

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119852.D
 Acq On : 9 Apr 2020 4:29
 Operator : MA/SJ
 Sample : L2151-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 05:30:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

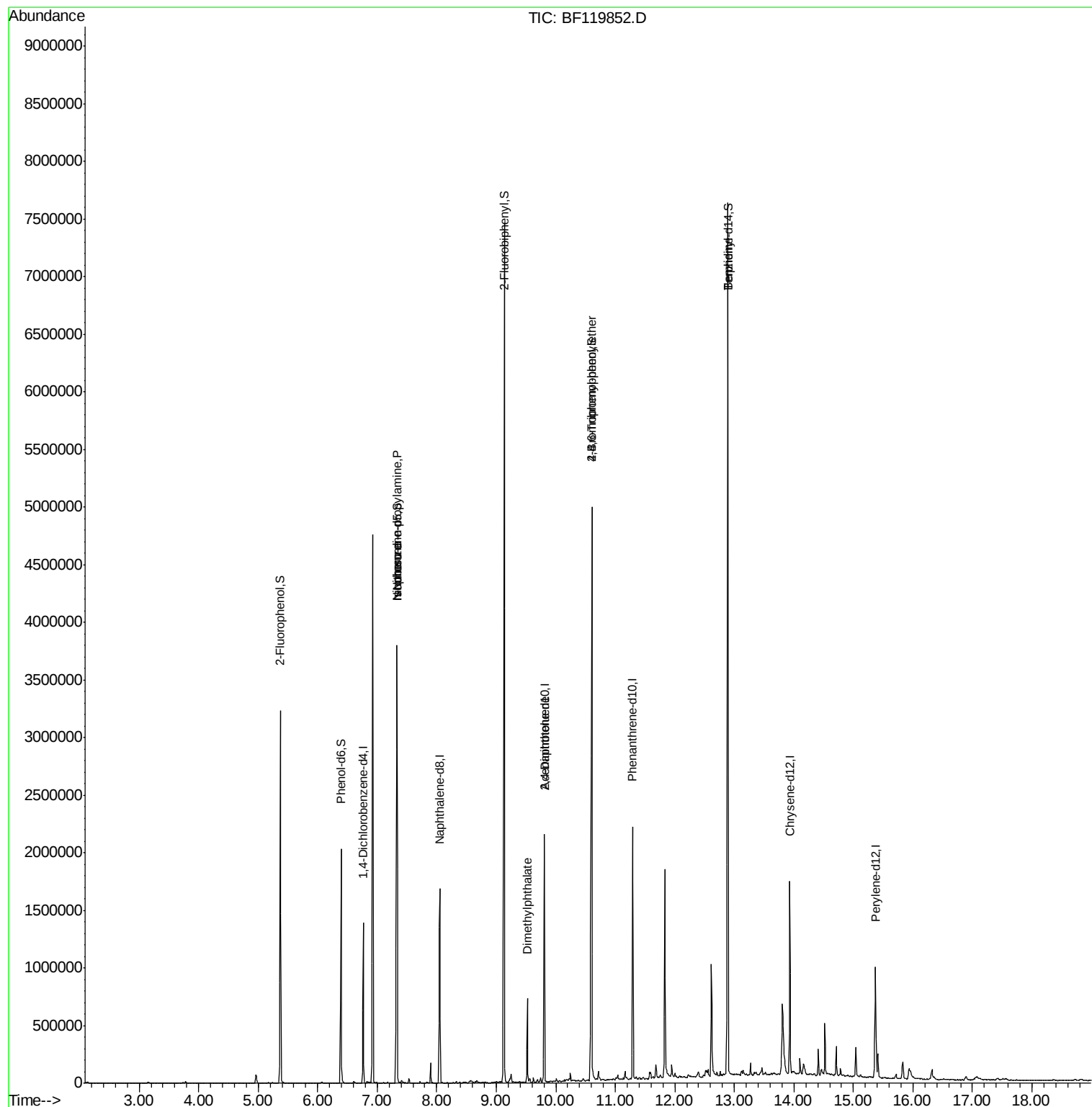
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	195811	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	746318	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	439300	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	793606	20.00	ng	0.00
76) Chrysene-d12	13.93	240	545625	20.00	ng	0.00
87) Perylene-d12	15.37	264	450043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	763886	67.42	ng	0.00
7) Phenol-d6	6.39	99	633838	43.41	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1392013	96.49	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	701501	130.43	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2654247	85.78	ng	0.00
79) Terphenyl-d14	12.89	244	3169085	97.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	128	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	185162	19.722 ng	#	35
25) Isophorone	7.33	82	1381410	49.674 ng	#	77
50) Dimethylphthalate	9.52	163	262661	7.730 ng	#	65
57) 2,4-Dinitrotoluene	9.81	165	56721	5.786 ng	#	99
67) 4-Bromophenyl-phenylether	10.60	248	42523	4.309 ng	#	23
77) Benizidine	12.89	184	40380	2.189 ng	#	1
					#	92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 09 05:30:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration



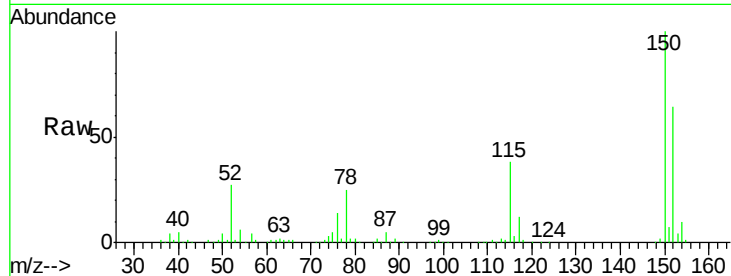


#1

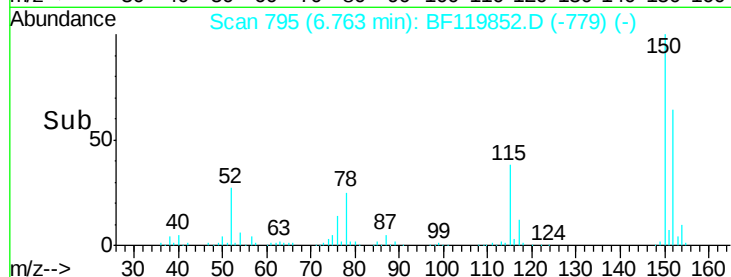
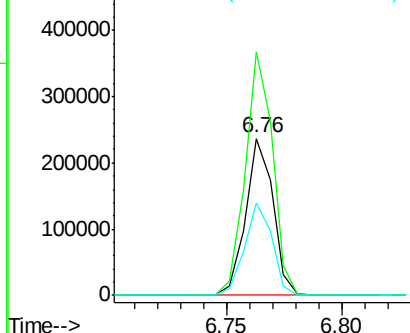
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119852.D
Acq: 9 Apr 2020 4:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.8	187.2
115	58.8	46.5	69.7



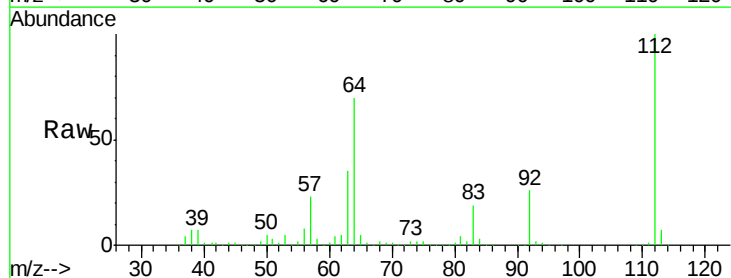
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



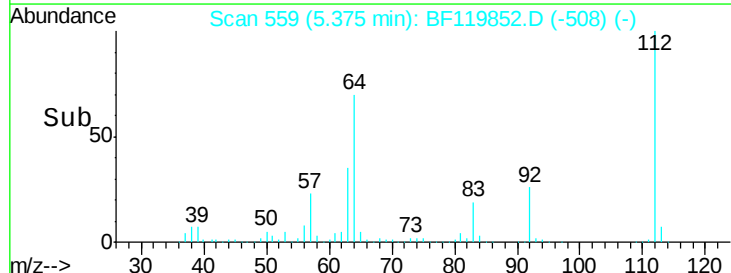
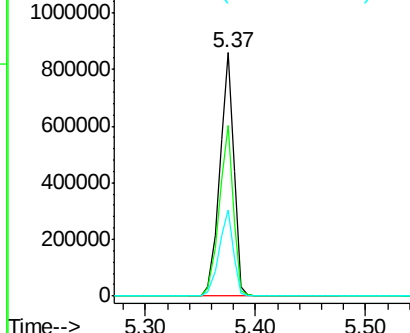
#5

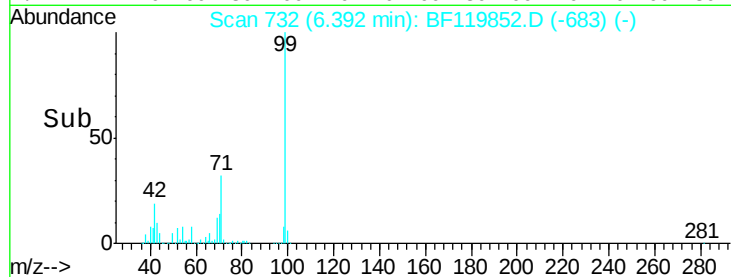
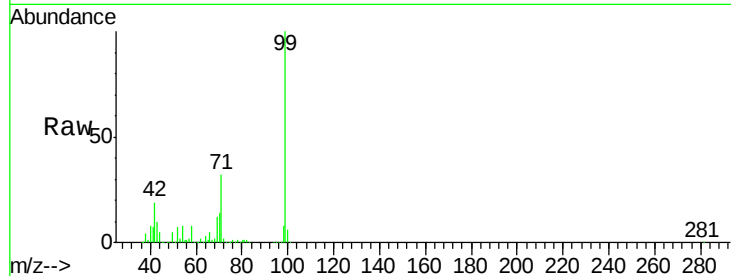
2-Fluorophenol
Concen: 67.419 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119852.D
Acq: 9 Apr 2020 4:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.5	83.3
63	35.5	29.1	43.7



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: 43.414 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119852.D

Acq: 9 Apr 2020 4:29

Instrument :

BNA_F

ClientSampleId :

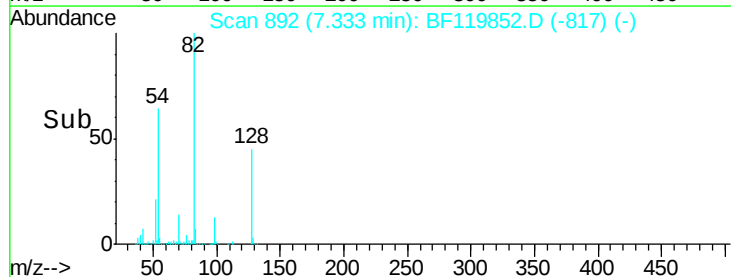
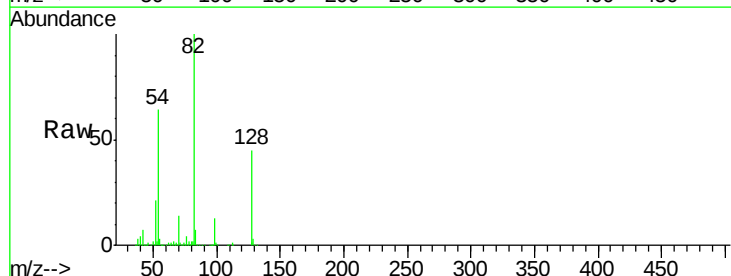
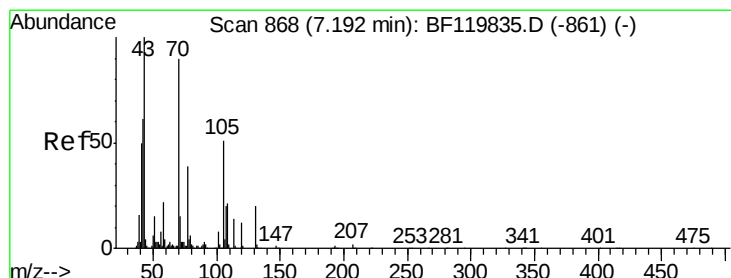
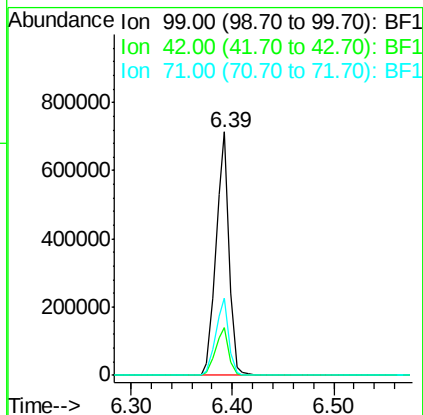
Tot Ion: 99 Resp: 633838

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

71 31.9 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 19.722 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF119852.D

Acq: 9 Apr 2020 4:29

Tgt Ion: 70 Resp: 185162

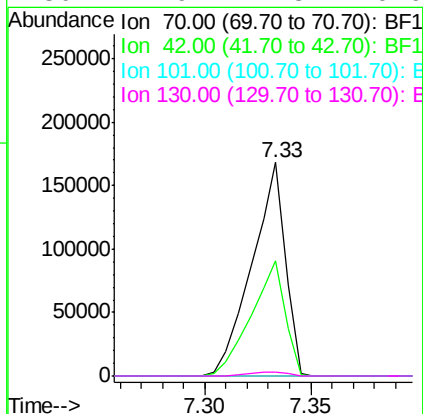
Ion Ratio Lower Upper

70 100

42 54.1 54.2 81.4#

101 0.0 7.4 11.2#

130 1.9 17.8 26.6#

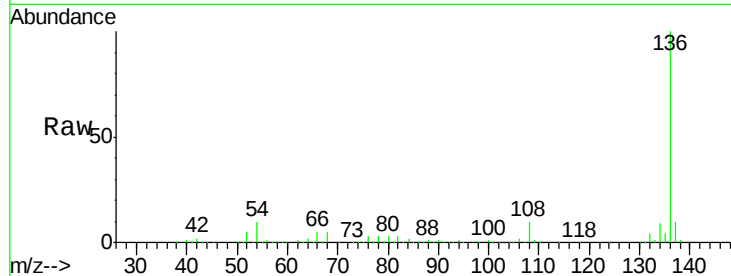




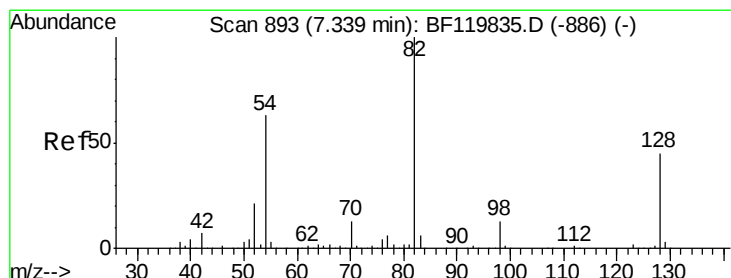
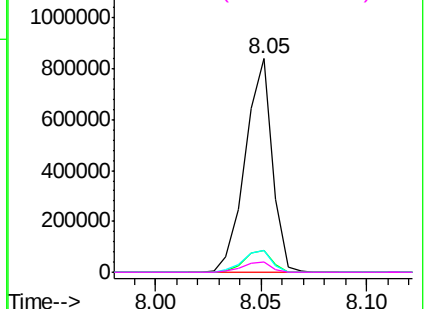
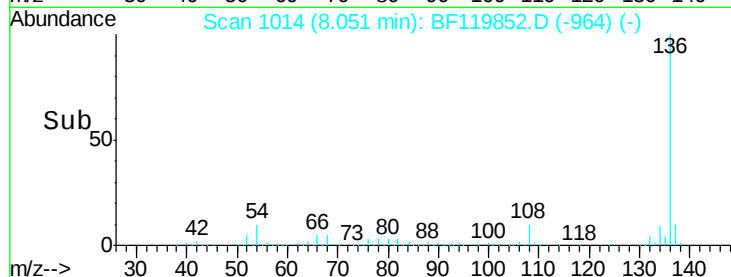
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119852.D
Acq: 9 Apr 2020 4:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	746318
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.7 13.1
54	10.1	8.5 12.7
68	4.9	3.9 5.9

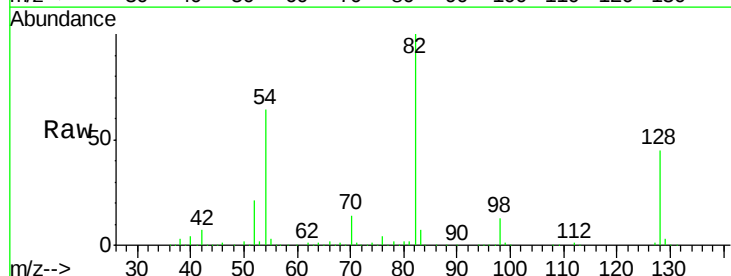


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

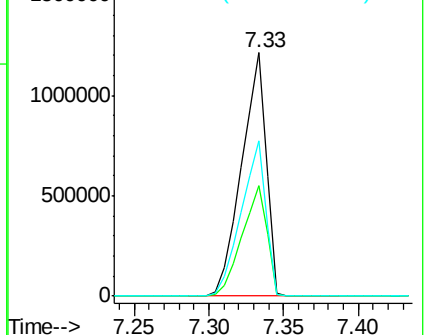
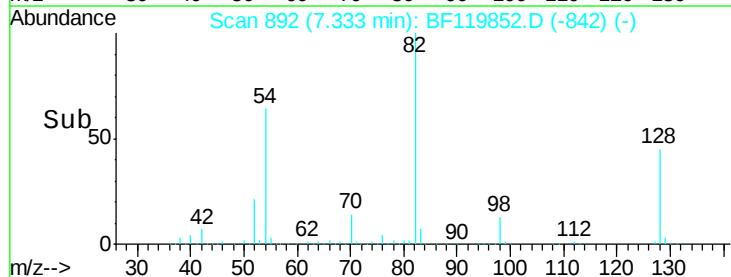


#23
Nitrobenzene-d5
Concen: 96.492 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119852.D
Acq: 9 Apr 2020 4:29

Tgt Ion: 82	Resp:	1392013
Ion Ratio	Lower	Upper
82	100	
128	45.2	36.2 54.4
54	63.7	50.4 75.6



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: 49.674 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF119852.D

Acq: 9 Apr 2020 4:29

Instrument :

BNA_F

ClientSampleId :

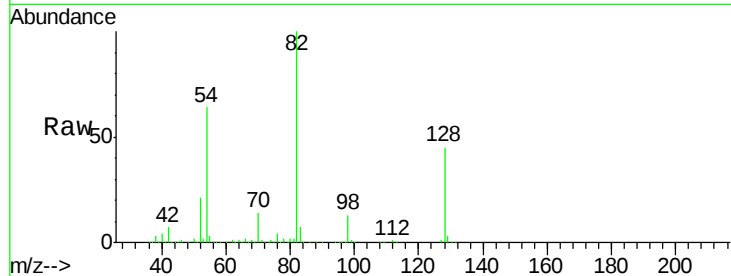
Tot Ion: 82 Resp: 1381410

Ion Ratio Lower Upper

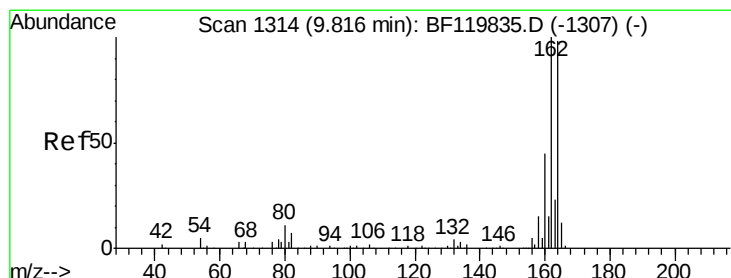
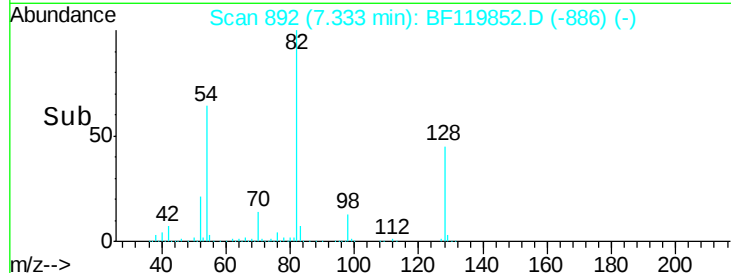
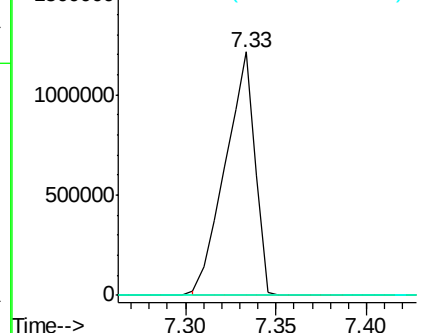
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119852.D

Acq: 9 Apr 2020 4:29

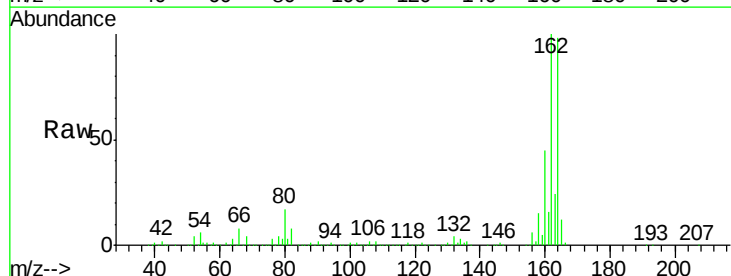
Tgt Ion:164 Resp: 439300

Ion Ratio Lower Upper

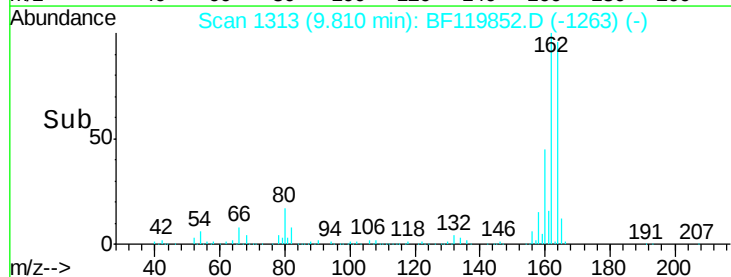
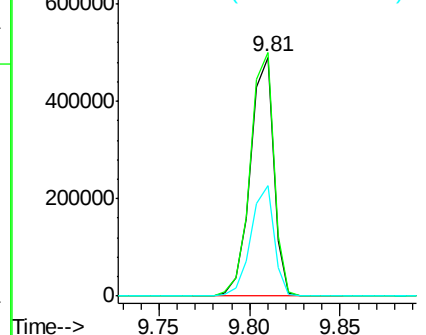
164 100

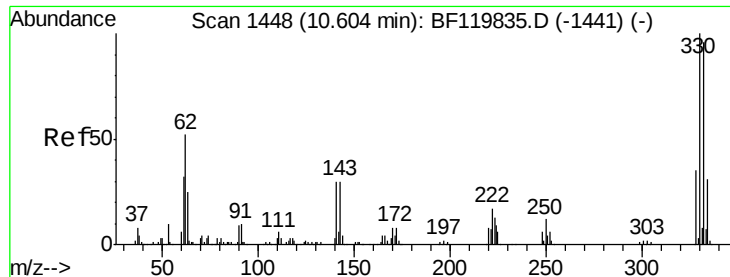
162 101.9 81.9 122.9

160 46.1 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

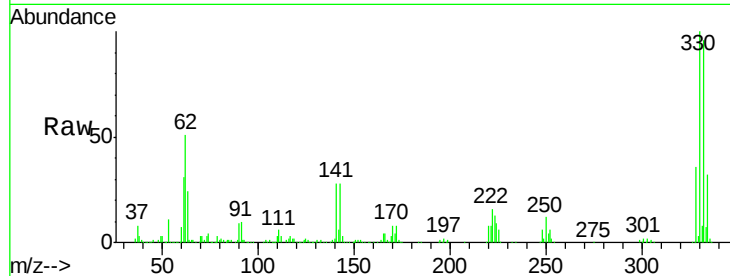




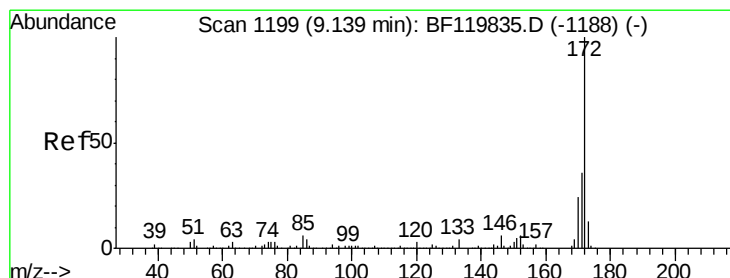
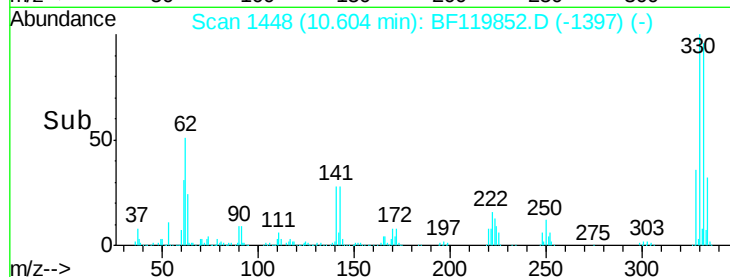
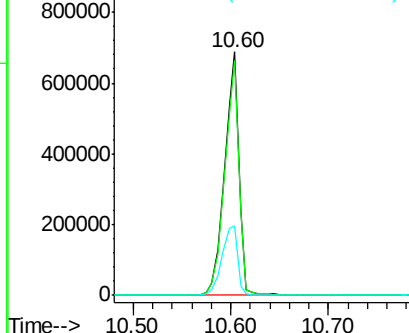
#42
 2,4,6-Tribromophenol
 Concen: 130.426 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119852.D
 Acq: 9 Apr 2020 4:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	31.5	25.1	37.7

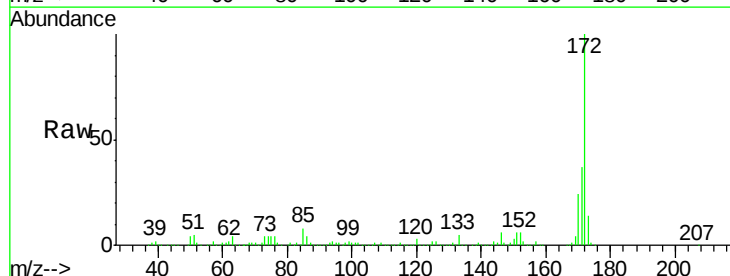


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

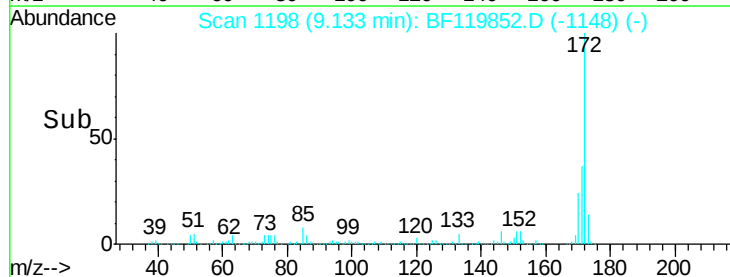
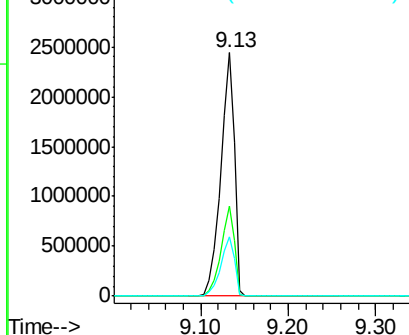


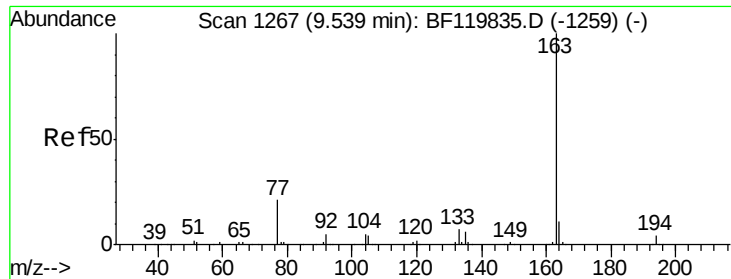
#45
 2-Fluorobiphenyl
 Concen: 85.783 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119852.D
 Acq: 9 Apr 2020 4:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.5	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: 7.730 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119852.D

Acq: 9 Apr 2020 4:29

Instrument :

BNA_F

ClientSampleId :

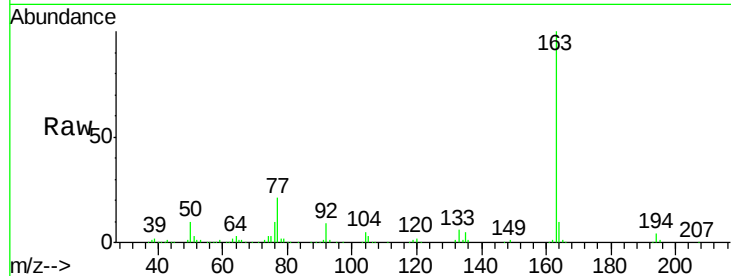
Tot Ion:163 Resp: 262661

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

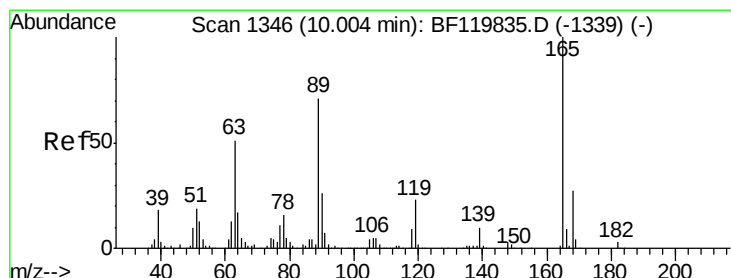
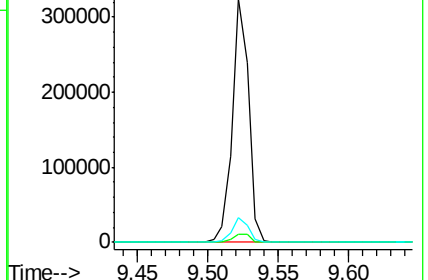
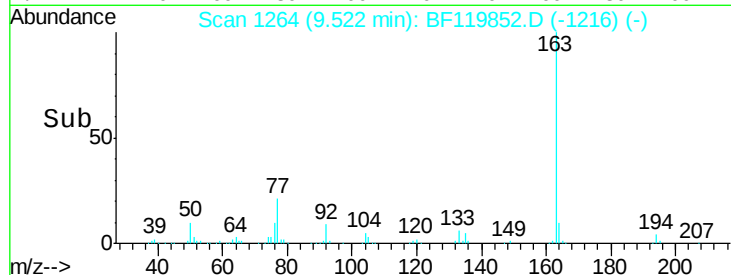
164 10.1 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.786 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BF119852.D

Acq: 9 Apr 2020 4:29

Tgt Ion:165 Resp: 56721

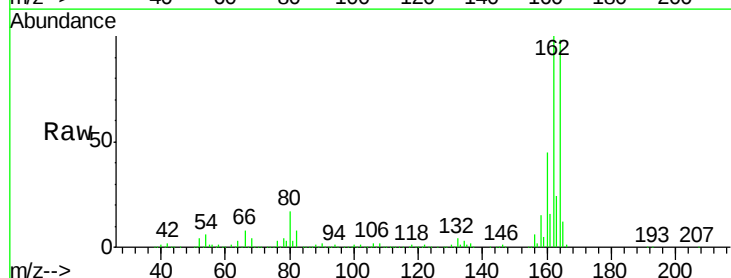
Ion Ratio Lower Upper

165 100

63 1.9 40.8 61.2#

89 1.4 56.9 85.3#

182 0.0 2.0 3.0#

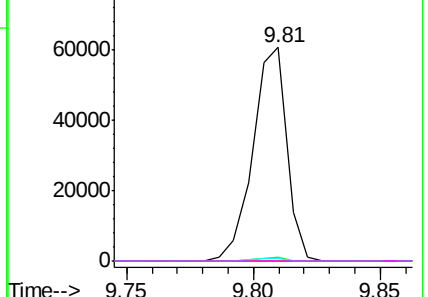
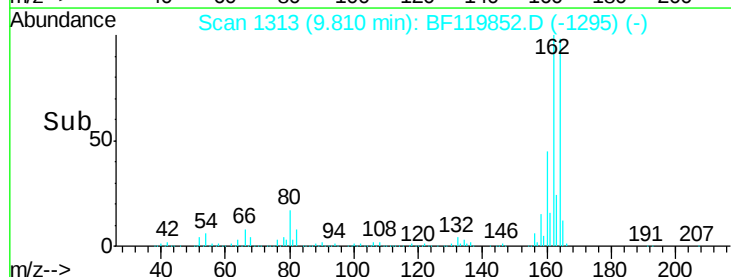


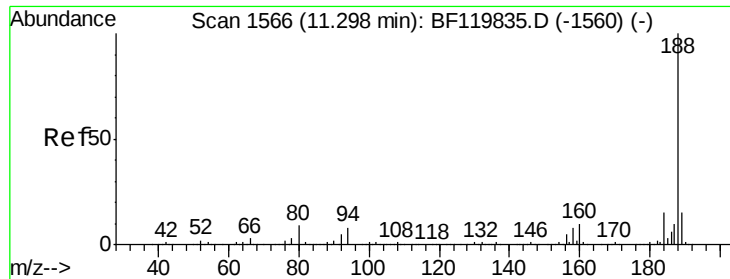
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

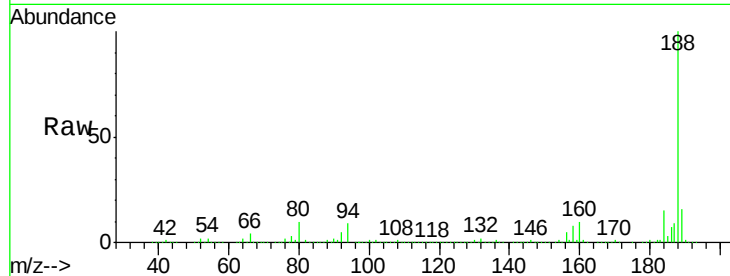




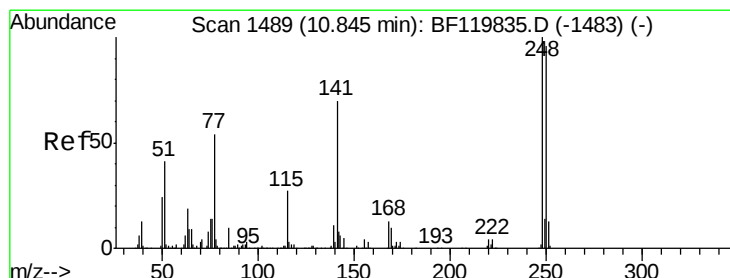
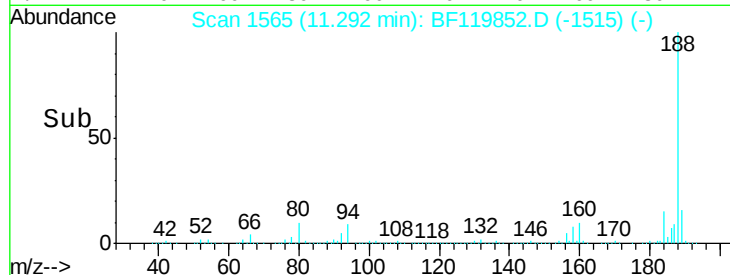
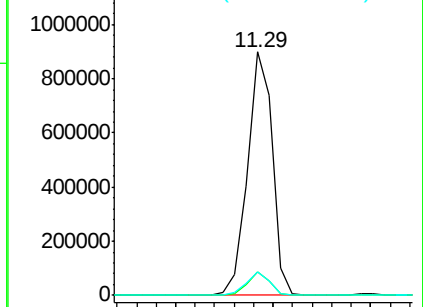
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF119852.D
 Acq: 9 Apr 2020 4:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 793606
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.7 10.1
 80 9.9 7.4 11.2

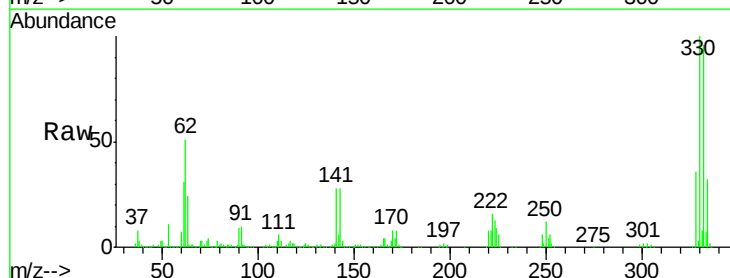


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

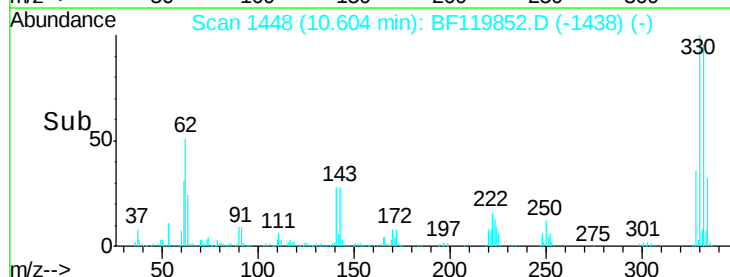
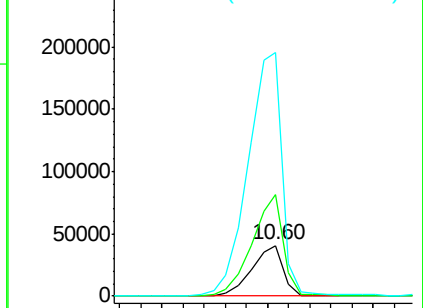


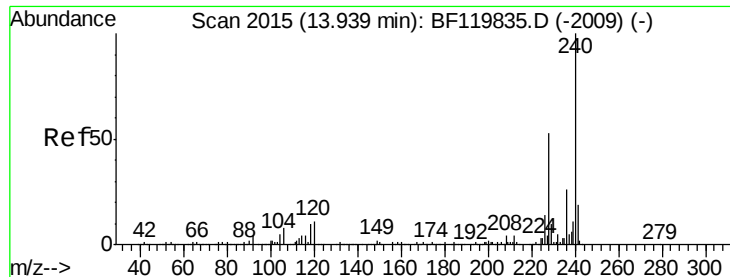
#67
 4-Bromophenyl-phenylether
 Concen: 4.309 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF119852.D
 Acq: 9 Apr 2020 4:29

Tgt Ion:248 Resp: 42523
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.6 114.8#
 141 481.7 55.9 83.9#



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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119852.D

Acq: 9 Apr 2020 4:29

Instrument :

BNA_F

ClientSampleId :

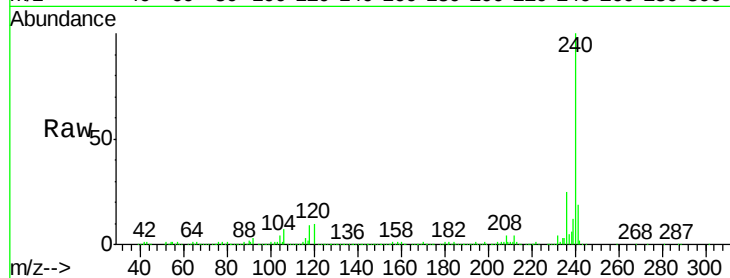
Tot Ion:240 Resp: 545625

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.6

236 25.1 20.7 31.1



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

800000

600000

400000

200000

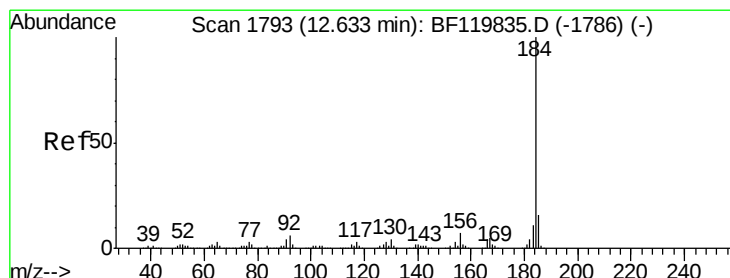
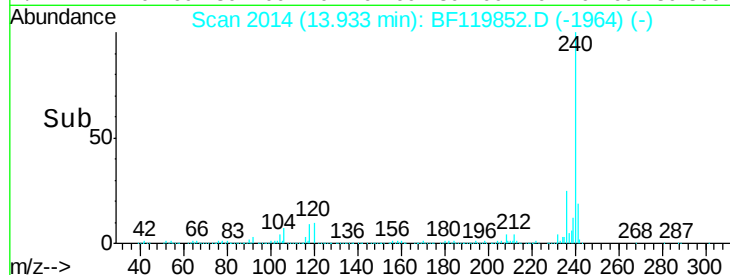
0

13.93

13.90

14.00

Time-->



#77

Benzidine

Concen: 2.189 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.26 min

Lab File: BF119852.D

Acq: 9 Apr 2020 4:29

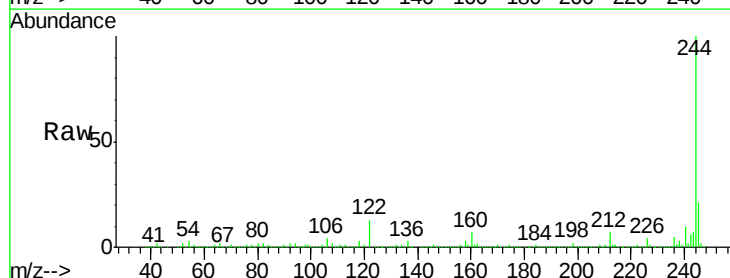
Tgt Ion:184 Resp: 40380

Ion Ratio Lower Upper

184 100

185 15.4 13.2 19.8

183 5.7 9.1 13.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

50000

40000

30000

20000

10000

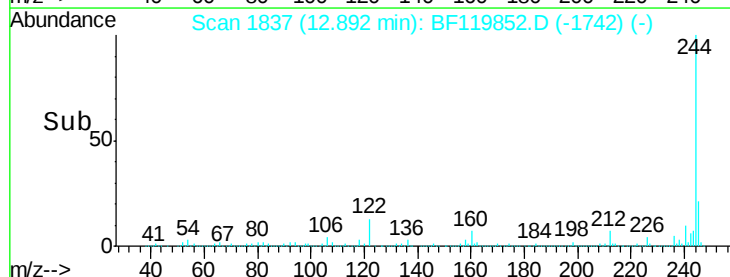
0

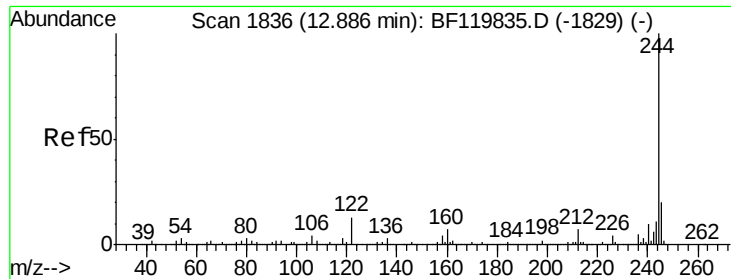
12.89

12.85

12.90

Time-->

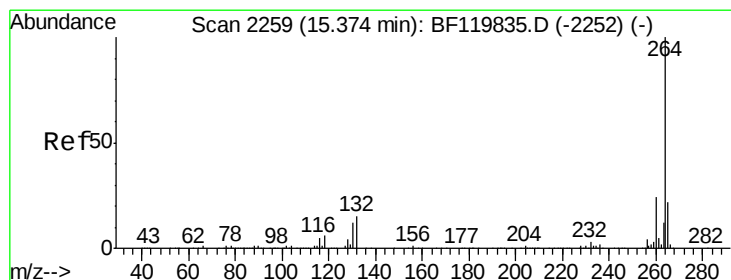
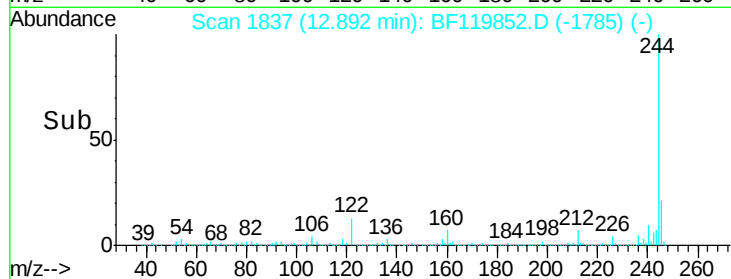
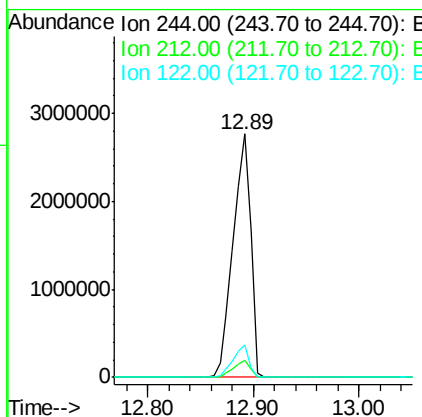
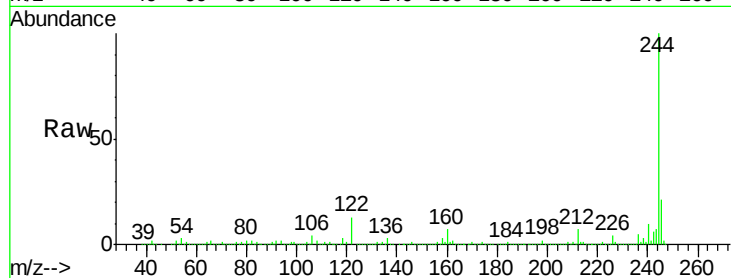




#79
 Terphenyl-d14
 Concen: 97.731 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BF119852.D
 Acq: 9 Apr 2020 4:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3169085
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.1 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BF119852.D
 Acq: 9 Apr 2020 4:29

Tgt Ion:264 Resp: 450043
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.8 17.6 26.4

