

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119851.D
 Acq On : 9 Apr 2020 4:02
 Operator : MA/SJ
 Sample : L2151-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 04:34:12 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

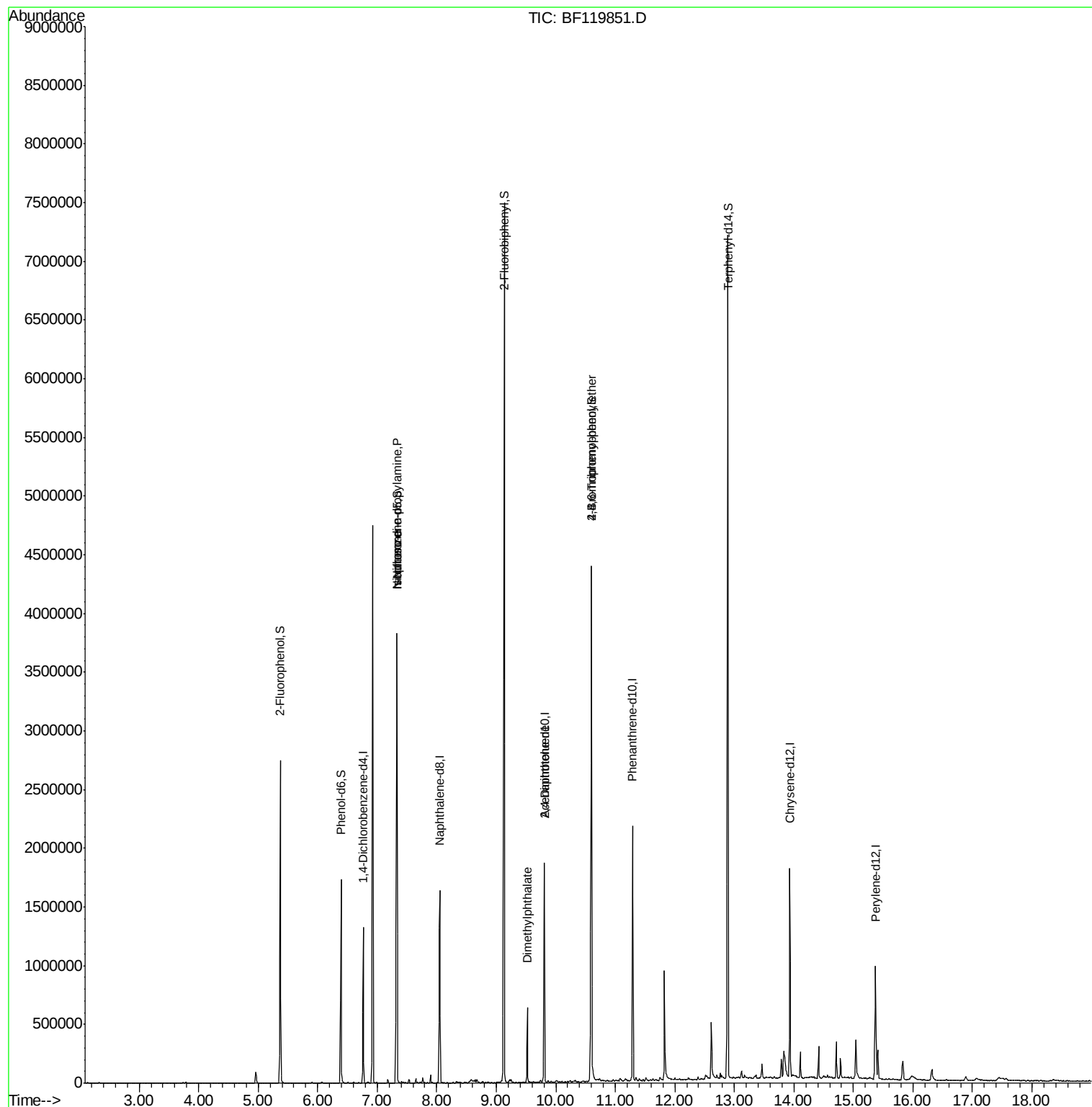
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	191500	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	745405	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	397286	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	766942	20.00	ng	0.00
76) Chrysene-d12	13.93	240	572619	20.00	ng	0.00
87) Perylene-d12	15.37	264	432633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	680313	61.39	ng	0.00
7) Phenol-d6	6.39	99	580915	40.68	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1382469	95.95	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	662658	136.23	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2639767	94.34	ng	0.00
79) Terphenyl-d14	12.89	244	2952573	86.76	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	208	Below Cal		Qvalue # 79
19) n-Nitroso-di-n-propylamine	7.33	70	182474	19.874	ng	# 77
25) Isophorone	7.33	82	1369383	49.302	ng	# 65
50) Dimethylphthalate	9.52	163	218428	7.108	ng	100
57) 2,4-Dinitrotoluene	9.81	165	51964	5.861	ng	# 23
67) 4-Bromophenyl-phenylether	10.60	248	40449	4.241	ng	# 1

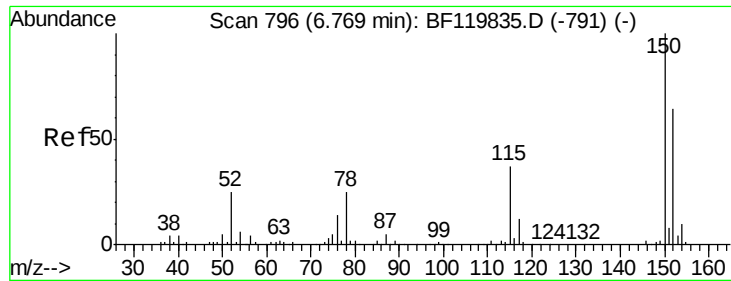
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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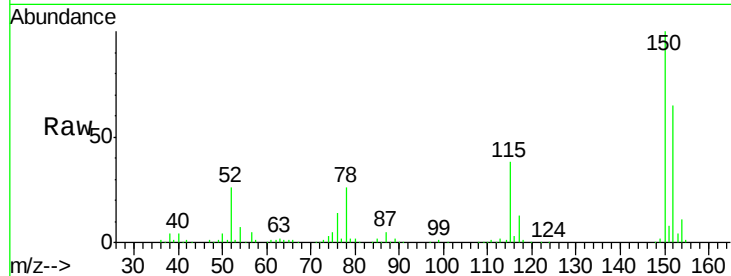


#1

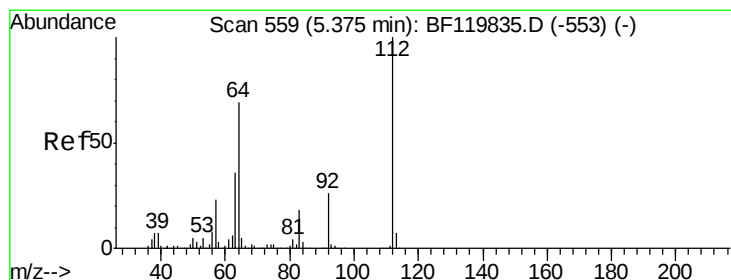
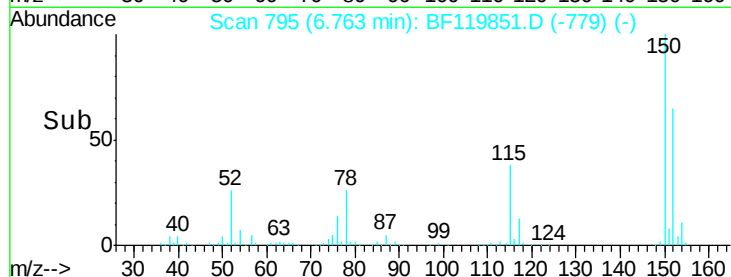
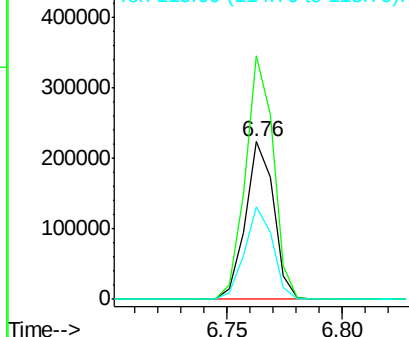
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119851.D
Acq: 9 Apr 2020 4:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.8	187.2
115	59.0	46.5	69.7



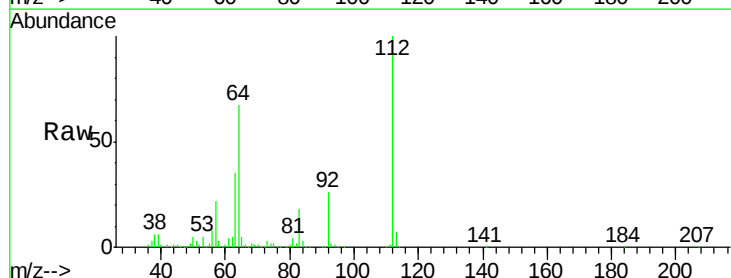
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



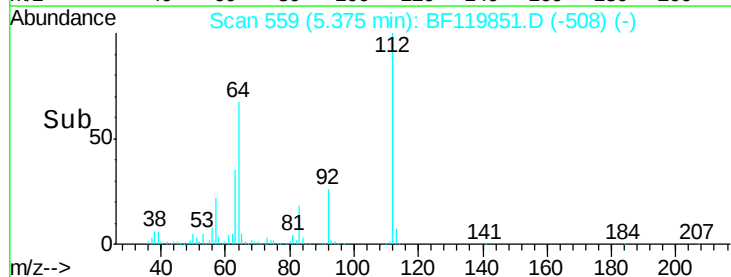
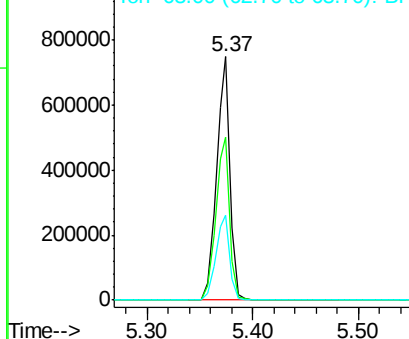
#5

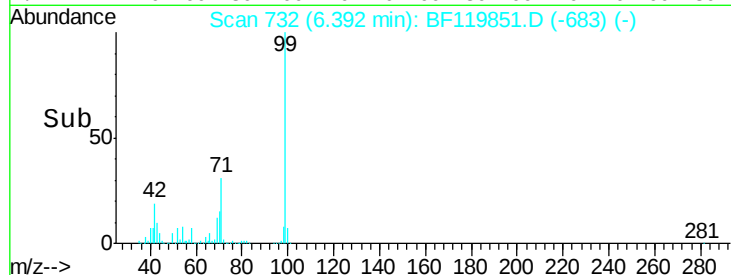
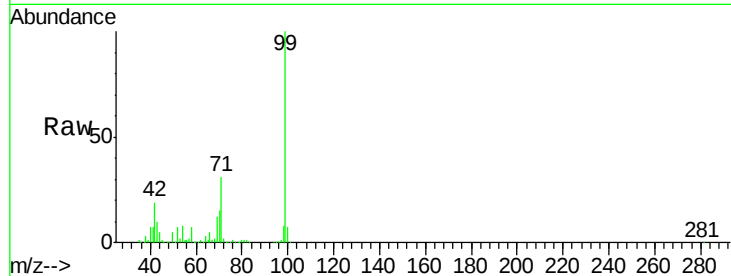
2-Fluorophenol
Concen: 61.395 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119851.D
Acq: 9 Apr 2020 4:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	55.5	83.3
63	34.9	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: 40.685 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119851.D

Acq: 9 Apr 2020 4:02

Instrument :

BNA_F

ClientSampleId :

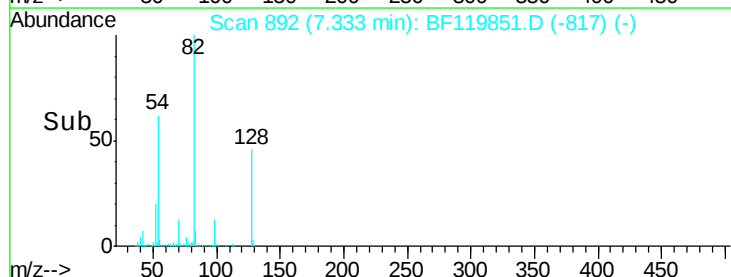
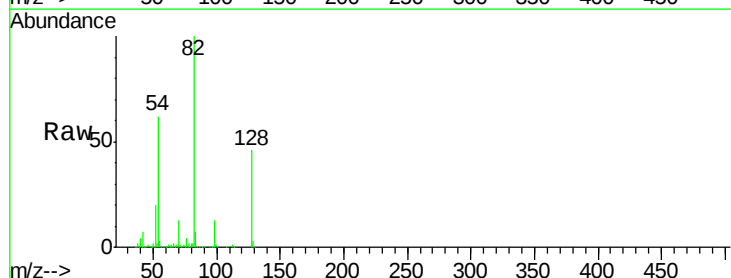
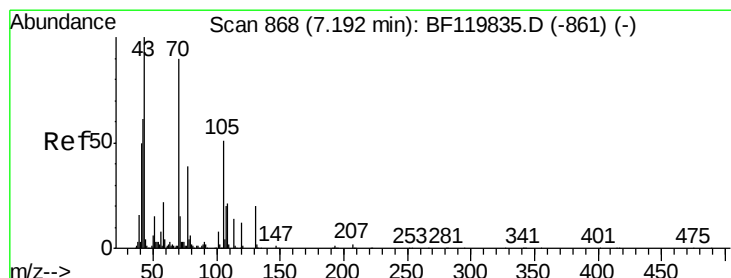
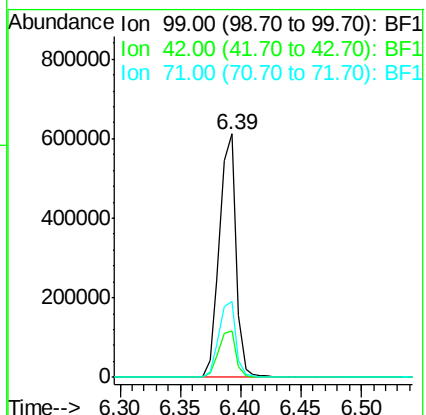
Tot Ion: 99 Resp: 580915

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 31.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 19.874 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF119851.D

Acq: 9 Apr 2020 4:02

Tgt Ion: 70 Resp: 182474

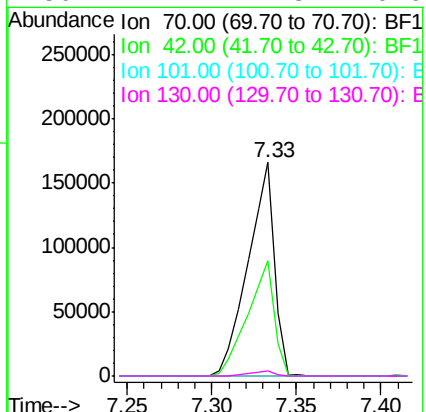
Ion Ratio Lower Upper

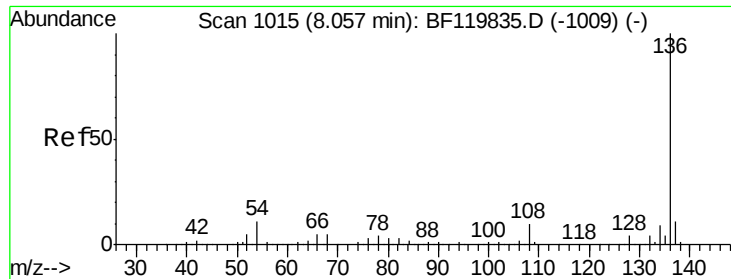
70 100

42 53.9 54.2 81.4#

101 0.0 7.4 11.2#

130 2.7 17.8 26.6#

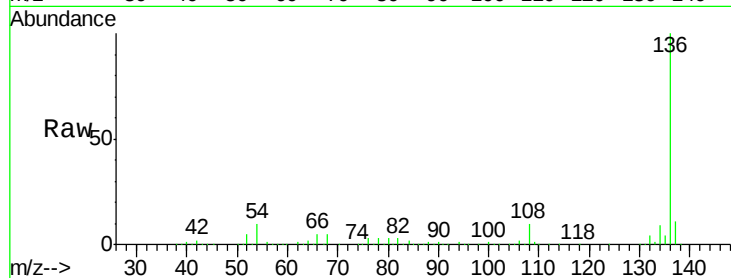




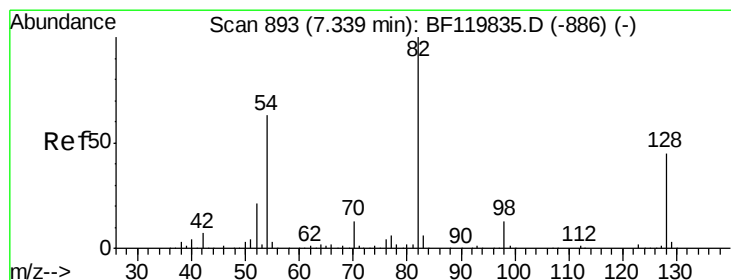
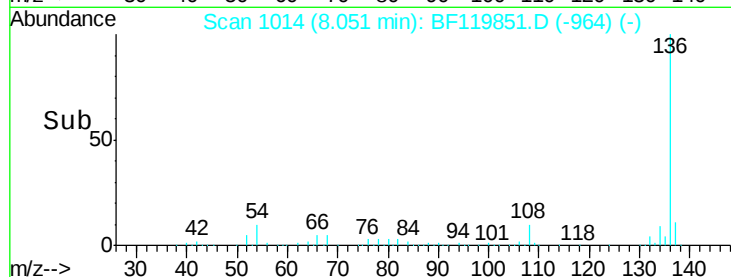
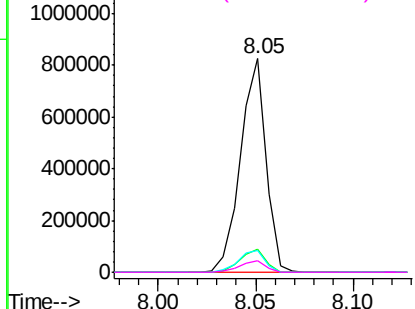
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119851.D
Acq: 9 Apr 2020 4:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	745405
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	9.9	8.5 12.7
68	5.2	3.9 5.9

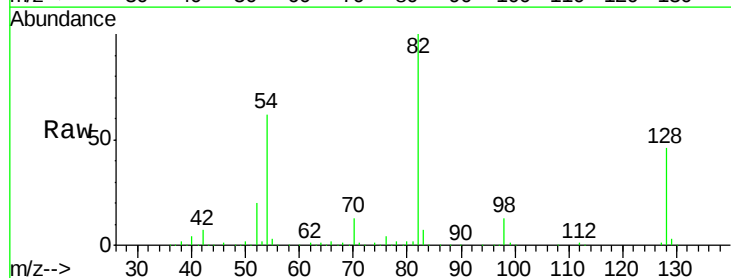


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

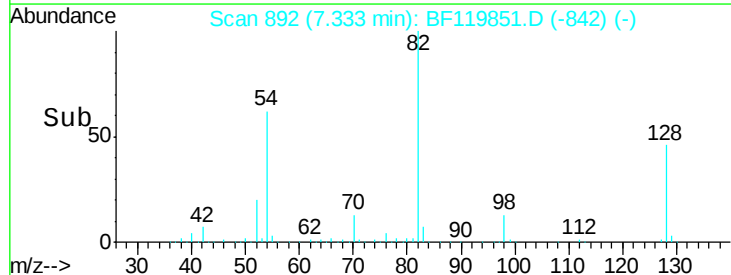
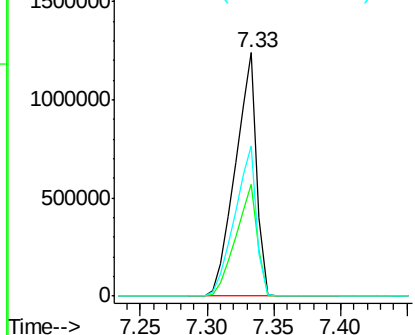


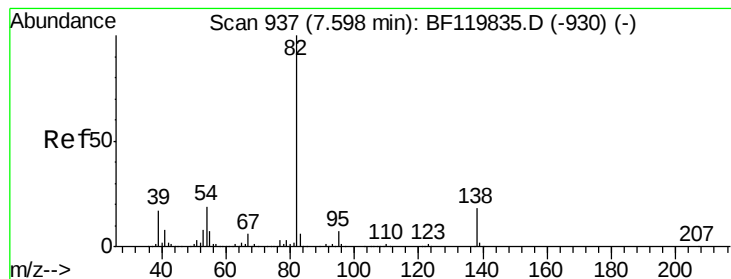
#23
Nitrobenzene-d5
Concen: 95.948 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119851.D
Acq: 9 Apr 2020 4:02

Tgt Ion: 82	Resp:	1382469
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.2 54.4
54	61.8	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: 49.302 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF119851.D

Acq: 9 Apr 2020 4:02

Instrument :

BNA_F

ClientSampleId :

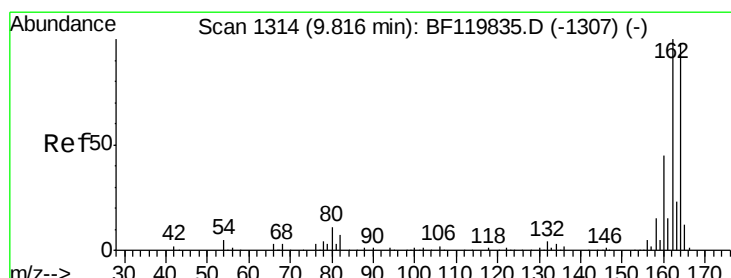
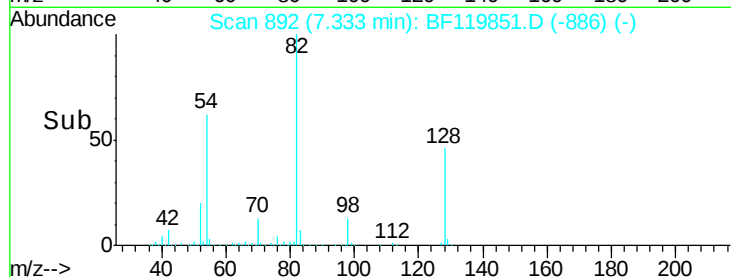
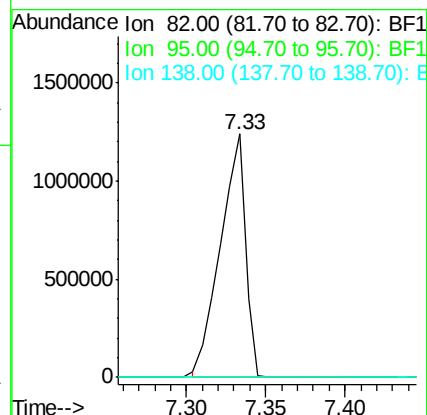
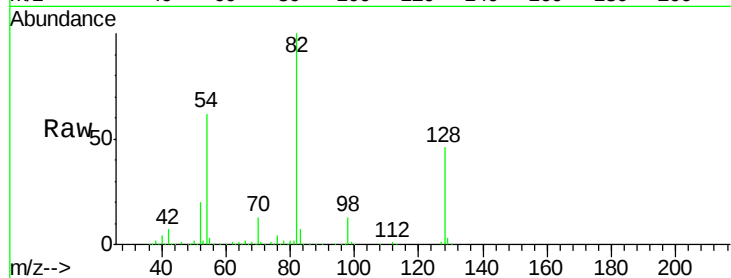
Tot Ion: 82 Resp: 1369383

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119851.D

Acq: 9 Apr 2020 4:02

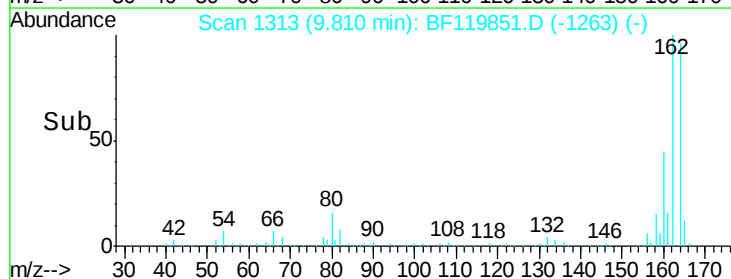
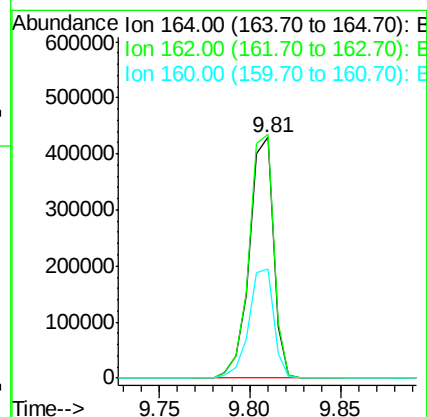
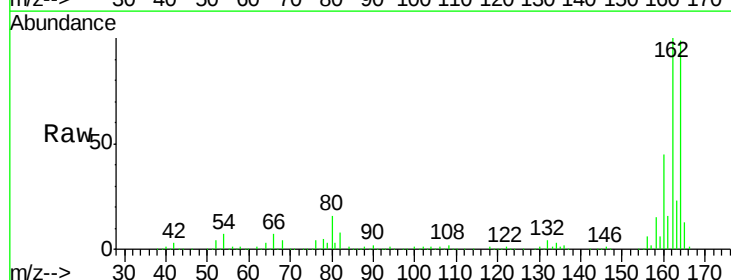
Tgt Ion:164 Resp: 397286

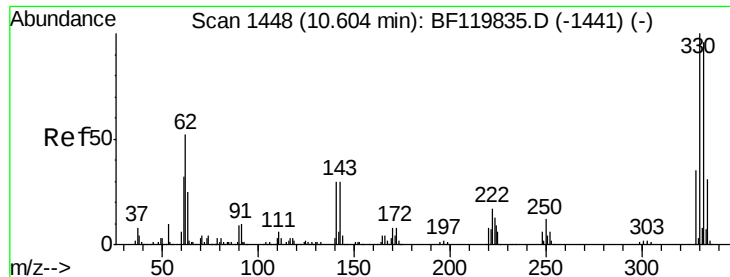
Ion Ratio Lower Upper

164 100

162 101.3 81.9 122.9

160 45.5 36.6 54.8

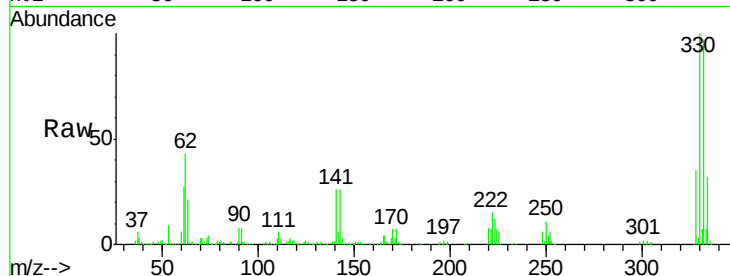




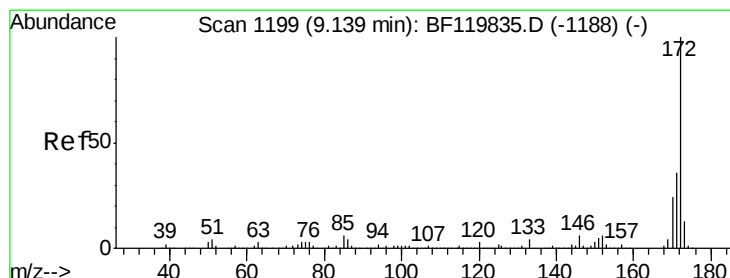
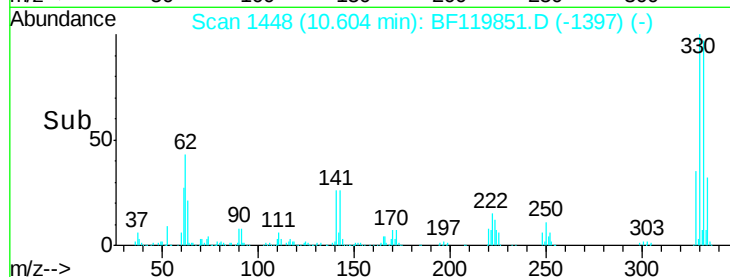
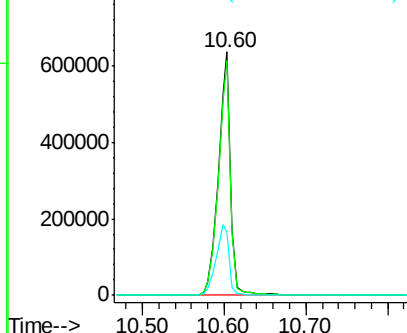
#42
 2,4,6-Tribromophenol
 Concen: 136.234 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119851.D
 Acq: 9 Apr 2020 4:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 662658
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 31.2 25.1 37.7

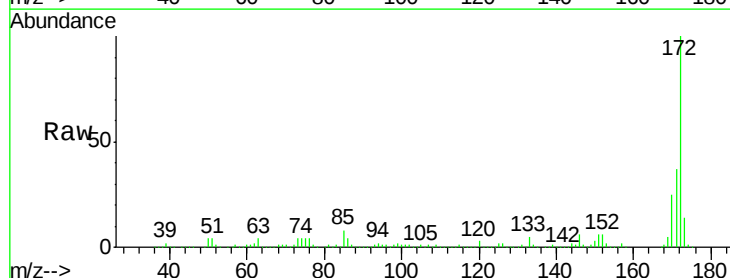


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

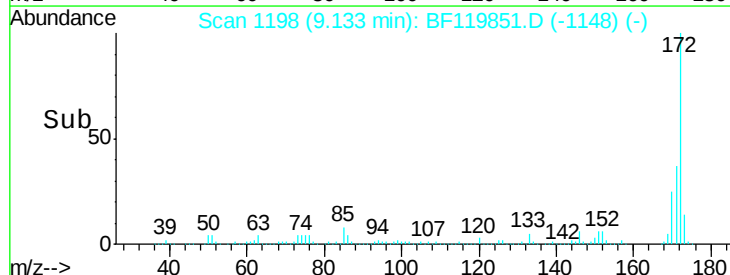
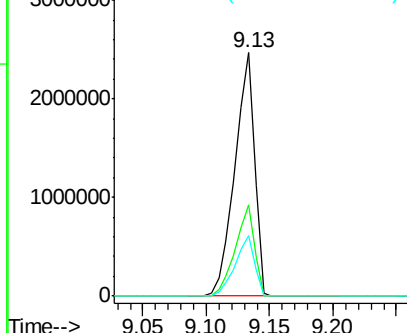


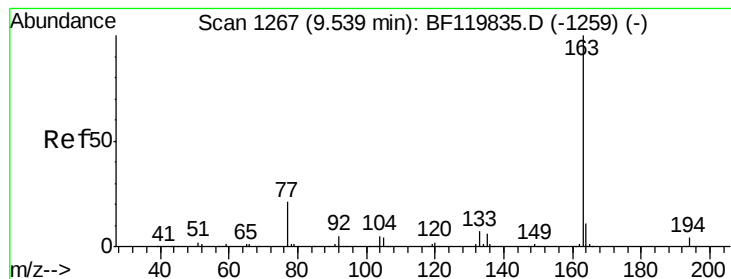
#45
 2-Fluorobiphenyl
 Concen: 94.337 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119851.D
 Acq: 9 Apr 2020 4:02

Tgt Ion:172 Resp: 2639767
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 24.7 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: 7.108 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119851.D

Acq: 9 Apr 2020 4:02

Instrument :

BNA_F

ClientSampleId :

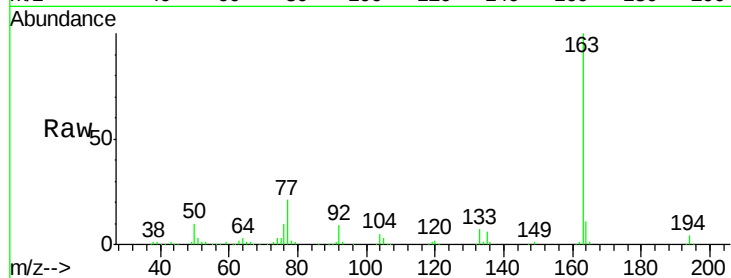
Tot Ion:163 Resp: 218428

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

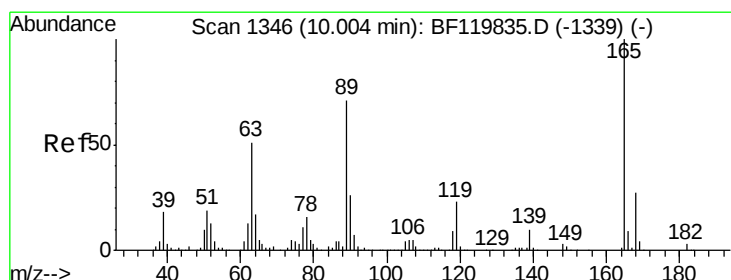
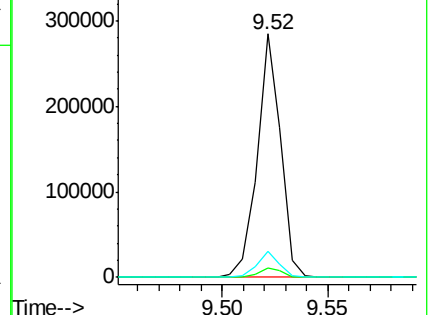
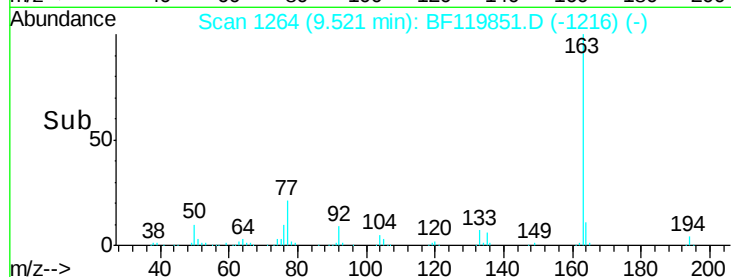
164 10.6 8.4 12.6



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: 5.861 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BF119851.D

Acq: 9 Apr 2020 4:02

Tgt Ion:165 Resp: 51964

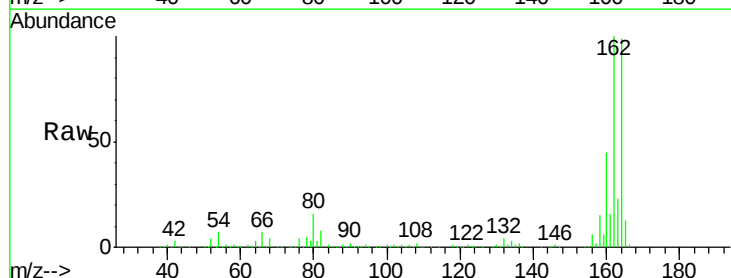
Ion Ratio Lower Upper

165 100

63 2.0 40.8 61.2#

89 1.0 56.9 85.3#

182 0.0 2.0 3.0#

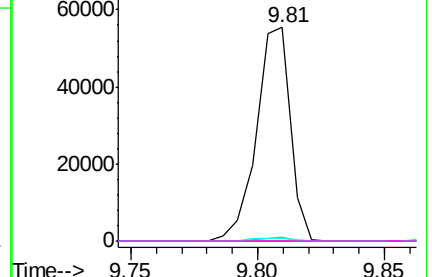
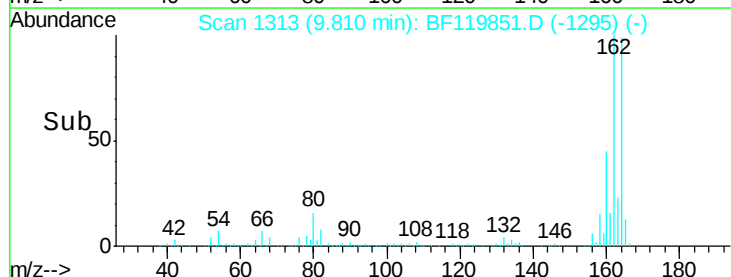


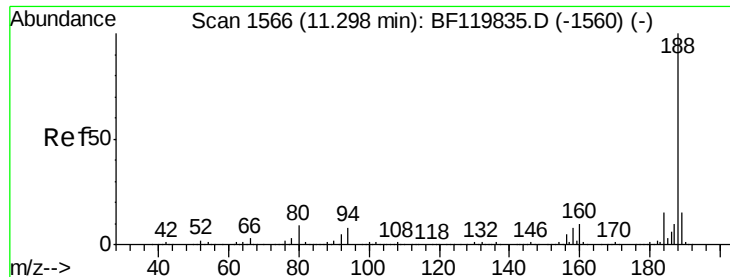
Abundance Ion 165.00 (164.70 to 165.70): E

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

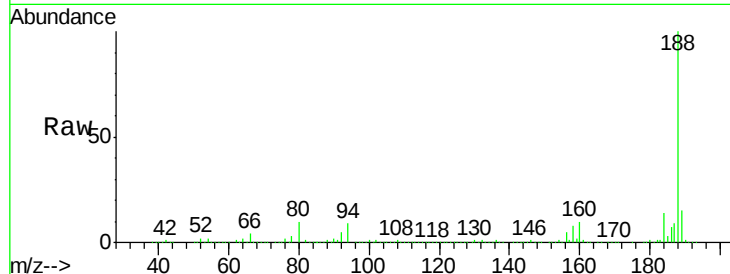




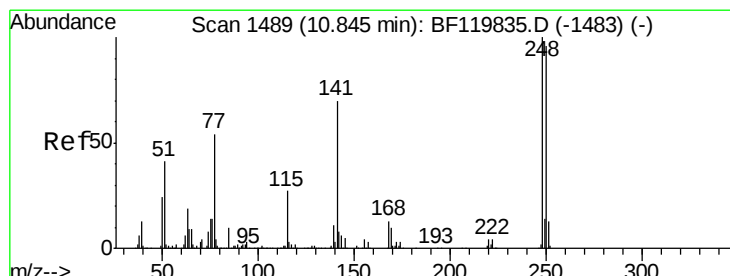
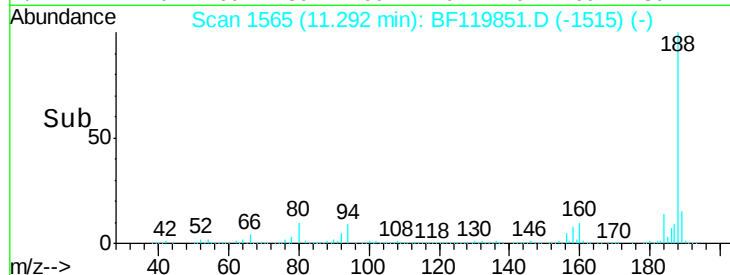
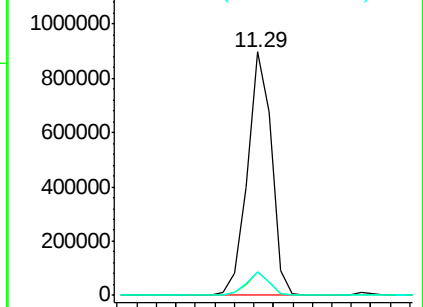
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF119851.D
 Acq: 9 Apr 2020 4:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 766942
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.7 10.1
 80 9.9 7.4 11.2

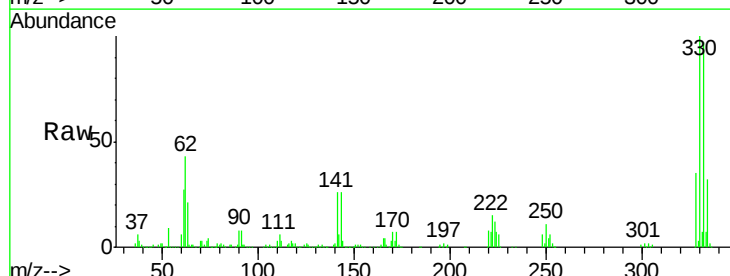


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

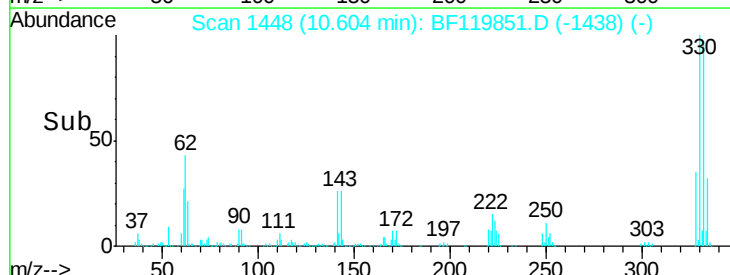
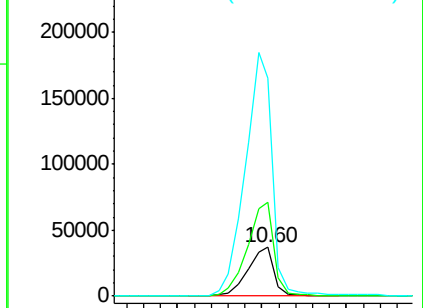


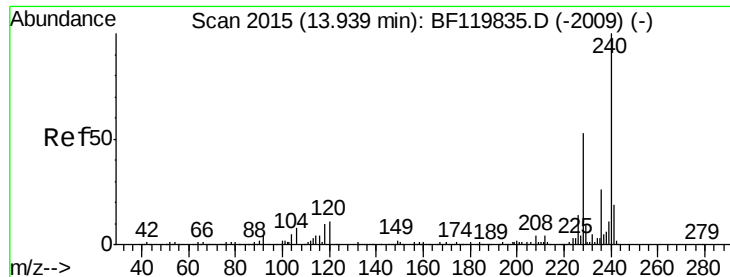
#67
 4-Bromophenyl-phenylether
 Concen: 4.241 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF119851.D
 Acq: 9 Apr 2020 4:02

Tgt Ion:248 Resp: 40449
 Ion Ratio Lower Upper
 248 100
 250 192.1 76.6 114.8#
 141 446.8 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: BF119851.D

Acq: 9 Apr 2020 4:02

Instrument :

BNA_F

ClientSampled :

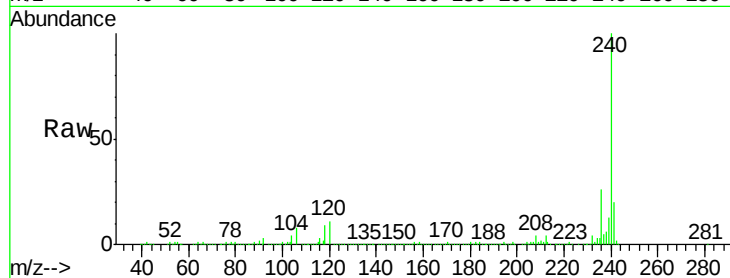
Tot Ion:240 Resp: 572619

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

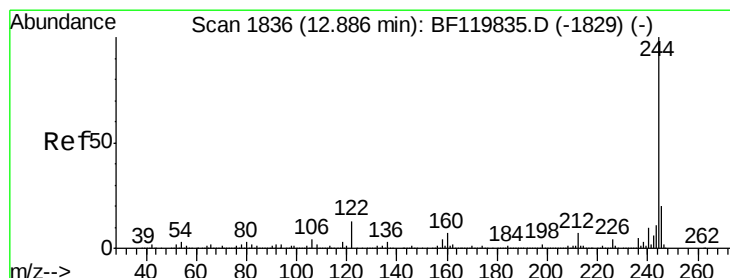
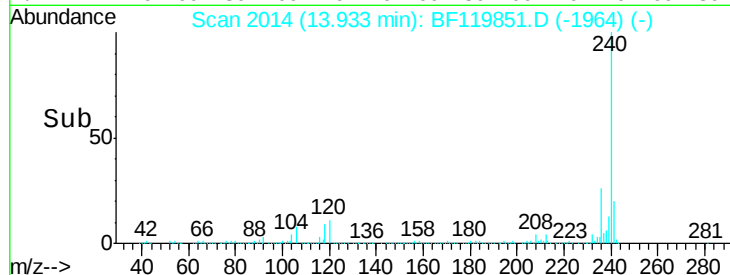
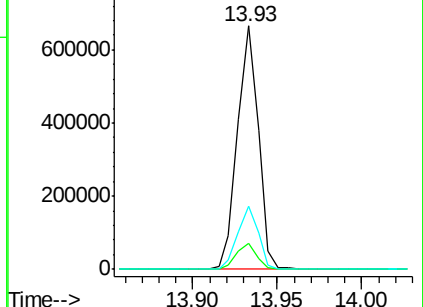
236 25.7 20.7 31.1



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



#79

Terphenyl-d14

Concen: 86.762 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119851.D

Acq: 9 Apr 2020 4:02

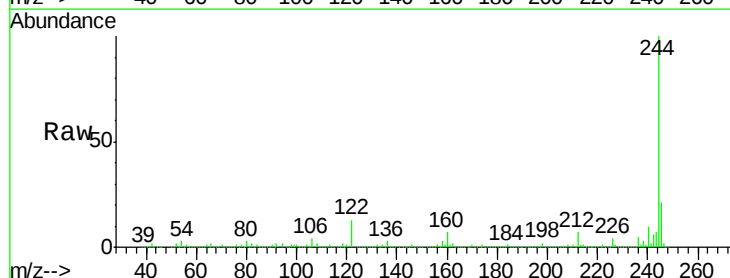
Tgt Ion:244 Resp: 2952573

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

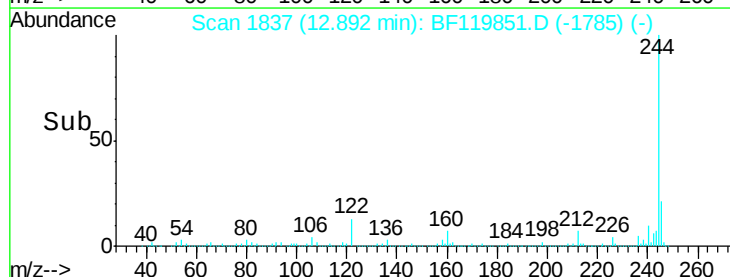
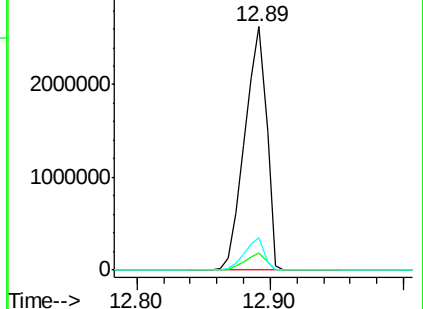
122 13.1 10.3 15.5

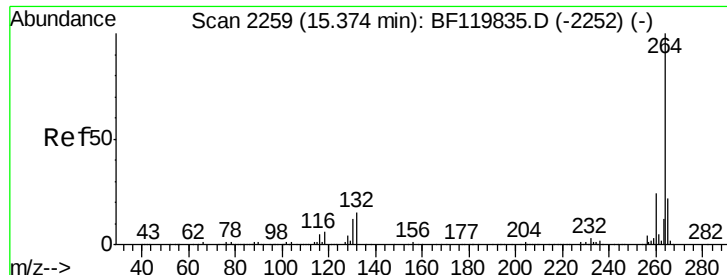


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

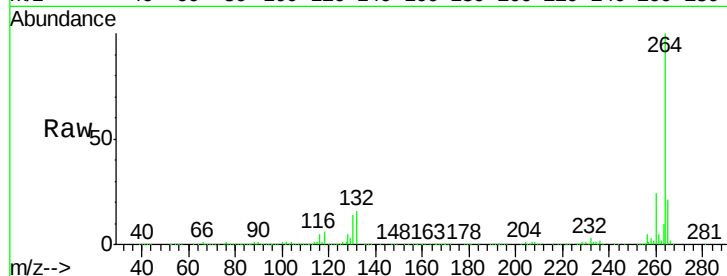




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BF119851.D
 Acq: 9 Apr 2020 4:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	20.8	17.6	26.4



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

