

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117969.D
 Acq On : 23 Nov 2019 20:58
 Operator : JU
 Sample : K5931-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:54:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

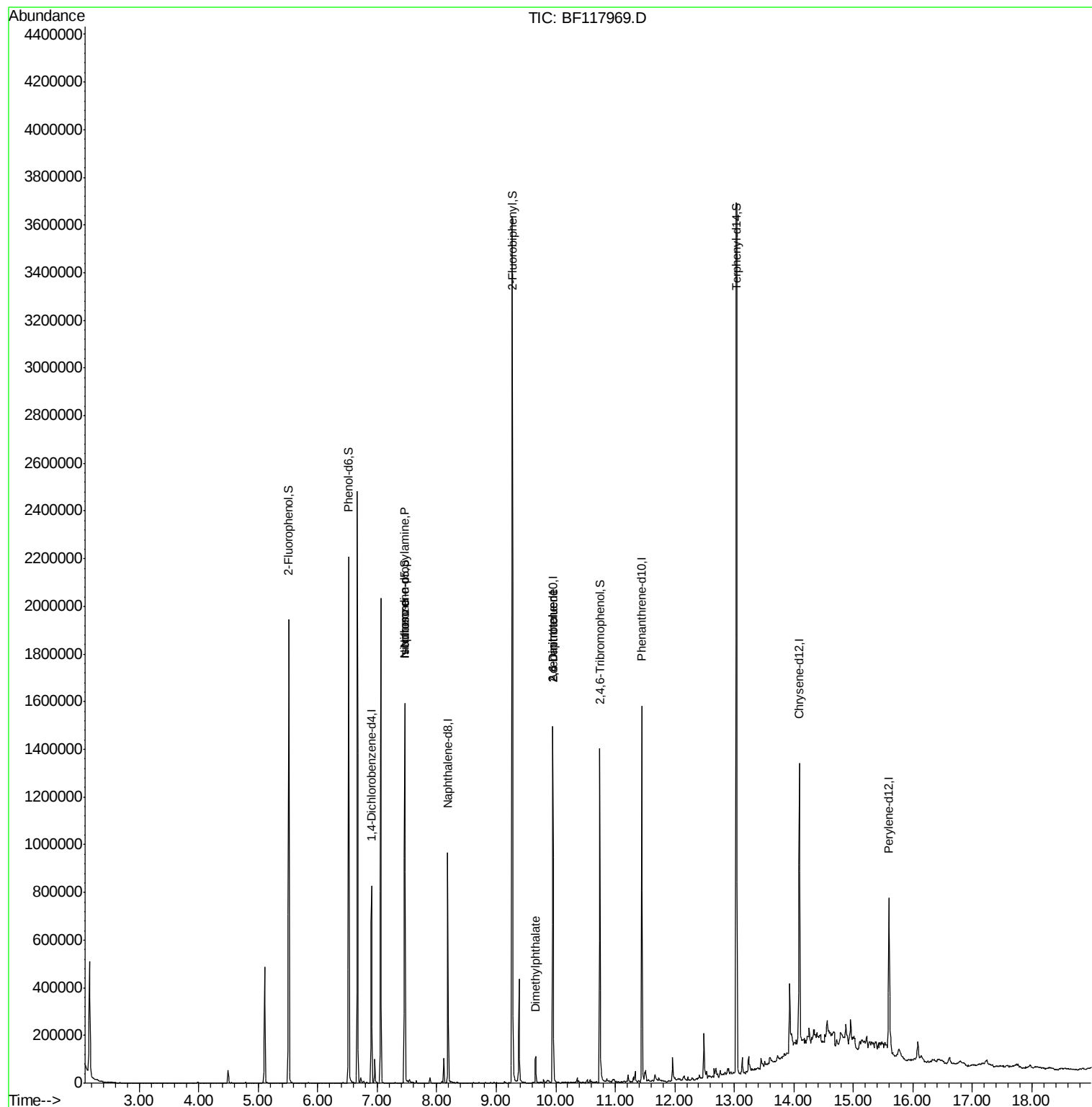
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	117957	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	470492	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	287547	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	559635	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	375390	20.00	ng	-0.02
87) Perylene-d12	15.60	264	317162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	529951	79.53	ng	-0.02
7) Phenol-d6	6.52	99	743473	92.50	ng	-0.02
23) Nitrobenzene-d5	7.46	82	468795	59.23	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	192415	63.21	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1110535	69.29	ng	-0.02
79) Terphenyl-d14	13.04	244	1390530	67.70	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	1152	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.46	70	62805	12.666 ng	#	73
25) Isophorone	7.46	82	468786	32.316 ng	#	62
50) Dimethylphthalate	9.66	163	51229	2.541 ng		98
51) 2,6-Dinitrotoluene	9.95	165	36132	8.199 ng	#	23
57) 2,4-Dinitrotoluene	9.95	165	36132	6.445 ng	#	24
75) Fluoranthene	12.66	202	11478	Below Cal		98

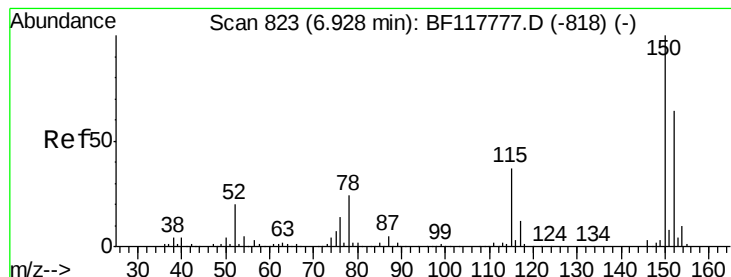
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117969.D
Acq On : 23 Nov 2019 20:58
Operator : JU
Sample : K5931-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 25 07:54:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration



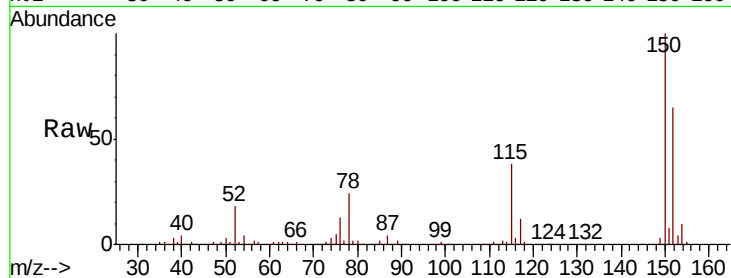


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117969.D
Acq: 23 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.3	187.9
115	58.7	47.0	70.4

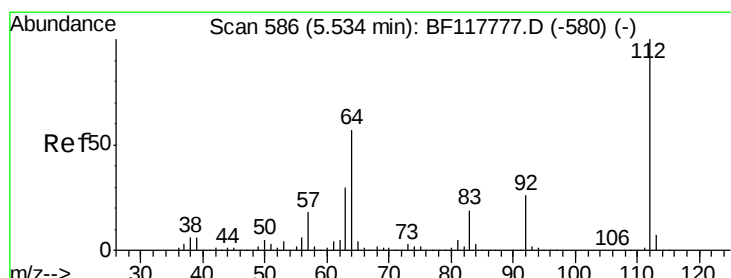
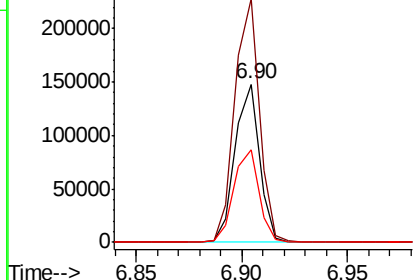
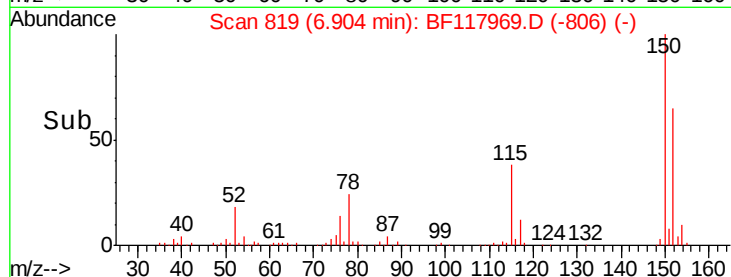


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

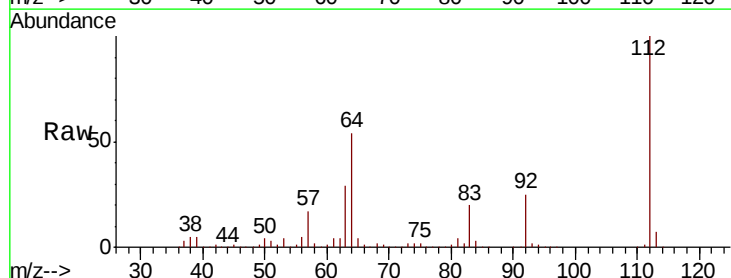
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.526 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF117969.D
Acq: 23 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.6	68.4
63	28.7	24.1	36.1

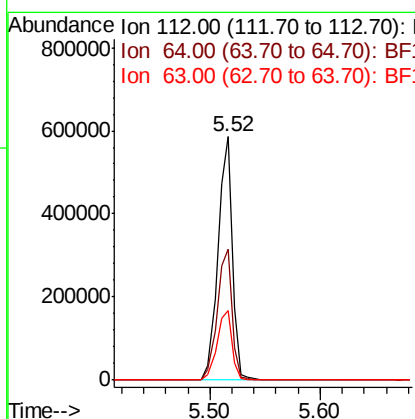
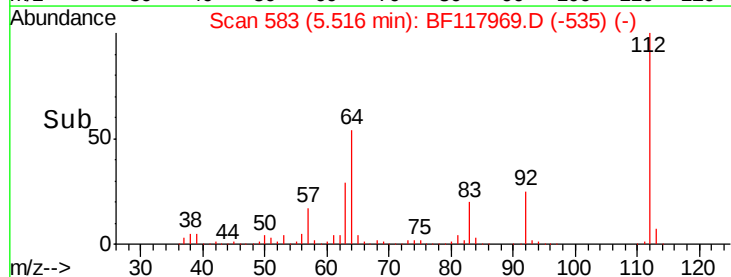


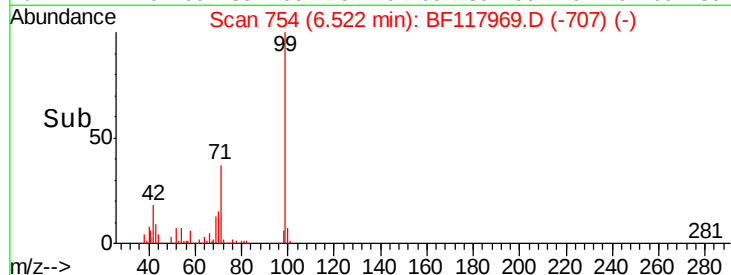
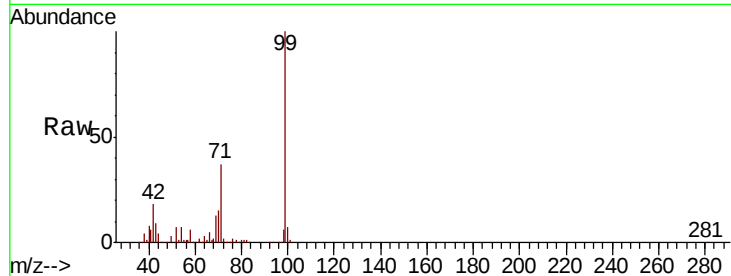
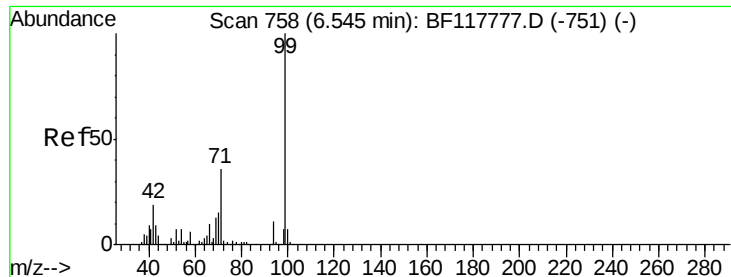
Abundance

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: 92.499 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117969.D

Acq: 23 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

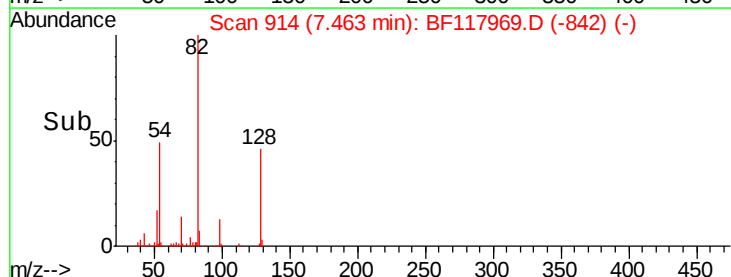
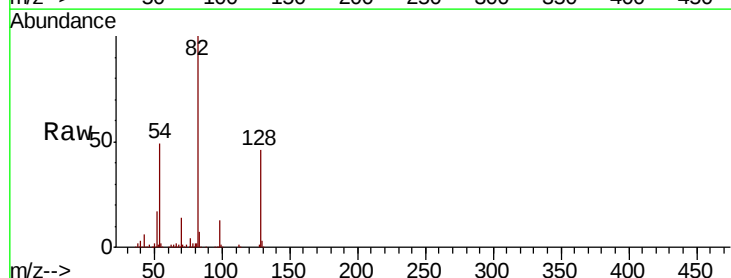
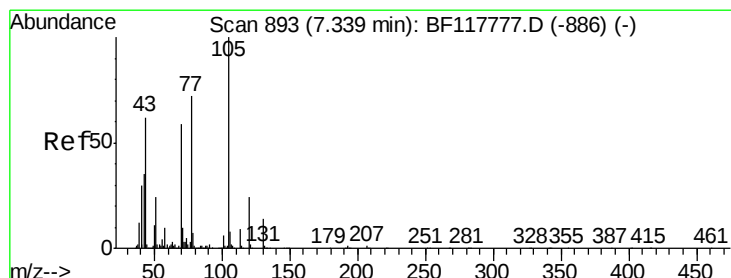
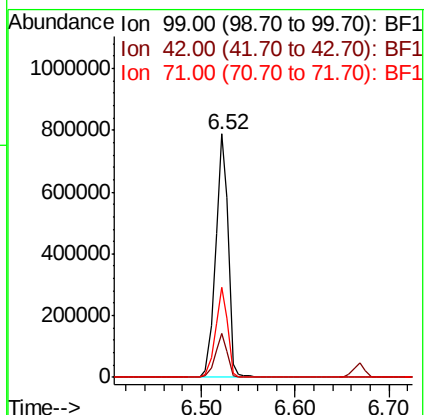
Tot Ion: 99 Resp: 743473

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

71 36.7 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.666 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.12 min

Lab File: BF117969.D

Acq: 23 Nov 2019 20:58

Tgt Ion: 70 Resp: 62805

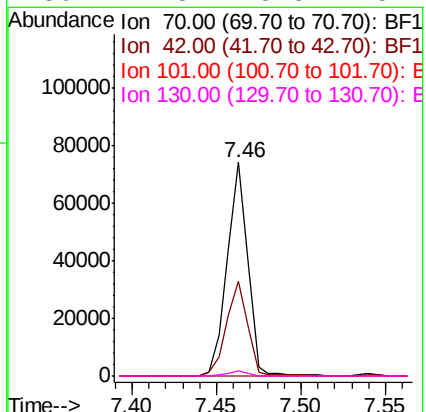
Ion Ratio Lower Upper

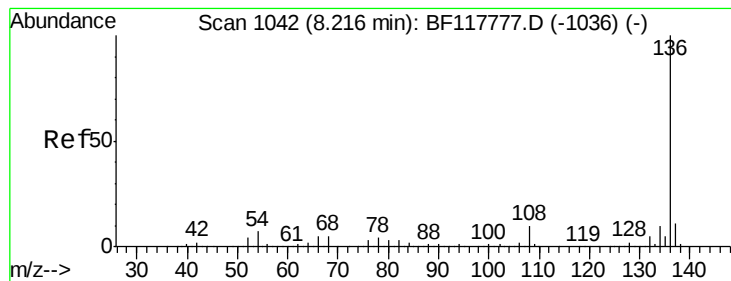
70 100

42 44.1 47.4 71.2#

101 0.0 8.4 12.6#

130 2.3 18.8 28.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BF117969.D

Acq: 23 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470492

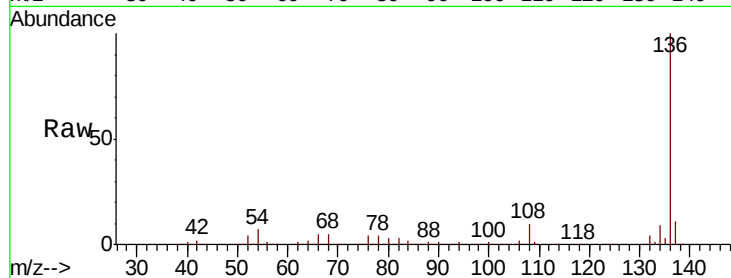
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.0 5.4 8.2

68 5.2 4.3 6.5

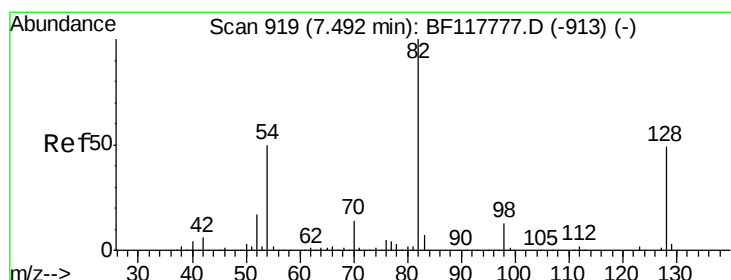
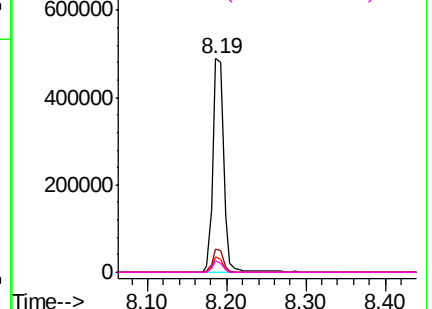
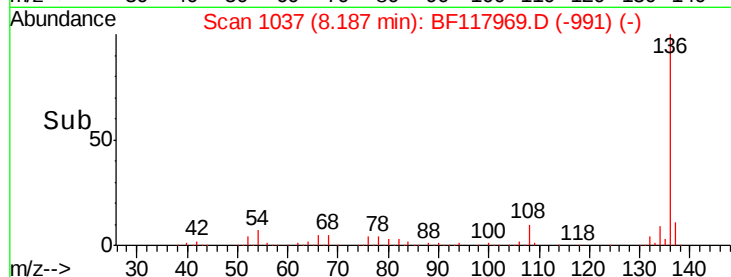


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.231 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF117969.D

Acq: 23 Nov 2019 20:58

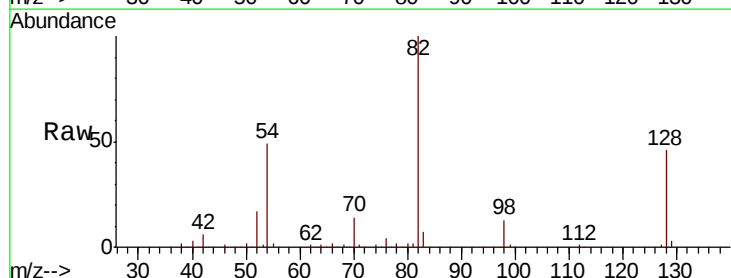
Tgt Ion: 82 Resp: 468795

Ion Ratio Lower Upper

82 100

128 46.1 38.9 58.3

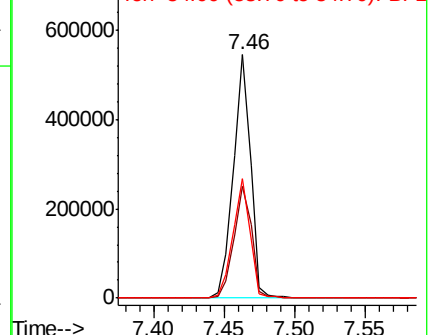
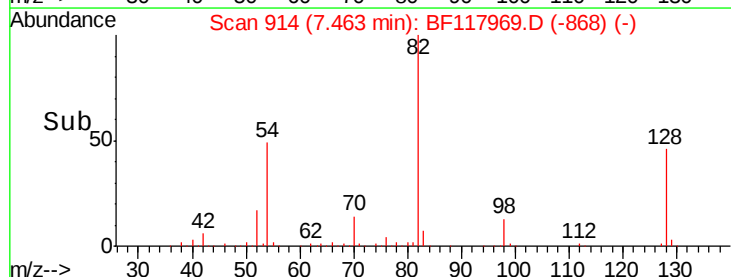
54 48.9 39.8 59.6

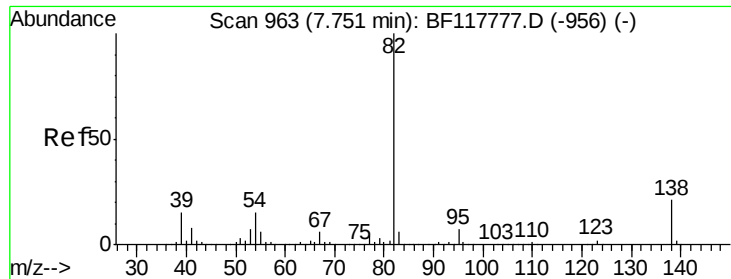


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.316 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.29 min

Lab File: BF117969.D

Acq: 23 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

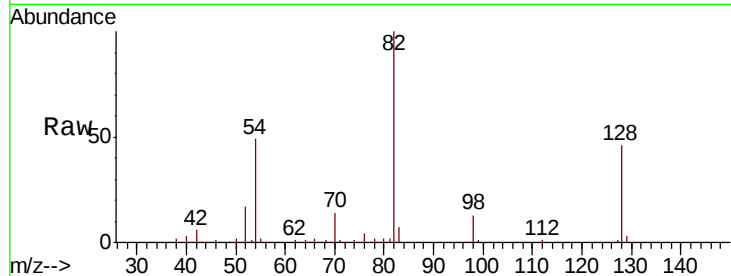
Tot Ion: 82 Resp: 468786

Ion Ratio Lower Upper

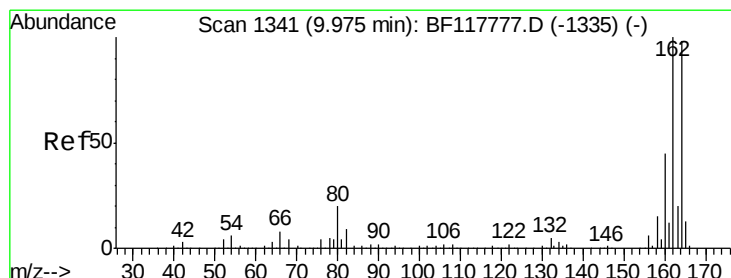
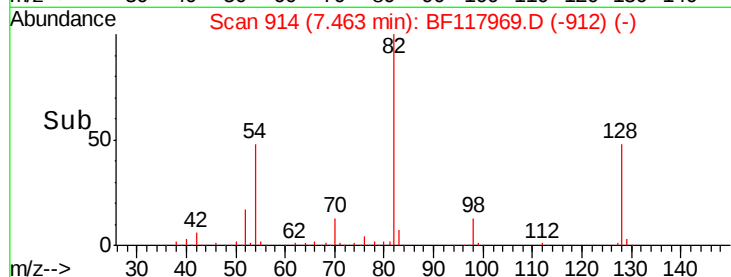
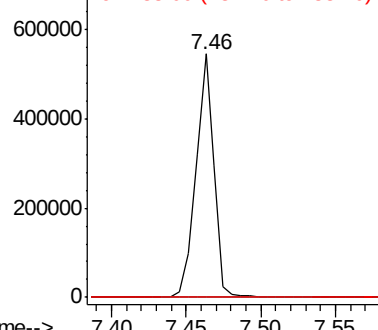
82 100

95 0.0 5.8 8.8#

138 0.0 16.5 24.7#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF117969.D

Acq: 23 Nov 2019 20:58

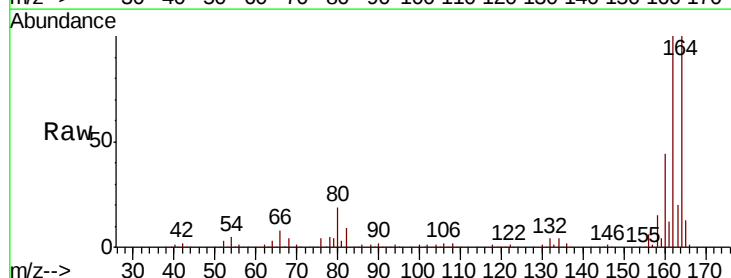
Tgt Ion: 164 Resp: 287547

Ion Ratio Lower Upper

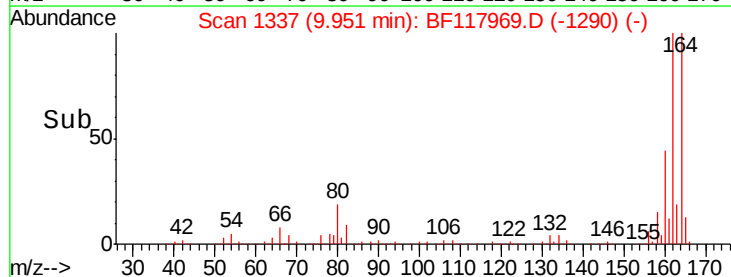
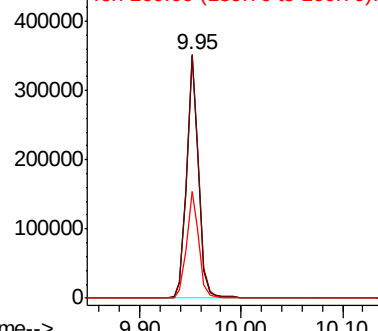
164 100

162 100.3 81.3 121.9

160 44.0 36.6 55.0



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

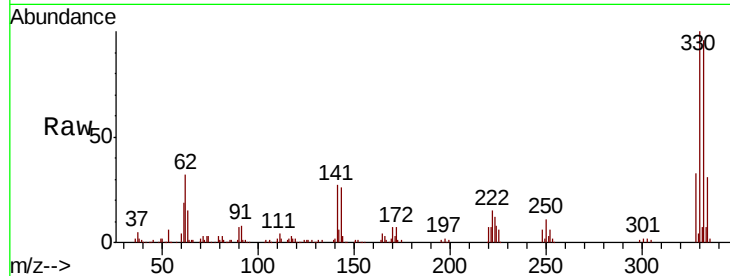




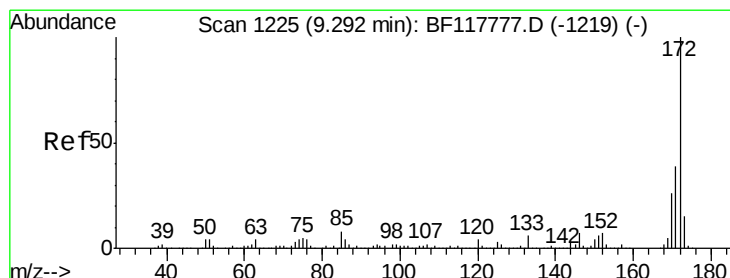
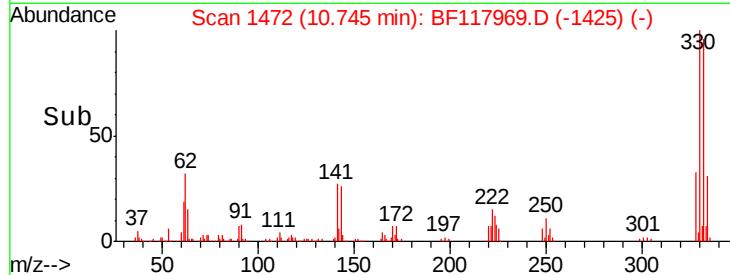
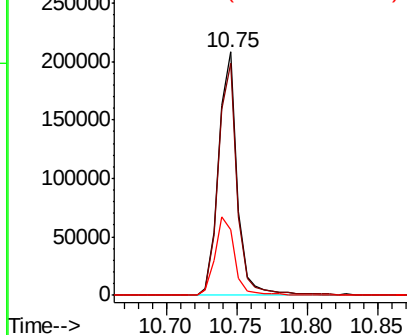
#42
 2,4,6-Tribromophenol
 Concen: 63.206 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF117969.D
 Acq: 23 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.7	115.1
141	34.0	27.7	41.5

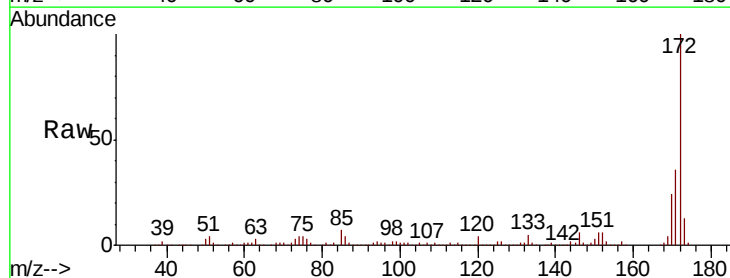


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

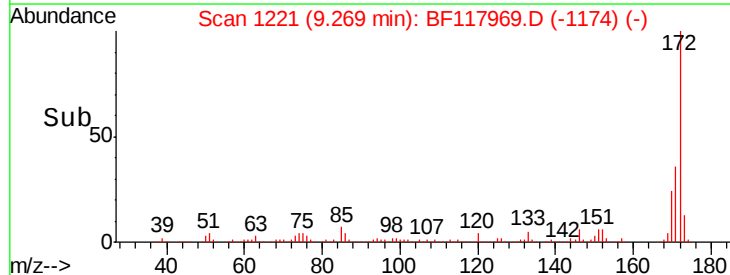
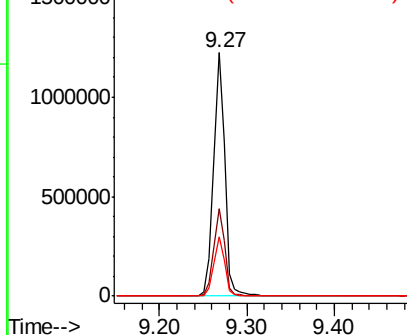


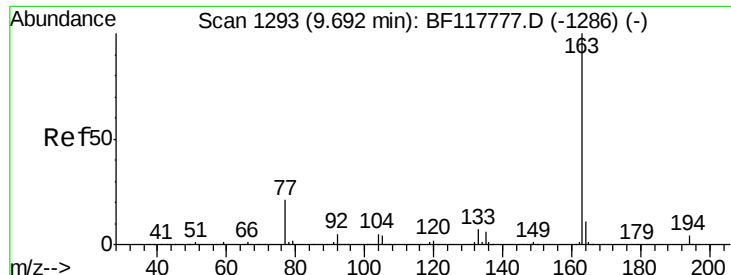
#45
 2-Fluorobiphenyl
 Concen: 69.287 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF117969.D
 Acq: 23 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.9	46.3
170	24.1	21.0	31.4



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

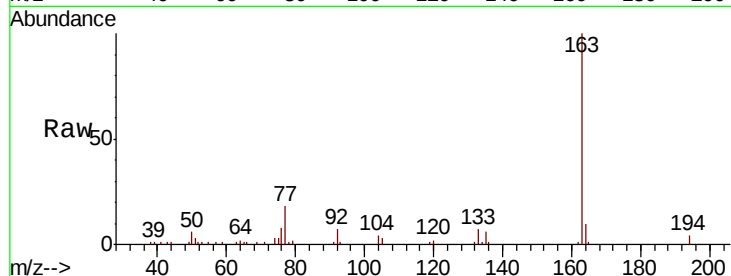




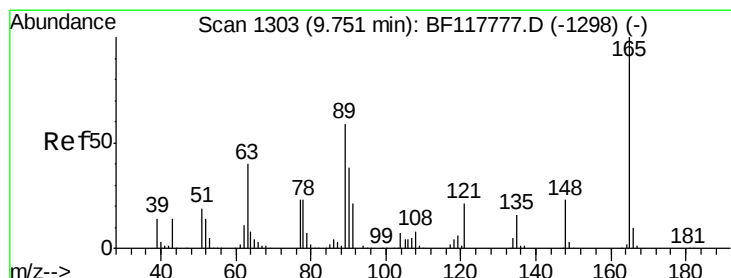
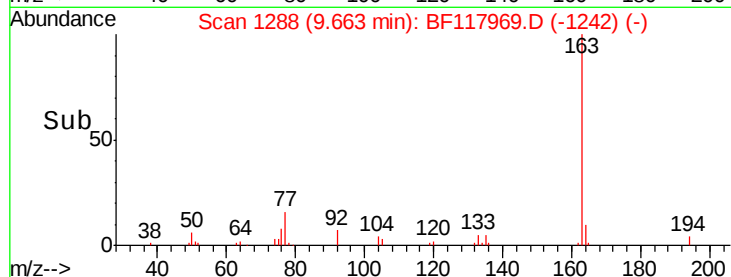
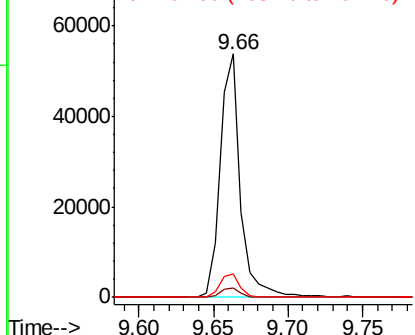
#50
Dimethylphthalate
Concen: 2.541 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117969.D
Acq: 23 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 51229
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.8 8.7 13.1

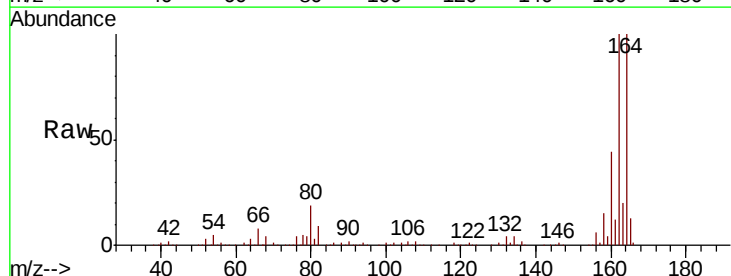


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

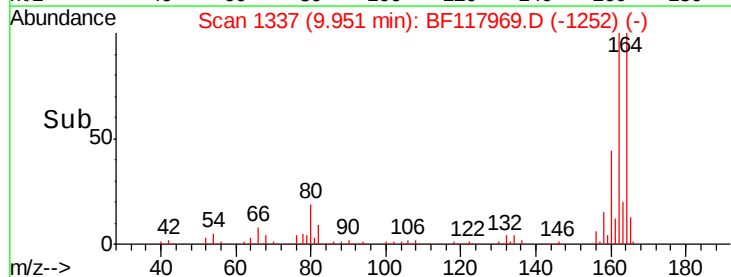
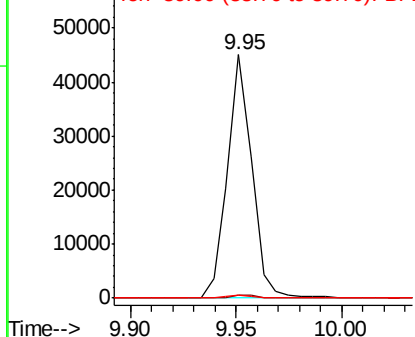


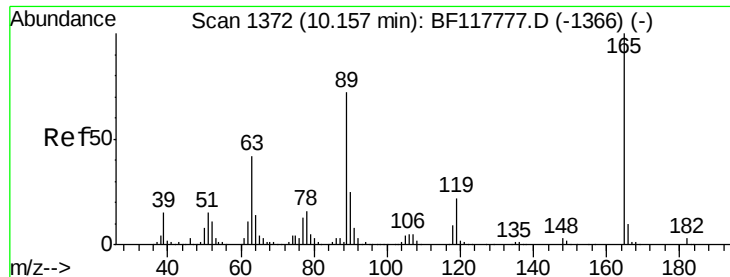
#51
2,6-Dinitrotoluene
Concen: 8.199 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.20 min
Lab File: BF117969.D
Acq: 23 Nov 2019 20:58

Tgt Ion:165 Resp: 36132
Ion Ratio Lower Upper
165 100
63 1.1 46.0 69.0#
89 1.4 47.7 71.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

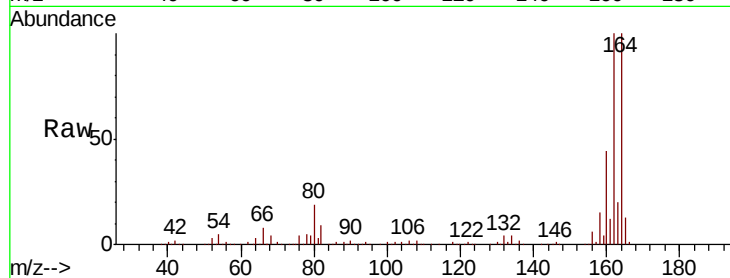




#57
 2,4-Dinitrotoluene
 Concen: 6.445 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.21 min
 Lab File: BF117969.D
 Acq: 23 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.7	50.5#
89	1.4	57.3	85.9#
182	0.0	2.3	3.5#

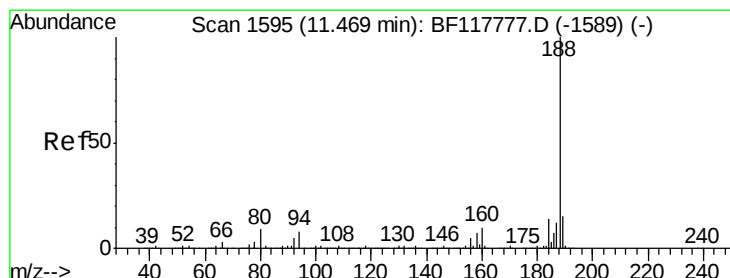
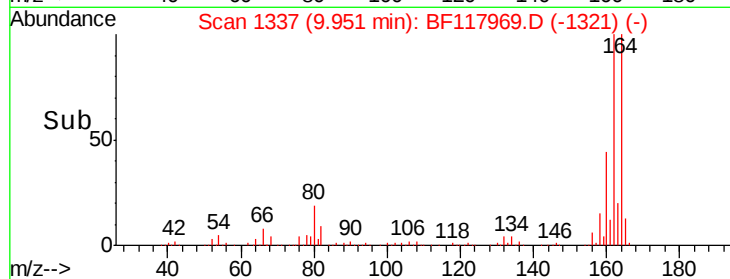
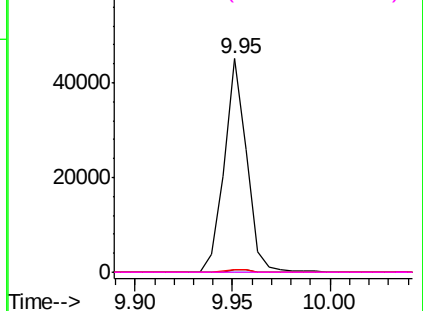


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

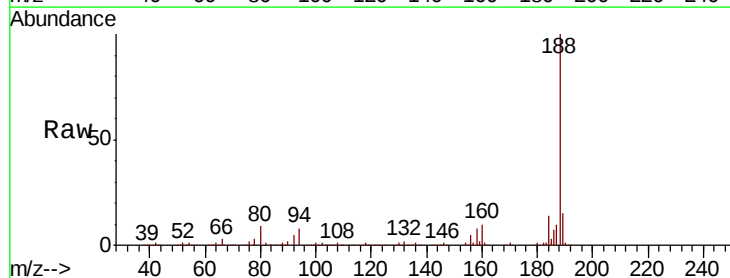
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.02 min
 Lab File: BF117969.D
 Acq: 23 Nov 2019 20:58

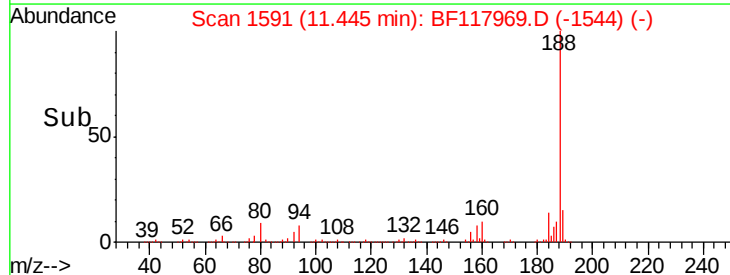
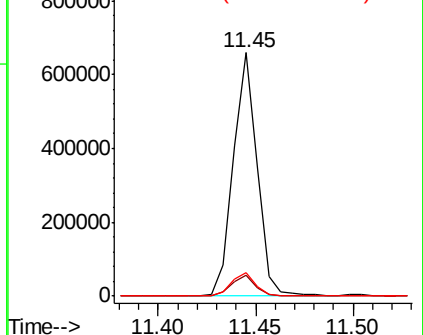
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.4	7.2	10.8

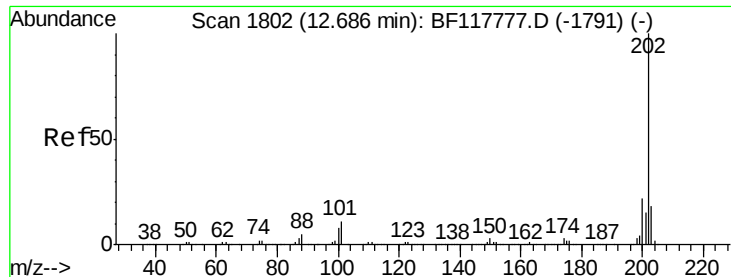


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

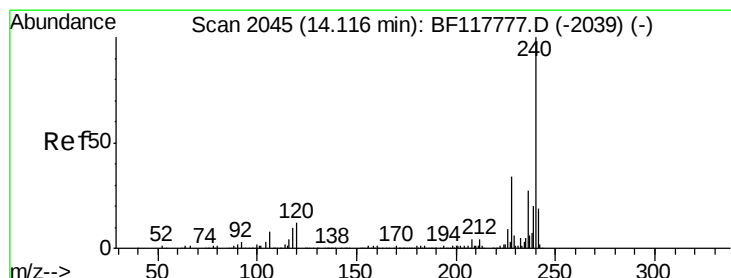
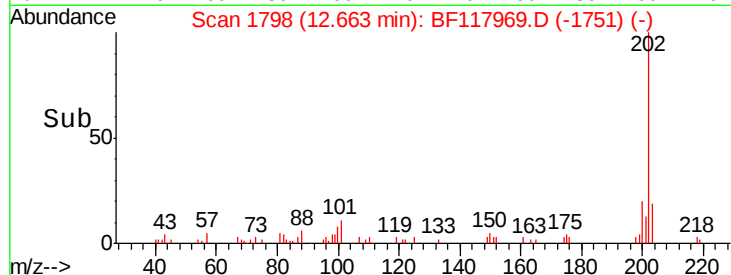
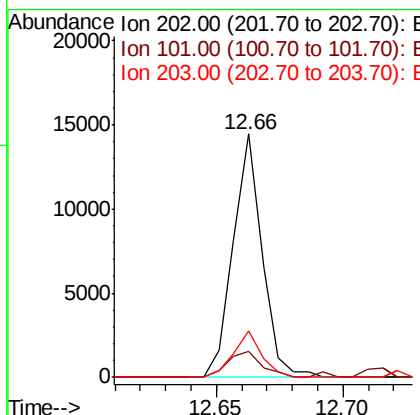
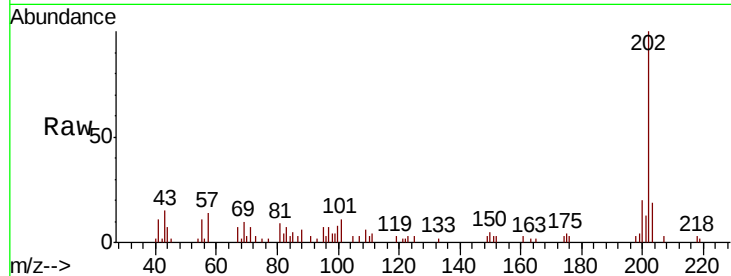




#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BF117969.D
Acq: 23 Nov 2019 20:58

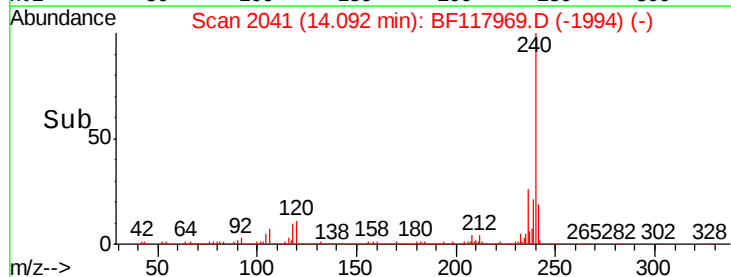
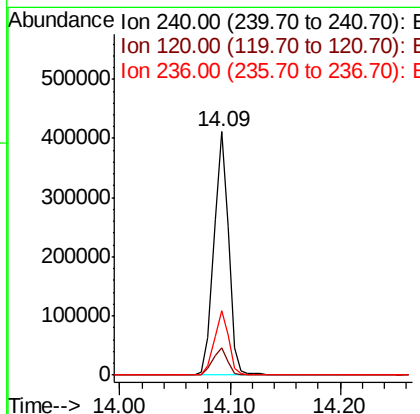
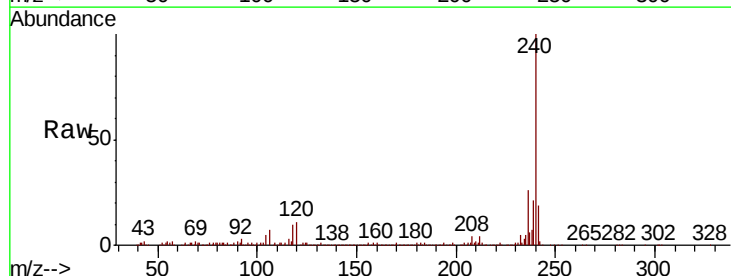
Instrument :
BNA_F
ClientSampleId :

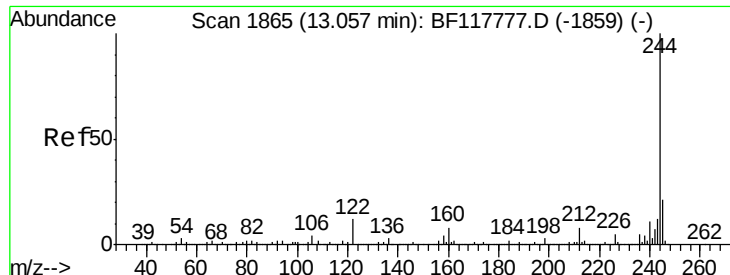
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.1
203	19.2	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117969.D
Acq: 23 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	26.4	21.3	31.9



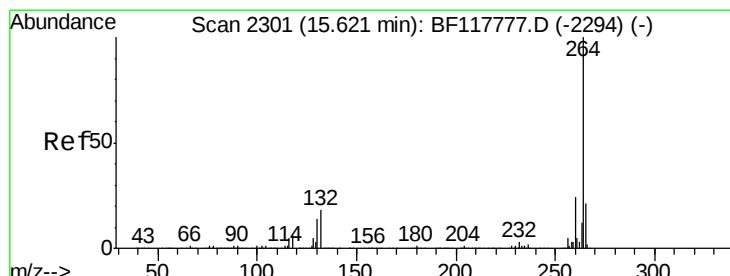
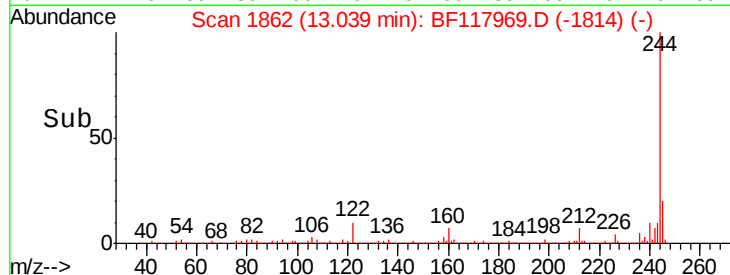
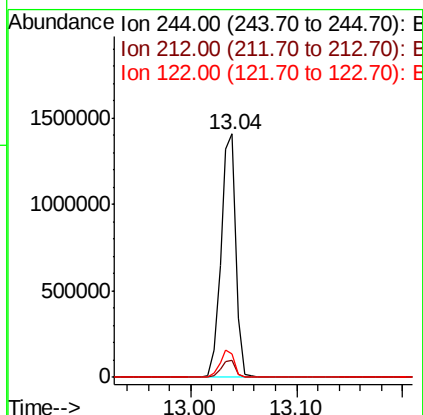
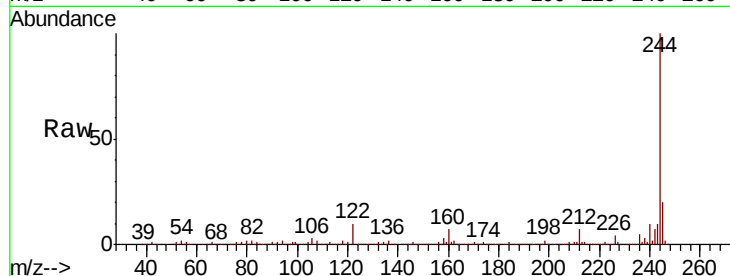


#79
 Terphenyl-d14
 Concen: 67.699 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117969.D
 Acq: 23 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1390530

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	9.7	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BF117969.D
 Acq: 23 Nov 2019 20:58

Tgt Ion:264 Resp: 317162

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	20.4	17.1	25.7

