

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099590.D
 Acq On : 17 Oct 2017 19:28
 Operator : SJ/JU
 Sample : I5817-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-32

Quant Time: Oct 17 23:59:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

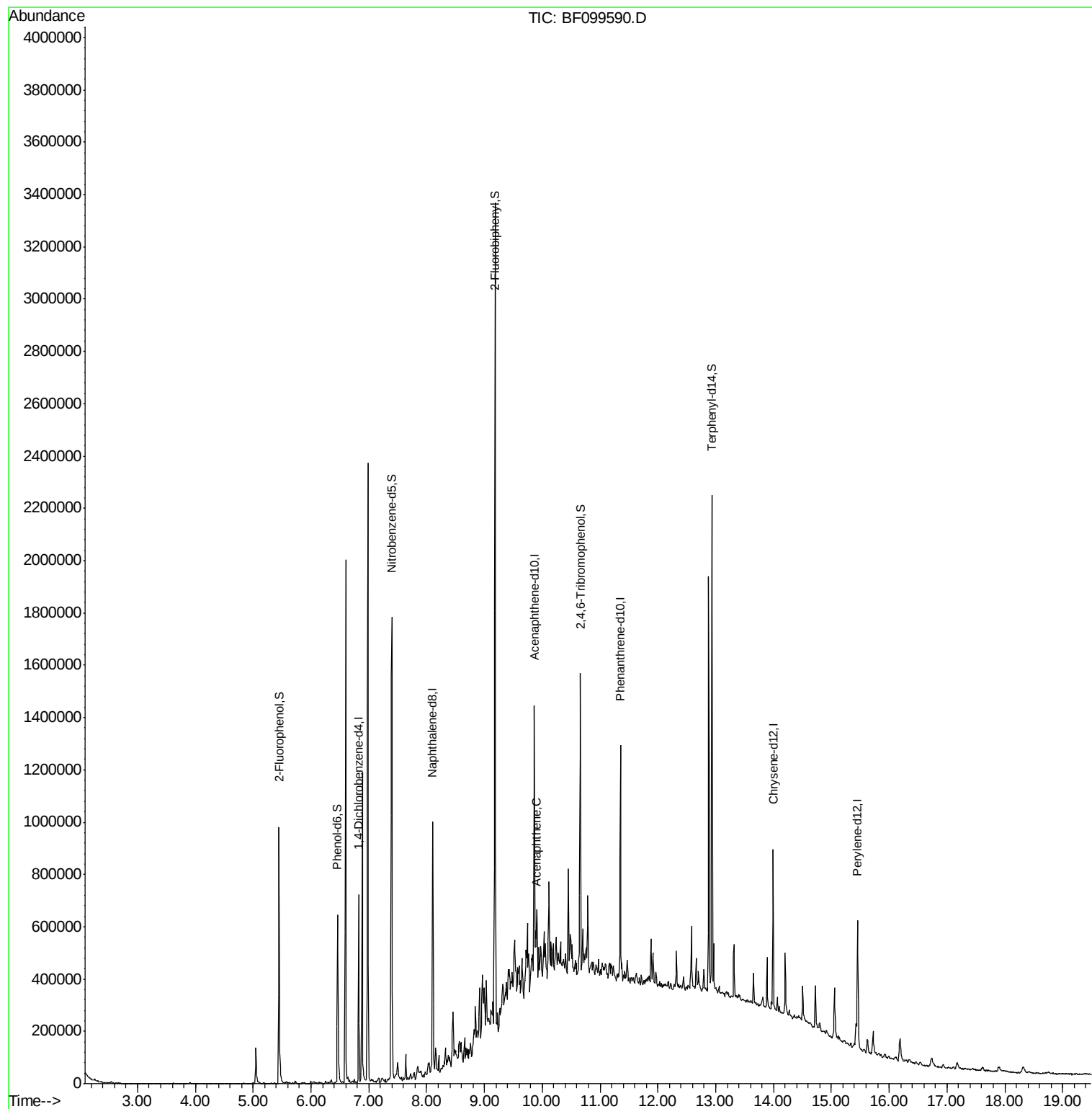
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116337	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	466669	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	194813	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	289529	20.00	ng	0.00
75) Chrysene-d12	13.99	240	187524	20.00	ng	0.00
86) Perylene-d12	15.46	264	199322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	324949	44.46	ng	0.00
7) Phenol-d6	6.46	99	244170	27.08	ng	-0.01
23) Nitrobenzene-d5	7.40	82	671462	92.27	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	143515	90.03	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1177670	100.92	ng	0.00
78) Terphenyl-d14	12.93	244	700120	84.91	ng	0.00
Target Compounds						
51) Acenaphthene	9.89	154	33390	2.739	ng	Qvalue 95

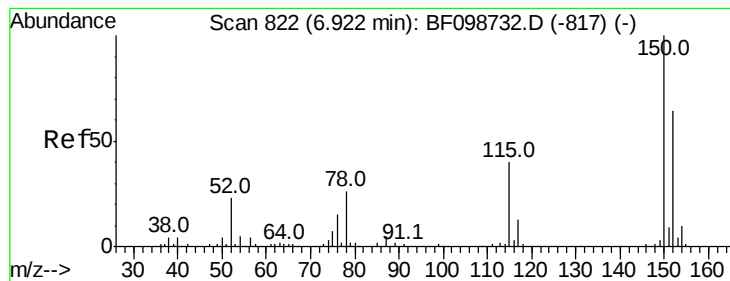
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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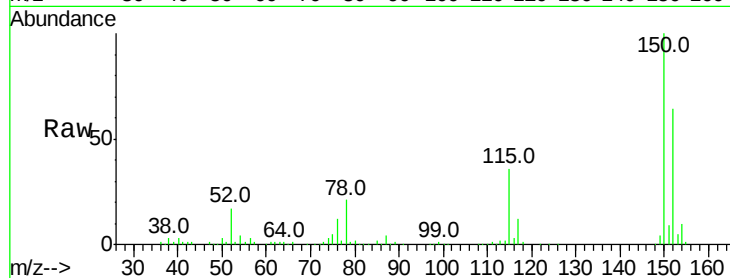


#1

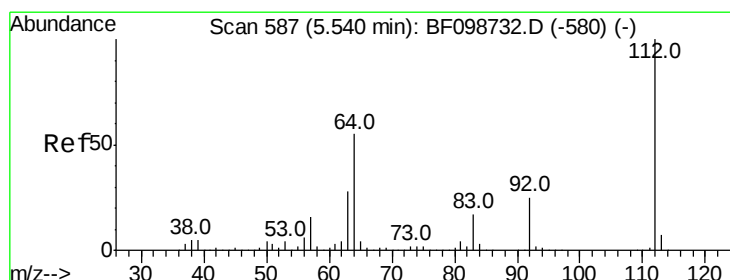
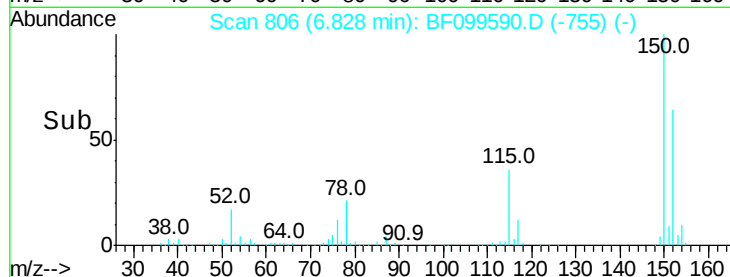
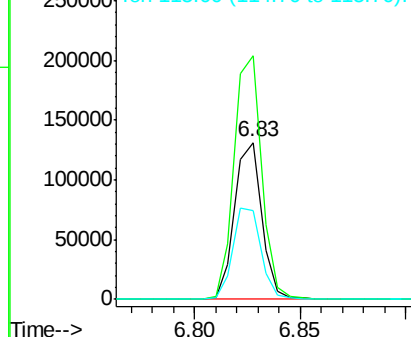
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099590.D
Acq: 17 Oct 2017 19:28

Instrument :
BNA_F
ClientSampleId :
HW-32

Tot Ion:152 Resp: 116337
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 56.6 50.1 75.1



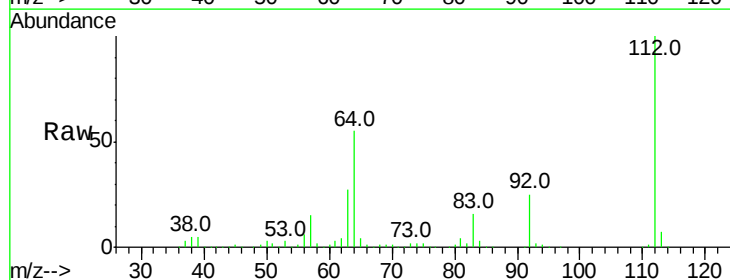
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



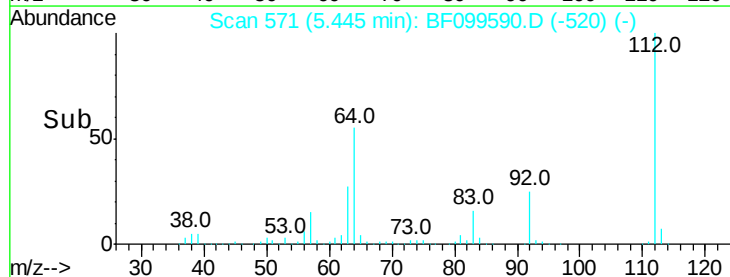
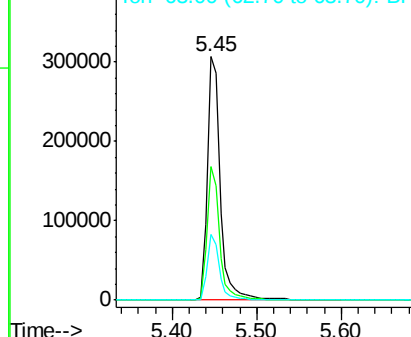
#5

2-Fluorophenol
Concen: 44.464 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF099590.D
Acq: 17 Oct 2017 19:28

Tgt Ion:112 Resp: 324949
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 26.8 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: 27.084 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

Instrument :

BNA_F

ClientSampleId :

HW-32

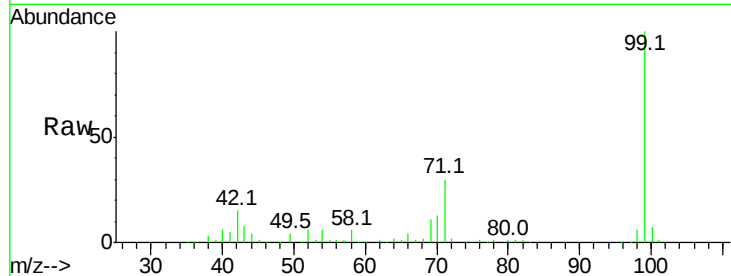
Tot Ion: 99 Resp: 244170

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

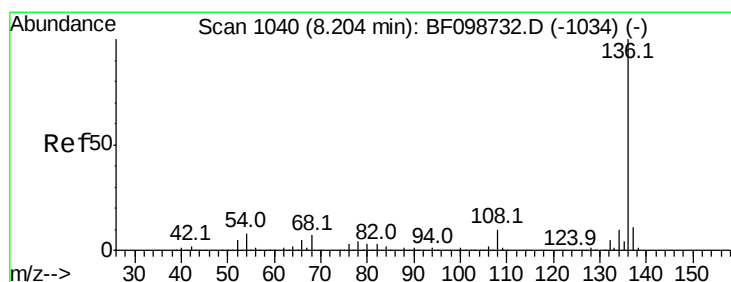
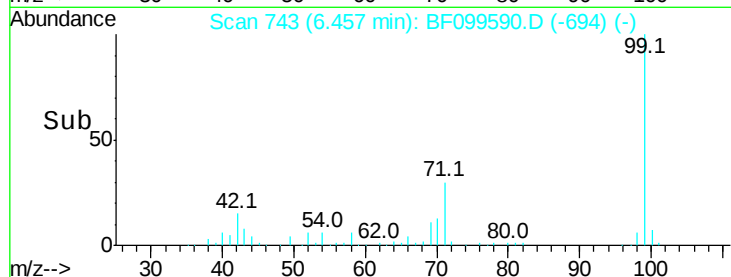
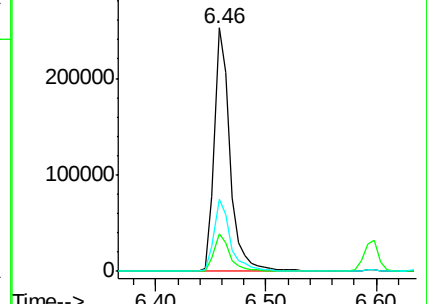
71 29.8 25.4 38.0



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: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

Tgt Ion: 136 Resp: 466669

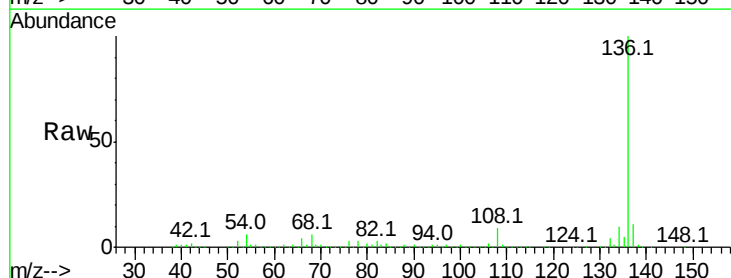
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4

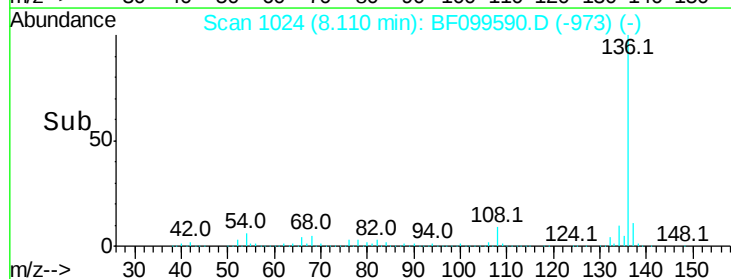
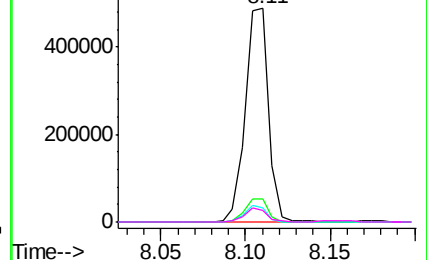


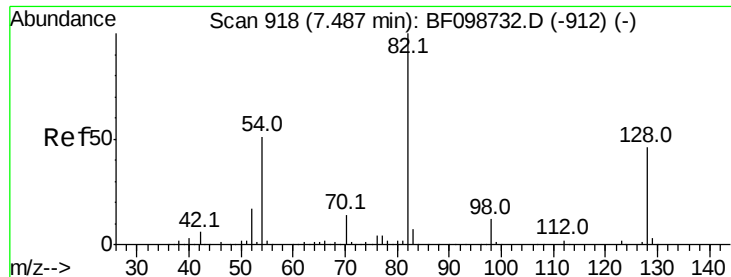
Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.273 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

Instrument :

BNA_F

ClientSampleId :

HW-32

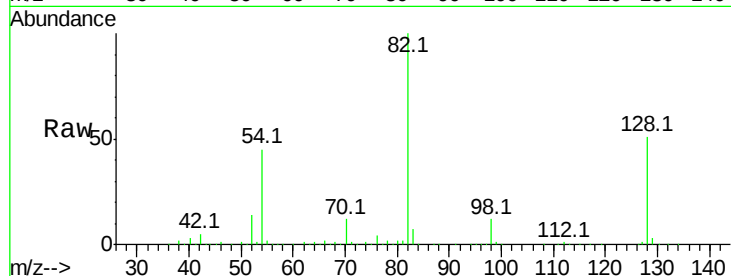
Tot Ion: 82 Resp: 671462

Ion Ratio Lower Upper

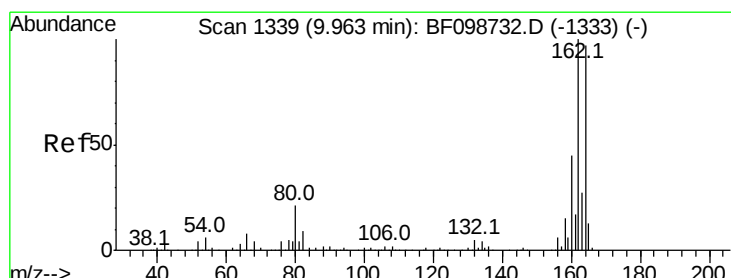
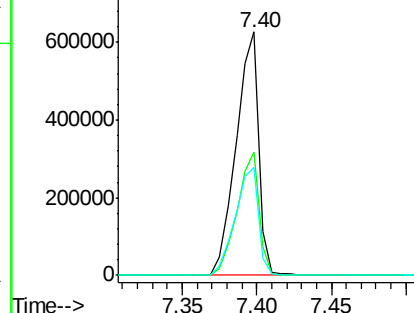
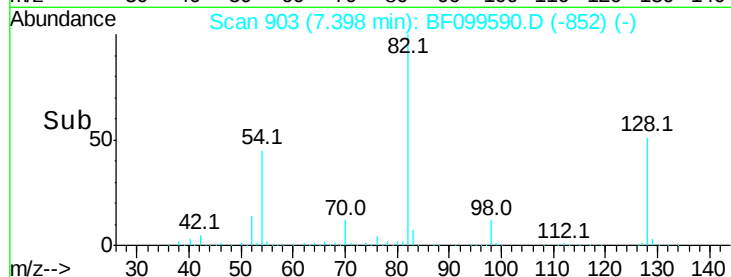
82 100

128 50.9 36.1 54.1

54 44.6 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: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

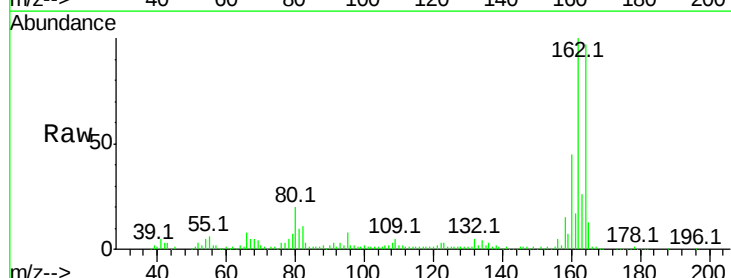
Tgt Ion:164 Resp: 194813

Ion Ratio Lower Upper

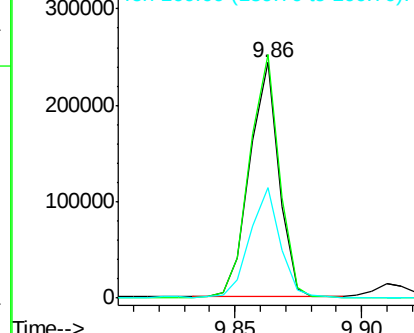
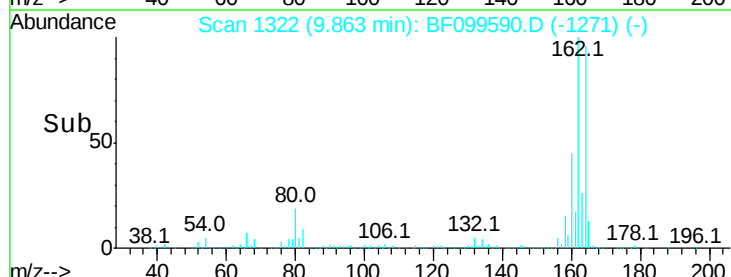
164 100

162 103.4 86.1 129.1

160 46.8 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

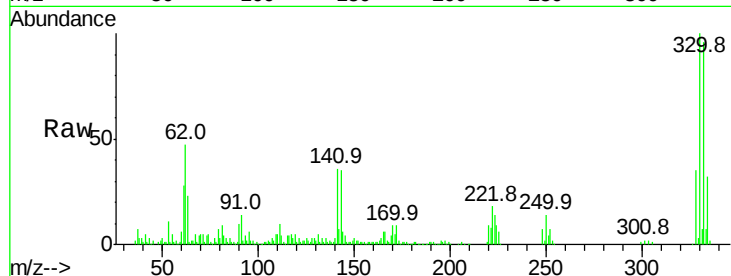




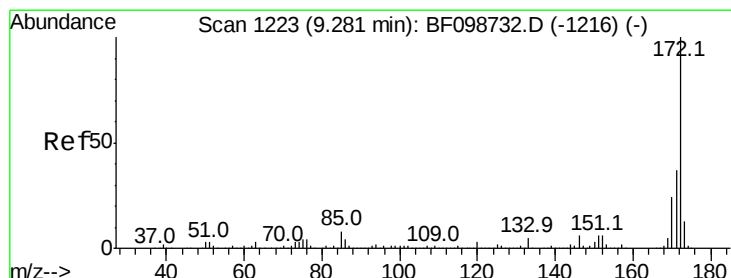
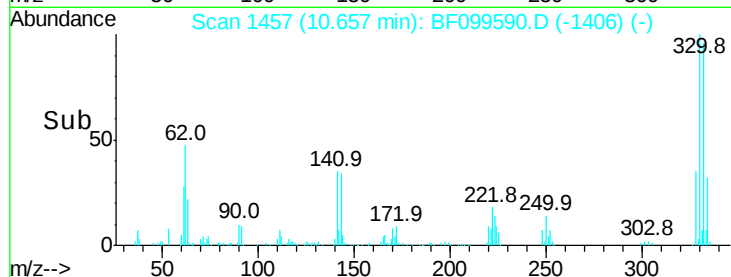
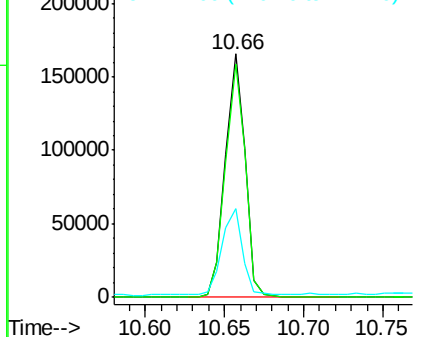
#41
 2,4,6-Tribromophenol
 Concen: 90.029 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF099590.D
 Acq: 17 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 HW-32

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	36.3	29.9	44.9

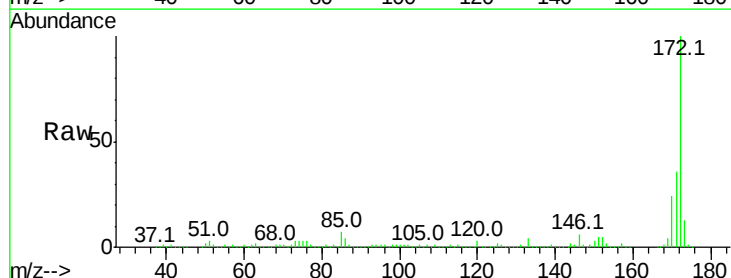


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

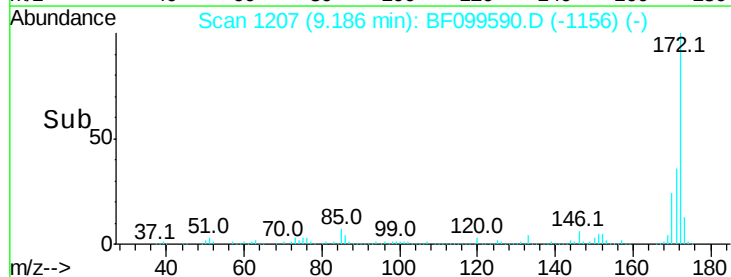
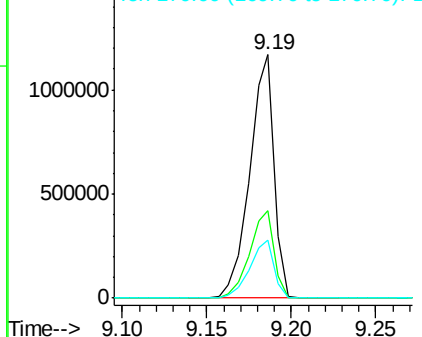


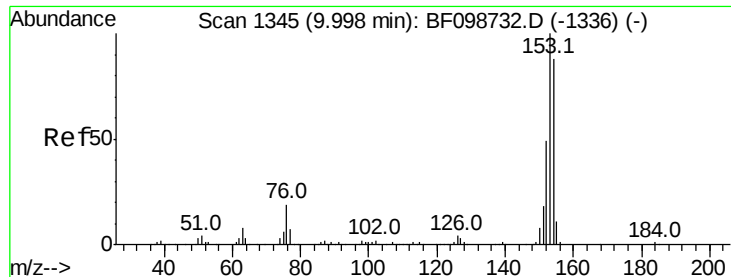
#44
 2-Fluorobiphenyl
 Concen: 100.918 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF099590.D
 Acq: 17 Oct 2017 19:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	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





#51

Acenaphthene

Concen: 2.739 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

Instrument :

BNA_F

ClientSampleId :

HW-32

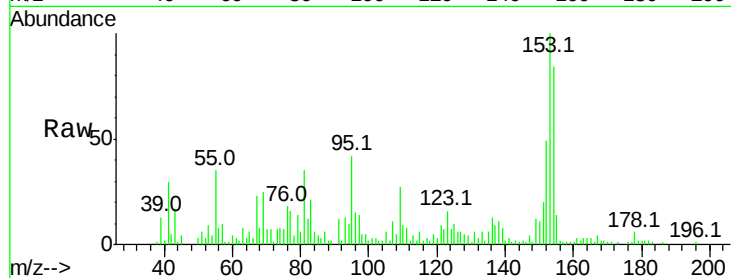
Tot Ion:154 Resp: 33390

Ion Ratio Lower Upper

154 100

153 119.2 91.2 136.8

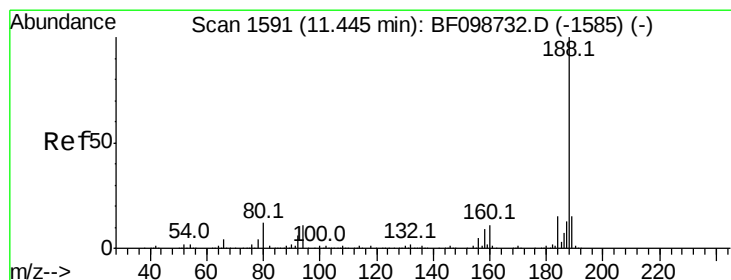
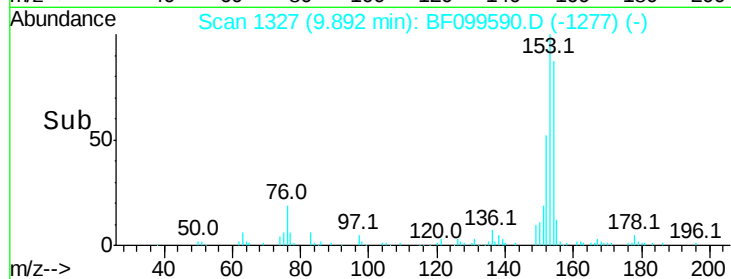
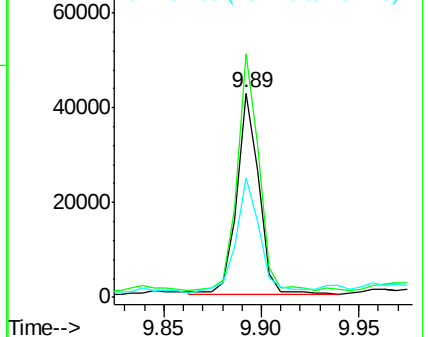
152 58.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

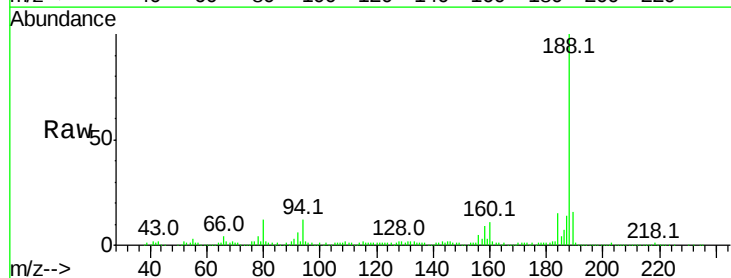
Tgt Ion:188 Resp: 289529

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

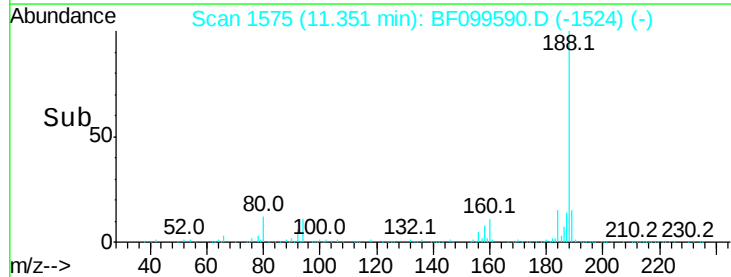
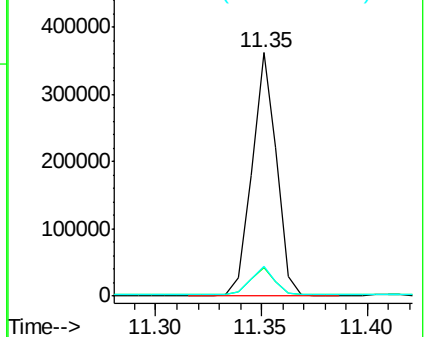
80 12.3 9.2 13.8

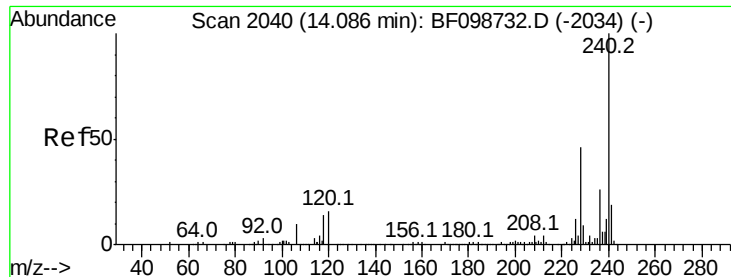


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

Instrument :

BNA_F

ClientSampleId :

HW-32

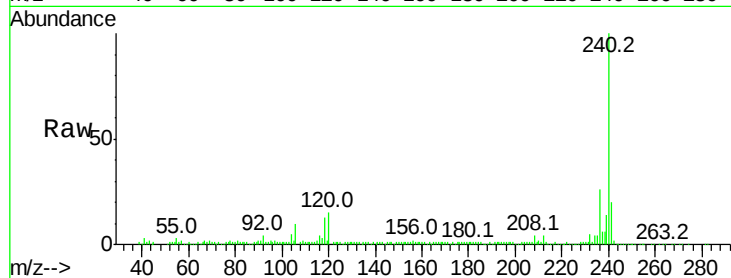
Tot Ion:240 Resp: 187524

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

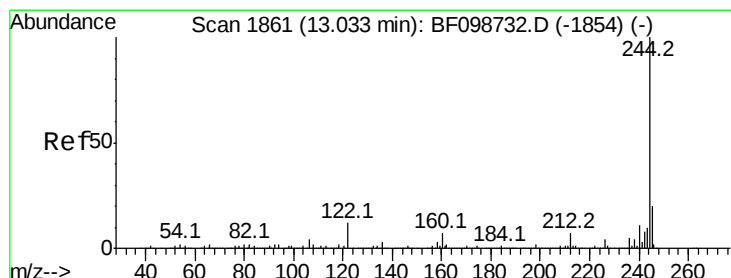
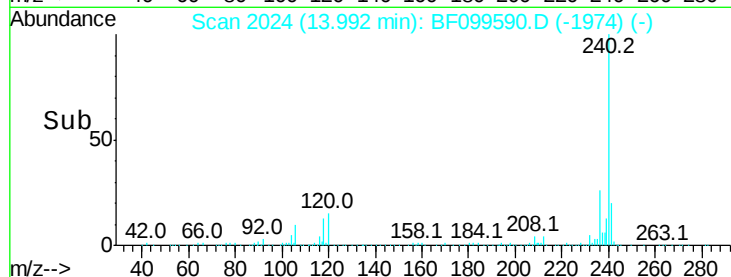
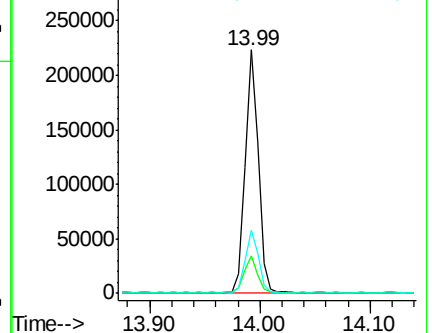
236 26.1 20.7 31.1



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: 84.907 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF099590.D

Acq: 17 Oct 2017 19:28

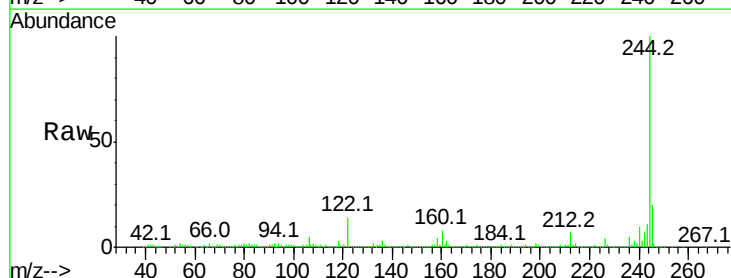
Tgt Ion:244 Resp: 700120

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

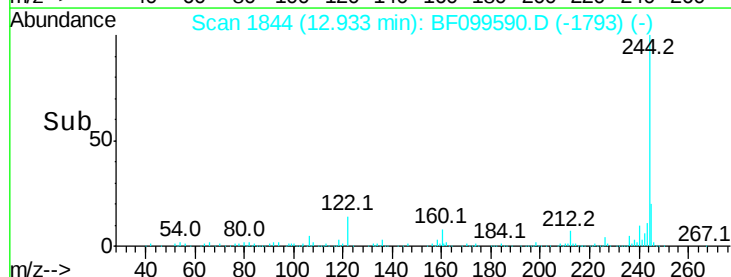
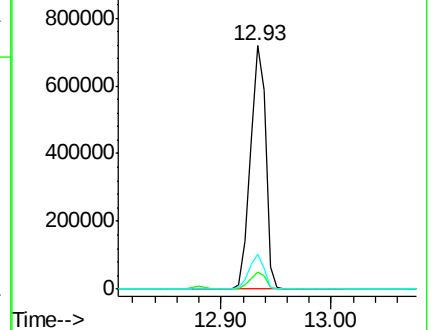
122 14.1 11.0 16.4

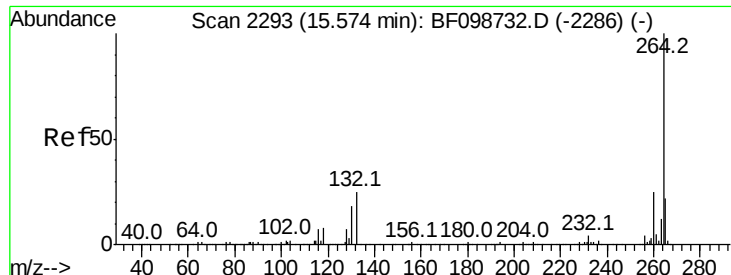


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

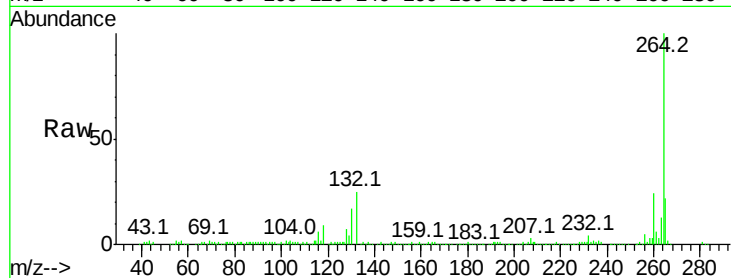




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099590.D
 Acq: 17 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 HW-32

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	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

