

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099781.D
 Acq On : 24 Oct 2017 1:32
 Operator : SJ/JU
 Sample : I6037-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT106

Quant Time: Oct 24 03:04:21 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	105290	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	427520	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	189226	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	272333	20.00	ng	0.00
75) Chrysene-d12	13.97	240	182041	20.00	ng	-0.01
86) Perylene-d12	15.44	264	202420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	394957	58.89	ng	0.00
7) Phenol-d6	6.45	99	302028	37.98	ng	0.00
23) Nitrobenzene-d5	7.37	82	533694	80.37	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	171644	99.54	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1051910	85.77	ng	0.00
78) Terphenyl-d14	12.92	244	638453	76.65	ng	0.00

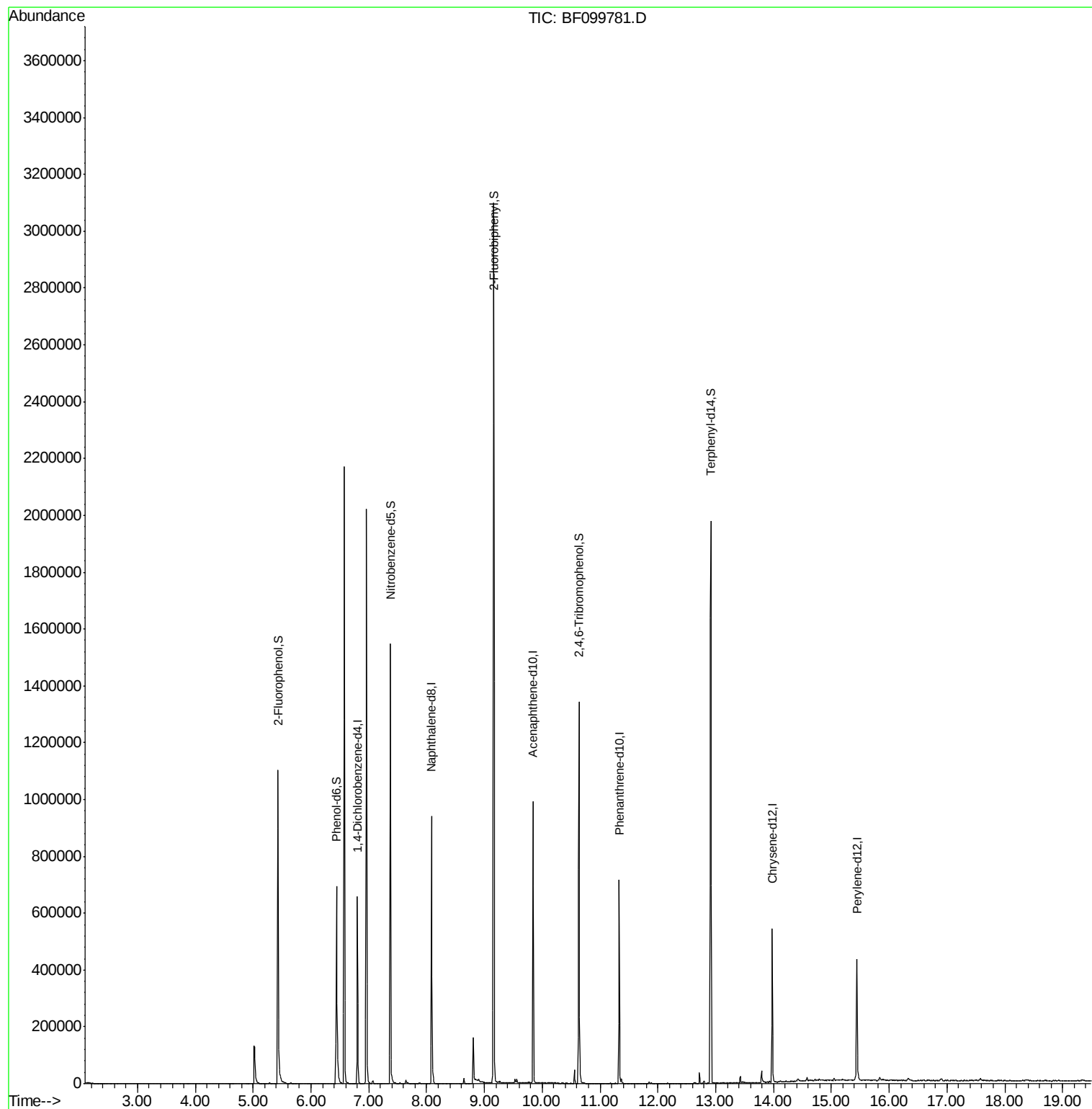
Target Compounds Qvalue

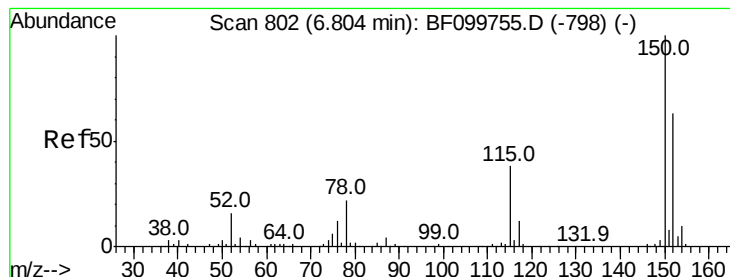
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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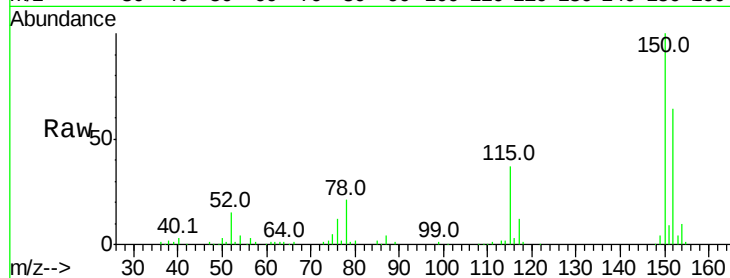


#1

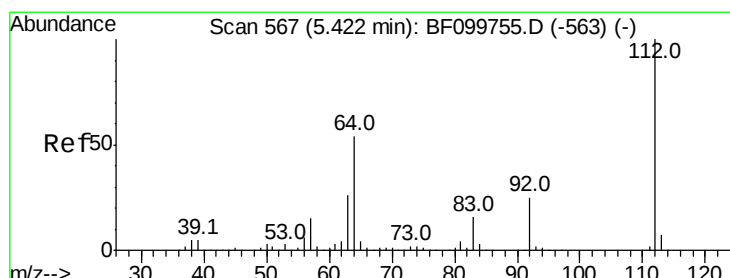
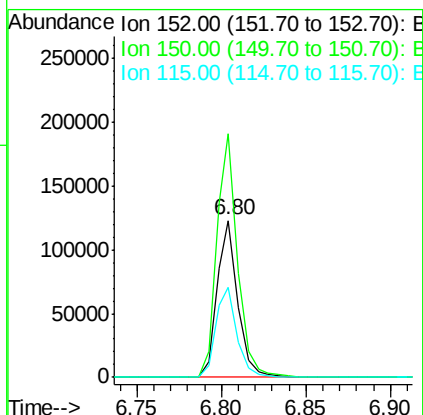
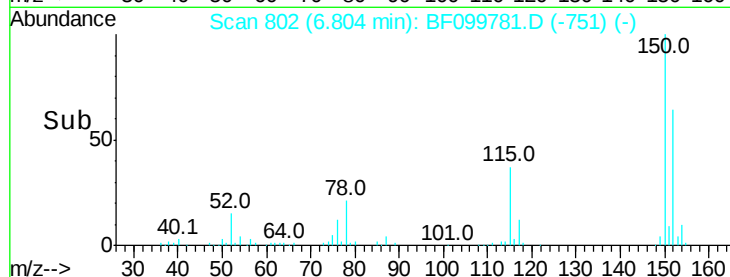
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099781.D
Acq: 24 Oct 2017 1:32

Instrument :
BNA_F
ClientSampleId :
RAV-GT106

Tot Ion:152 Resp: 105290
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.2 50.1 75.1



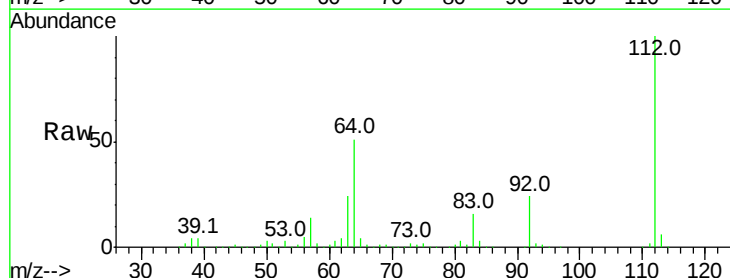
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



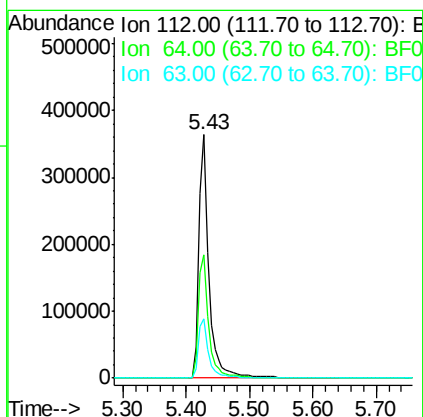
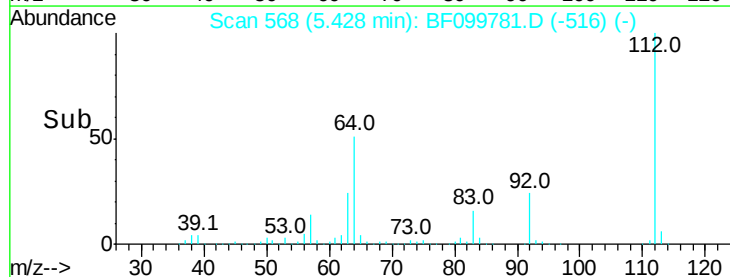
#5

2-Fluorophenol
Concen: 58.892 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099781.D
Acq: 24 Oct 2017 1:32

Tgt Ion:112 Resp: 394957
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 24.3 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: 37.981 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099781.D

Acq: 24 Oct 2017 1:32

Instrument :

BNA_F

ClientSampleId :

RAV-GT106

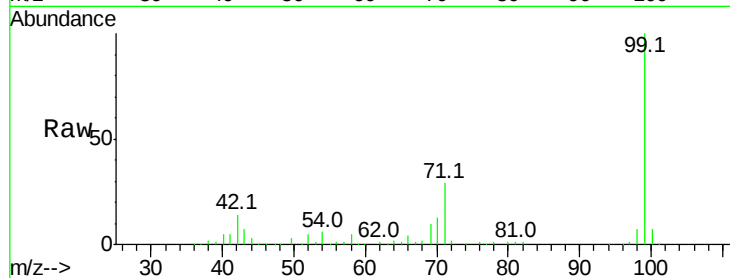
Tot Ion: 99 Resp: 302028

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

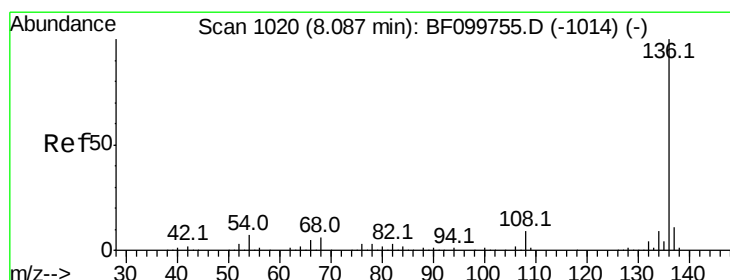
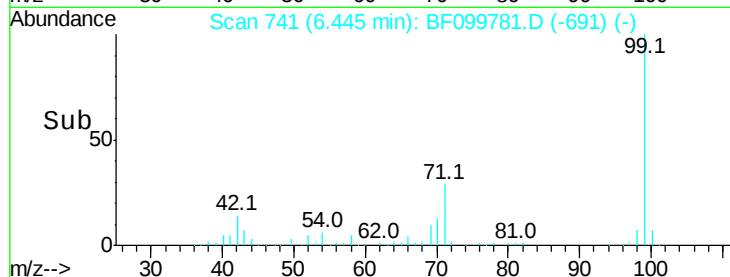
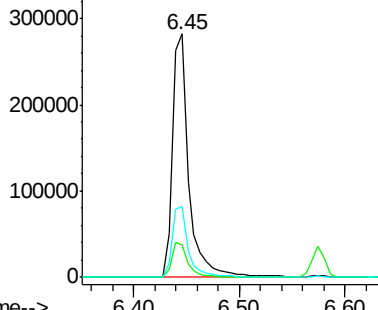
71 29.0 25.4 38.0



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: BF099781.D

Acq: 24 Oct 2017 1:32

Tgt Ion: 136 Resp: 427520

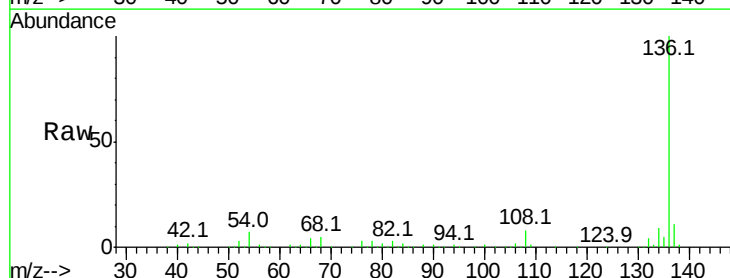
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.5 6.6 9.8#

68 5.2 5.0 7.4

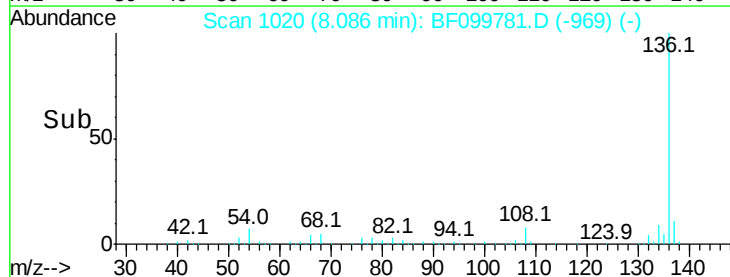
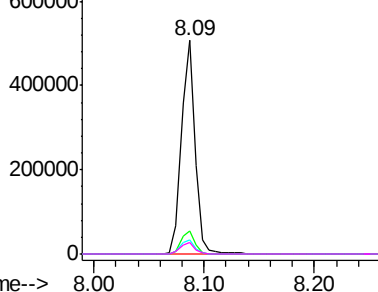


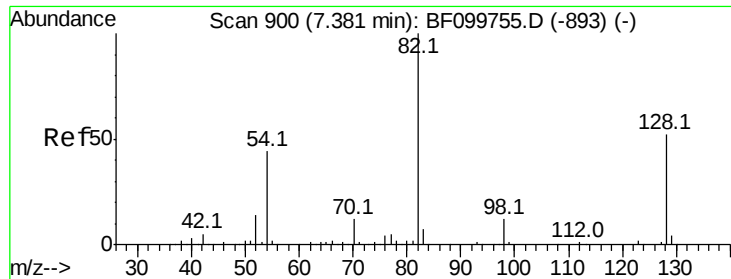
Abundance Ion 136.00 (135.70 to 136.70): E

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

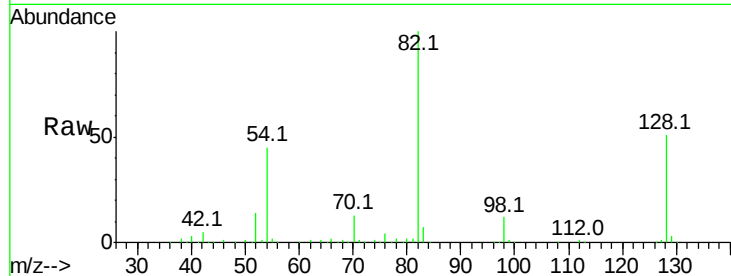




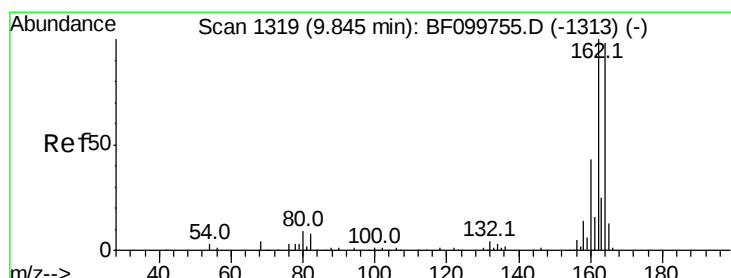
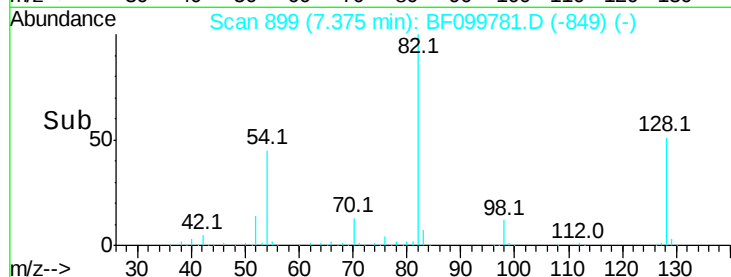
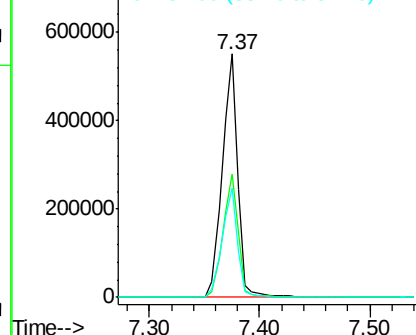
#23
 Nitrobenzene-d5
 Concen: 80.369 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099781.D
 Acq: 24 Oct 2017 1:32

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT106

Tot Ion: 82 Resp: 533694
 Ion Ratio Lower Upper
 82 100
 128 50.6 36.1 54.1
 54 45.1 41.4 62.2

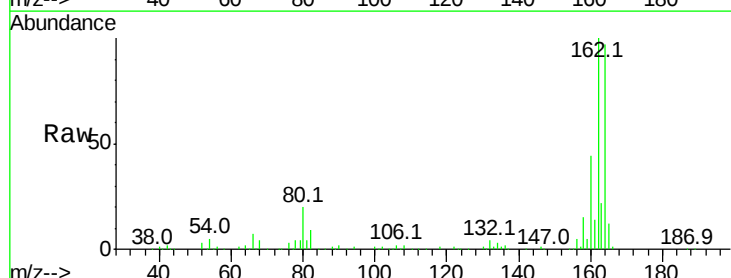


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

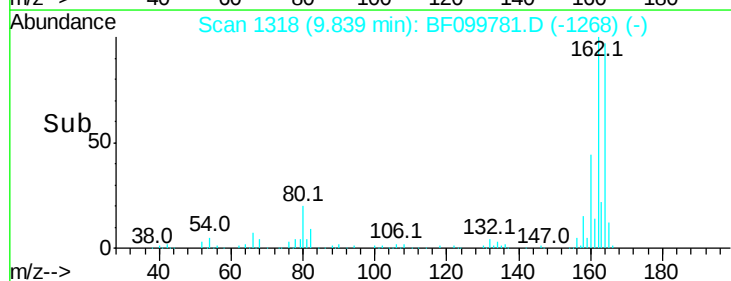
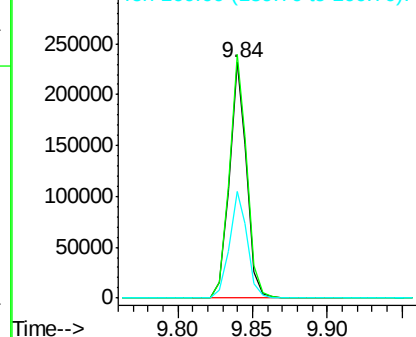


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099781.D
 Acq: 24 Oct 2017 1:32

Tgt Ion:164 Resp: 189226
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 45.2 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

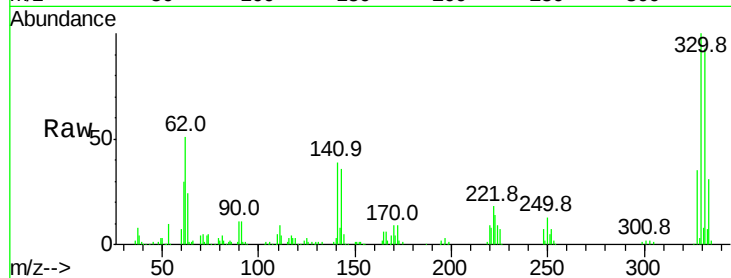




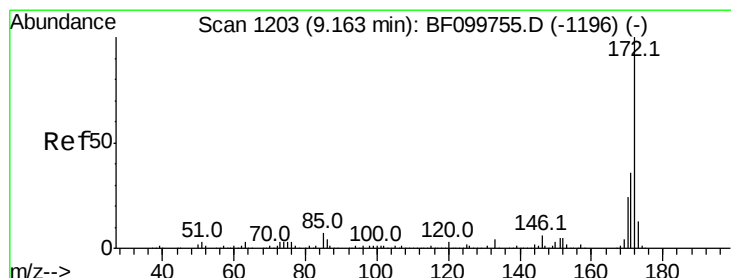
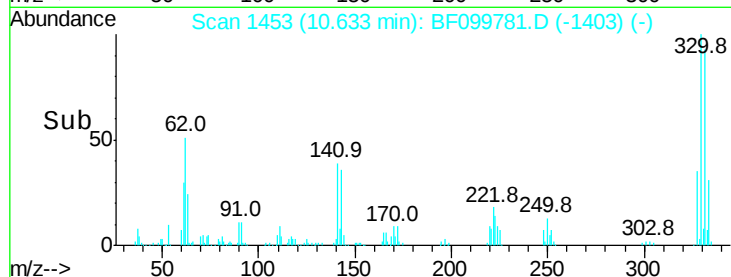
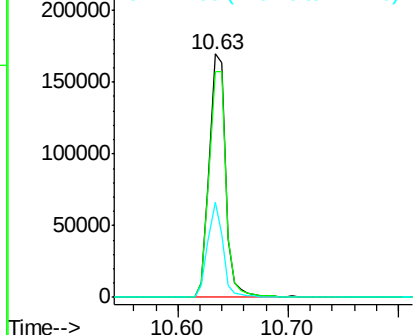
#41
 2,4,6-Tribromophenol
 Concen: 99.536 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099781.D
 Acq: 24 Oct 2017 1:32

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT106

Tot Ion:330 Resp: 171644
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 36.0 29.9 44.9

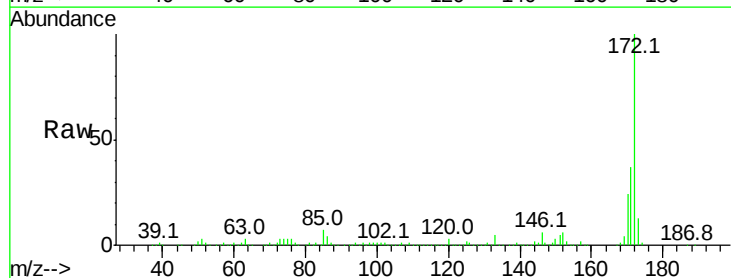


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

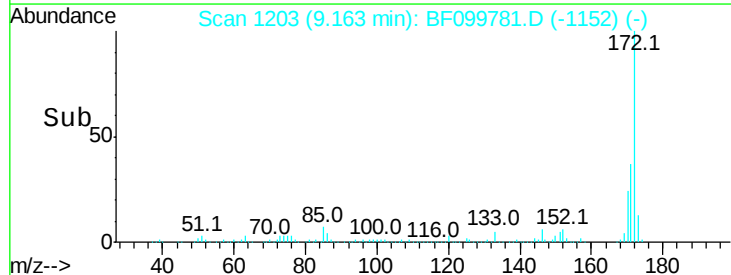
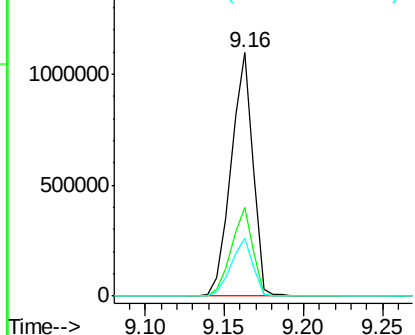


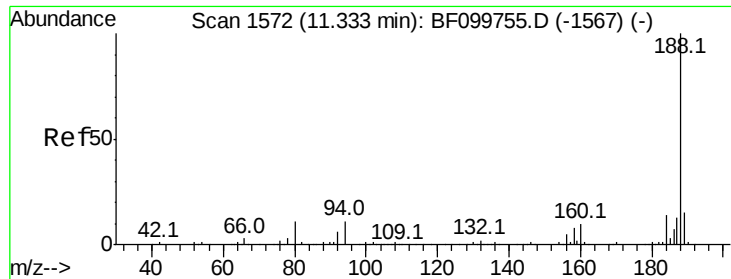
#44
 2-Fluorobiphenyl
 Concen: 85.767 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099781.D
 Acq: 24 Oct 2017 1:32

Tgt Ion:172 Resp: 1051910
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 23.8 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

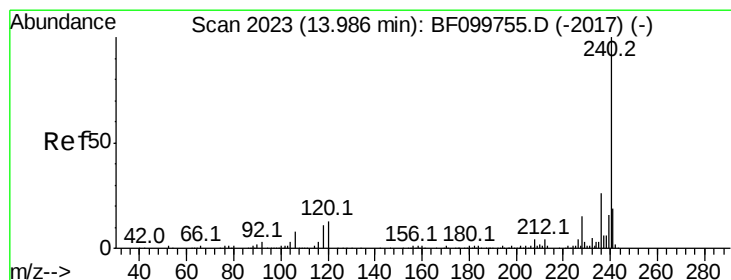
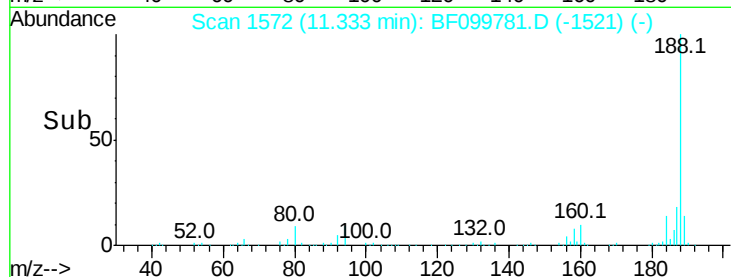
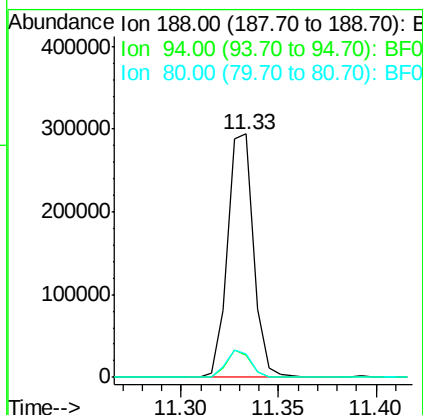
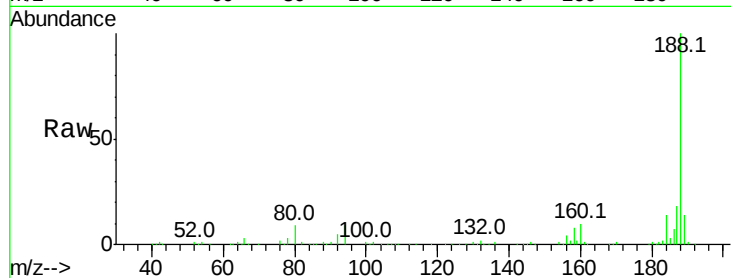




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099781.D
Acq: 24 Oct 2017 1:32

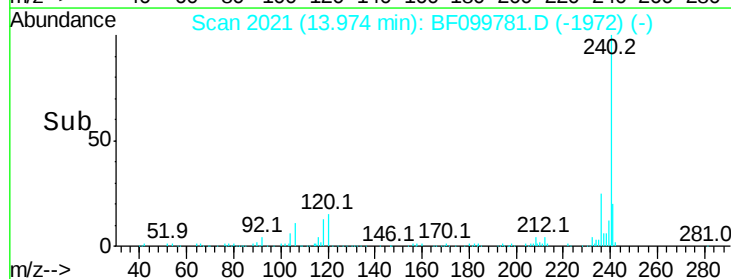
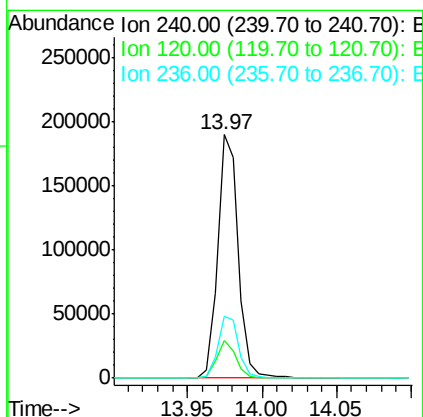
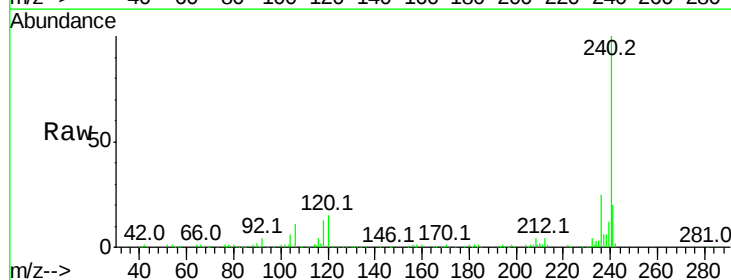
Instrument :
BNA_F
ClientSampleId :
RAV-GT106

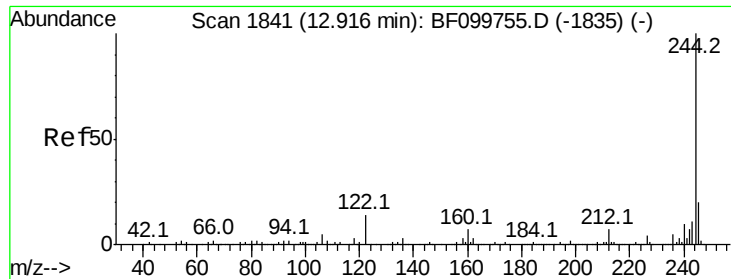
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099781.D
Acq: 24 Oct 2017 1:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	25.3	20.7	31.1

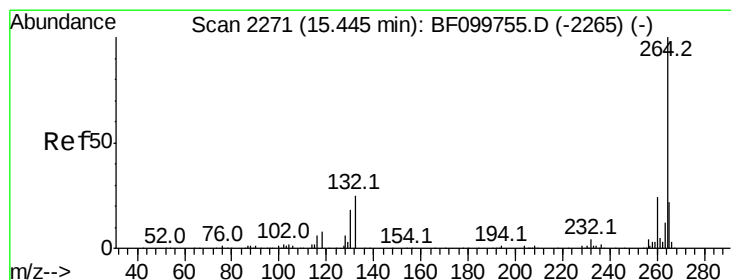
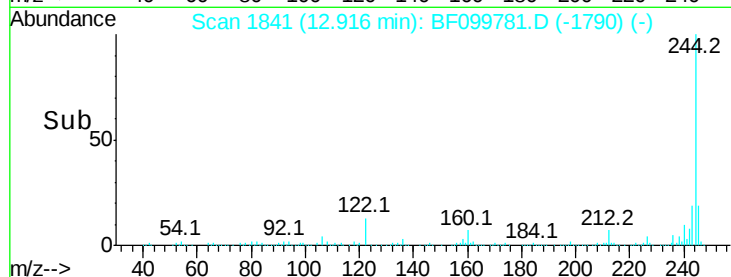
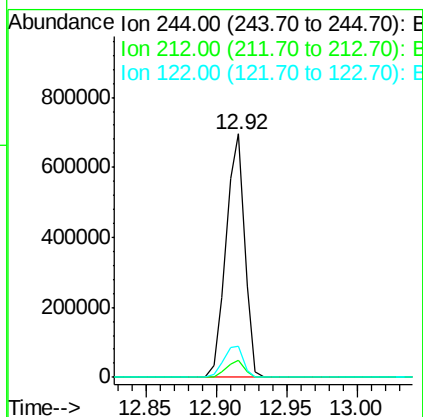
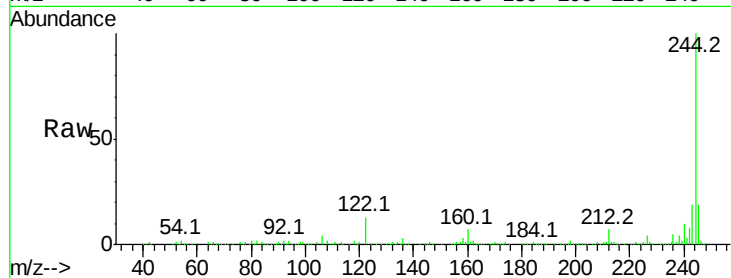




#78
 Terphenyl-d14
 Concen: 76.645 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099781.D
 Acq: 24 Oct 2017 1:32

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT106

Tot Ion:244 Resp: 638453
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.7 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: BF099781.D
 Acq: 24 Oct 2017 1:32

Tgt Ion:264 Resp: 202420
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.0 17.5 26.3

