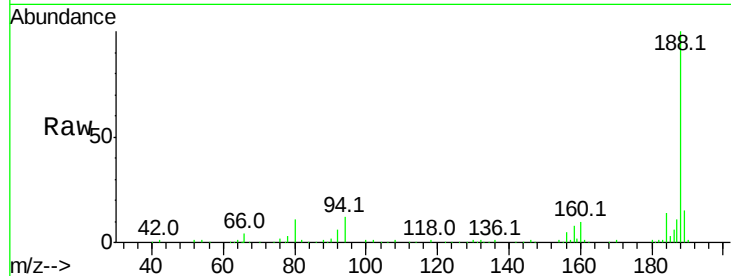
Tot Ion:188 Resp: 223795

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

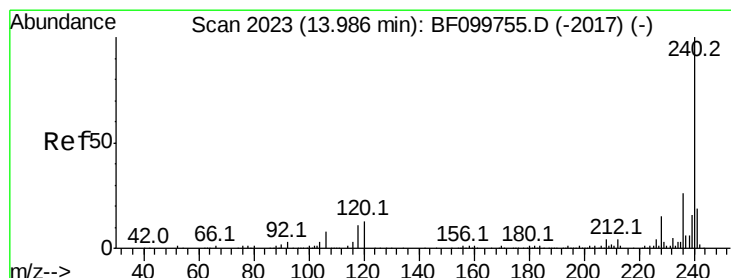
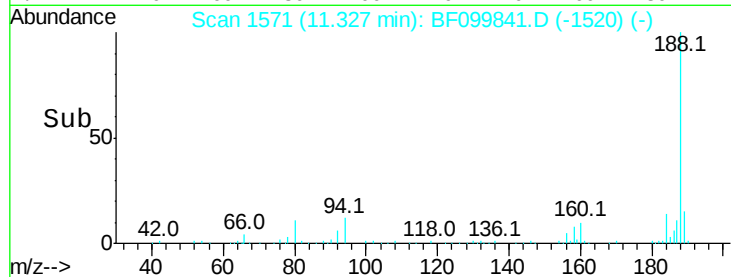
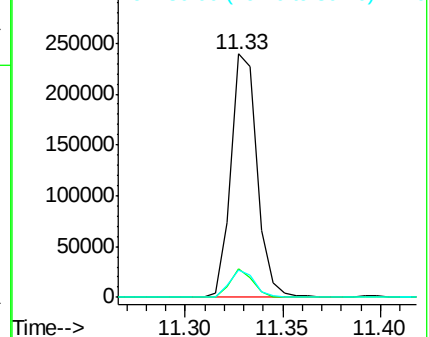
80 11.4 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF099841.D

Acq: 26 Oct 2017 5:13

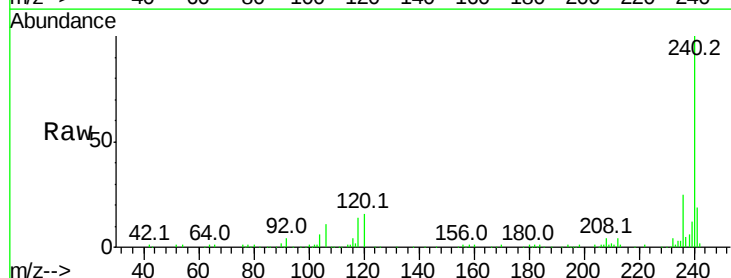
Tgt Ion:240 Resp: 190848

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

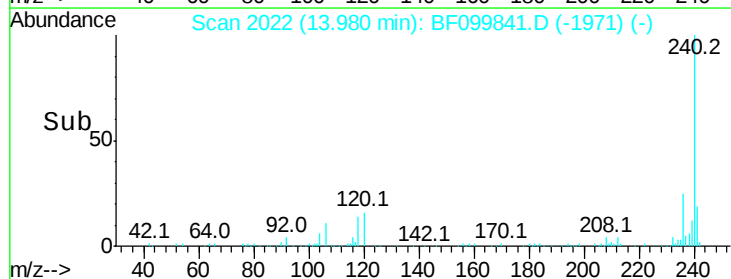
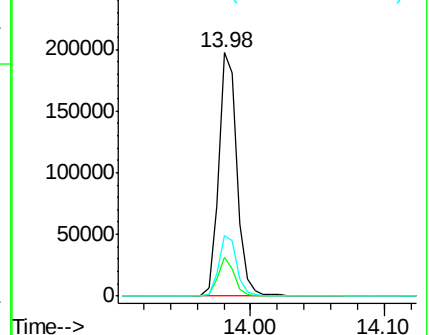
236 24.8 20.7 31.1

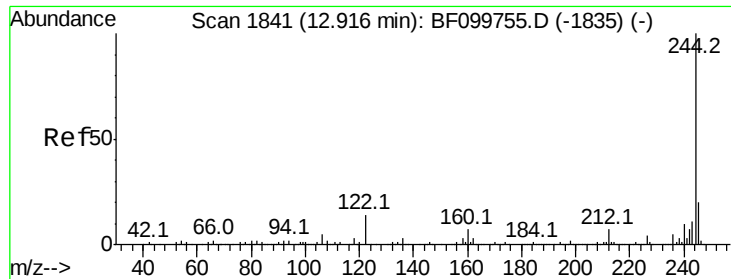


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

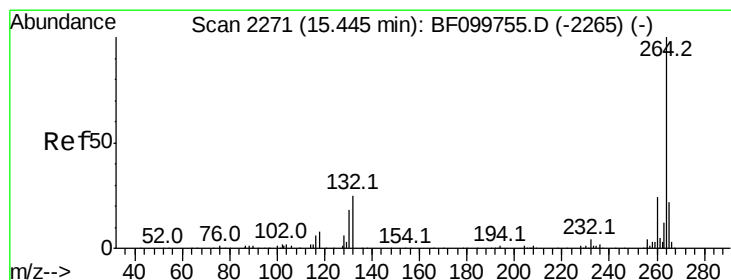
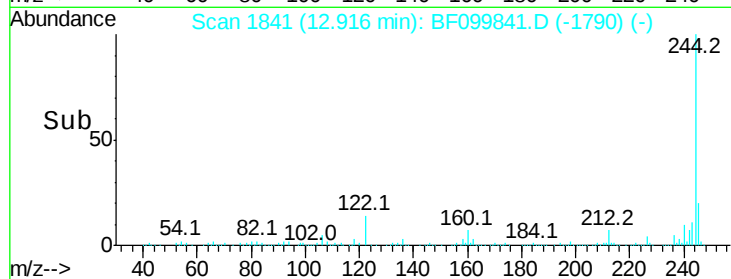
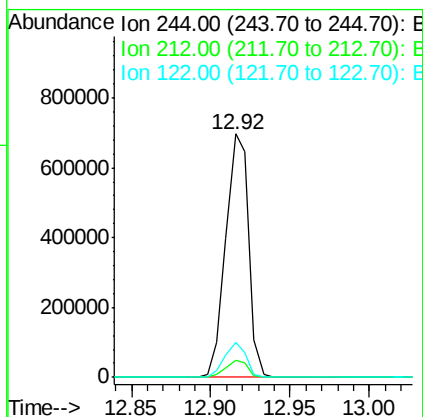
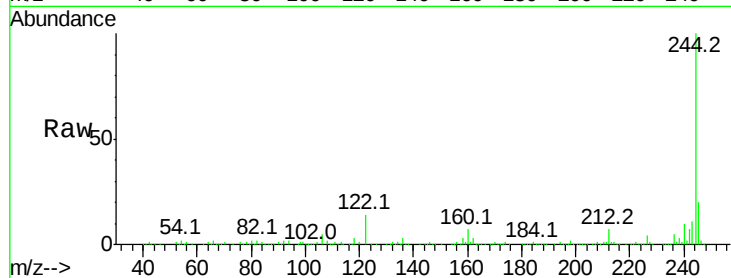




#78
 Terphenyl-d14
 Concen: 79.660 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Instrument :
 BNA_F
 ClientSampleId :
 TWP-13

Tot Ion:244 Resp: 695673
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Tgt Ion:264 Resp: 166495
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 17.5 26.3

