

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118847.D
 Acq On : 7 Feb 2020 13:40
 Operator : CG/JU
 Sample : L1431-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 03:35:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

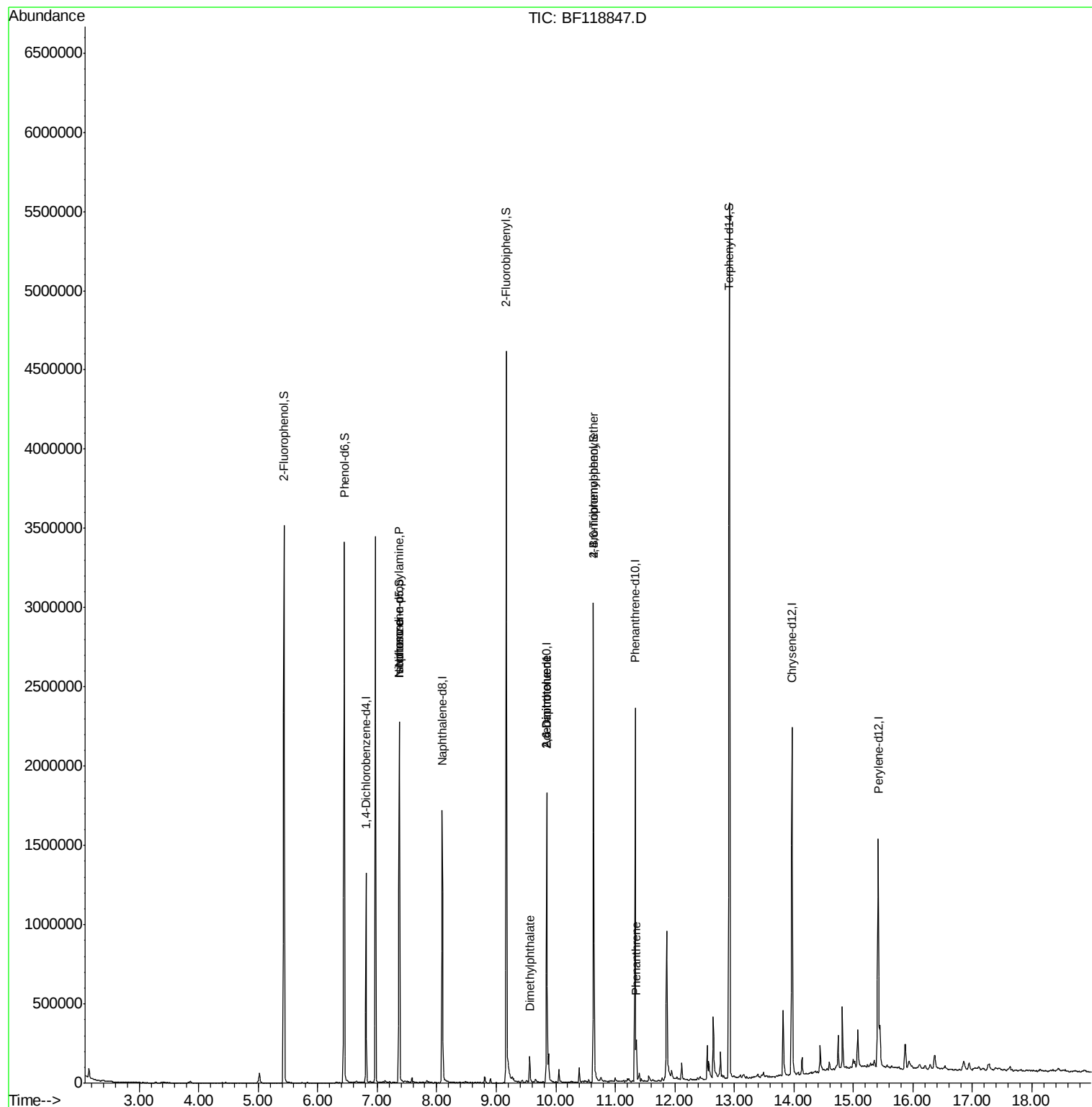
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	207028	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	781835	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	453913	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	891198	20.00	ng	0.00
76) Chrysene-d12	13.97	240	733551	20.00	ng	-0.01
87) Perylene-d12	15.42	264	737808	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	997139	91.17	ng	0.00
7) Phenol-d6	6.45	99	1181684	87.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	768187	58.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	480258	88.43	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1582762	62.34	ng	-0.01
79) Terphenyl-d14	12.92	244	2138614	59.88	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.37	77	132	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	103234	12.427 ng	#	1
25) Isophorone	7.37	82	768182	32.586 ng	#	77
50) Dimethylphthalate	9.56	163	77506	2.508 ng	#	63
51) 2,6-Dinitrotoluene	9.85	165	58725	8.304 ng	#	98
57) 2,4-Dinitrotoluene	9.85	165	59170	6.322 ng	#	30
67) 4-Bromophenyl-phenylether	10.63	248	30711	2.913 ng	#	34
71) Phenanthrene	11.36	178	94530	2.156 ng	#	1
						95

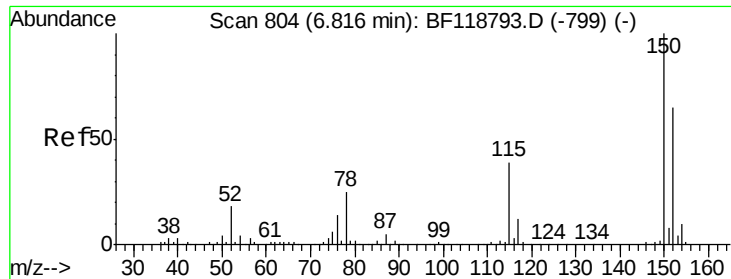
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



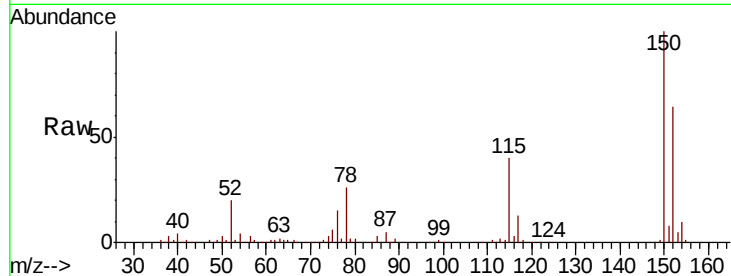


#1

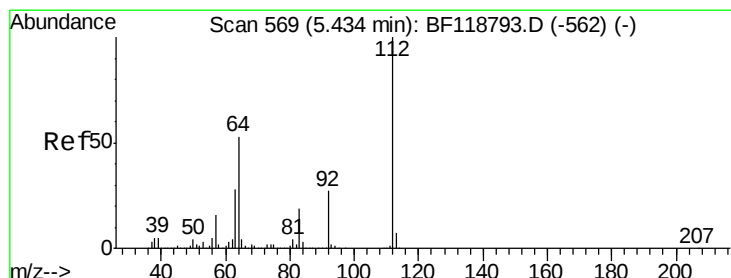
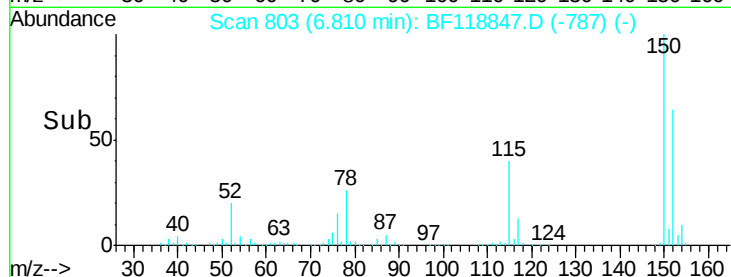
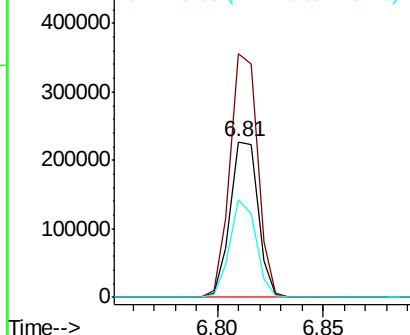
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.6	185.4
115	62.8	48.2	72.2



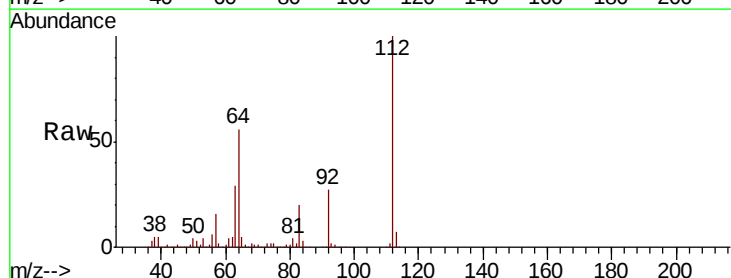
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



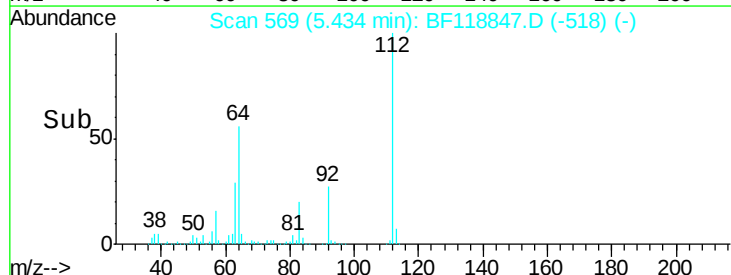
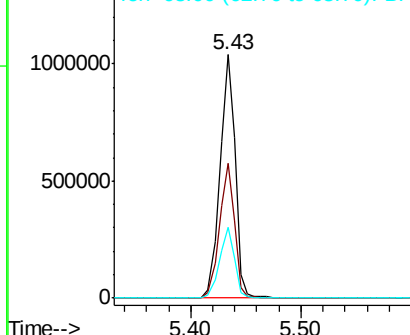
#5

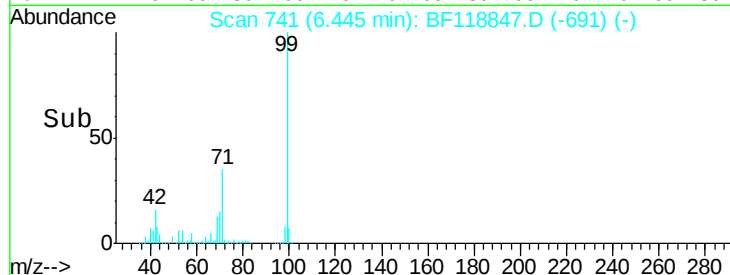
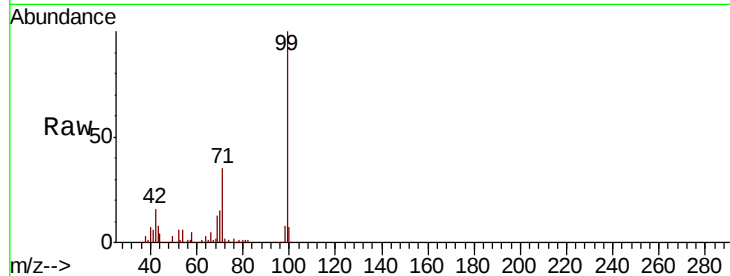
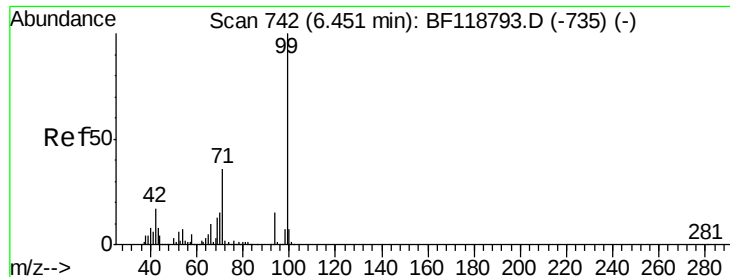
2-Fluorophenol
Concen: 91.172 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	42.6	63.8
63	29.3	22.2	33.4



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: 87.038 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

Instrument :

BNA_F

ClientSampleId :

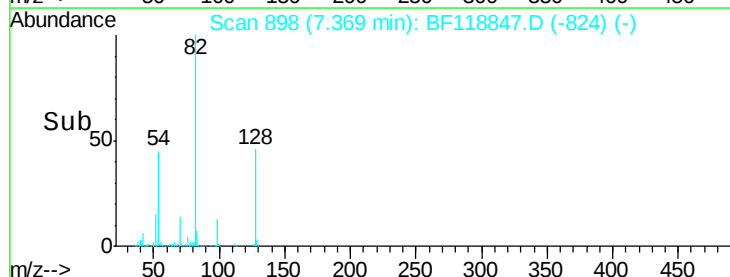
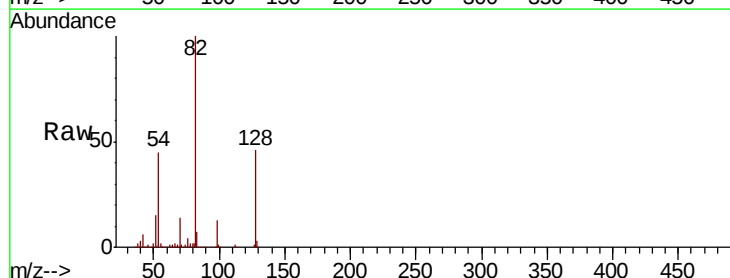
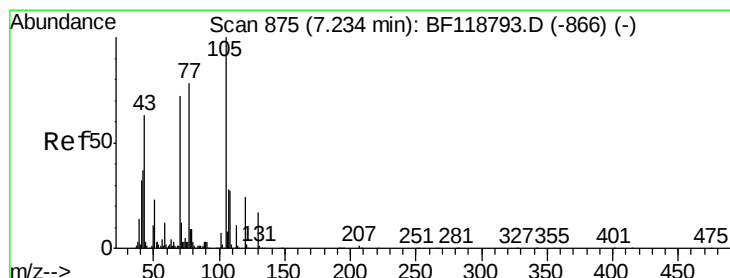
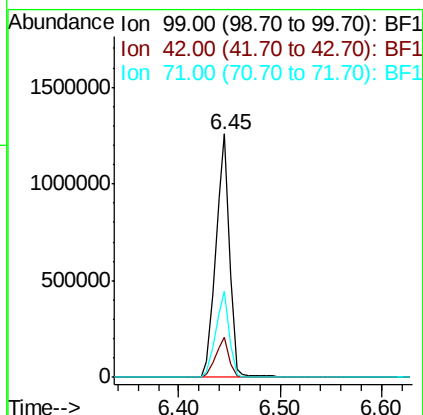
Tot Ion: 99 Resp: 1181684

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.0

71 35.2 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.427 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

Tgt Ion: 70 Resp: 103234

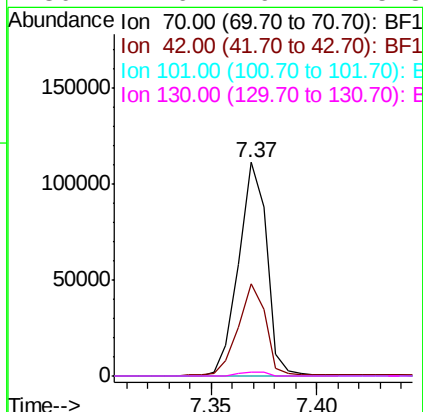
Ion Ratio Lower Upper

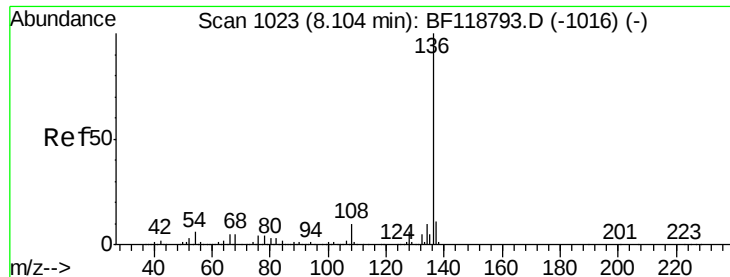
70 100

42 43.4 41.5 62.3

101 0.0 8.3 12.5#

130 1.6 19.2 28.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 781835

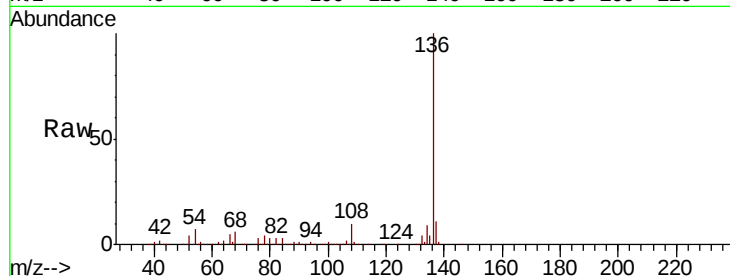
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 6.9 5.0 7.6

68 5.8 4.2 6.4

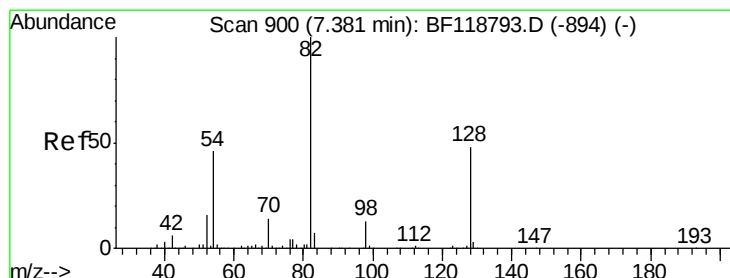
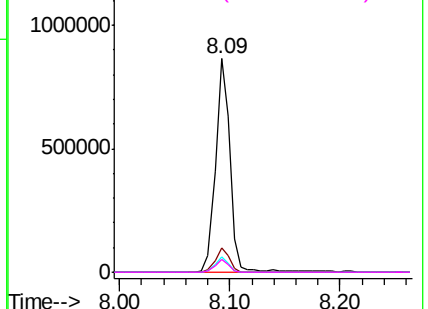
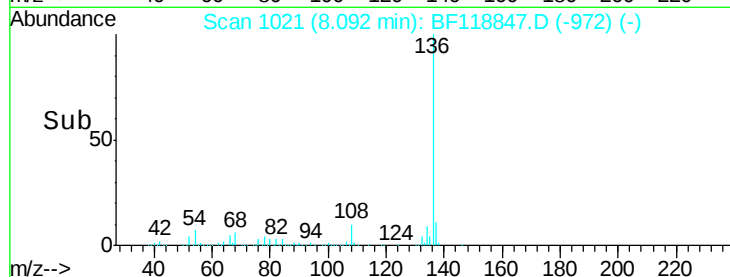


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 58.564 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

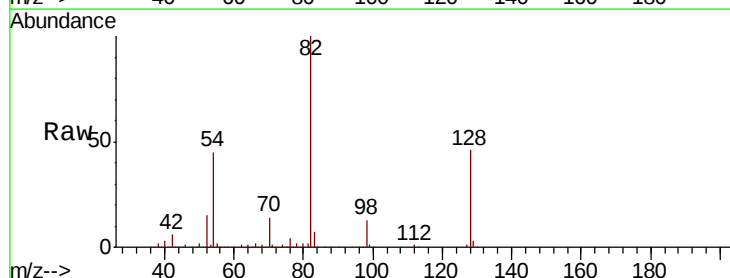
Tgt Ion: 82 Resp: 768187

Ion Ratio Lower Upper

82 100

128 46.3 38.5 57.7

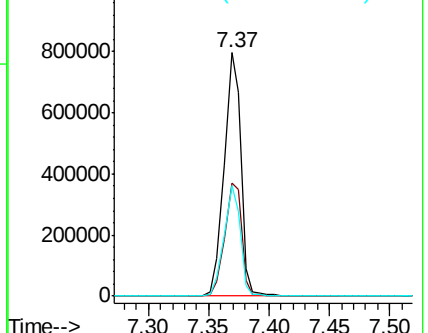
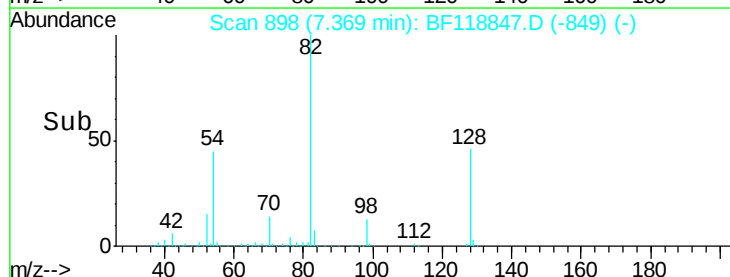
54 45.1 36.7 55.1

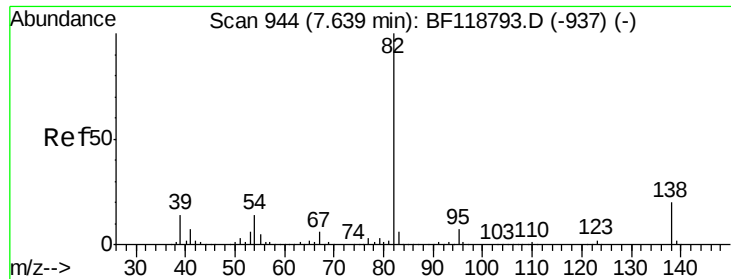


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

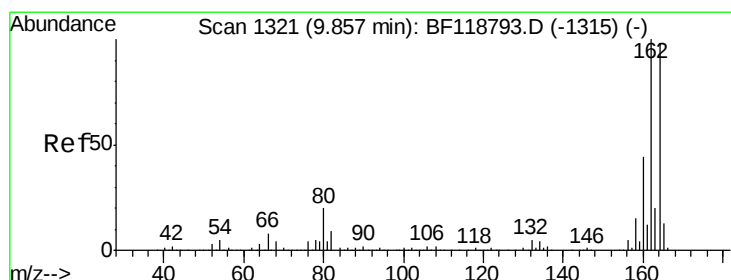
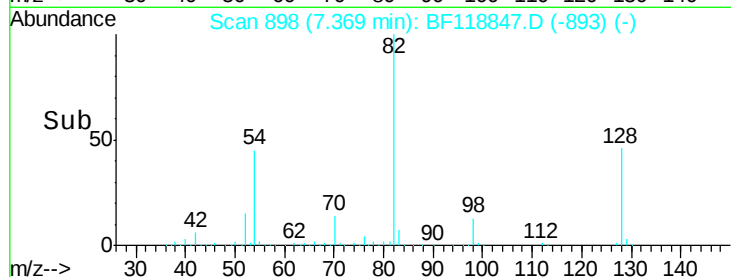
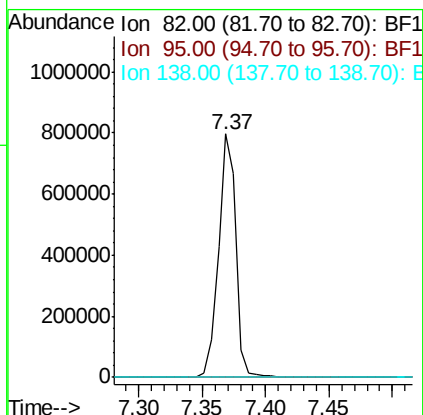
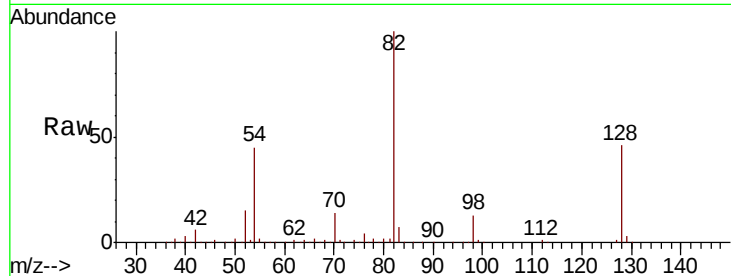




#25
Isophorone
Concen: 32.586 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

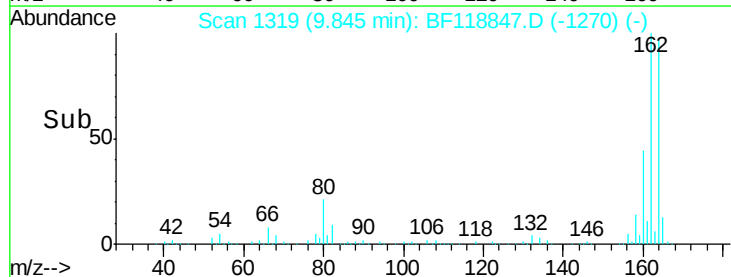
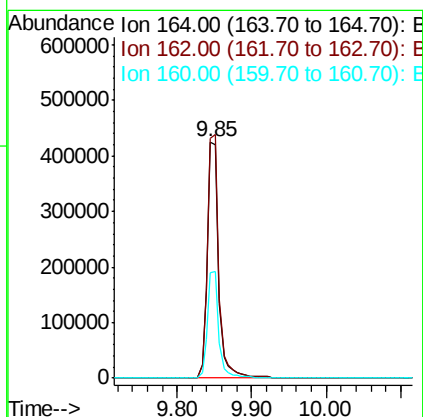
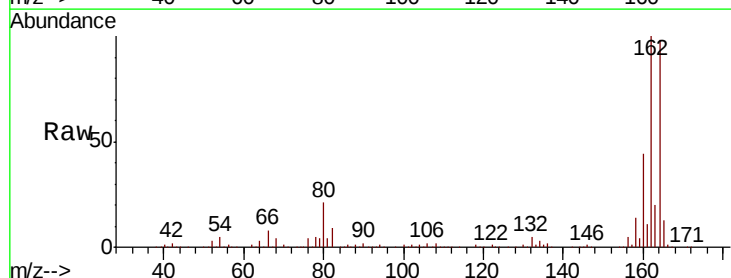
Instrument :
BNA_F
ClientSampleId :

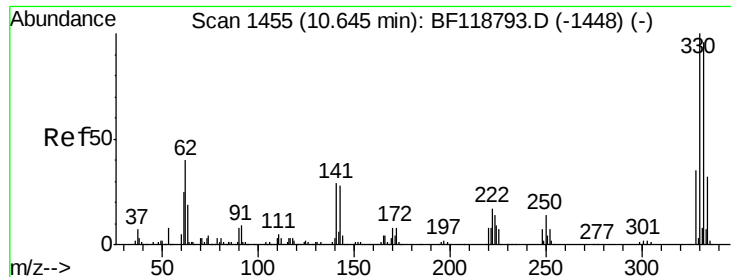
Tot Ion: 82 Resp: 768182
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

Tgt Ion: 164 Resp: 453913
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.2
160 44.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 88.426 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

Instrument :

BNA_F

ClientSampleId :

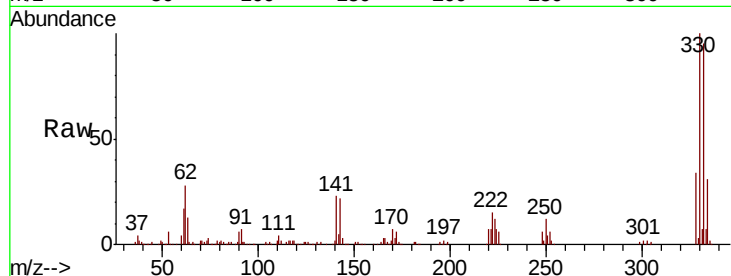
Tot Ion:330 Resp: 480258

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

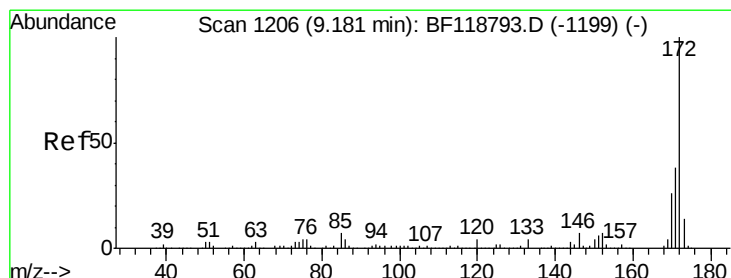
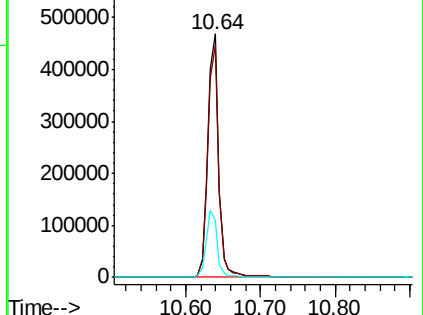
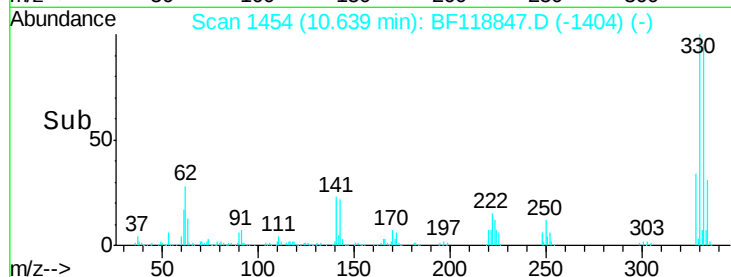
141 28.2 22.4 33.6



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: 62.336 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

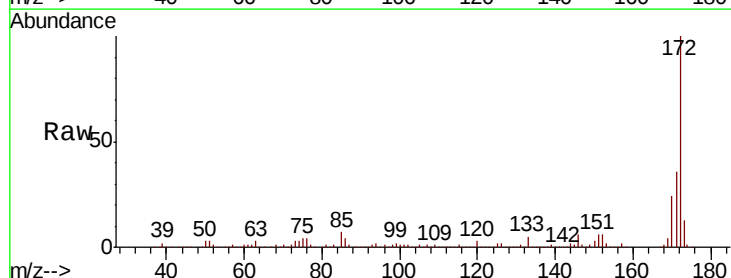
Tgt Ion:172 Resp: 1582762

Ion Ratio Lower Upper

172 100

171 36.4 30.8 46.2

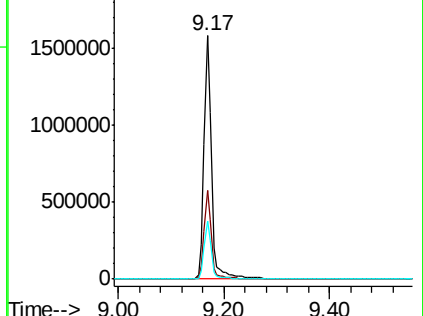
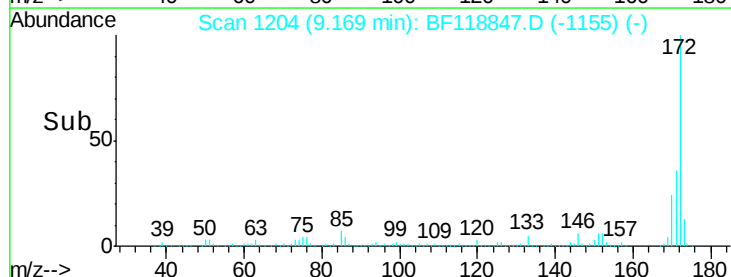
170 23.9 20.5 30.7

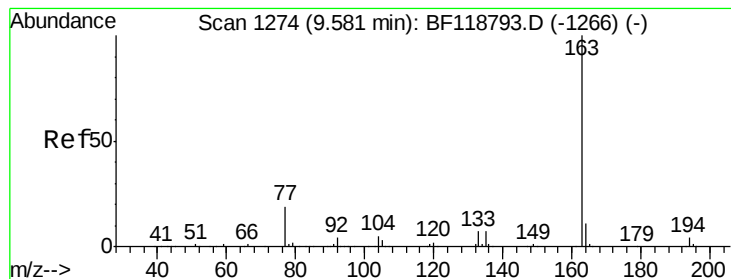


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.508 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

Instrument :

BNA_F

ClientSampled :

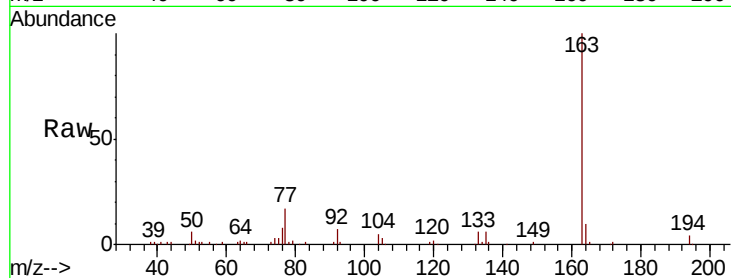
Tot Ion:163 Resp: 77506

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 9.7 8.7 13.1



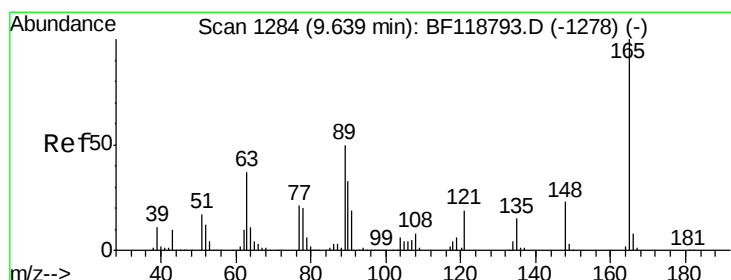
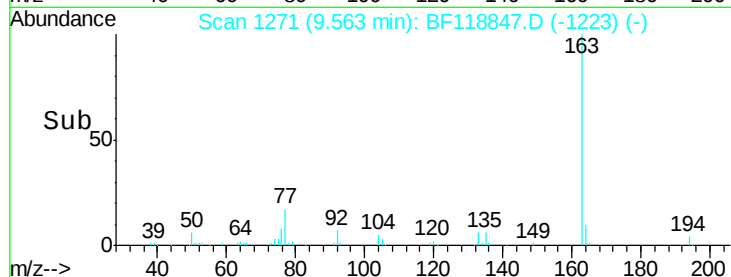
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.56

Time-->



#51

2,6-Dinitrotoluene

Concen: 8.304 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

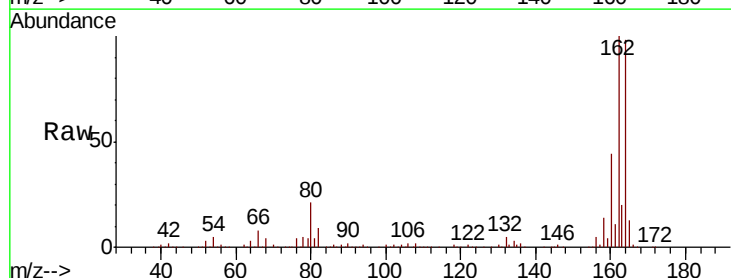
Tgt Ion:165 Resp: 58725

Ion Ratio Lower Upper

165 100

63 1.0 37.4 56.0#

89 1.1 39.7 59.5#



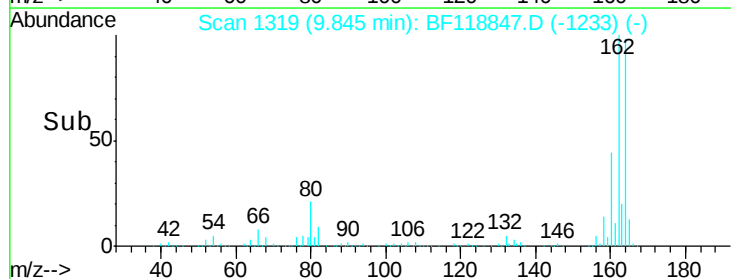
Abundance Ion 165.00 (164.70 to 165.70): E

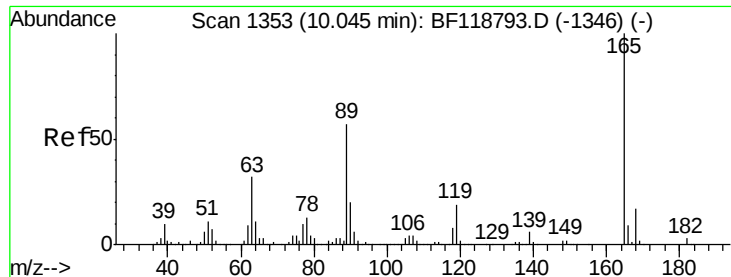
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.85

Time-->

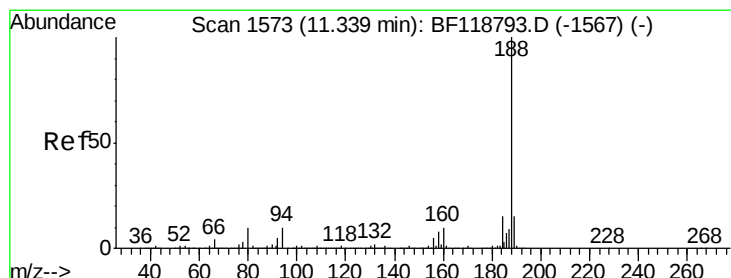
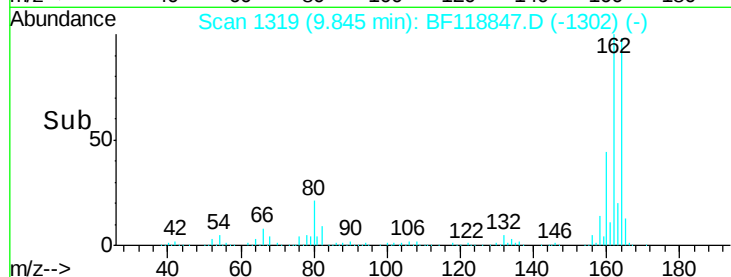
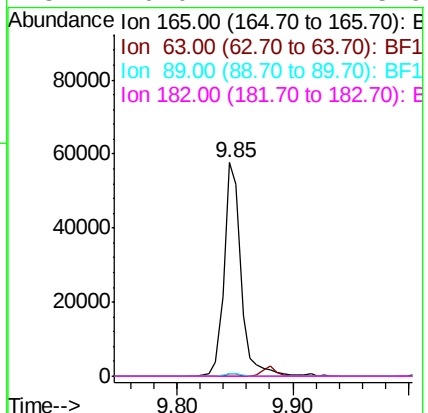
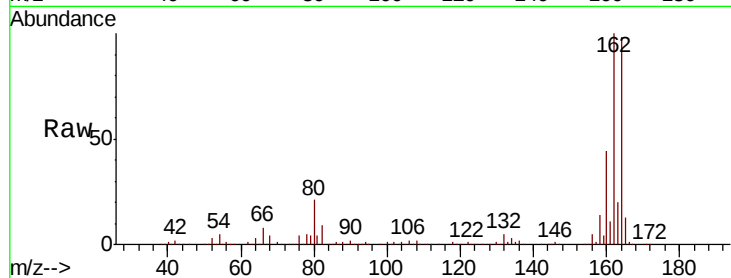




#57
2,4-Dinitrotoluene
Concen: 6.322 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

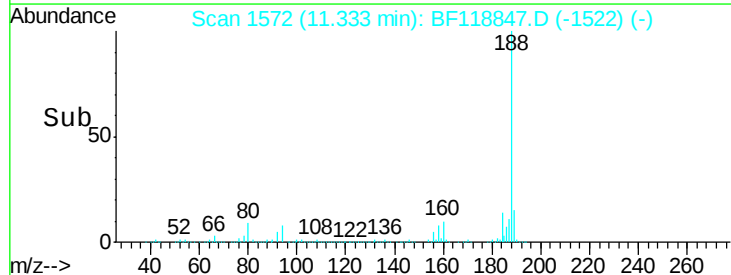
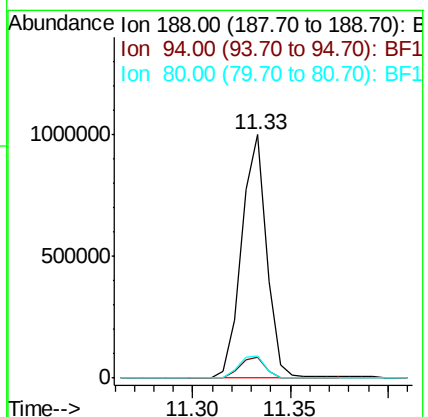
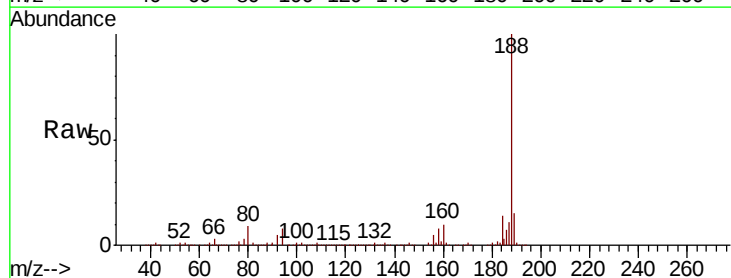
Instrument :
BNA_F
ClientSampleId :

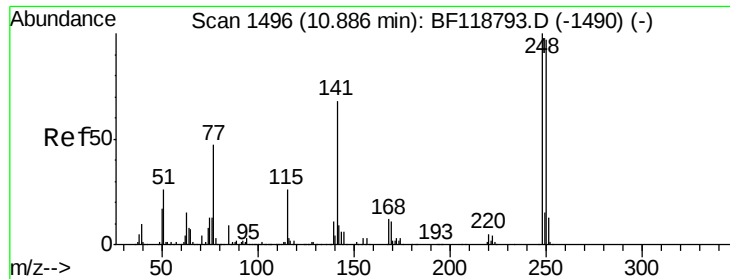
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.5	38.3#
89	1.1	45.4	68.0#
182	0.0	2.4	3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.9	11.9
80	8.9	8.4	12.6

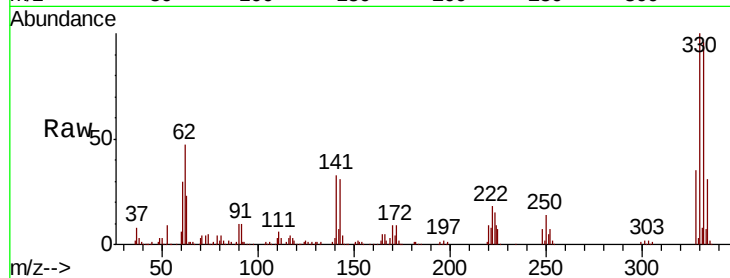




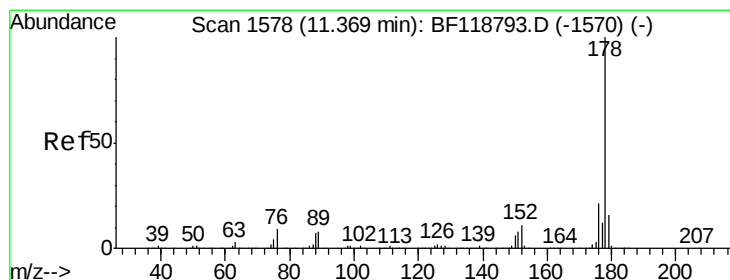
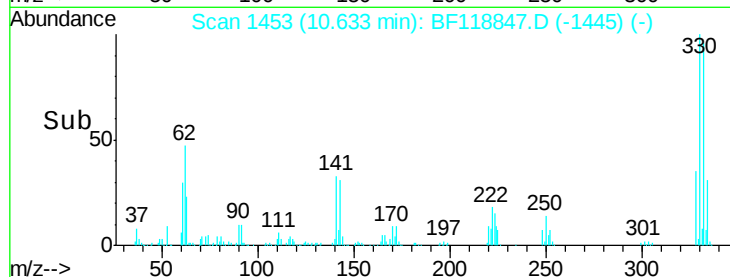
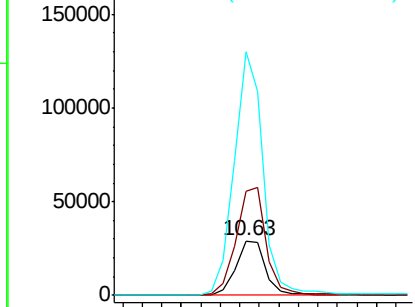
#67
4-Bromophenyl-phenylether
Concen: 2.913 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 30711
Ion Ratio Lower Upper
248 100
250 190.6 77.6 116.4#
141 444.8 54.4 81.6#

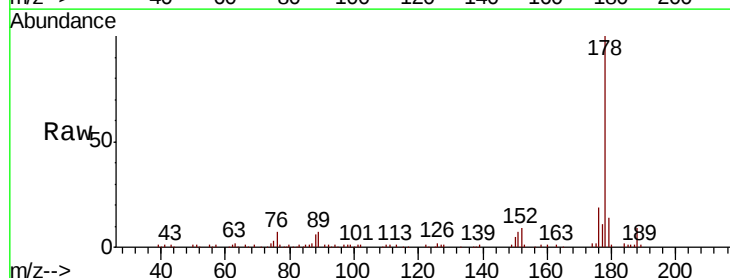


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

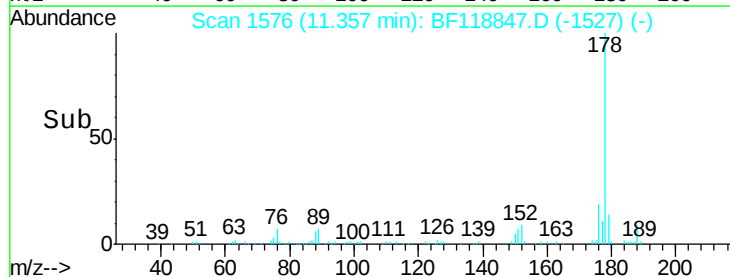
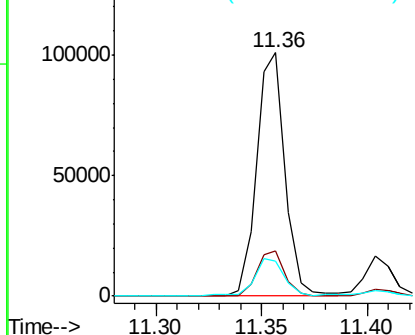


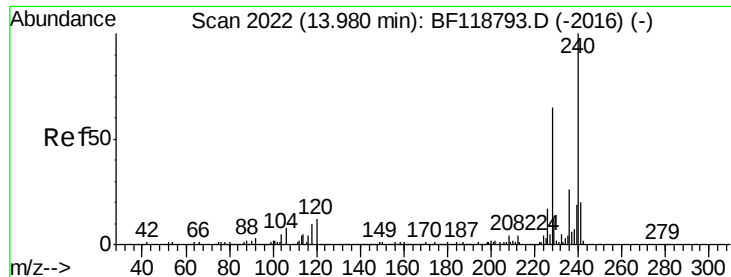
#71
Phenanthrene
Concen: 2.156 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

Tgt Ion:178 Resp: 94530
Ion Ratio Lower Upper
178 100
176 18.6 16.6 24.8
179 14.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

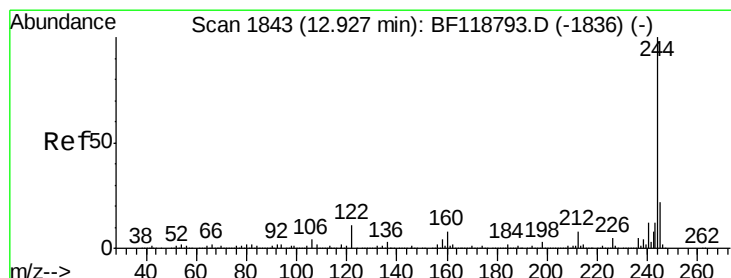
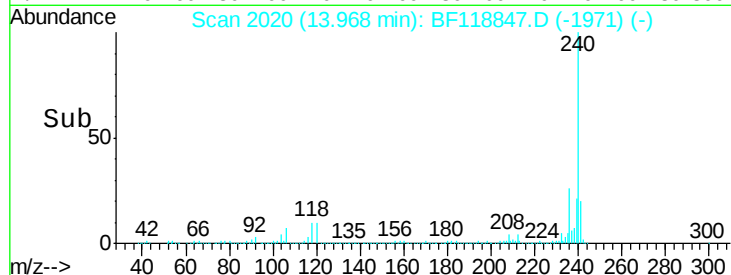
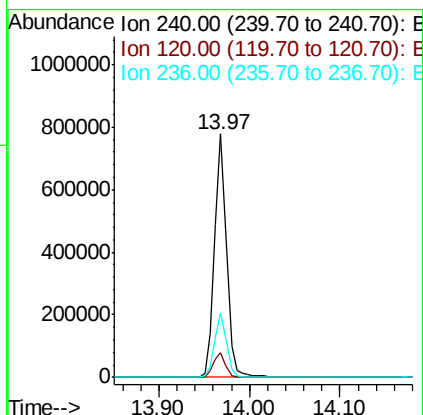
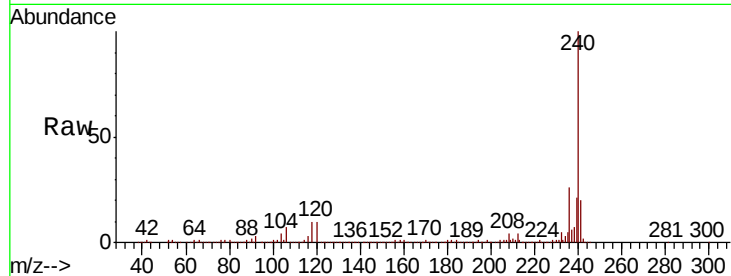




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF118847.D
 Acq: 7 Feb 2020 13:40

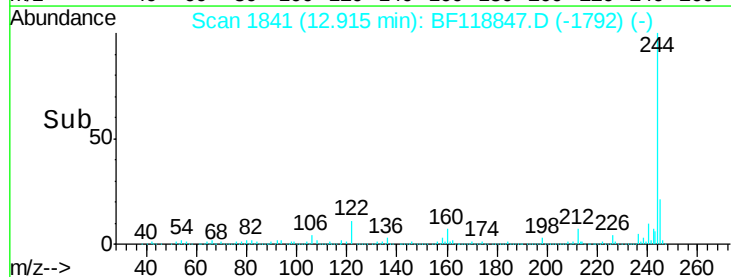
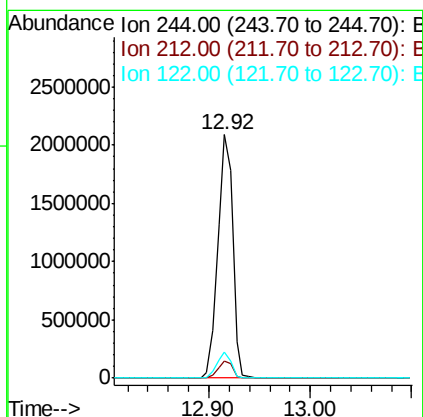
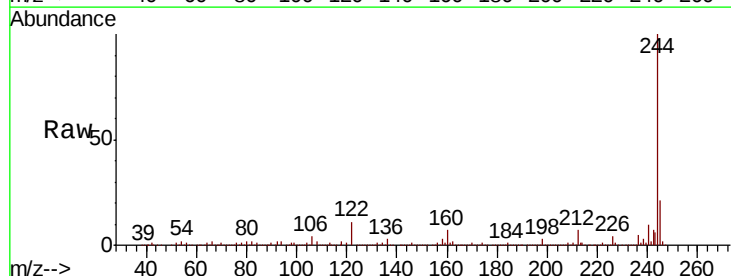
Instrument :
 BNA_F
 ClientSampleId :

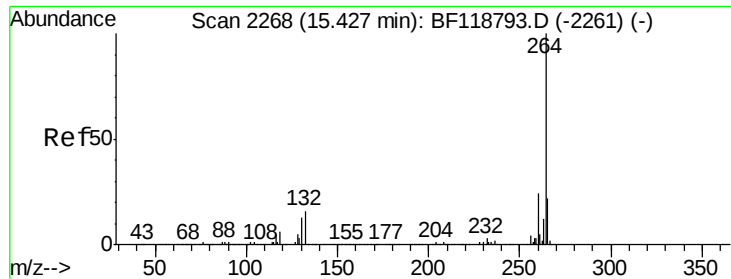
Tot Ion:240 Resp: 733551
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.4 14.0
 236 26.4 21.0 31.6



#79
 Terphenyl-d14
 Concen: 59.884 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118847.D
 Acq: 7 Feb 2020 13:40

Tgt Ion:244 Resp: 2138614
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 10.9 8.9 13.3

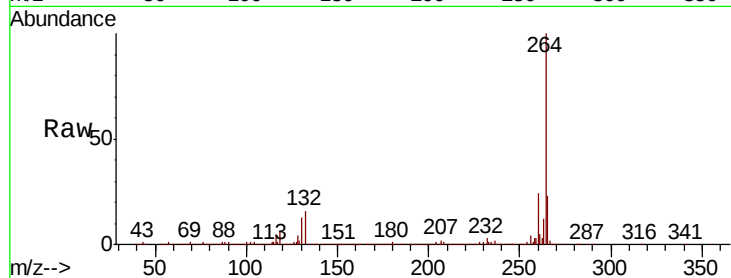




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.7	17.2	25.8



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

