

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099777.D
 Acq On : 23 Oct 2017 23:41
 Operator : SJ/JU
 Sample : I6037-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT113

Quant Time: Oct 24 00:38:04 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

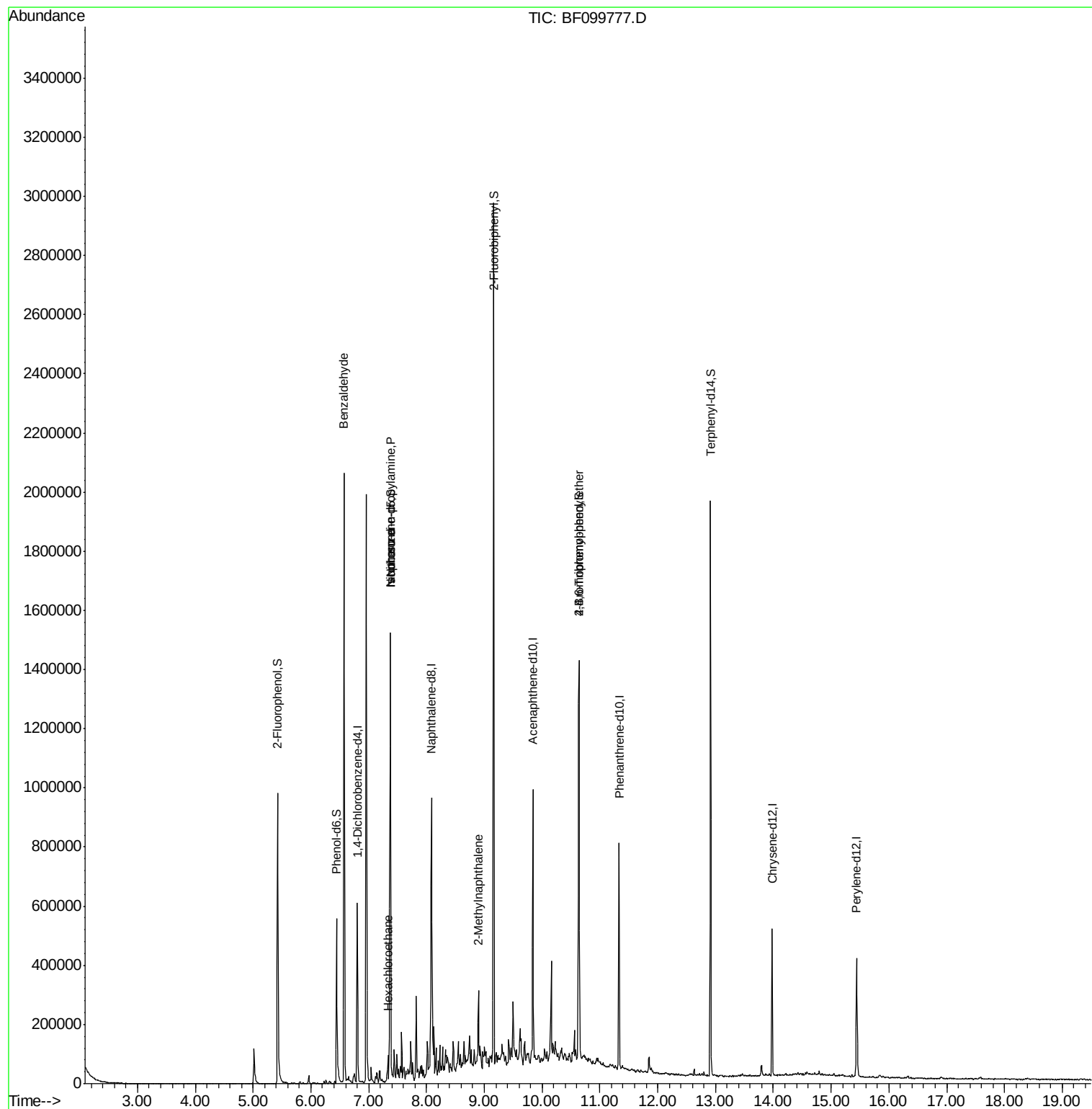
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98189	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	403306	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	181277	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	273845	20.00	ng	0.00
75) Chrysene-d12	13.98	240	162072	20.00	ng	0.00
86) Perylene-d12	15.44	264	176025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	337064	53.89	ng	0.00
7) Phenol-d6	6.45	99	252239	34.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	499235	79.69	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	168054	101.73	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	990193	84.27	ng	0.00
78) Terphenyl-d14	12.92	244	601423	81.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	11202	2.53	ng	Qvalue 87
18) Hexachloroethane	7.33	117	15656	6.18	ng	# 32
19) n-Nitroso-di-n-propylamine	7.37	70	63162	14.53	ng	# 71
25) Isophorone	7.37	82	499235	43.92	ng	# 64
37) 2-Methylnaphthalene	8.90	142	55004	4.22	ng	97
66) 4-Bromophenyl-phenylether	10.64	248	11146	3.87	ng	# 1

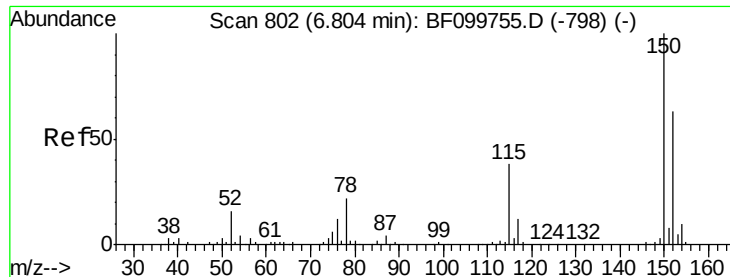
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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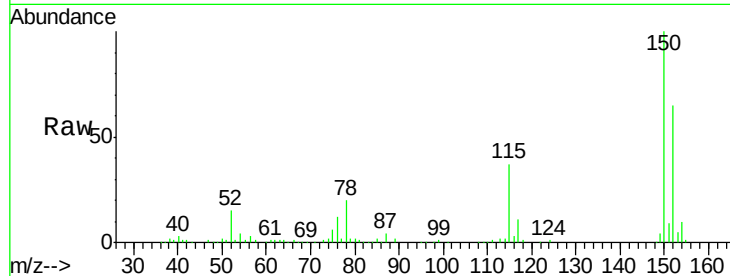


#1

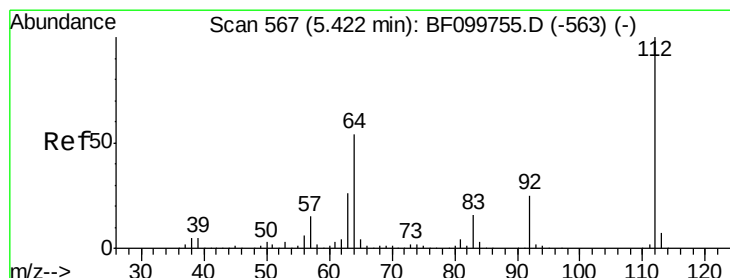
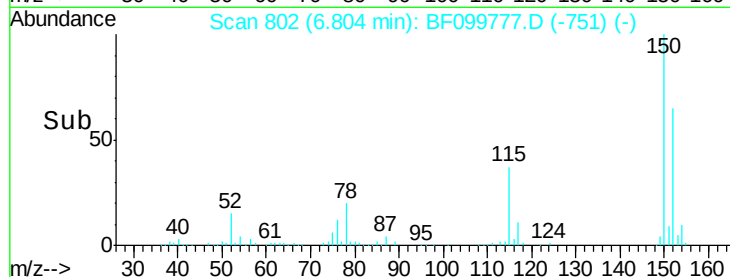
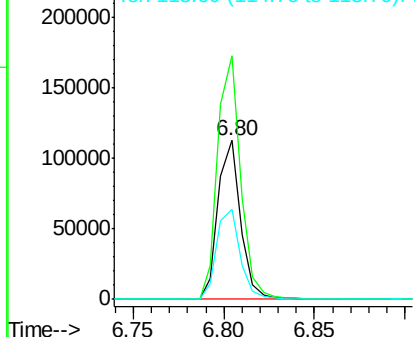
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :
RAV-GT113

Tot Ion:152 Resp: 98189
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 56.7 50.1 75.1



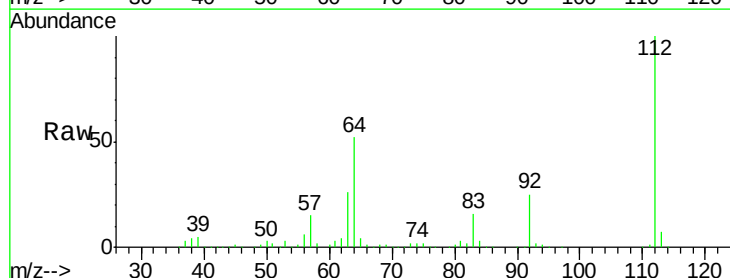
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



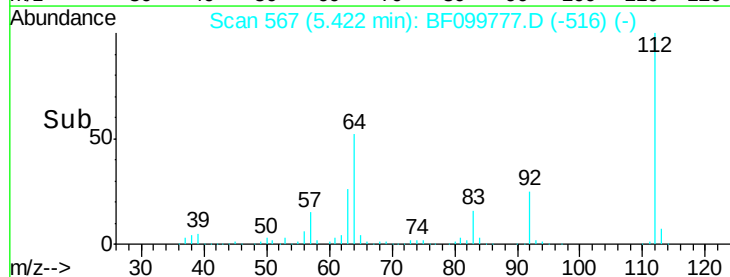
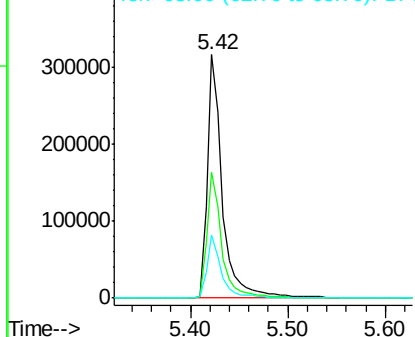
#5

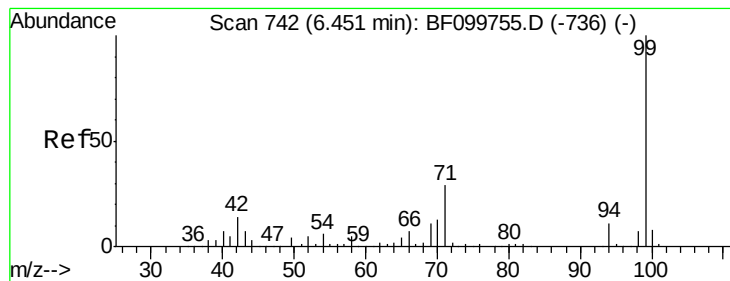
2-Fluorophenol
Concen: 53.89 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Tgt Ion:112 Resp: 337064
Ion Ratio Lower Upper
112 100
64 51.8 47.9 71.9
63 26.0 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: 34.01 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099777.D

Acq: 23 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

RAV-GT113

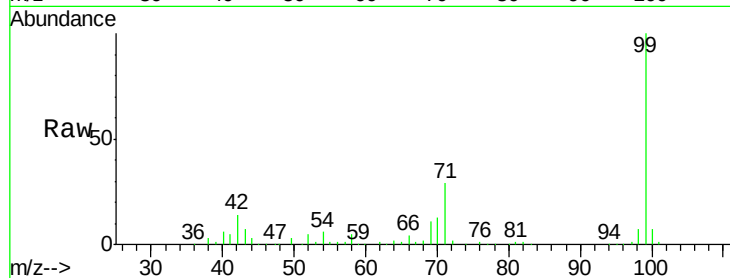
Tot Ion: 99 Resp: 252239

Ion Ratio Lower Upper

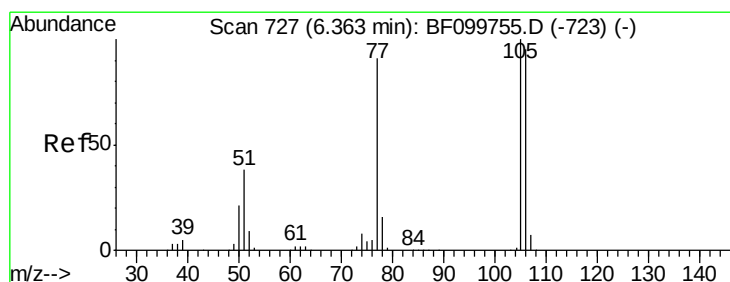
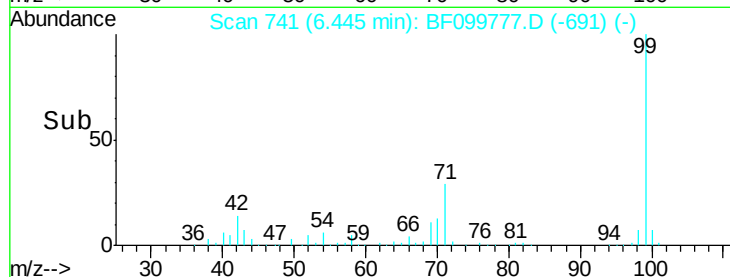
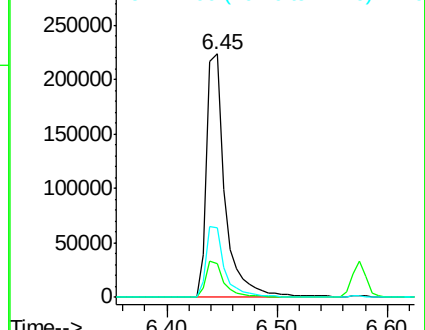
99 100

42 13.7 14.5 21.7#

71 28.6 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



#9

Benzaldehyde

Concen: 2.53 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.21 min

Lab File: BF099777.D

Acq: 23 Oct 2017 23:41

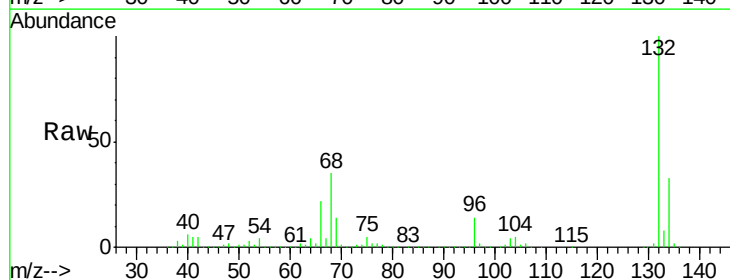
Tgt Ion: 77 Resp: 11202

Ion Ratio Lower Upper

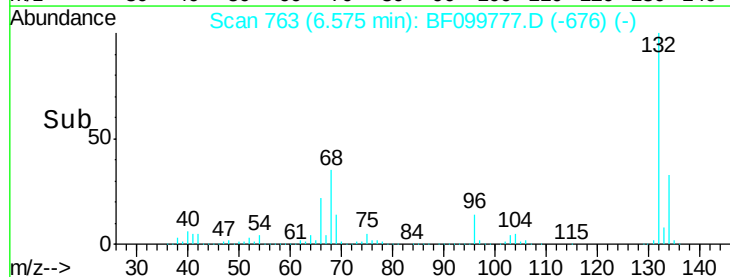
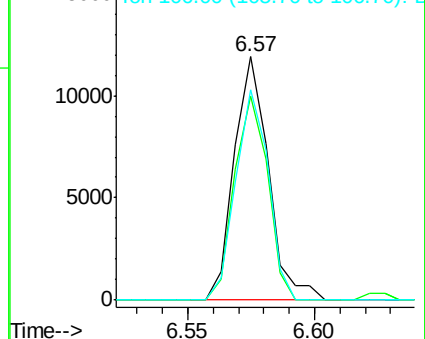
77 100

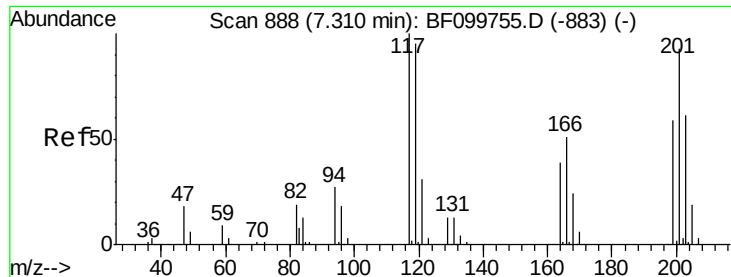
105 83.6 81.1 121.1

106 86.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

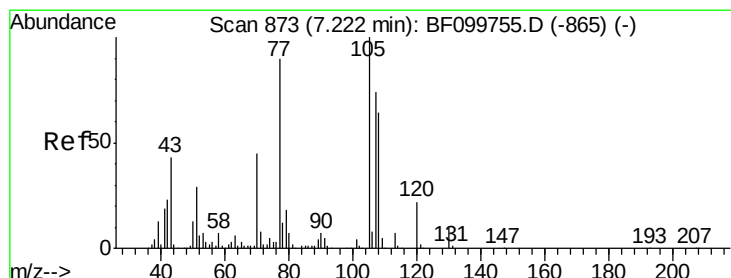
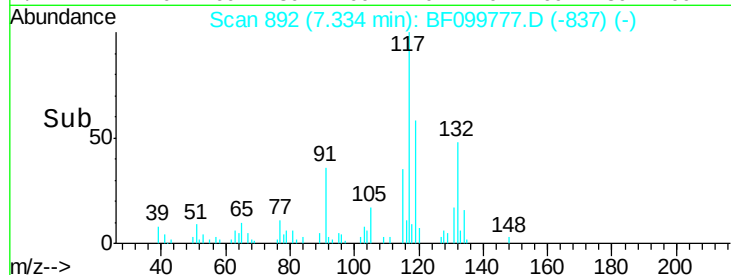
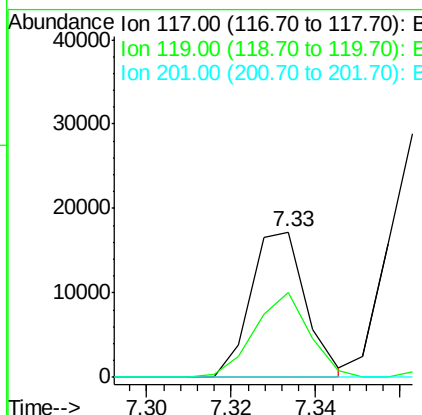
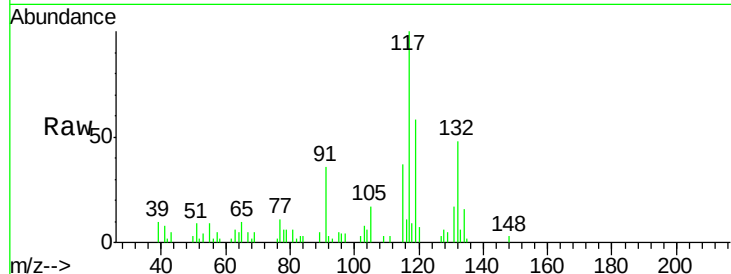




#18
Hexachloroethane
Concen: 6.18 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.02 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

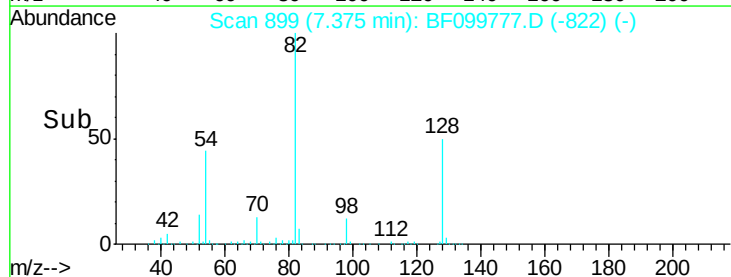
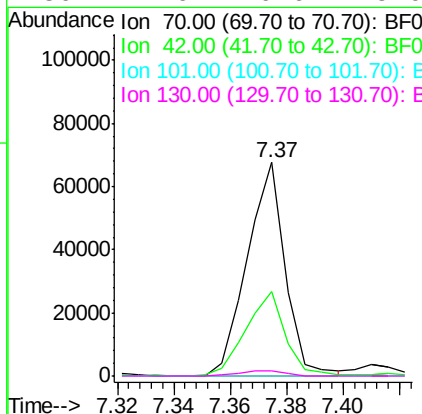
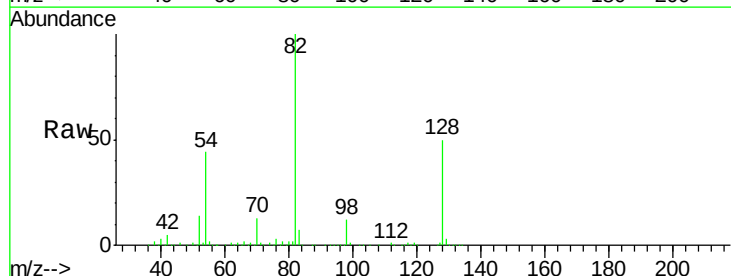
Instrument :
BNA_F
ClientSampleId :
RAV-GT113

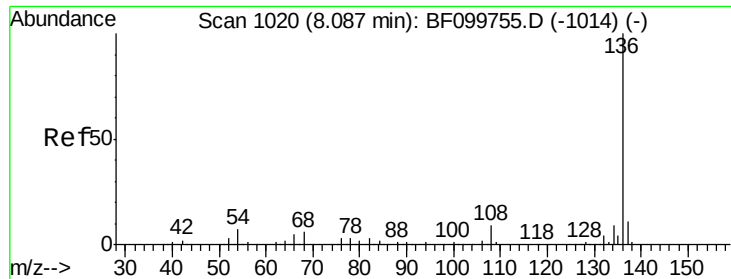
Tot Ion:117 Resp: 15656
Ion Ratio Lower Upper
117 100
119 58.1 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.53 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Tgt Ion: 70 Resp: 63162
Ion Ratio Lower Upper
70 100
42 39.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#

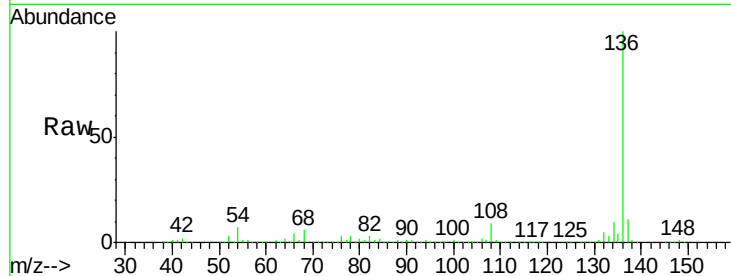




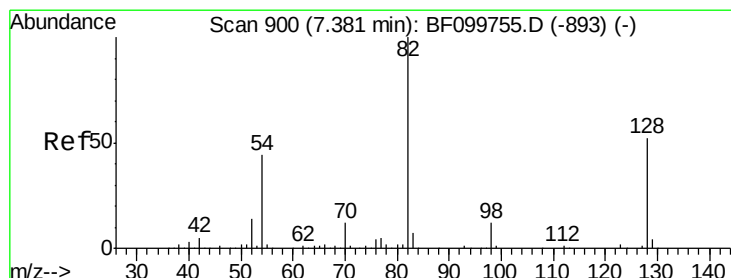
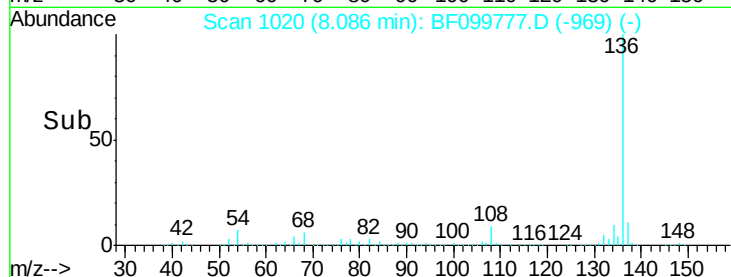
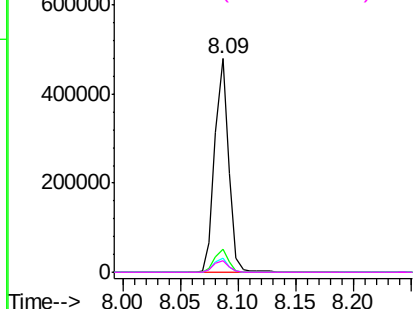
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :
RAV-GT113

Tot Ion:136	Resp:	403306
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	6.6	6.6 9.8
68	5.5	5.0 7.4

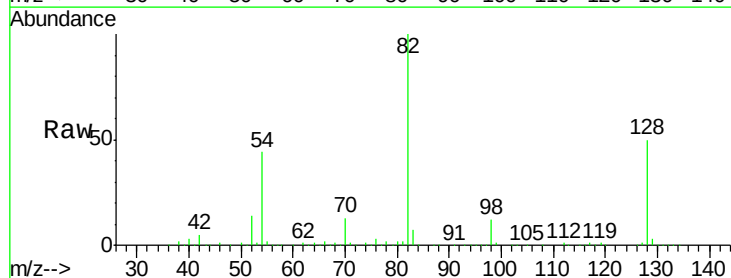


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

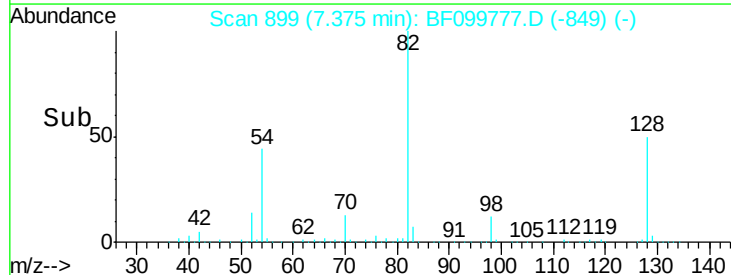
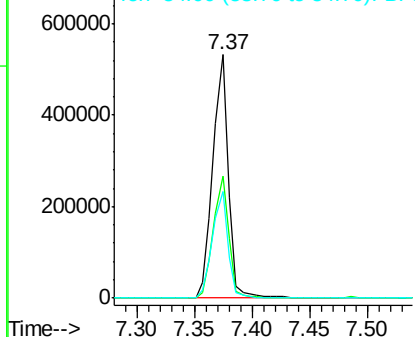


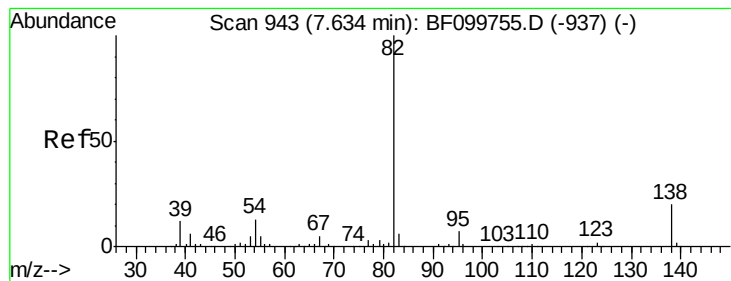
#23
Nitrobenzene-d5
Concen: 79.69 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Tgt Ion: 82	Resp:	499235
Ion	Ratio	Lower Upper
82	100	
128	50.3	36.1 54.1
54	43.7	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





#25

Isophorone

Concen: 43.92 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF099777.D

Acq: 23 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

RAV-GT113

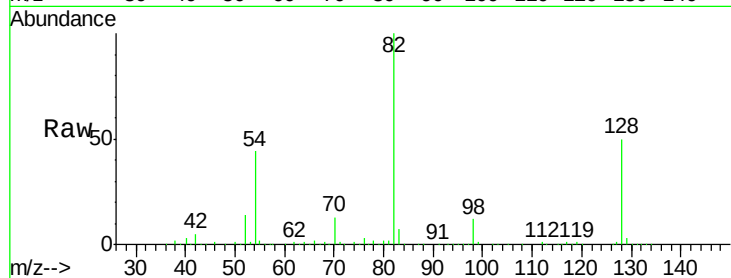
Tot Ion: 82 Resp: 499235

Ion Ratio Lower Upper

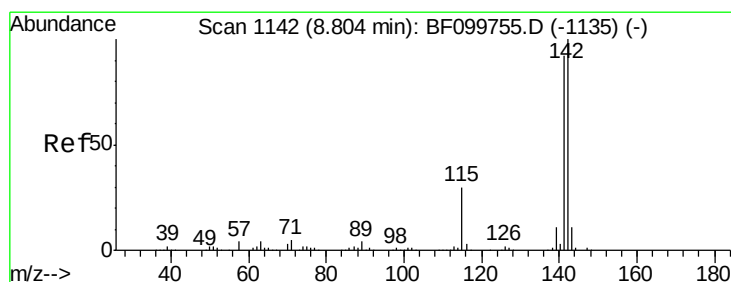
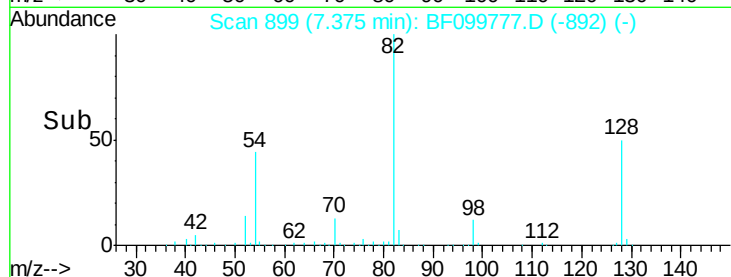
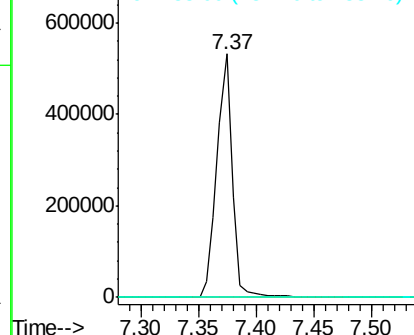
82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#37

2-Methylnaphthalene

Concen: 4.22 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.09 min

Lab File: BF099777.D

Acq: 23 Oct 2017 23:41

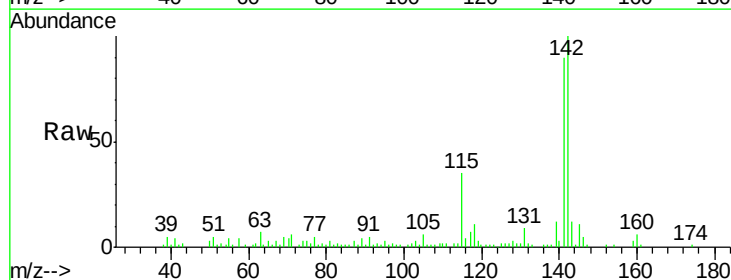
Tgt Ion: 142 Resp: 55004

Ion Ratio Lower Upper

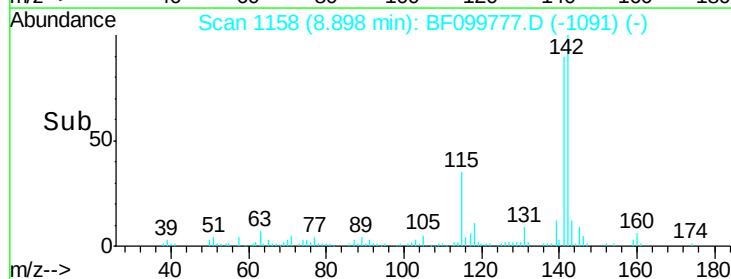
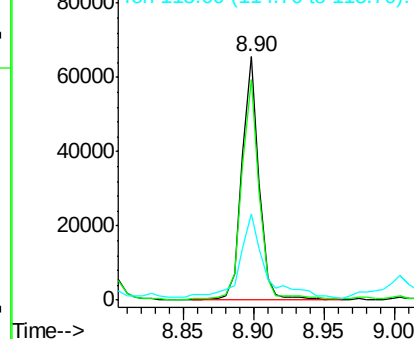
142 100

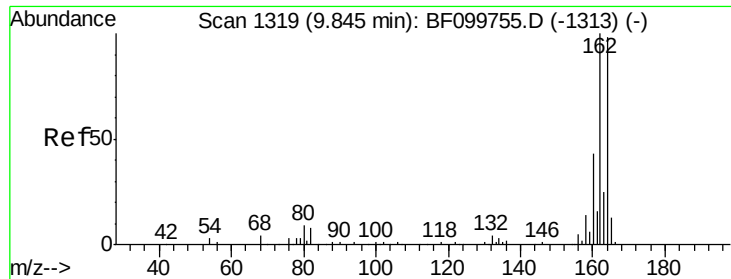
141 90.5 70.8 106.2

115 35.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

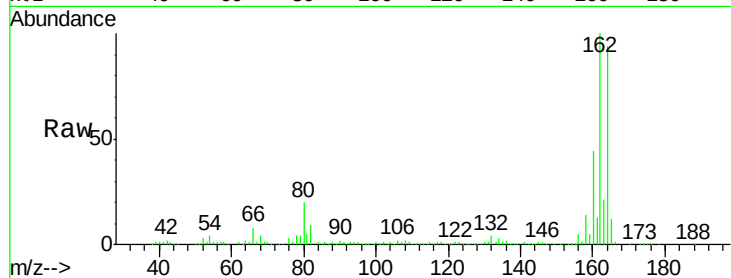




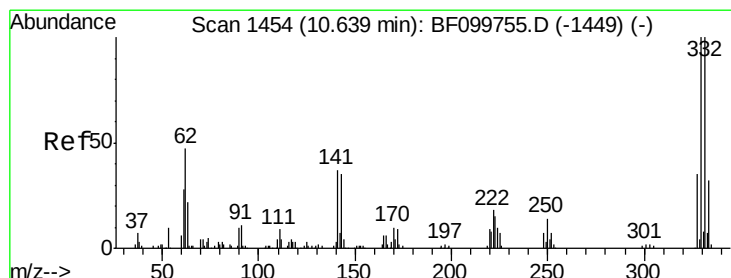
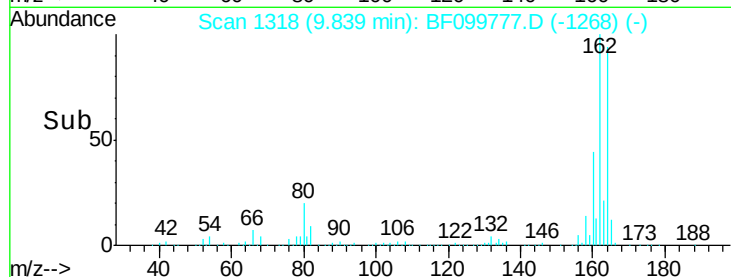
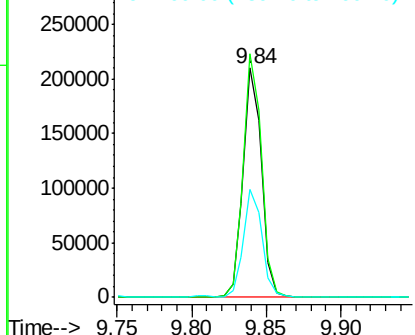
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :
RAV-GT113

Tot Ion:164 Resp: 181277
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 46.9 38.3 57.5

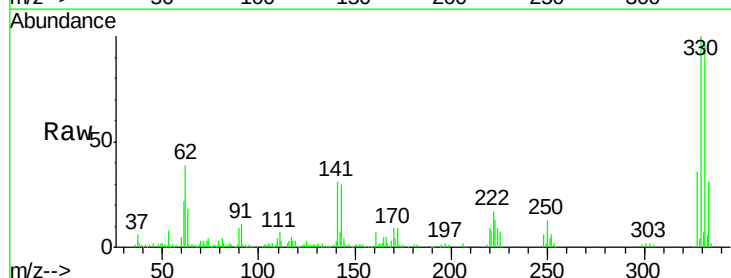


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

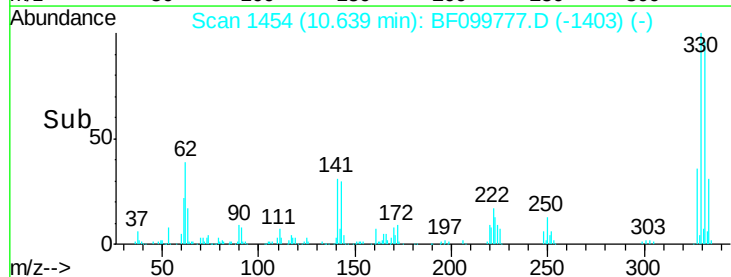
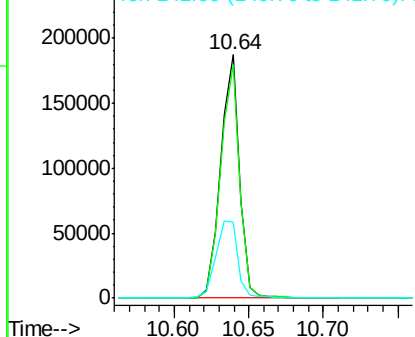


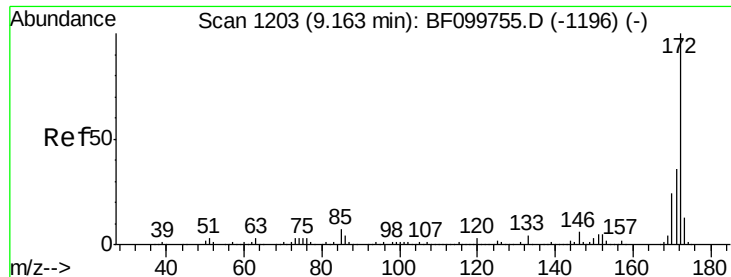
#41
2,4,6-Tribromophenol
Concen: 101.73 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Tgt Ion:330 Resp: 168054
Ion Ratio Lower Upper
330 100
332 96.6 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

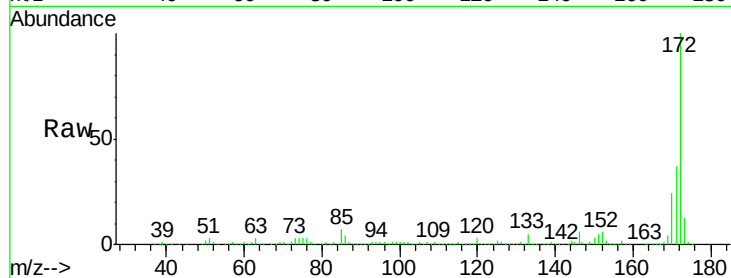




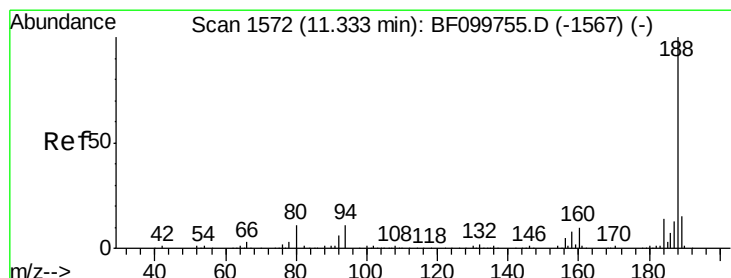
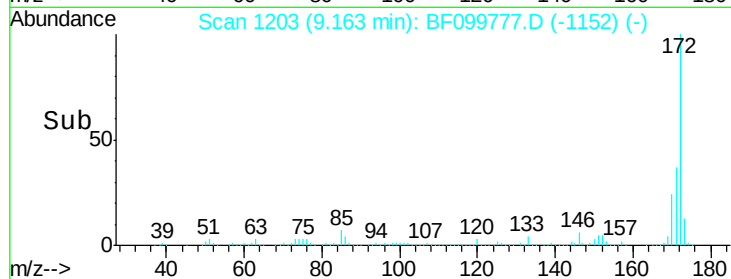
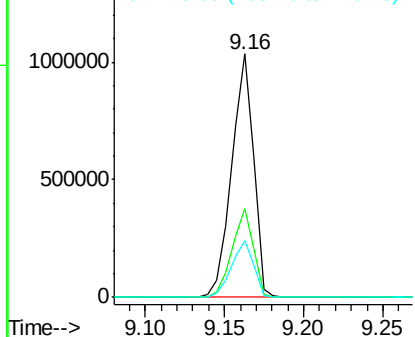
#44
 2-Fluorobiphenyl
 Concen: 84.27 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099777.D
 Acq: 23 Oct 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT113

Tot Ion:172 Resp: 990193
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.5 19.6 29.4

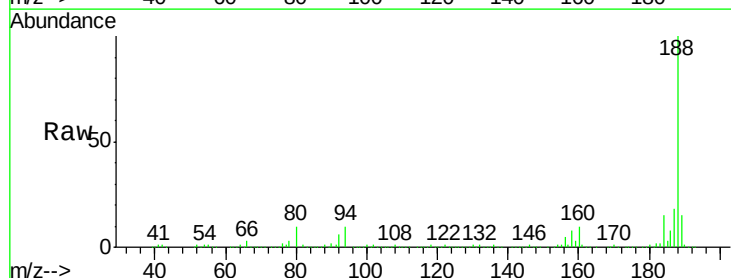


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

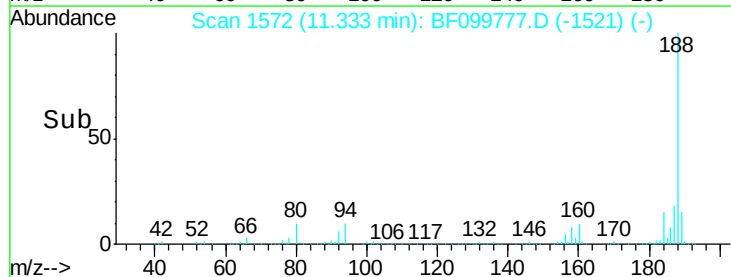
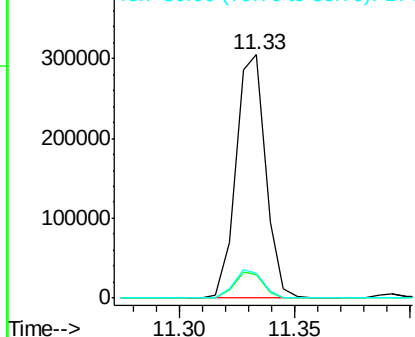


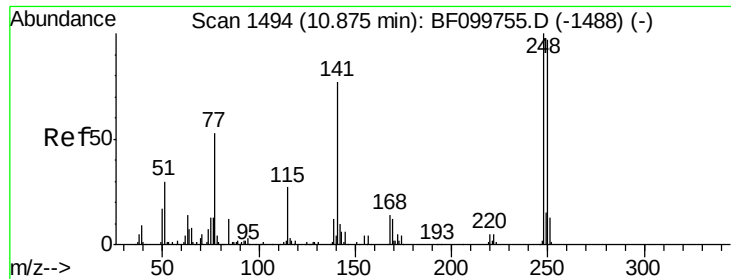
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF099777.D
 Acq: 23 Oct 2017 23:41

Tgt Ion:188 Resp: 273845
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.2 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

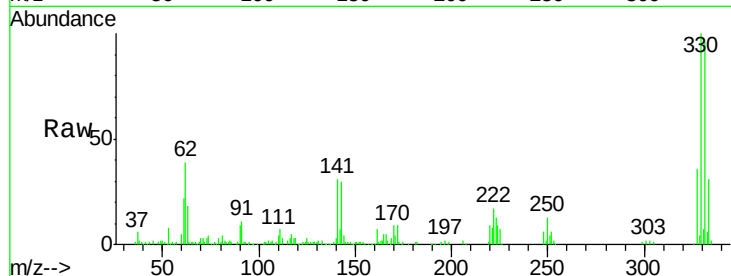




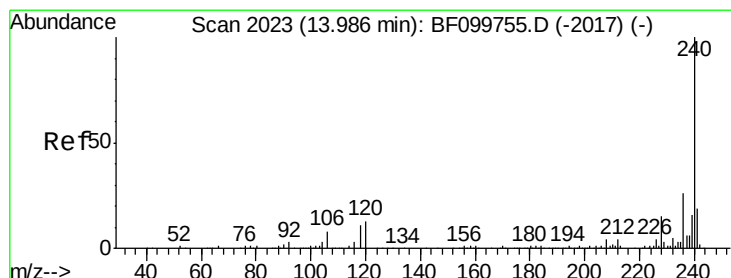
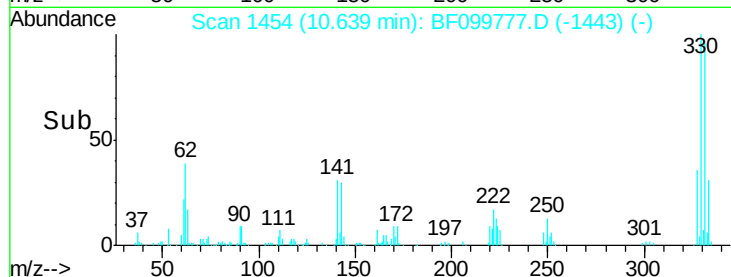
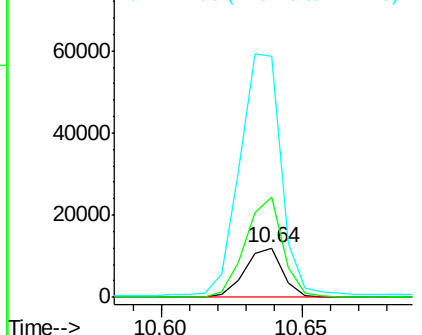
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :
RAV-GT113

Tot Ion:248 Resp: 11146
Ion Ratio Lower Upper
248 100
250 202.9 76.9 115.3#
141 489.2 74.4 111.6#

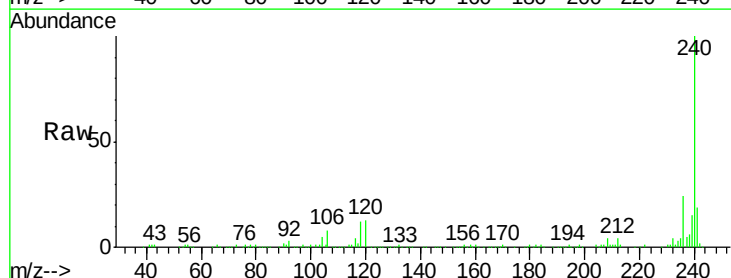


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

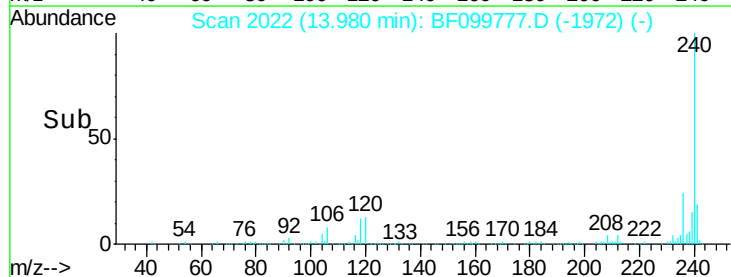
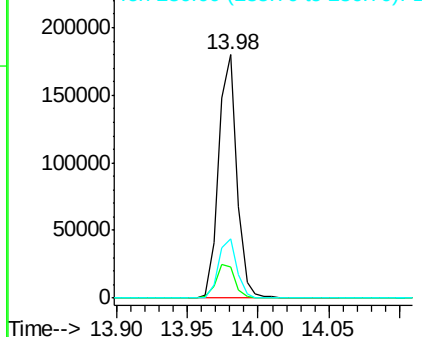


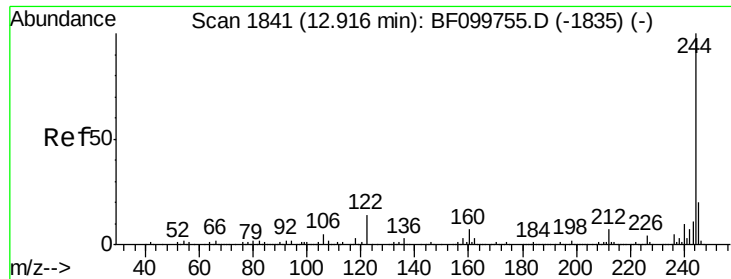
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Tgt Ion:240 Resp: 162072
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 24.4 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

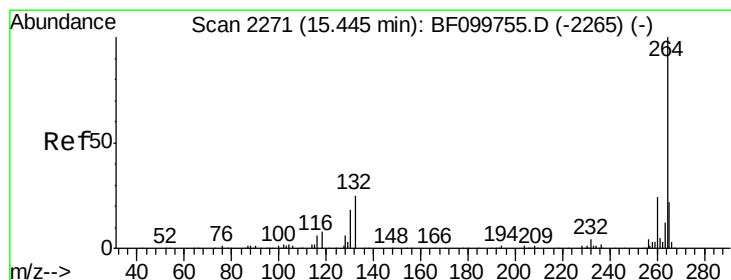
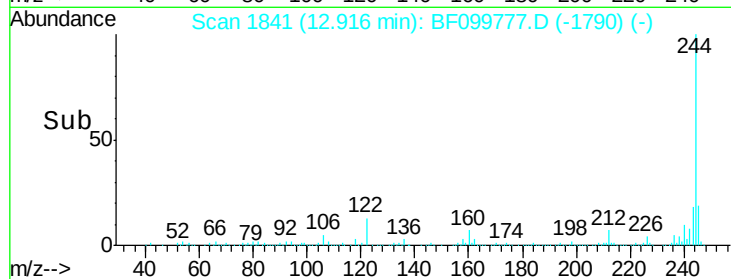
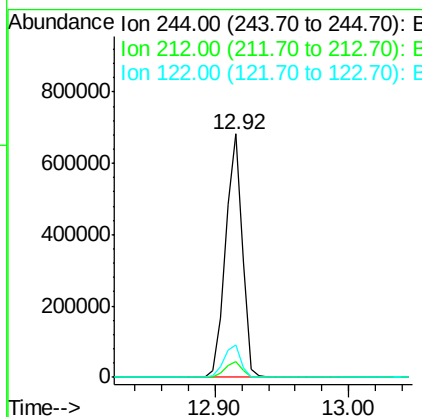
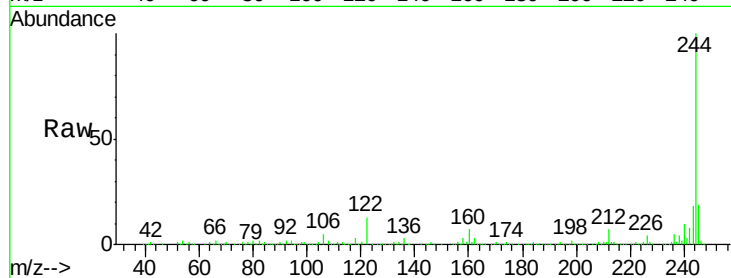




#78
 Terphenyl-d14
 Concen: 81.10 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099777.D
 Acq: 23 Oct 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT113

Tot Ion:244 Resp: 601423
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099777.D
 Acq: 23 Oct 2017 23:41

Tgt Ion:264 Resp: 176025
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.4 17.5 26.3

