

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118291.D
 Acq On : 19 Dec 2019 20:48
 Operator : JU
 Sample : K6359-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:14:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

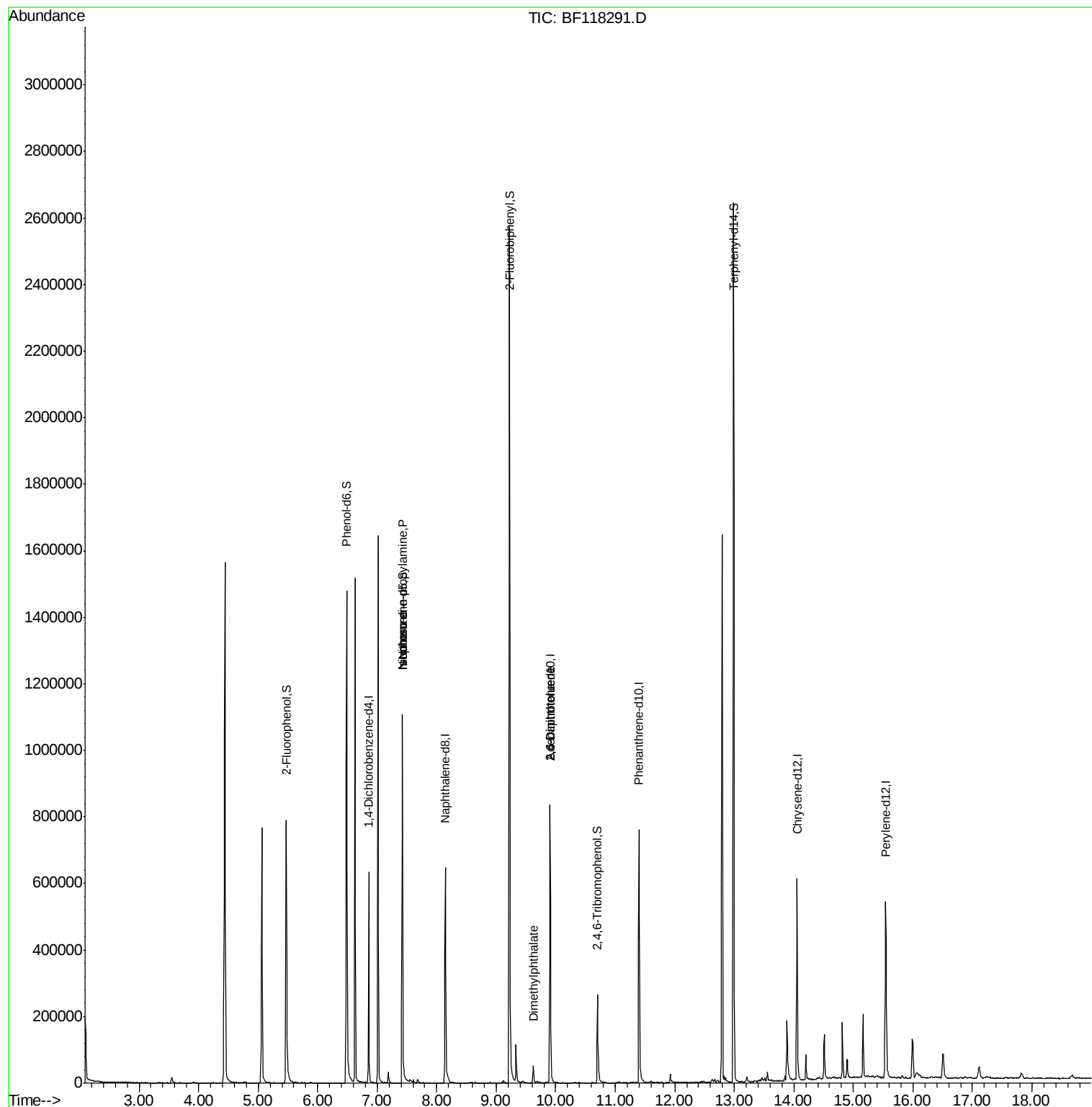
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	88901	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	338807	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	175912	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	325778	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	222982	20.00	ng	-0.02
87) Perylene-d12	15.54	264	227985	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	281513	55.46	ng	0.00
7) Phenol-d6	6.49	99	504620	82.19	ng	-0.01
23) Nitrobenzene-d5	7.42	82	354829	58.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	48708	22.79	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	773422	66.90	ng	-0.02
79) Terphenyl-d14	12.99	244	887040	68.41	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.49	77	729	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	48179	12.915	ng	# 78
25) Isophorone	7.42	82	354826	34.755	ng	# 62
50) Dimethylphthalate	9.62	163	33711	2.594	ng	# 96
51) 2,6-Dinitrotoluene	9.90	165	22088	7.818	ng	# 28
57) 2,4-Dinitrotoluene	9.90	165	22088	5.857	ng	# 26

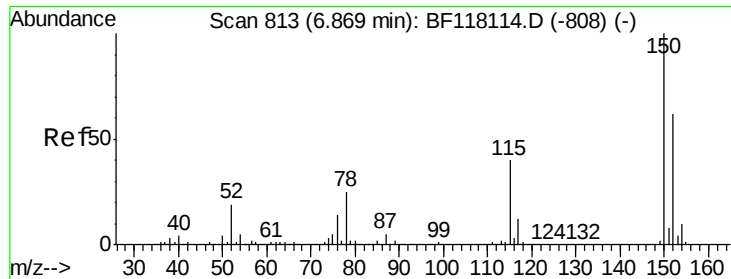
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF12191\
Data File : BF118291.D
Acq On : 19 Dec 2019 20:48
Operator : JU
Sample : K6359-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 20 02:14:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



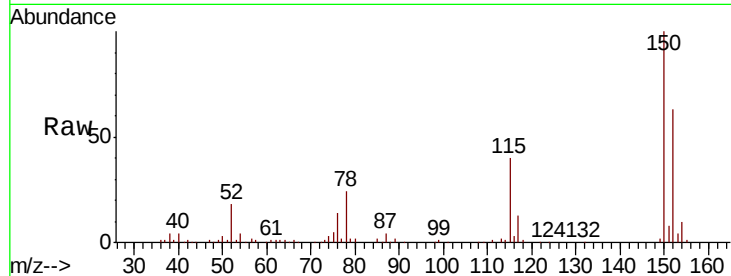


#1

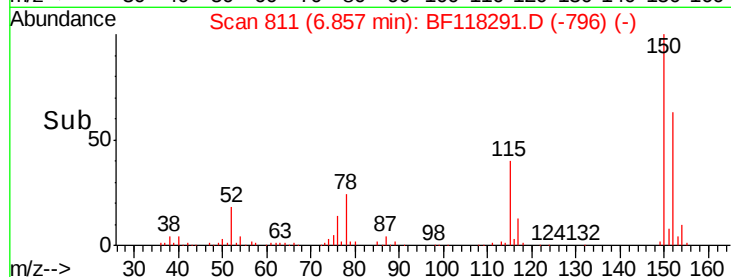
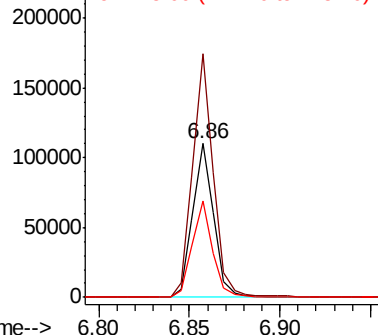
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118291.D
Acq: 19 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88901
Ion Ratio Lower Upper
152 100
150 158.3 128.3 192.5
115 62.7 51.1 76.7



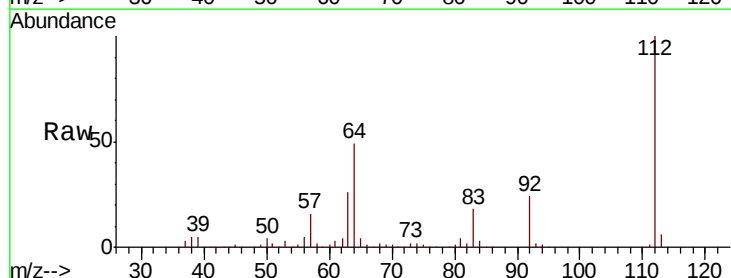
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



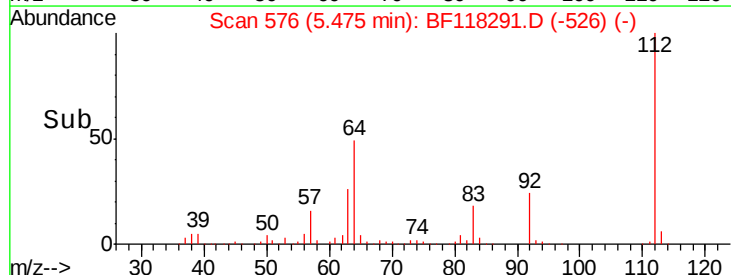
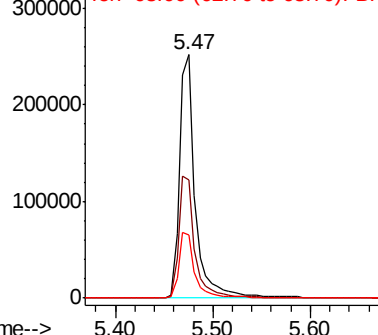
#5

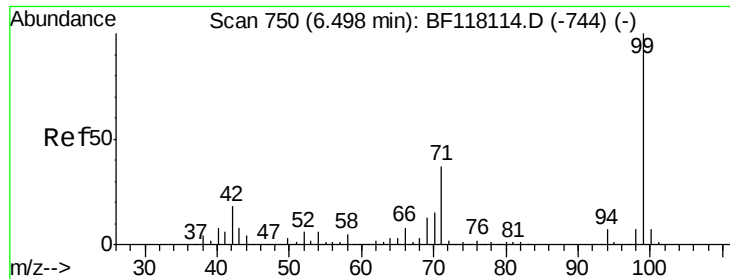
2-Fluorophenol
Concen: 55.462 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118291.D
Acq: 19 Dec 2019 20:48

Tgt Ion:112 Resp: 281513
Ion Ratio Lower Upper
112 100
64 48.6 41.3 61.9
63 26.1 22.4 33.6



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: 82.194 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118291.D

Acq: 19 Dec 2019 20:48

Instrument :

BNA_F

ClientSampleId :

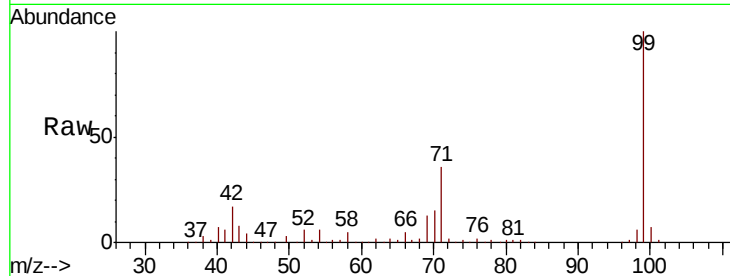
Tot Ion: 99 Resp: 504620

Ion Ratio Lower Upper

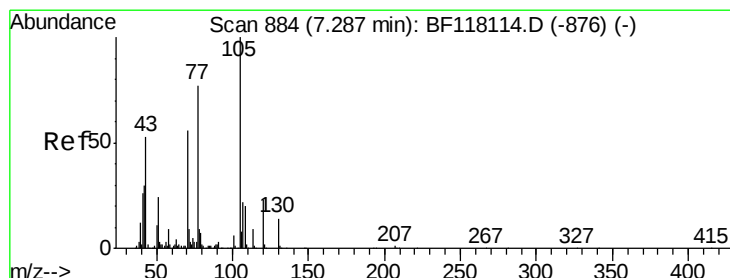
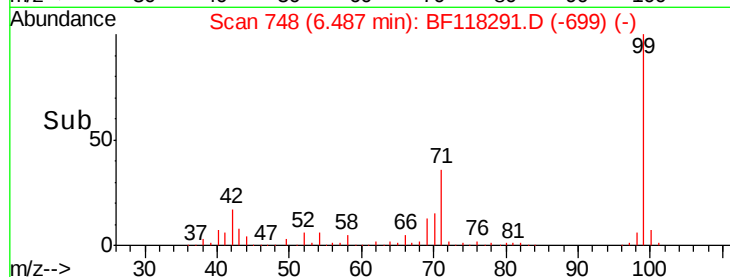
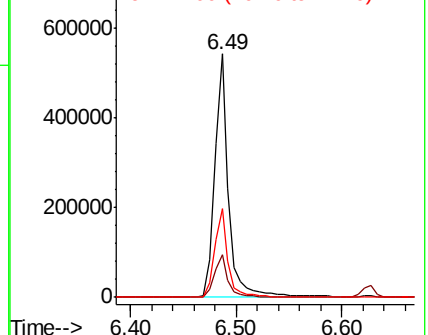
99 100

42 17.3 14.1 21.1

71 36.4 29.7 44.5



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: 12.915 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF118291.D

Acq: 19 Dec 2019 20:48

Tgt Ion: 70 Resp: 48179

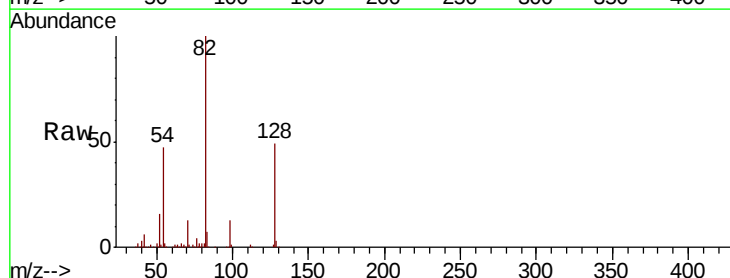
Ion Ratio Lower Upper

70 100

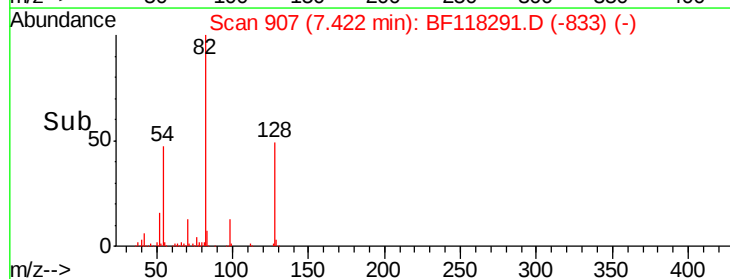
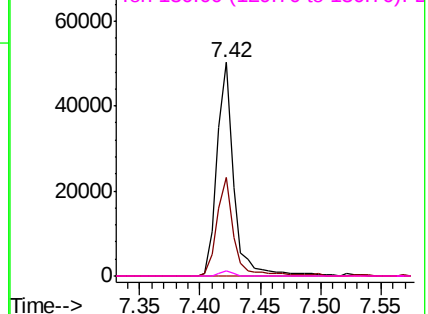
42 46.2 43.2 64.8

101 0.0 8.1 12.1#

130 2.3 19.8 29.8#



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): E
Ion 130.00 (129.70 to 130.70): E

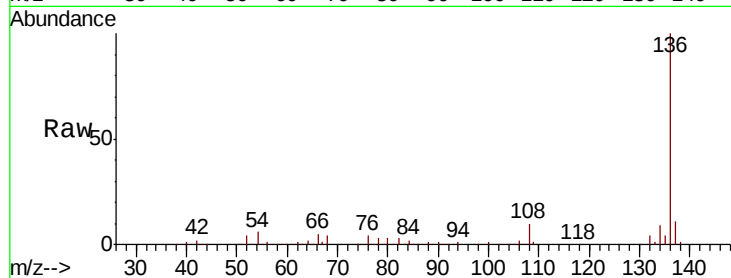




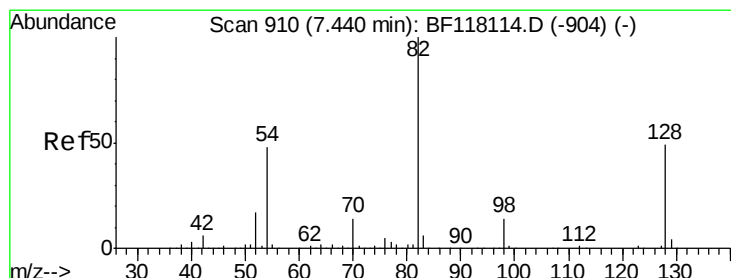
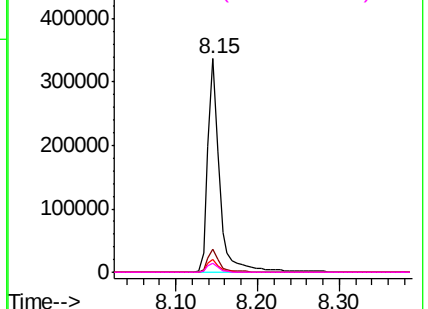
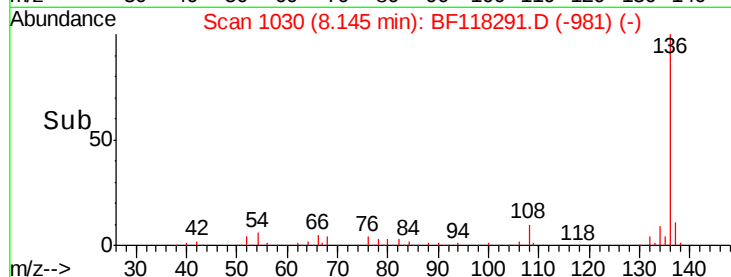
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118291.D
Acq: 19 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	338807
Ion Ratio	Lower	Upper
136 100		
137 10.7	9.0	13.6
54 5.8	5.0	7.6
68 4.5	3.8	5.8

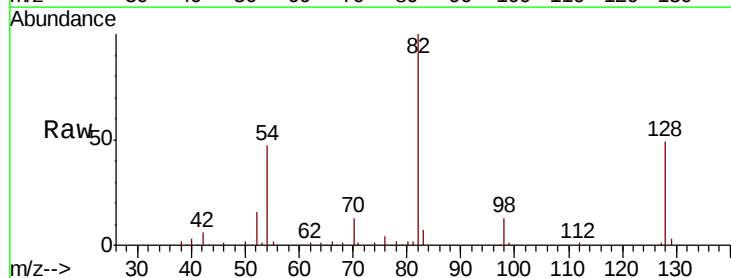


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

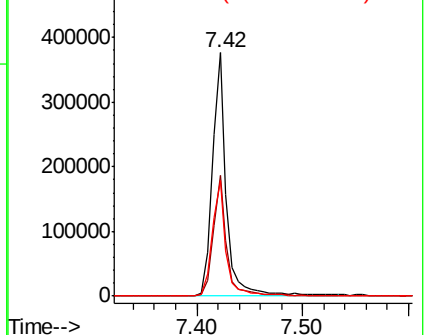
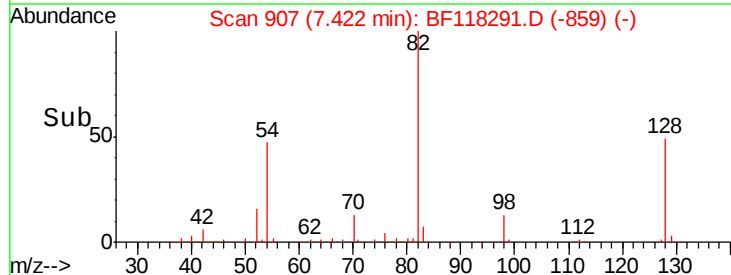


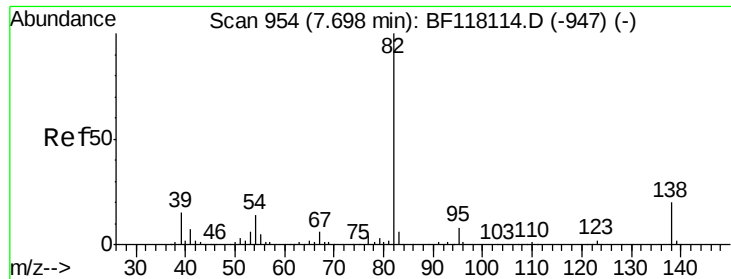
#23
Nitrobenzene-d5
Concen: 58.918 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118291.D
Acq: 19 Dec 2019 20:48

Tgt Ion: 82	Resp: 354829
Ion Ratio	Lower Upper
82 100	
128 49.3	39.1 58.7
54 47.4	38.2 57.2



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

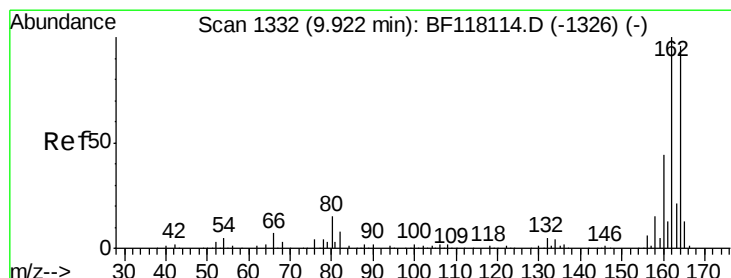
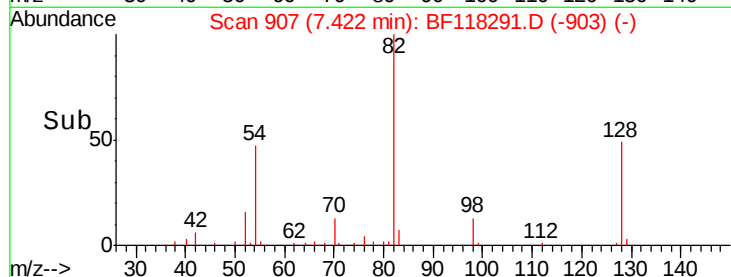
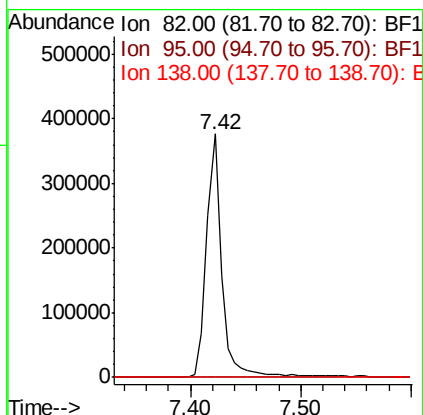
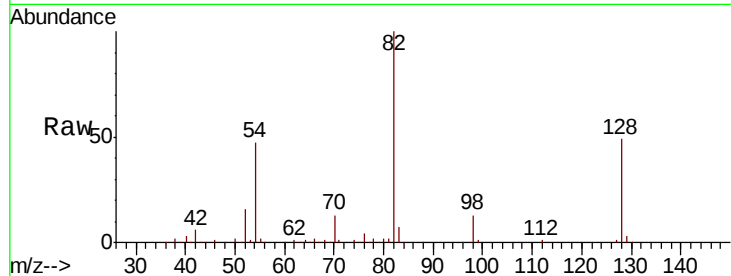




#25
Isophorone
Concen: 34.755 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118291.D
Acq: 19 Dec 2019 20:48

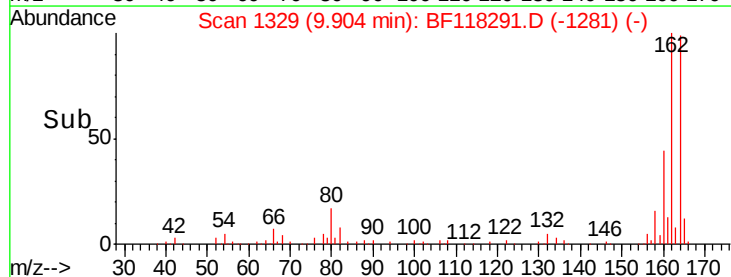
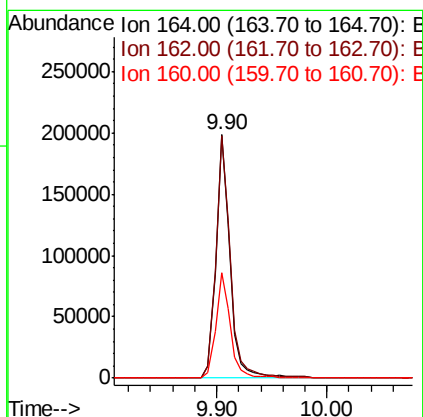
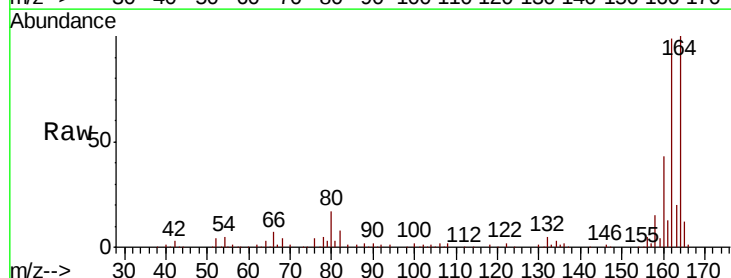
Instrument :
BNA_F
ClientSampled :

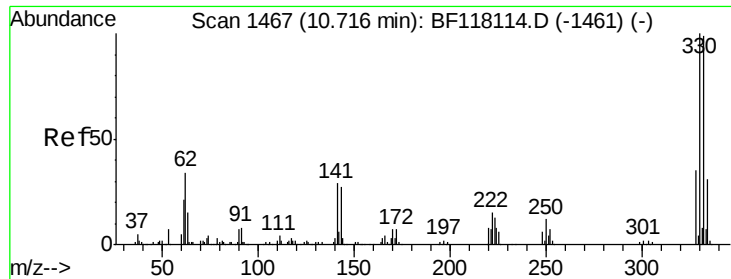
Tot Ion: 82 Resp: 354826
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.3 24.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118291.D
Acq: 19 Dec 2019 20:48

Tgt Ion: 164 Resp: 175912
Ion Ratio Lower Upper
164 100
162 99.5 83.4 125.0
160 43.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 22.793 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118291.D

Acq: 19 Dec 2019 20:48

Instrument :

BNA_F

ClientSampleId :

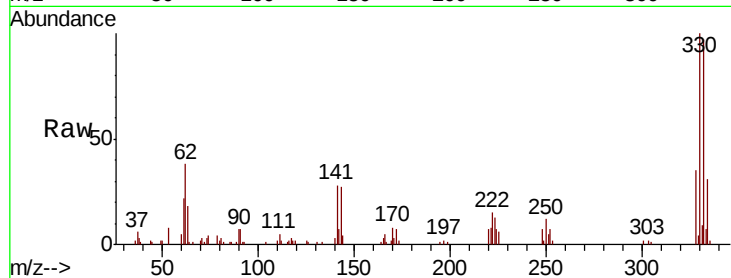
Tot Ion:330 Resp: 48708

Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

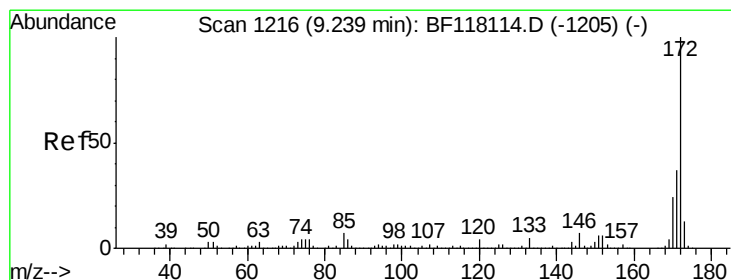
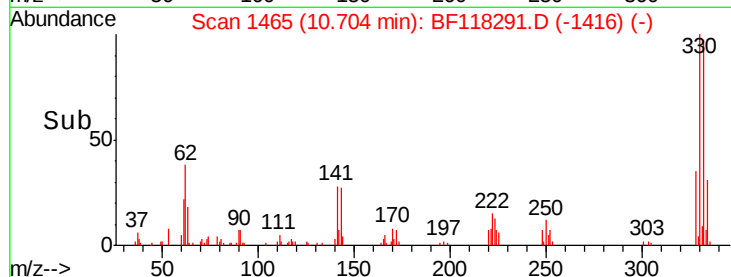
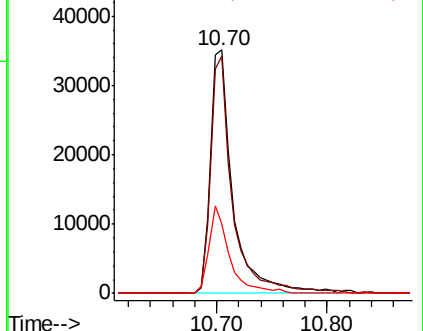
141 32.6 26.9 40.3



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: 66.901 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118291.D

Acq: 19 Dec 2019 20:48

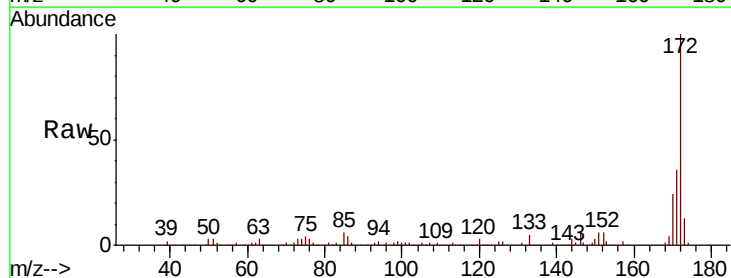
Tgt Ion:172 Resp: 773422

Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

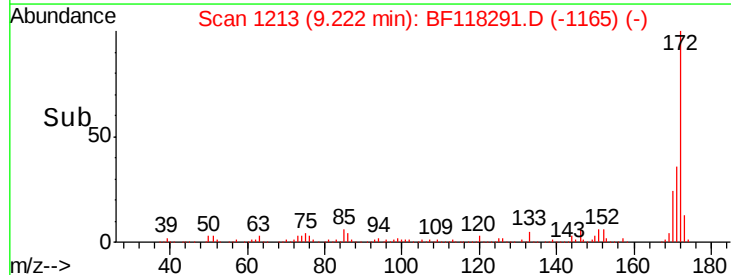
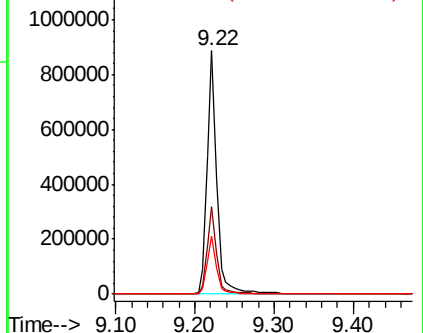
170 23.6 19.4 29.2

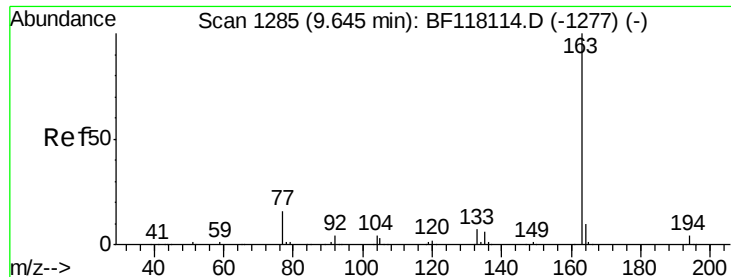


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.594 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118291.D

Acq: 19 Dec 2019 20:48

Instrument :

BNA_F

ClientSampleId :

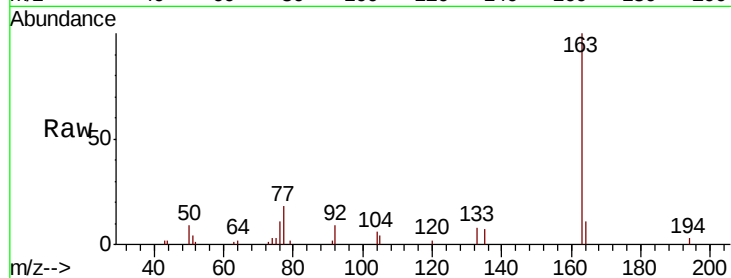
Tot Ion:163 Resp: 33711

Ion Ratio Lower Upper

163 100

194 2.8 3.1 4.7#

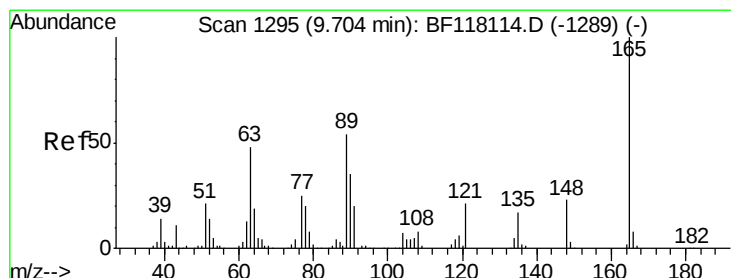
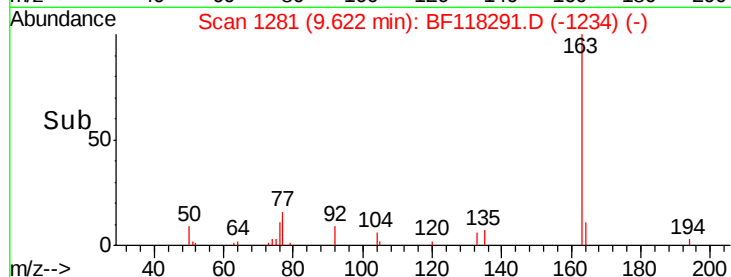
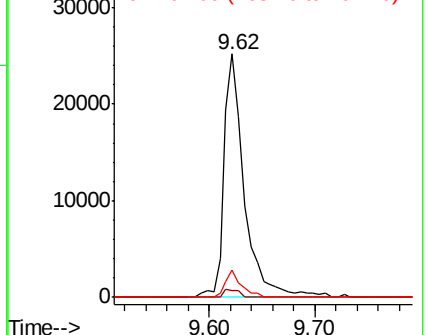
164 11.2 7.7 11.5



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: 7.818 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.20 min

Lab File: BF118291.D

Acq: 19 Dec 2019 20:48

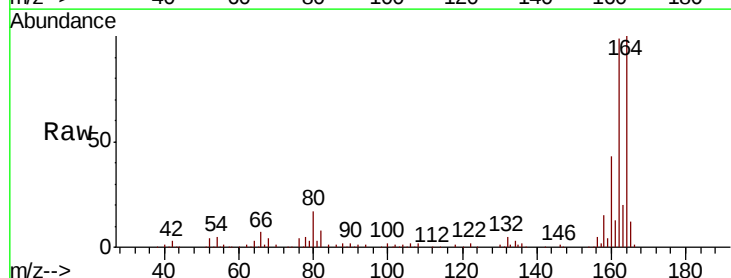
Tgt Ion:165 Resp: 22088

Ion Ratio Lower Upper

165 100

63 1.4 41.4 62.0#

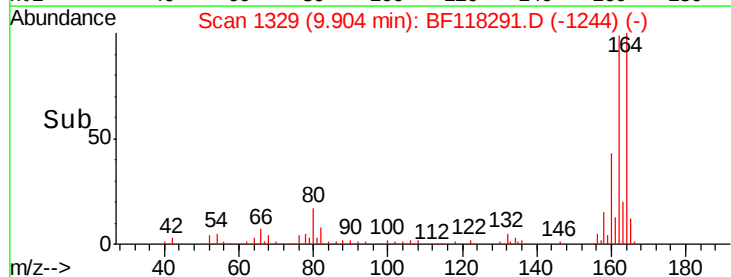
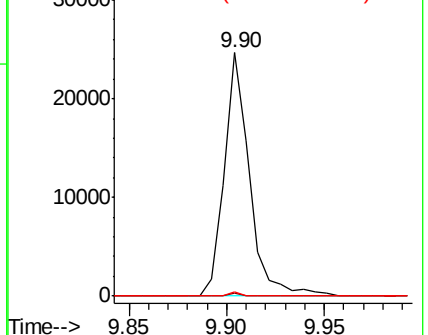
89 1.8 42.9 64.3#

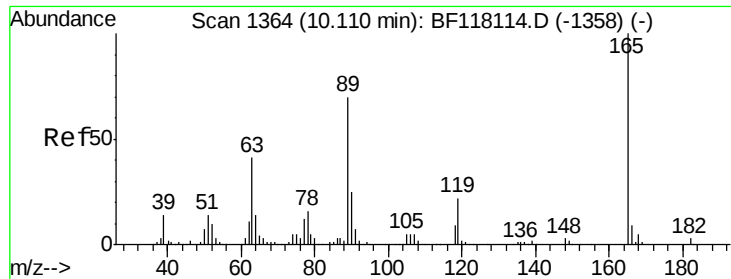


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

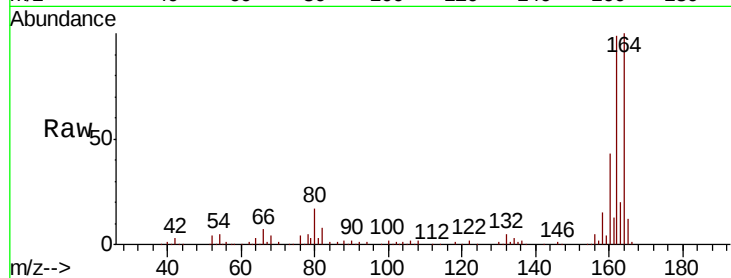




#57
2,4-Dinitrotoluene
Concen: 5.857 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF118291.D
Acq: 19 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.6	49.0#
89	1.8	56.1	84.1#
182	0.0	2.1	3.1#

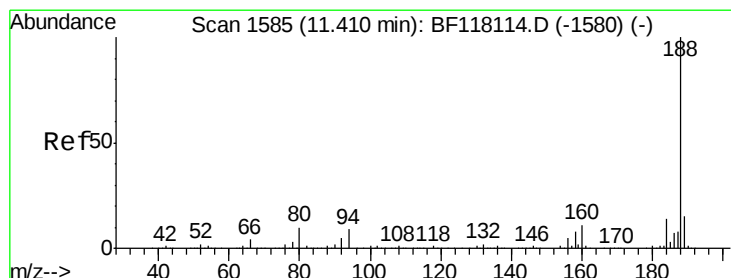
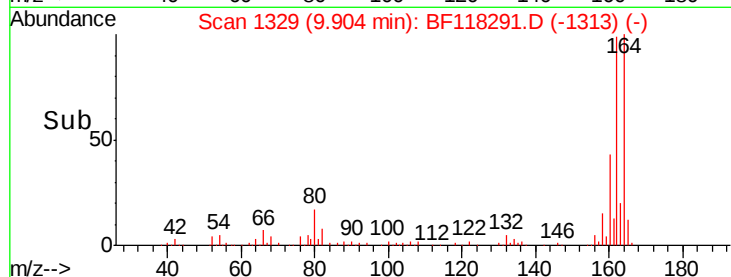
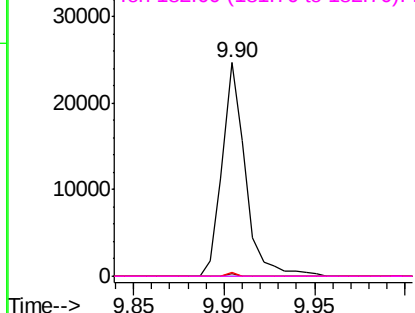


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

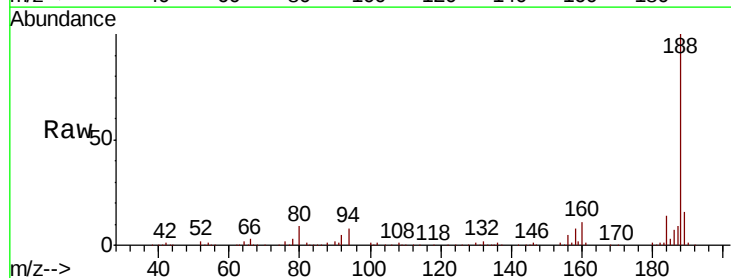
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118291.D
Acq: 19 Dec 2019 20:48

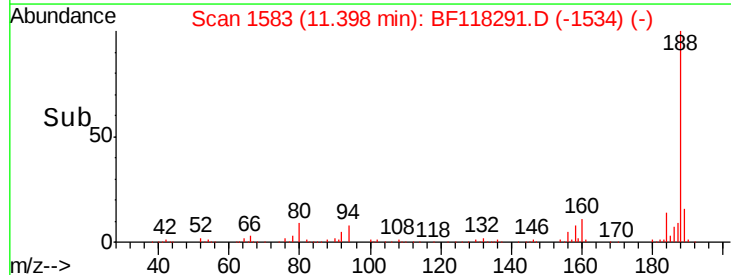
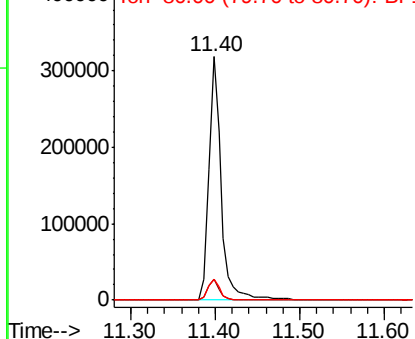
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.8	7.9	11.9

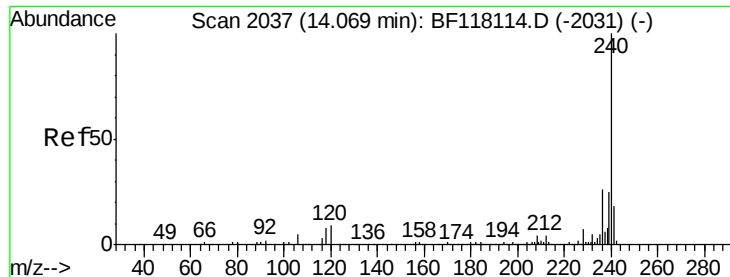


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF118291.D

Acq: 19 Dec 2019 20:48

Instrument :

BNA_F

ClientSampleId :

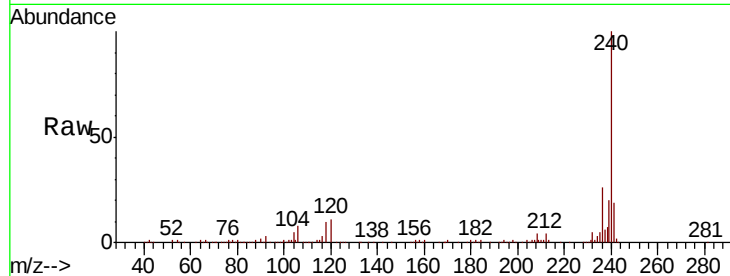
Tot Ion:240 Resp: 222982

Ion Ratio Lower Upper

240 100

120 10.6 7.1 10.7

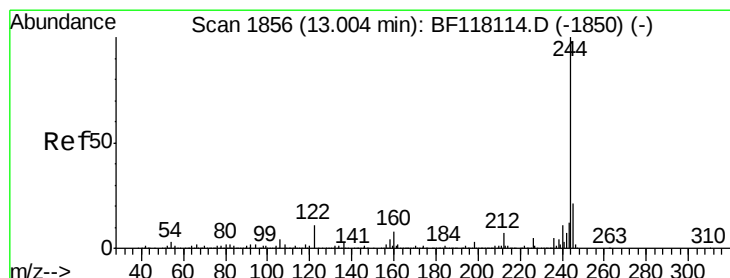
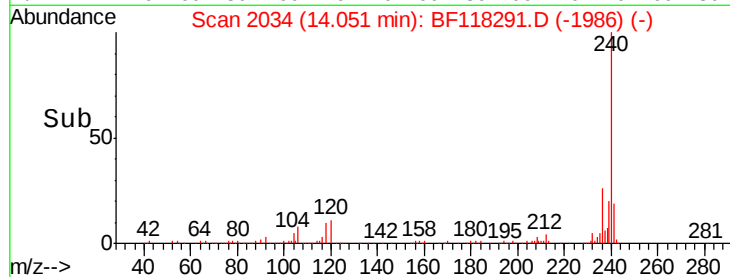
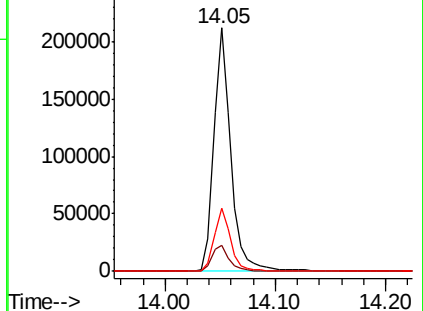
236 26.1 21.0 31.6



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: 68.408 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BF118291.D

Acq: 19 Dec 2019 20:48

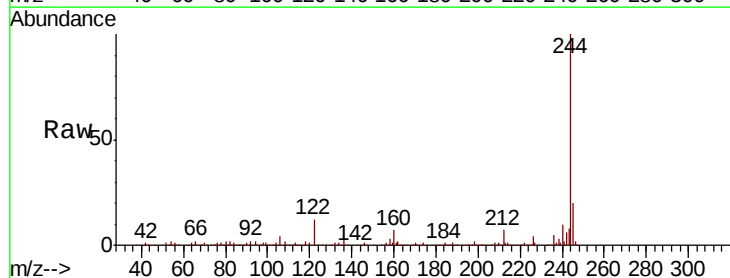
Tgt Ion:244 Resp: 887040

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

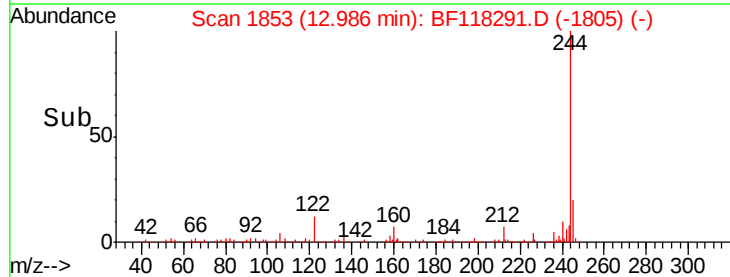
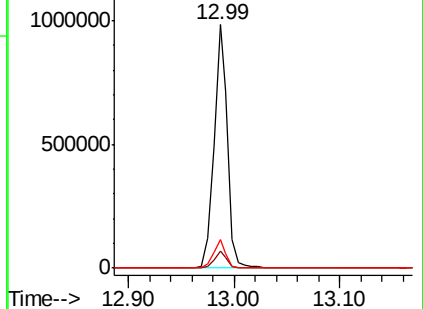
122 11.8 9.0 13.6

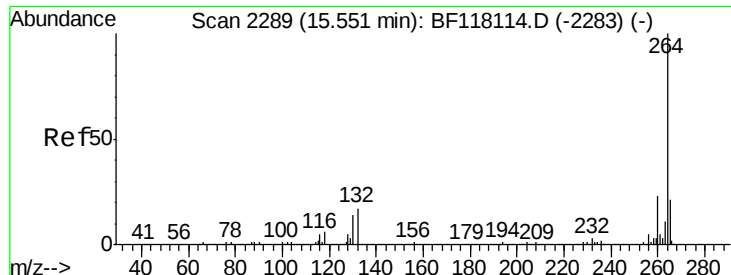


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF118291.D
 Acq: 19 Dec 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.0	16.8	25.2

