

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119925.D
 Acq On : 13 Apr 2020 19:57
 Operator : MA/SJ
 Sample : L2205-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-B

Quant Time: Apr 14 00:43:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

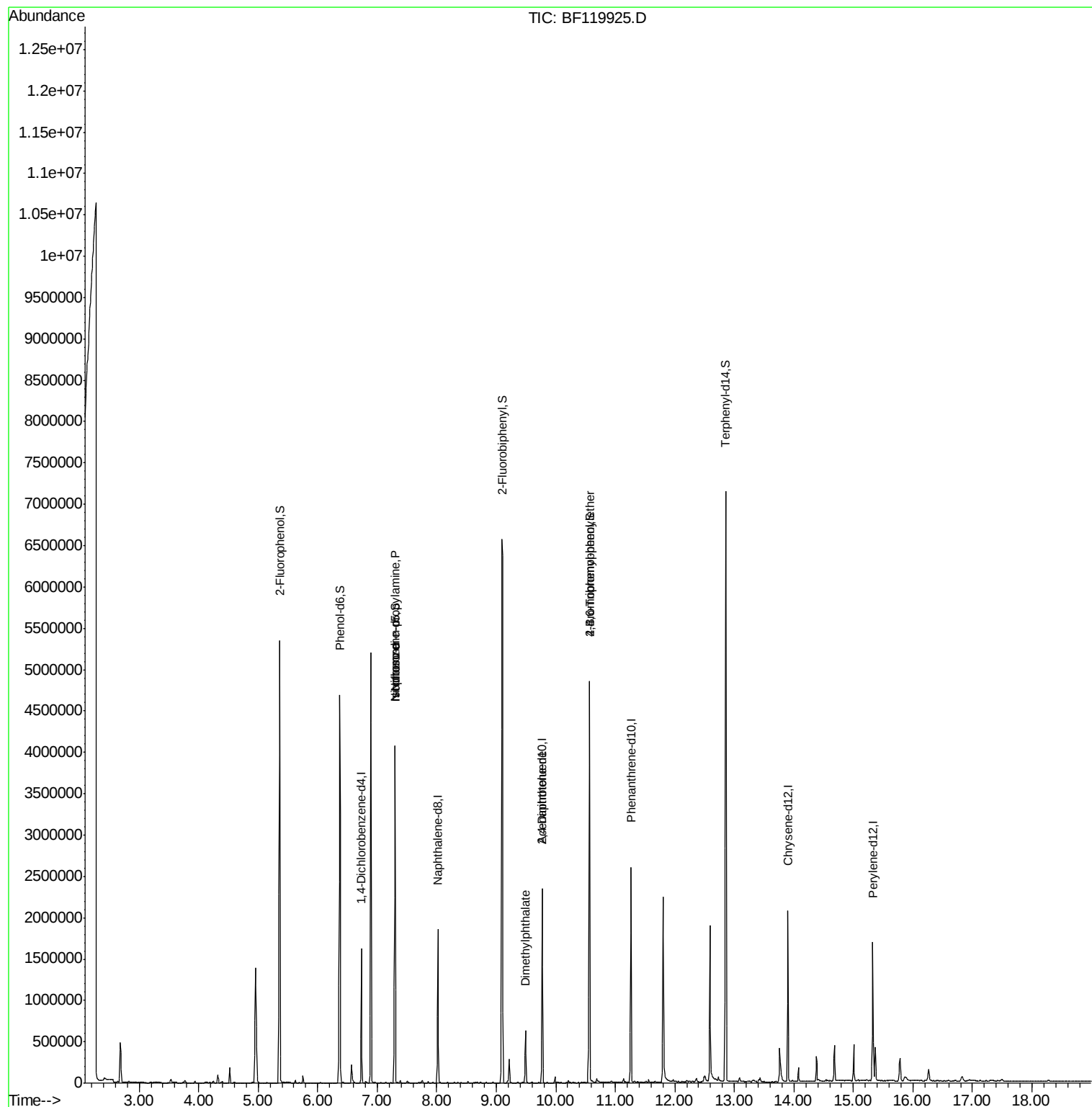
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	237638	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	901725	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	475873	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	941574	20.00	ng	0.00
76) Chrysene-d12	13.90	240	757434	20.00	ng	0.00
87) Perylene-d12	15.33	264	740463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1643407	119.51	ng	0.02
7) Phenol-d6	6.37	99	1939317	109.45	ng	0.00
23) Nitrobenzene-d5	7.30	82	1395992	80.09	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	713711	122.50	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2549046	76.05	ng	0.00
79) Terphenyl-d14	12.86	244	3165679	70.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	123	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.30	70	187393	16.447	ng	# 75
25) Isophorone	7.30	82	1390041	41.370	ng	# 65
50) Dimethylphthalate	9.49	163	244302	6.637	ng	# 99
57) 2,4-Dinitrotoluene	9.77	165	62209	5.858	ng	# 23
67) 4-Bromophenyl-phenylether	10.57	248	43328	3.700	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119925.D
Acq On : 13 Apr 2020 19:57
Operator : MA/SJ
Sample : L2205-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

Quant Time: Apr 14 00:43:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 13:37:50 2020
Response via : Initial Calibration

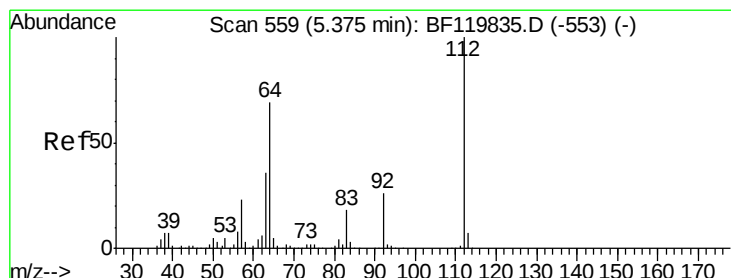
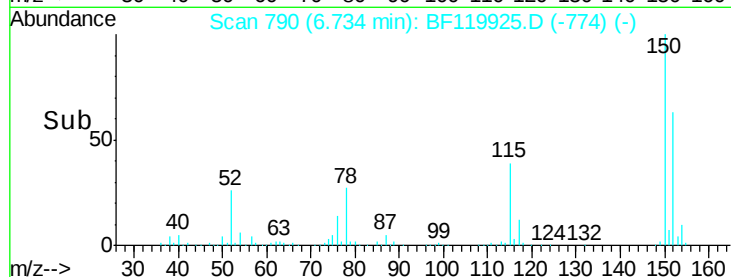
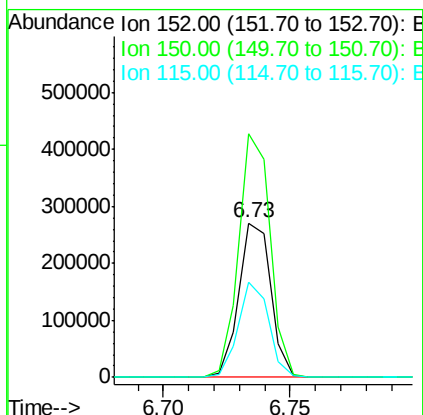
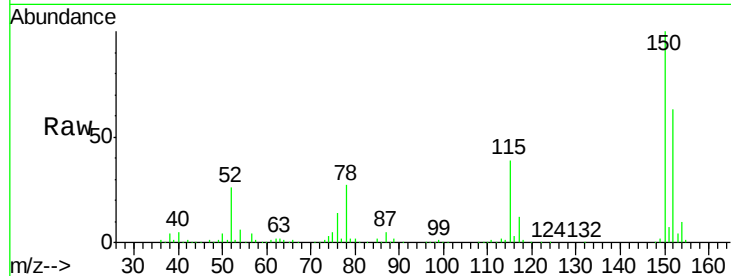




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119925.D
 Acq: 13 Apr 2020 19:57

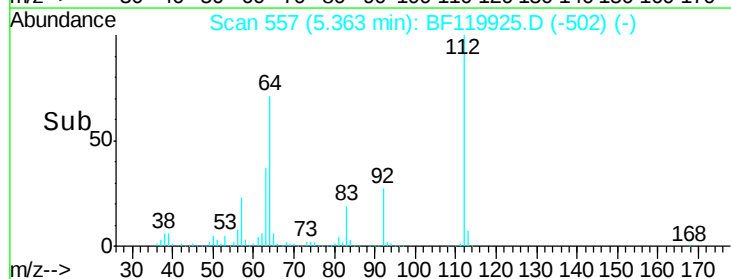
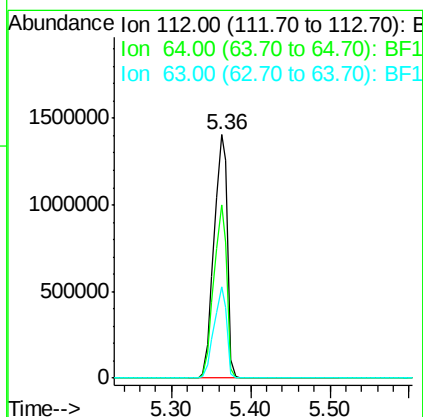
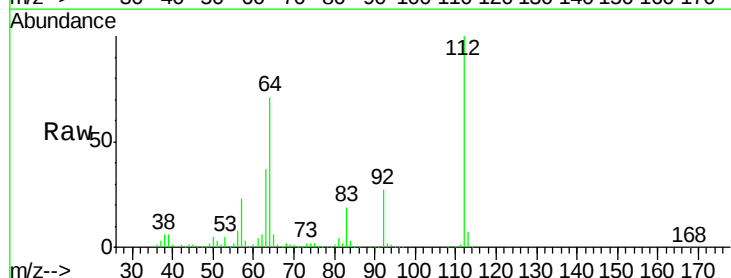
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-B

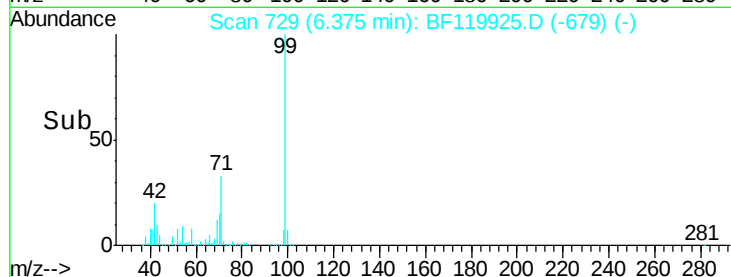
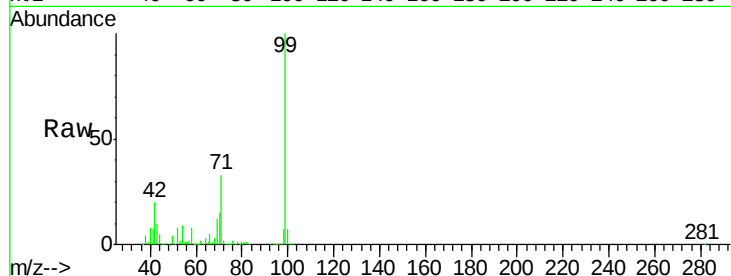
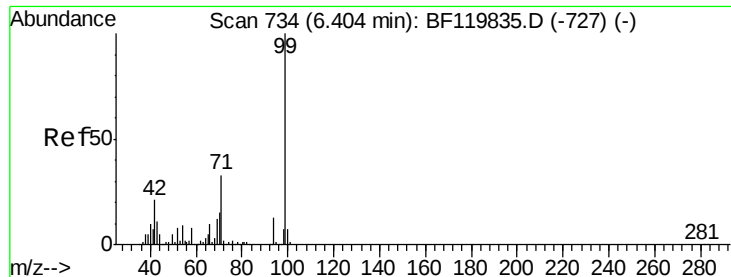
Tot Ion:152 Resp: 237638
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.8 187.2
 115 61.3 46.5 69.7



#5
 2-Fluorophenol
 Concen: 119.514 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF119925.D
 Acq: 13 Apr 2020 19:57

Tgt Ion:112 Resp: 1643407
 Ion Ratio Lower Upper
 112 100
 64 70.9 55.5 83.3
 63 37.3 29.1 43.7





#7

Phenol-d6

Concen: 109.452 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119925.D

Acq: 13 Apr 2020 19:57

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-B

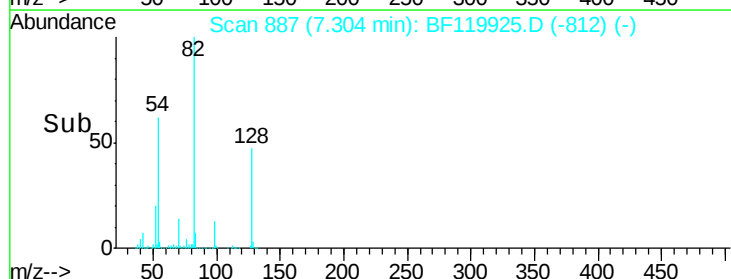
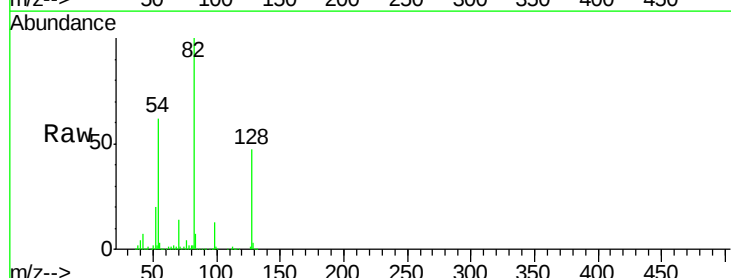
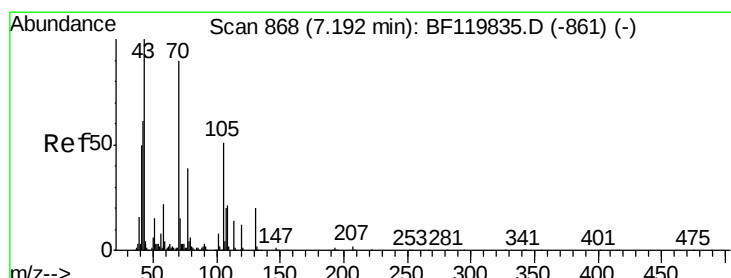
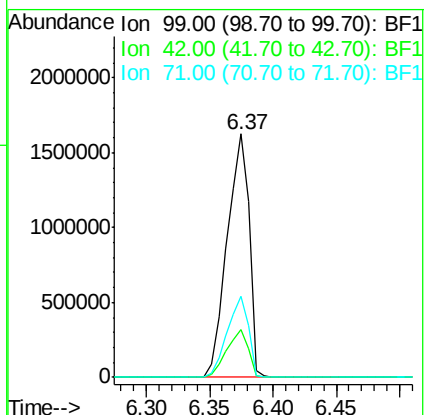
Tot Ion: 99 Resp: 1939317

Ion Ratio Lower Upper

99 100

42 19.7 16.9 25.3

71 33.2 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 16.447 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.14 min

Lab File: BF119925.D

Acq: 13 Apr 2020 19:57

Tgt Ion: 70 Resp: 187393

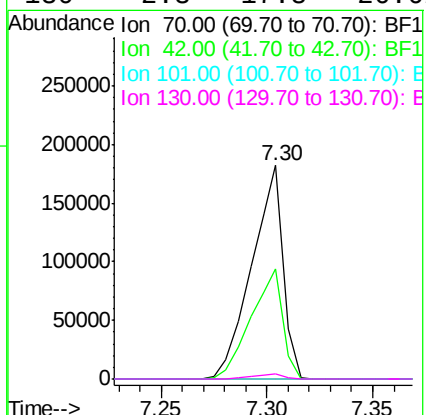
Ion Ratio Lower Upper

70 100

42 51.6 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

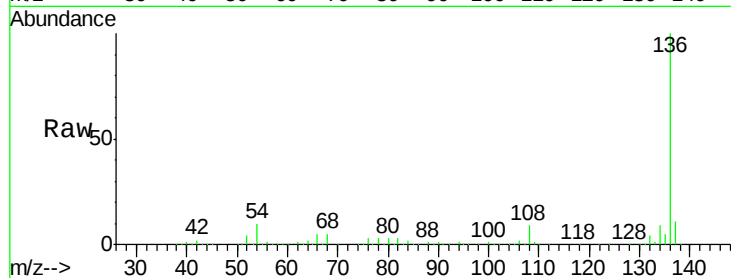




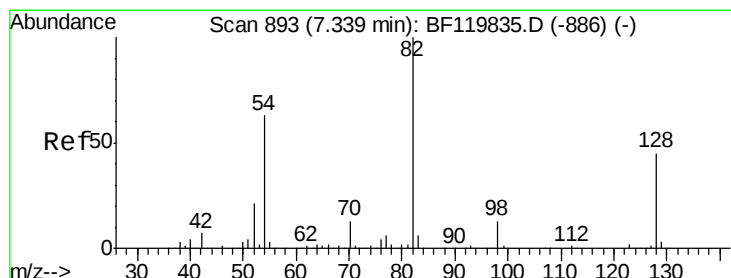
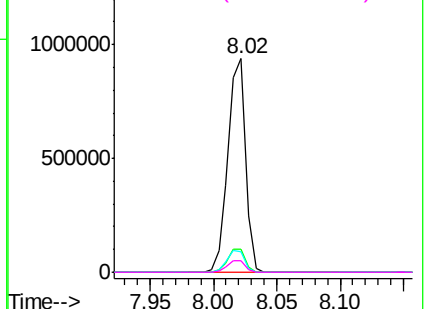
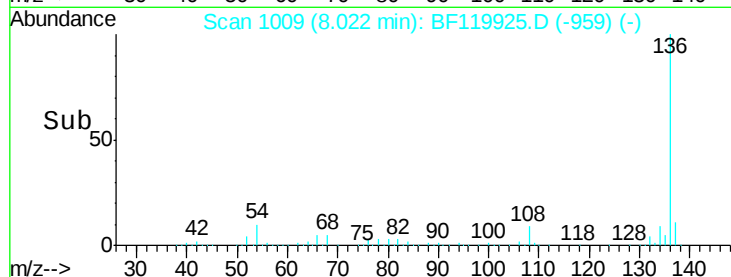
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119925.D
Acq: 13 Apr 2020 19:57

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

Tot Ion:136	Resp:	901725
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	9.7	8.5 12.7
68	5.3	3.9 5.9

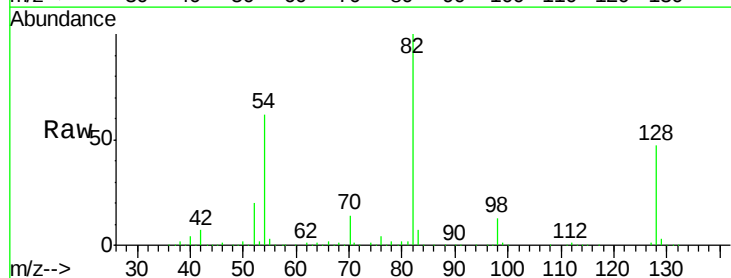


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

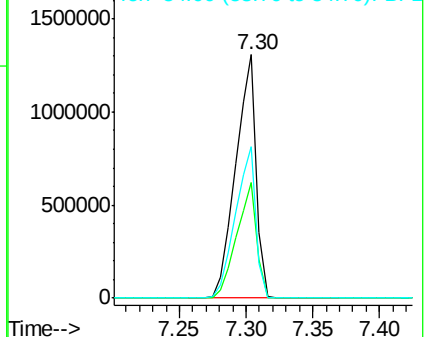
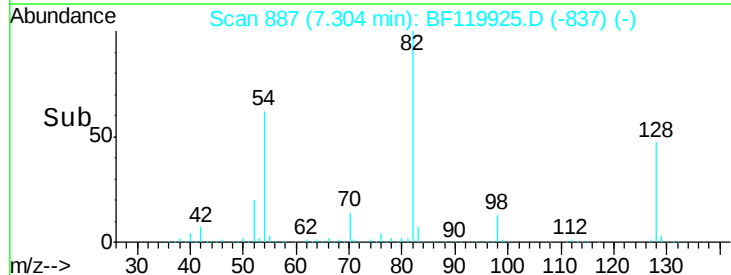


#23
Nitrobenzene-d5
Concen: 80.091 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119925.D
Acq: 13 Apr 2020 19:57

Tgt Ion: 82	Resp:	1395992
Ion Ratio	Lower	Upper
82	100	
128	47.3	36.2 54.4
54	62.1	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: 41.370 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF119925.D

Acq: 13 Apr 2020 19:57

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-B

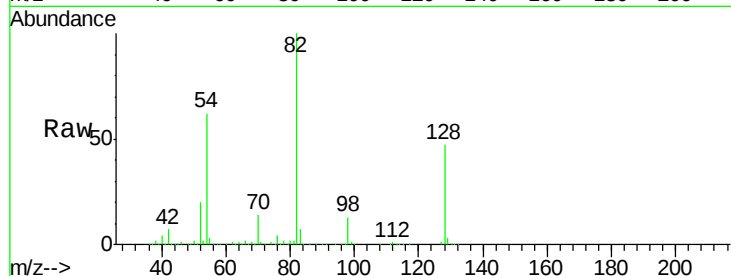
Tot Ion: 82 Resp: 1390041

Ion Ratio Lower Upper

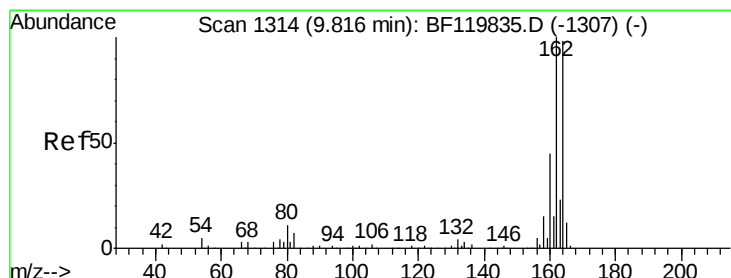
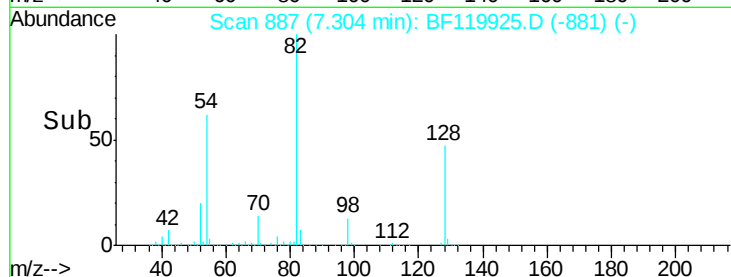
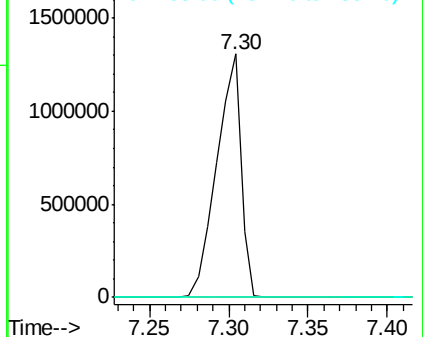
82 100

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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119925.D

Acq: 13 Apr 2020 19:57

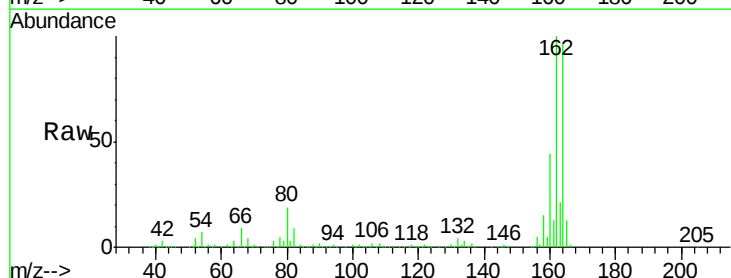
Tgt Ion:164 Resp: 475873

Ion Ratio Lower Upper

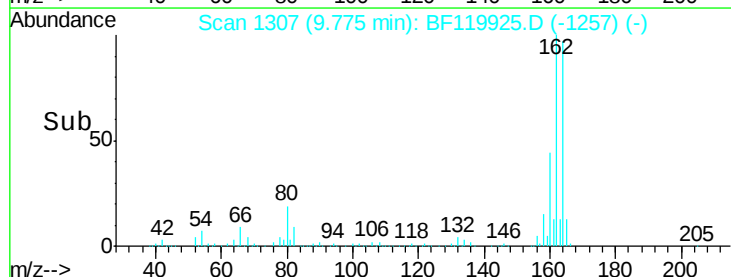
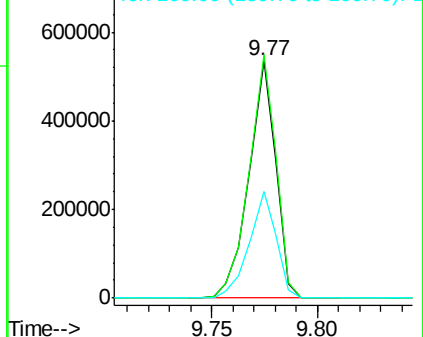
164 100

162 102.6 81.9 122.9

160 44.9 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

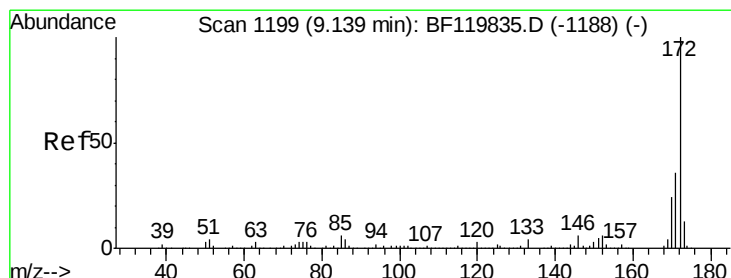
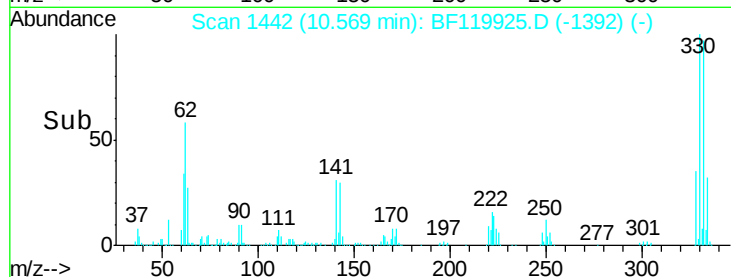
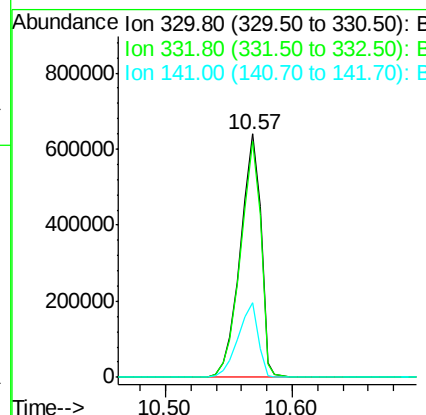
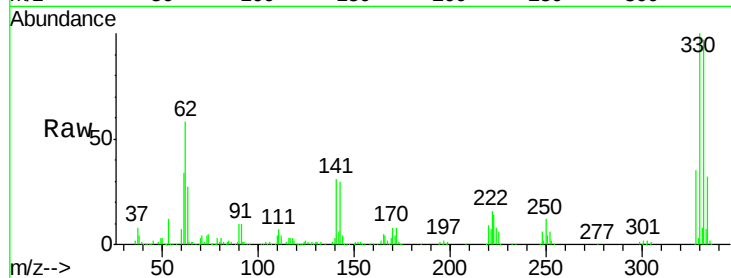




#42
 2,4,6-Tribromophenol
 Concen: 122.498 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119925.D
 Acq: 13 Apr 2020 19:57

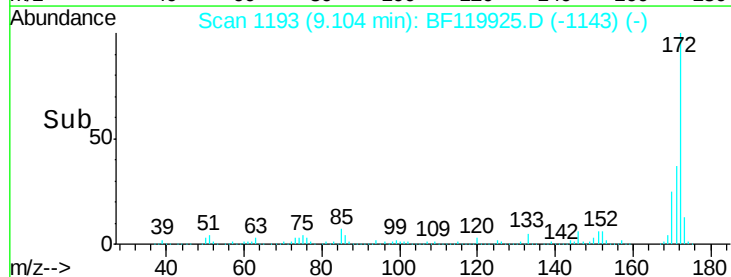
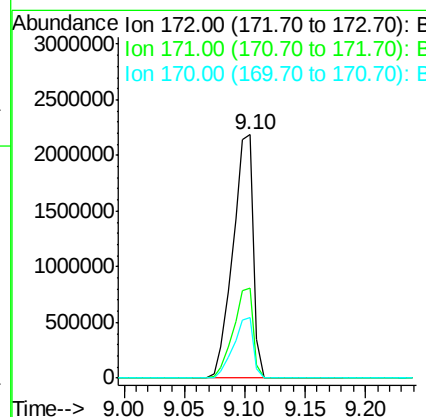
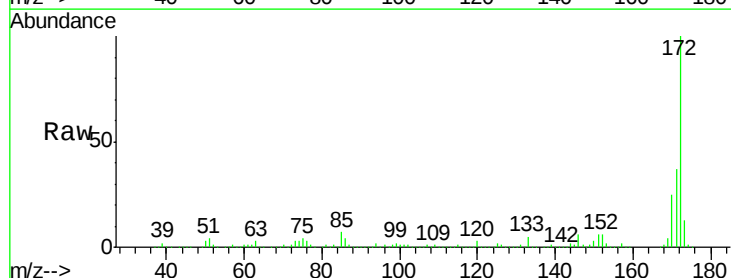
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-B

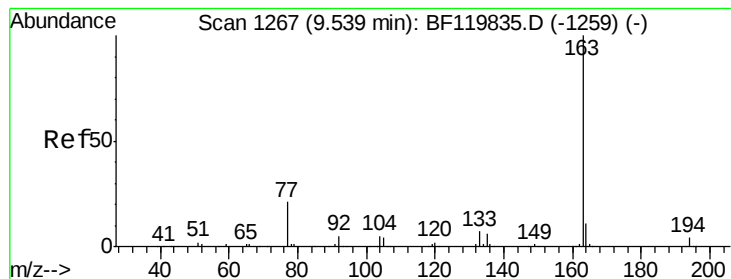
Tot Ion:330 Resp: 713711
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 30.0 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 76.052 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119925.D
 Acq: 13 Apr 2020 19:57

Tgt Ion:172 Resp: 2549046
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.9 19.4 29.2





#50

Dimethylphthalate

Concen: 6.637 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119925.D

Acq: 13 Apr 2020 19:57

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-B

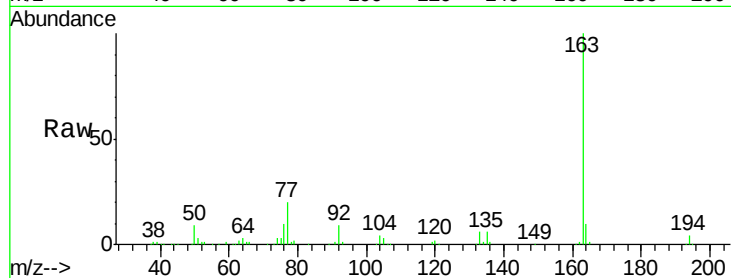
Tot Ion:163 Resp: 244302

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

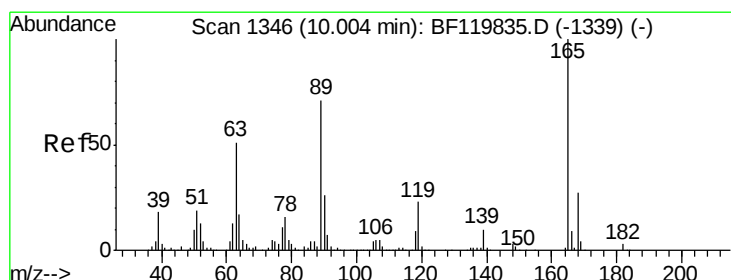
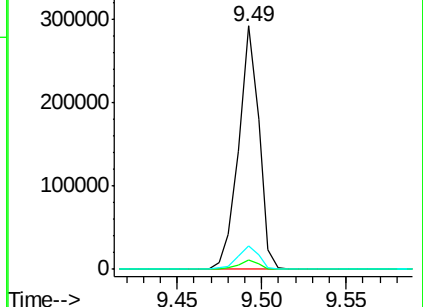
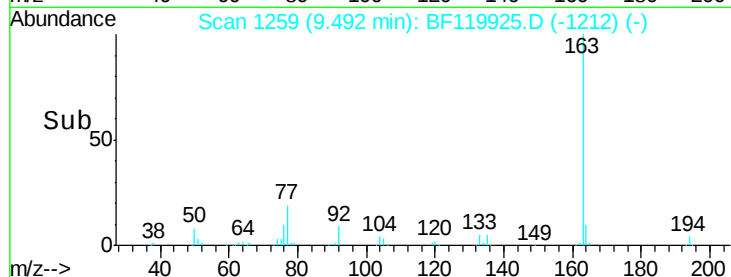
164 9.9 8.4 12.6



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: 5.858 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119925.D

Acq: 13 Apr 2020 19:57

Tgt Ion:165 Resp: 62209

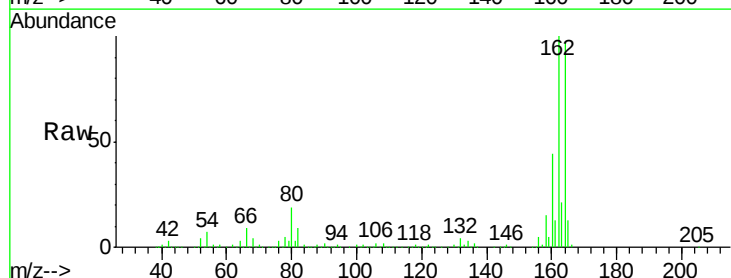
Ion Ratio Lower Upper

165 100

63 1.1 40.8 61.2#

89 1.7 56.9 85.3#

182 0.0 2.0 3.0#

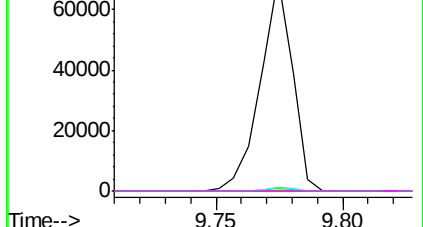
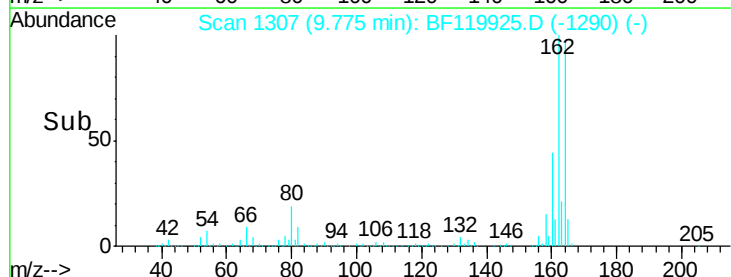


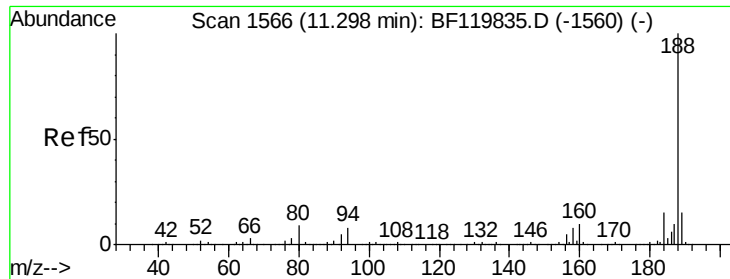
Abundance Ion 165.00 (164.70 to 165.70): E

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

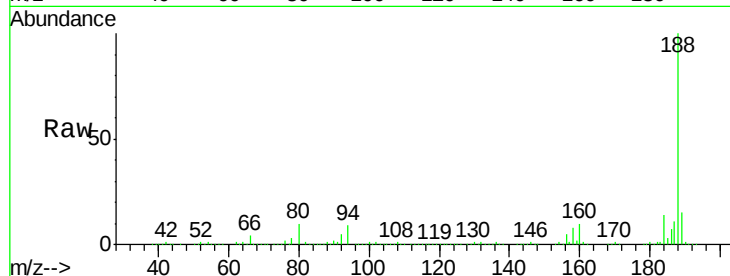




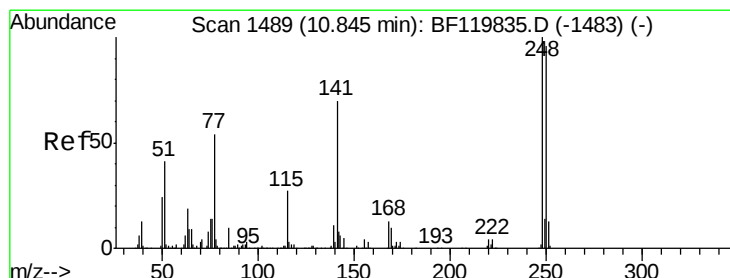
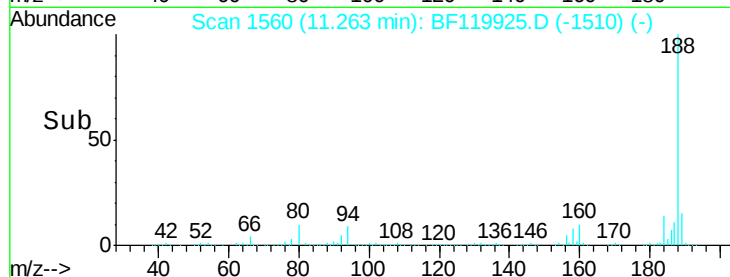
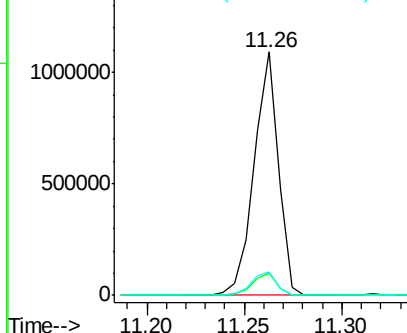
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119925.D
Acq: 13 Apr 2020 19:57

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

Tot Ion:188 Resp: 941574
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.6 7.4 11.2

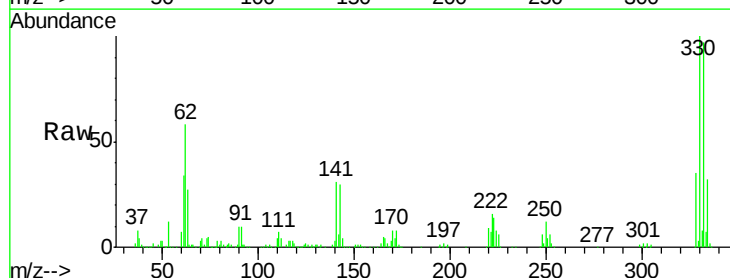


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

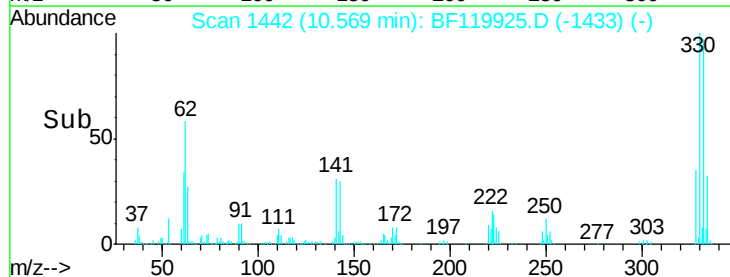
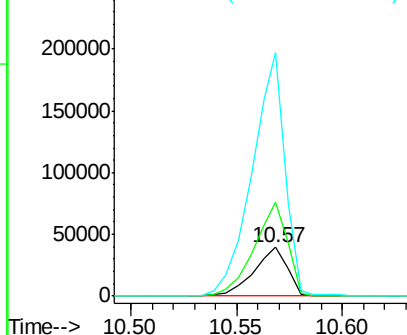


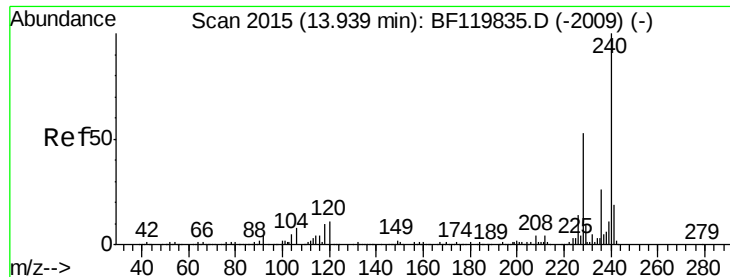
#67
4-Bromophenyl-phenylether
Concen: 3.700 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF119925.D
Acq: 13 Apr 2020 19:57

Tgt Ion:248 Resp: 43328
Ion Ratio Lower Upper
248 100
250 191.7 76.6 114.8#
141 497.2 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: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119925.D

Acq: 13 Apr 2020 19:57

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-B

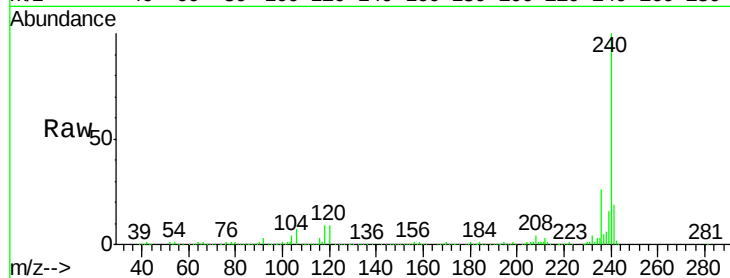
Tot Ion:240 Resp: 757434

Ion Ratio Lower Upper

240 100

120 9.4 9.0 13.6

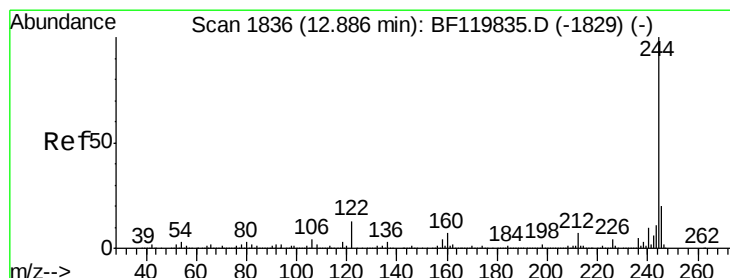
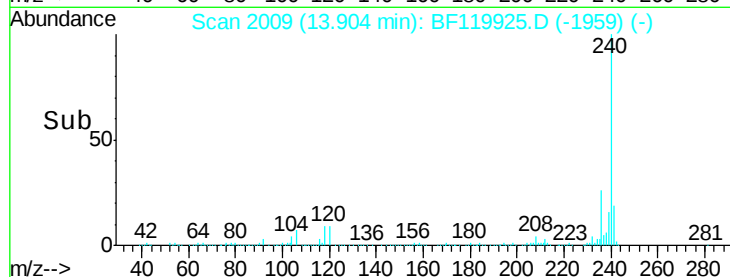
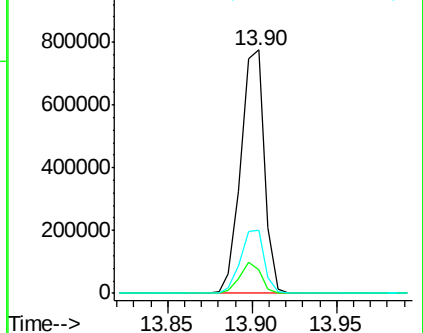
236 25.9 20.7 31.1



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: 70.326 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119925.D

Acq: 13 Apr 2020 19:57

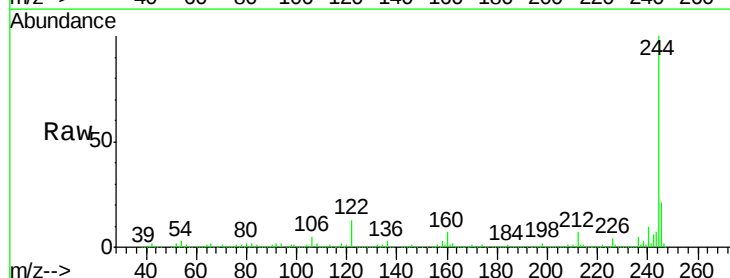
Tgt Ion:244 Resp: 3165679

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

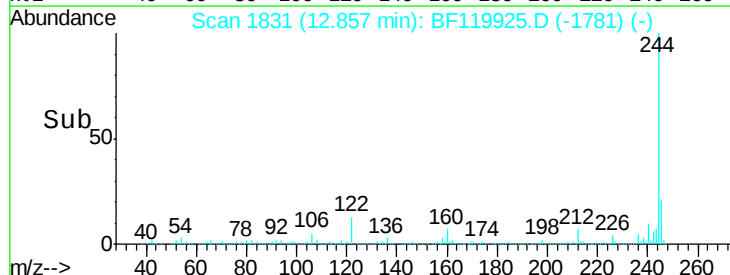
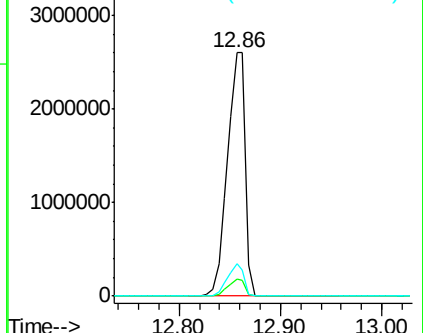
122 13.4 10.3 15.5

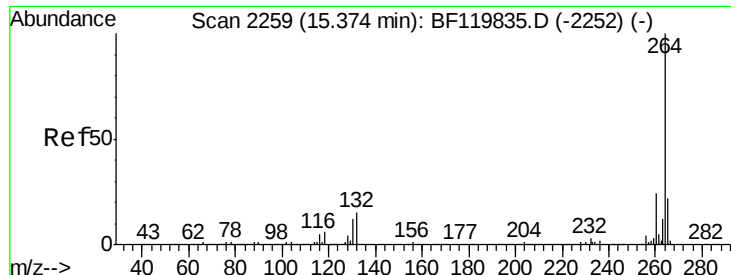


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

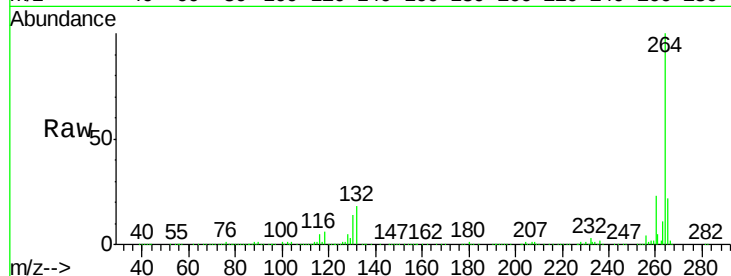




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119925.D
 Acq: 13 Apr 2020 19:57

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.8	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

