

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119932.D
 Acq On : 14 Apr 2020 3:56
 Operator : MA/SJ
 Sample : L2205-23
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 14 05:04:48 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	247668	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	967673	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	524305	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	1058199	20.00	ng	0.00
76) Chrysene-d12	13.90	240	829633	20.00	ng	0.00
87) Perylene-d12	15.33	264	705919	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1709140	119.26	ng	0.03
7) Phenol-d6	6.37	99	1946976	105.43	ng	0.00
23) Nitrobenzene-d5	7.30	82	1515765	81.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	804124	125.27	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2896362	78.43	ng	-0.01
79) Terphenyl-d14	12.86	244	3536443	71.73	ng	0.00

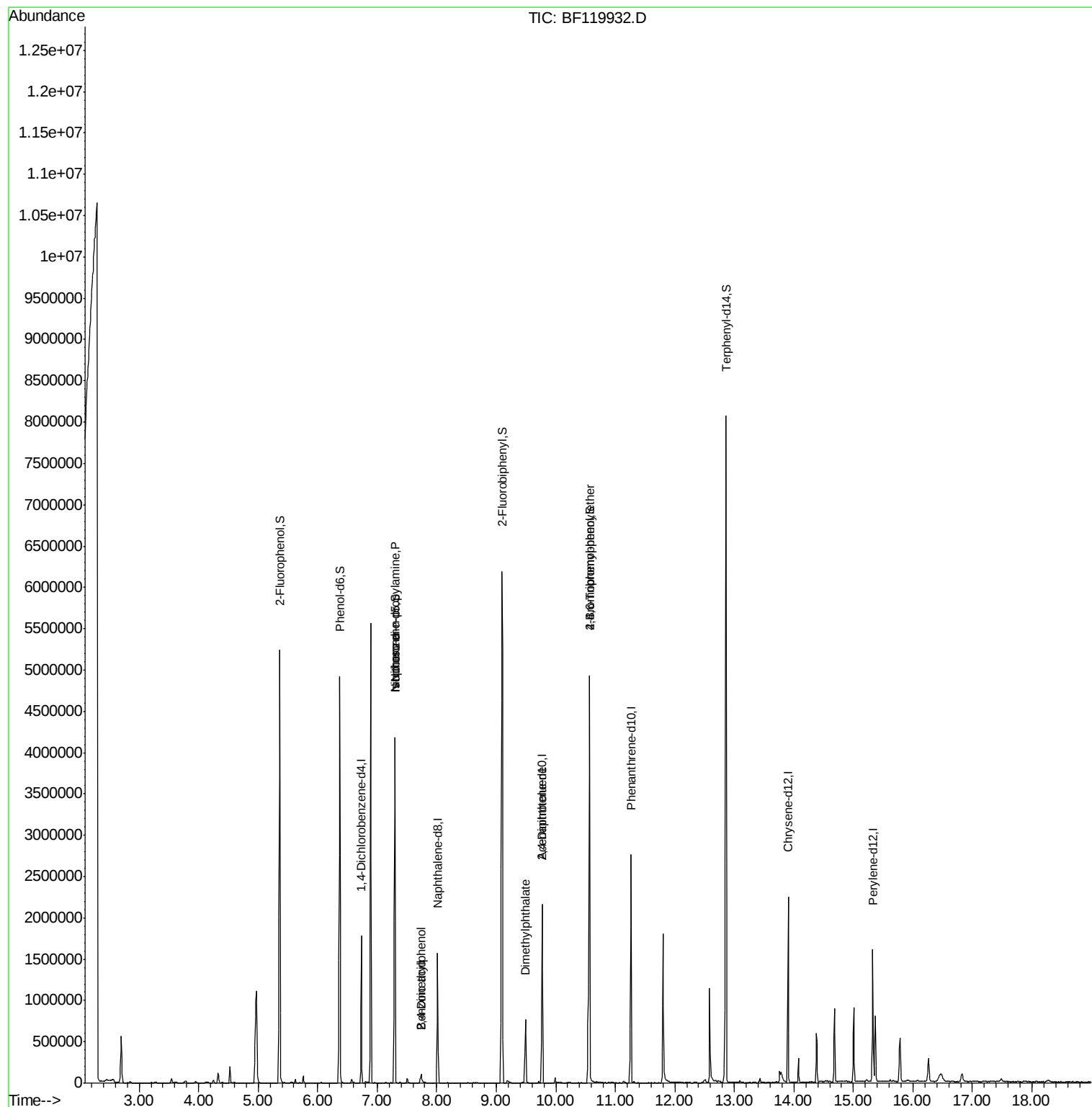
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.29	77	282	Below Cal		# 41
19) n-Nitroso-di-n-propylamine	7.30	70	202943	17.090	ng	# 74
25) Isophorone	7.30	82	1512860	41.957	ng	# 65
27) 2,4-Dimethylphenol	7.74	122	41425	2.922	ng	# 3
32) Benzoic acid	7.74	122	41425	3.327	ng	94
50) Dimethylphthalate	9.49	163	412503	10.172	ng	99
57) 2,4-Dinitrotoluene	9.77	165	67322	5.754	ng	# 22
67) 4-Bromophenyl-phenylether	10.57	248	46761	3.553	ng	# 1

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

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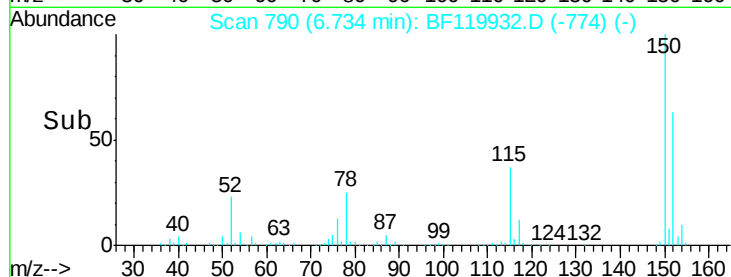
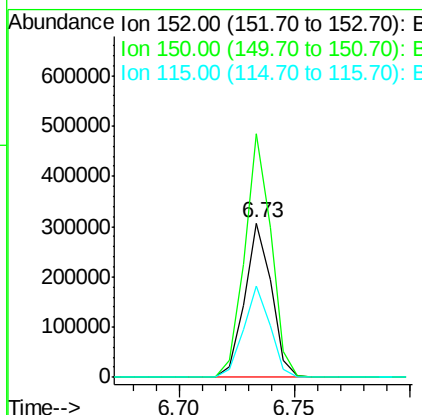
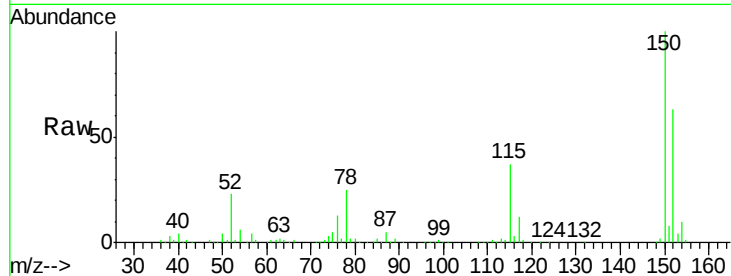


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

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

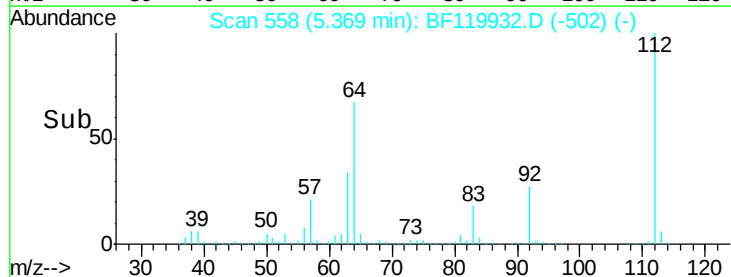
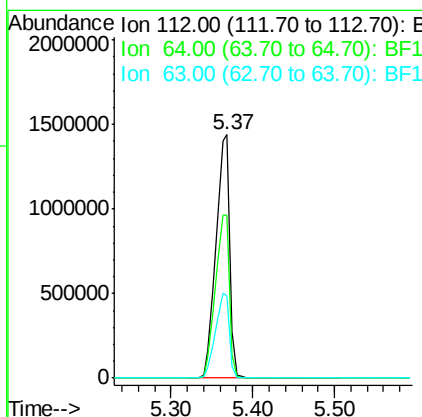
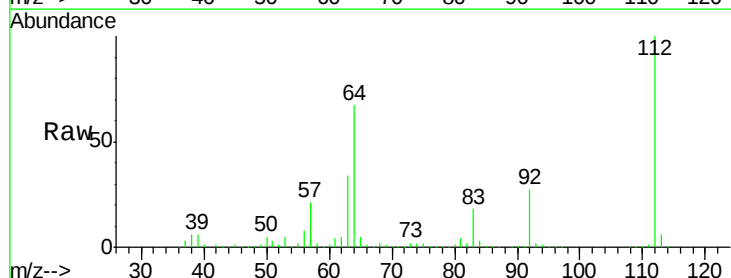
Tot Ion:152 Resp: 247668
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 58.9 46.5 69.7



#5

2-Fluorophenol
Concen: 119.261 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.03 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Tgt Ion:112 Resp: 1709140
Ion Ratio Lower Upper
112 100
64 66.9 55.5 83.3
63 33.8 29.1 43.7





#7

Phenol-d6

Concen: 105.434 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-C

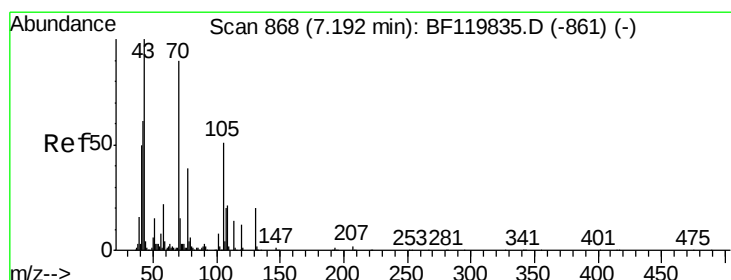
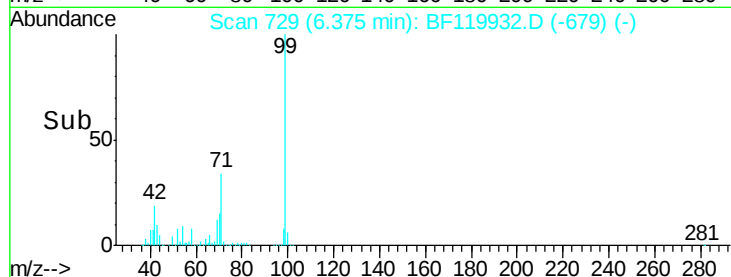
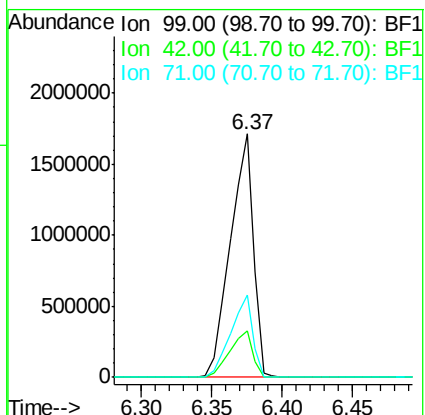
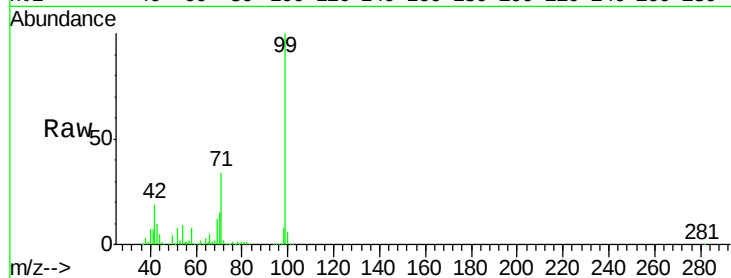
Tot Ion: 99 Resp: 1946976

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 33.6 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.090 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

Tgt Ion: 70 Resp: 202943

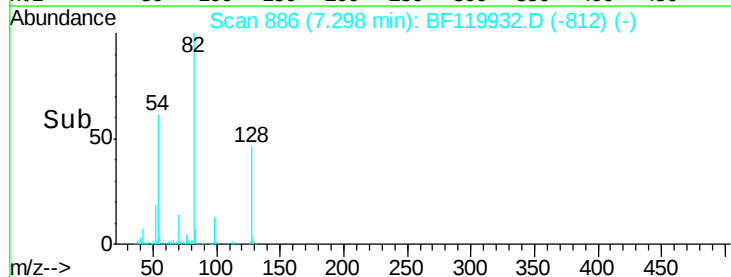
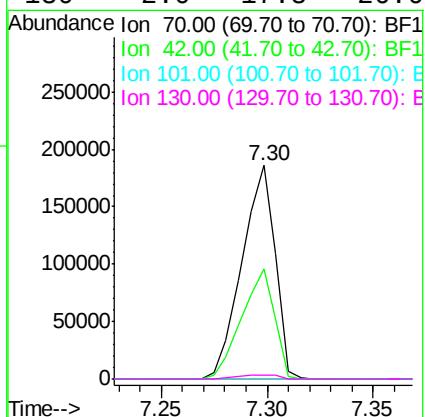
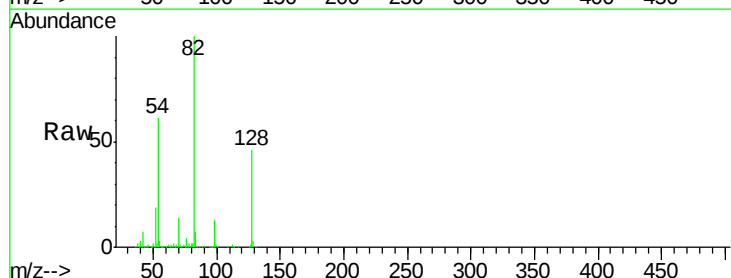
Ion Ratio Lower Upper

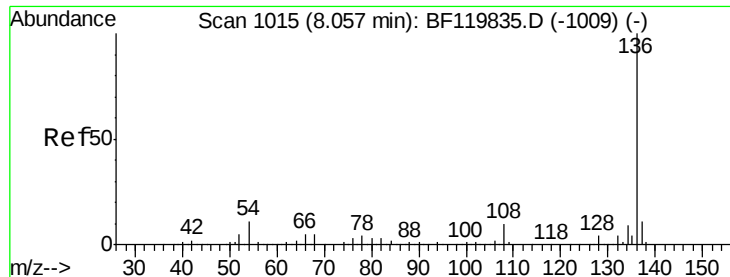
70 100

42 51.3 54.2 81.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-C

Tot Ion:136 Resp: 967673

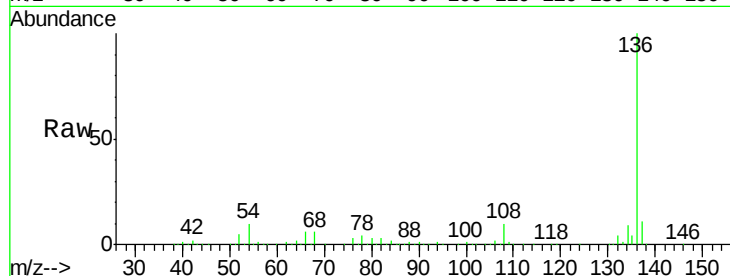
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.4 8.5 12.7

68 6.0 3.9 5.9#

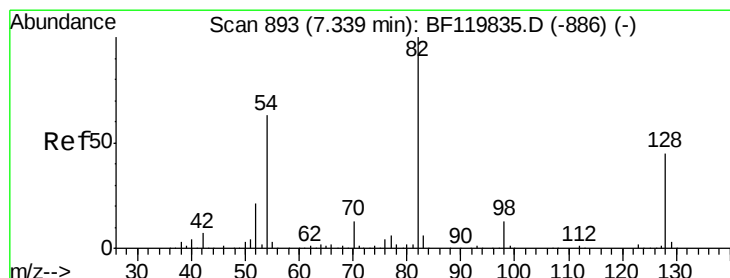
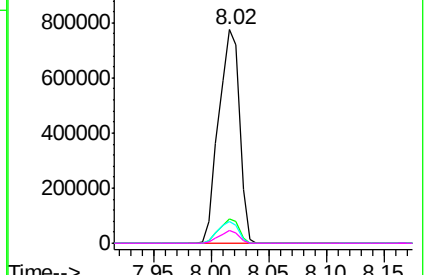
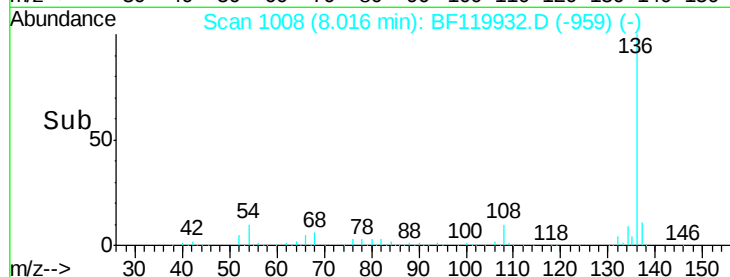


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.036 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

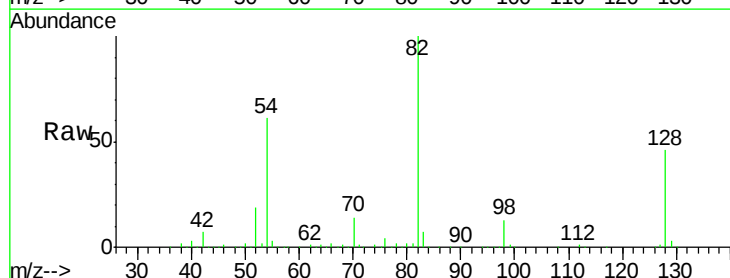
Tgt Ion: 82 Resp: 1515765

Ion Ratio Lower Upper

82 100

128 46.3 36.2 54.4

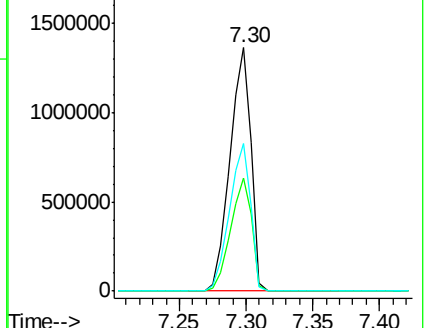
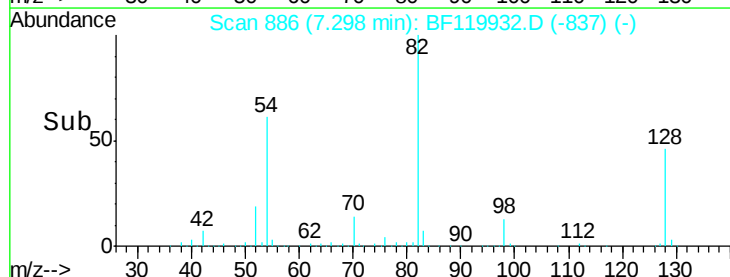
54 60.6 50.4 75.6

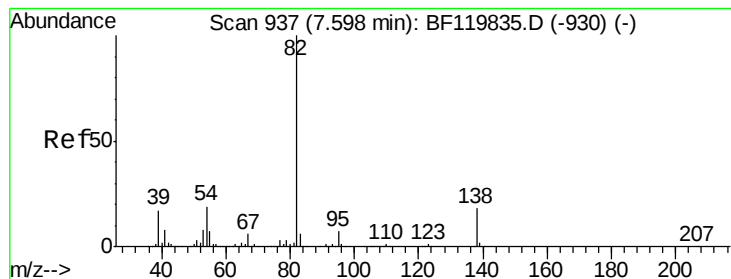


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.957 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

Instrument :

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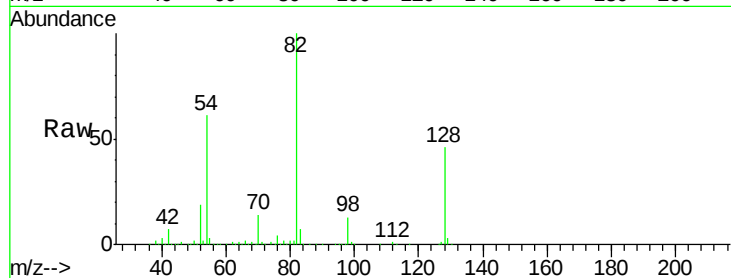
Tot Ion: 82 Resp: 1512860

Ion Ratio Lower Upper

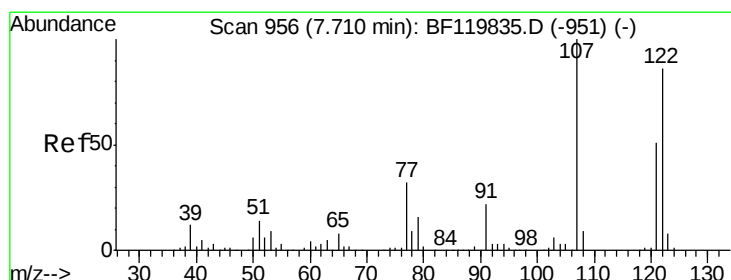
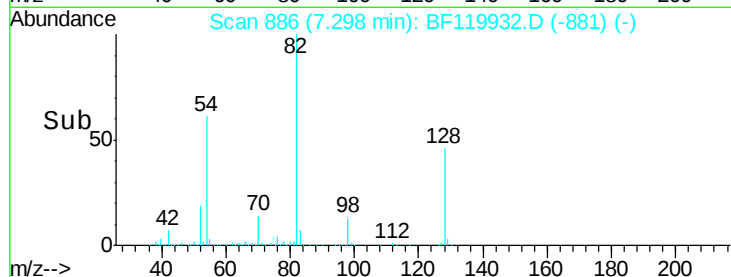
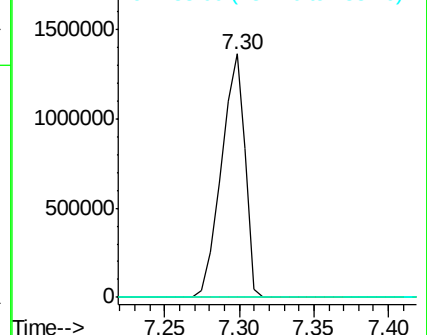
82 100

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



#27

2,4-Dimethylphenol

Concen: 2.922 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.05 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

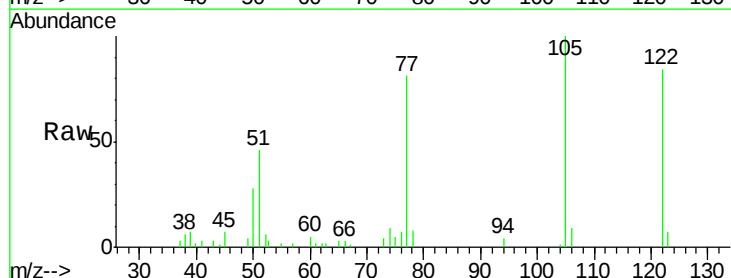
Tgt Ion:122 Resp: 41425

Ion Ratio Lower Upper

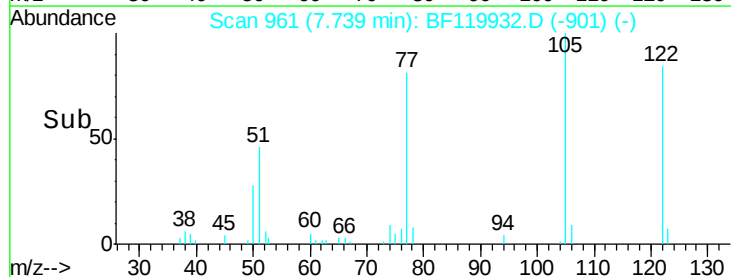
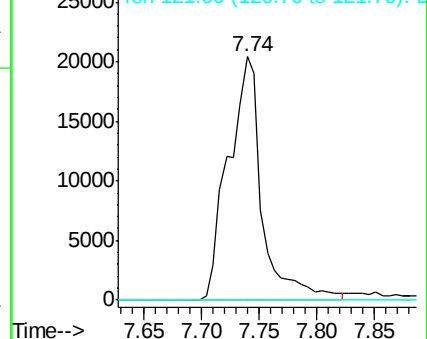
122 100

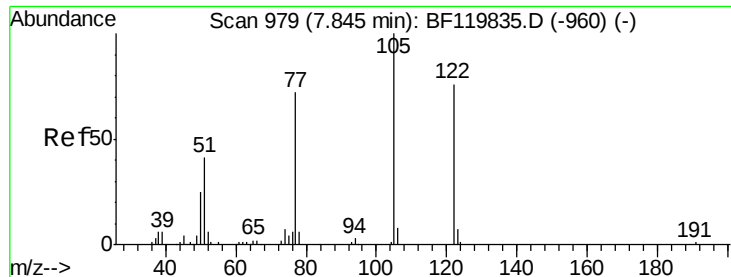
107 0.0 92.3 138.5#

121 0.0 46.6 70.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

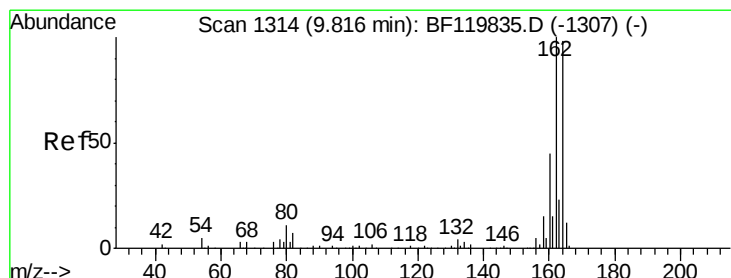
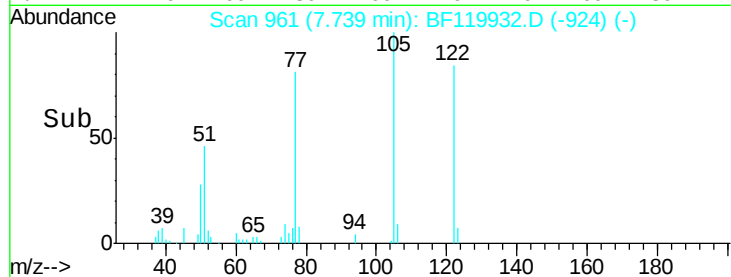
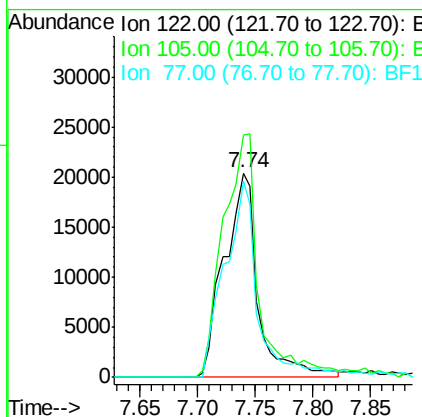
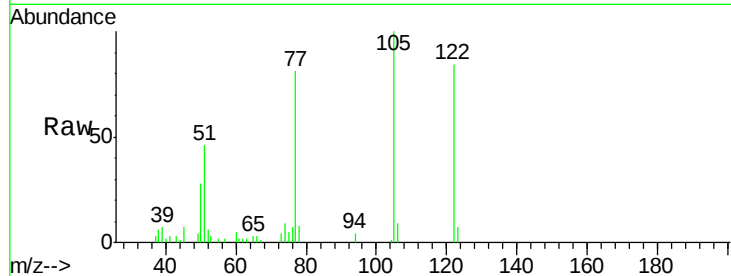




#32
Benzoic acid
Concen: 3.327 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.08 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

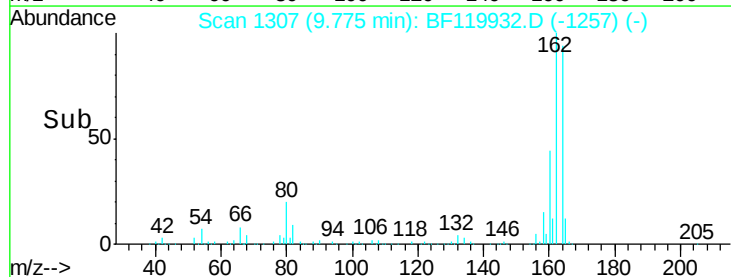
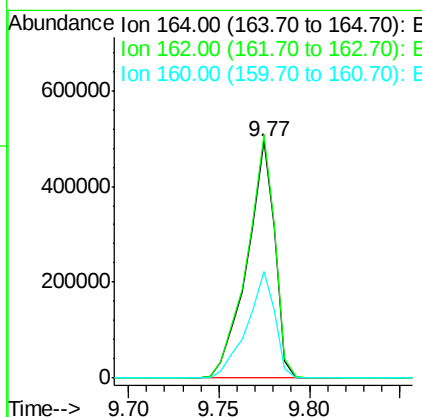
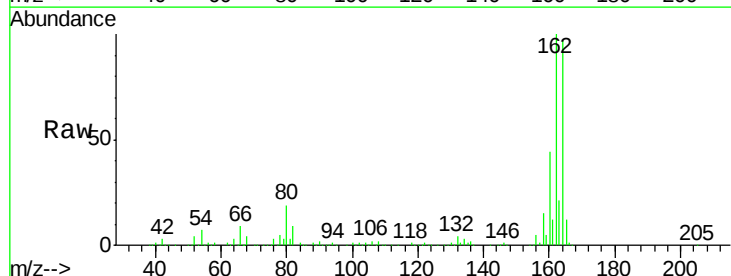
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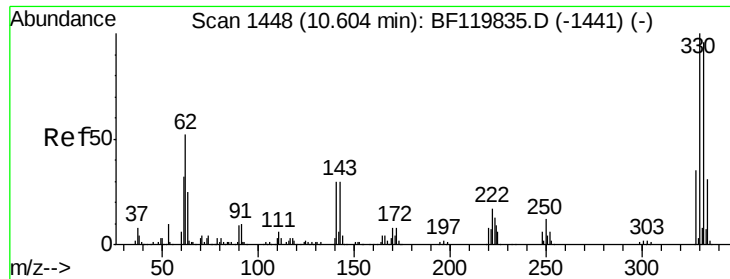
Tot Ion:122 Resp: 41425
Ion Ratio Lower Upper
122 100
105 118.5 106.7 146.7
77 96.0 72.1 112.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Tgt Ion:164 Resp: 524305
Ion Ratio Lower Upper
164 100
162 102.9 81.9 122.9
160 45.2 36.6 54.8

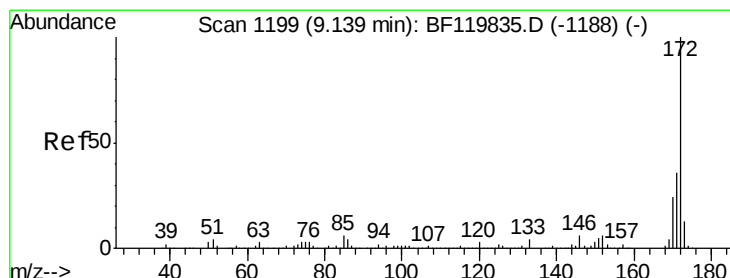
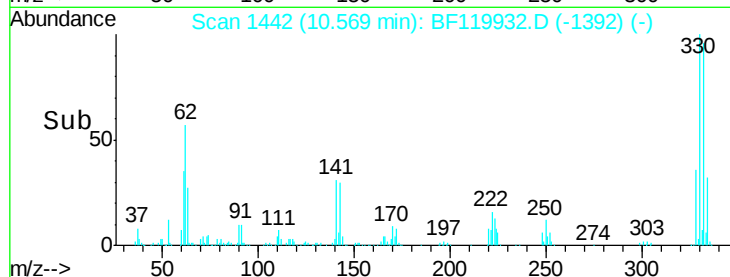
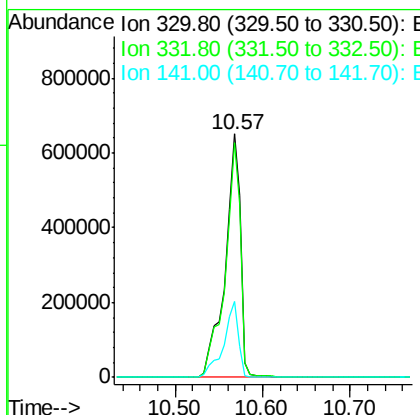
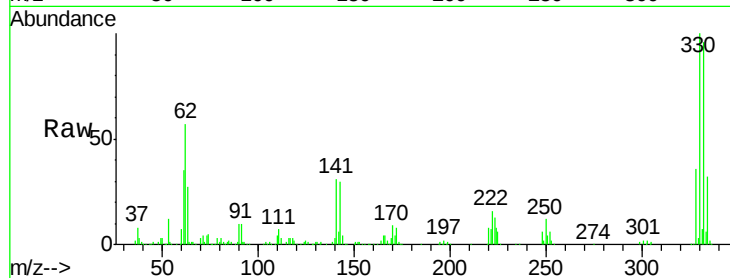




#42
 2,4,6-Tribromophenol
 Concen: 125.267 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119932.D
 Acq: 14 Apr 2020 3:56

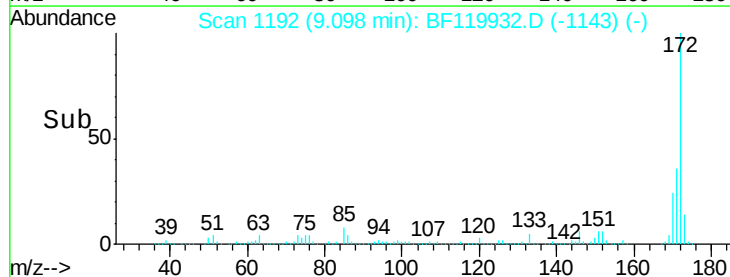
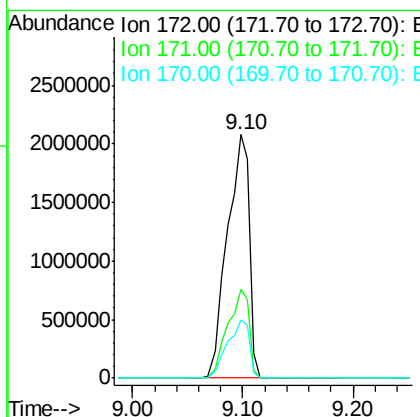
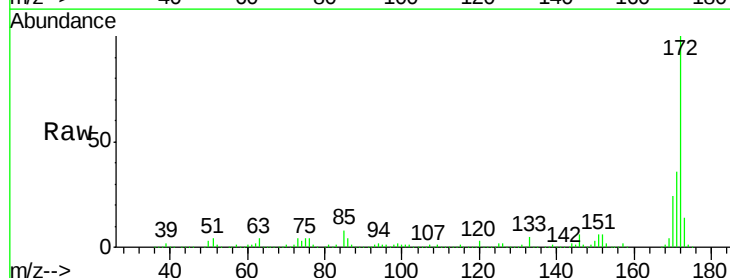
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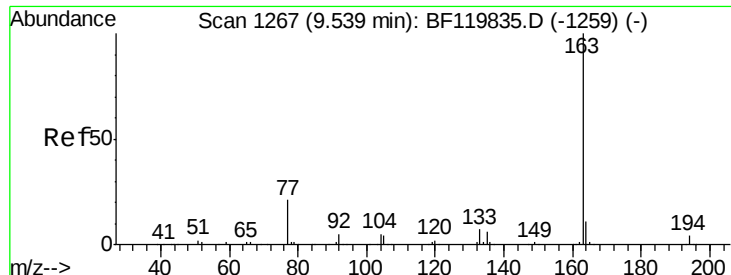
Tot Ion:330 Resp: 804124
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 30.1 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 78.432 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119932.D
 Acq: 14 Apr 2020 3:56

Tgt Ion:172 Resp: 2896362
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.1 19.4 29.2

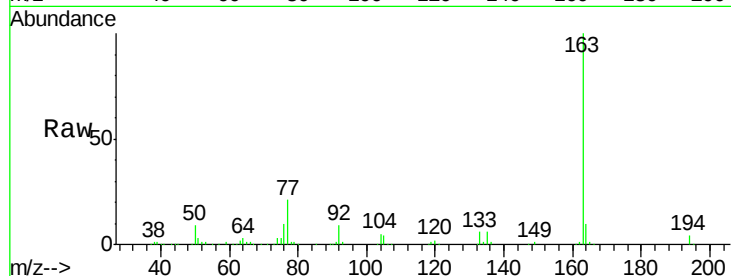




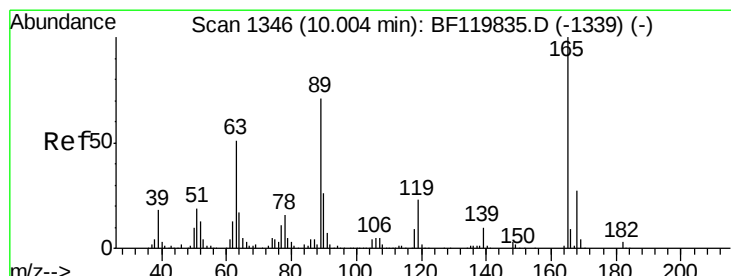
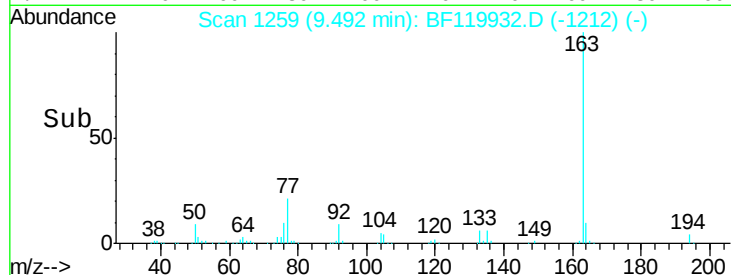
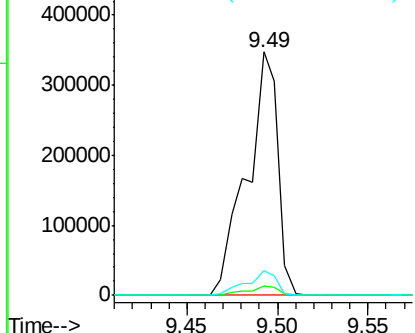
#50
Dimethylphthalate
Concen: 10.172 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

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

Tot Ion:163 Resp: 412503
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 8.4 12.6

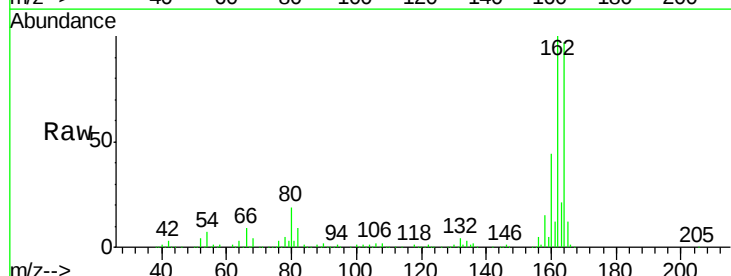


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

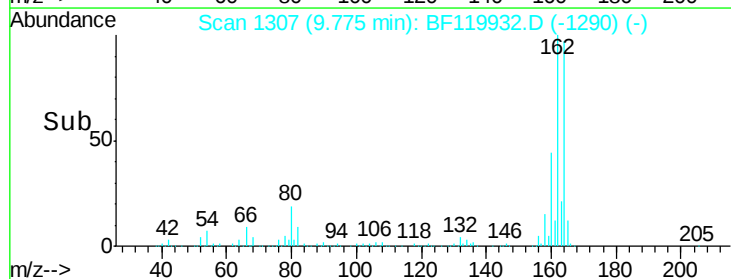
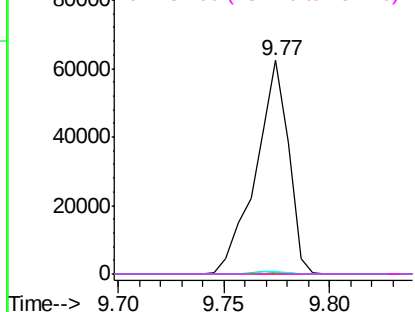


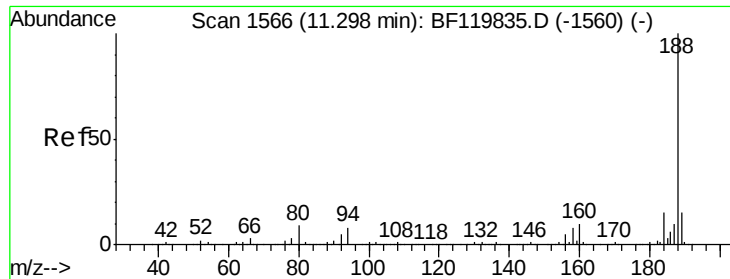
#57
2,4-Dinitrotoluene
Concen: 5.754 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Tgt Ion:165 Resp: 67322
Ion Ratio Lower Upper
165 100
63 0.9 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

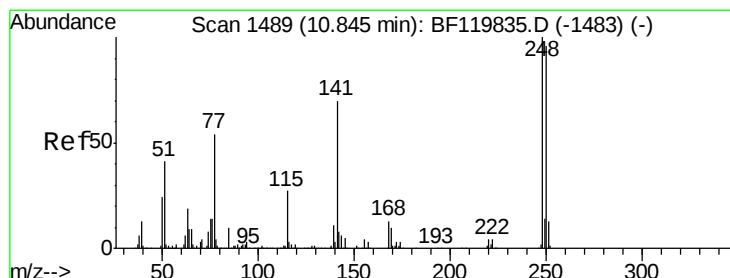
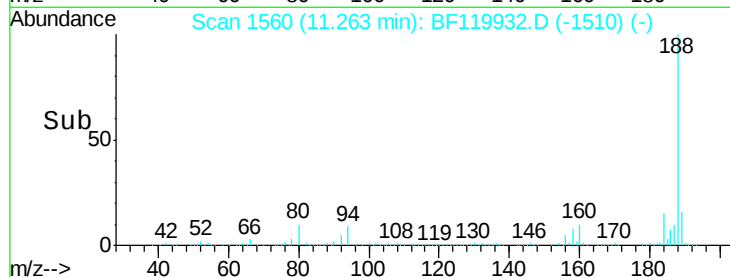
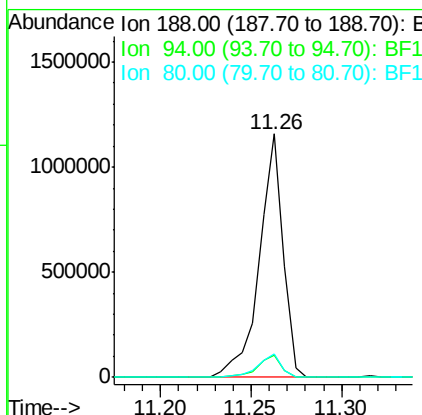
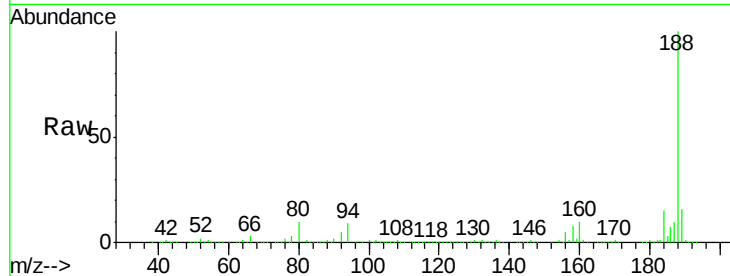




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

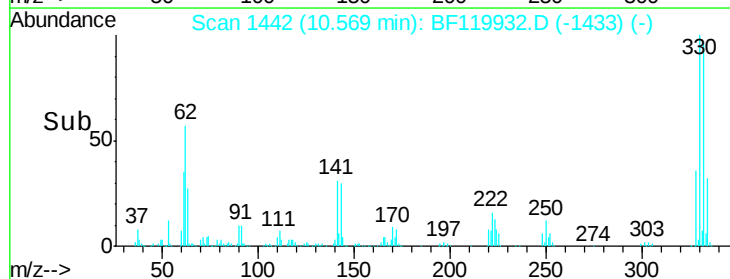
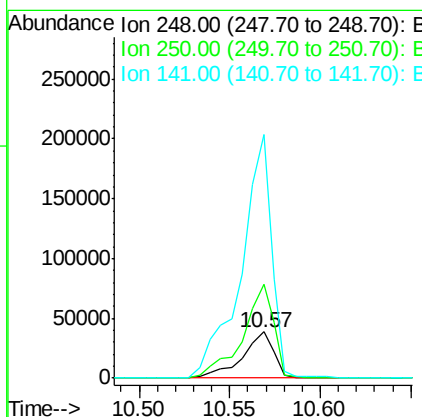
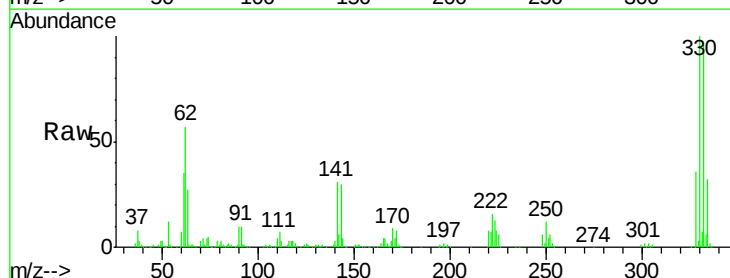
Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-C

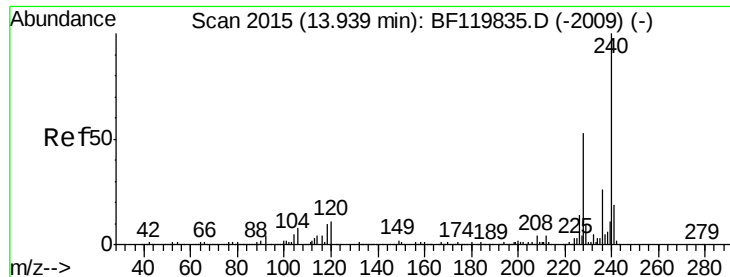
Tot Ion:188 Resp: 1058199
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.6 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.553 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Tgt Ion:248 Resp: 46761
Ion Ratio Lower Upper
248 100
250 203.7 76.6 114.8#
141 525.9 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-C

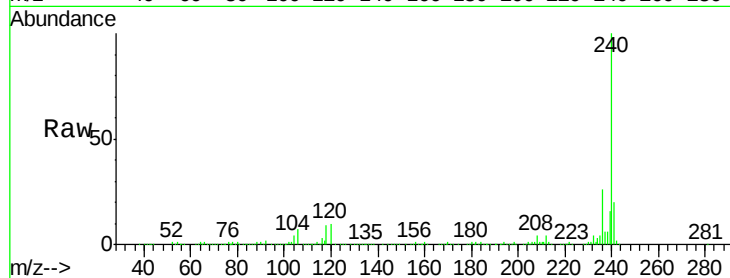
Tot Ion:240 Resp: 829633

Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.6

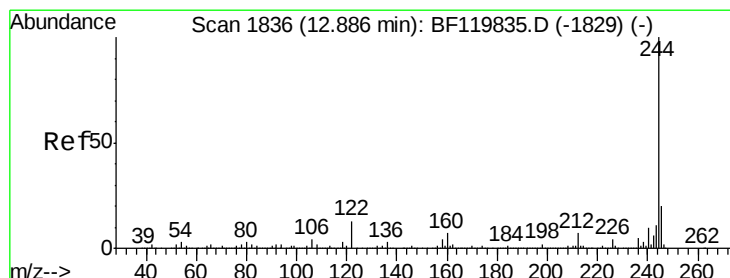
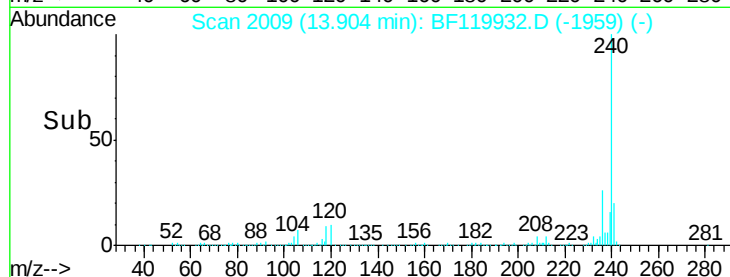
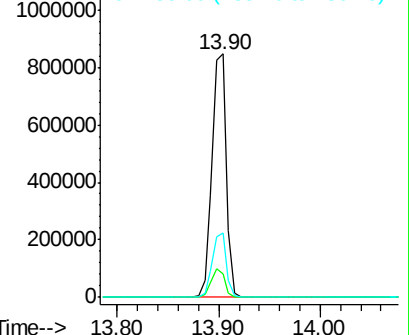
236 26.4 20.7 31.1



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: 71.726 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

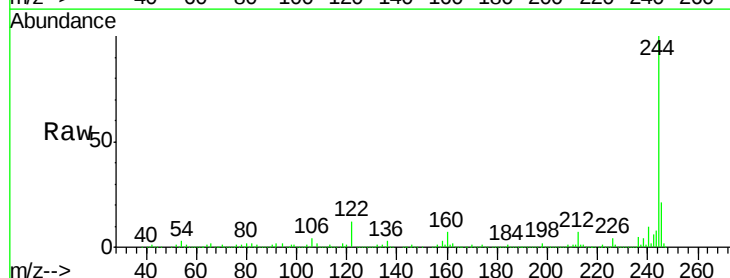
Tgt Ion:244 Resp: 3536443

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

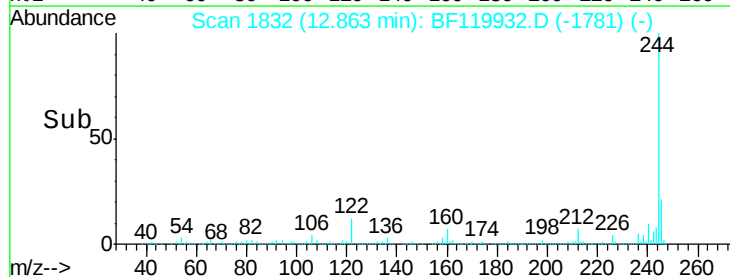
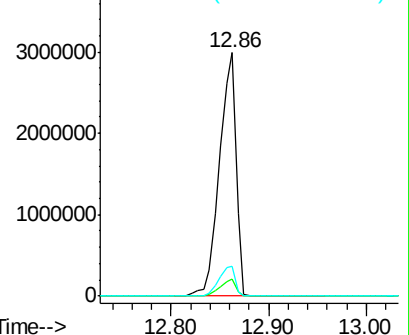
122 12.5 10.3 15.5

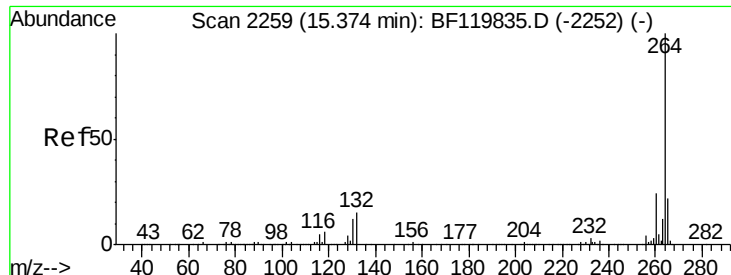


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

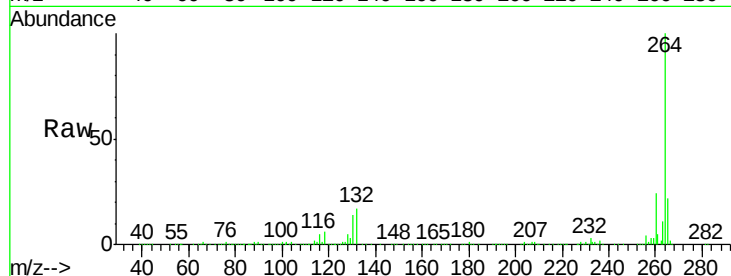




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

