

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099822.D
 Acq On : 25 Oct 2017 19:23
 Operator : SJ/JU
 Sample : PB103580BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BL

Quant Time: Oct 26 03:00:41 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	70366	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	290468	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	131392	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	233494	20.00	ng	0.00
75) Chrysene-d12	13.99	240	172475	20.00	ng	0.00
86) Perylene-d12	15.45	264	148914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	473870	105.73	ng	0.00
7) Phenol-d6	6.43	99	553331	104.12	ng	0.00
23) Nitrobenzene-d5	7.36	82	311770	69.10	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	118894	99.29	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	671759	78.88	ng	0.00
78) Terphenyl-d14	12.92	244	573024	72.61	ng	0.00

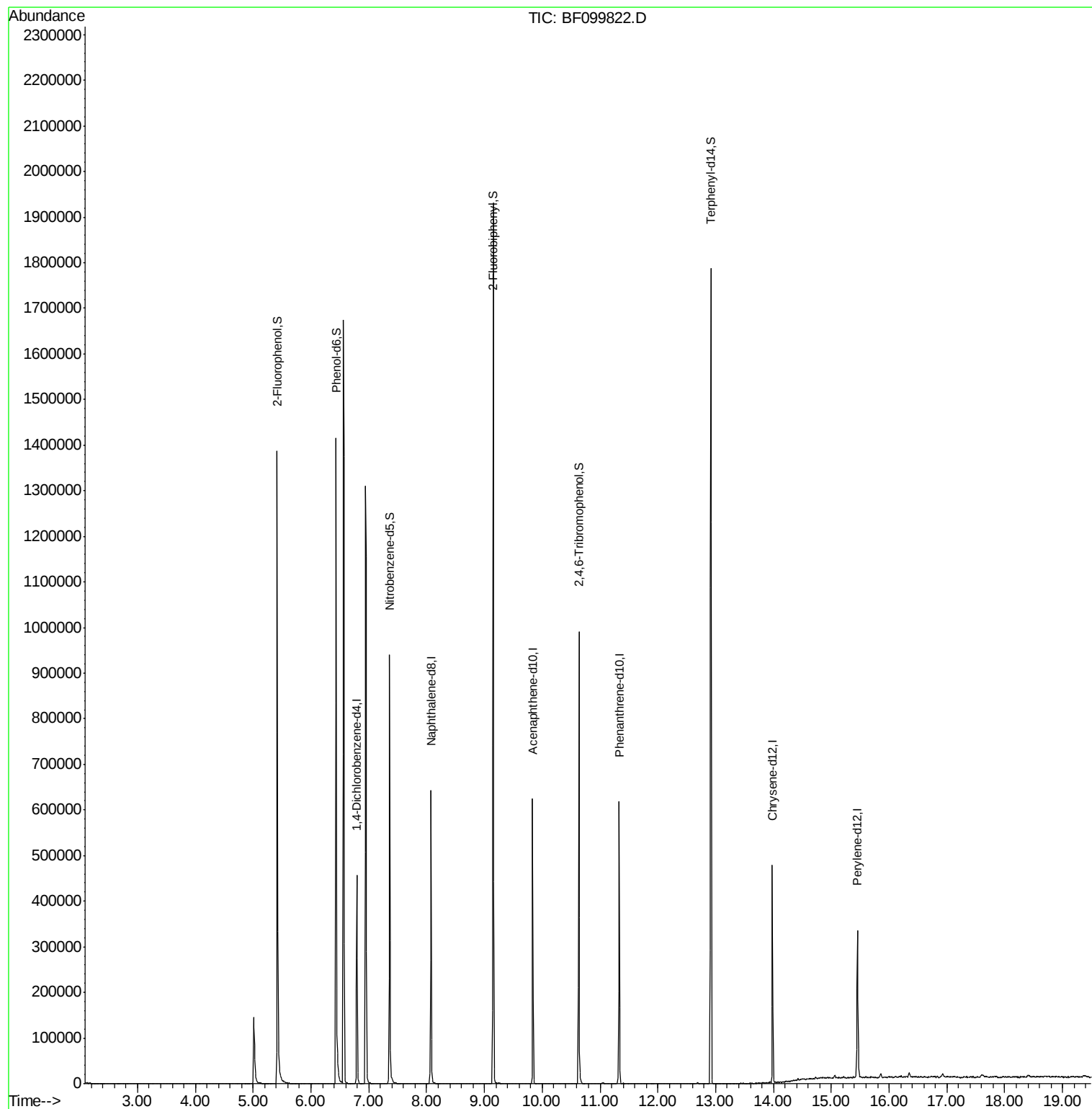
Target Compounds Qvalue

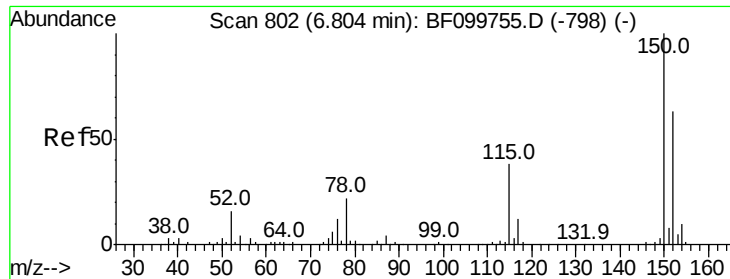
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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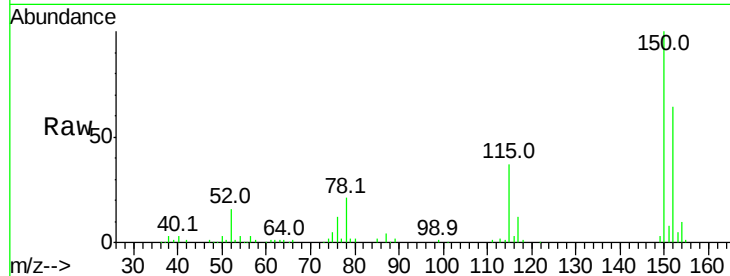


#1

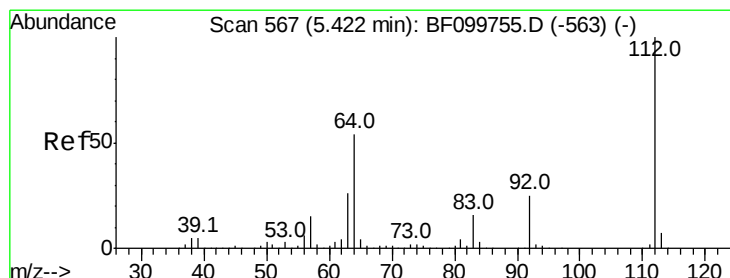
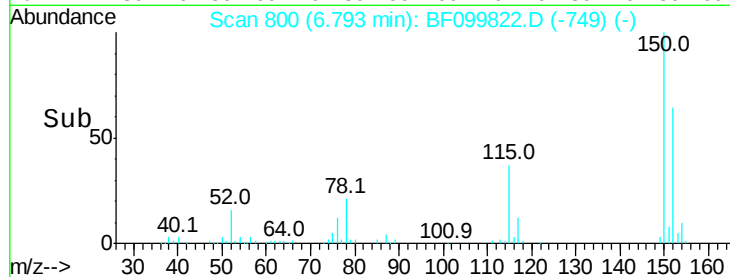
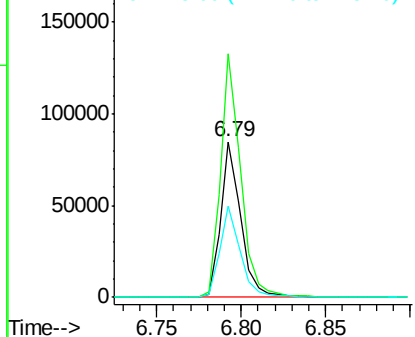
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099822.D
Acq: 25 Oct 2017 19:23

Instrument :
BNA_F
ClientSampleId :
PB103580BL

Tot Ion:152 Resp: 70366
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 58.4 50.1 75.1



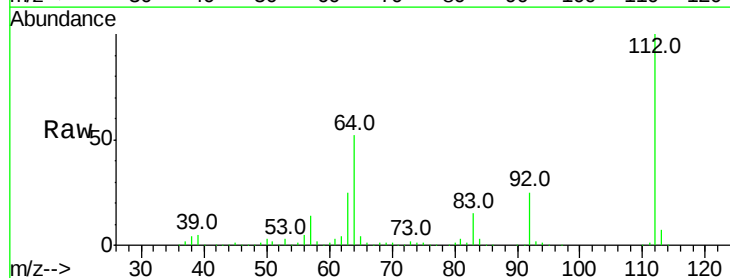
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



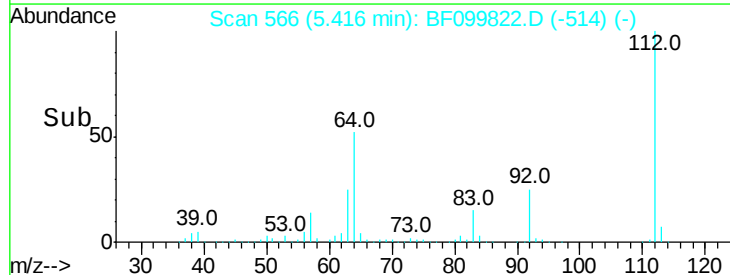
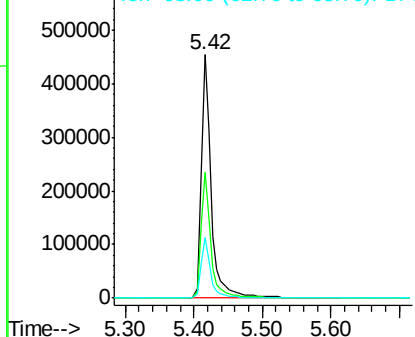
#5

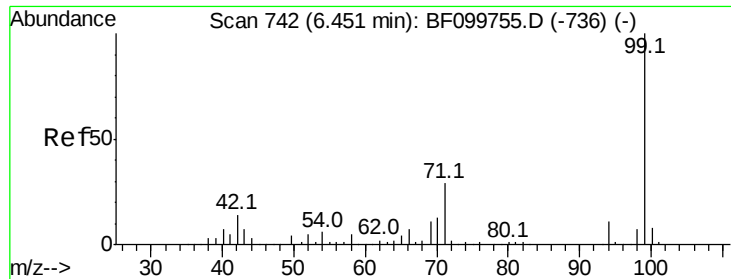
2-Fluorophenol
Concen: 105.727 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099822.D
Acq: 25 Oct 2017 19:23

Tgt Ion:112 Resp: 473870
Ion Ratio Lower Upper
112 100
64 51.9 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: 104.119 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

Instrument :

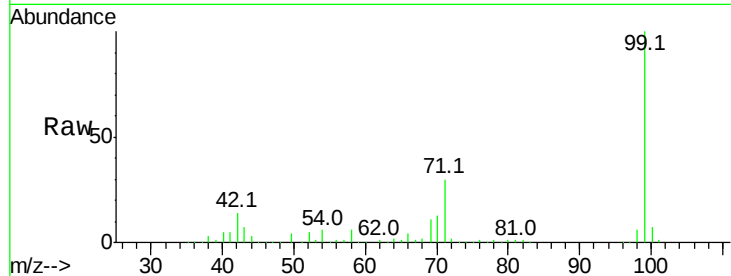
BNA_F

ClientSampleId :

PB103580BL

Tot Ion: 99 Resp: 553331

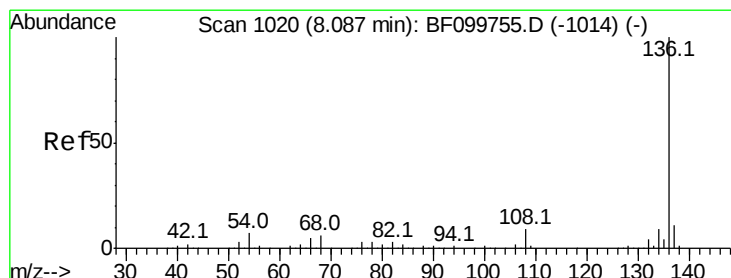
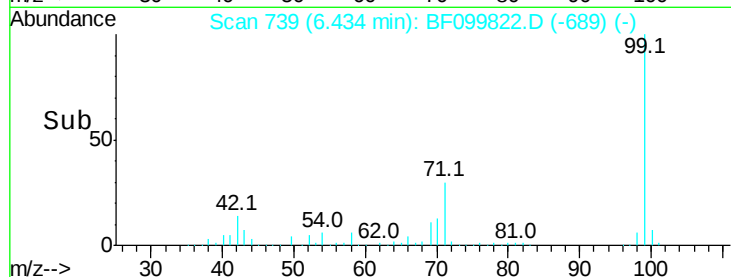
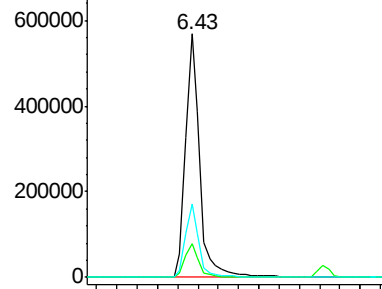
Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	29.9	25.4	38.0



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: BF099822.D

Acq: 25 Oct 2017 19:23

Tgt Ion: 136 Resp: 290468

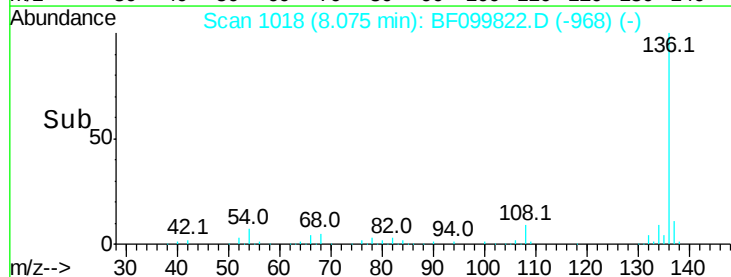
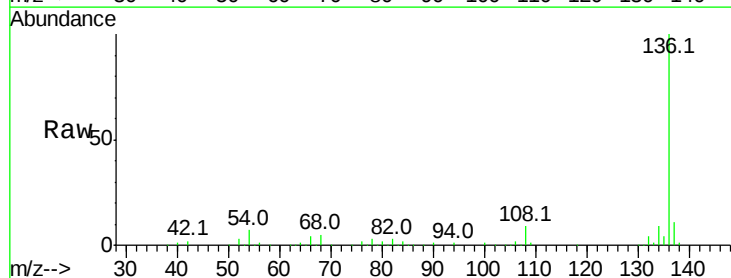
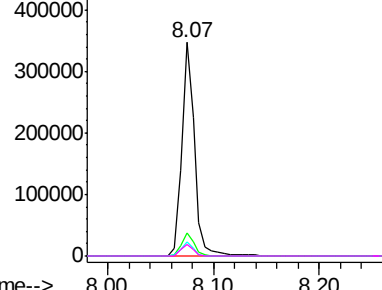
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	6.6	9.8
68	5.5	5.0	7.4

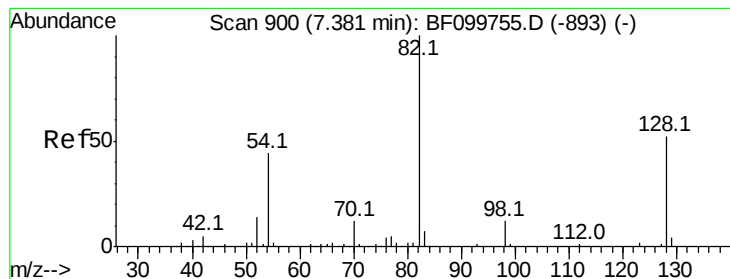
Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.102 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

Instrument :

BNA_F

ClientSampleId :

PB103580BL

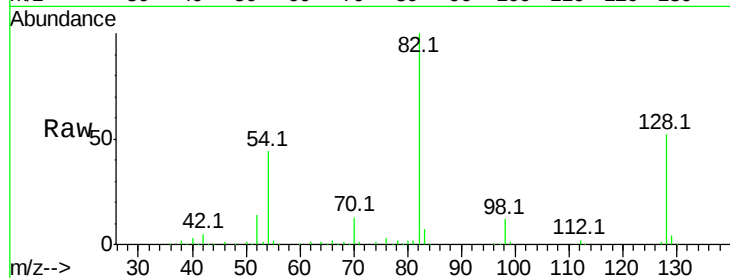
Tot Ion: 82 Resp: 311770

Ion Ratio Lower Upper

82 100

128 52.2 36.1 54.1

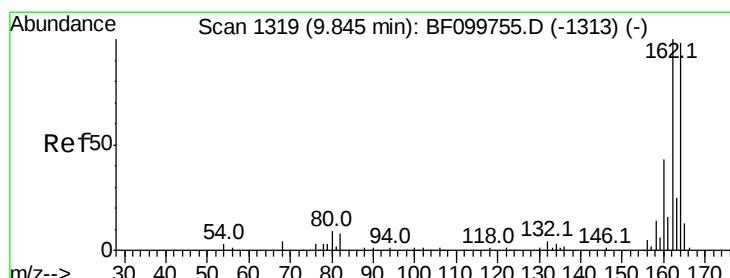
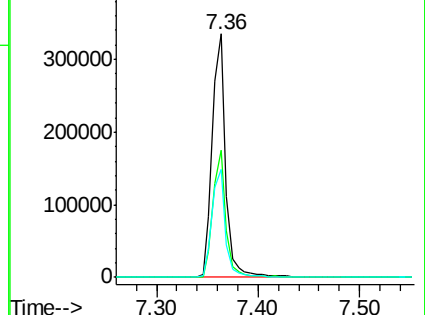
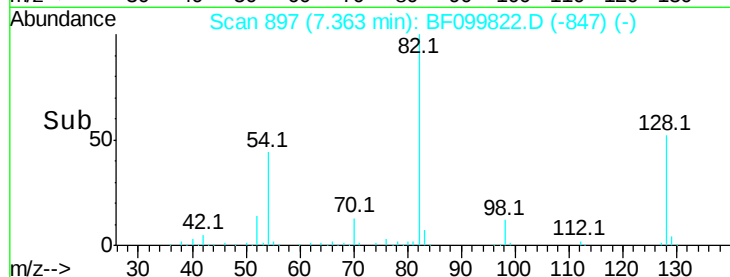
54 44.4 41.4 62.2



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

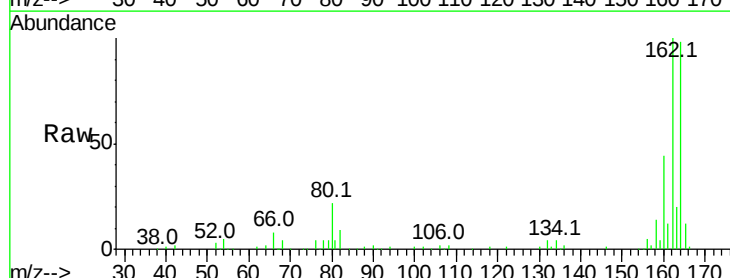
Tgt Ion:164 Resp: 131392

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

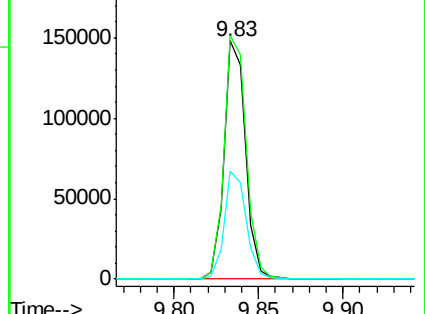
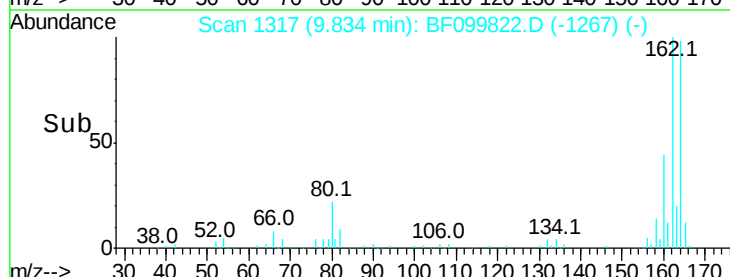
160 45.5 38.3 57.5

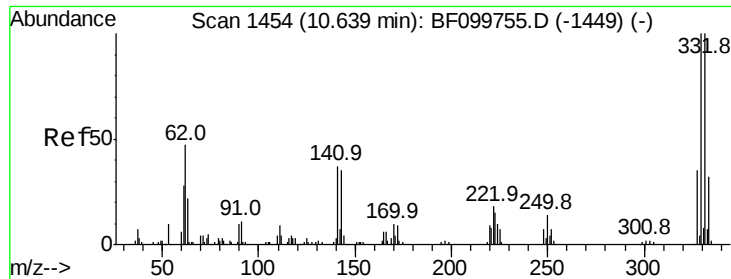


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 99.294 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

Instrument :

BNA_F

ClientSampleId :

PB103580BL

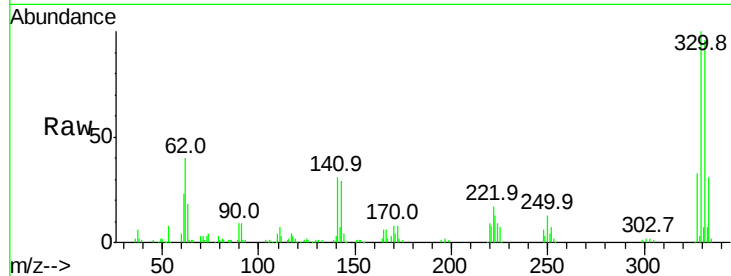
Tot Ion:330 Resp: 118894

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

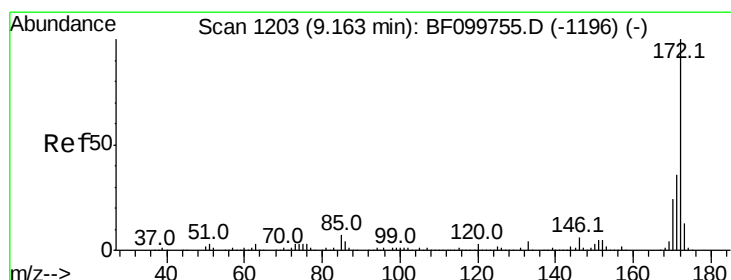
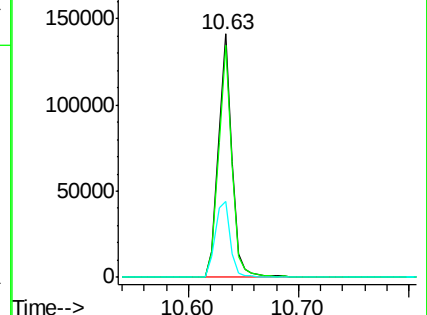
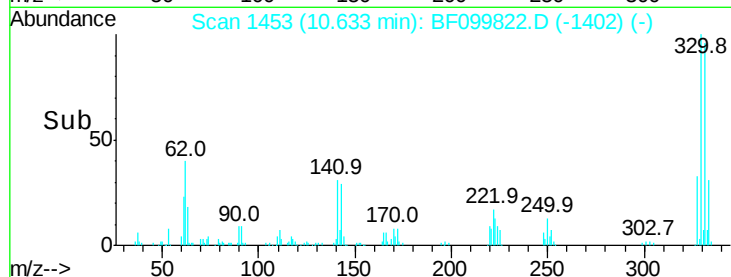
141 34.8 29.9 44.9



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: 78.880 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

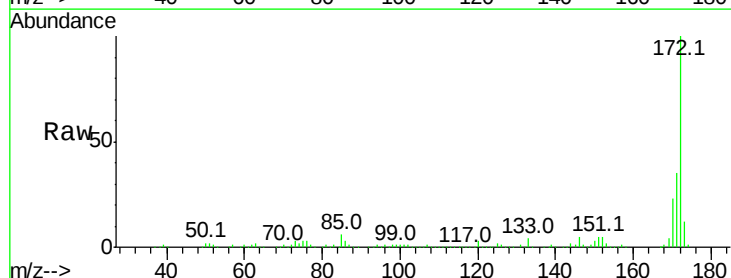
Tgt Ion:172 Resp: 671759

Ion Ratio Lower Upper

172 100

171 35.4 29.7 44.5

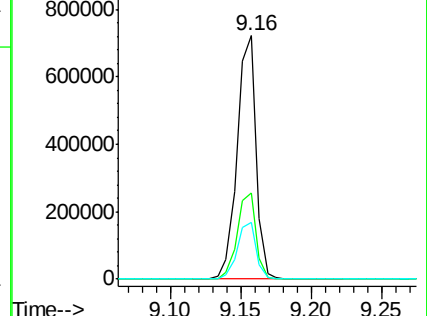
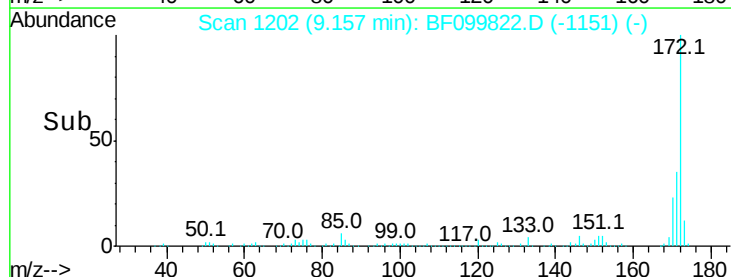
170 23.1 19.6 29.4

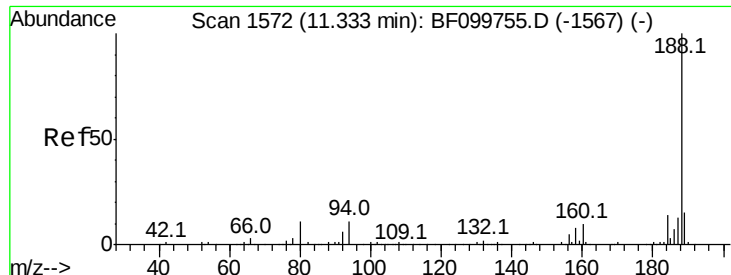


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

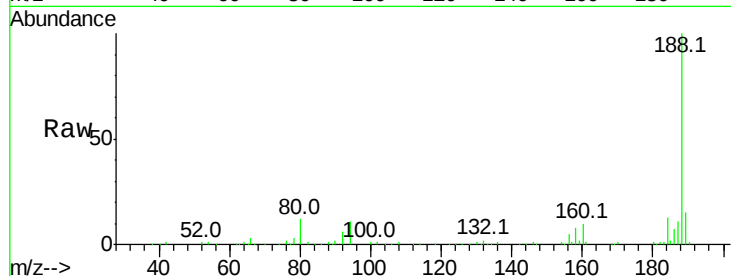




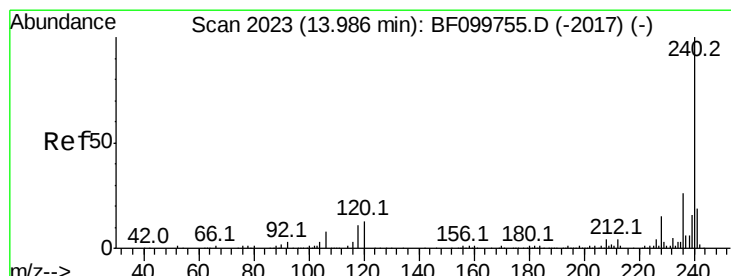
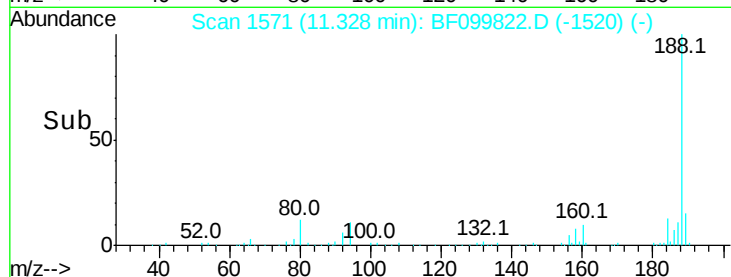
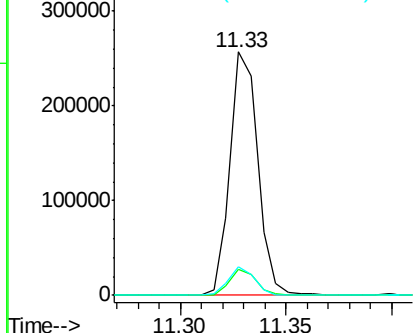
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF099822.D
Acq: 25 Oct 2017 19:23

Instrument :
BNA_F
ClientSampleId :
PB103580BL

Tot Ion:188 Resp: 233494
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.7 9.2 13.8

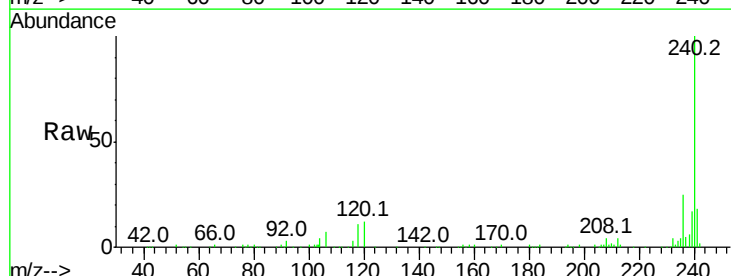


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

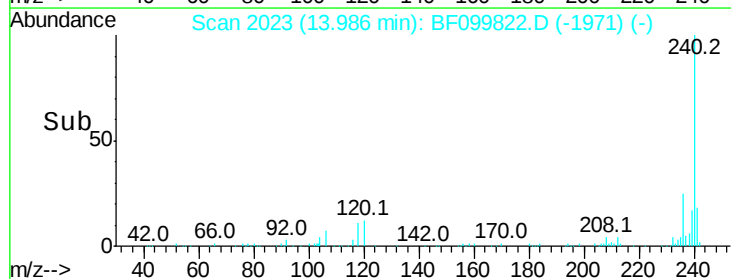
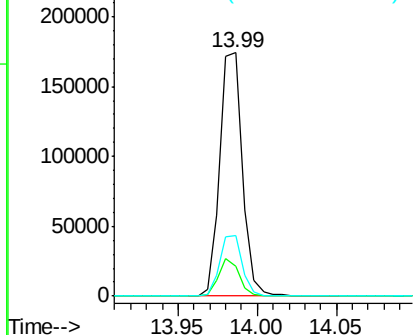


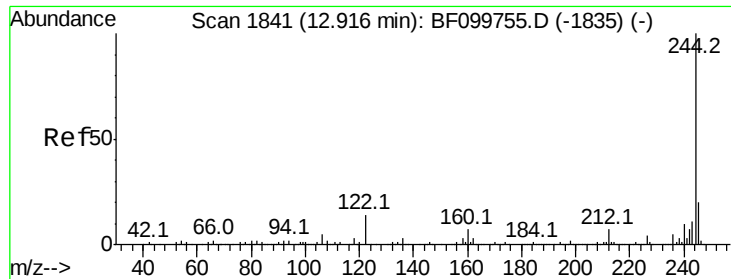
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF099822.D
Acq: 25 Oct 2017 19:23

Tgt Ion:240 Resp: 172475
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.1 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

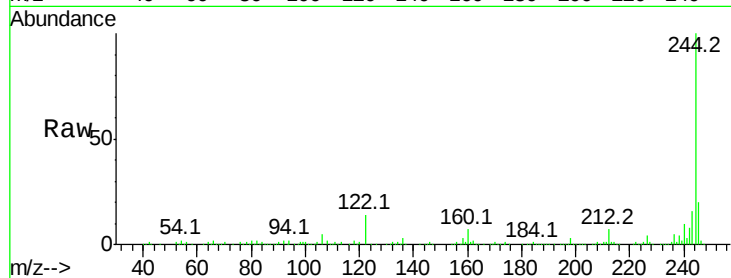




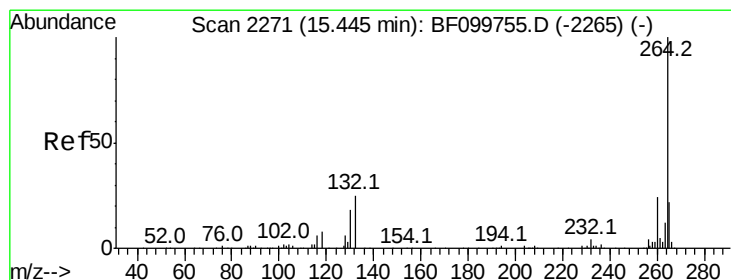
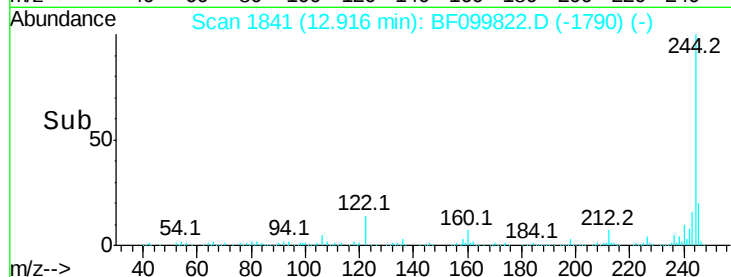
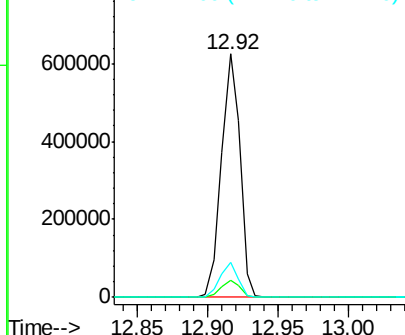
#78
 Terphenyl-d14
 Concen: 72.606 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BL

Tot Ion:244 Resp: 573024
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.2 11.0 16.4

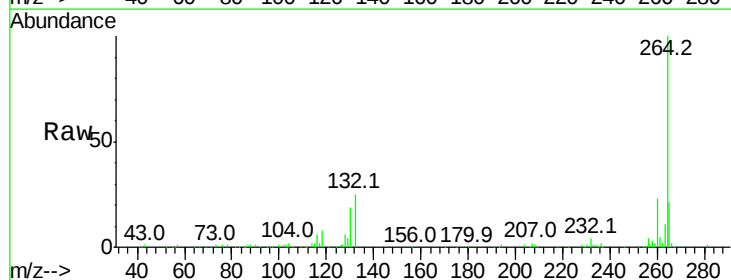


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Tgt Ion:264 Resp: 148914
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.4 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

