

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118031.D
 Acq On : 27 Nov 2019 6:26
 Operator : JU
 Sample : K6014-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 07:51:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

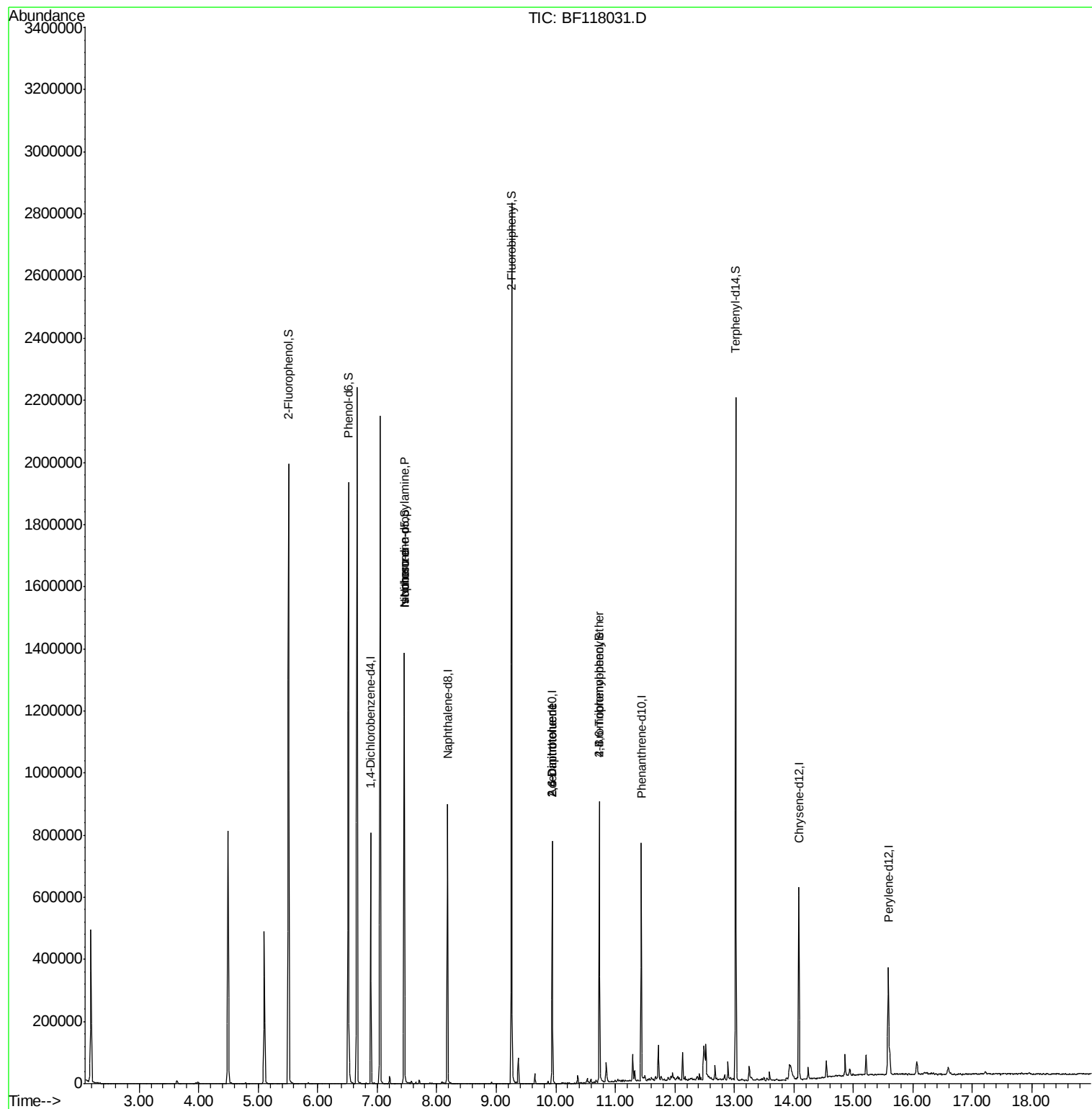
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	108607	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	386791	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	166916	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	264039	20.00	ng	0.00
76) Chrysene-d12	14.09	240	206709	20.00	ng	0.00
87) Perylene-d12	15.59	264	164622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	530546	86.47	ng	0.01
7) Phenol-d6	6.52	99	734852	99.30	ng	0.00
23) Nitrobenzene-d5	7.46	82	446710	68.65	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	112443	63.63	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	846086	90.94	ng	0.00
79) Terphenyl-d14	13.03	244	774058	68.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1112	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.46	70	58762	12.871 ng	#	74
25) Isophorone	7.46	82	446708	37.458 ng	#	62
51) 2,6-Dinitrotoluene	9.94	165	21719	8.490 ng	#	23
57) 2,4-Dinitrotoluene	9.94	165	21719	6.674 ng	#	24
67) 4-Bromophenyl-phenylether	10.73	248	7121	2.500 ng	#	1
75) Fluoranthene	12.65	202	870	Below Cal		63

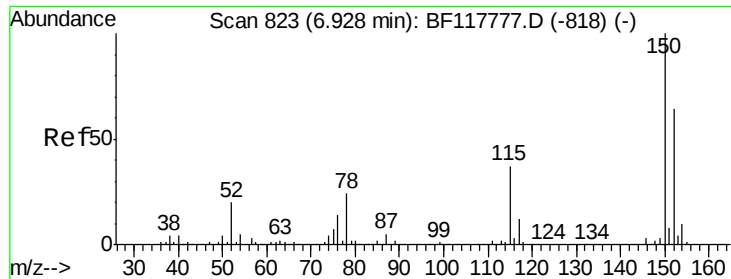
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118031.D
Acq On : 27 Nov 2019 6:26
Operator : JU
Sample : K6014-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 27 07:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration



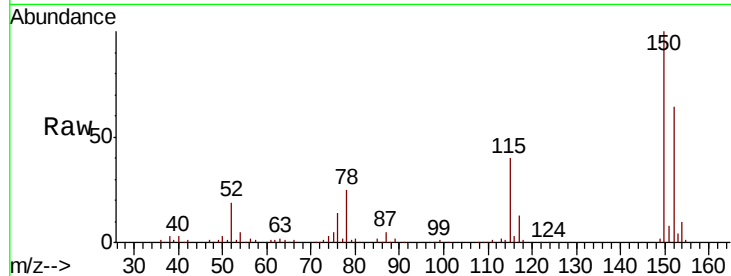


#1

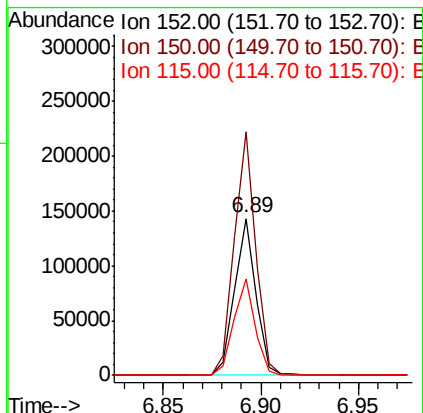
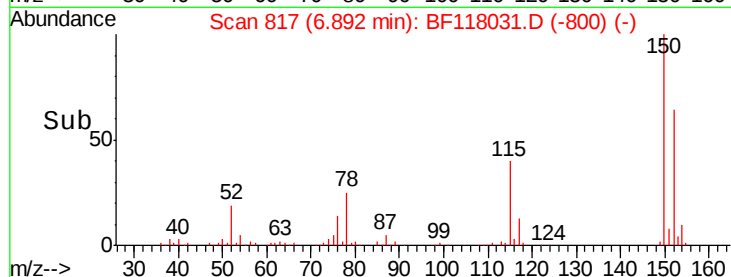
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118031.D
Acq: 27 Nov 2019 6:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108607
Ion Ratio Lower Upper
152 100
150 155.5 125.3 187.9
115 61.4 47.0 70.4



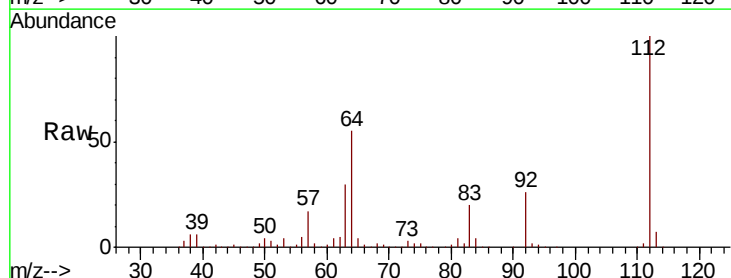
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



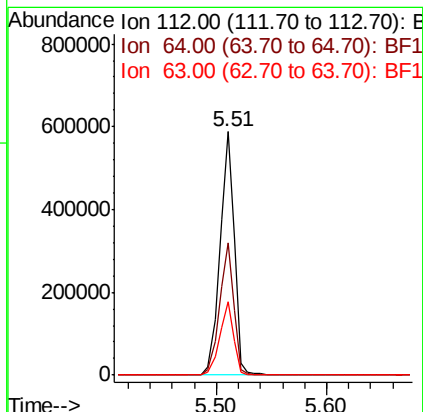
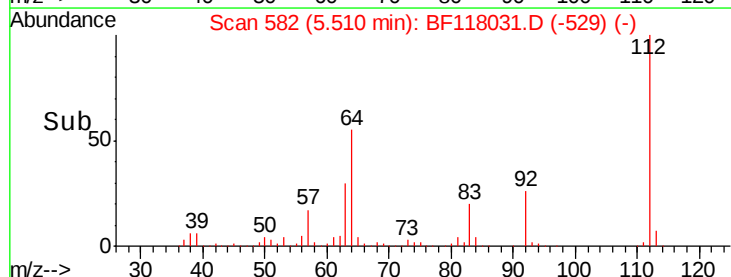
#5

2-Fluorophenol
Concen: 86.470 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118031.D
Acq: 27 Nov 2019 6:26

Tgt Ion:112 Resp: 530546
Ion Ratio Lower Upper
112 100
64 54.6 45.6 68.4
63 30.0 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: 99.297 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118031.D

Acq: 27 Nov 2019 6:26

Instrument :

BNA_F

ClientSampleId :

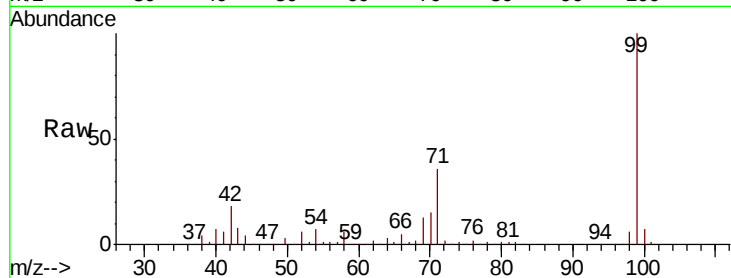
Tot Ion: 99 Resp: 734852

Ion Ratio Lower Upper

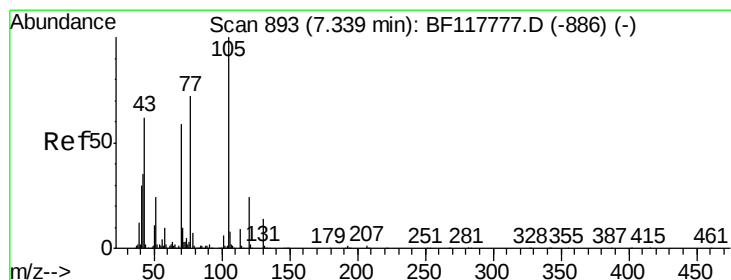
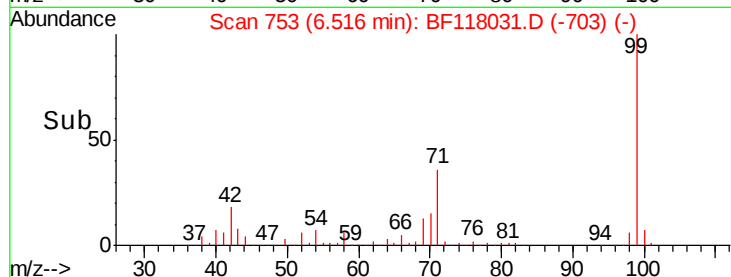
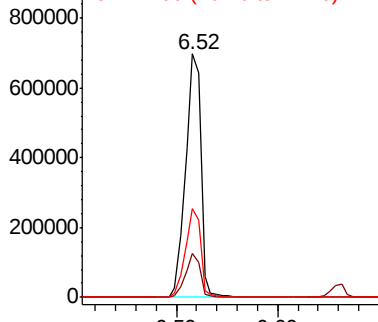
99 100

42 18.0 14.9 22.3

71 36.5 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.871 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF118031.D

Acq: 27 Nov 2019 6:26

Tgt Ion: 70 Resp: 58762

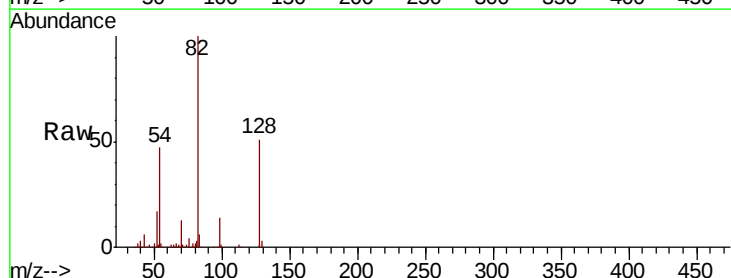
Ion Ratio Lower Upper

70 100

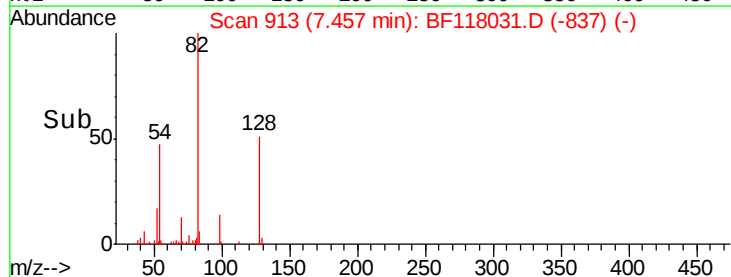
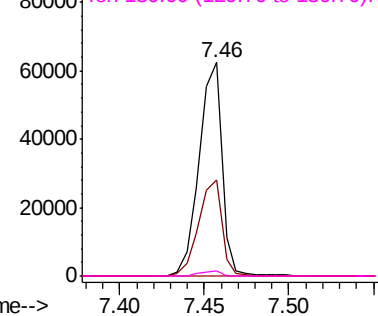
42 44.7 47.4 71.2#

101 0.0 8.4 12.6#

130 2.3 18.8 28.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

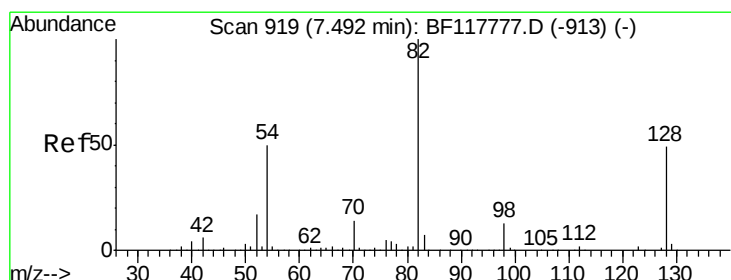
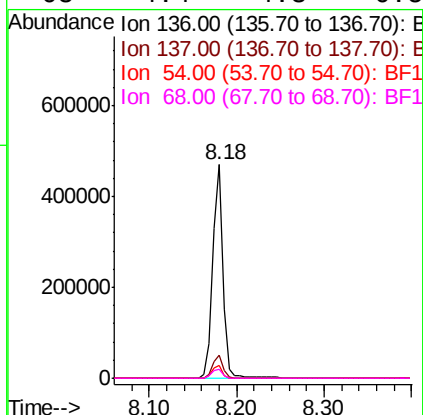
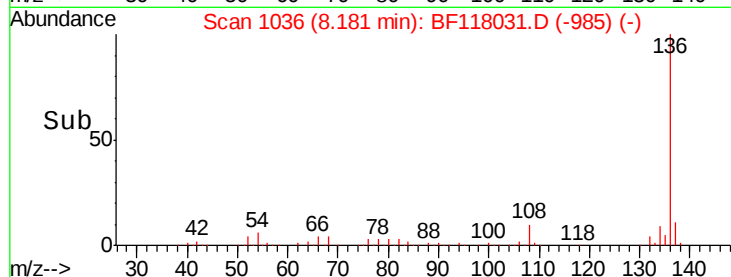
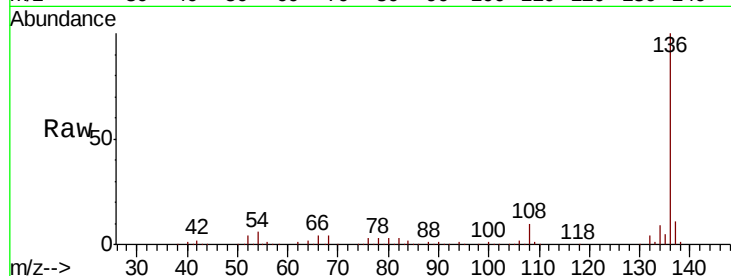




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118031.D
Acq: 27 Nov 2019 6:26

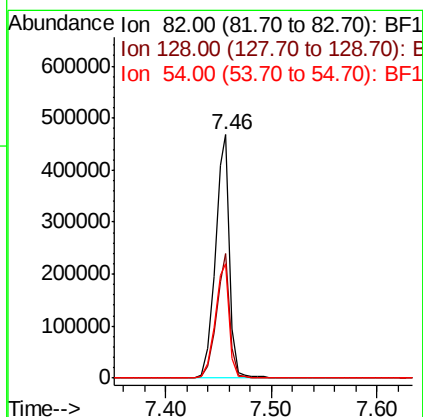
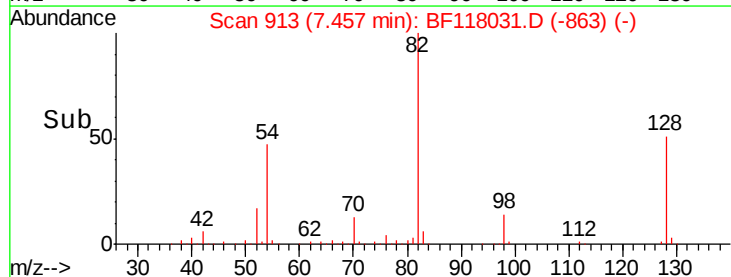
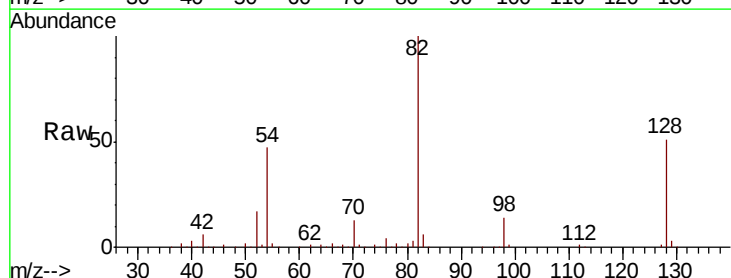
Instrument :
BNA_F
ClientSampleId :

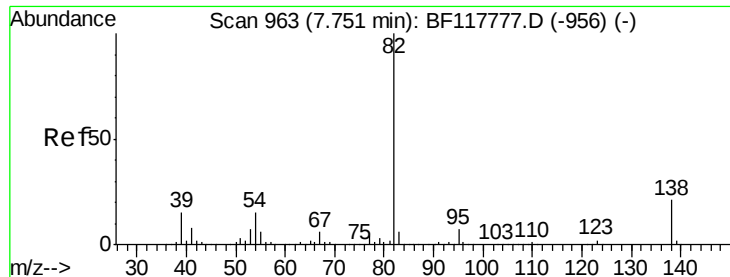
Tot Ion:136	Resp:	386791
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	5.9	5.4 8.2
68	4.4	4.3 6.5



#23
Nitrobenzene-d5
Concen: 68.655 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118031.D
Acq: 27 Nov 2019 6:26

Tgt Ion: 82	Resp:	446710
Ion Ratio	Lower	Upper
82	100	
128	51.3	38.9 58.3
54	47.2	39.8 59.6

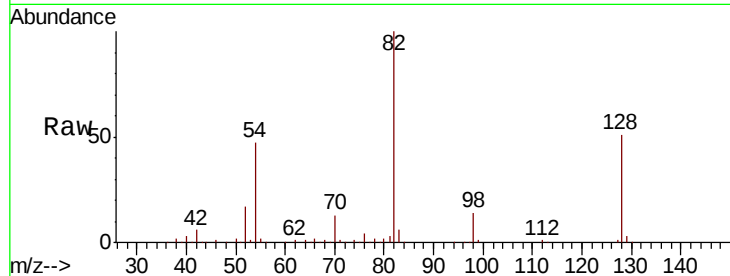




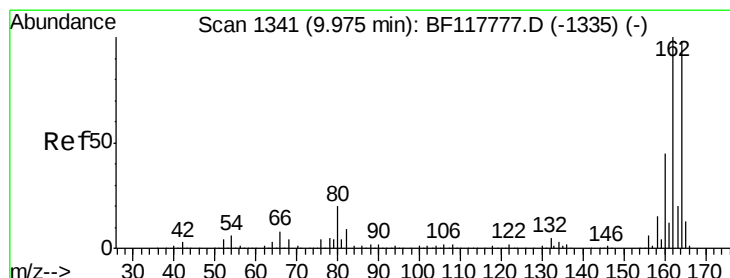
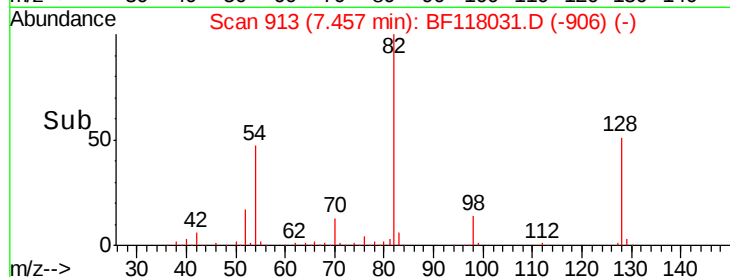
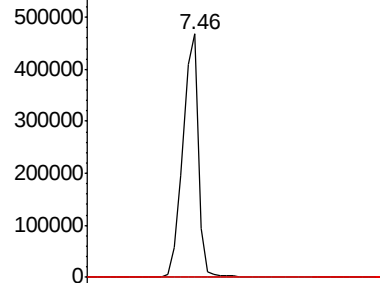
#25
Isophorone
Concen: 37.458 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF118031.D
Acq: 27 Nov 2019 6:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 446708
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.5 24.7#

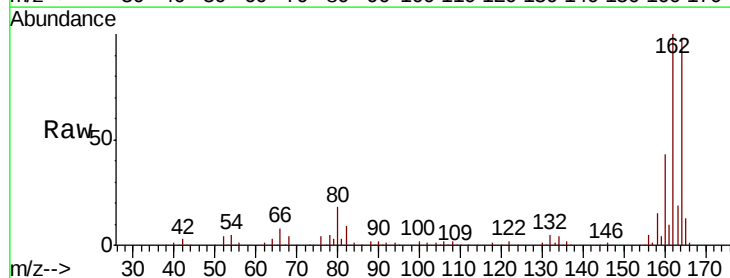


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

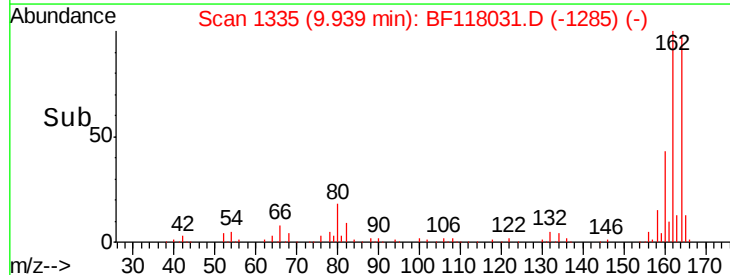
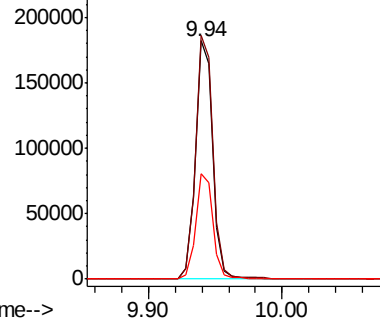


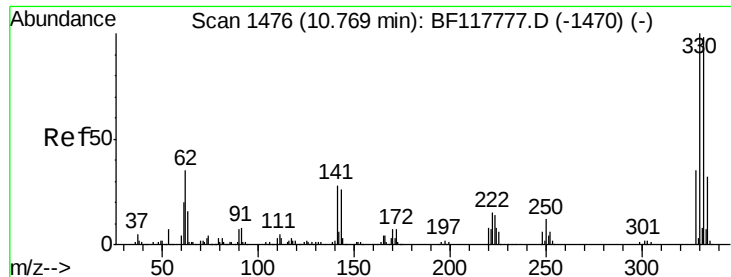
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118031.D
Acq: 27 Nov 2019 6:26

Tgt Ion: 164 Resp: 166916
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 44.4 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: 63.631 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF118031.D

Acq: 27 Nov 2019 6:26

Instrument :

BNA_F

ClientSampleId :

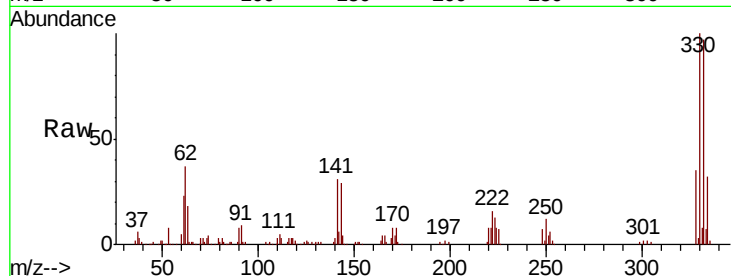
Tot Ion:330 Resp: 112443

Ion Ratio Lower Upper

330 100

332 96.8 76.7 115.1

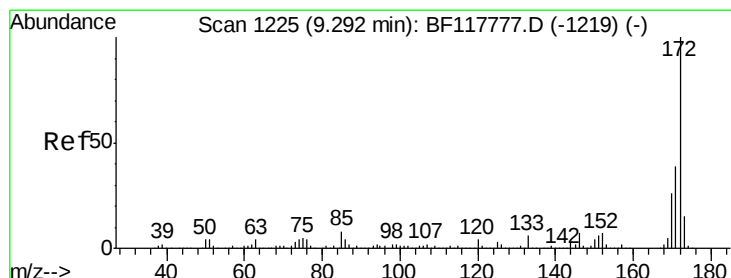
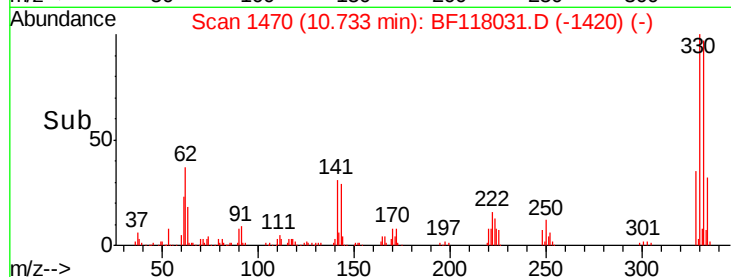
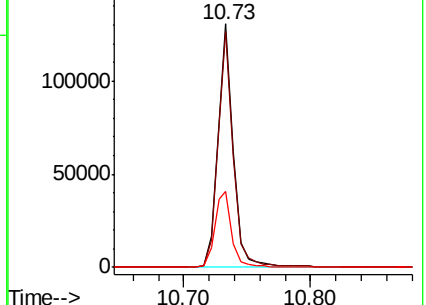
141 34.3 27.7 41.5



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: 90.938 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF118031.D

Acq: 27 Nov 2019 6:26

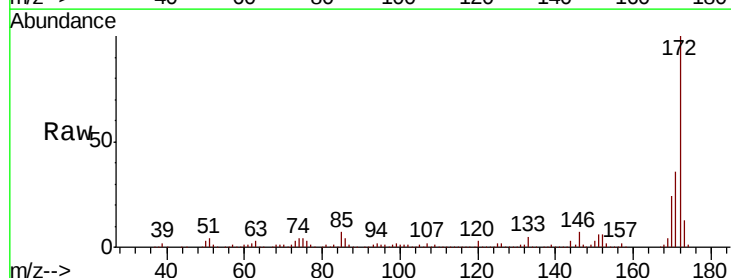
Tgt Ion:172 Resp: 846086

Ion Ratio Lower Upper

172 100

171 36.3 30.9 46.3

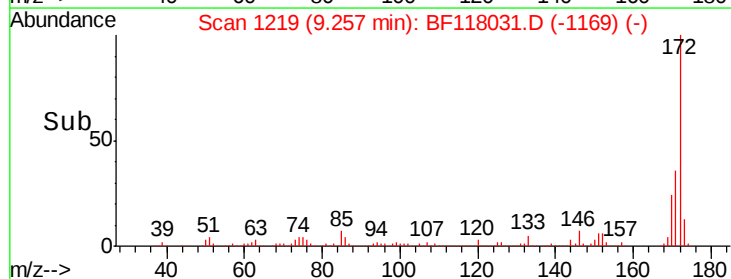
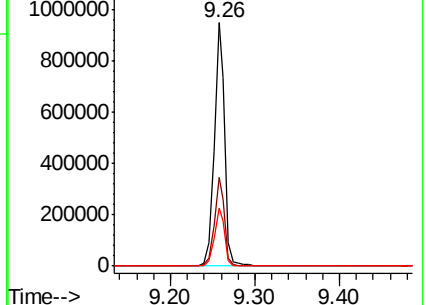
170 23.9 21.0 31.4

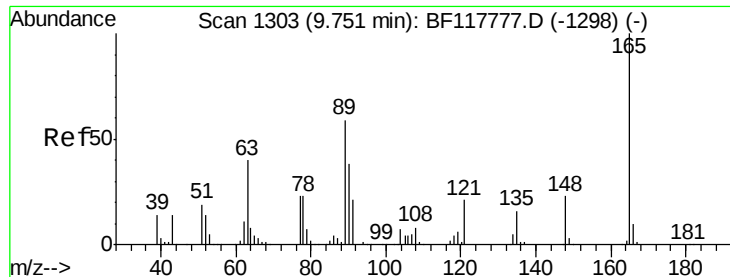


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

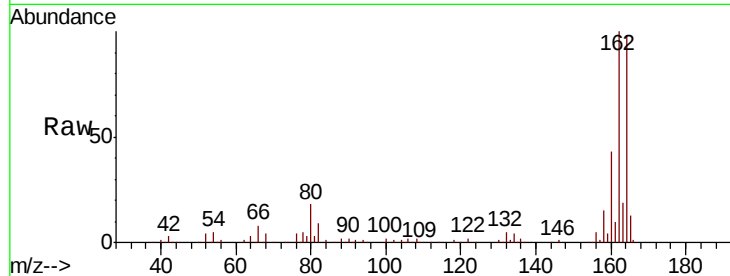




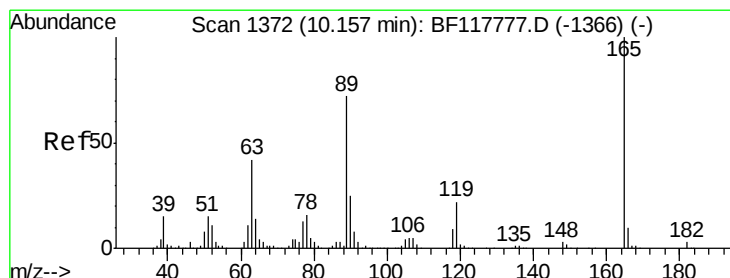
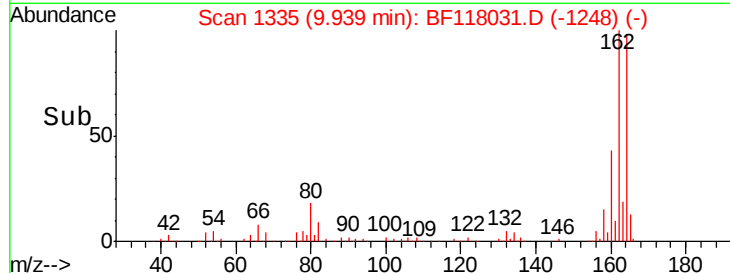
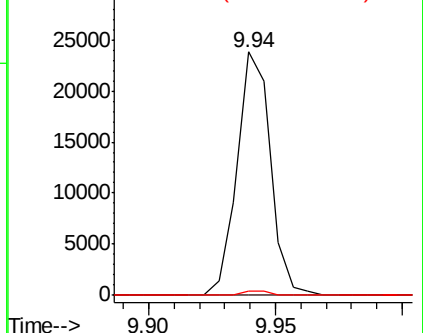
#51
 2,6-Dinitrotoluene
 Concen: 8.490 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.21 min
 Lab File: BF118031.D
 Acq: 27 Nov 2019 6:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	1.6	47.7	71.5#



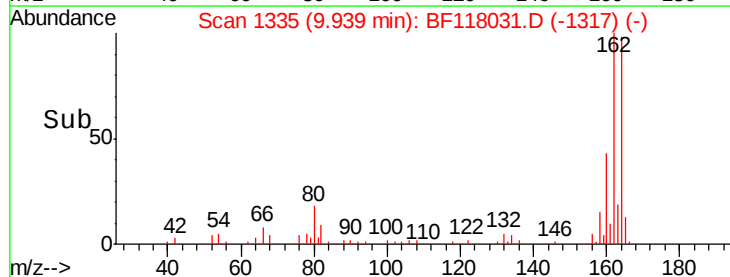
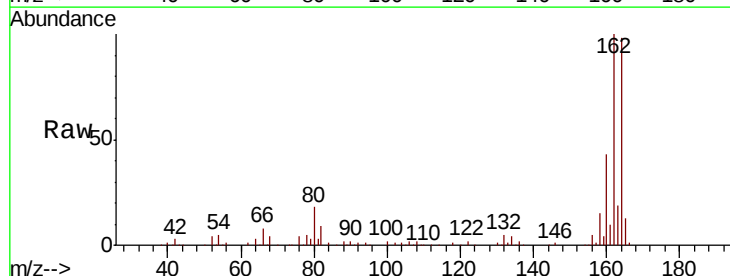
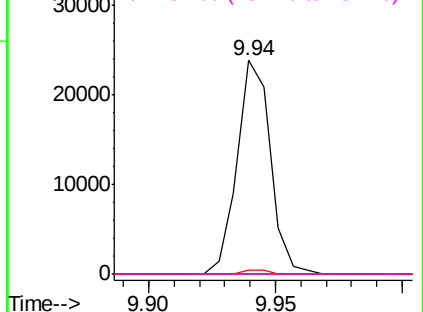
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

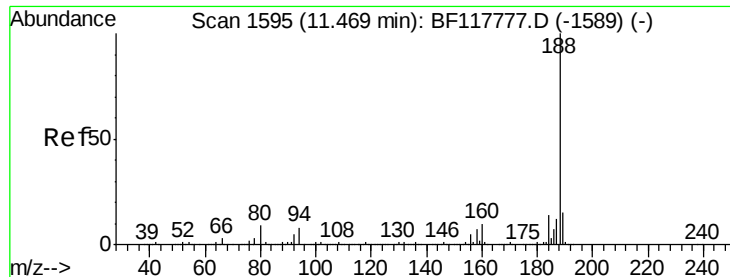


#57
 2,4-Dinitrotoluene
 Concen: 6.674 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF118031.D
 Acq: 27 Nov 2019 6:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	1.6	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

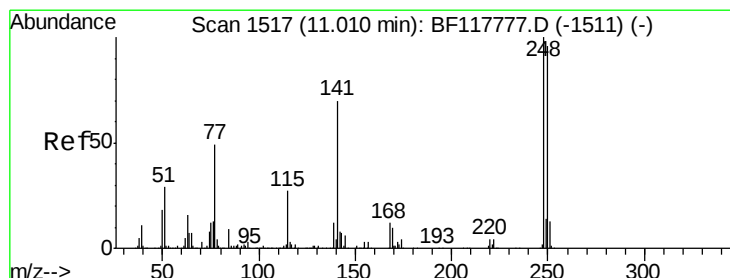
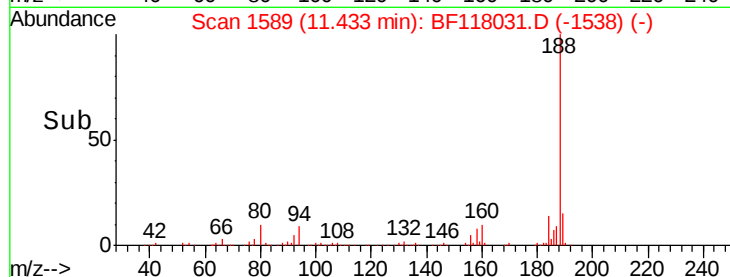
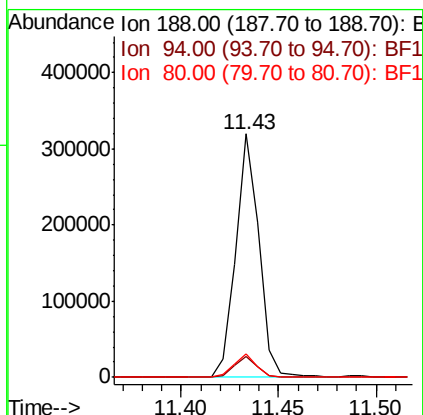
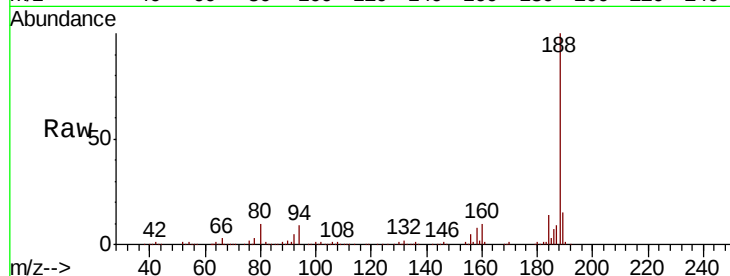




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118031.D
Acq: 27 Nov 2019 6:26

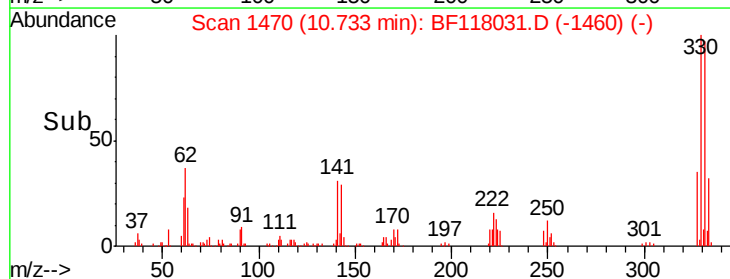
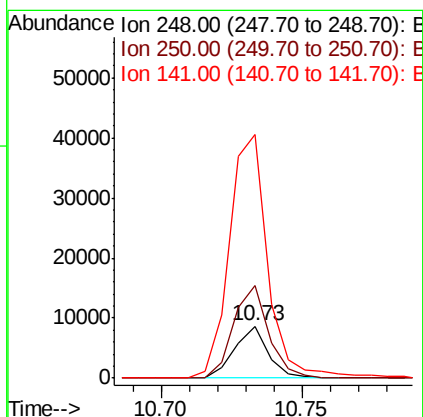
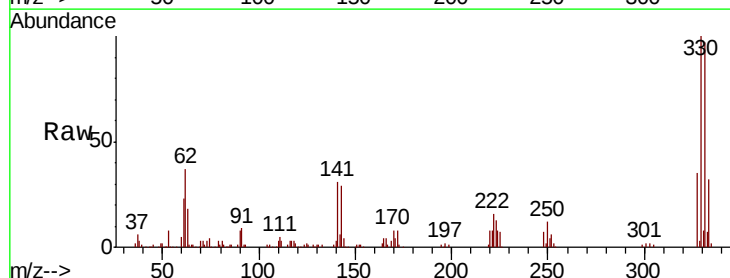
Instrument :
BNA_F
ClientSampleId :

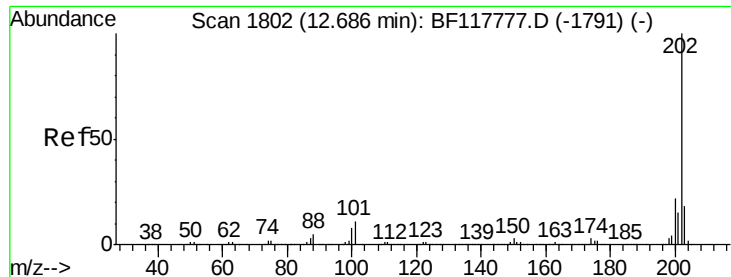
Tot Ion:188 Resp: 264039
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.6 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.500 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.24 min
Lab File: BF118031.D
Acq: 27 Nov 2019 6:26

Tgt Ion:248 Resp: 7121
Ion Ratio Lower Upper
248 100
250 180.1 76.6 115.0#
141 470.8 55.9 83.9#

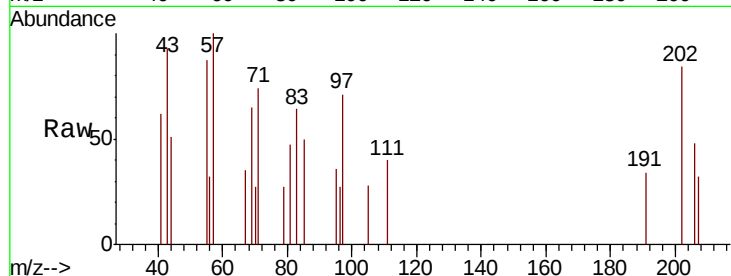




#75
Fluoranthene
Concen: Below Cal
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF118031.D
Acq: 27 Nov 2019 6:26

Instrument :
BNA_F
ClientSampled :

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

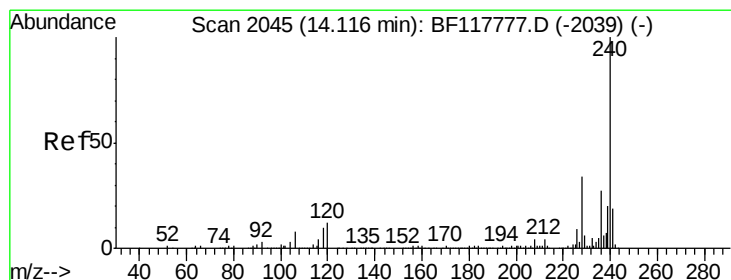
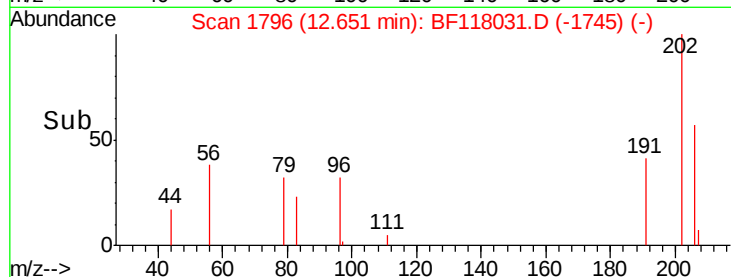
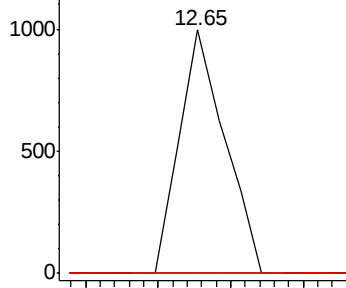


Abundance

Ion 202.00 (201.70 to 202.70): E

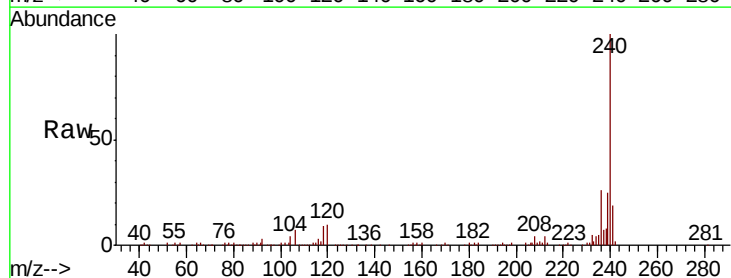
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF118031.D
Acq: 27 Nov 2019 6:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.3	21.3	31.9

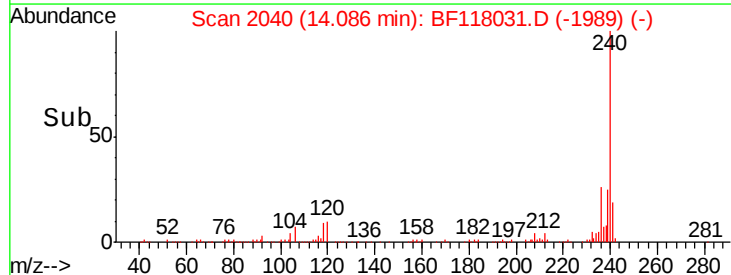
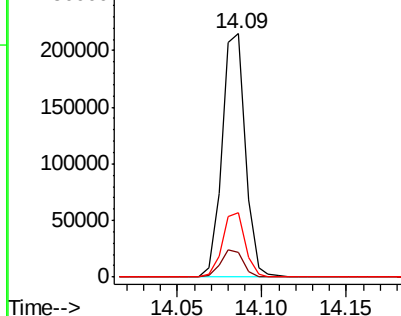


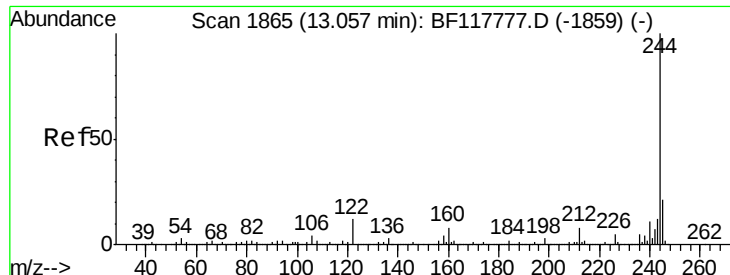
Abundance

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





#79

Terphenyl-d14

Concen: 68.438 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BF118031.D

Acq: 27 Nov 2019 6:26

Instrument :

BNA_F

ClientSampleId :

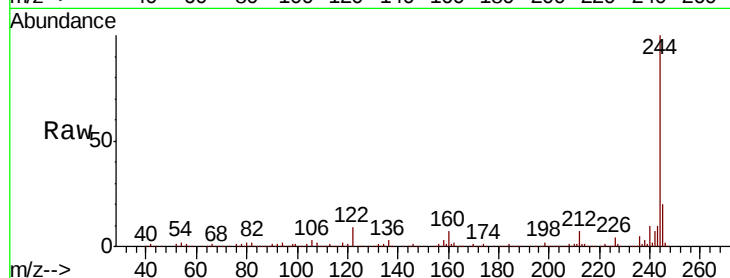
Tot Ion:244 Resp: 774058

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

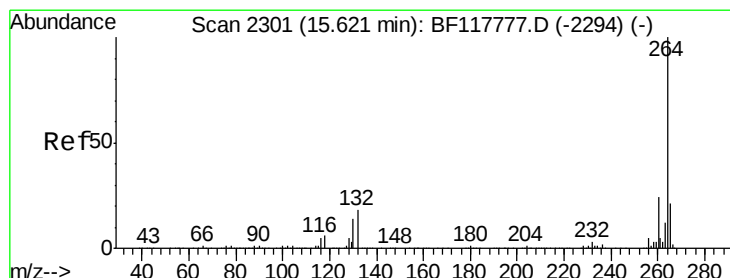
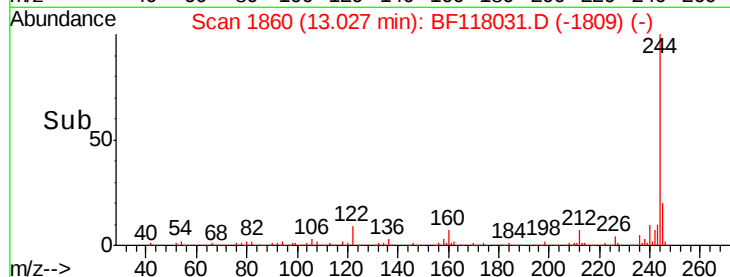
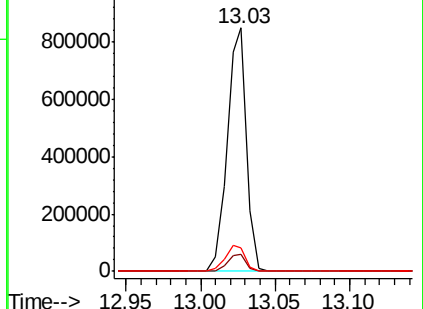
122 9.4 9.4 14.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF118031.D

Acq: 27 Nov 2019 6:26

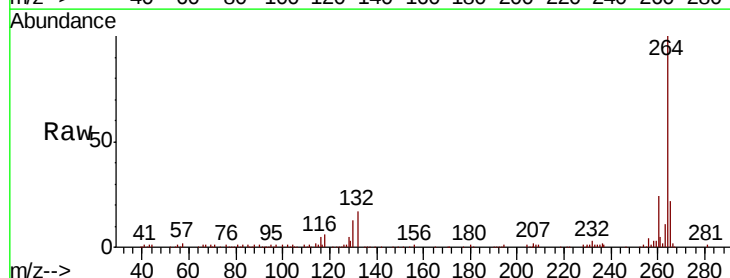
Tgt Ion:264 Resp: 164622

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 21.6 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

