

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099779.D
 Acq On : 24 Oct 2017 00:37
 Operator : SJ/JU
 Sample : I6037-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT102

Quant Time: Oct 24 03:02:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100806	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	422264	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	189989	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	291243	20.00	ng	0.00
75) Chrysene-d12	13.97	240	168894	20.00	ng	-0.01
86) Perylene-d12	15.44	264	185759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	359840	56.04	ng	0.00
7) Phenol-d6	6.45	99	271473	35.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	512123	78.08	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	169202	97.73	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1005191	81.63	ng	0.00
78) Terphenyl-d14	12.92	244	635426	82.22	ng	0.00

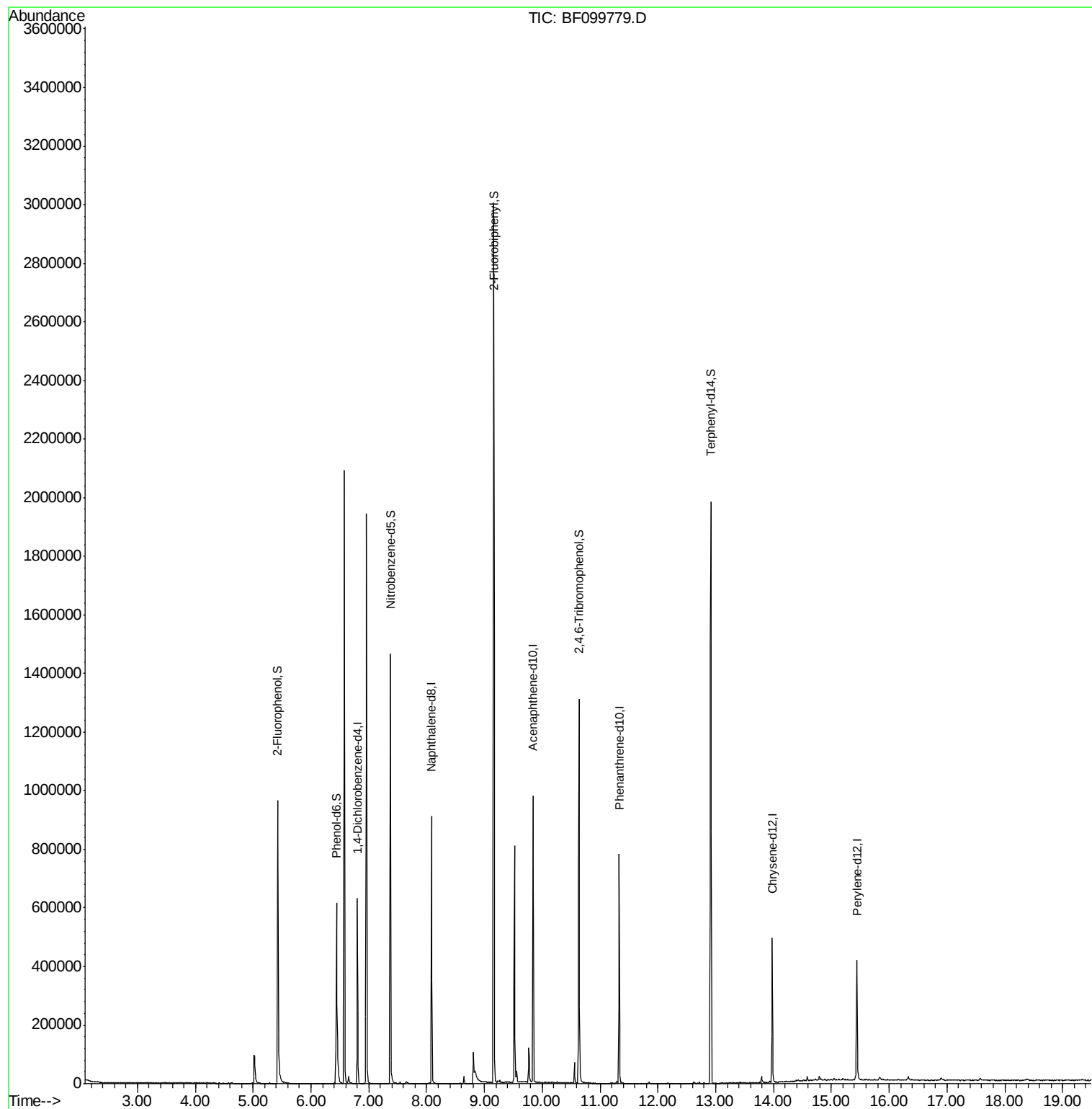
Target Compounds Qvalue

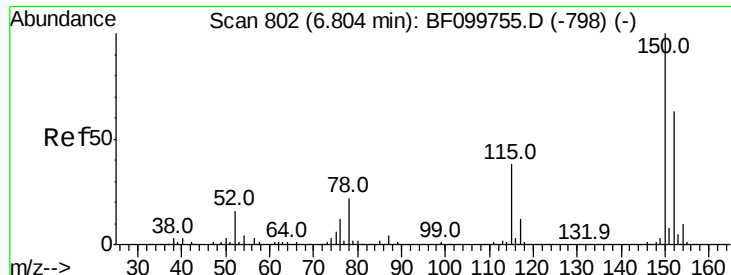
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099779.D
Acq On : 24 Oct 2017 00:37
Operator : SJ/JU
Sample : I6037-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-GT102

Quant Time: Oct 24 03:02:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 23:39:26 2017
Response via : Initial Calibration



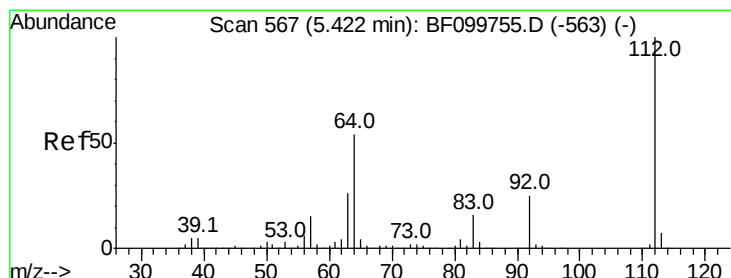
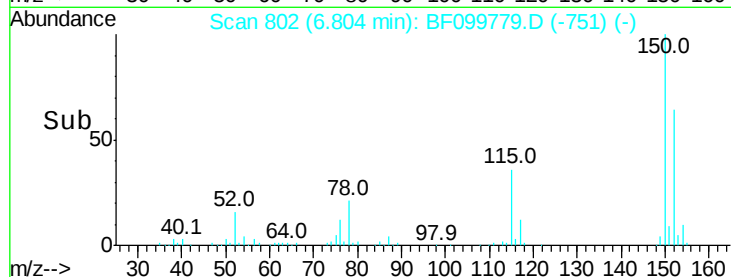
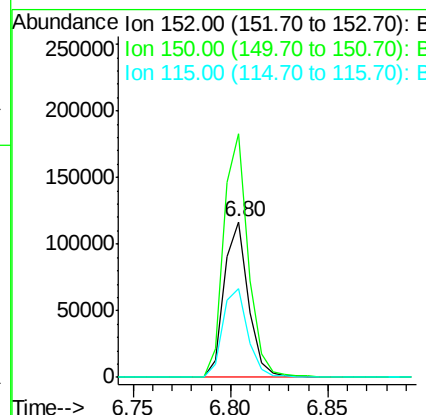
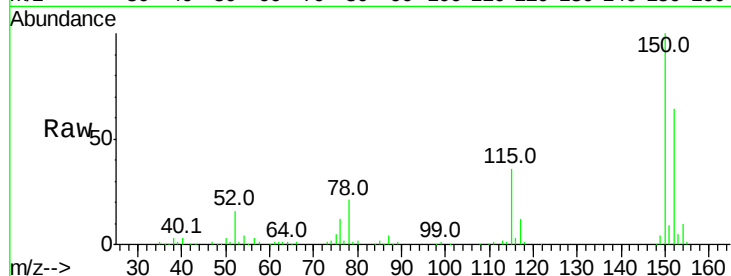


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099779.D
Acq: 24 Oct 2017 00:37

Instrument :
BNA_F
ClientSampleId :
RAV-GT102

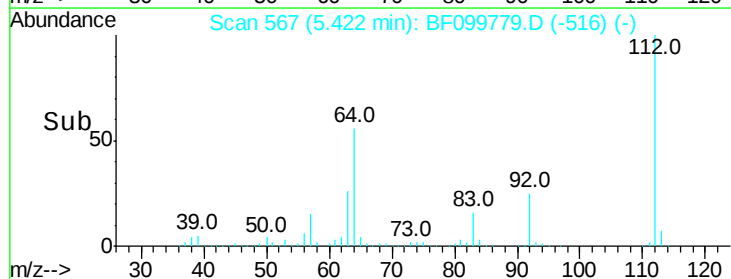
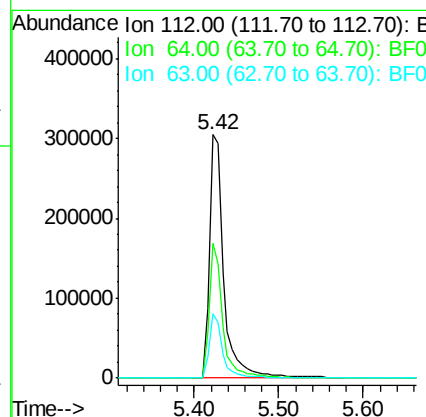
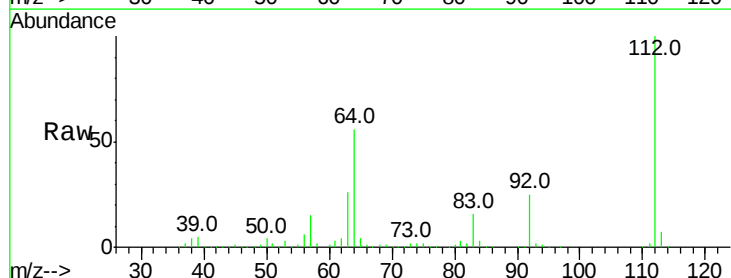
Tot Ion:152 Resp: 100806
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 56.7 50.1 75.1



#5

2-Fluorophenol
Concen: 56.042 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF099779.D
Acq: 24 Oct 2017 00:37

Tgt Ion:112 Resp: 359840
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 26.3 23.7 35.5





#7

Phenol-d6

Concen: 35.657 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099779.D

Acq: 24 Oct 2017 00:37

Instrument :

BNA_F

ClientSampleId :

RAV-GT102

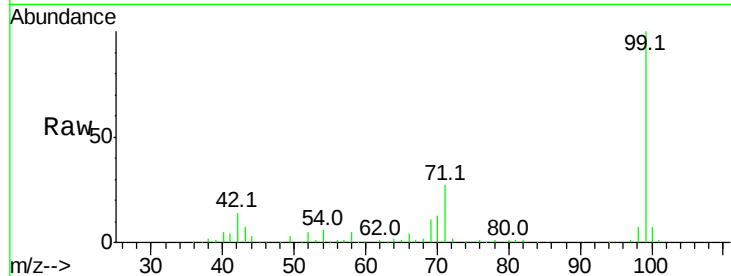
Tot Ion: 99 Resp: 271473

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

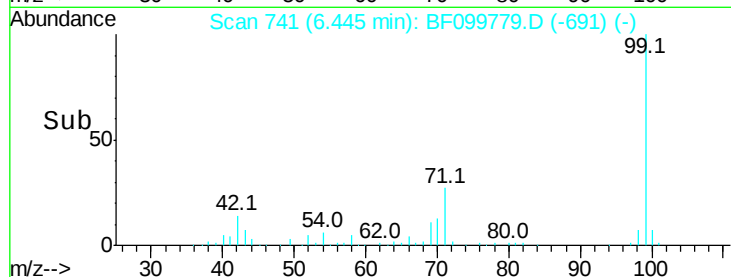
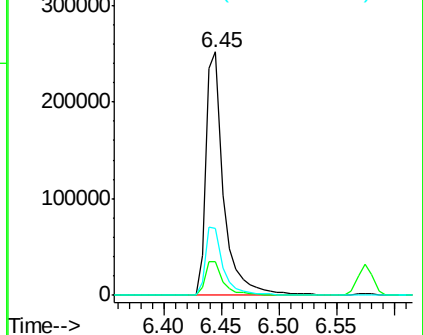
71 27.4 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099779.D

Acq: 24 Oct 2017 00:37

Tgt Ion: 136 Resp: 422264

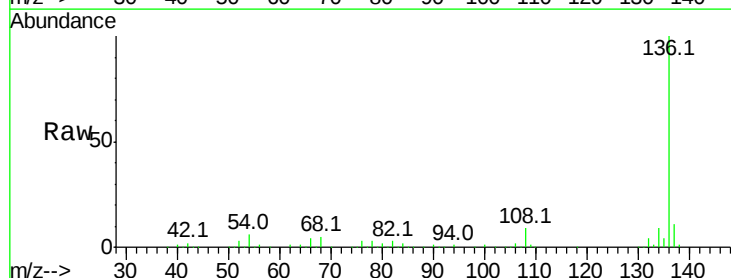
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.1 6.6 9.8#

68 5.1 5.0 7.4

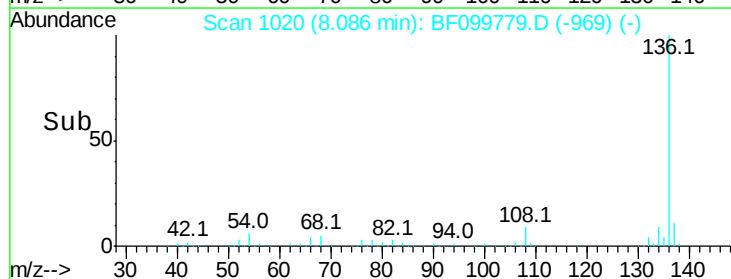
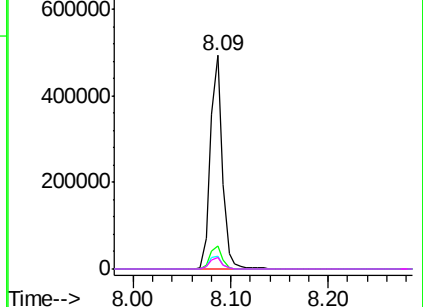


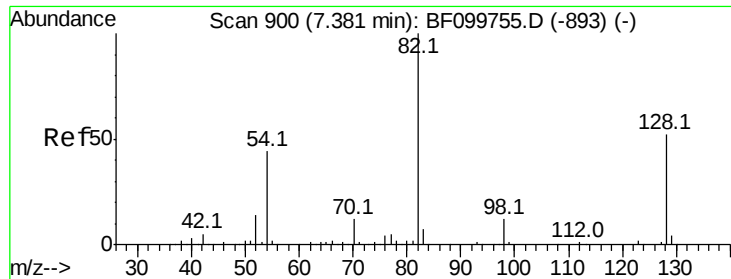
Abundance Ion 136.00 (135.70 to 136.70): E

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

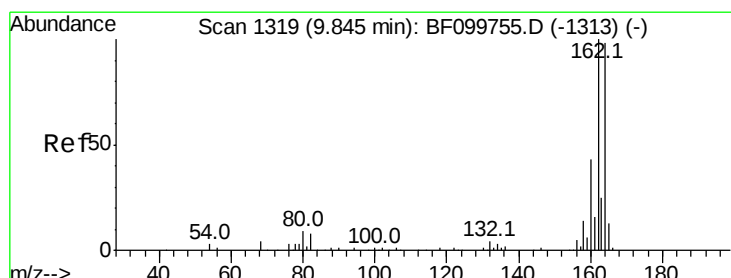
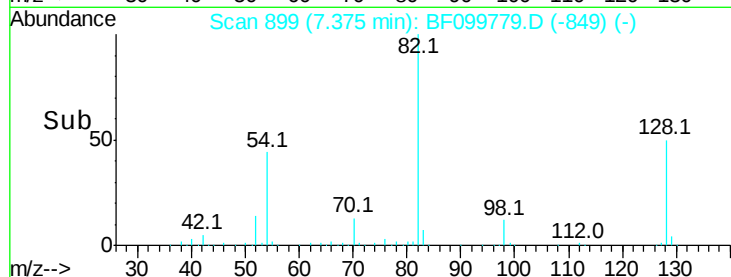
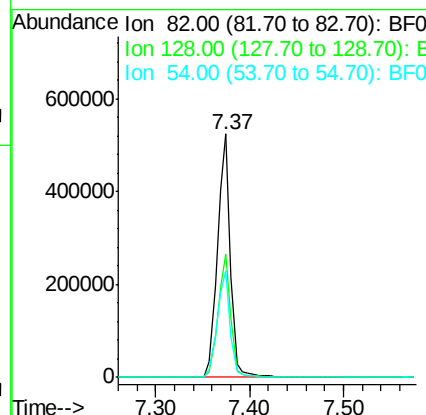
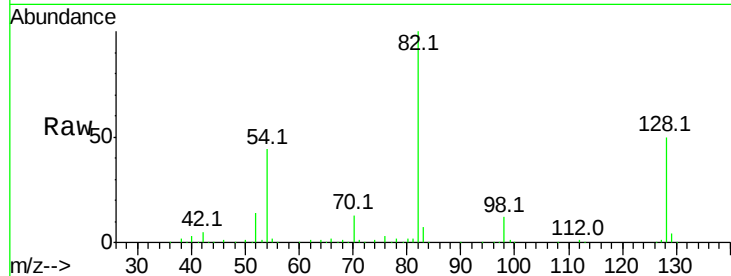




#23
 Nitrobenzene-d5
 Concen: 78.081 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099779.D
 Acq: 24 Oct 2017 00:37

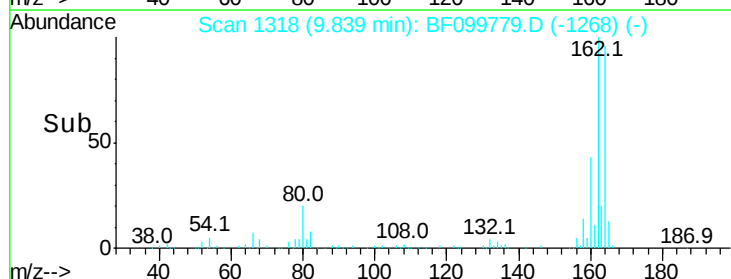
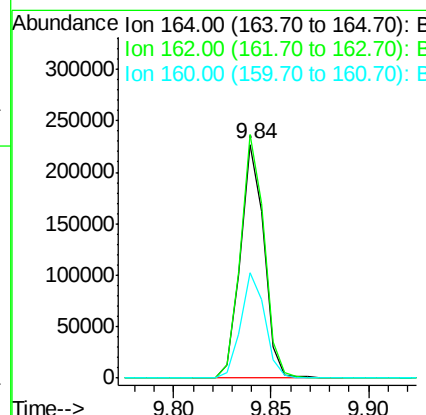
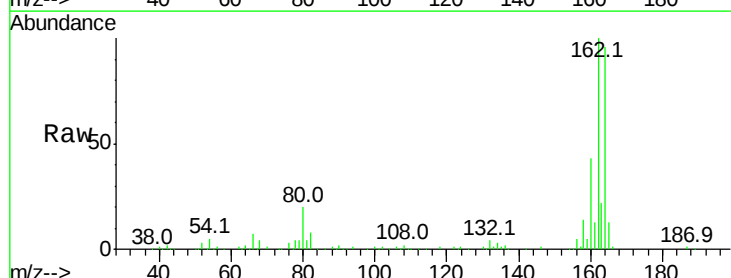
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT102

Tot Ion: 82 Resp: 512123
 Ion Ratio Lower Upper
 82 100
 128 50.4 36.1 54.1
 54 43.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099779.D
 Acq: 24 Oct 2017 00:37

Tgt Ion:164 Resp: 189989
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 45.2 38.3 57.5

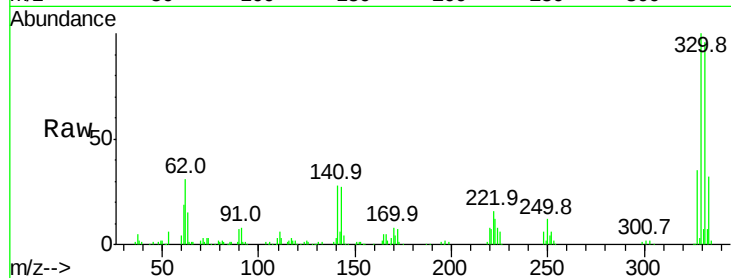




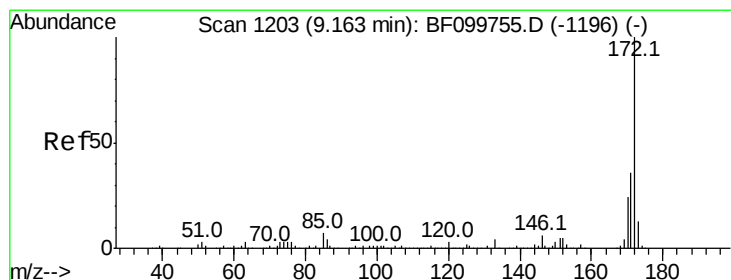
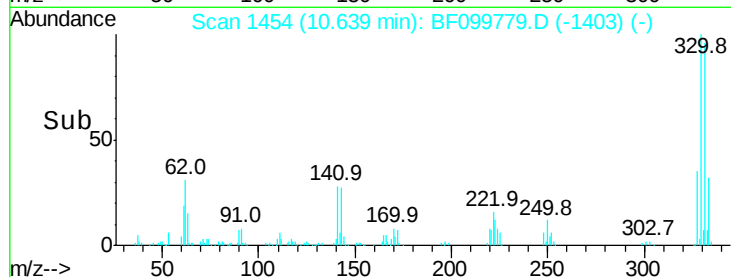
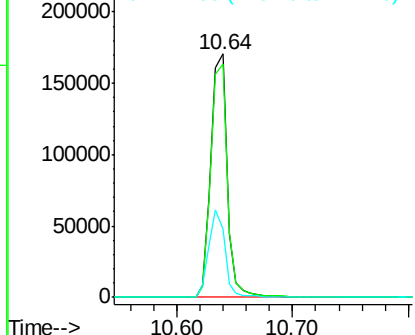
#41
 2,4,6-Tribromophenol
 Concen: 97.725 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099779.D
 Acq: 24 Oct 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT102

Tot Ion:330 Resp: 169202
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 35.5 29.9 44.9

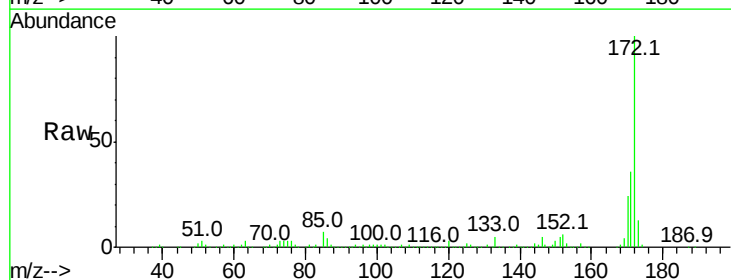


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

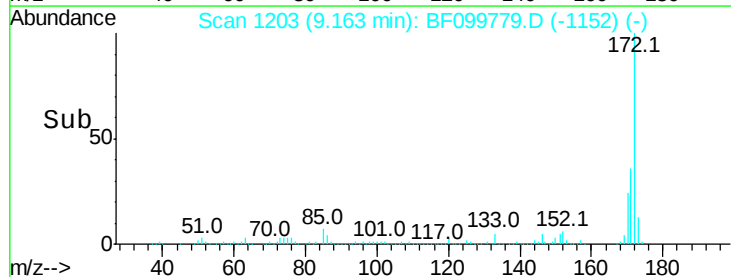
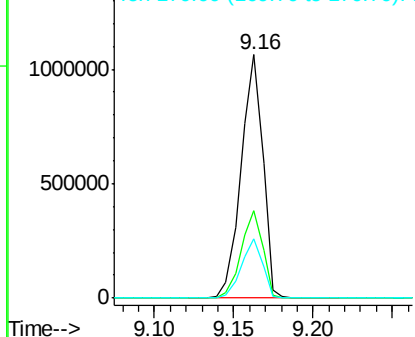


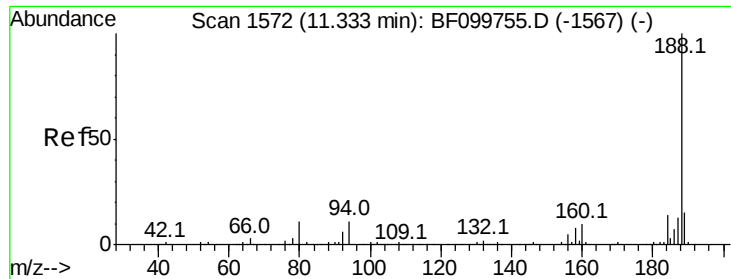
#44
 2-Fluorobiphenyl
 Concen: 81.628 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099779.D
 Acq: 24 Oct 2017 00:37

Tgt Ion:172 Resp: 1005191
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 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

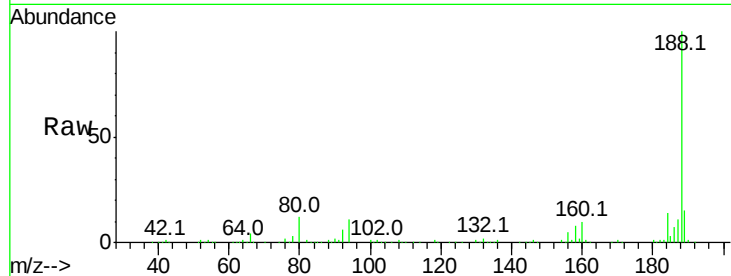




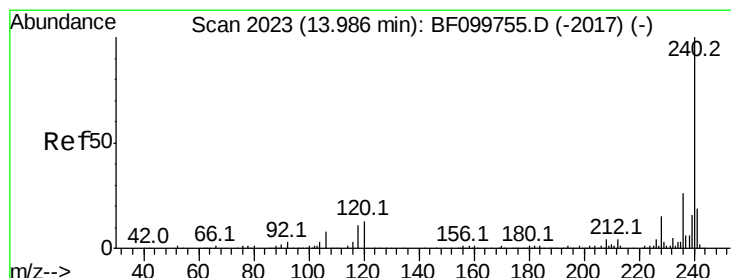
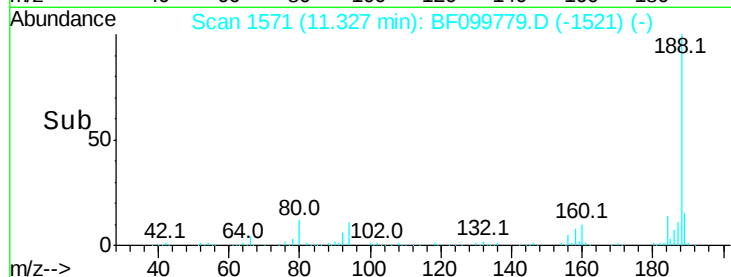
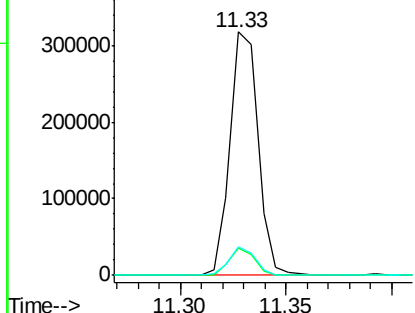
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF099779.D
Acq: 24 Oct 2017 00:37

Instrument :
BNA_F
ClientSampleId :
RAV-GT102

Tot Ion:188 Resp: 291243
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.6 9.2 13.8

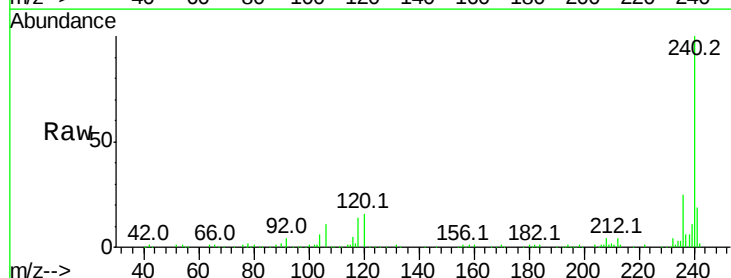


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

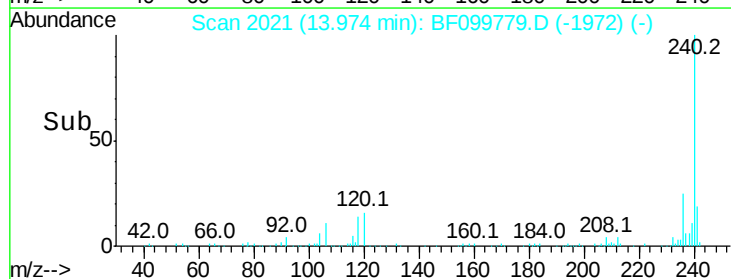
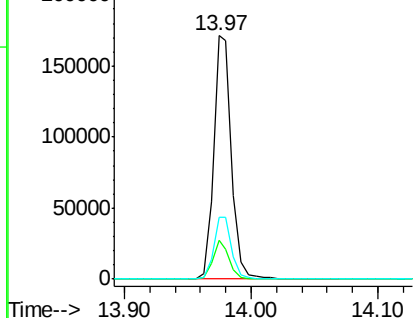


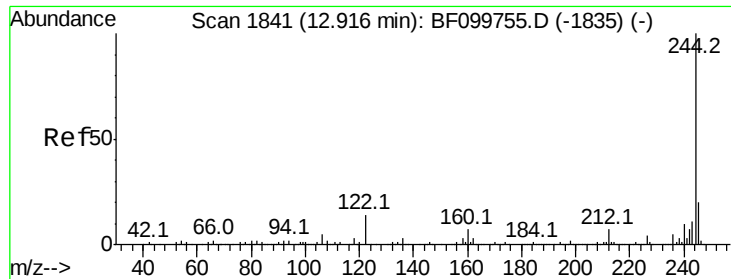
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099779.D
Acq: 24 Oct 2017 00:37

Tgt Ion:240 Resp: 168894
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 25.3 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

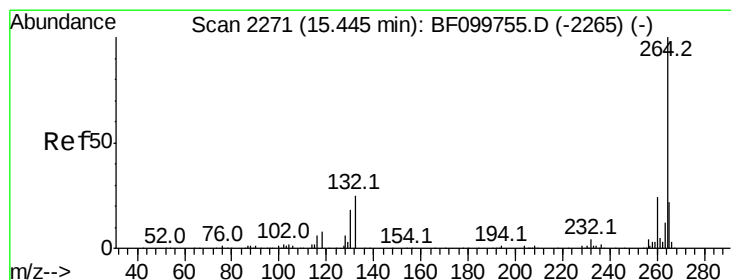
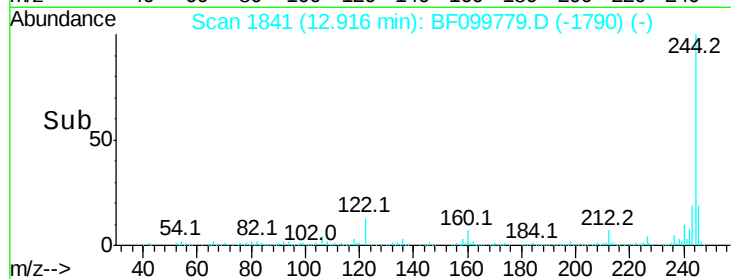
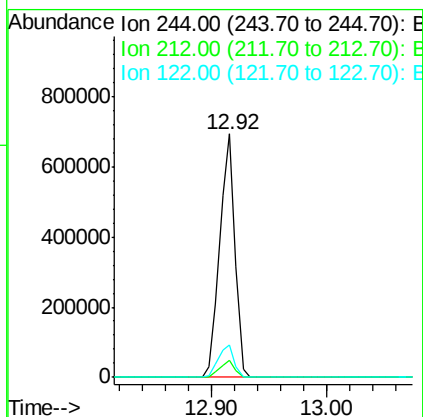
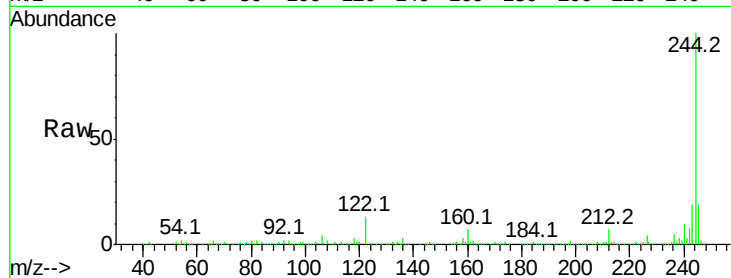




#78
 Terphenyl-d14
 Concen: 82.220 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099779.D
 Acq: 24 Oct 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT102

Tot Ion:244 Resp: 635426
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099779.D
 Acq: 24 Oct 2017 00:37

Tgt Ion:264 Resp: 185759
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.5 26.3

