

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099778.D
 Acq On : 24 Oct 2017 00:09
 Operator : SJ/JU
 Sample : I6037-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT111

Quant Time: Oct 24 00:44:48 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	106529	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	446615	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	205415	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	332571	20.00	ng	0.00
75) Chrysene-d12	13.98	240	185061	20.00	ng	0.00
86) Perylene-d12	15.44	264	201401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	422090	62.21	ng	0.00
7) Phenol-d6	6.45	99	340112	42.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	546361	78.76	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	199404	106.52	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1085687	81.54	ng	0.00
78) Terphenyl-d14	12.92	244	717228	84.70	ng	0.00

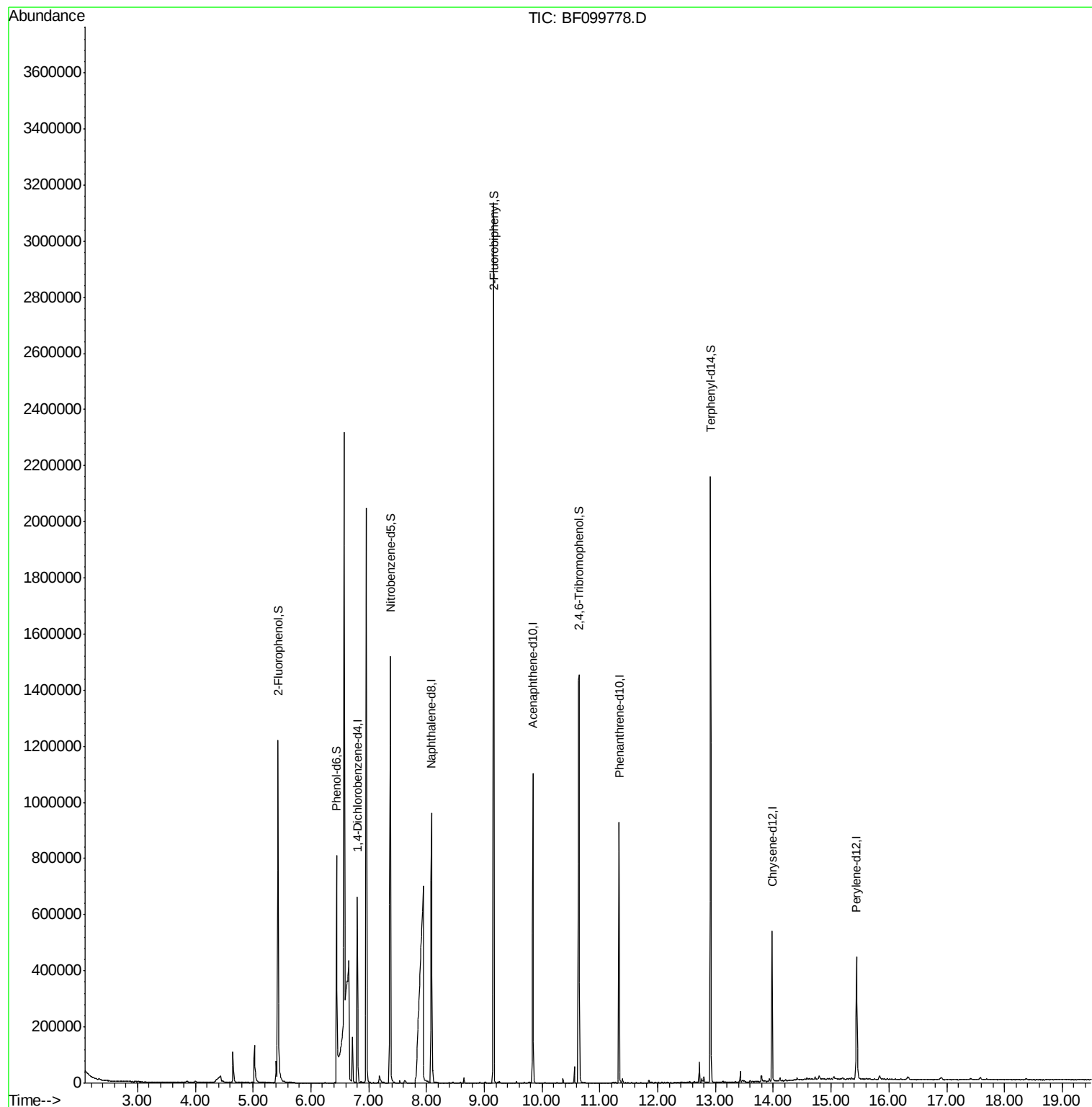
Target Compounds Qvalue

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

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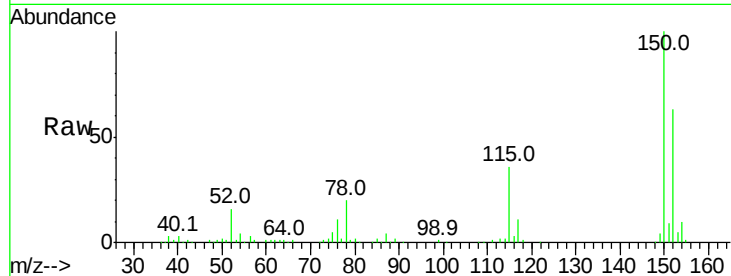


#1

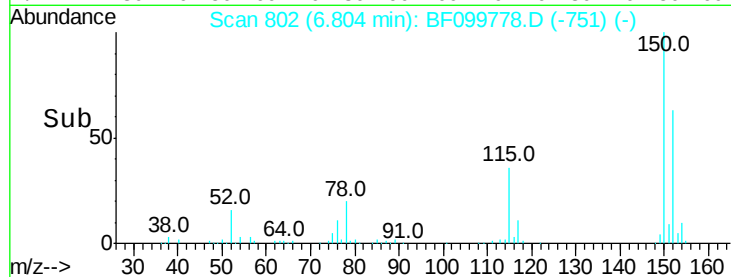
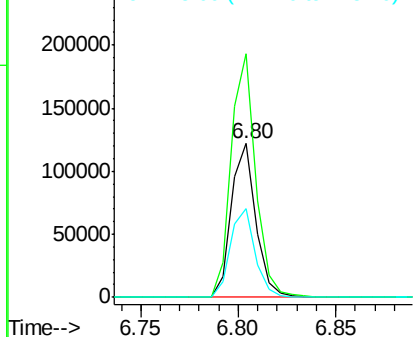
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF099778.D
 Acq: 24 Oct 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT111

Tot Ion:152 Resp: 106529
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 57.8 50.1 75.1



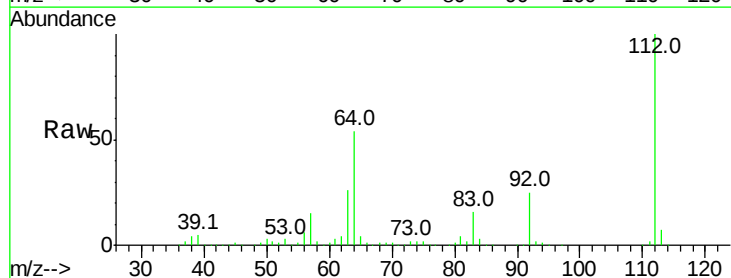
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



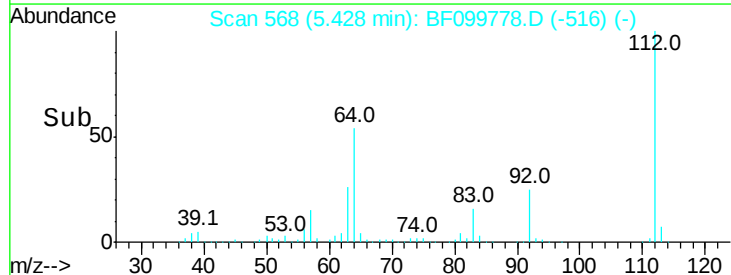
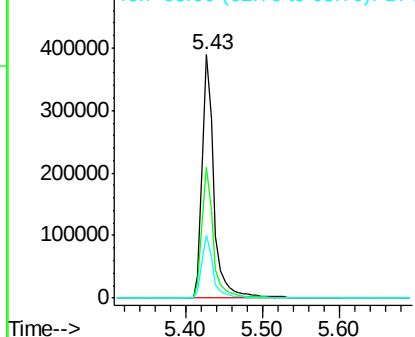
#5

2-Fluorophenol
 Concen: 62.205 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099778.D
 Acq: 24 Oct 2017 00:09

Tgt Ion:112 Resp: 422090
 Ion Ratio Lower Upper
 112 100
 64 53.9 47.9 71.9
 63 25.8 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: 42.273 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099778.D

Acq: 24 Oct 2017 00:09

Instrument :

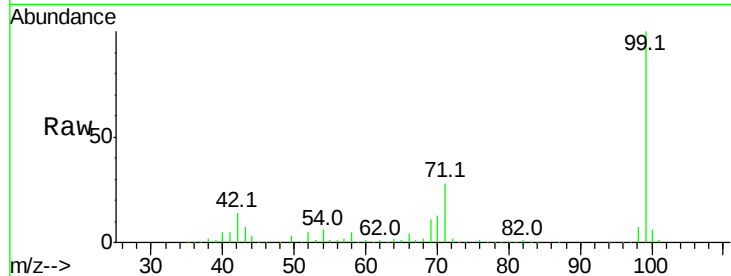
BNA_F

ClientSampleId :

RAV-GT111

Tot Ion: 99 Resp: 340112

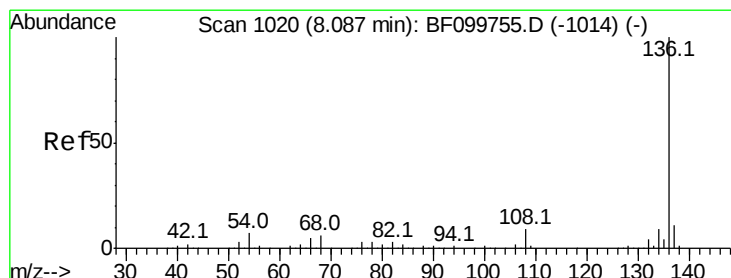
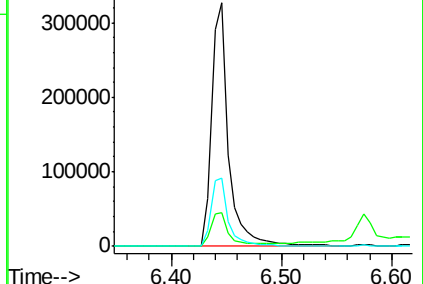
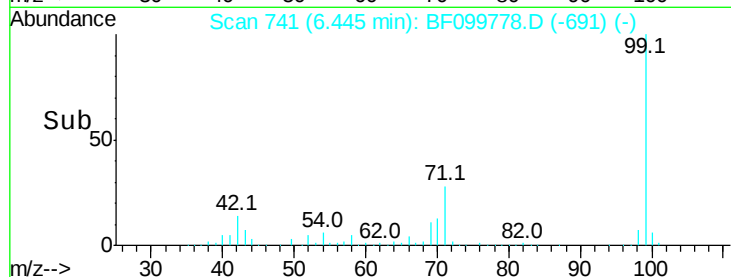
Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.0	25.4	38.0



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

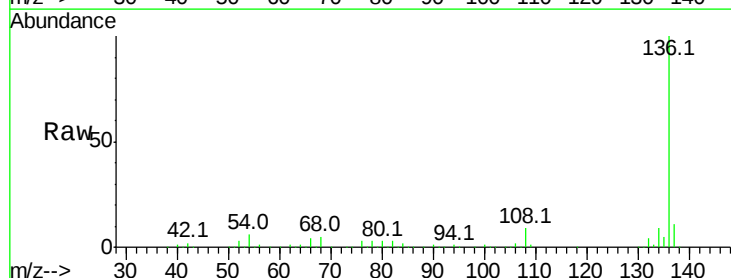
Delta R.T. -0.00 min

Lab File: BF099778.D

Acq: 24 Oct 2017 00:09

Tgt Ion: 136 Resp: 446615

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.2	6.6	9.8#
68	5.3	5.0	7.4

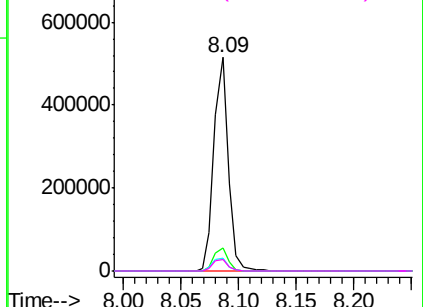
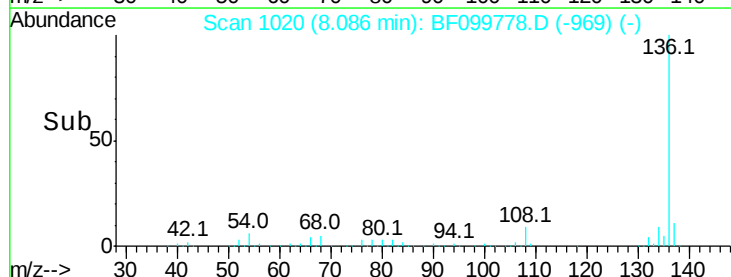


Abundance Ion 136.00 (135.70 to 136.70): E

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

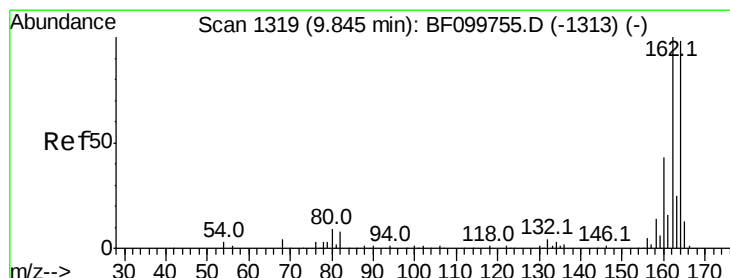
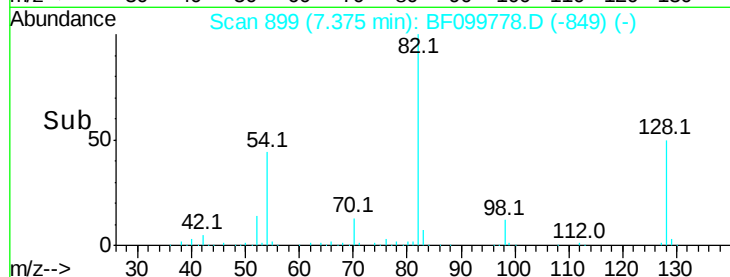
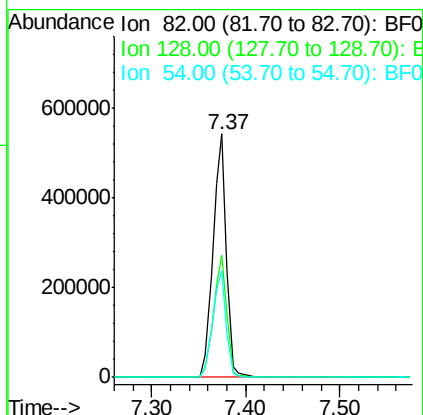
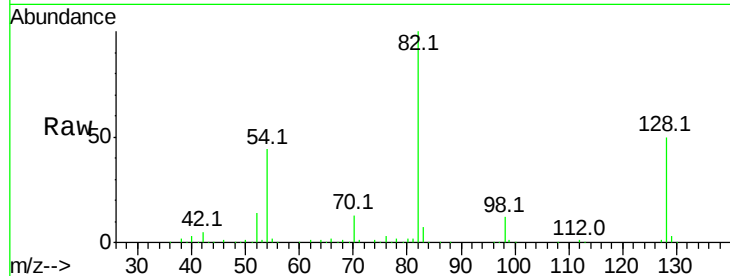




#23
 Nitrobenzene-d5
 Concen: 78.759 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099778.D
 Acq: 24 Oct 2017 00:09

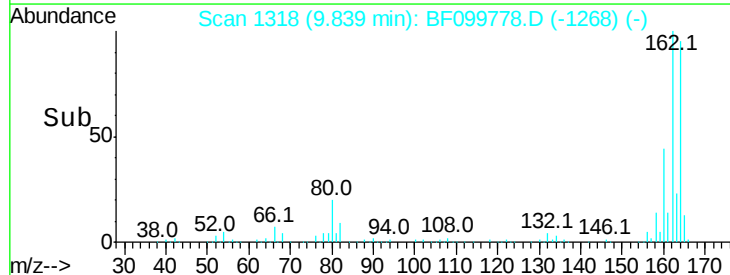
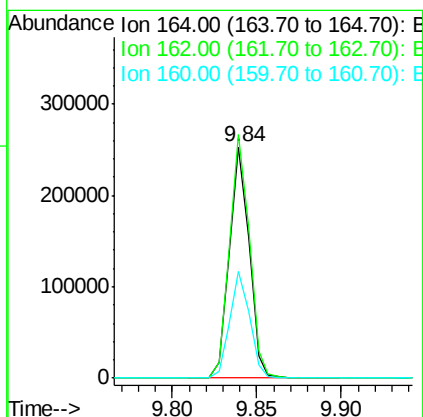
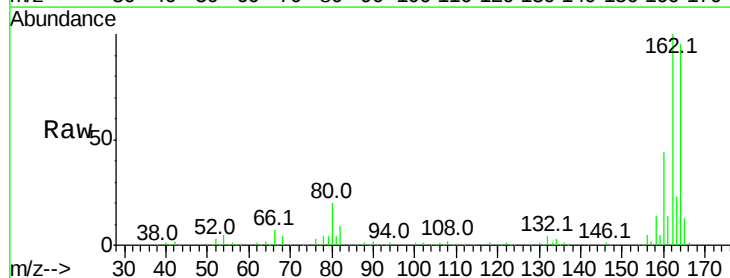
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT111

Tot Ion: 82 Resp: 546361
 Ion Ratio Lower Upper
 82 100
 128 50.3 36.1 54.1
 54 43.8 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: BF099778.D
 Acq: 24 Oct 2017 00:09

Tgt Ion:164 Resp: 205415
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 46.2 38.3 57.5

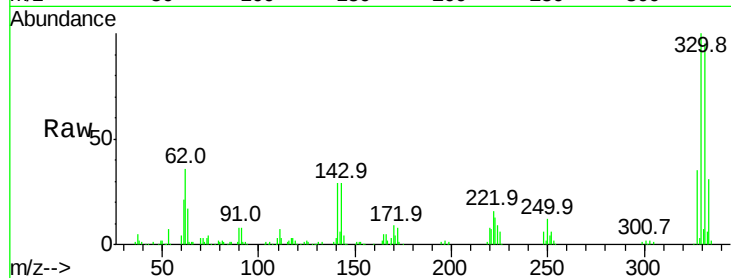




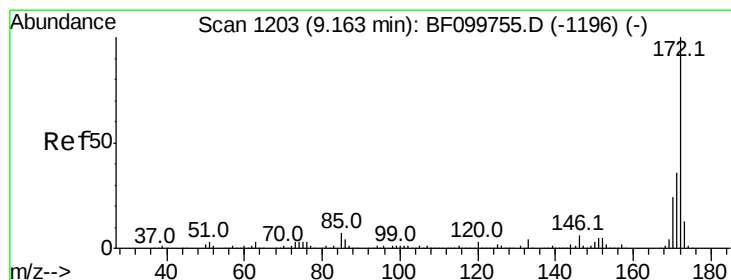
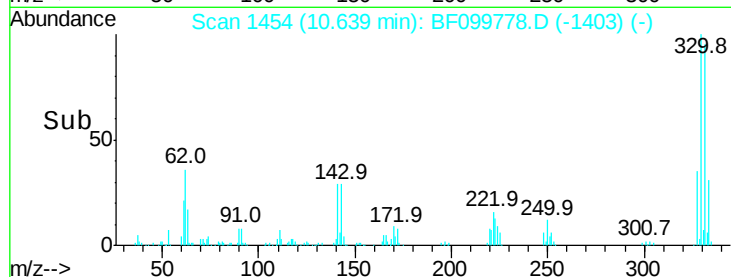
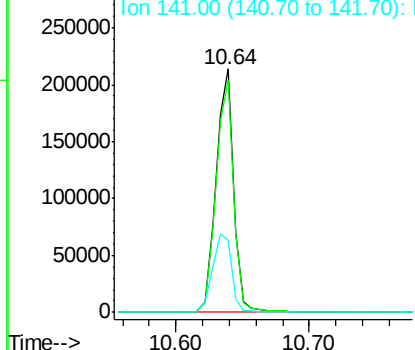
#41
 2,4,6-Tribromophenol
 Concen: 106.520 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099778.D
 Acq: 24 Oct 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT111

Tot Ion:330 Resp: 199404
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 34.9 29.9 44.9

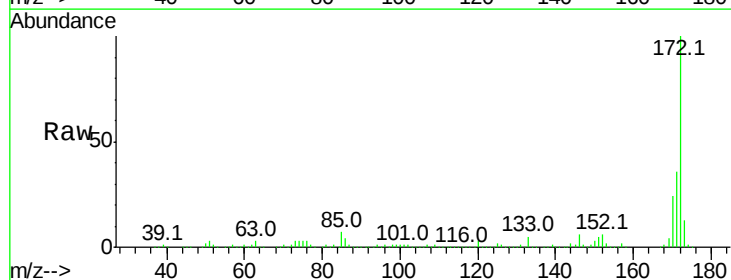


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

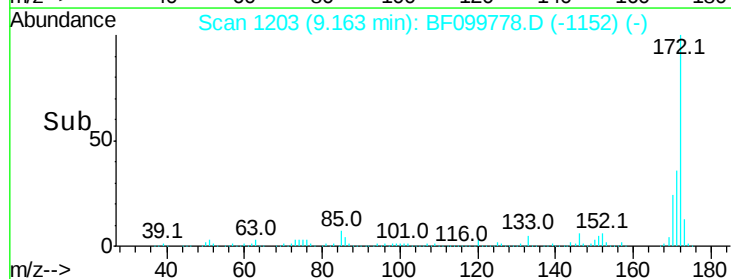
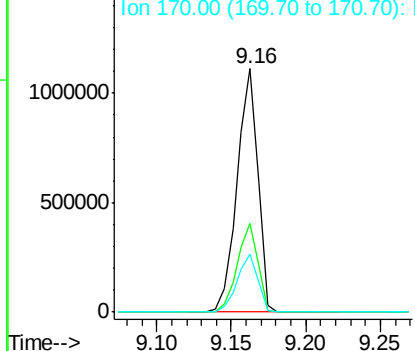


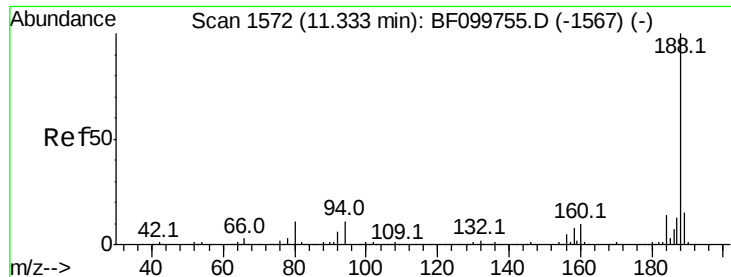
#44
 2-Fluorobiphenyl
 Concen: 81.544 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099778.D
 Acq: 24 Oct 2017 00:09

Tgt Ion:172 Resp: 1085687
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

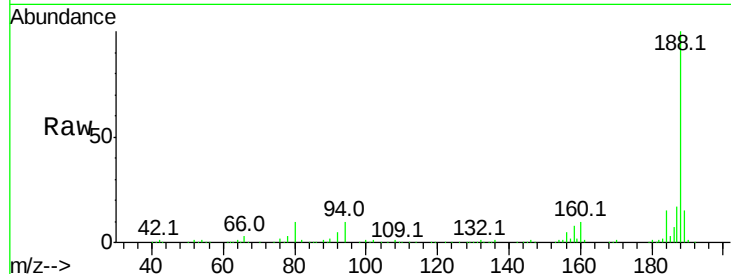




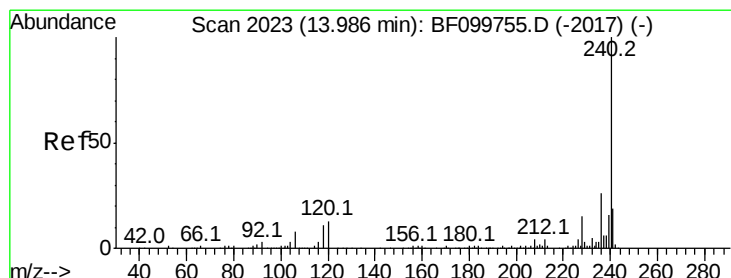
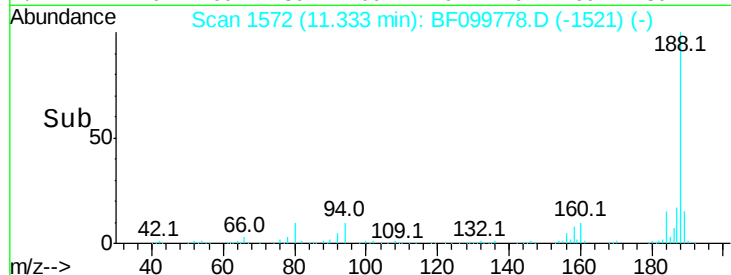
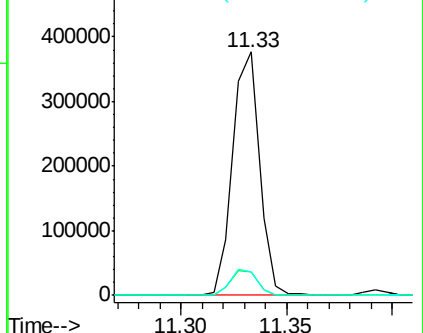
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099778.D
Acq: 24 Oct 2017 00:09

Instrument :
BNA_F
ClientSampleId :
RAV-GT111

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.8	9.2	13.8

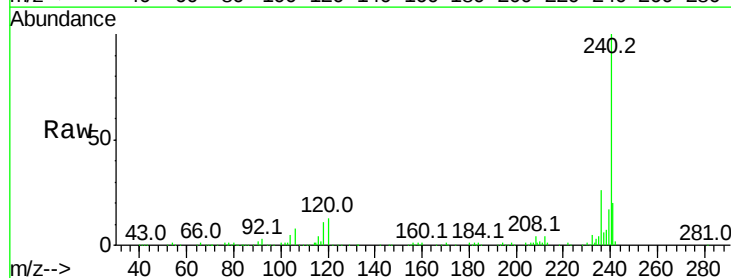


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

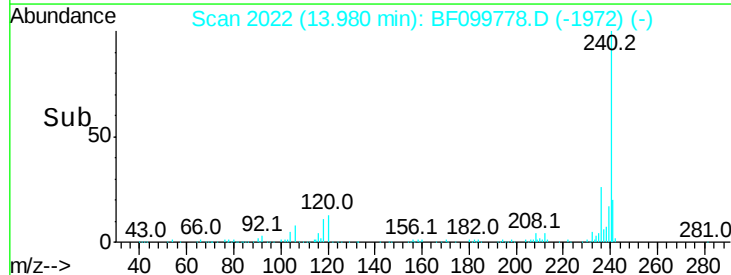
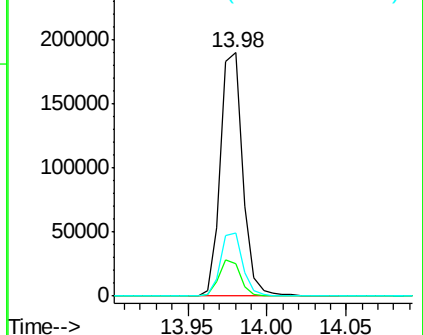


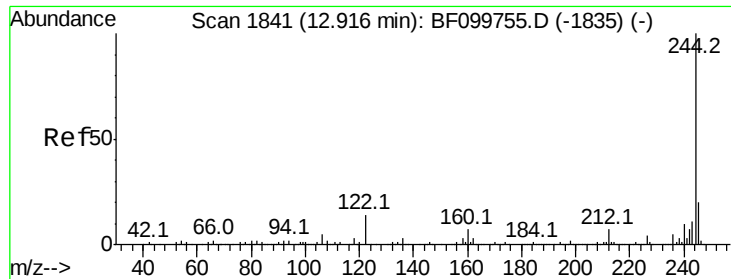
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099778.D
Acq: 24 Oct 2017 00:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.8	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

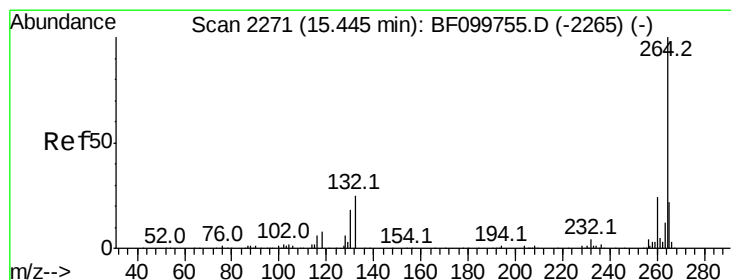
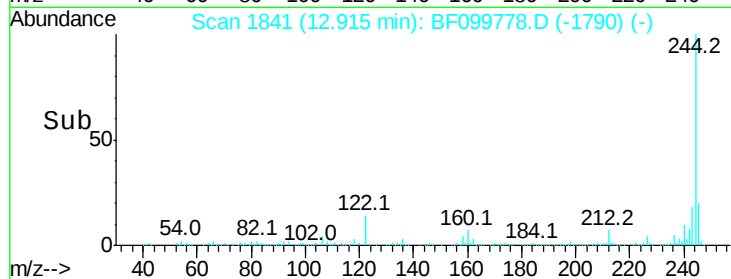
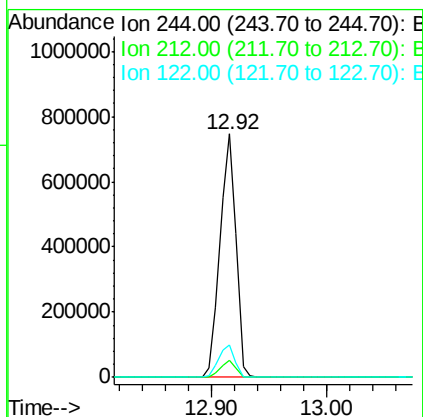
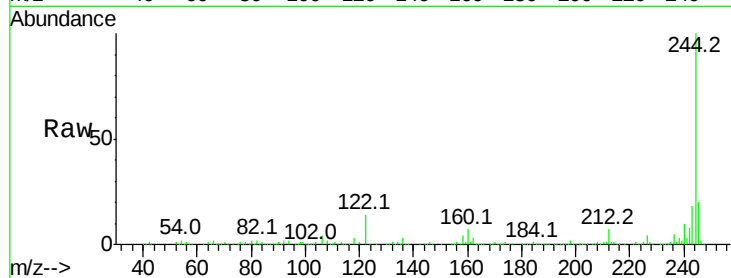




#78
 Terphenyl-d14
 Concen: 84.697 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099778.D
 Acq: 24 Oct 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT111

Tot Ion:244 Resp: 717228
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.6 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: BF099778.D
 Acq: 24 Oct 2017 00:09

Tgt Ion:264 Resp: 201401
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 22.0 17.5 26.3

