

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119509.D
 Acq On : 25 Mar 2020 17:28
 Operator : CG/JU
 Sample : L1754-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420

Quant Time: Mar 26 02:01:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

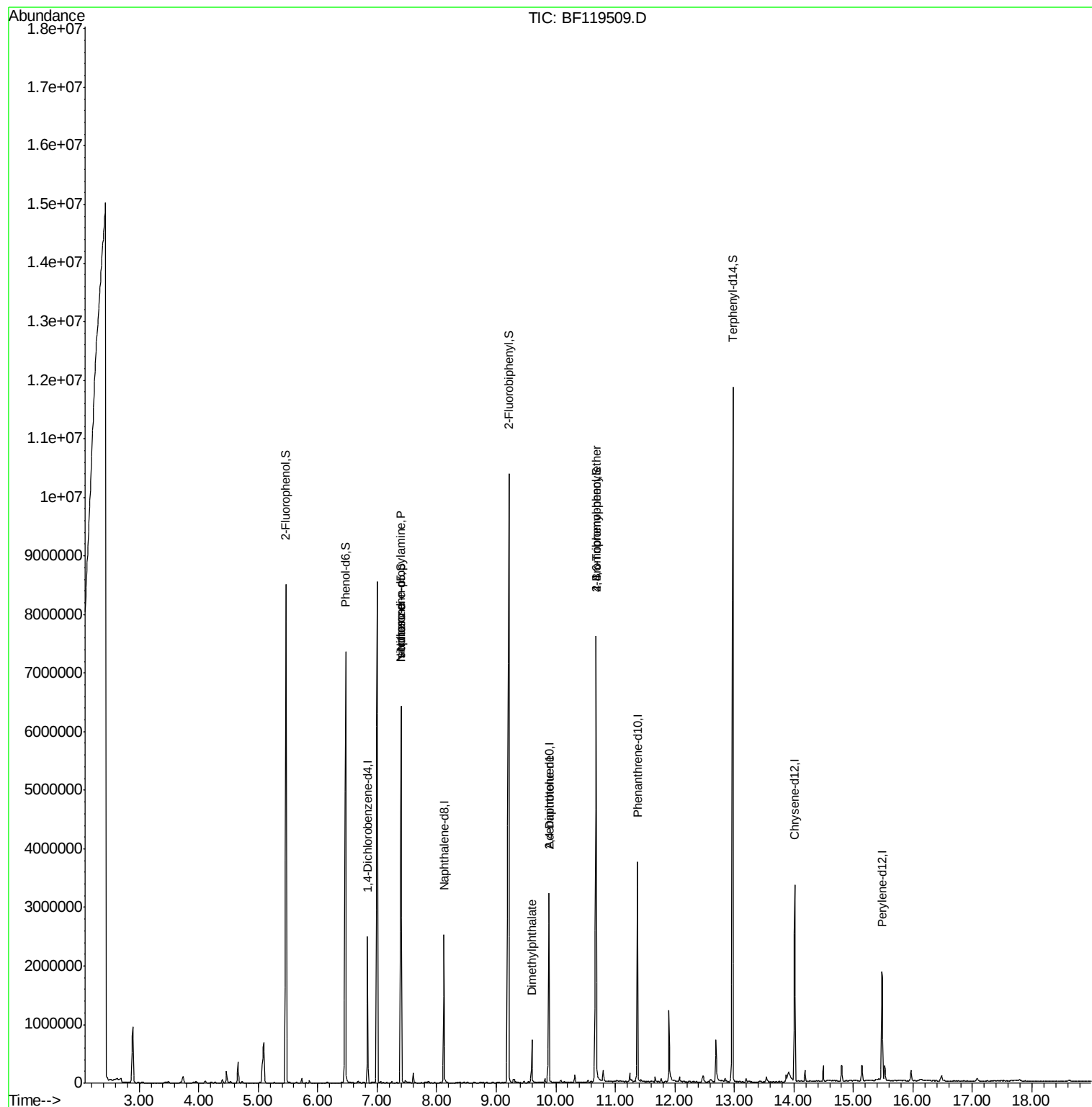
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	357390	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1398961	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	744761	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1434677	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1102406	20.00	ng	-0.02
87) Perylene-d12	15.48	264	888551	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2688643	119.76	ng	0.01
7) Phenol-d6	6.47	99	3001007	104.64	ng	0.00
23) Nitrobenzene-d5	7.40	82	2469250	95.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	1199384	156.10	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	4571817	90.94	ng	-0.01
79) Terphenyl-d14	12.97	244	5103192	90.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	328843	19.02	ng	# 72
25) Isophorone	7.40	82	2462207	47.15	ng	# 66
50) Dimethylphthalate	9.60	163	313179	5.92	ng	99
57) 2,4-Dinitrotoluene	9.89	165	95420	6.68	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	73075	4.47	ng	# 1

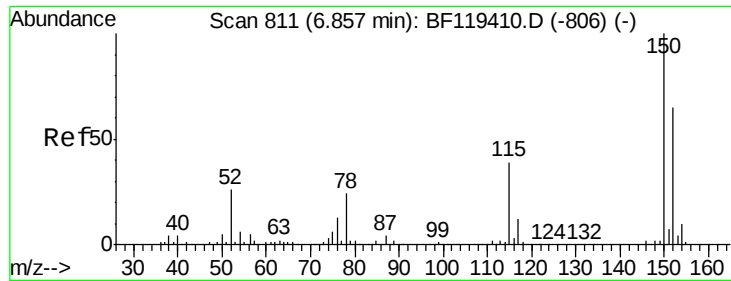
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF119509.D

Acq: 25 Mar 2020 17:28

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ClientSampleId :

NB-08-032420

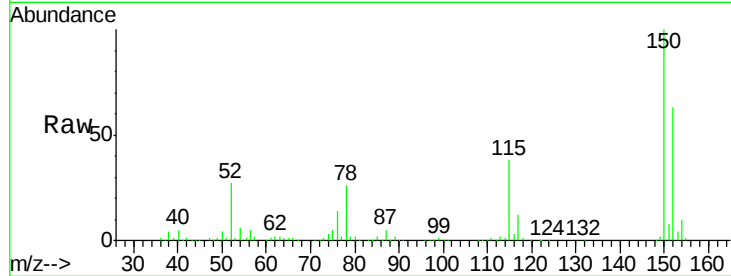
Tgt Ion:152 Resp: 357390

Ion Ratio Lower Upper

152 100

150 158.0 123.9 185.9

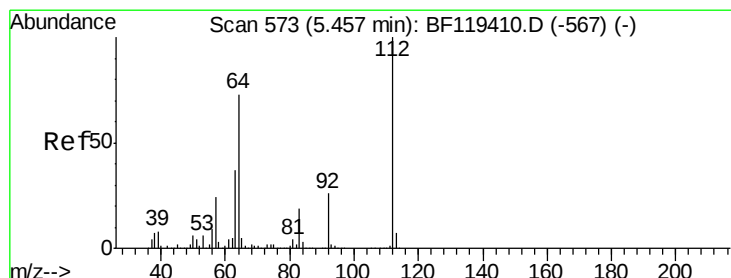
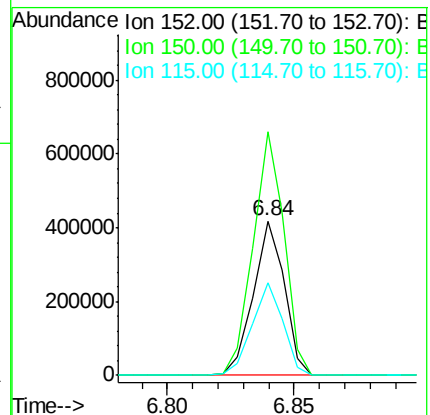
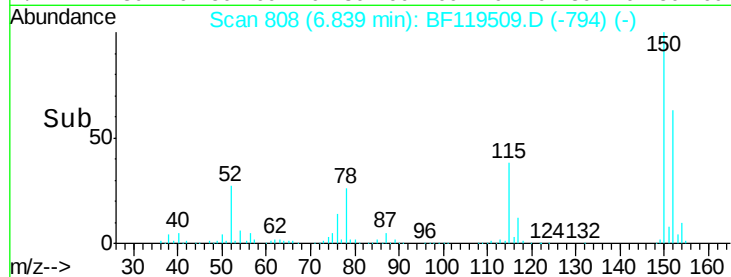
115 60.4 47.8 71.6



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: 119.76 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119509.D

Acq: 25 Mar 2020 17:28

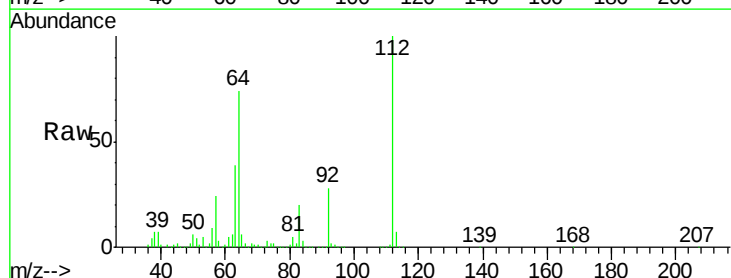
Tgt Ion:112 Resp: 2688643

Ion Ratio Lower Upper

112 100

64 73.7 58.1 87.1

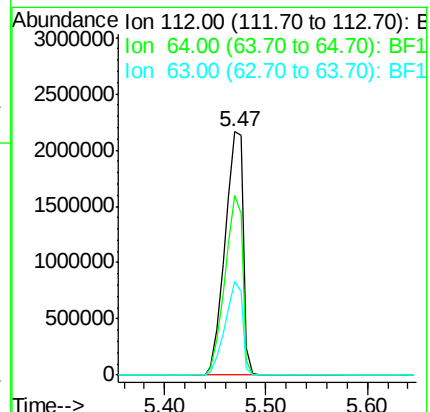
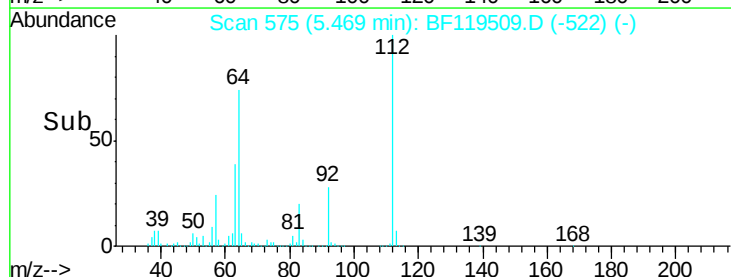
63 38.5 29.7 44.5

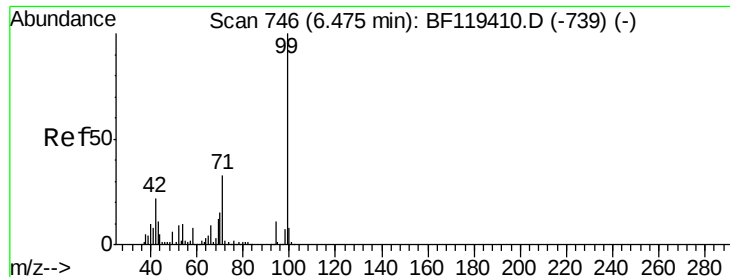


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.64 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119509.D

Acq: 25 Mar 2020 17:28

Instrument :

BNA_F

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NB-08-032420

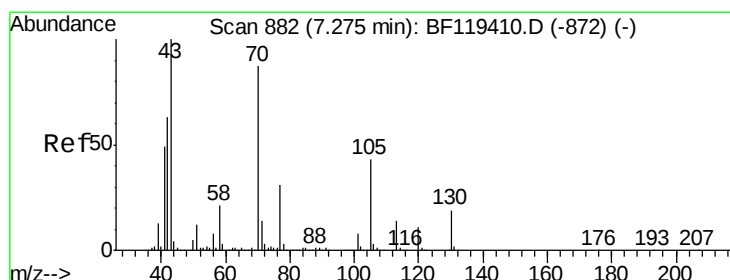
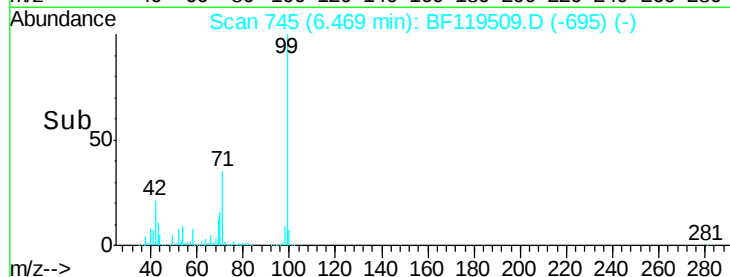
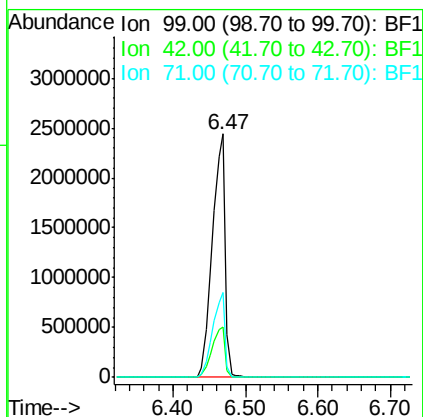
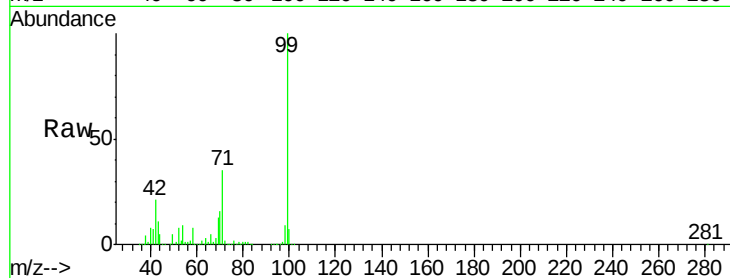
Tgt Ion: 99 Resp: 3001007

Ion Ratio Lower Upper

99 100

42 20.8 17.8 26.6

71 34.6 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.02 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119509.D

Acq: 25 Mar 2020 17:28

Tgt Ion: 70 Resp: 328843

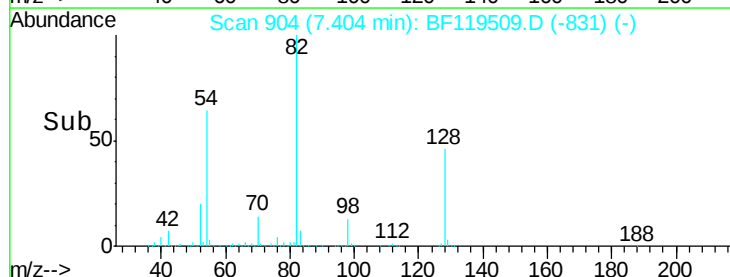
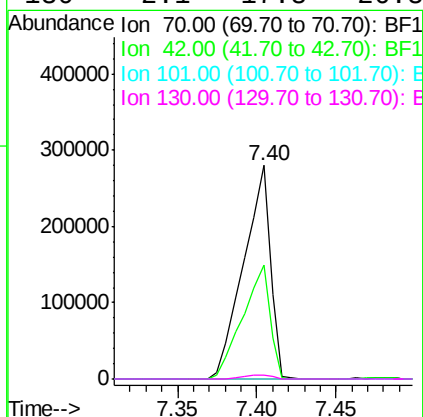
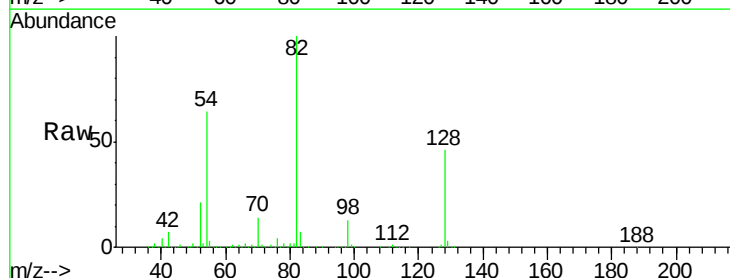
Ion Ratio Lower Upper

70 100

42 53.1 58.2 87.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.8#

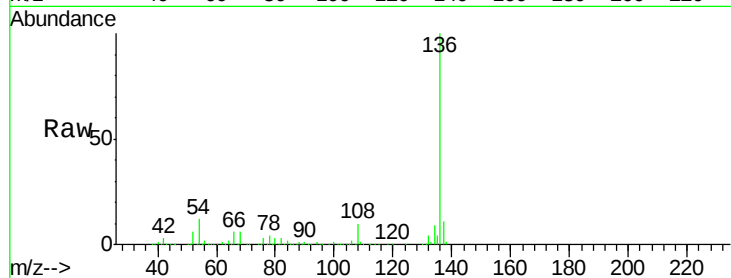




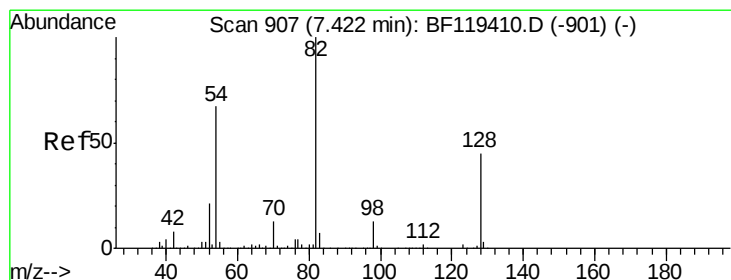
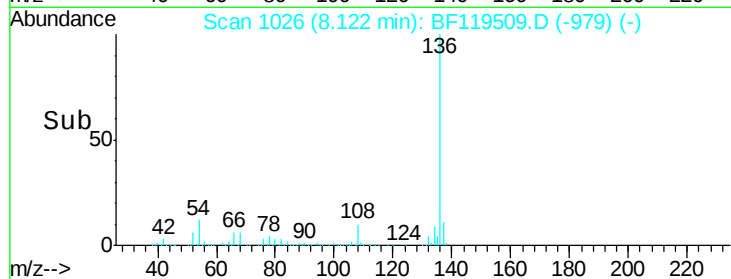
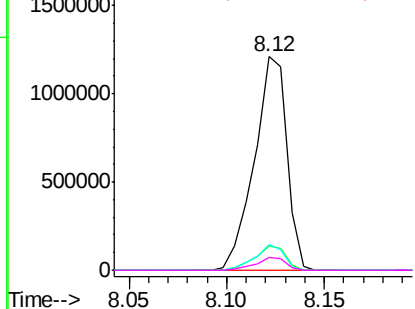
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF119509.D
Acq: 25 Mar 2020 17:28

Instrument :
BNA_F
ClientSampleId :
NB-08-032420

Tgt Ion:136 Resp: 1398961
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 12.0 8.3 12.5
68 6.2 4.9 7.3

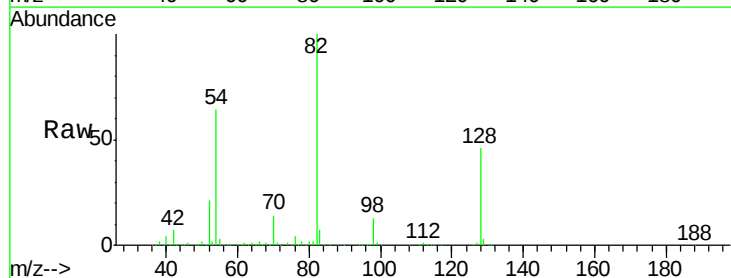


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

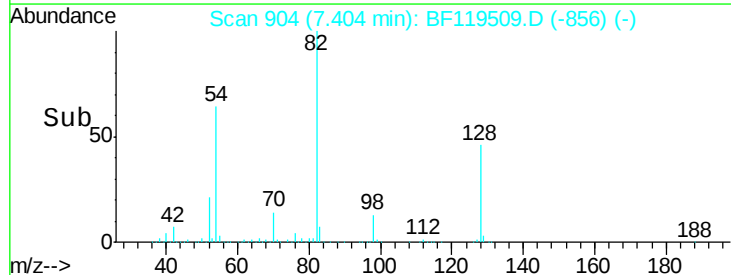
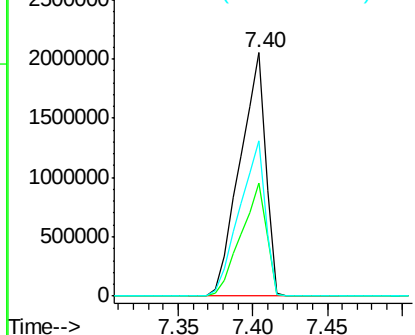


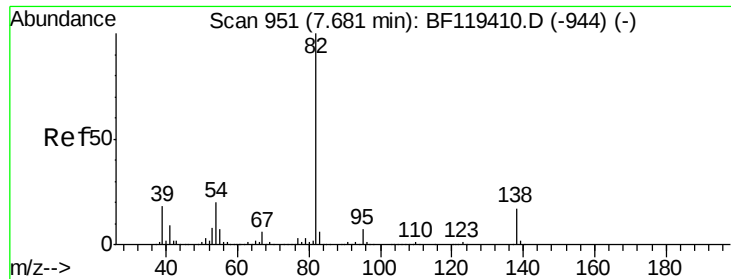
#23
Nitrobenzene-d5
Concen: 95.93 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF119509.D
Acq: 25 Mar 2020 17:28

Tgt Ion: 82 Resp: 2469250
Ion Ratio Lower Upper
82 100
128 46.4 35.8 53.8
54 63.7 53.4 80.0



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: 47.15 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF119509.D

Acq: 25 Mar 2020 17:28

Instrument :

BNA_F

ClientSampleId :

NB-08-032420

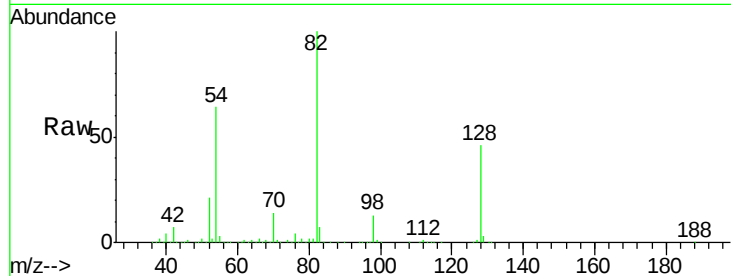
Tgt Ion: 82 Resp: 2462207

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

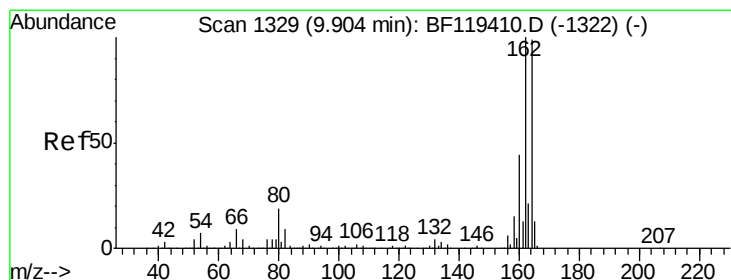
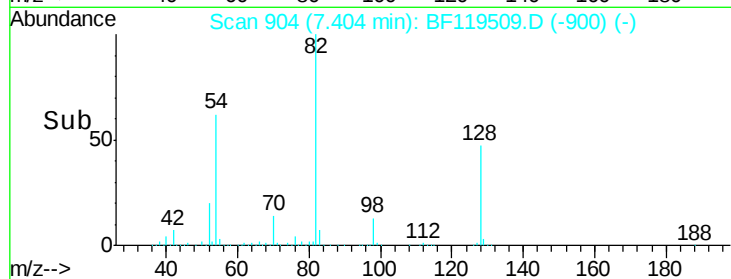
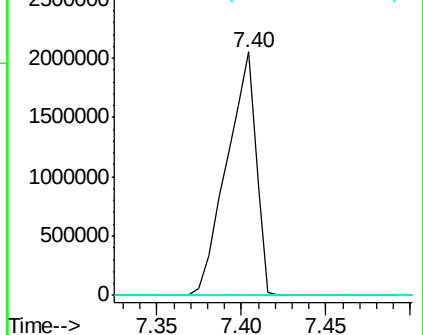
138 0.0 13.8 20.8#



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: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119509.D

Acq: 25 Mar 2020 17:28

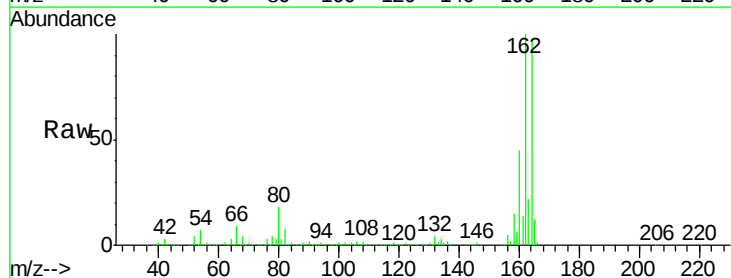
Tgt Ion: 164 Resp: 744761

Ion Ratio Lower Upper

164 100

162 102.6 80.7 121.1

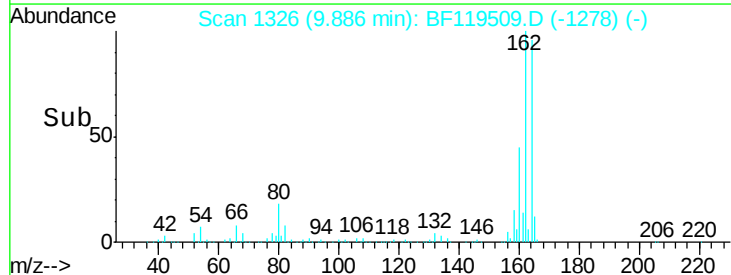
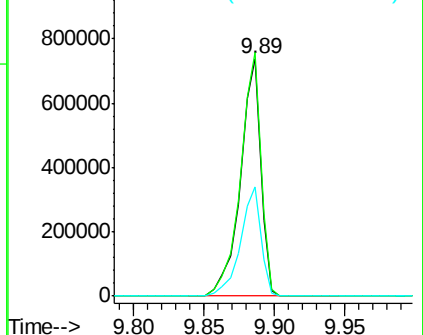
160 45.9 35.5 53.3



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: 156.10 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119509.D

Acq: 25 Mar 2020 17:28

Instrument :

BNA_F

ClientSampleId :

NB-08-032420

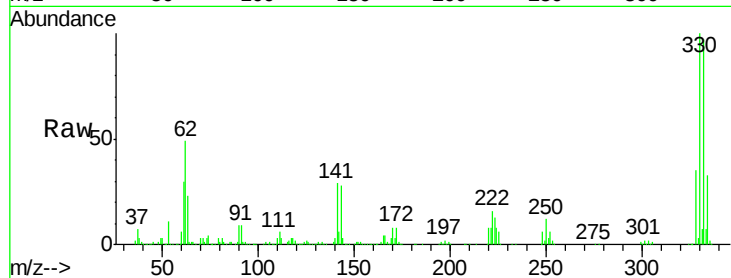
Tgt Ion:330 Resp: 1199384

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

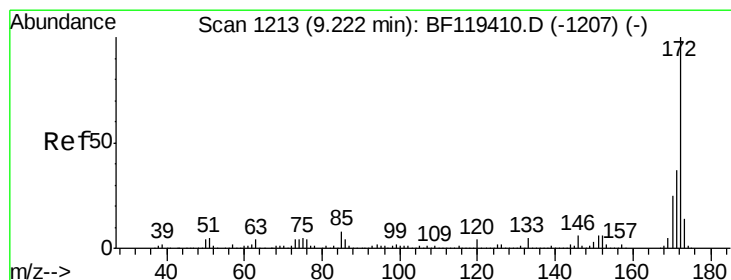
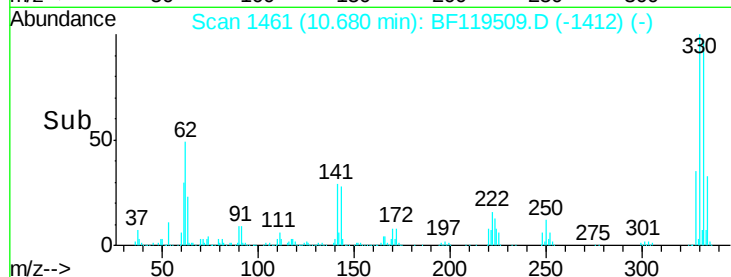
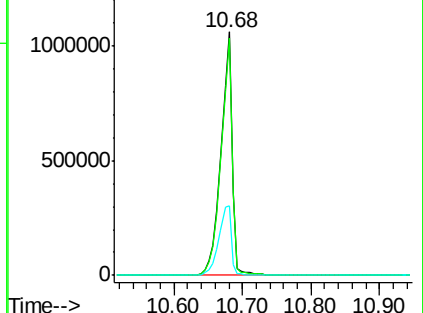
141 32.0 26.6 40.0



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: 90.94 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119509.D

Acq: 25 Mar 2020 17:28

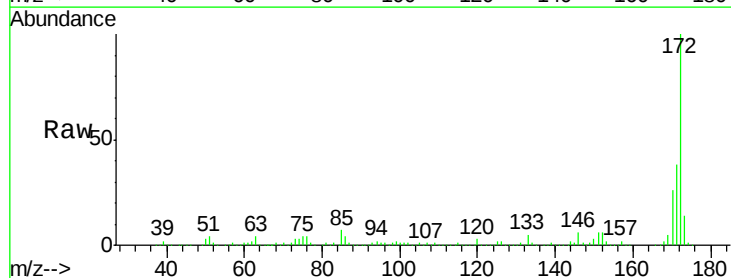
Tgt Ion:172 Resp: 4571817

Ion Ratio Lower Upper

172 100

171 38.2 29.9 44.9

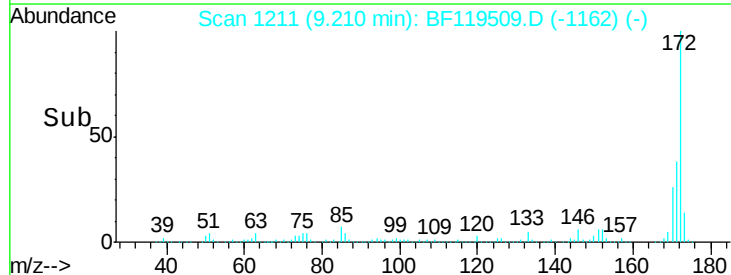
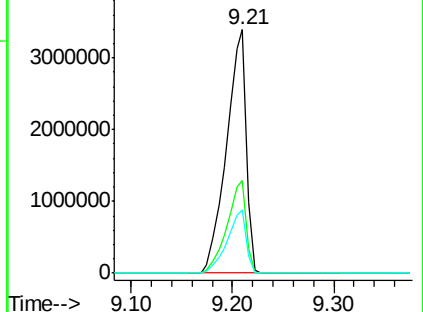
170 26.0 20.1 30.1

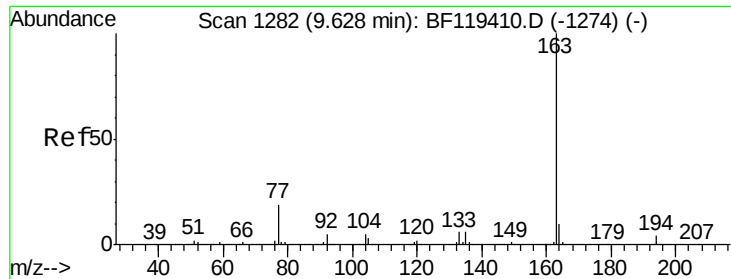


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

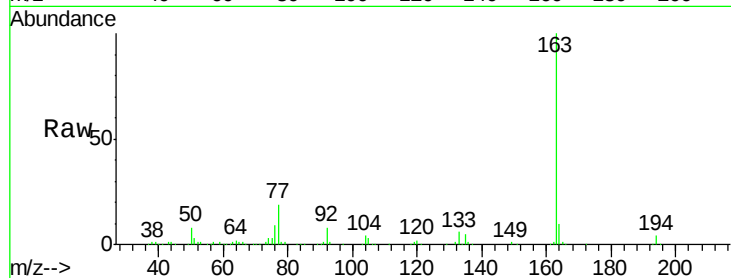




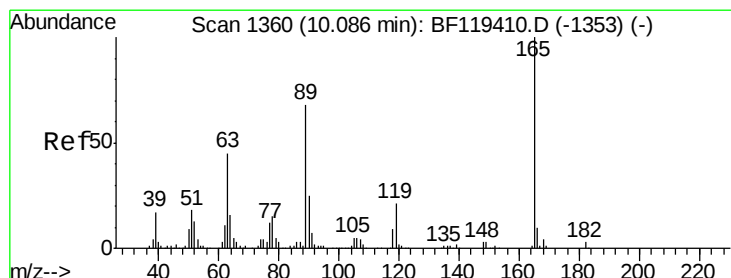
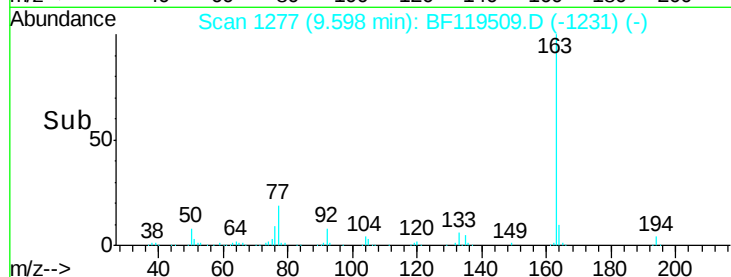
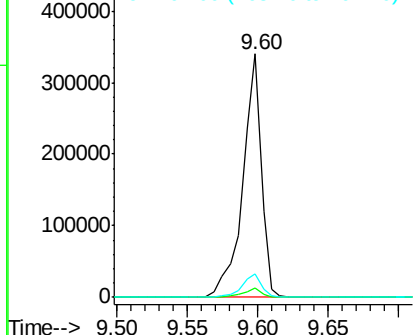
#50
Dimethylphthalate
Concen: 5.92 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF119509.D
Acq: 25 Mar 2020 17:28

Instrument :
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Tgt Ion:163 Resp: 313179
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.6 8.1 12.1

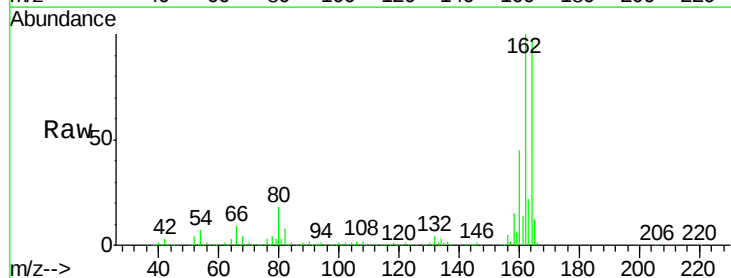


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

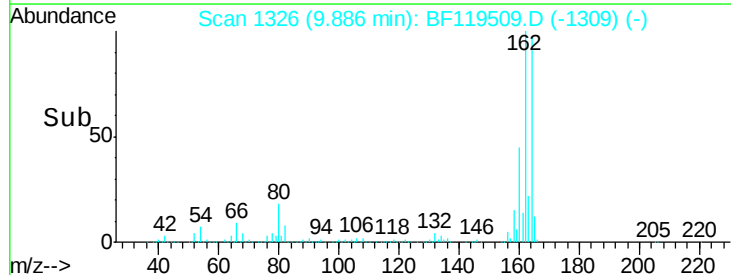
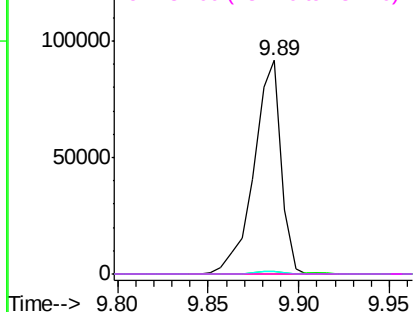


#57
2,4-Dinitrotoluene
Concen: 6.68 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119509.D
Acq: 25 Mar 2020 17:28

Tgt Ion:165 Resp: 95420
Ion Ratio Lower Upper
165 100
63 1.3 36.2 54.4#
89 1.3 54.3 81.5#
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: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119509.D

Acq: 25 Mar 2020 17:28

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NB-08-032420

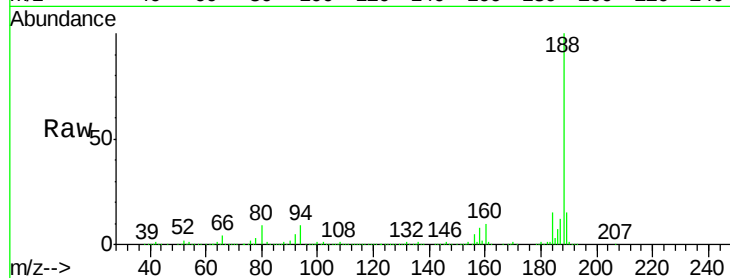
Tgt Ion:188 Resp: 1434677

Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

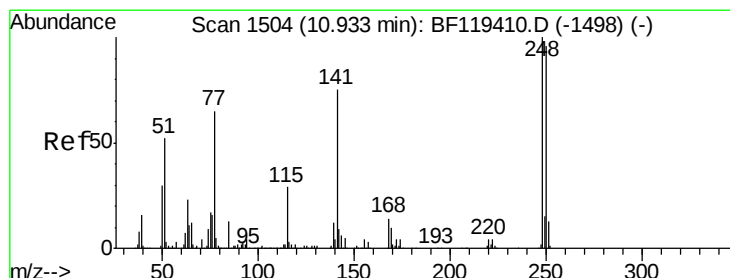
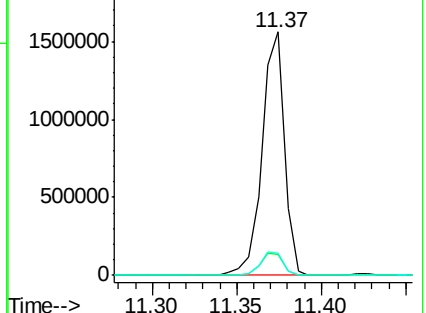
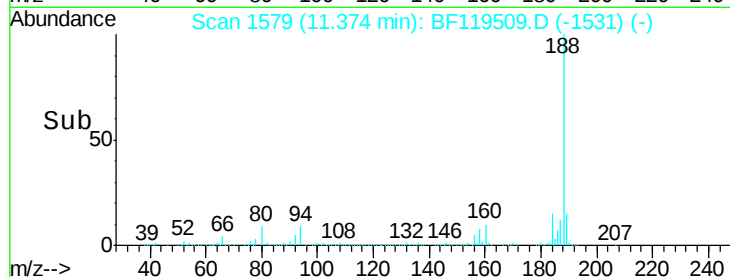
80 9.2 7.5 11.3



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: 4.47 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119509.D

Acq: 25 Mar 2020 17:28

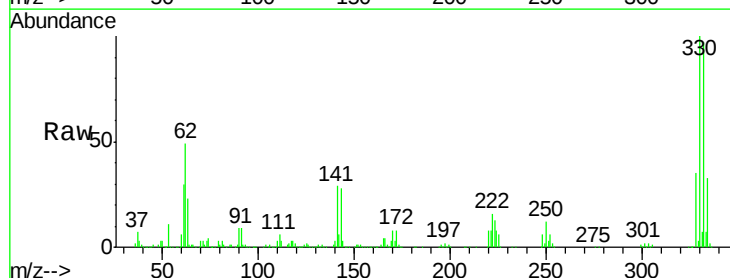
Tgt Ion:248 Resp: 73075

Ion Ratio Lower Upper

248 100

250 198.9 77.0 115.6#

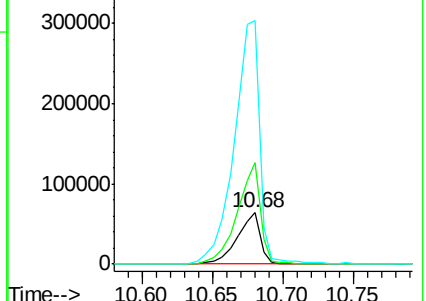
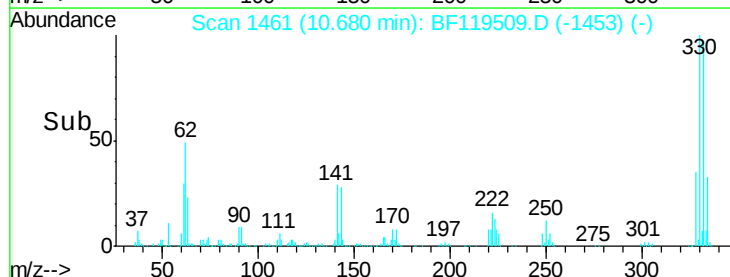
141 475.7 59.7 89.5#

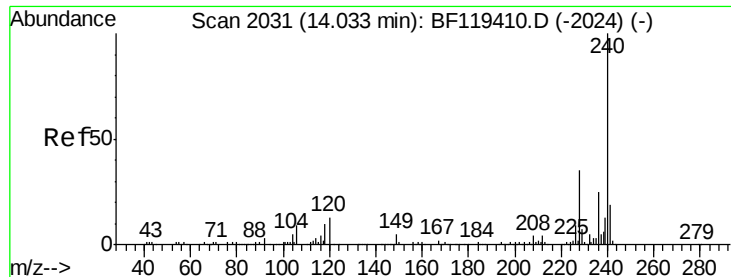


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

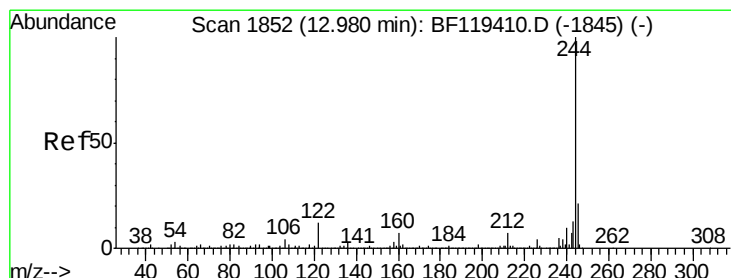
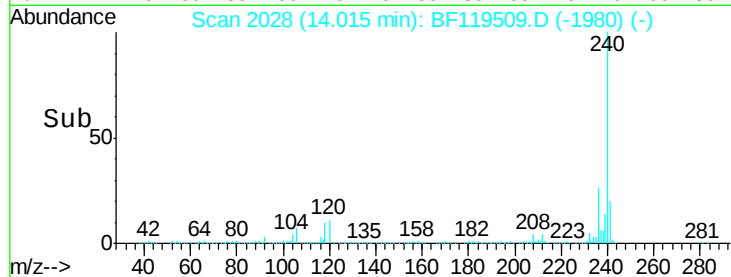
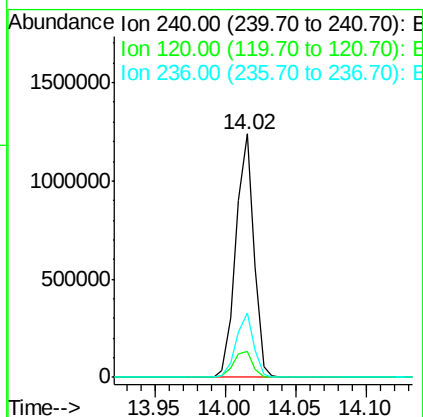
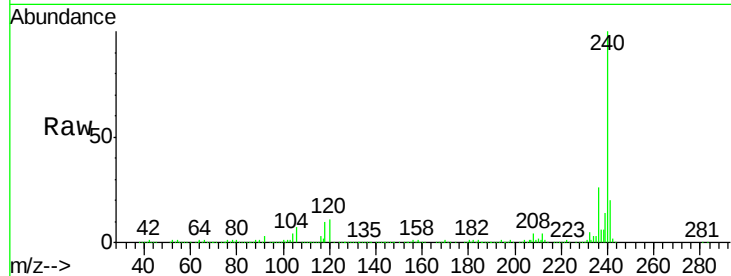




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119509.D
Acq: 25 Mar 2020 17:28

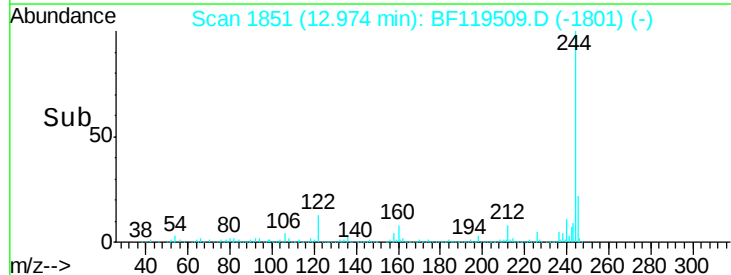
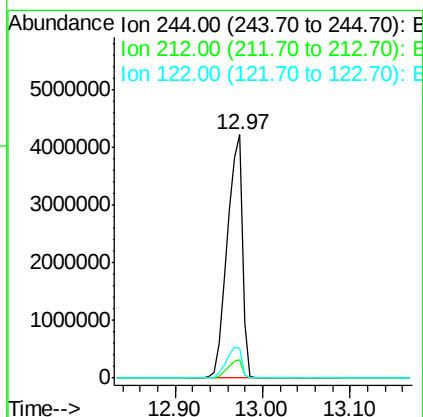
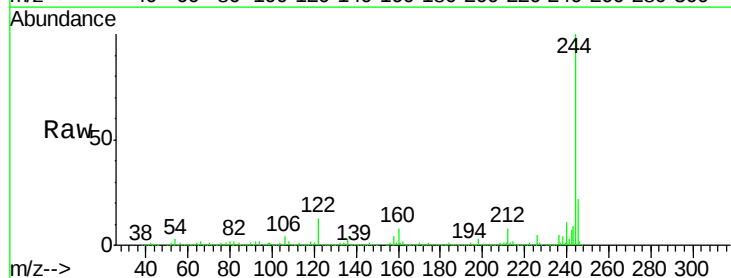
Instrument :
BNA_F
ClientSampleId :
NB-08-032420

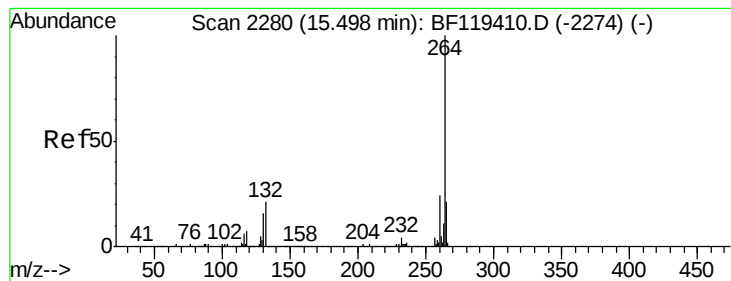
Tgt Ion:240 Resp: 1102406
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 26.2 20.4 30.6



#79
Terphenyl-d14
Concen: 90.69 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119509.D
Acq: 25 Mar 2020 17:28

Tgt Ion:244 Resp: 5103192
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.5 9.8 14.8





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF119509.D

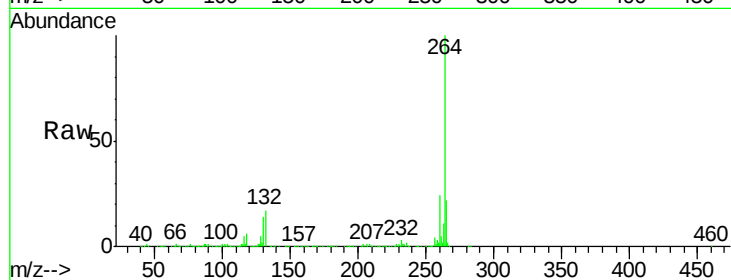
Acq: 25 Mar 2020 17:28

Instrument :

BNA_F

ClientSampleId :

NB-08-032420



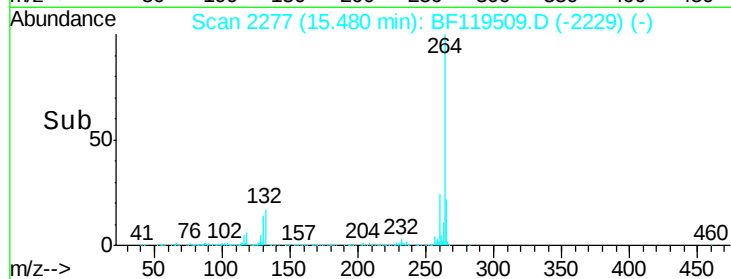
Tgt Ion:264 Resp: 888551

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 16.9 25.3



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

