

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099821.D
 Acq On : 25 Oct 2017 18:53
 Operator : SJ/JU
 Sample : PB103597BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BL

Quant Time: Oct 26 02:57:39 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	79915	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	329727	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	147575	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	260270	20.00	ng	0.00
75) Chrysene-d12	13.98	240	191633	20.00	ng	0.00
86) Perylene-d12	15.45	264	169929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	561737	110.36	ng	0.00
7) Phenol-d6	6.44	99	659404	109.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	376322	73.48	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	140248	104.28	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	780609	81.61	ng	0.00
78) Terphenyl-d14	12.92	244	669663	76.37	ng	0.00

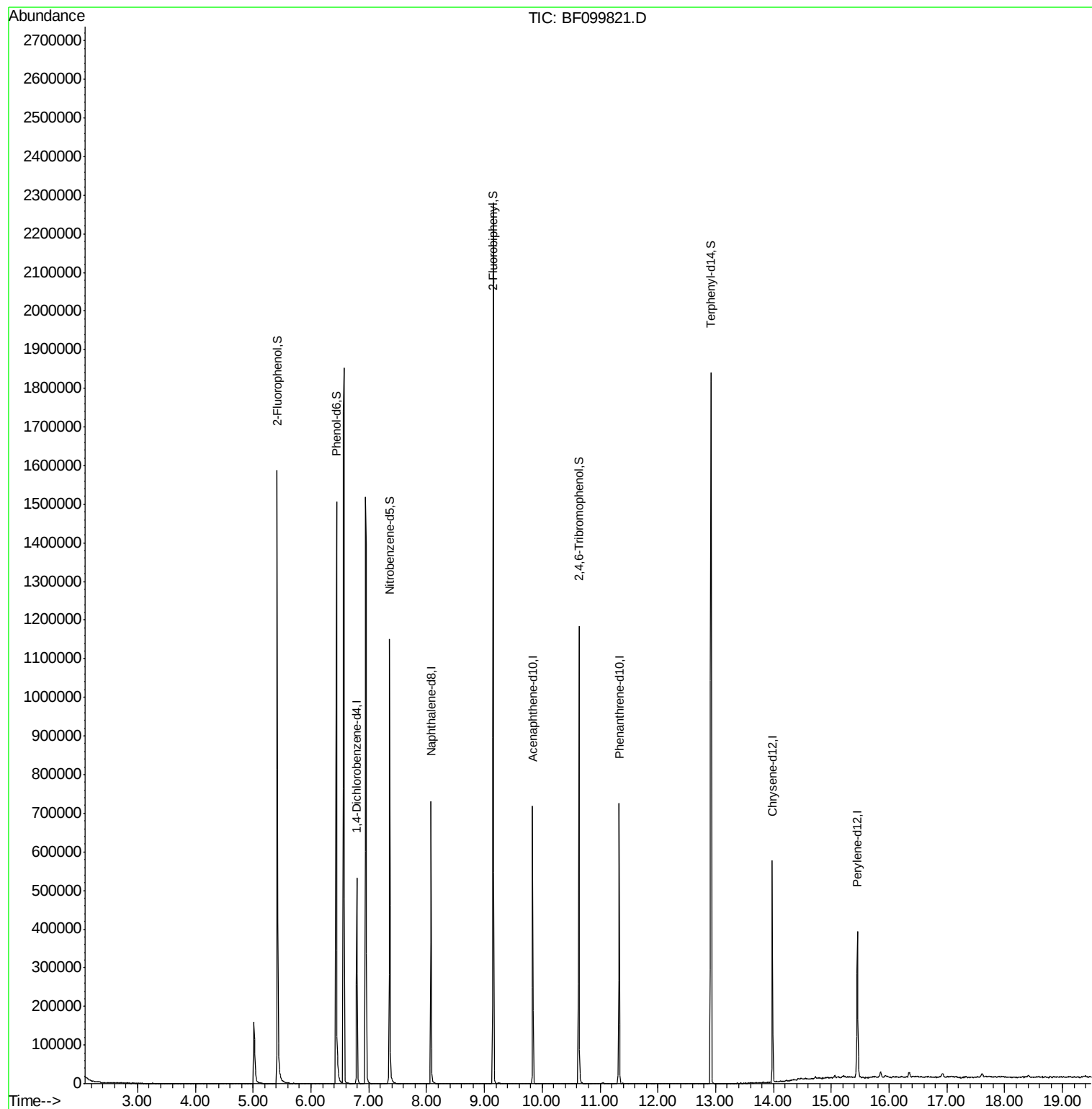
Target Compounds Qvalue

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

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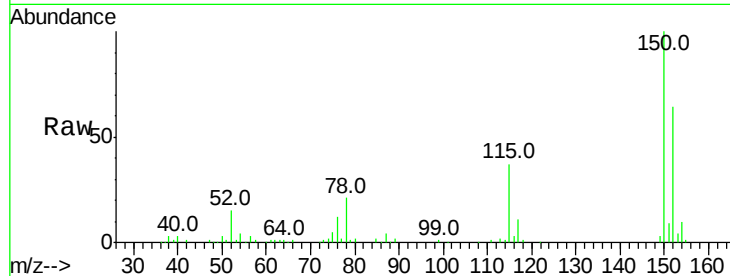


#1

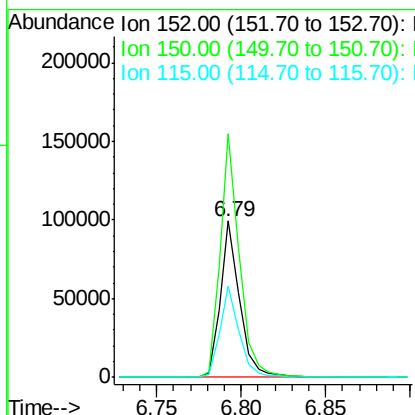
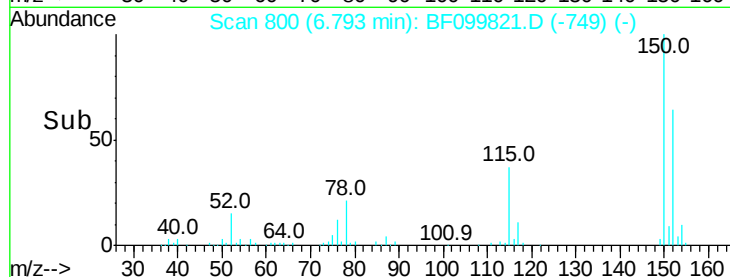
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099821.D
Acq: 25 Oct 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB103597BL

Tot Ion:152 Resp: 79915
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 58.3 50.1 75.1



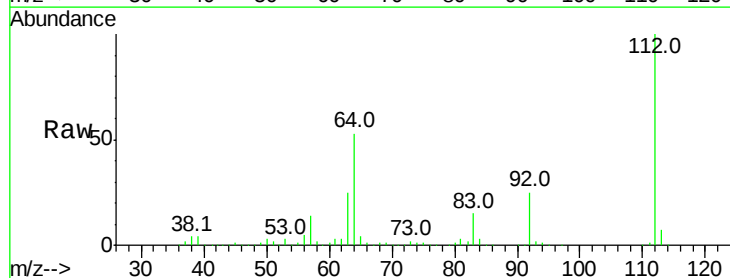
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



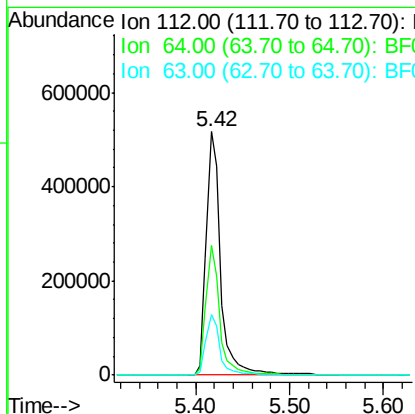
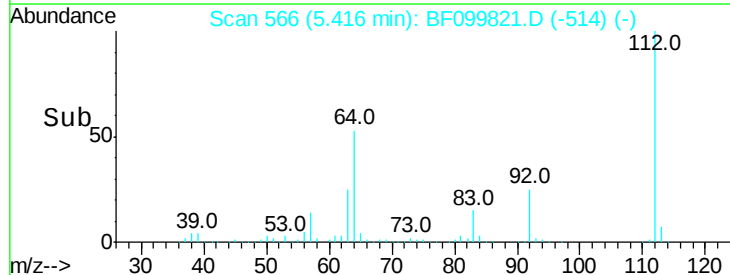
#5

2-Fluorophenol
Concen: 110.356 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099821.D
Acq: 25 Oct 2017 18:53

Tgt Ion:112 Resp: 561737
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 24.8 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: 109.253 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099821.D

Acq: 25 Oct 2017 18:53

Instrument :

BNA_F

ClientSampleId :

PB103597BL

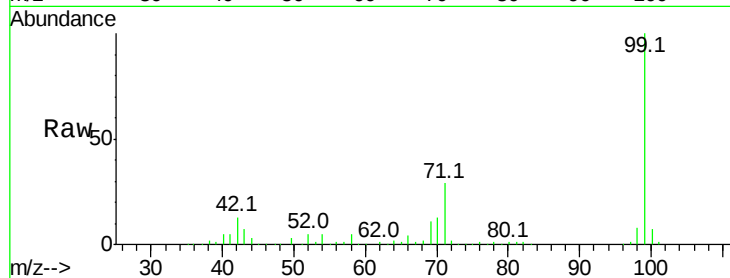
Tot Ion: 99 Resp: 659404

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

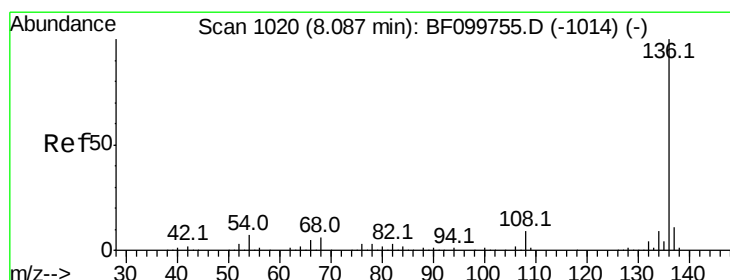
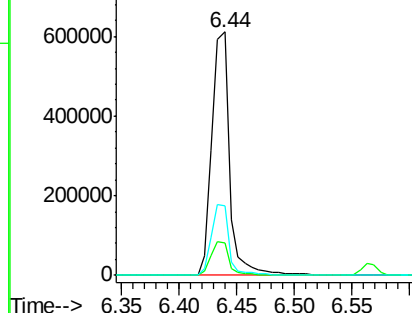
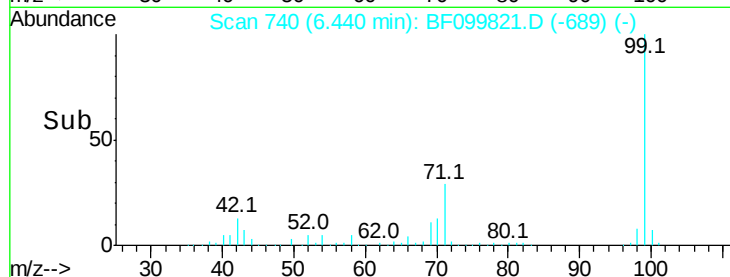
71 28.5 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099821.D

Acq: 25 Oct 2017 18:53

Tgt Ion: 136 Resp: 329727

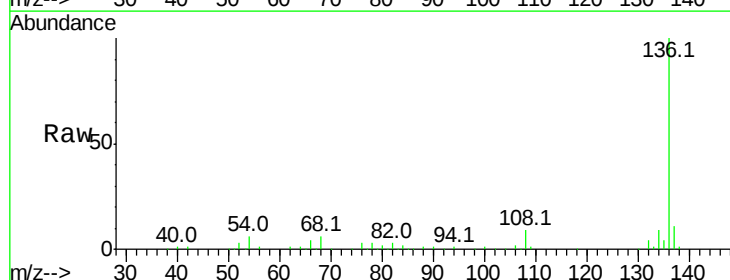
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.2 6.6 9.8#

68 5.8 5.0 7.4

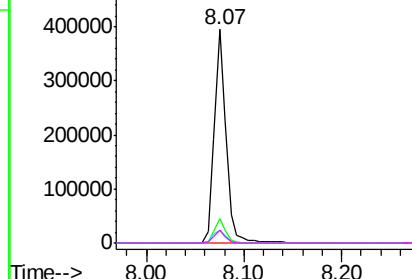
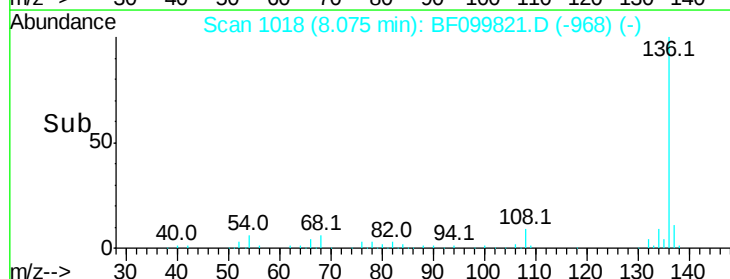


Abundance Ion 136.00 (135.70 to 136.70): E

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

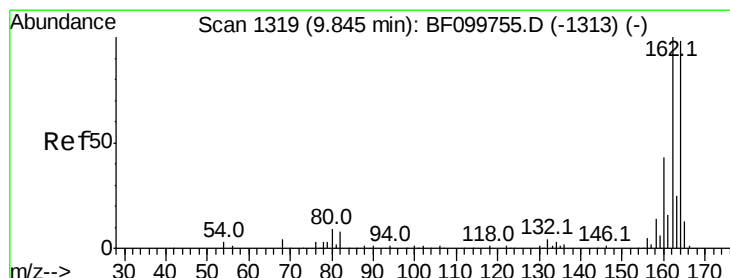
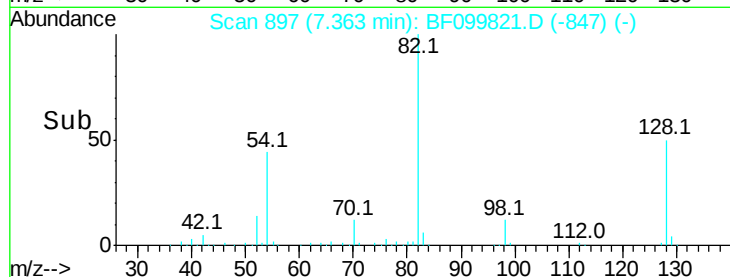
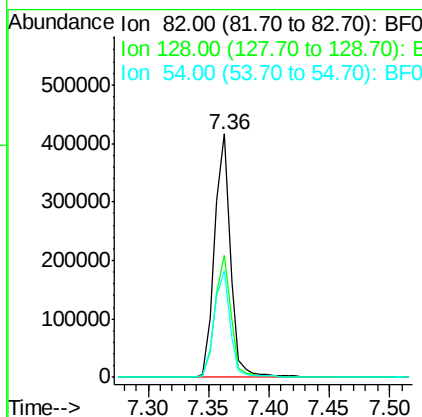
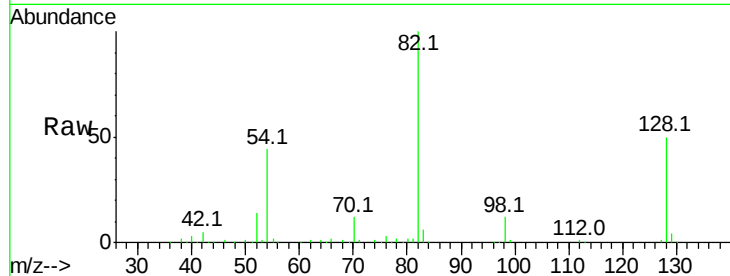




#23
 Nitrobenzene-d5
 Concen: 73.478 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

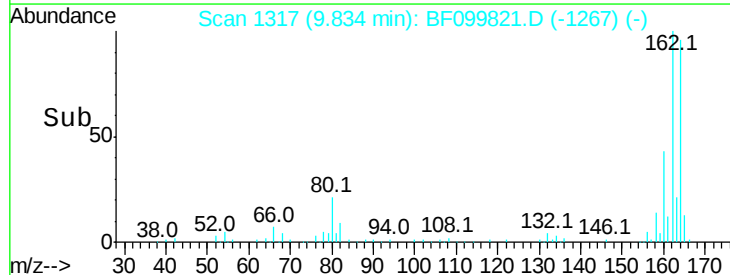
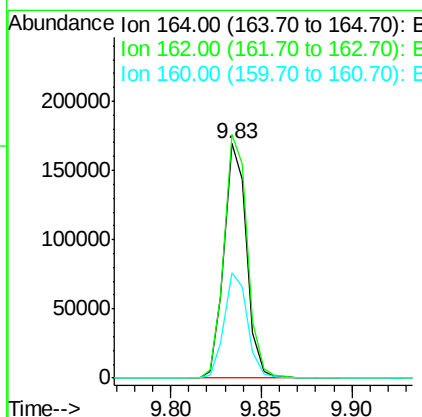
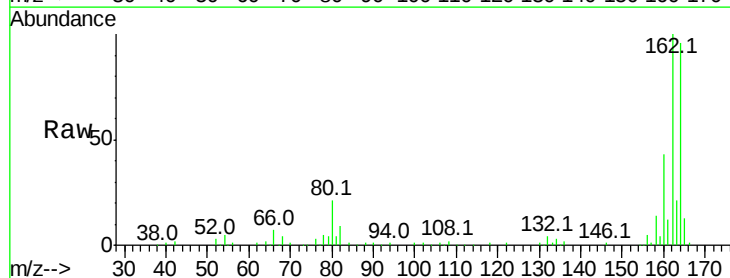
Instrument :
 BNA_F
 ClientSampled :
 PB103597BL

Tot Ion: 82 Resp: 376322
 Ion Ratio Lower Upper
 82 100
 128 50.3 36.1 54.1
 54 44.0 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: BF099821.D
 Acq: 25 Oct 2017 18:53

Tgt Ion:164 Resp: 147575
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 44.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 104.283 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF099821.D

Acq: 25 Oct 2017 18:53

Instrument :

BNA_F

ClientSampleId :

PB103597BL

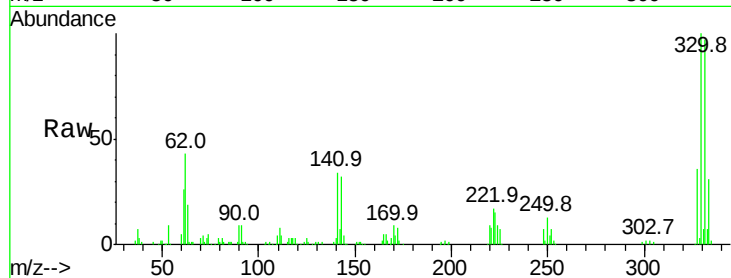
Tot Ion:330 Resp: 140248

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

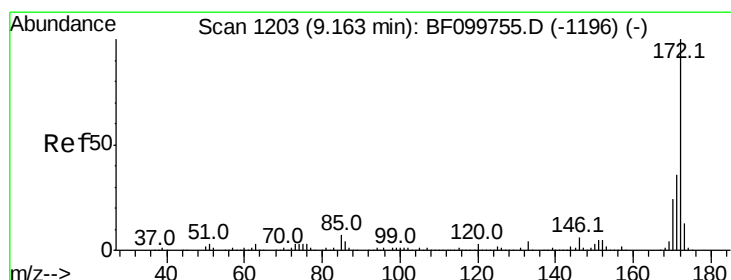
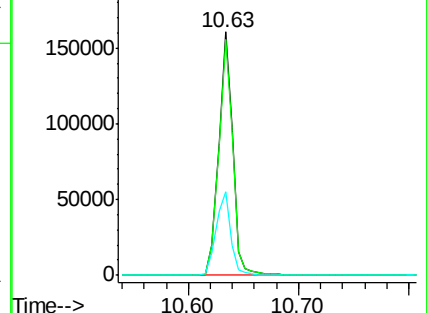
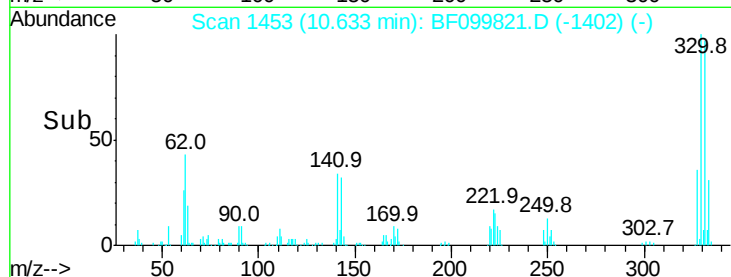
141 35.6 29.9 44.9



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: 81.610 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF099821.D

Acq: 25 Oct 2017 18:53

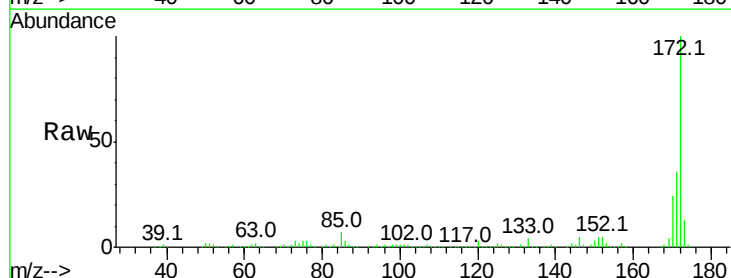
Tgt Ion:172 Resp: 780609

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

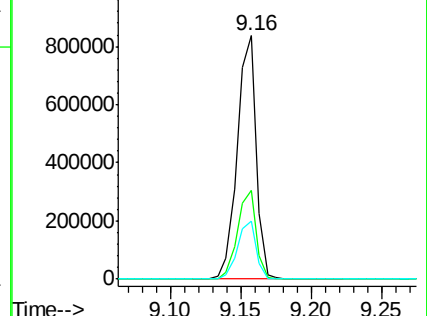
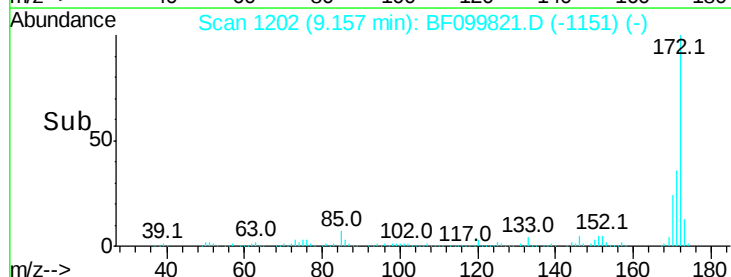
170 23.7 19.6 29.4

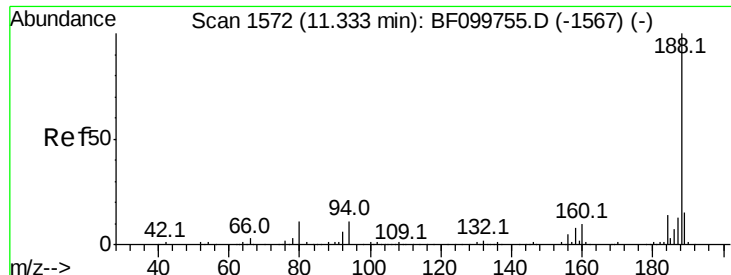


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

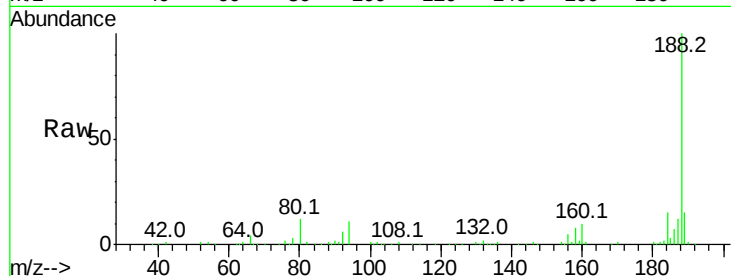




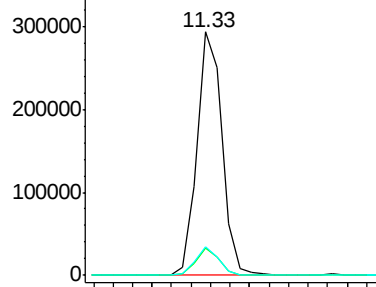
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF099821.D
Acq: 25 Oct 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB103597BL

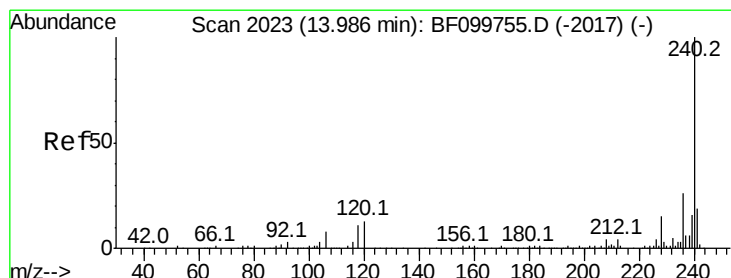
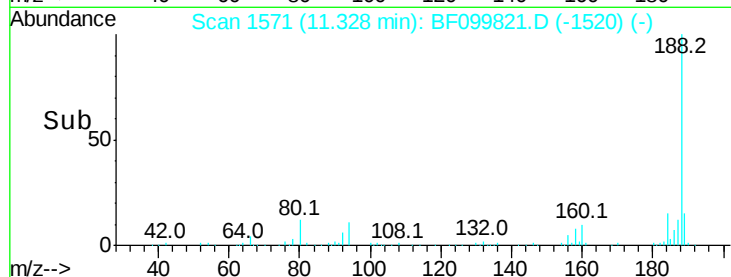
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.7	9.2	13.8



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

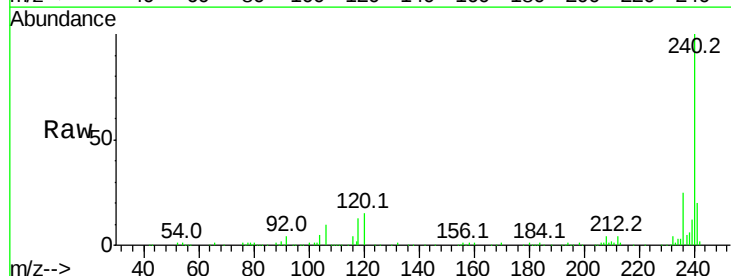


Time-->

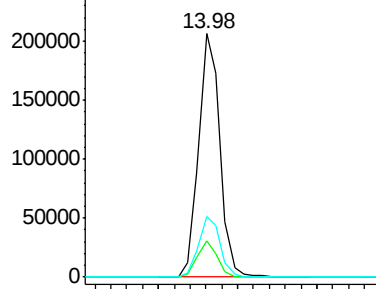


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF099821.D
Acq: 25 Oct 2017 18:53

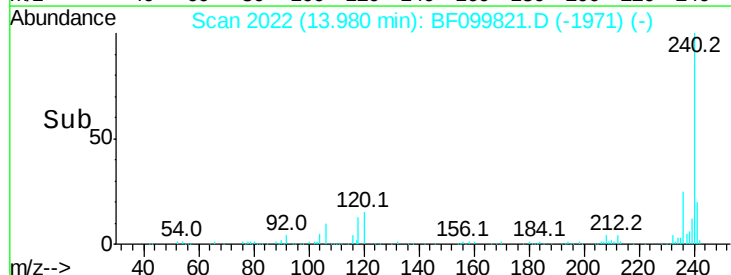
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	24.8	20.7	31.1

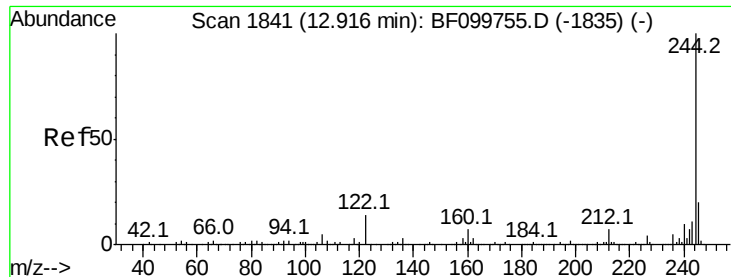


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 76.368 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099821.D

Acq: 25 Oct 2017 18:53

Instrument :

BNA_F

ClientSampleId :

PB103597BL

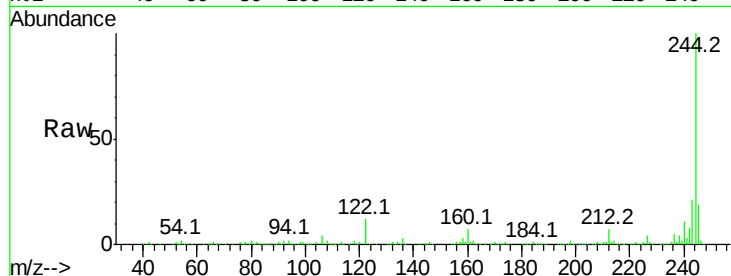
Tot Ion:244 Resp: 669663

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

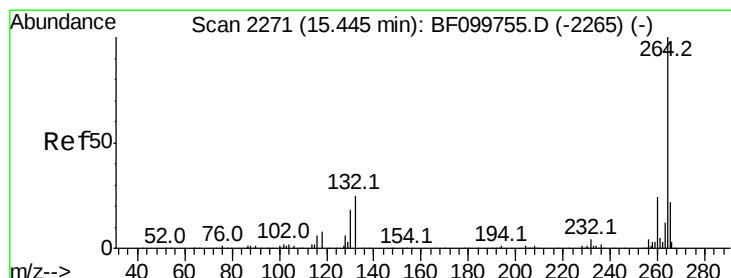
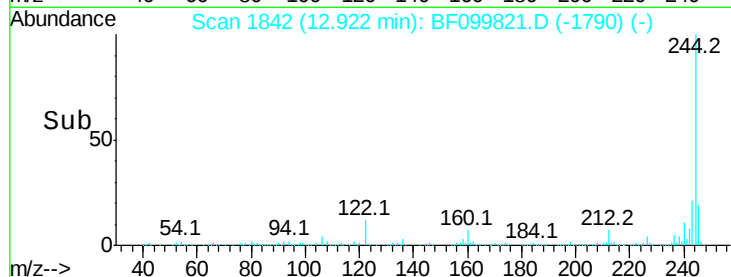
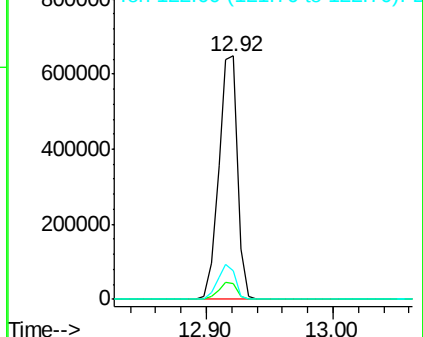
122 12.0 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF099821.D

Acq: 25 Oct 2017 18:53

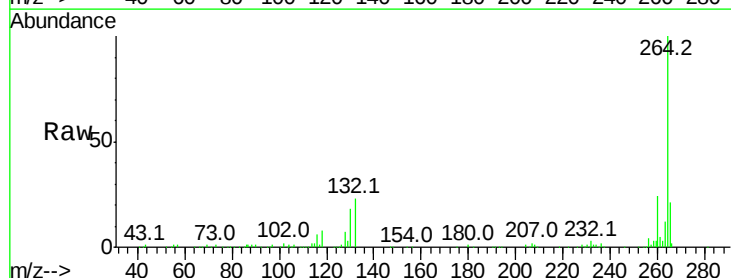
Tgt Ion:264 Resp: 169929

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 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

