

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117769.D
 Acq On : 12 Nov 2019 19:37
 Operator : JU
 Sample : K5760-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-30

Quant Time: Nov 13 01:15:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

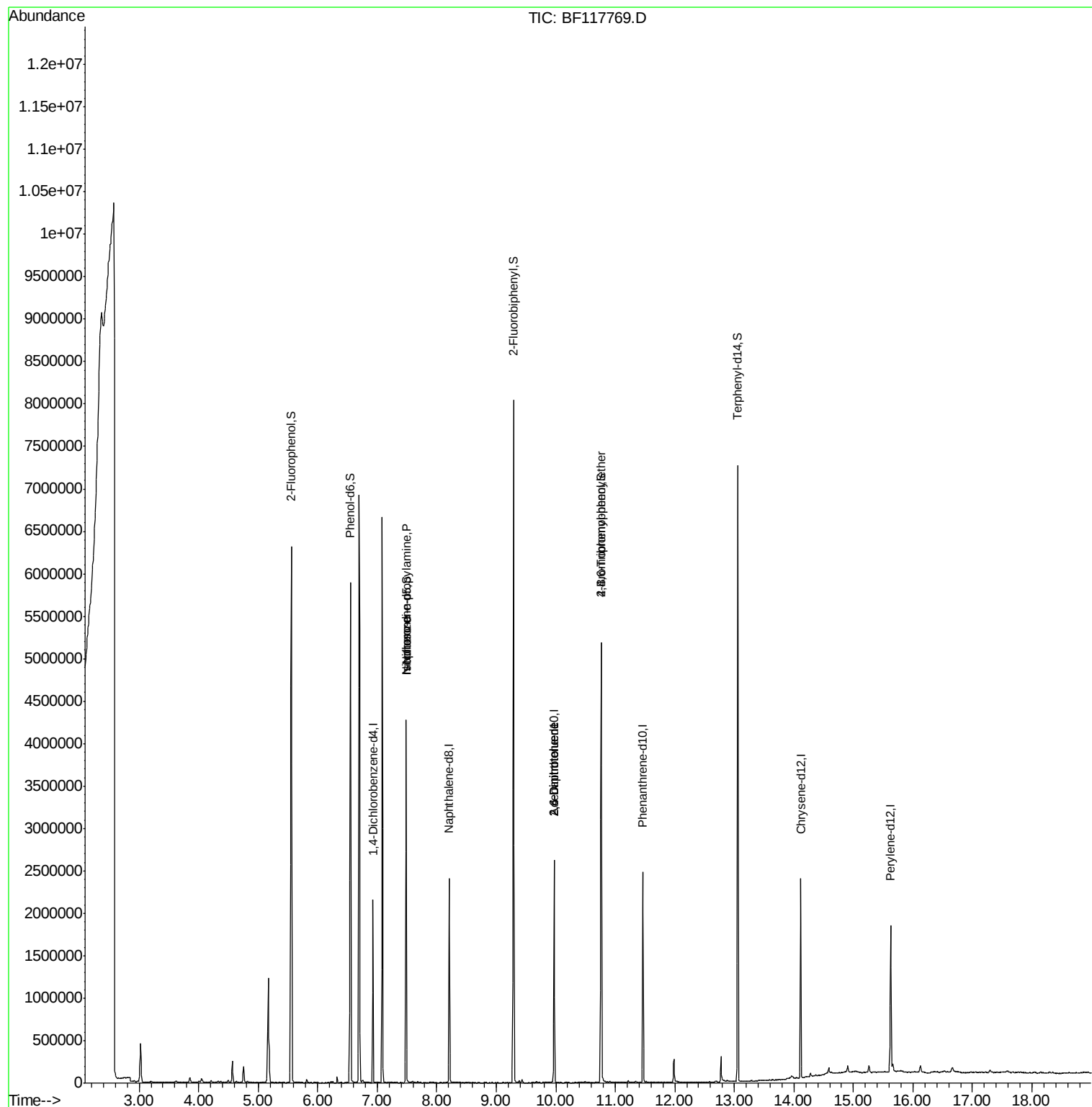
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	282302	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1069202	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	535058	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	914340	20.00	ng	0.00
76) Chrysene-d12	14.12	240	729937	20.00	ng	0.00
87) Perylene-d12	15.63	264	805228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1885227	120.88	ng	0.02
7) Phenol-d6	6.55	99	2262202	117.64	ng	0.00
23) Nitrobenzene-d5	7.49	82	1477069	81.56	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	652810	124.72	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2641167	97.39	ng	0.00
79) Terphenyl-d14	13.06	244	2687134	75.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	205445	16.249	ng	# 77
25) Isophorone	7.49	82	1477057	42.643	ng	# 63
51) 2,6-Dinitrotoluene	9.97	165	69415	8.570	ng	# 31
57) 2,4-Dinitrotoluene	9.97	165	69415	6.681	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	42875	4.294	ng	# 1

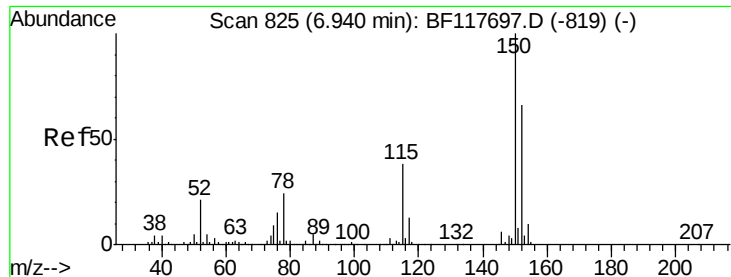
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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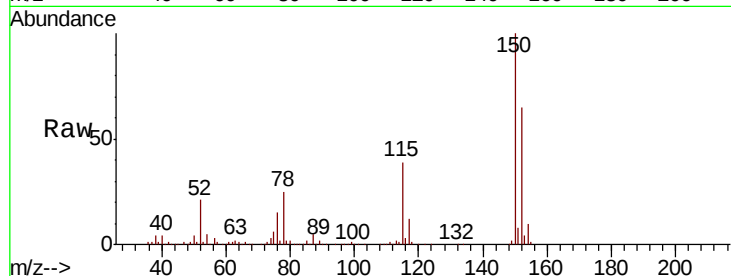


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

Instrument :
BNA_F
ClientSampleId :
RBR-30

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	190.0
115	59.8	47.6	71.4

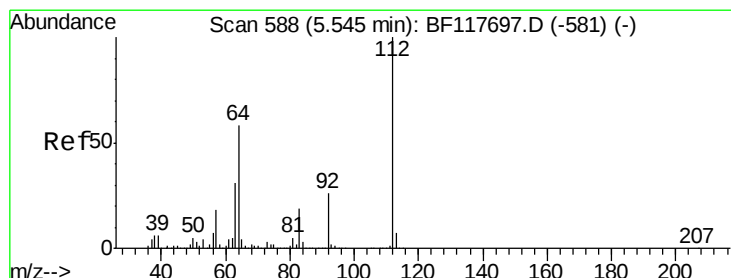
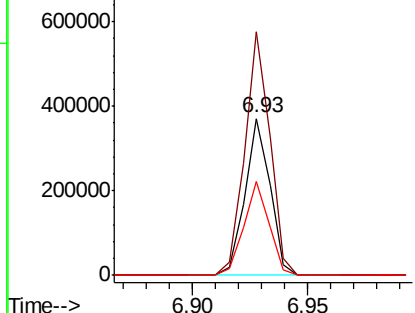
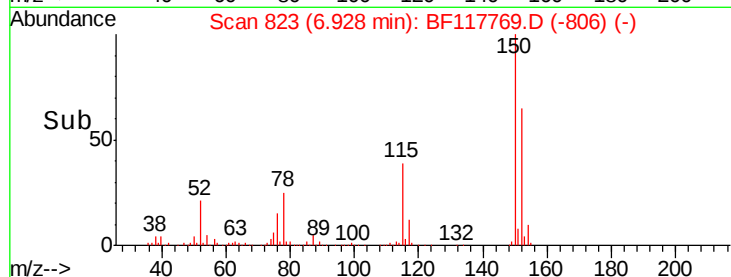


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

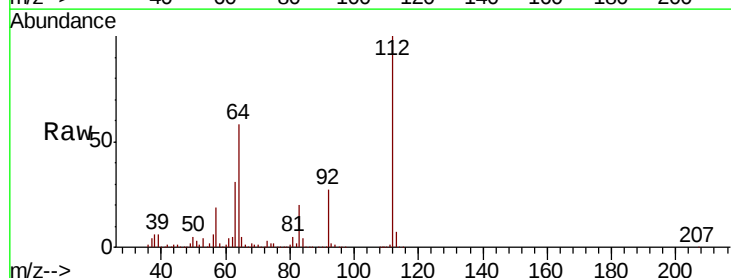
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.883 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	43.5	65.3
63	31.2	23.5	35.3

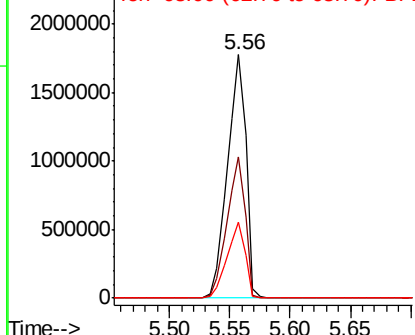
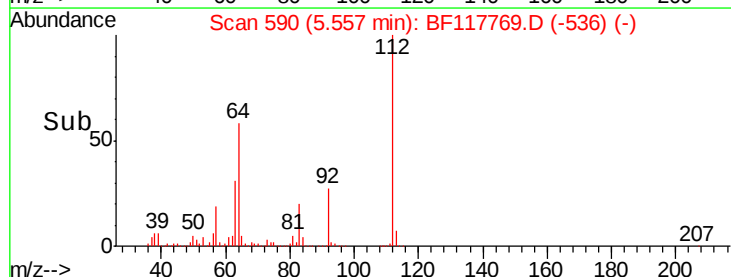


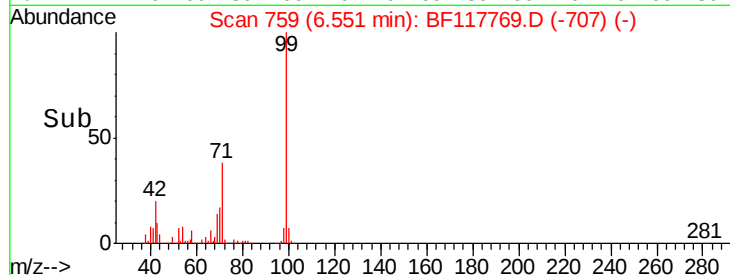
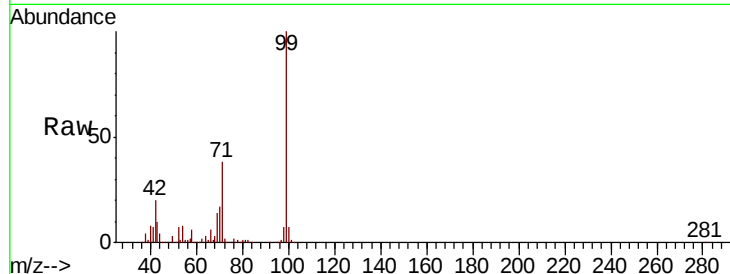
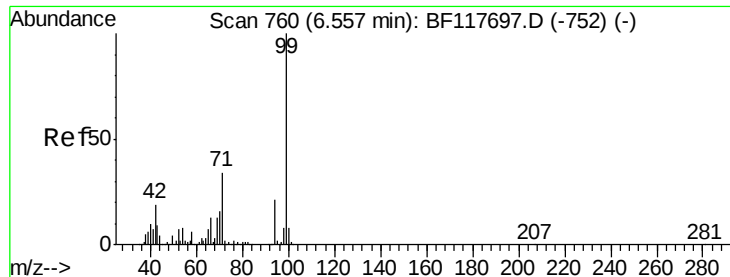
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

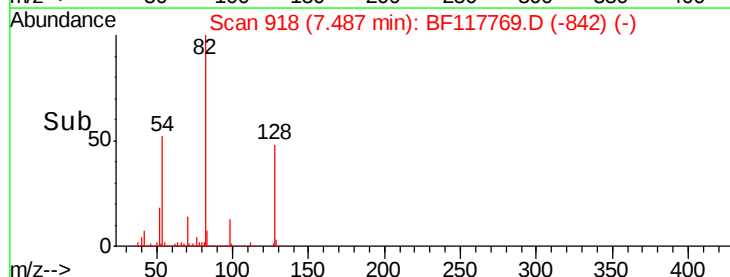
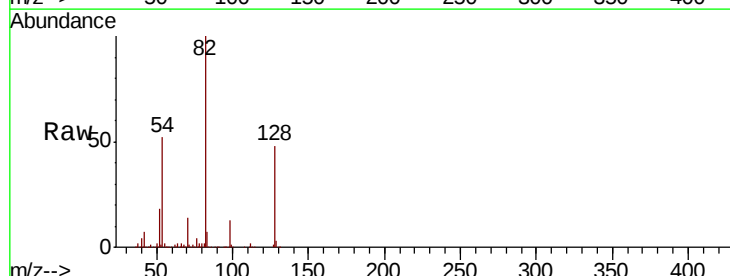
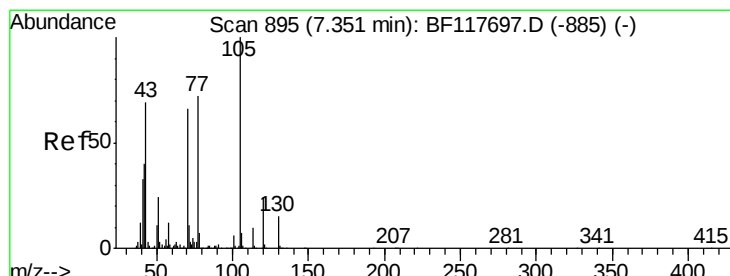
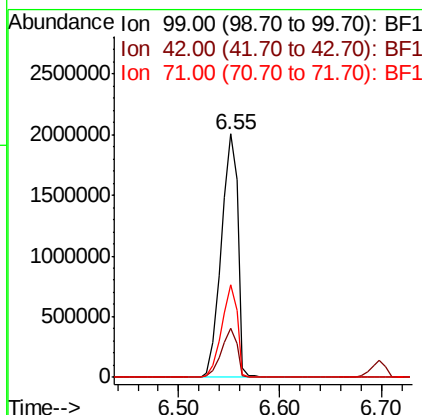




#7
Phenol-d6
Concen: 117.641 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

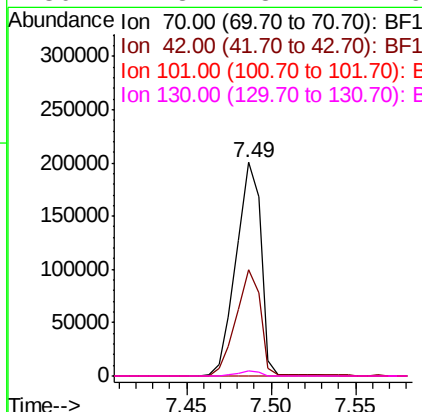
Instrument :
BNA_F
ClientSampled :
RBR-30

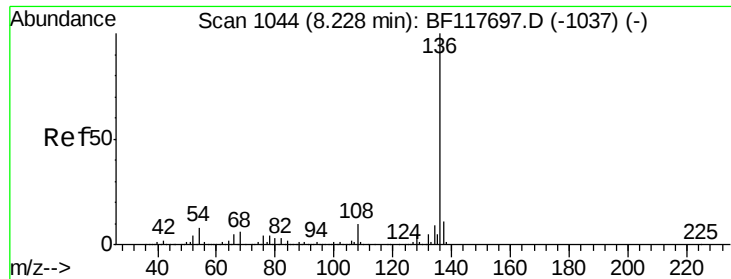
Tot Ion: 99 Resp: 2262202
Ion Ratio Lower Upper
99 100
42 20.2 15.3 22.9
71 37.9 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.249 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

Tgt Ion: 70 Resp: 205445
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 8.4 12.6#
130 2.3 18.4 27.6#



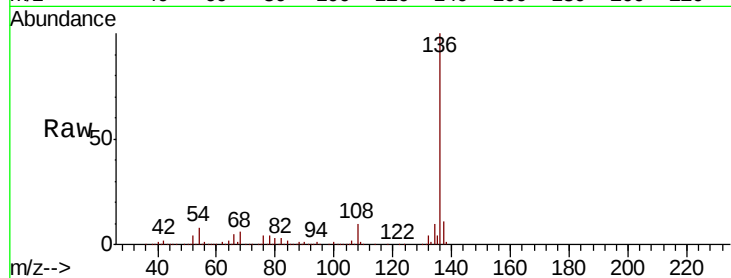


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

Instrument :
BNA_F
ClientSampleId :
RBR-30

Tot Ion:136 Resp: 1069202

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.9	6.1	9.1
68	6.0	4.6	7.0

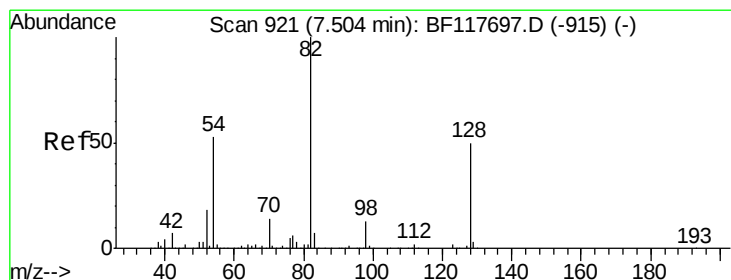
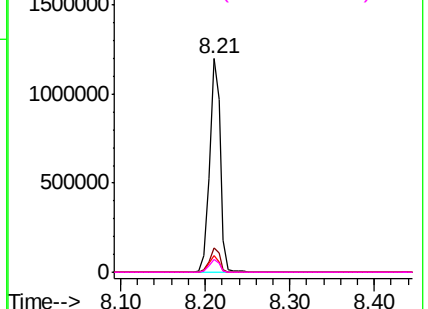
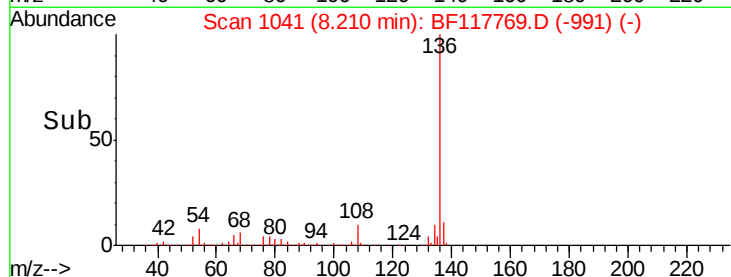


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

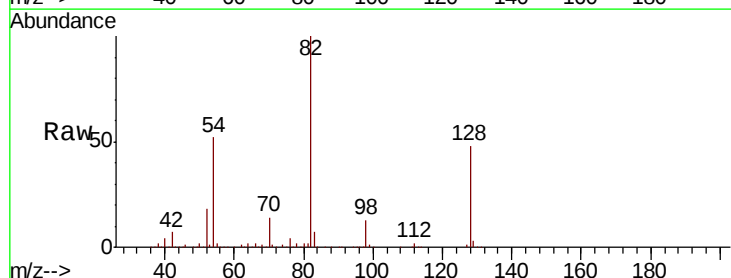
Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 81.561 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

Tgt Ion: 82 Resp: 1477069

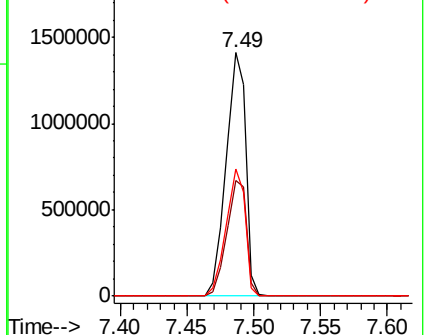
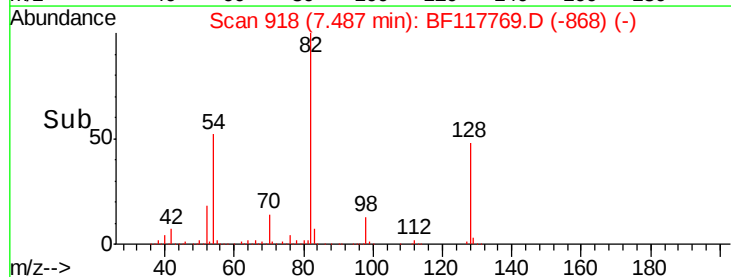
Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.7	58.1
54	52.4	41.4	62.2

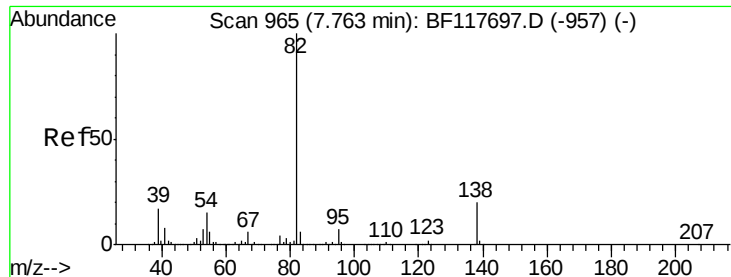


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.643 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.26 min

Lab File: BF117769.D

Acq: 12 Nov 2019 19:37

Instrument :

BNA_F

ClientSampleId :

RBR-30

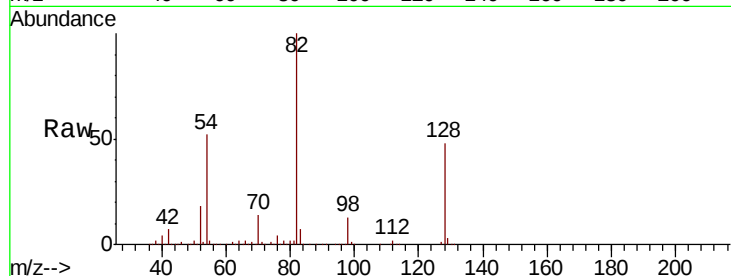
Tot Ion: 82 Resp: 1477057

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

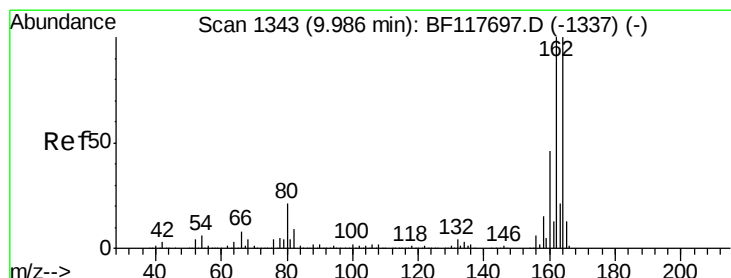
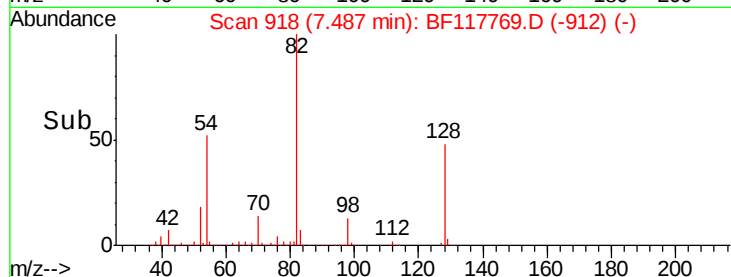
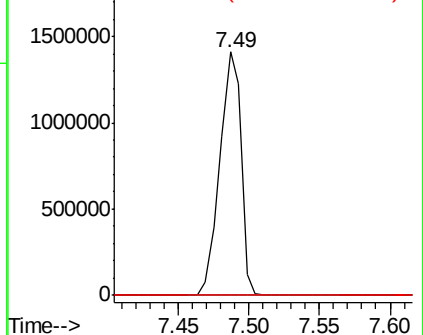
138 0.0 16.0 24.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF117769.D

Acq: 12 Nov 2019 19:37

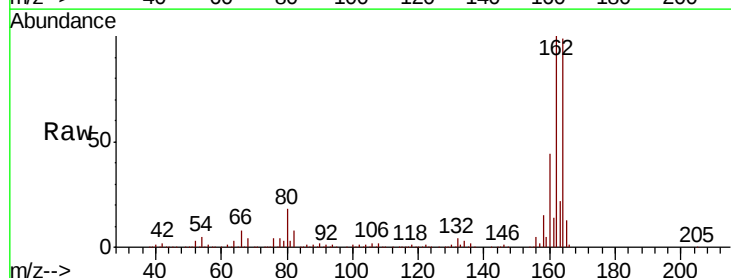
Tgt Ion:164 Resp: 535058

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

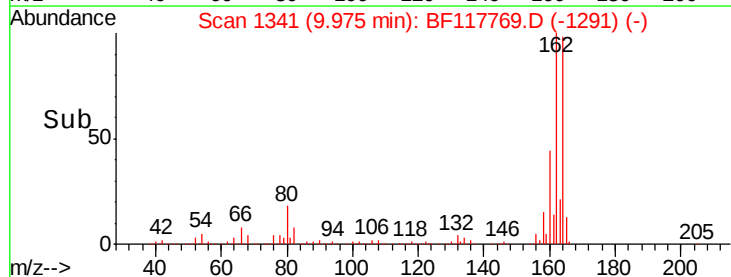
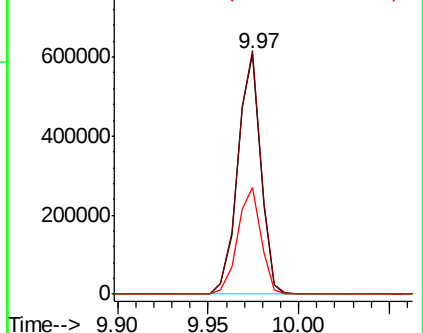
160 44.5 36.3 54.5

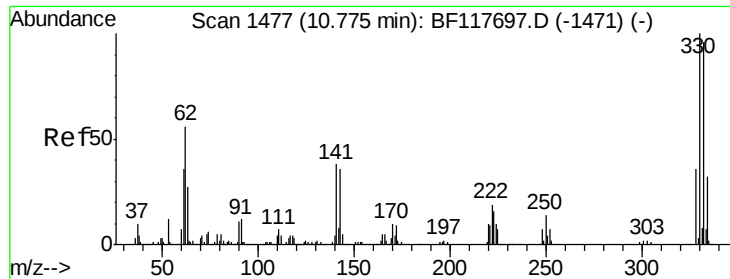


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

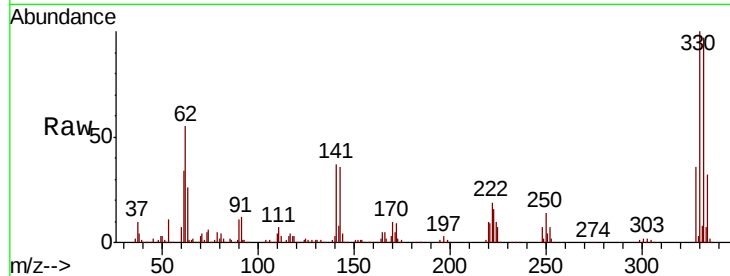




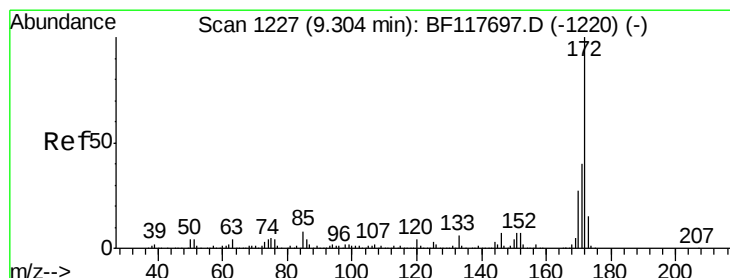
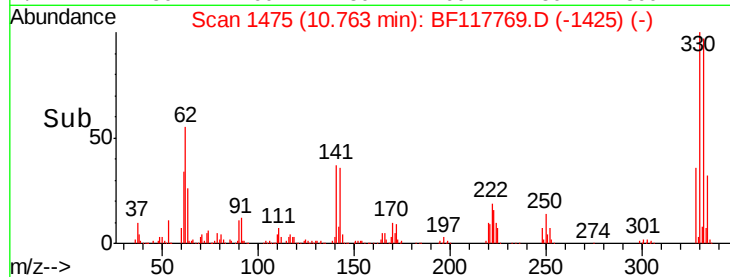
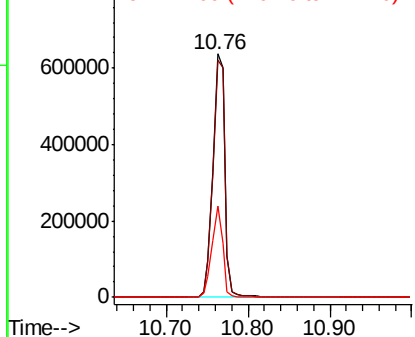
#42
 2,4,6-Tribromophenol
 Concen: 124.723 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF117769.D
 Acq: 12 Nov 2019 19:37

Instrument :
 BNA_F
 ClientSampleId :
 RBR-30

Tot Ion:330 Resp: 652810
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.9 115.3
 141 33.9 26.5 39.7

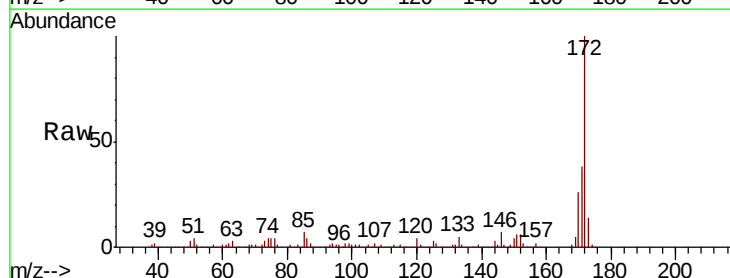


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

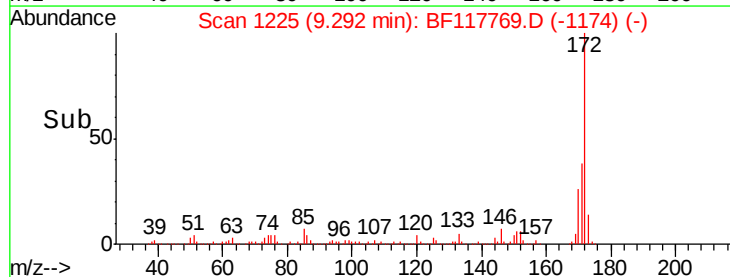
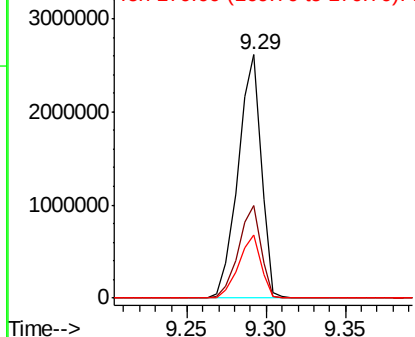


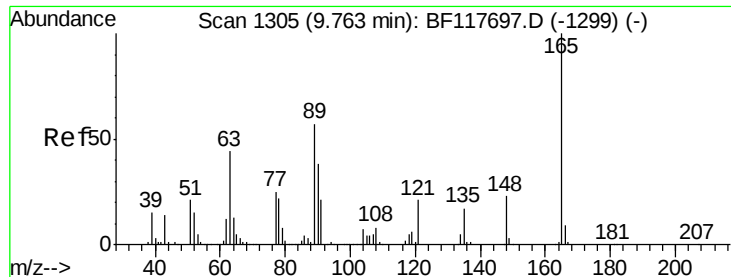
#45
 2-Fluorobiphenyl
 Concen: 97.392 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF117769.D
 Acq: 12 Nov 2019 19:37

Tgt Ion:172 Resp: 2641167
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.7 46.1
 170 25.7 20.6 30.8



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

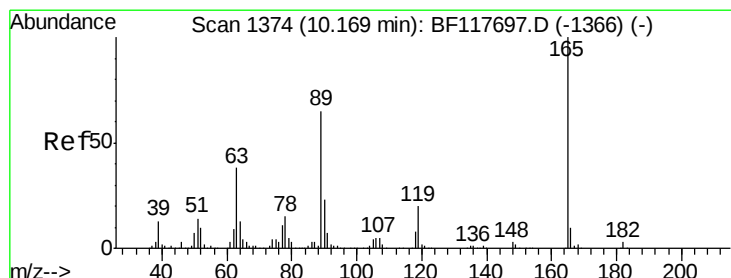
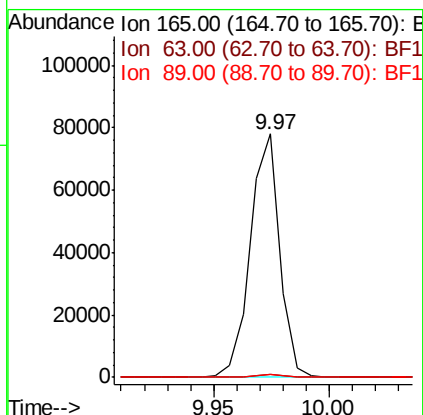
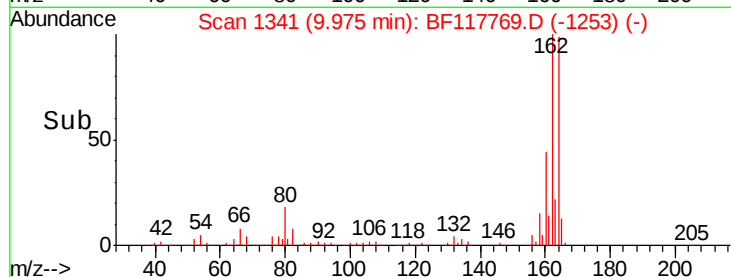
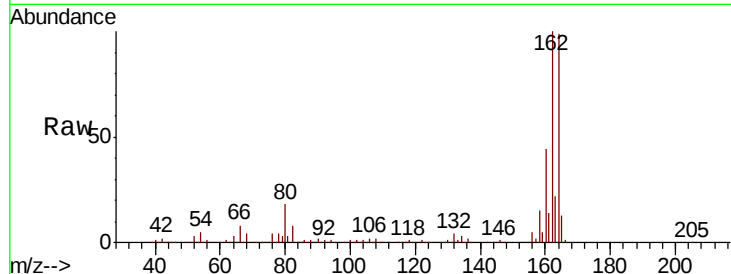




#51
 2,6-Dinitrotoluene
 Concen: 8.570 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.22 min
 Lab File: BF117769.D
 Acq: 12 Nov 2019 19:37

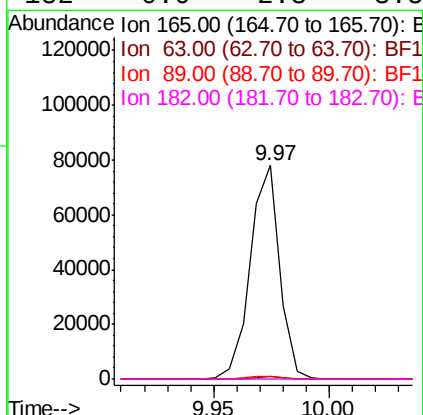
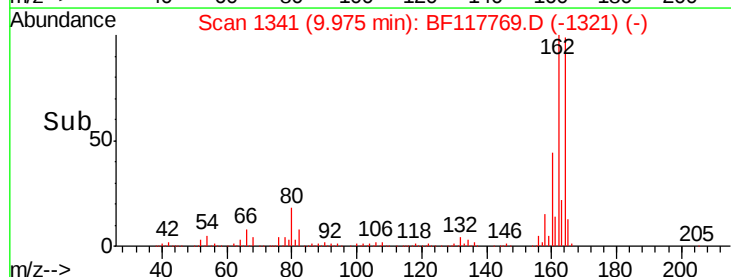
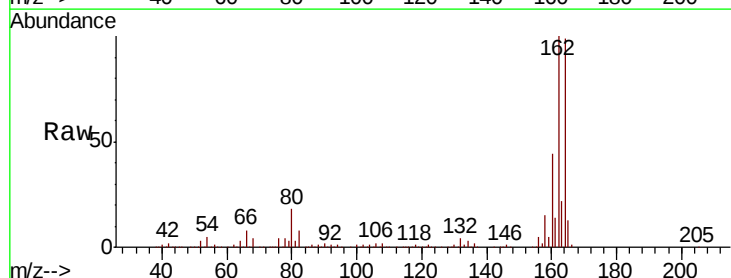
Instrument :
 BNA_F
 ClientSampled :
 RBR-30

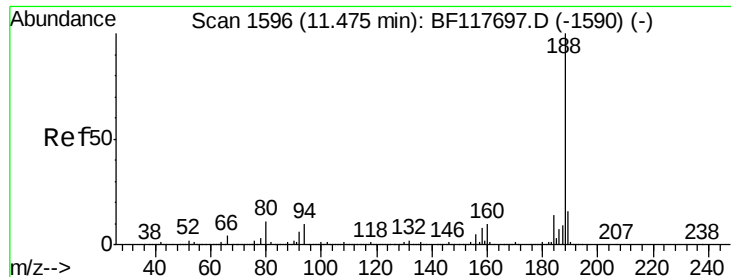
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.6	55.0#
89	1.4	39.2	58.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.681 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.18 min
 Lab File: BF117769.D
 Acq: 12 Nov 2019 19:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.4	51.6#
89	1.4	57.8	86.8#
182	0.0	2.3	3.5#

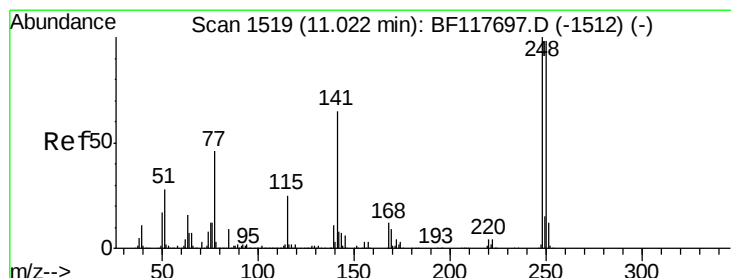
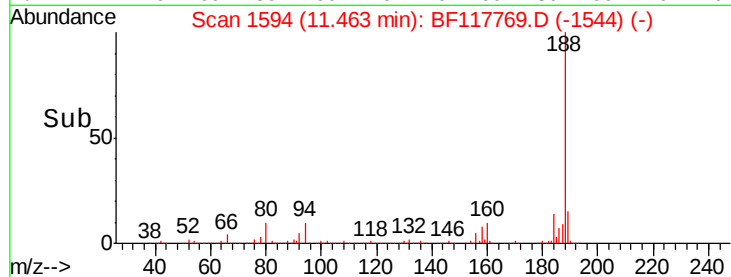
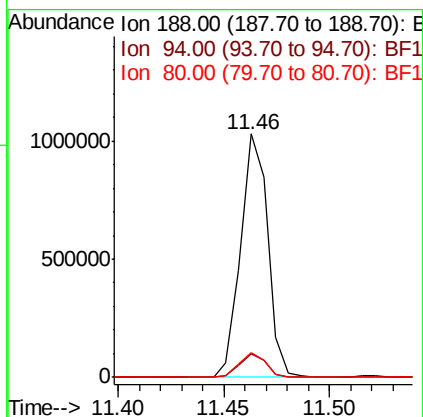
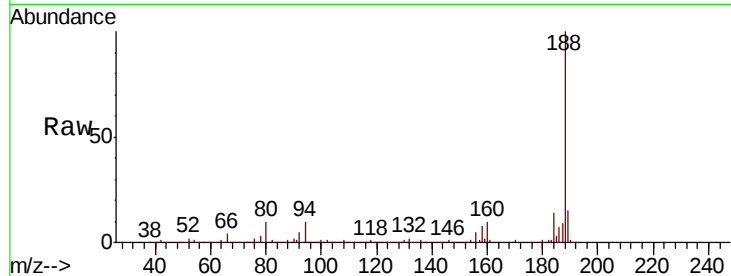




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF117769.D
 Acq: 12 Nov 2019 19:37

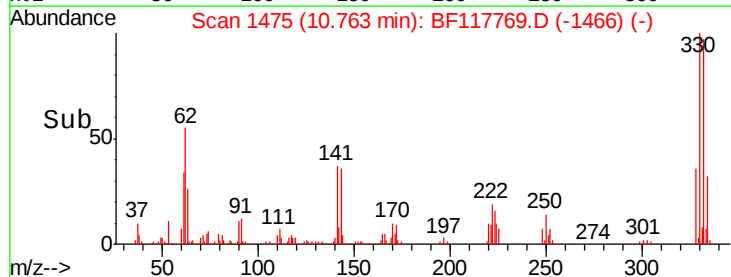
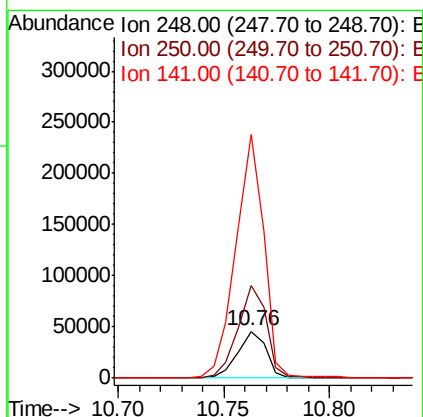
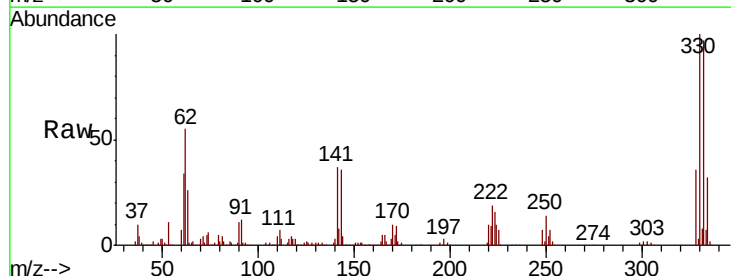
Instrument :
 BNA_F
 ClientSampled :
 RBR-30

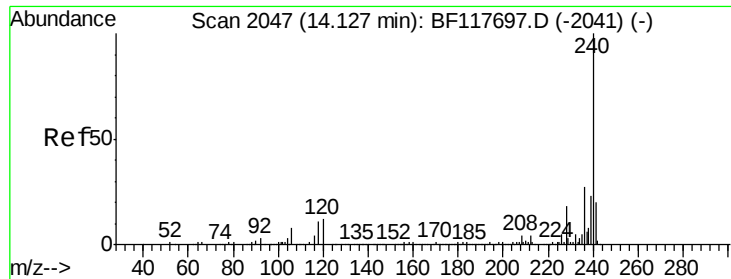
Tot Ion:188 Resp: 914340
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.4 11.2
 80 10.3 8.1 12.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.294 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.25 min
 Lab File: BF117769.D
 Acq: 12 Nov 2019 19:37

Tgt Ion:248 Resp: 42875
 Ion Ratio Lower Upper
 248 100
 250 197.6 77.8 116.6#
 141 523.1 58.6 88.0#

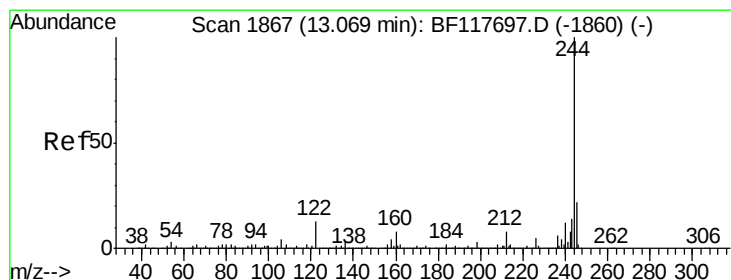
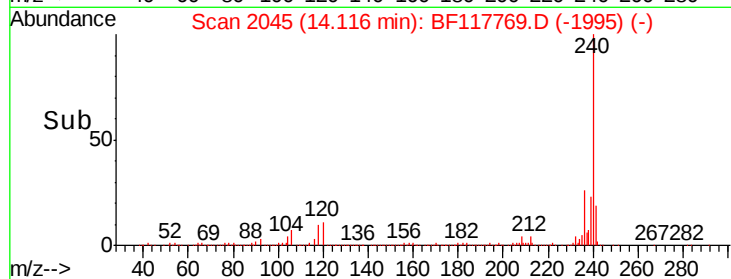
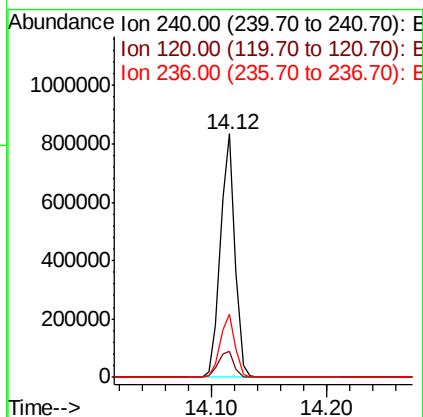
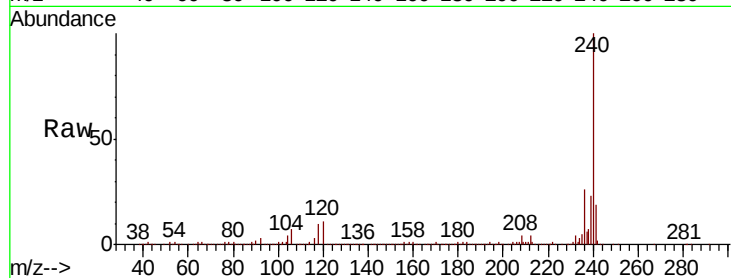




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

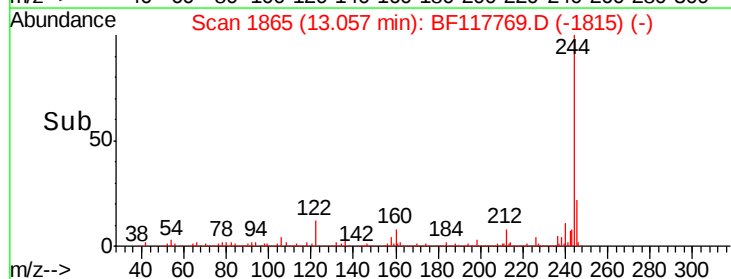
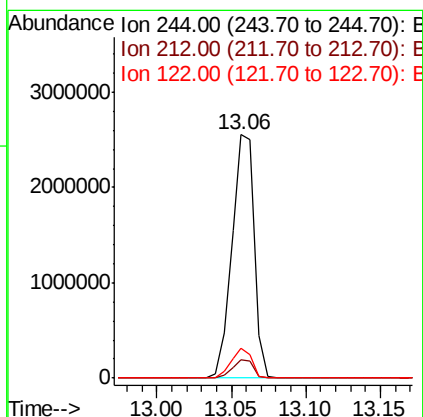
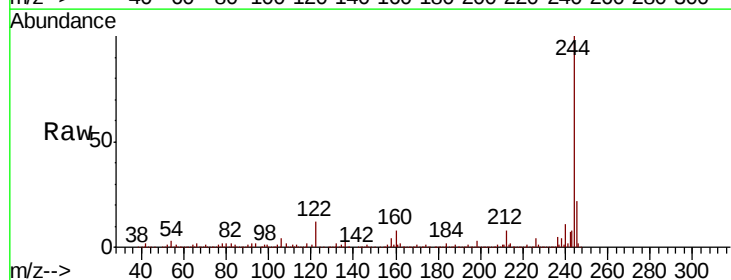
Instrument :
BNA_F
ClientSampleId :
RBR-30

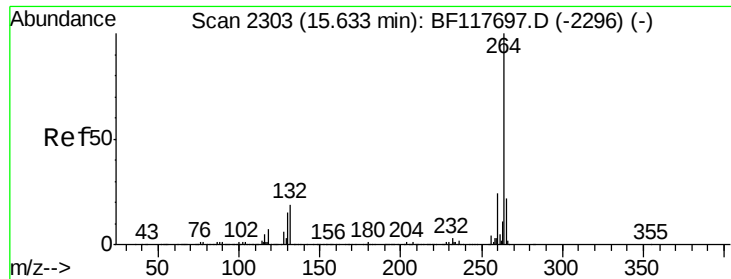
Tot Ion:240 Resp: 729937
Ion Ratio Lower Upper
240 100
120 10.9 9.3 13.9
236 26.1 21.4 32.0



#79
Terphenyl-d14
Concen: 75.783 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

Tgt Ion:244 Resp: 2687134
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 12.5 9.1 13.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.63 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BF117769.D
 Acq: 12 Nov 2019 19:37

Instrument :
 BNA_F
 ClientSampleId :
 RBR-30

Tot Ion:	264	Resp:	805228
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	21.2	17.2	25.8

