

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119019.D
 Acq On : 24 Feb 2020 12:55
 Operator : CG/JU
 Sample : L1578-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:23:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

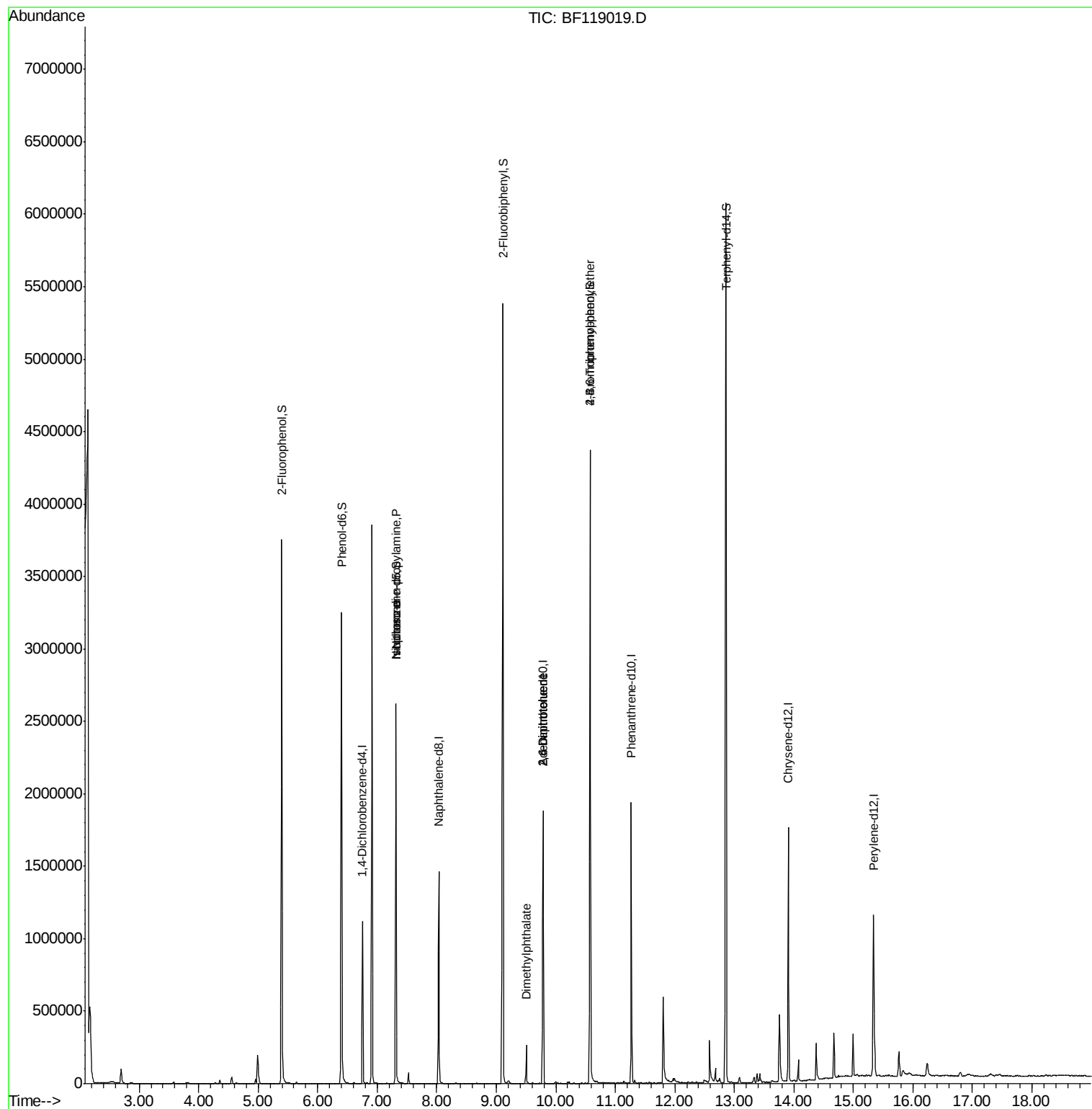
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	191388	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	723077	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	401188	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	745772	20.00	ng	0.00
76) Chrysene-d12	13.91	240	575534	20.00	ng	0.00
87) Perylene-d12	15.34	264	517366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1234156	107.77	ng	0.02
7) Phenol-d6	6.40	99	1379504	99.04	ng	0.00
23) Nitrobenzene-d5	7.32	82	1123504	82.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	644729	122.85	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2145474	78.78	ng	-0.01
79) Terphenyl-d14	12.86	244	2674734	80.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	154550	19.043	ng	# 78
25) Isophorone	7.32	82	1119017	47.050	ng	# 63
50) Dimethylphthalate	9.50	163	116909	3.811	ng	99
51) 2,6-Dinitrotoluene	9.79	165	51721	7.588	ng	# 29
57) 2,4-Dinitrotoluene	9.79	165	51721	5.854	ng	# 28
67) 4-Bromophenyl-phenylether	10.58	248	42004	4.309	ng	# 1

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

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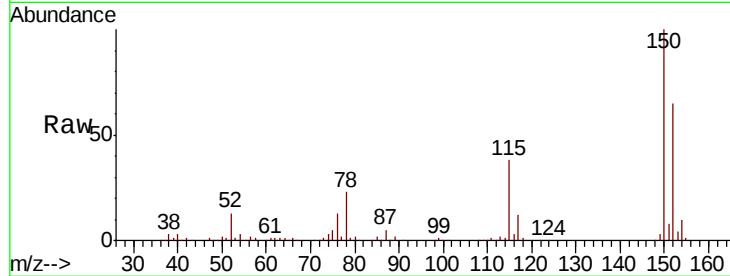


#1

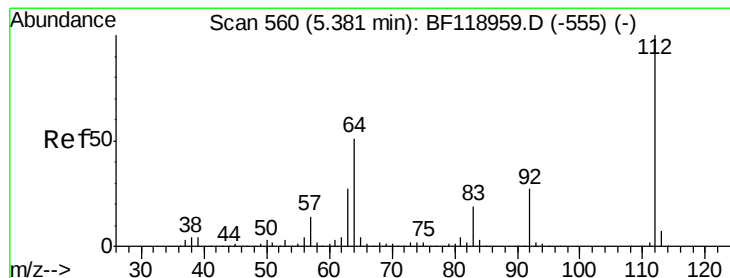
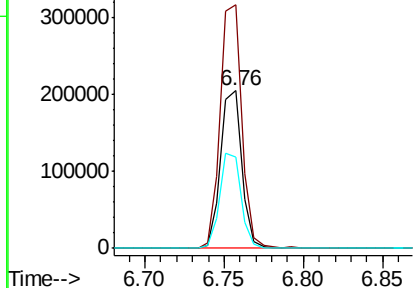
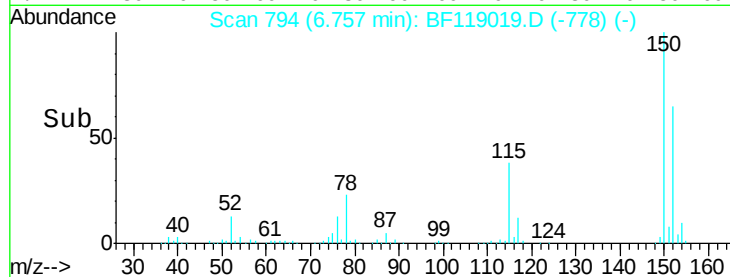
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.3	186.5
115	58.3	44.6	67.0



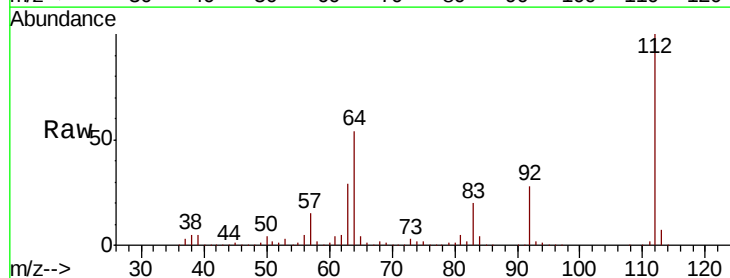
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



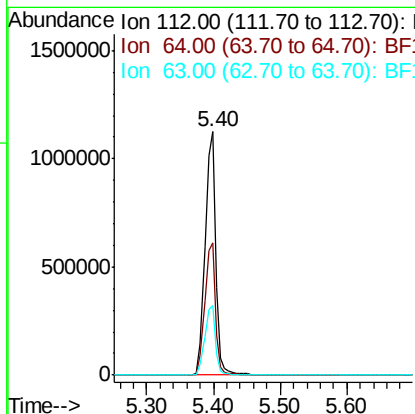
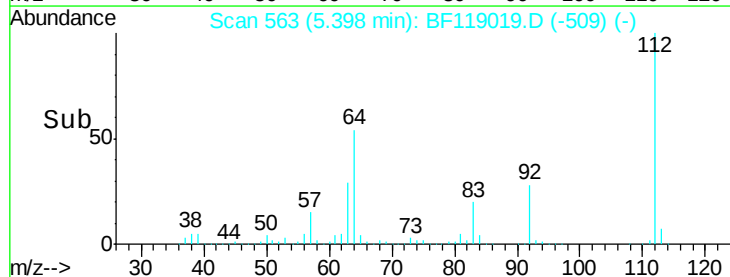
#5

2-Fluorophenol
Concen: 107.765 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	40.4	60.6
63	28.6	21.3	31.9



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: 99.045 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

Instrument :

BNA_F

ClientSampleId :

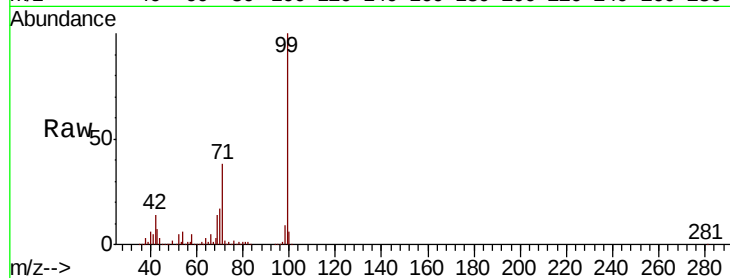
Tot Ion: 99 Resp: 1379504

Ion Ratio Lower Upper

99 100

42 14.0 11.4 17.0

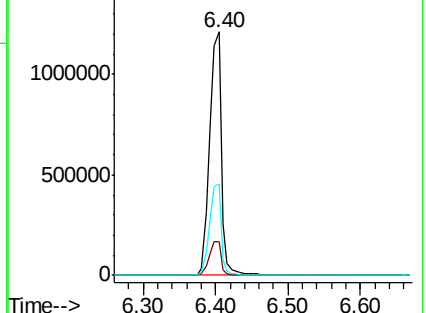
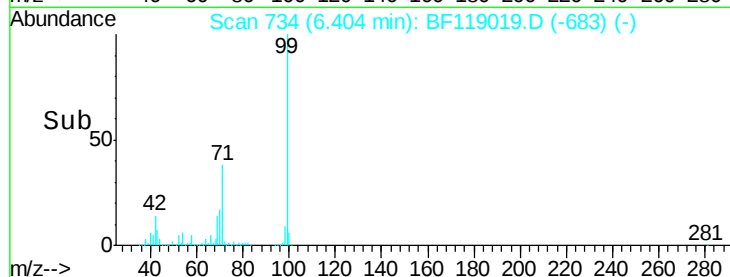
71 37.5 29.8 44.6



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: 19.043 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

Tgt Ion: 70 Resp: 154550

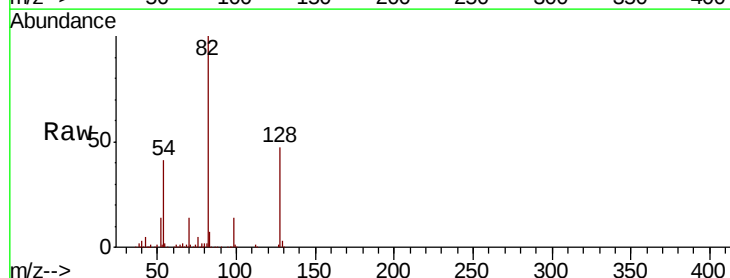
Ion Ratio Lower Upper

70 100

42 38.1 34.6 51.8

101 0.0 8.1 12.1#

130 2.5 19.4 29.2#

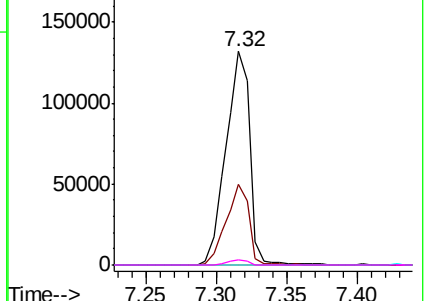
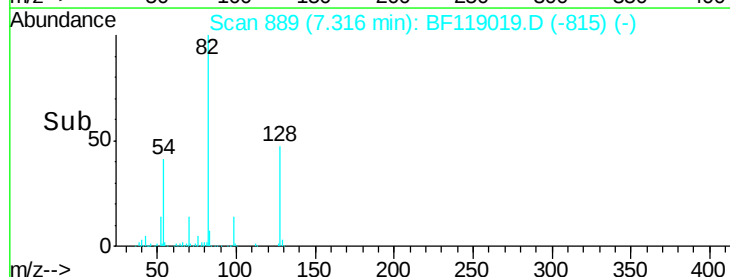


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 723077

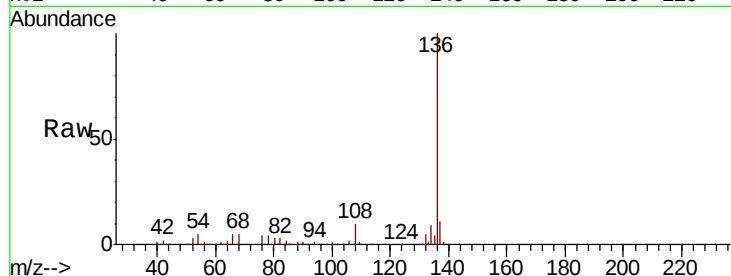
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 4.9 3.8 5.6

68 5.4 4.2 6.2

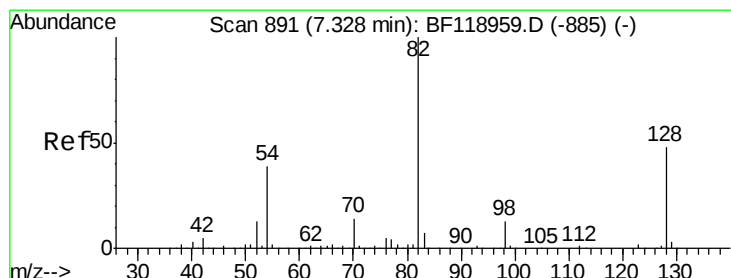
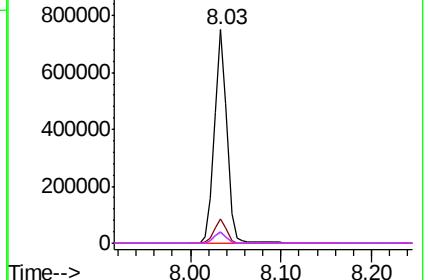
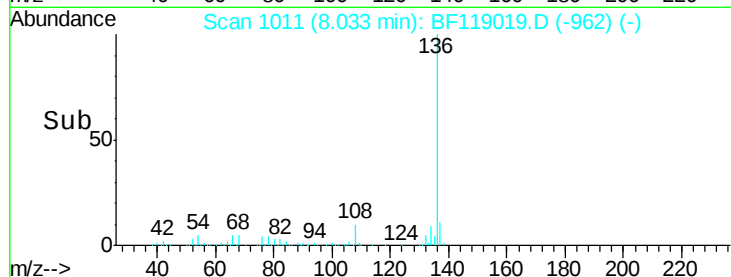


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.040 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

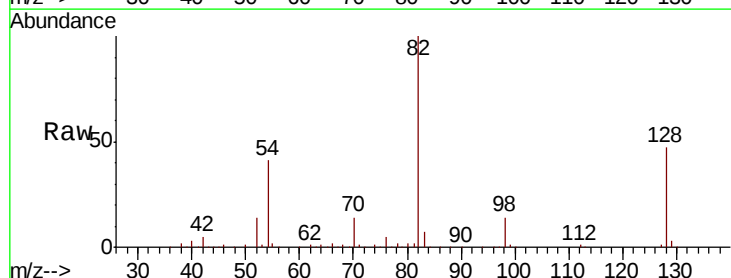
Tgt Ion: 82 Resp: 1123504

Ion Ratio Lower Upper

82 100

128 46.7 38.2 57.2

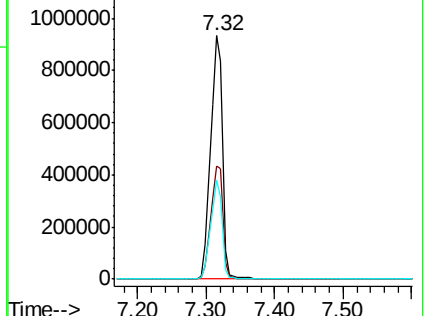
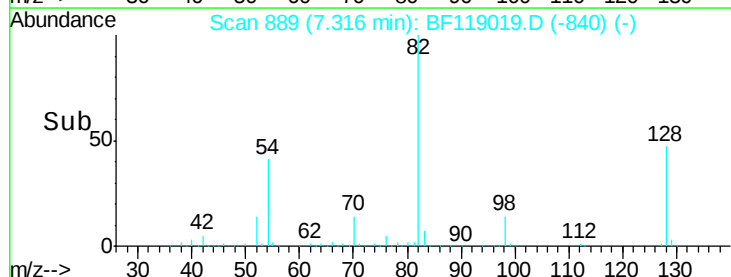
54 40.9 31.3 46.9

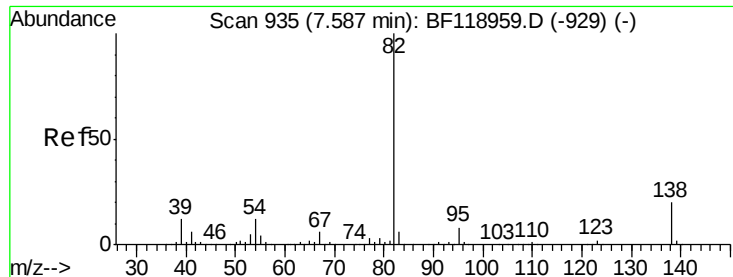


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.050 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

Instrument :

BNA_F

ClientSampleId :

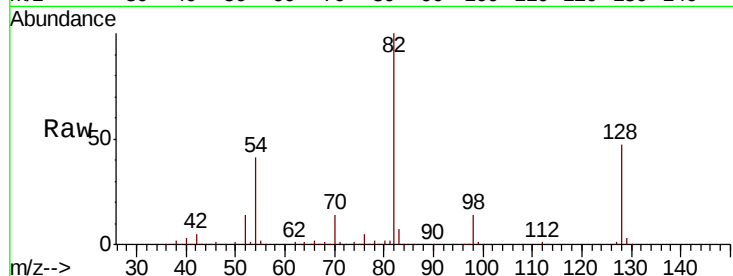
Tot Ion: 82 Resp: 1119017

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

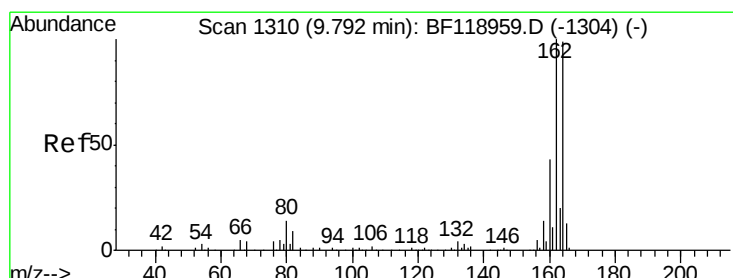
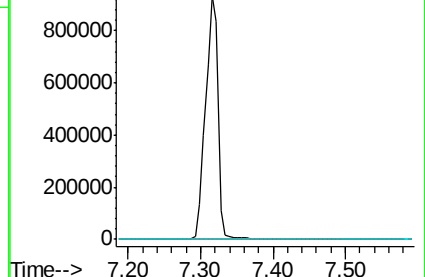
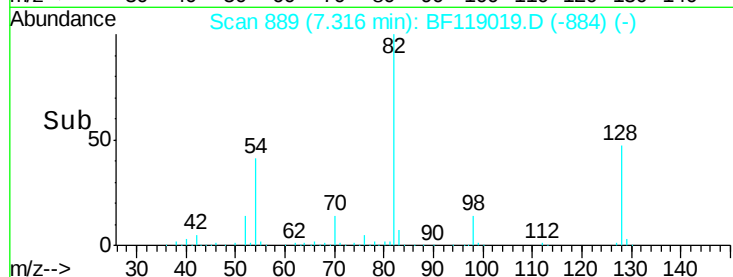
138 0.0 15.8 23.6#



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

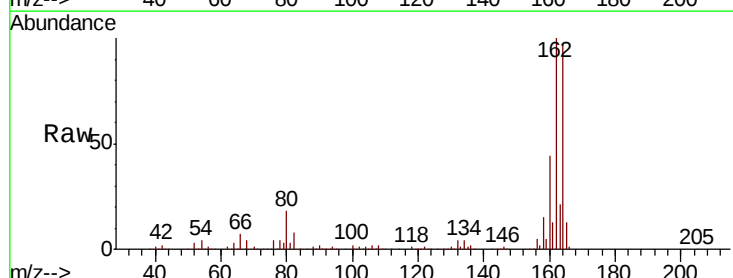
Tgt Ion:164 Resp: 401188

Ion Ratio Lower Upper

164 100

162 102.9 81.2 121.8

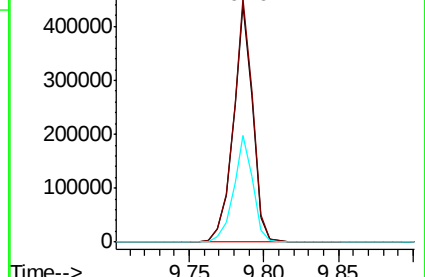
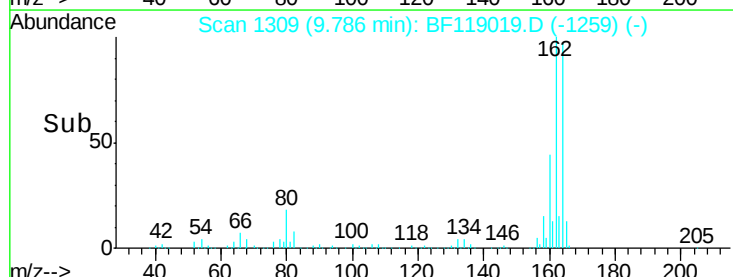
160 44.9 35.2 52.8

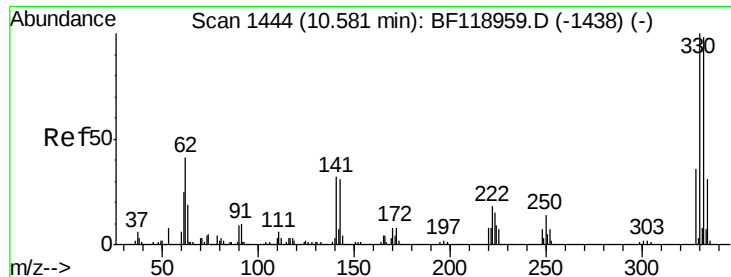


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

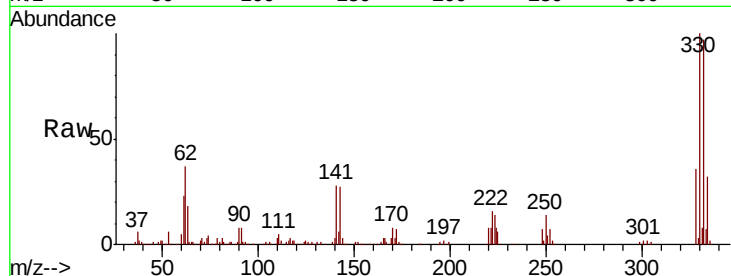




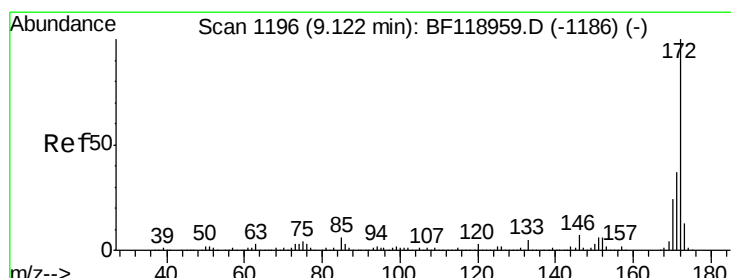
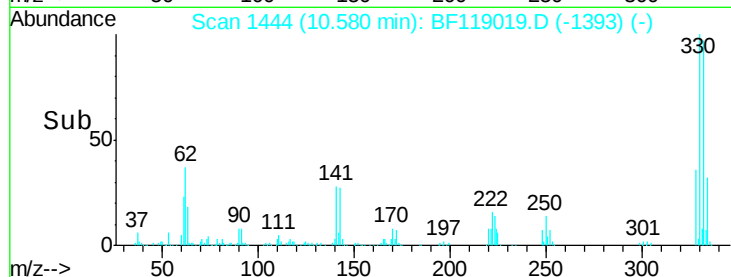
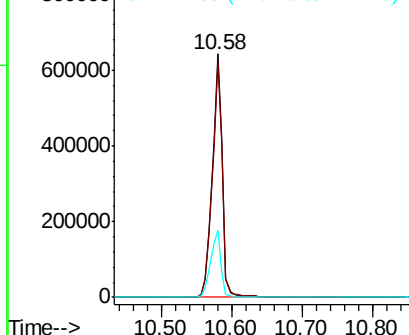
#42
 2,4,6-Tribromophenol
 Concen: 122.847 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF119019.D
 Acq: 24 Feb 2020 12:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 644729
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.1 115.7
 141 28.1 23.0 34.6

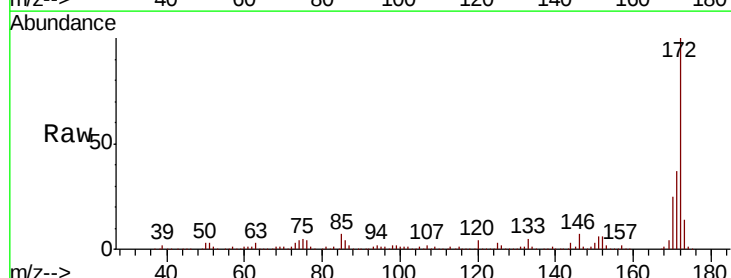


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

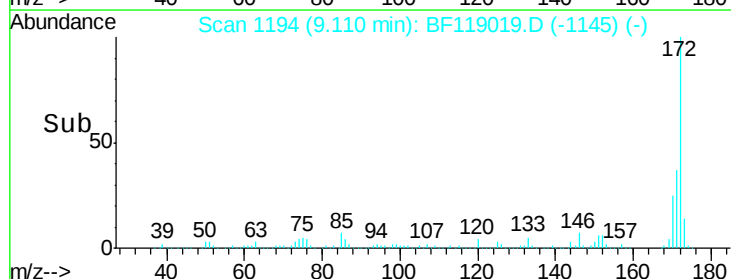
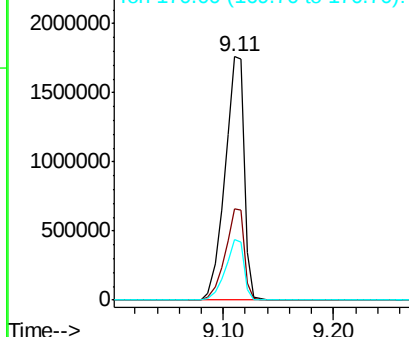


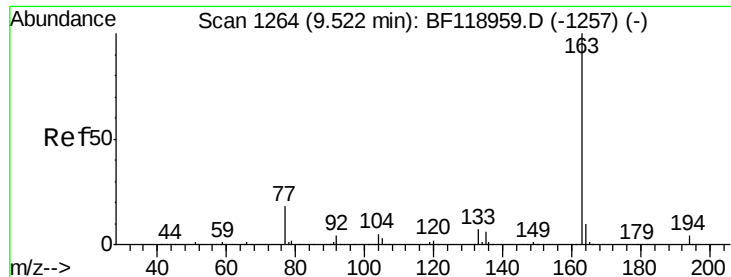
#45
 2-Fluorobiphenyl
 Concen: 78.782 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119019.D
 Acq: 24 Feb 2020 12:55

Tgt Ion:172 Resp: 2145474
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.2
 170 24.6 19.6 29.4



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

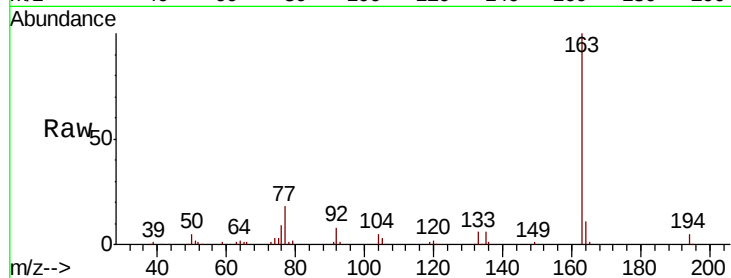




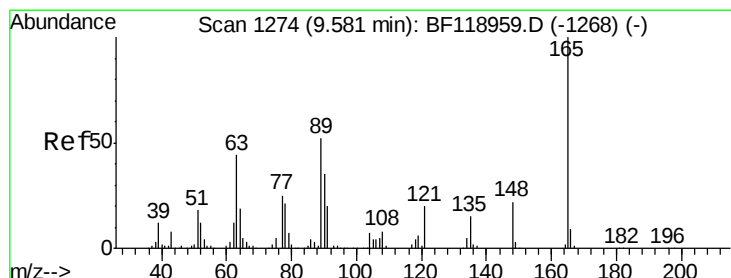
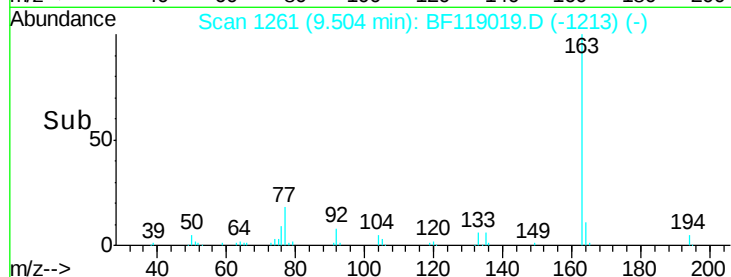
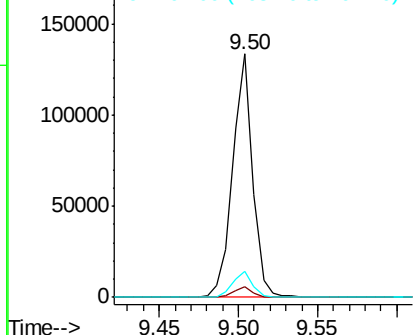
#50
Dimethylphthalate
Concen: 3.811 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.6	8.2	12.2

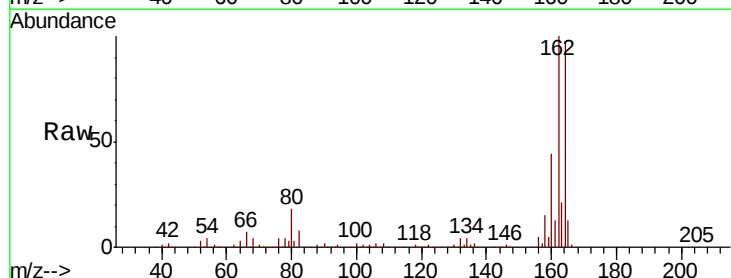


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

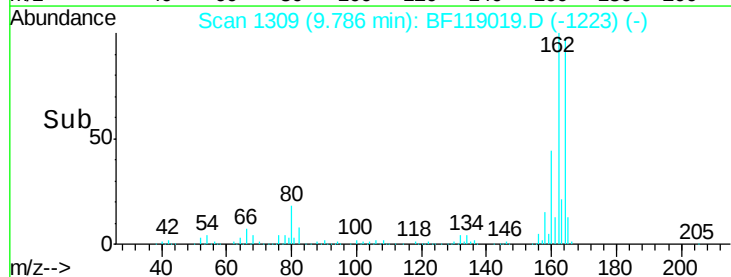
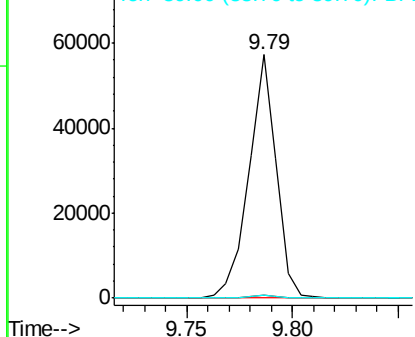


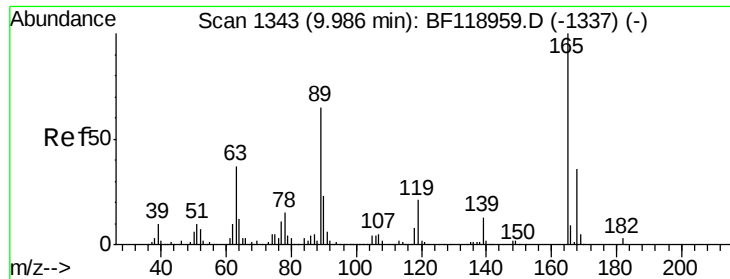
#51
2,6-Dinitrotoluene
Concen: 7.588 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.9	56.9#
89	1.4	41.4	62.0#



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

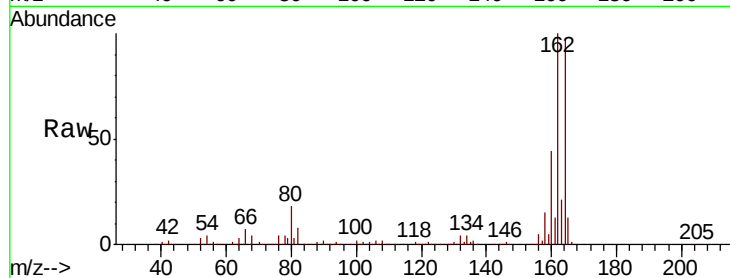




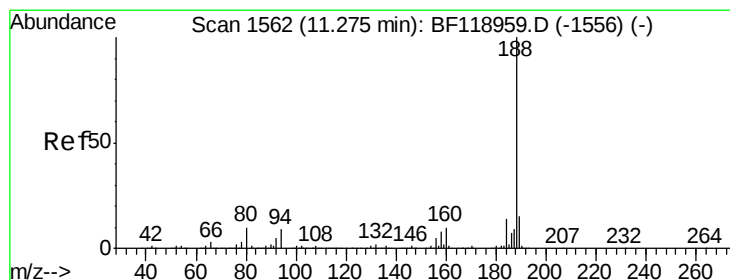
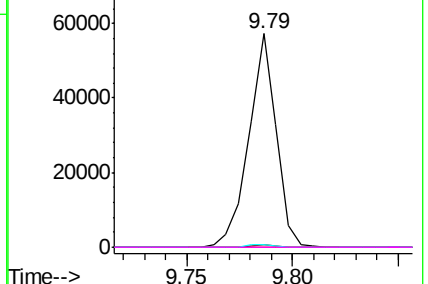
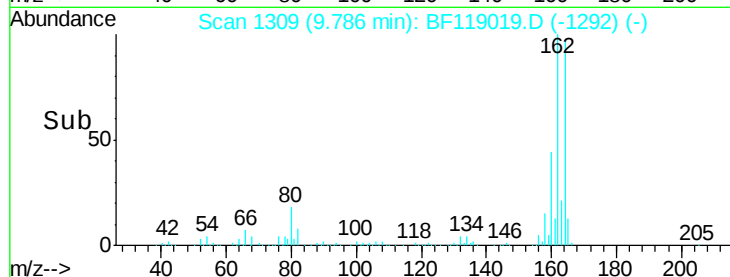
#57
 2,4-Dinitrotoluene
 Concen: 5.854 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119019.D
 Acq: 24 Feb 2020 12:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 51721
 Ion Ratio Lower Upper
 165 100
 63 1.0 29.8 44.8#
 89 1.4 51.9 77.9#
 182 0.0 2.3 3.5#

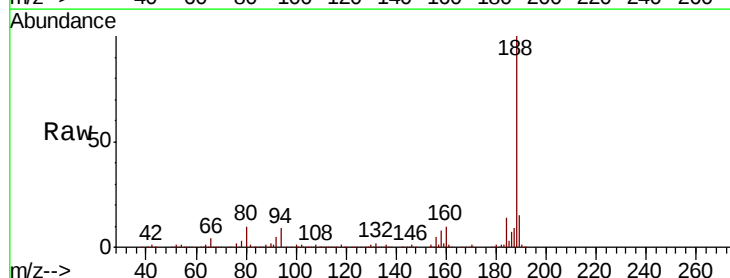


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

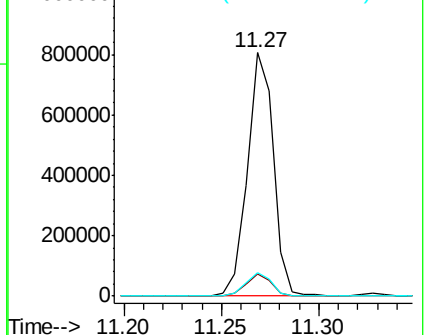
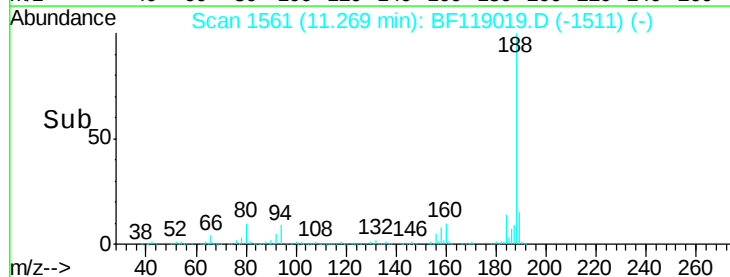


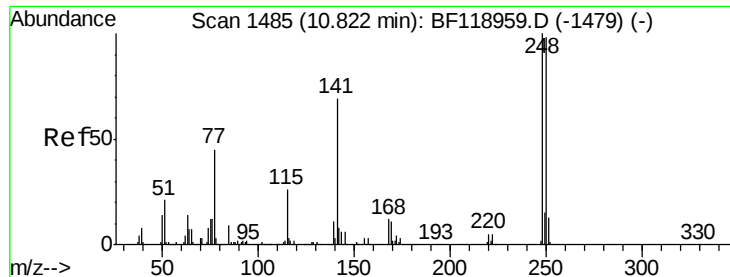
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119019.D
 Acq: 24 Feb 2020 12:55

Tgt Ion:188 Resp: 745772
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.0 10.6
 80 9.9 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

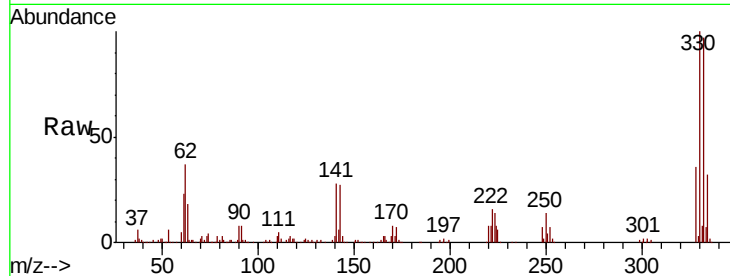




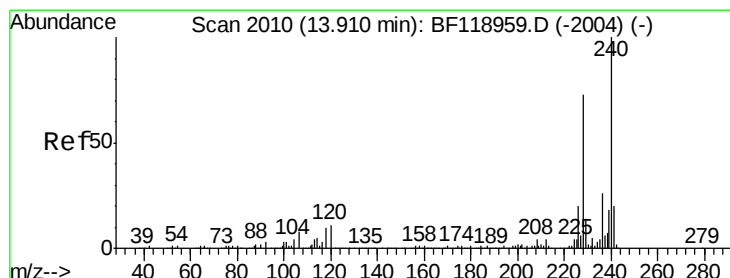
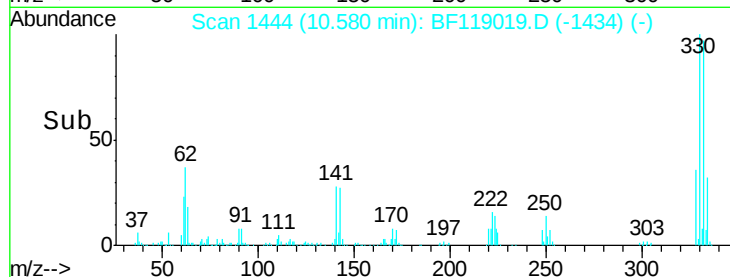
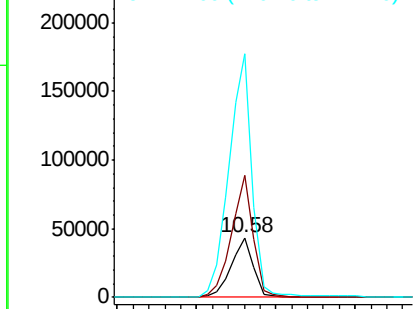
#67
4-Bromophenyl-phenylether
Concen: 4.309 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 42004
Ion Ratio Lower Upper
248 100
250 206.4 78.8 118.2#
141 410.7 55.3 82.9#

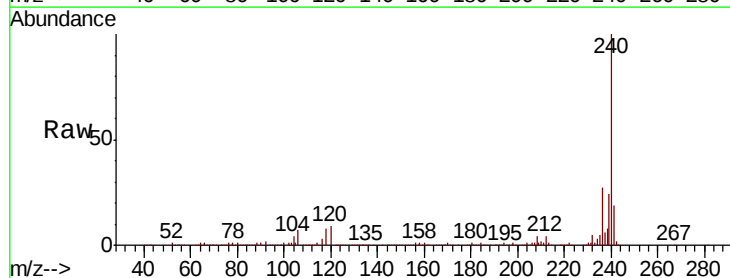


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

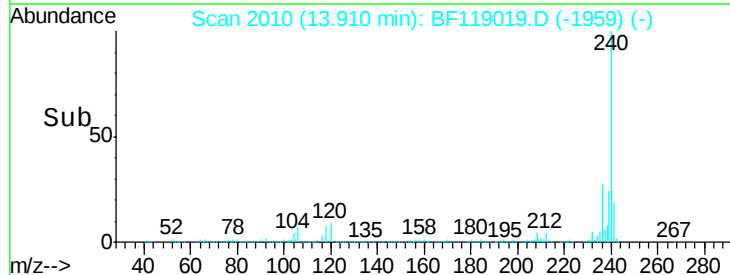
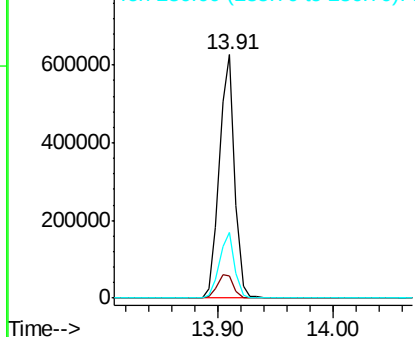


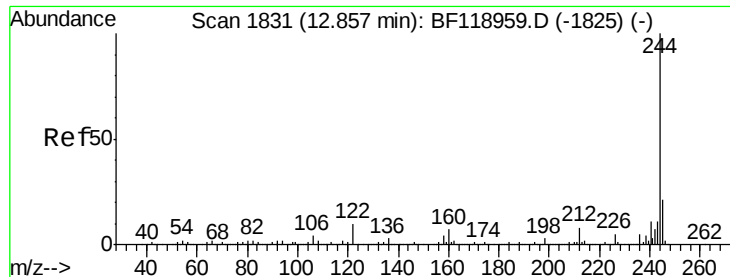
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Tgt Ion:240 Resp: 575534
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.8 20.6 30.8



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: 80.013 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

Instrument :

BNA_F

ClientSampleId :

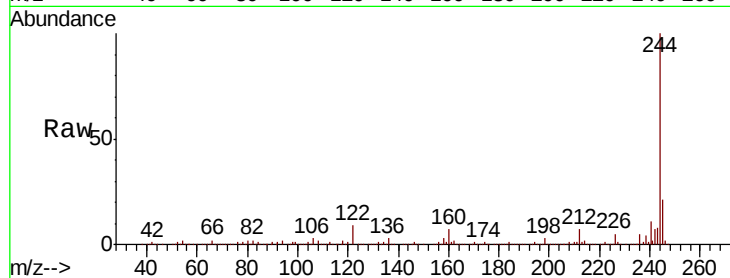
Tot Ion:244 Resp: 2674734

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

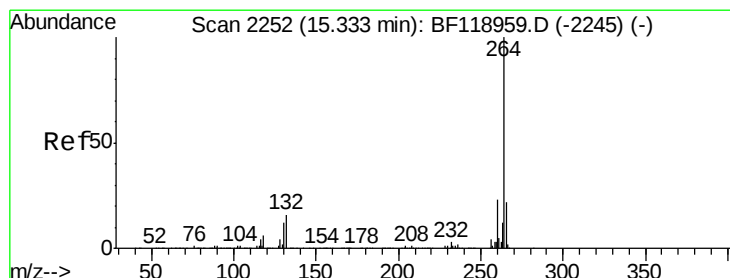
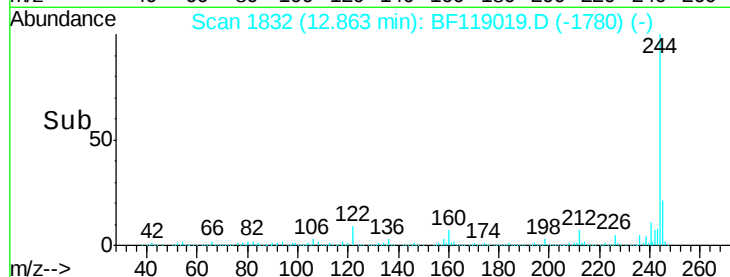
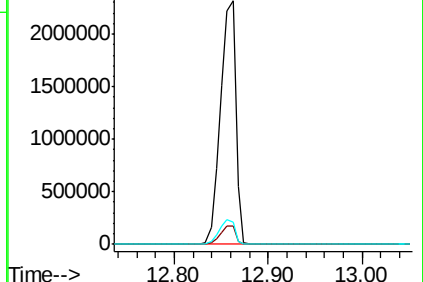
122 9.3 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

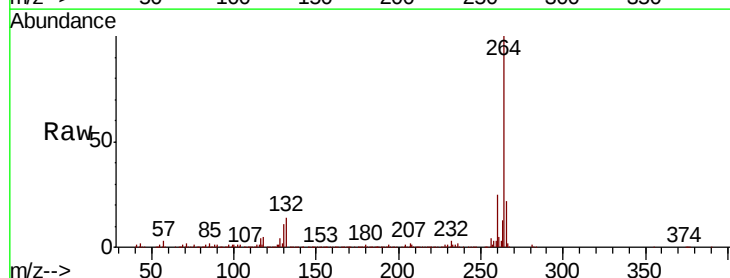
Tgt Ion:264 Resp: 517366

Ion Ratio Lower Upper

264 100

260 24.6 18.6 28.0

265 22.2 17.3 25.9



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

