

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099837.D
 Acq On : 26 Oct 2017 3:22
 Operator : SJ/JU
 Sample : PB103631BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103631BL

Quant Time: Oct 26 04:19:34 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	72884	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	295070	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	131078	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	235089	20.00	ng	0.00
75) Chrysene-d12	13.99	240	192764	20.00	ng	0.00
86) Perylene-d12	15.46	264	167979	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	347395	74.83	ng	0.00
7) Phenol-d6	6.43	99	410767	74.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	335910	73.29	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	82108	68.74	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	682119	80.29	ng	0.00
78) Terphenyl-d14	12.92	244	643305	72.93	ng	0.00

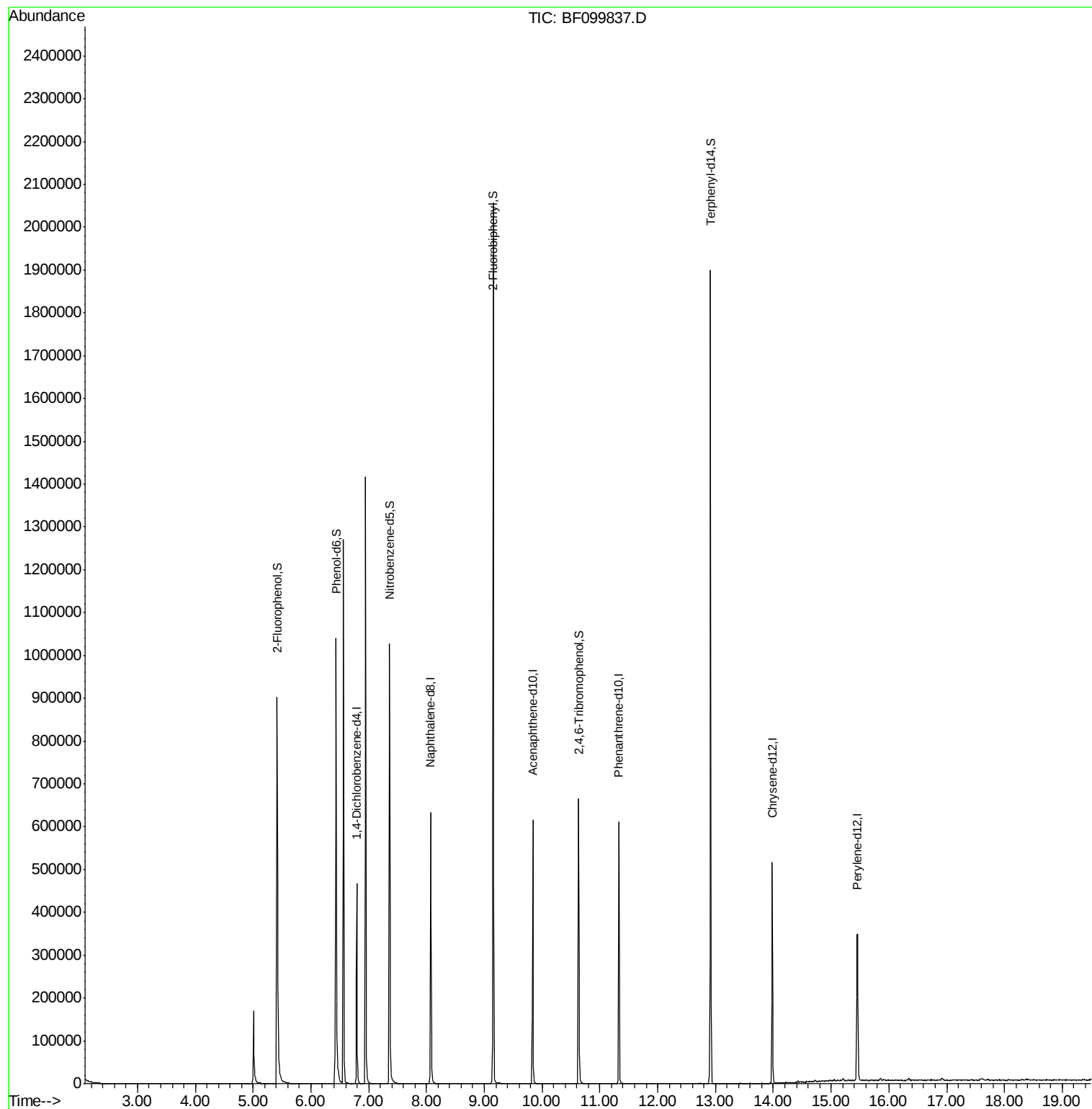
Target Compounds Qvalue

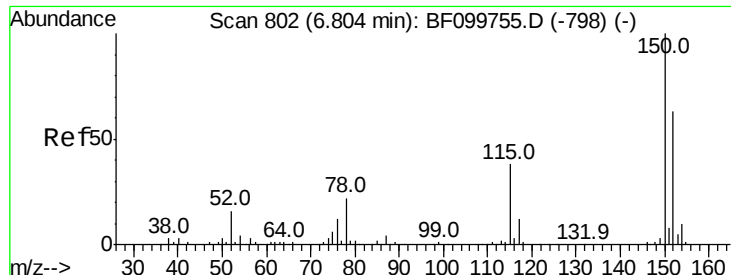
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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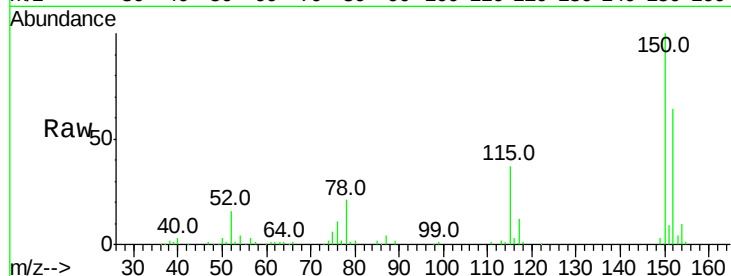


#1

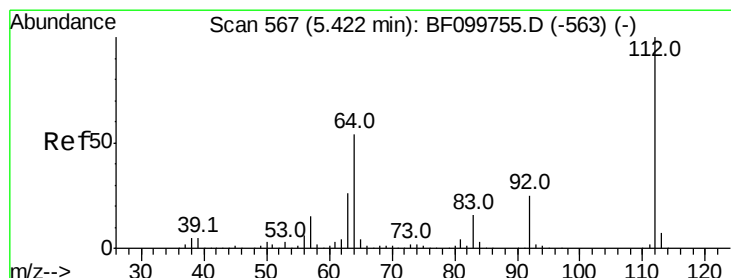
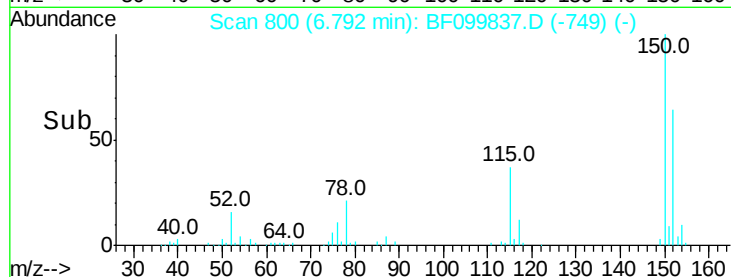
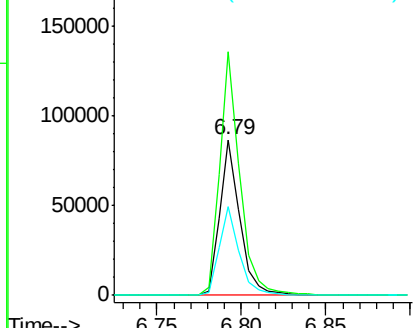
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

Instrument :
BNA_F
ClientSampleId :
PB103631BL

Tot Ion:152 Resp: 72884
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 57.2 50.1 75.1



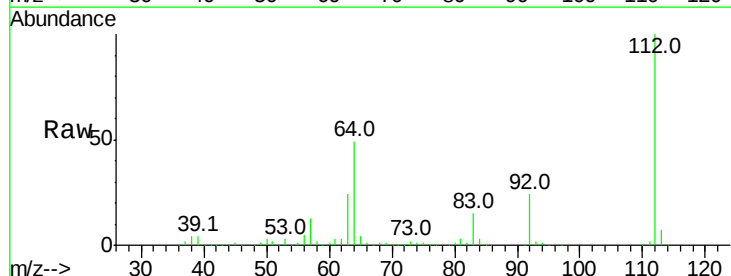
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



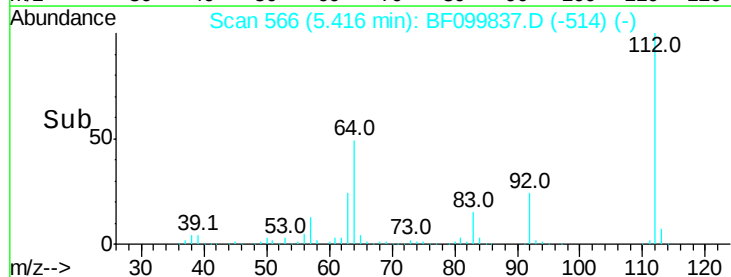
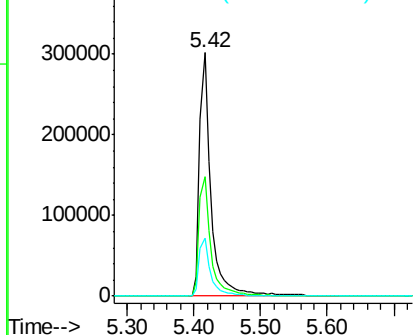
#5

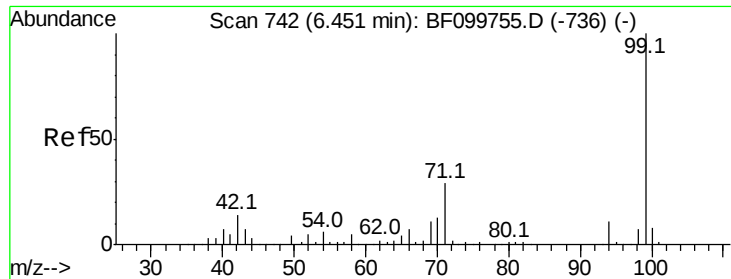
2-Fluorophenol
Concen: 74.831 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

Tgt Ion:112 Resp: 347395
Ion Ratio Lower Upper
112 100
64 49.2 47.9 71.9
63 23.8 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: 74.623 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

Instrument :

BNA_F

ClientSampleId :

PB103631BL

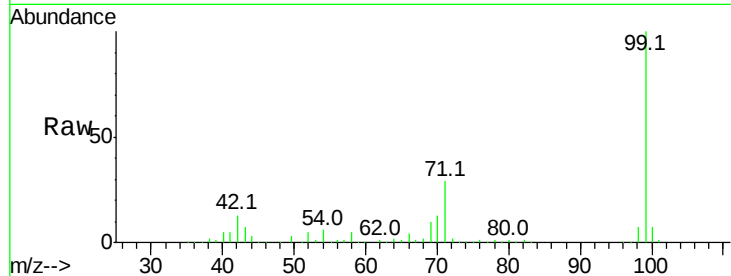
Tot Ion: 99 Resp: 410767

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

71 28.6 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

500000

400000

300000

200000

100000

0

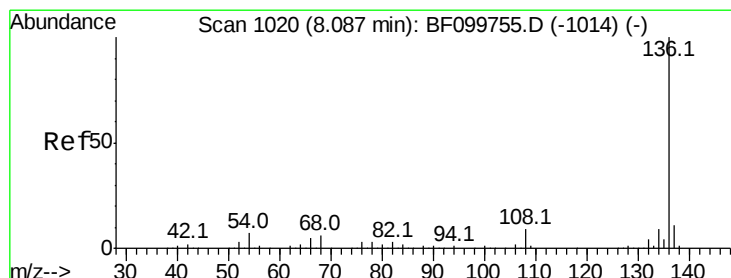
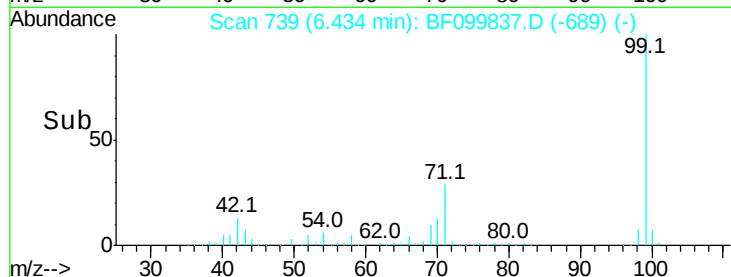
6.43

6.40

6.50

6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

Tgt Ion: 136 Resp: 295070

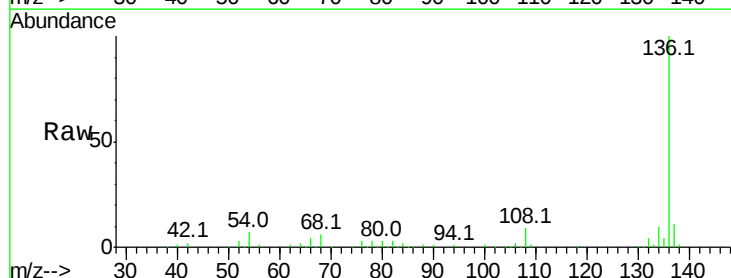
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.6 6.6 9.8

68 5.8 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

500000

400000

300000

200000

100000

0

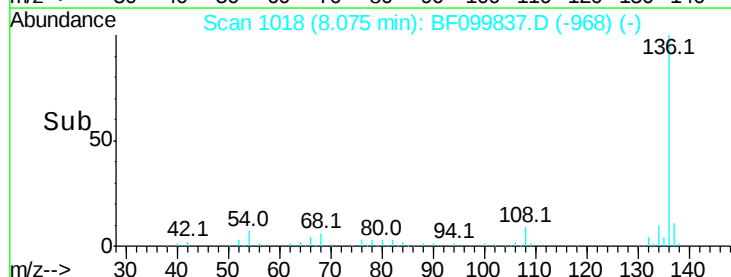
8.07

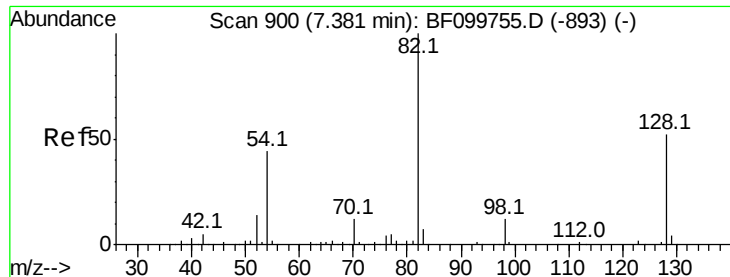
8.00

8.10

8.20

Time-->

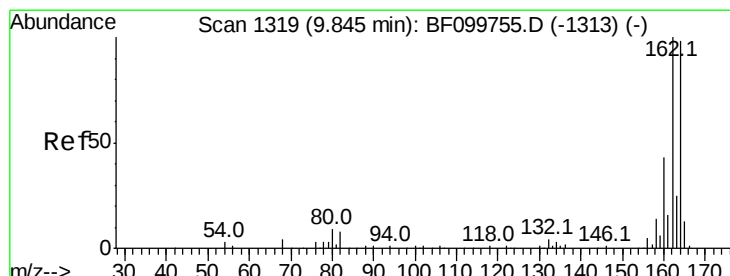
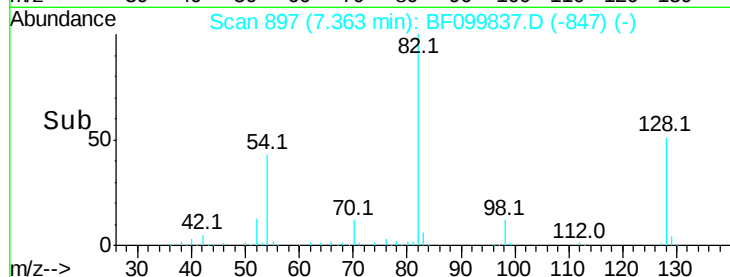
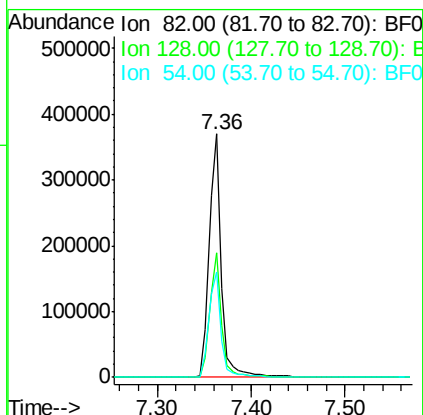
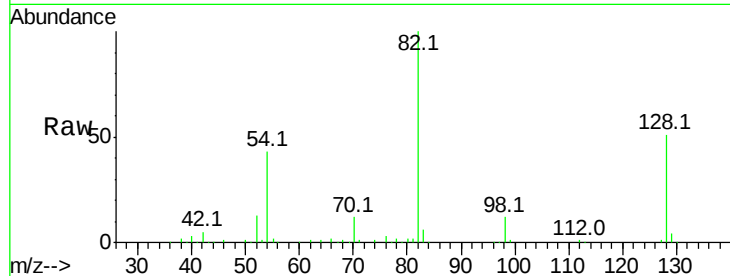




#23
Nitrobenzene-d5
Concen: 73.291 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

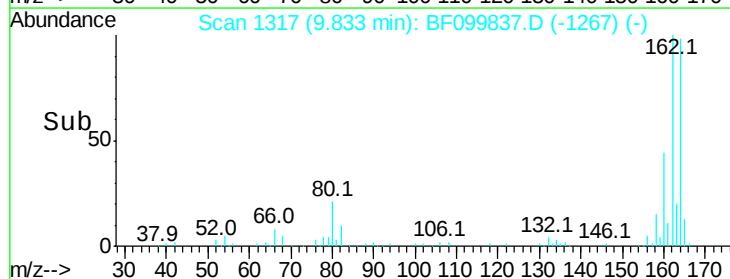
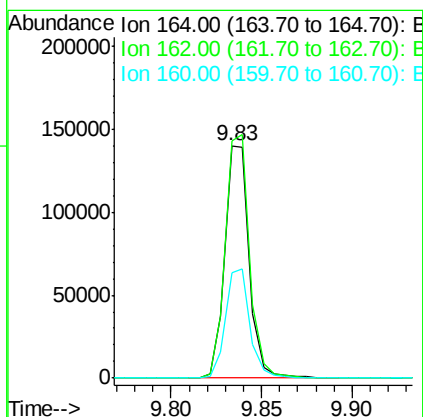
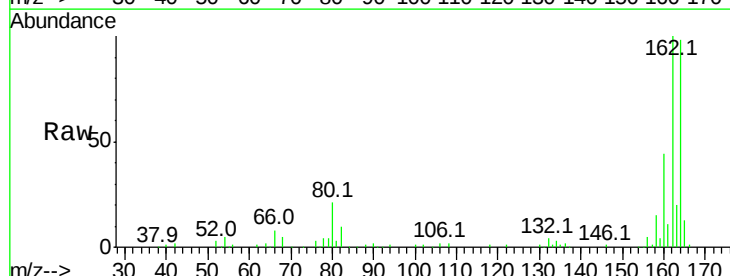
Instrument :
BNA_F
ClientSampleId :
PB103631BL

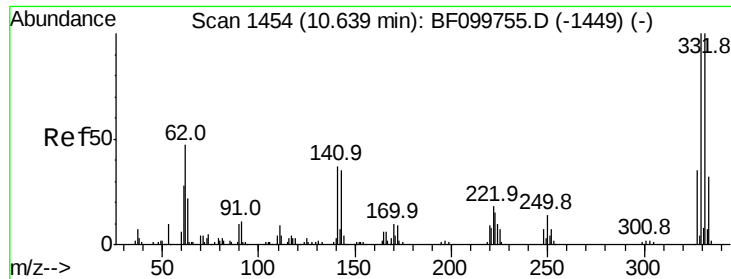
Tot Ion: 82 Resp: 335910
Ion Ratio Lower Upper
82 100
128 51.3 36.1 54.1
54 43.3 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

Tgt Ion: 164 Resp: 131078
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 45.3 38.3 57.5

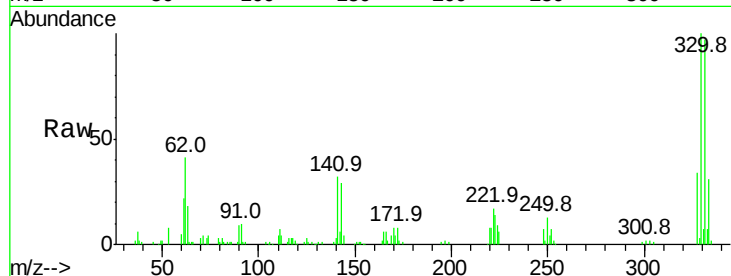




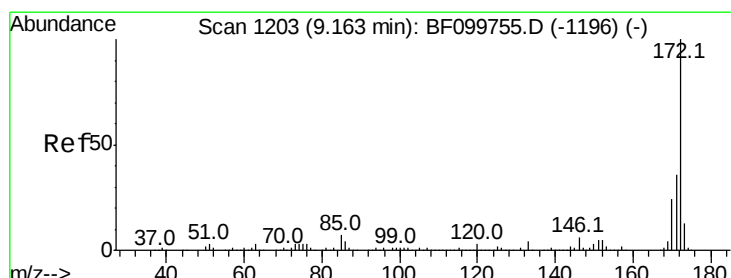
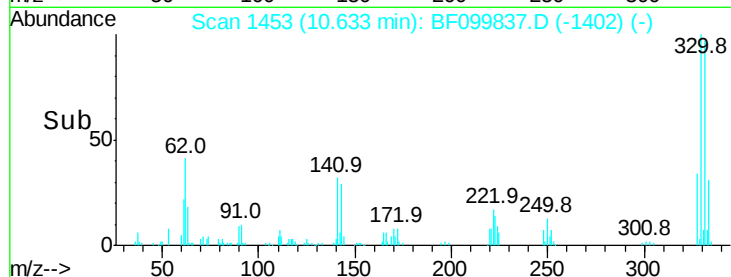
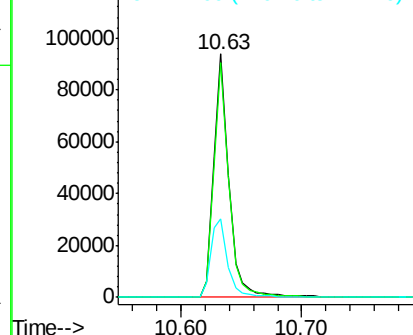
#41
 2,4,6-Tribromophenol
 Concen: 68.736 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF099837.D
 Acq: 26 Oct 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 PB103631BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	35.4	29.9	44.9

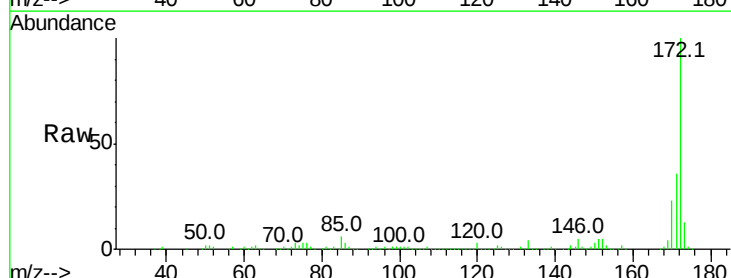


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

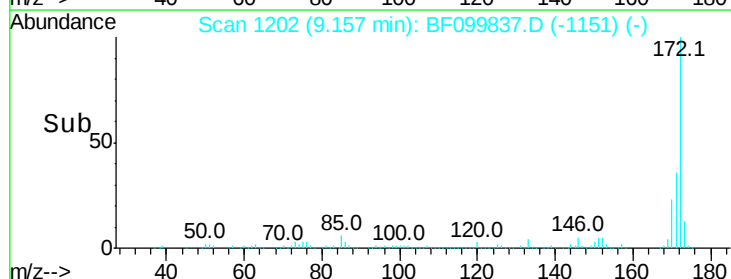
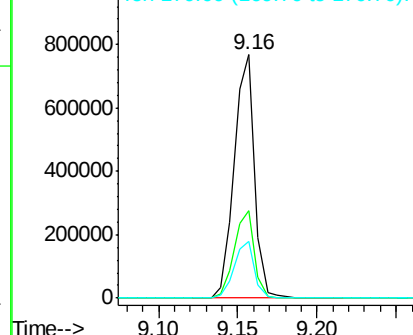


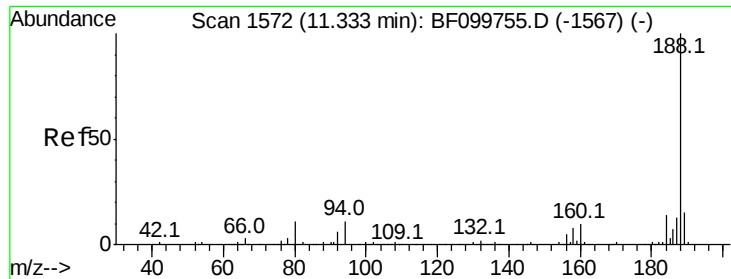
#44
 2-Fluorobiphenyl
 Concen: 80.288 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099837.D
 Acq: 26 Oct 2017 3:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.1	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# 1572

Delta R.T. 0.01 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

Instrument :

BNA_F

ClientSampleId :

PB103631BL

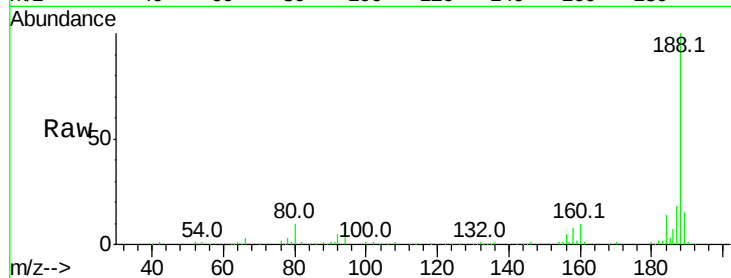
Tot Ion:188 Resp: 235089

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

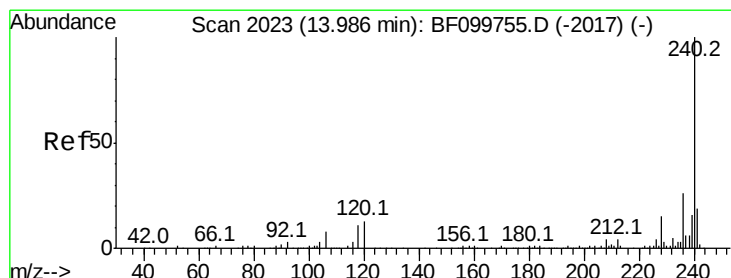
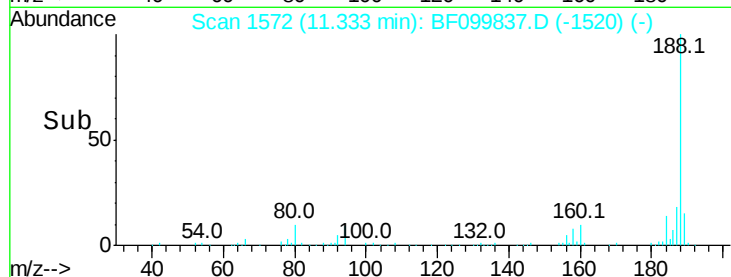
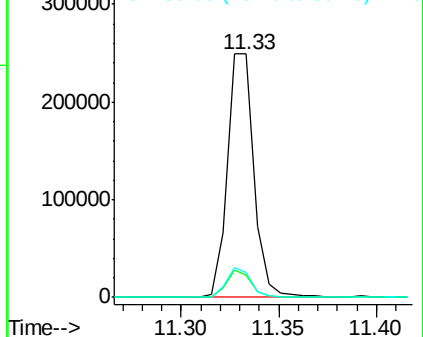
80 9.9 9.2 13.8



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: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

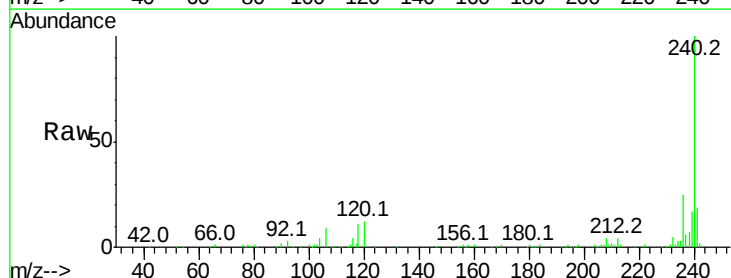
Tgt Ion:240 Resp: 192764

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

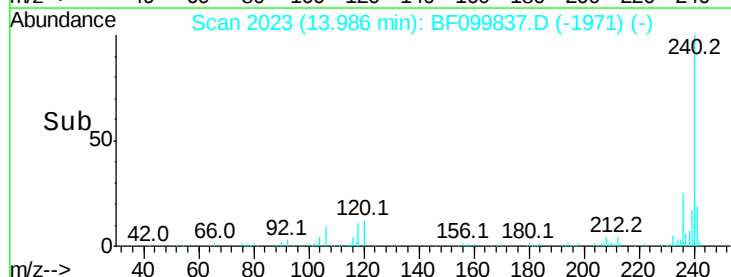
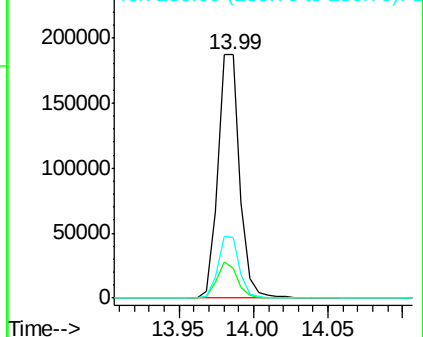
236 24.6 20.7 31.1

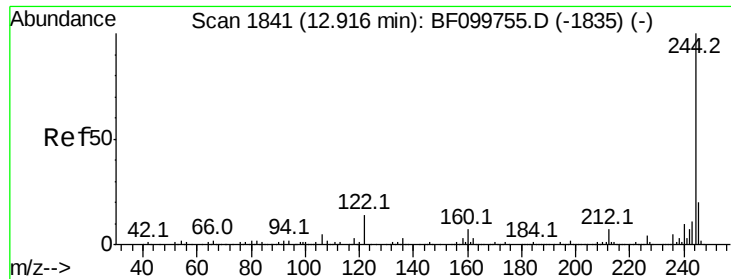


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.932 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

Instrument :

BNA_F

ClientSampleId :

PB103631BL

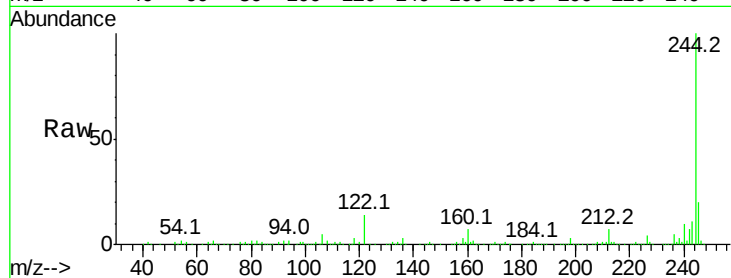
Tot Ion:244 Resp: 643305

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

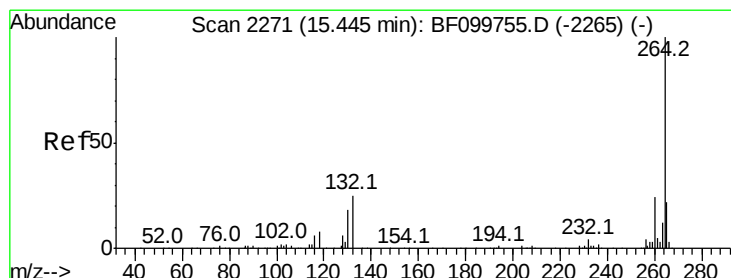
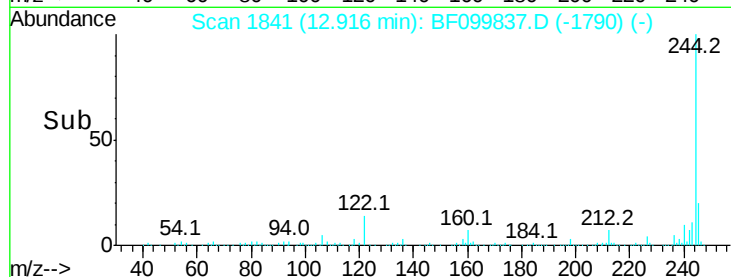
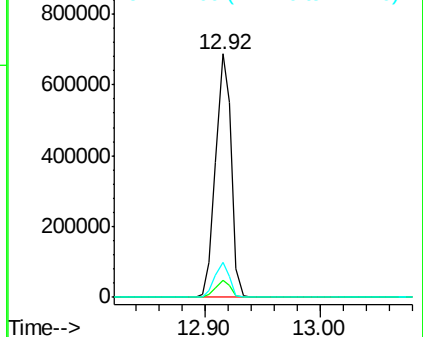
122 14.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

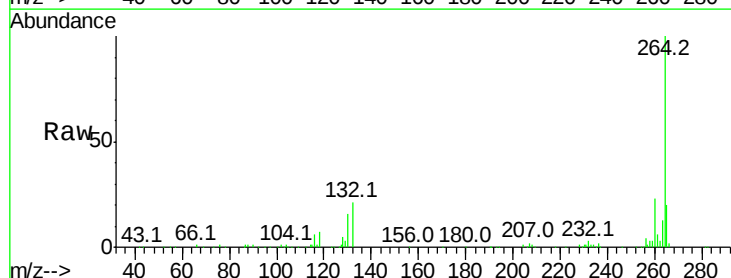
Tgt Ion:264 Resp: 167979

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.3 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

