

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118806.D
 Acq On : 4 Feb 2020 17:30
 Operator : CG/JU
 Sample : L1360-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

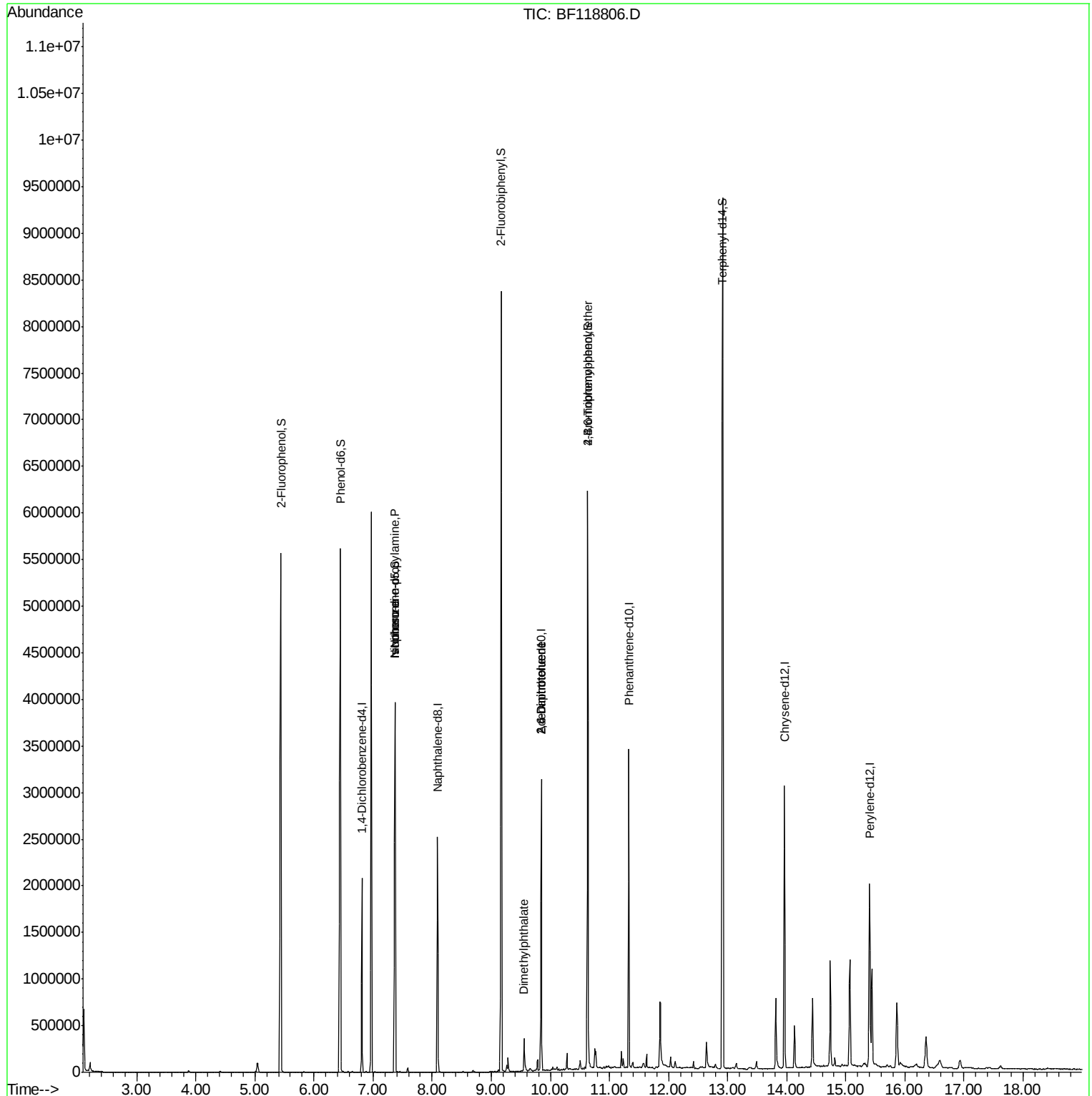
Quant Time: Feb 05 06:31:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

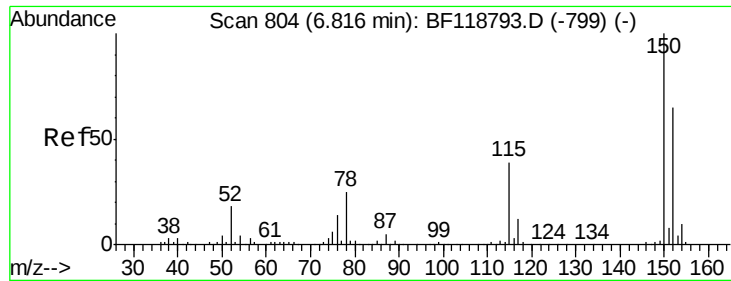
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	292988	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1112165	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	639988	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1216971	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	998331	20.00	ng	-0.02
87) Perylene-d12	15.40	264	932190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1812387	117.09	ng	0.00
7) Phenol-d6	6.45	99	2213584	115.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	1459392	78.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	896111	117.02	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2918361	81.52	ng	-0.01
79) Terphenyl-d14	12.92	244	3890540	80.05	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.36	77	237	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	199869	17.001 ng	#	77
25) Isophorone	7.37	82	1459620	43.527 ng	#	63
50) Dimethylphthalate	9.56	163	130552	2.996 ng		98
51) 2,6-Dinitrotoluene	9.85	165	82314	8.255 ng	#	30
57) 2,4-Dinitrotoluene	9.85	165	82314	6.238 ng	#	34
67) 4-Bromophenyl-phenylether	10.63	248	58374	4.055 ng	#	1

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

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\  
Data File : BF118806.D  
Acq On    : 4 Feb 2020 17:30  
Operator  : CG/JU  
Sample    : L1360-01  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
```

Quant Time: Feb 05 06:31:55 2020
Quant Method : Z:\SV0ASRV\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



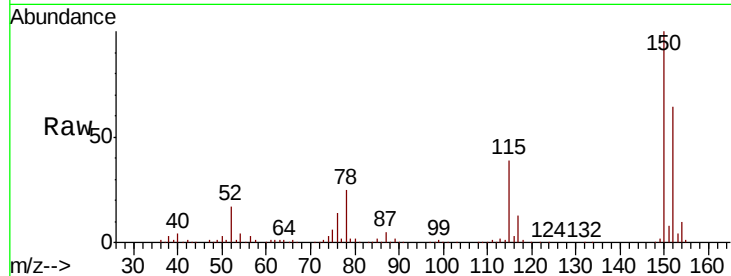


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118806.D
Acq: 4 Feb 2020 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.6	185.4
115	60.1	48.2	72.2

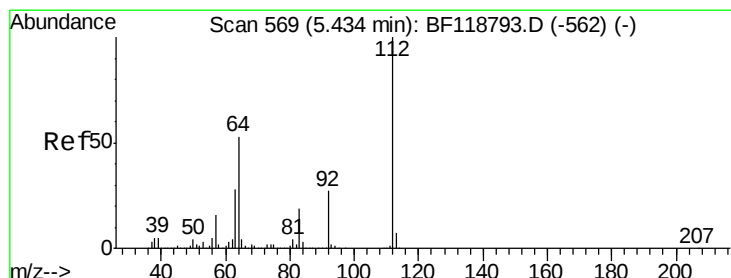
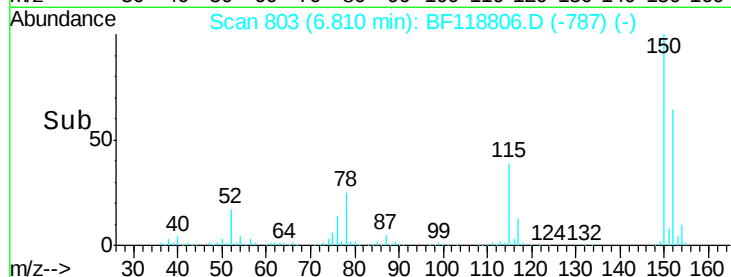
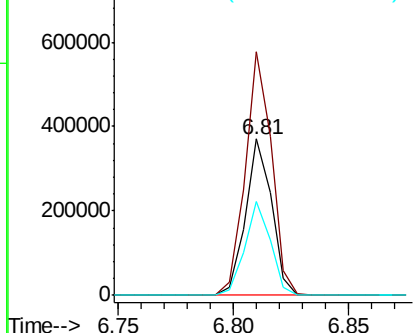


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

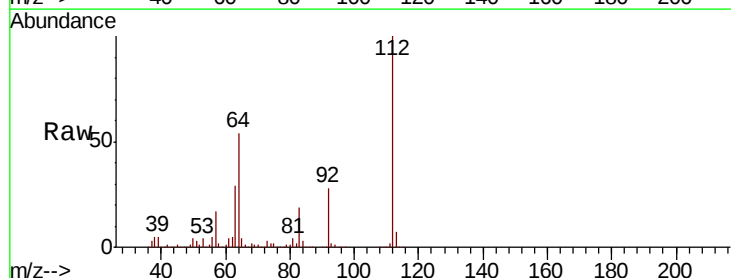
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.094 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF118806.D
Acq: 4 Feb 2020 17:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.6	63.8
63	29.0	22.2	33.4

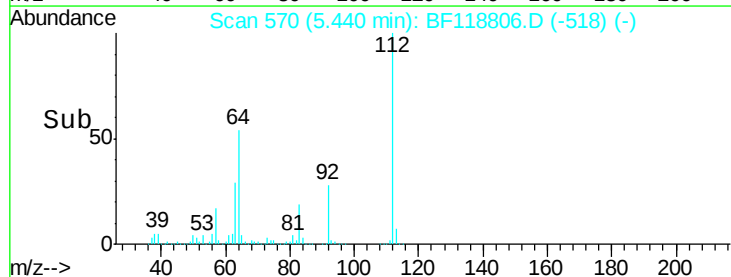
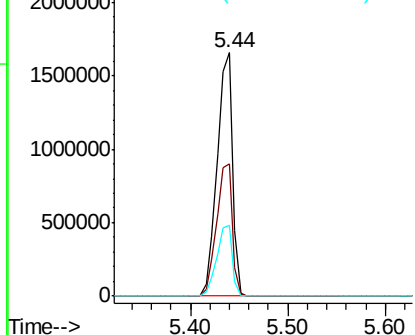


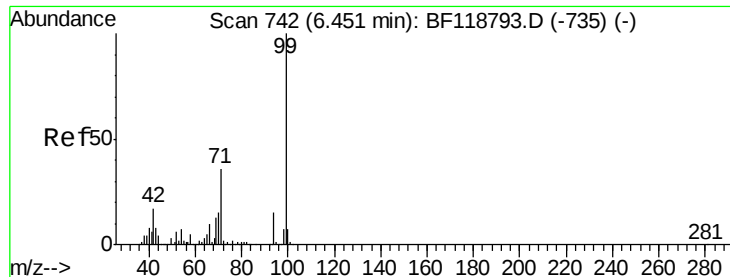
Abundance

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: 115.208 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118806.D

Acq: 4 Feb 2020 17:30

Instrument :

BNA_G

ClientSampled :

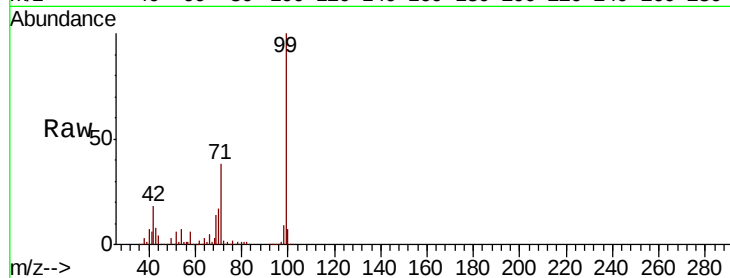
Tot Ion: 99 Resp: 2213584

Ion Ratio Lower Upper

99 100

42 17.6 13.4 20.0

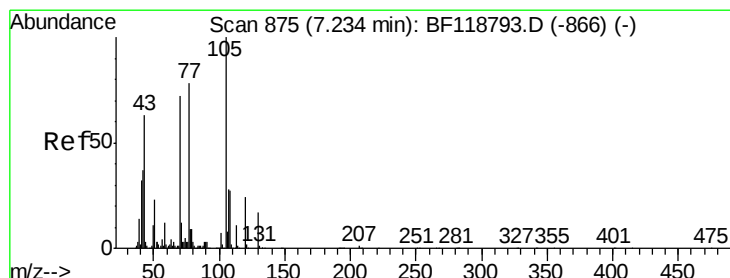
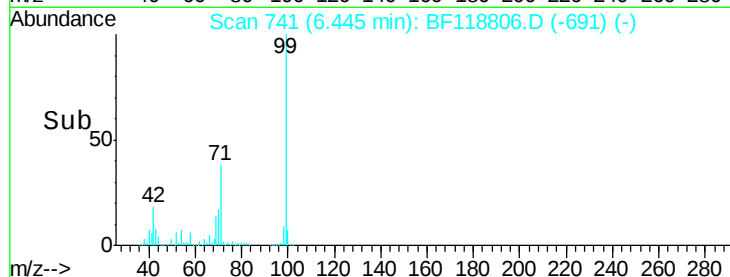
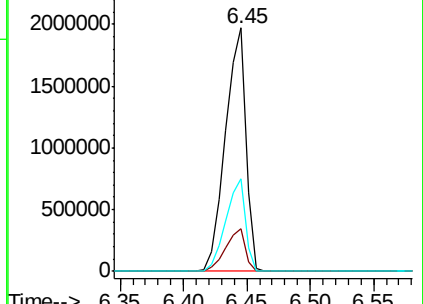
71 37.9 29.0 43.6



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: 17.001 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF118806.D

Acq: 4 Feb 2020 17:30

Tgt Ion: 70 Resp: 199869

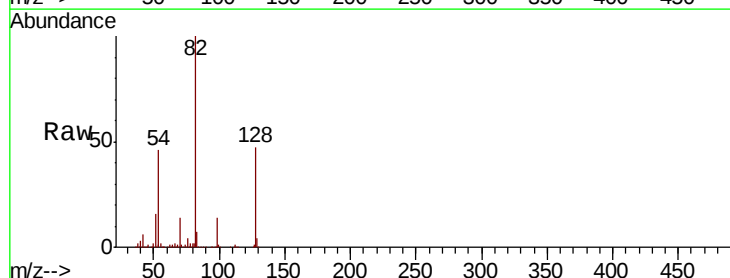
Ion Ratio Lower Upper

70 100

42 43.5 41.5 62.3

101 0.0 8.3 12.5#

130 2.0 19.2 28.8#

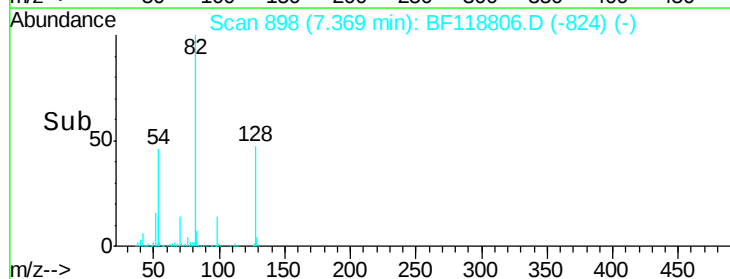
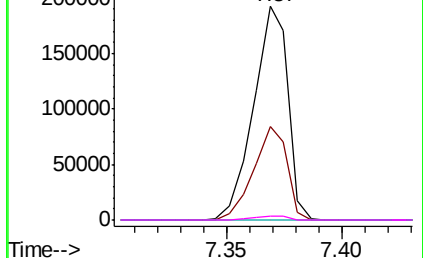


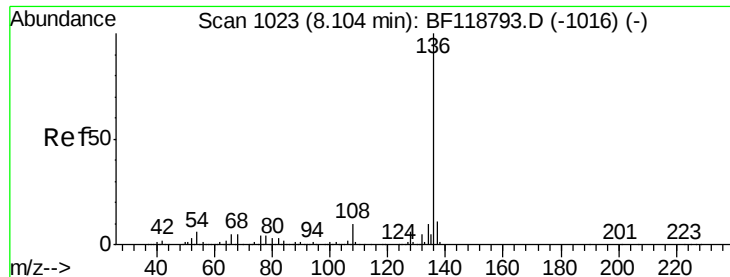
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118806.D

Acq: 4 Feb 2020 17:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 1112165

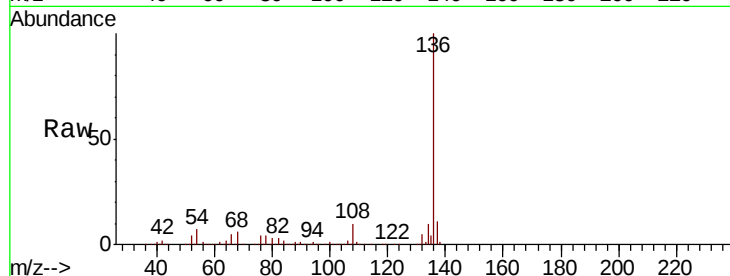
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.9 5.0 7.6

68 5.7 4.2 6.4

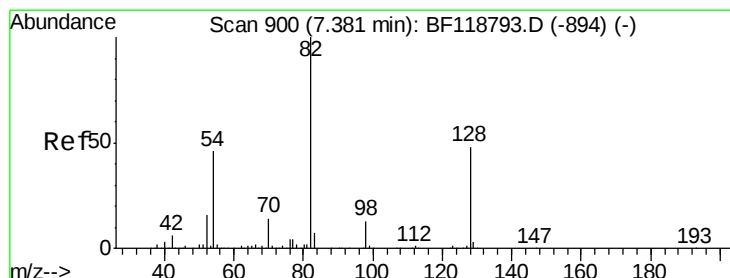
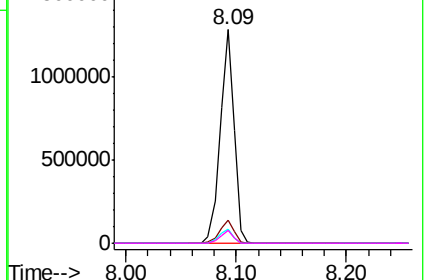
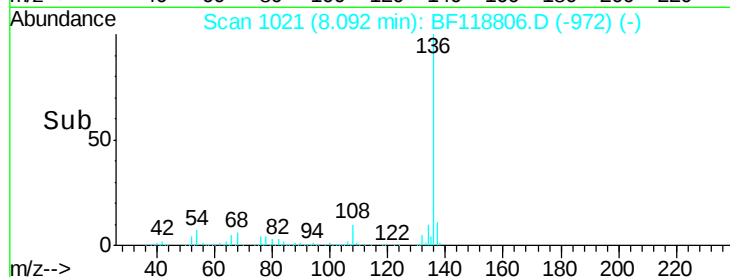


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.214 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118806.D

Acq: 4 Feb 2020 17:30

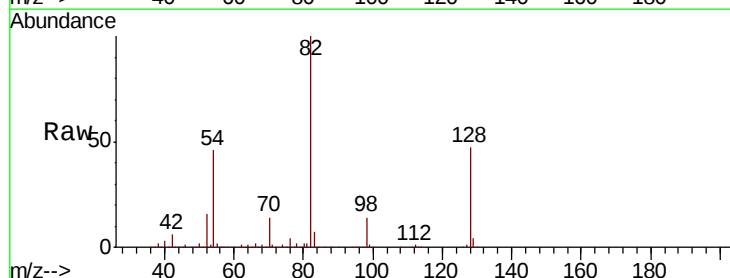
Tgt Ion: 82 Resp: 1459392

Ion Ratio Lower Upper

82 100

128 47.0 38.5 57.7

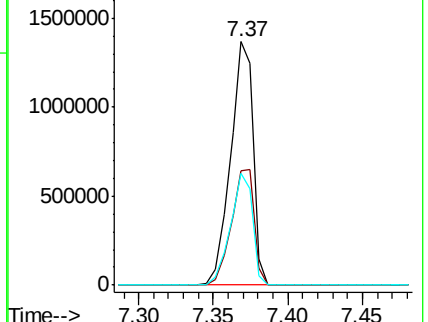
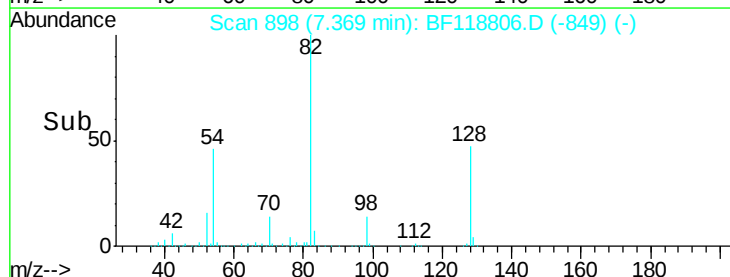
54 45.9 36.7 55.1

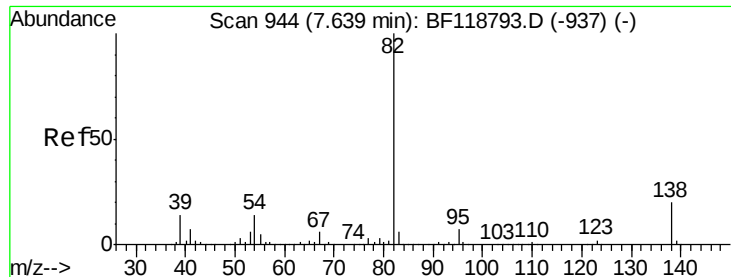


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.527 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF118806.D

Acq: 4 Feb 2020 17:30

Instrument :

BNA_G

ClientSampleId :

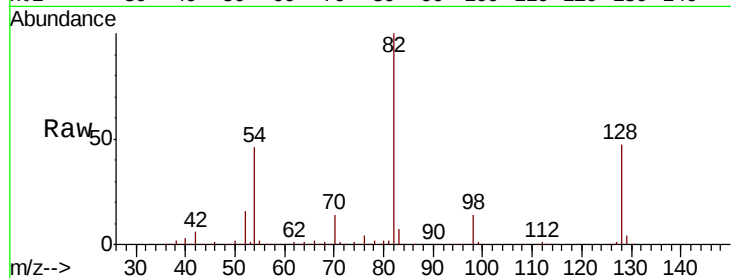
Tot Ion: 82 Resp: 1459620

Ion Ratio Lower Upper

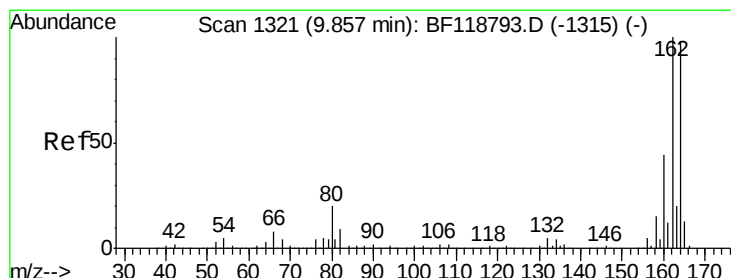
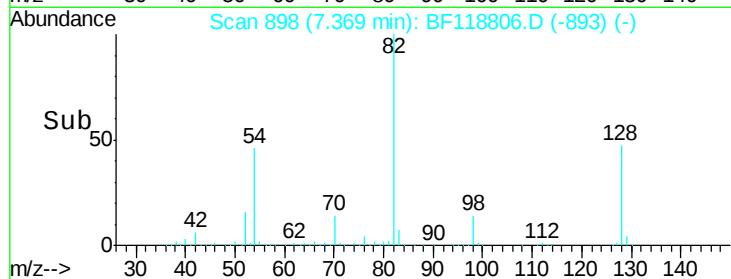
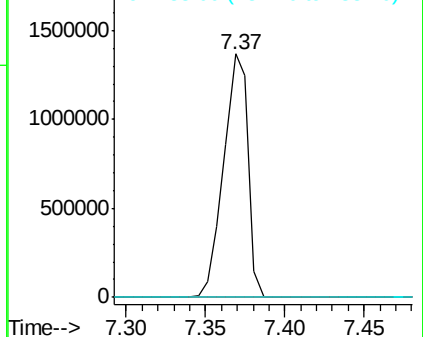
82 100

95 0.0 6.0 9.0#

138 0.0 15.7 23.5#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118806.D

Acq: 4 Feb 2020 17:30

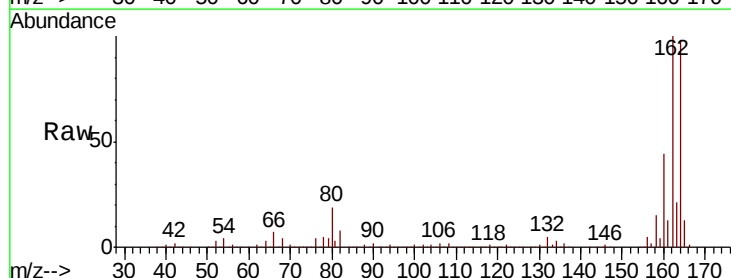
Tgt Ion:164 Resp: 639988

Ion Ratio Lower Upper

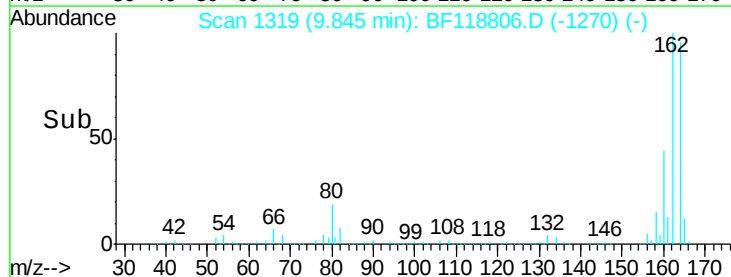
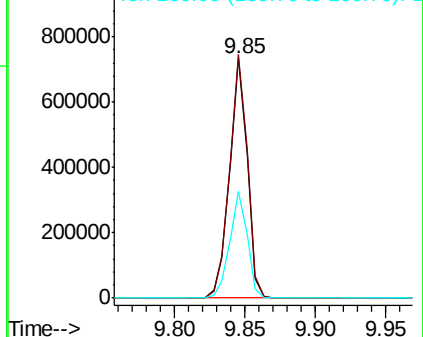
164 100

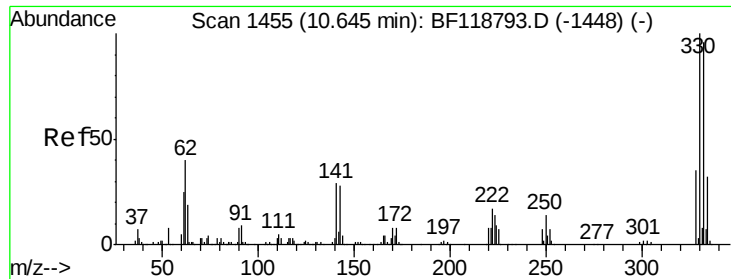
162 101.6 81.4 122.2

160 44.4 35.6 53.4



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: 117.022 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118806.D

Acq: 4 Feb 2020 17:30

Instrument :

BNA_G

ClientSampleId :

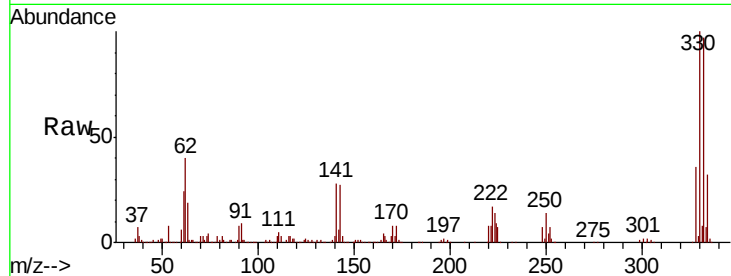
Tot Ion:330 Resp: 896111

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

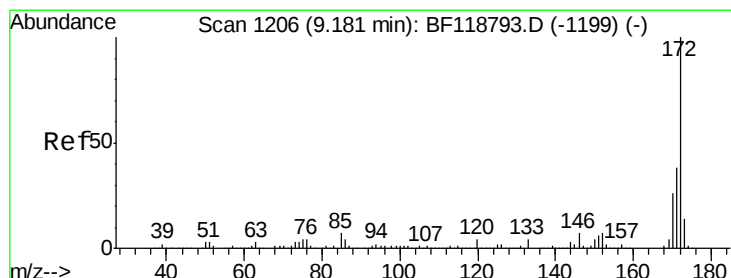
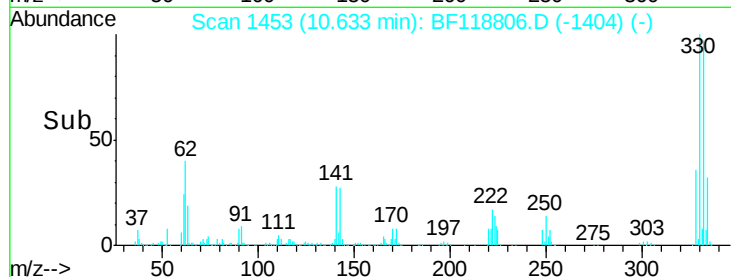
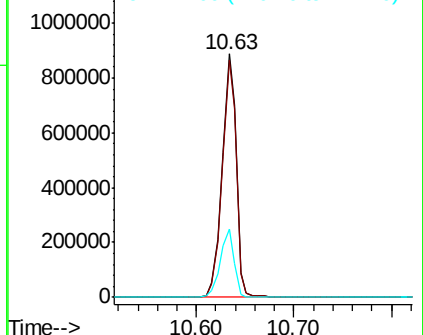
141 27.5 22.4 33.6



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: 81.519 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118806.D

Acq: 4 Feb 2020 17:30

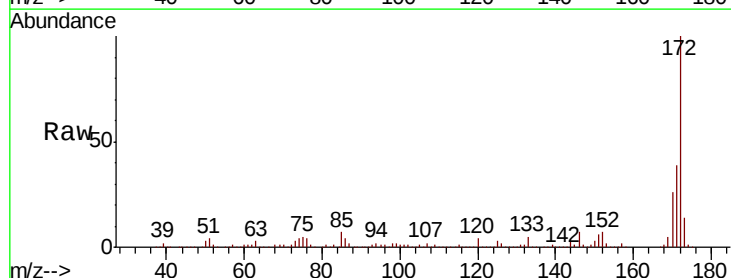
Tgt Ion:172 Resp: 2918361

Ion Ratio Lower Upper

172 100

171 38.7 30.8 46.2

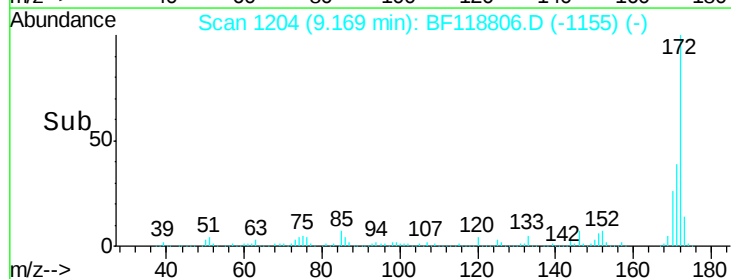
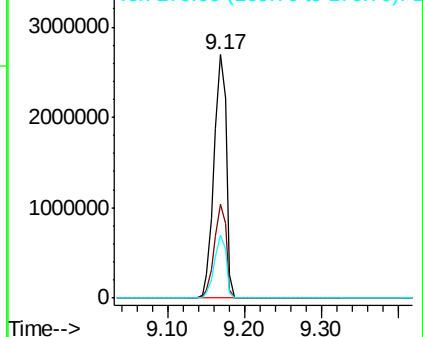
170 25.8 20.5 30.7

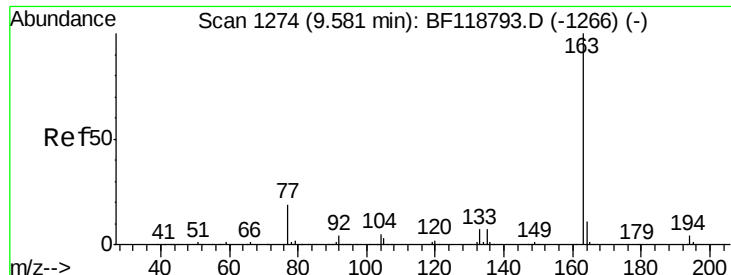


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

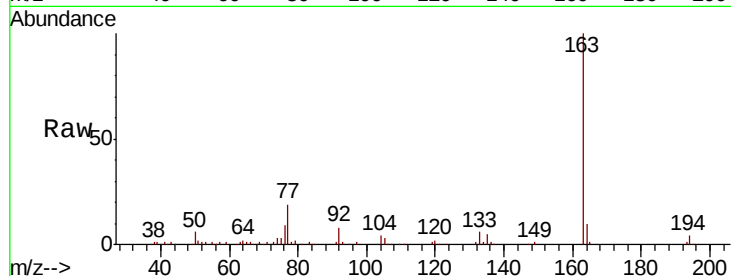




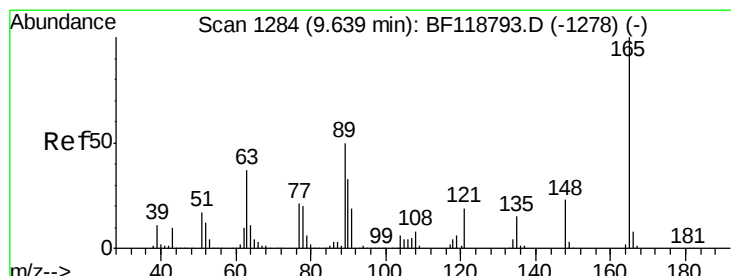
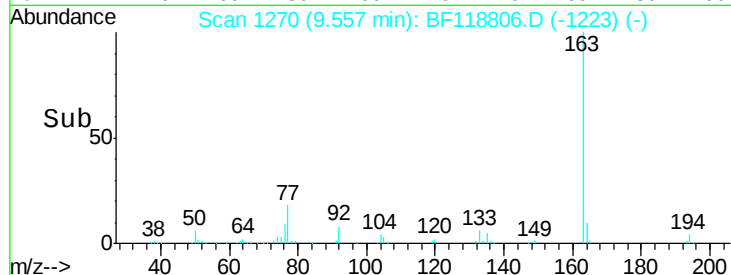
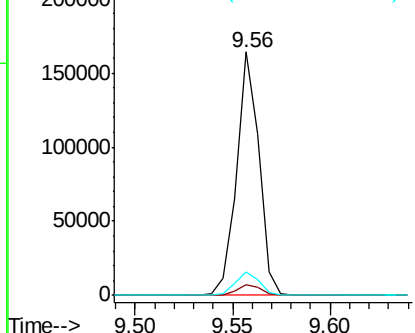
#50
Dimethylphthalate
Concen: 2.996 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118806.D
Acq: 4 Feb 2020 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 130552
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 9.9 8.7 13.1

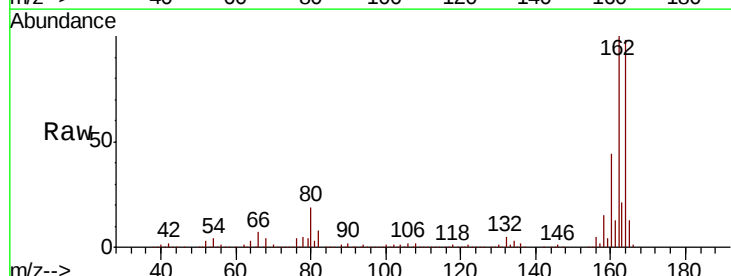


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

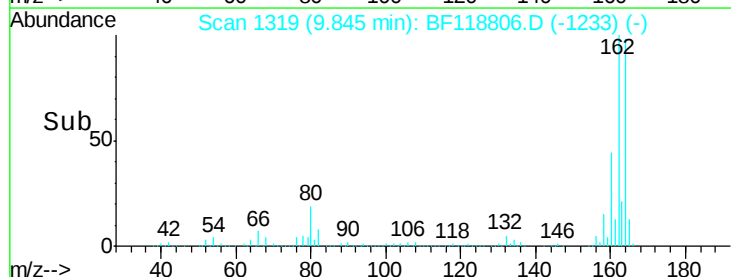
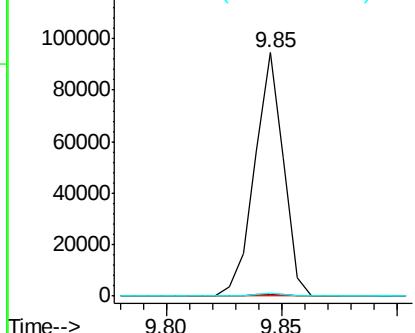


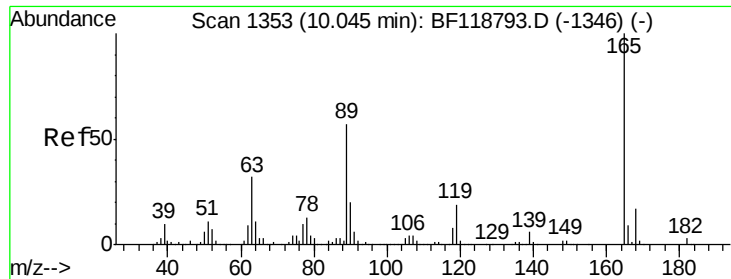
#51
2,6-Dinitrotoluene
Concen: 8.255 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF118806.D
Acq: 4 Feb 2020 17:30

Tgt Ion:165 Resp: 82314
Ion Ratio Lower Upper
165 100
63 1.0 37.4 56.0#
89 1.3 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

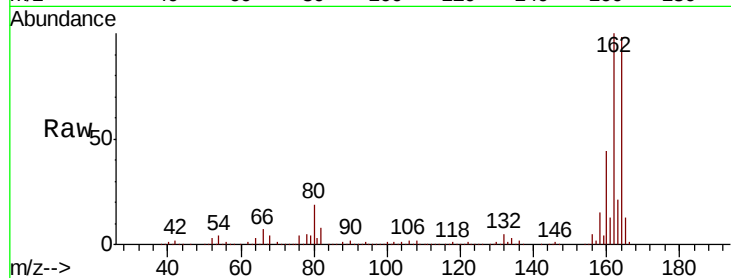




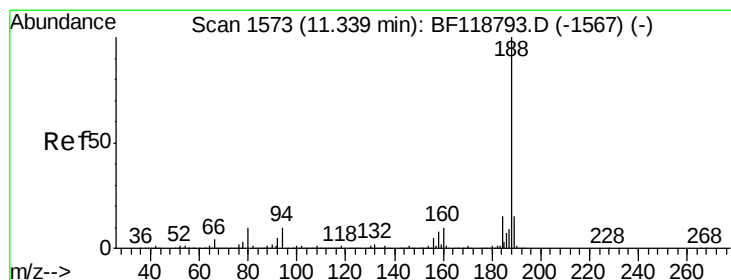
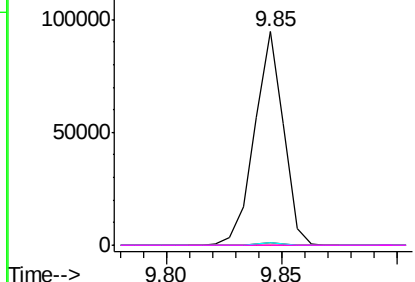
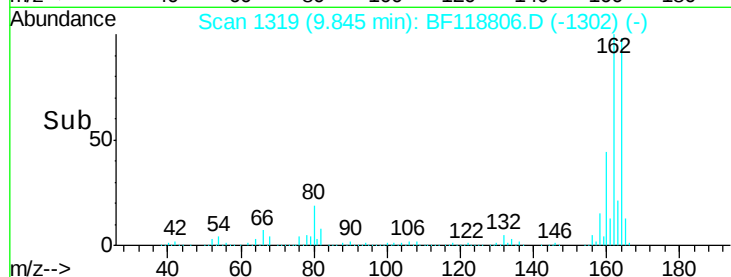
#57
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF118806.D
Acq: 4 Feb 2020 17:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.5	38.3#
89	1.3	45.4	68.0#
182	0.0	2.4	3.6#

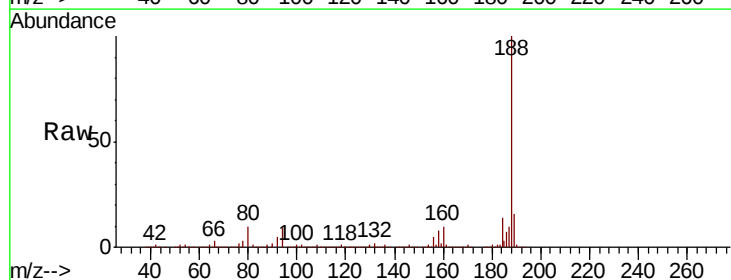


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

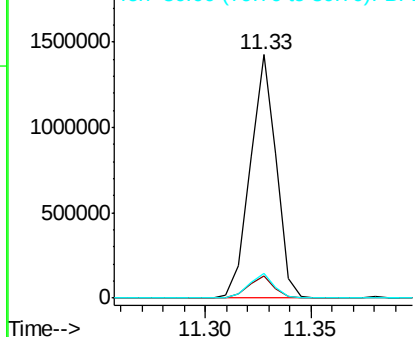
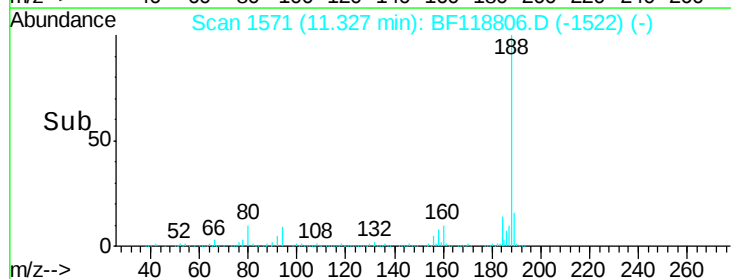


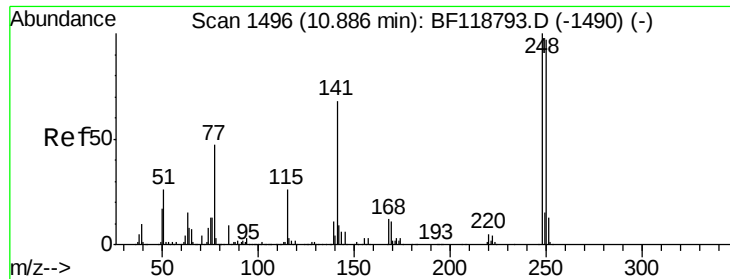
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118806.D
Acq: 4 Feb 2020 17:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	9.9	8.4	12.6



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

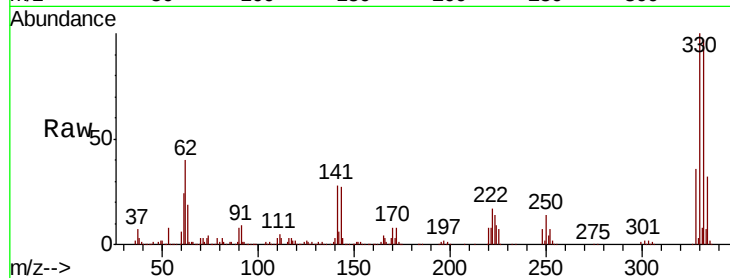




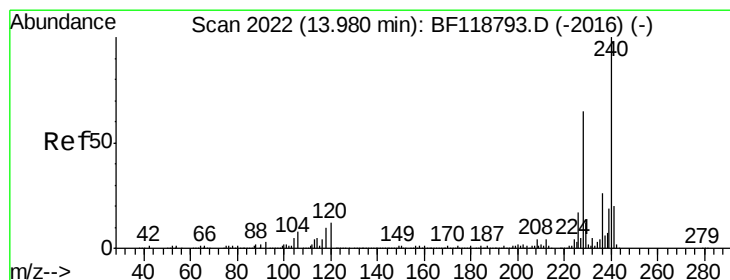
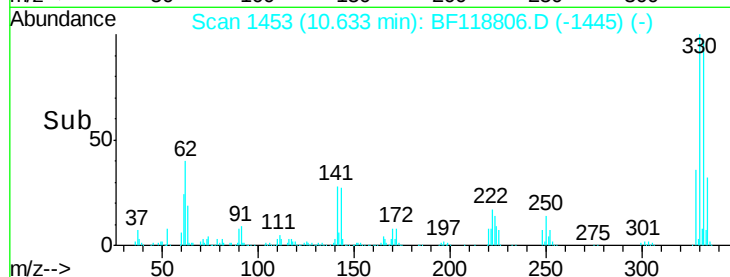
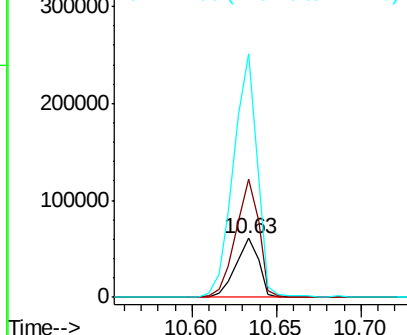
#67
4-Bromophenyl-phenylether
Concen: 4.055 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118806.D
Acq: 4 Feb 2020 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 58374
Ion Ratio Lower Upper
248 100
250 200.7 77.6 116.4#
141 414.1 54.4 81.6#

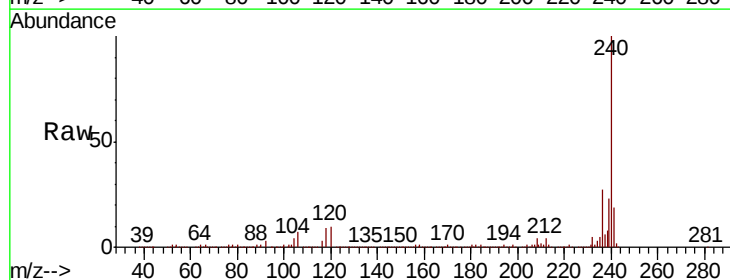


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

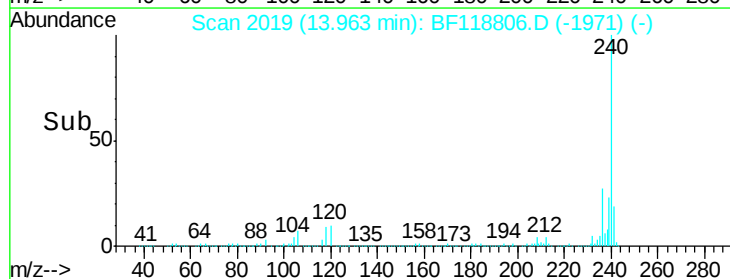
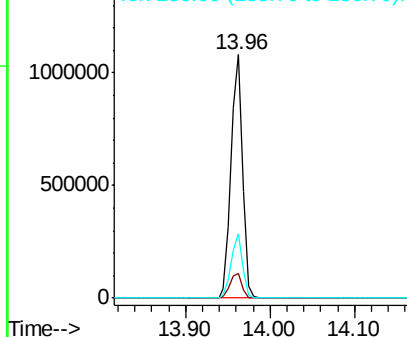


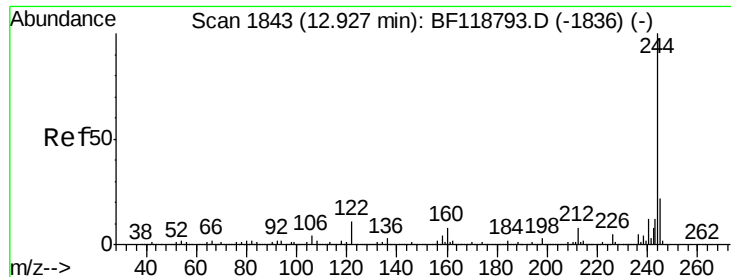
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118806.D
Acq: 4 Feb 2020 17:30

Tgt Ion:240 Resp: 998331
Ion Ratio Lower Upper
240 100
120 10.0 9.4 14.0
236 26.7 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: 80.047 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118806.D

Acq: 4 Feb 2020 17:30

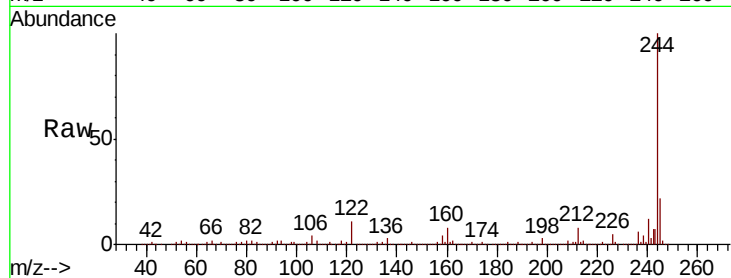
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 3890540

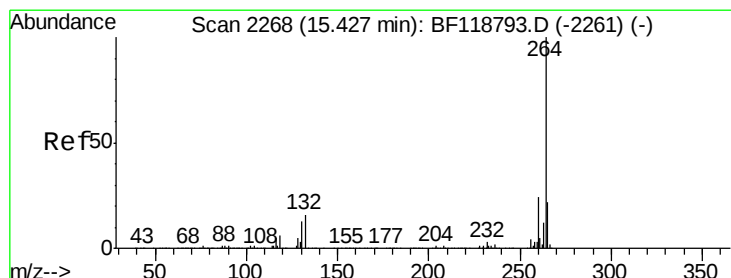
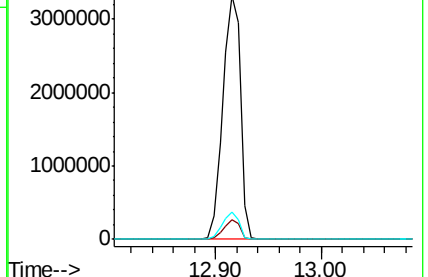
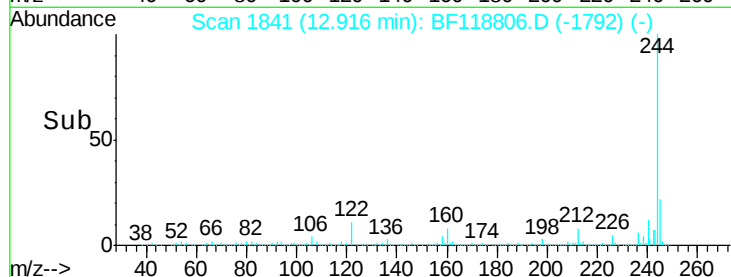
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.3	8.9	13.3



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: 15.40 min Scan# 2264

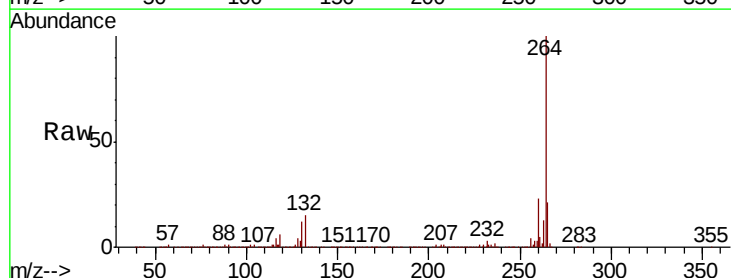
Delta R.T. -0.02 min

Lab File: BF118806.D

Acq: 4 Feb 2020 17:30

Tgt Ion:264 Resp: 932190

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.5	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

