

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010170.D
 Acq On : 10 Mar 2020 21:16
 Operator : CG/JU
 Sample : L1842-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-20200303

Quant Time: Mar 11 03:23:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

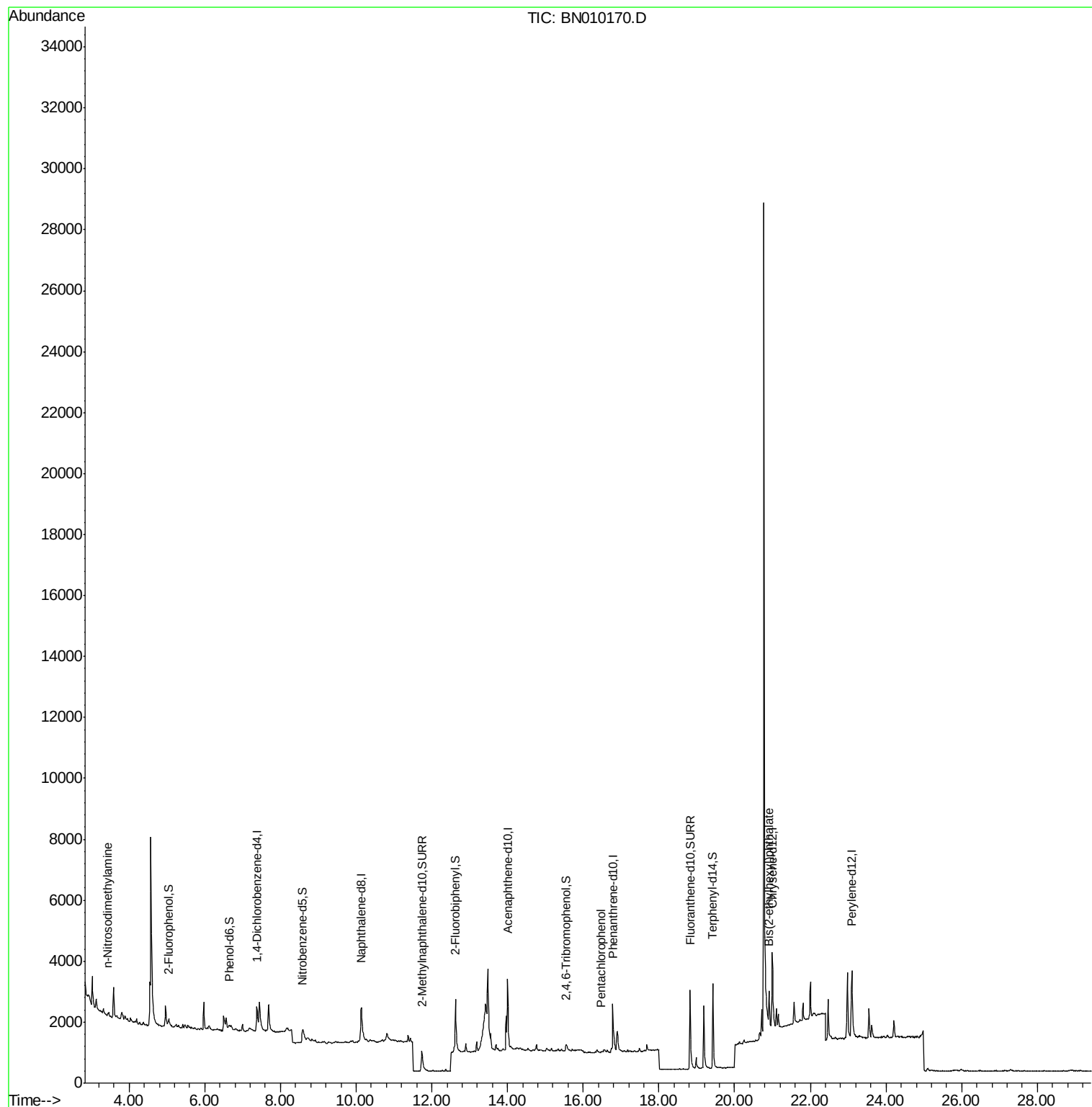
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	721	0.40	ng	-0.04
7) Naphthalene-d8	10.14	136	2525	0.40	ng	-0.04
13) Acenaphthene-d10	14.00	164	1619	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	3169	0.40	ng	-0.03
27) Chrysene-d12	20.99	240	3407	0.40	ng	-0.04
34) Perylene-d12	23.09	264	3535	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	351	0.22	ng	-0.04
5) Phenol-d6	6.63	99	211	0.11	ng	-0.02
8) Nitrobenzene-d5	8.58	82	843	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.73	152	1668	0.34	ng	-0.05
14) 2,4,6-Tribromophenol	15.55	330	221	0.35	ng	-0.03
15) 2-Fluorobiphenyl	12.63	172	2517	0.41	ng	-0.06
25) Fluoranthene-d10	18.82	212	4154	0.38	ng	-0.04
29) Terphenyl-d14	19.43	244	3757	0.46	ng	-0.05
Target Compounds						
3) n-Nitrosodimethylamine	3.44	42	29	0.024	ng	# 28
20) 4-Bromophenyl-phenylether	16.01	248	89	Below Cal		# 72
22) Pentachlorophenol	16.48	266	3	0.183	ng	# 76
32) Bis(2-ethylhexyl)phthalate	20.91	149	1253	0.227	ng	# 86

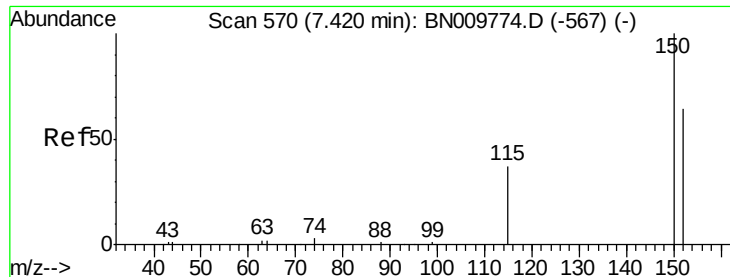
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
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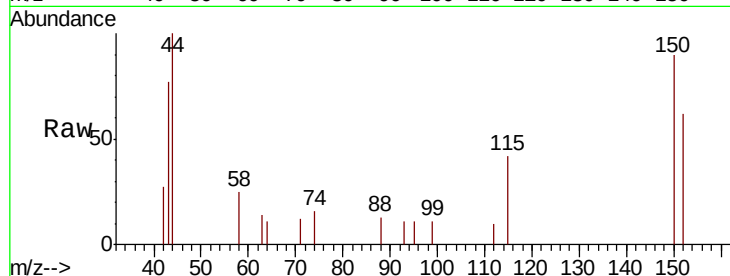


#1

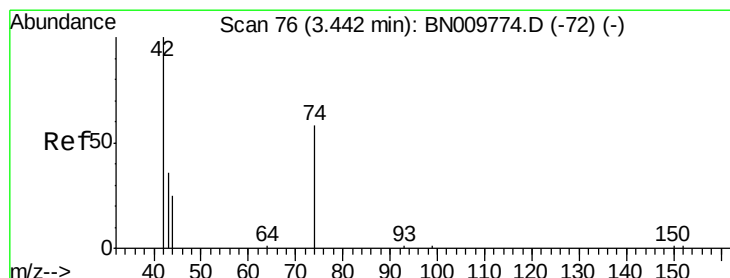
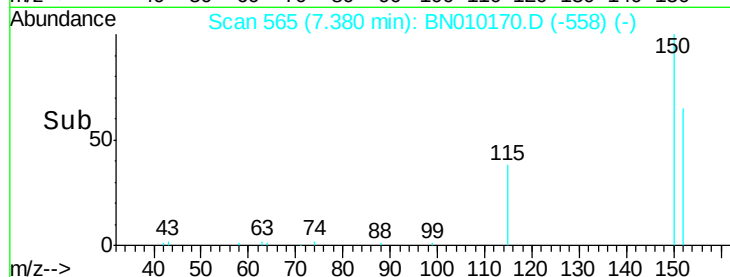
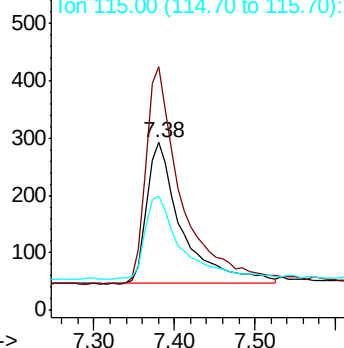
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010170.D
Acq: 10 Mar 2020 21:16

Instrument :
BNA_N
ClientSampleId :
EB-01-20200303

Tot Ion:152 Resp: 721
Ion Ratio Lower Upper
152 100
150 145.2 120.6 181.0
115 67.8 51.2 76.8



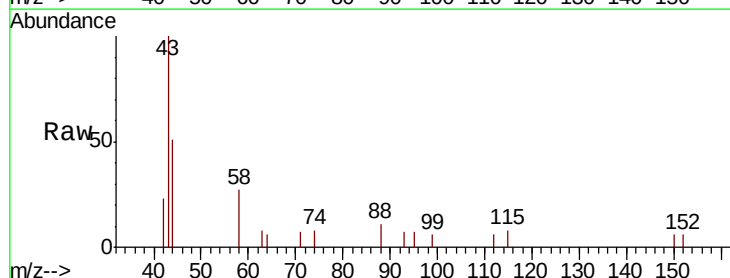
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



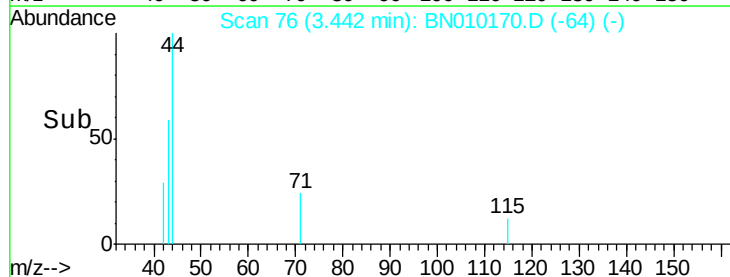
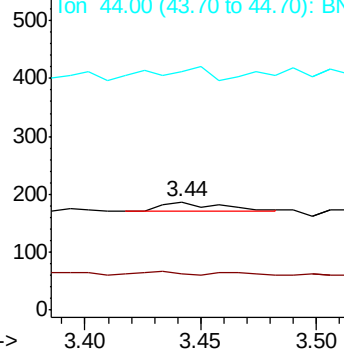
#3

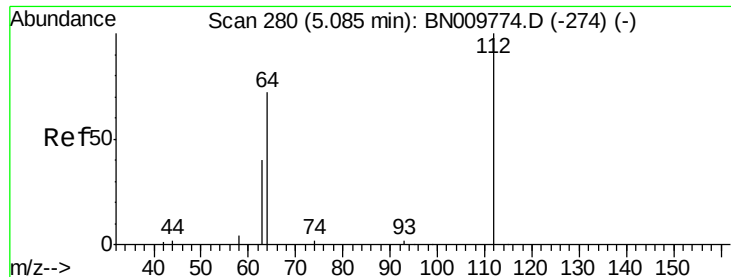
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.44 min Scan# 76
Delta R.T. -0.00 min
Lab File: BN010170.D
Acq: 10 Mar 2020 21:16

Tgt Ion: 42 Resp: 29
Ion Ratio Lower Upper
42 100
74 20.7 51.2 76.8#
44 134.5 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.219 ng

RT: 5.04 min Scan# 275

Delta R.T. -0.04 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

Instrument :

BNA_N

ClientSampleId :

EB-01-20200303

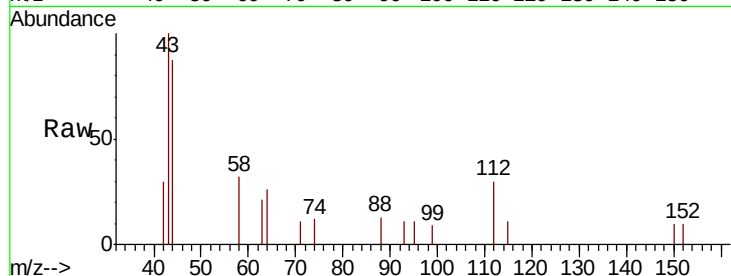
Tot Ion:112 Resp: 351

Ion Ratio Lower Upper

112 100

64 71.8 65.8 98.6

63 45.6 38.7 58.1

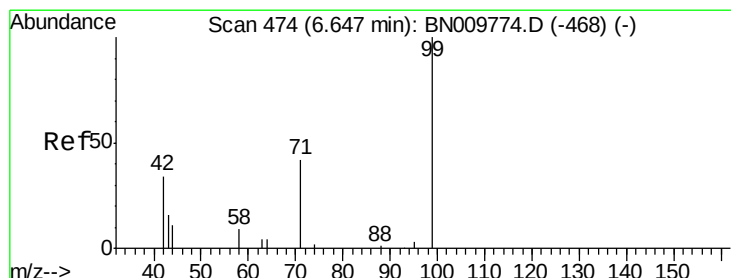
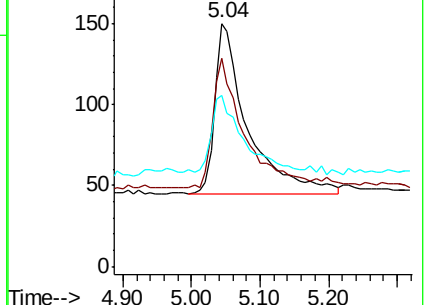
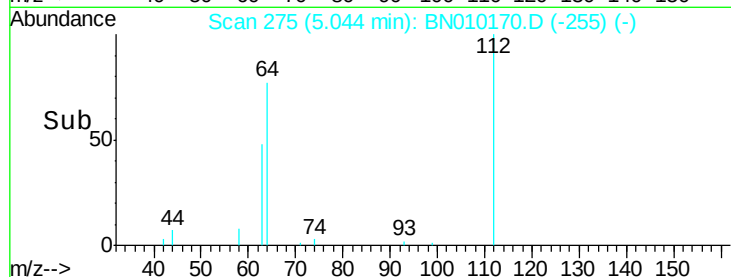


Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

Time-->



#5

Phenol-d6

Concen: 0.108 ng

RT: 6.63 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

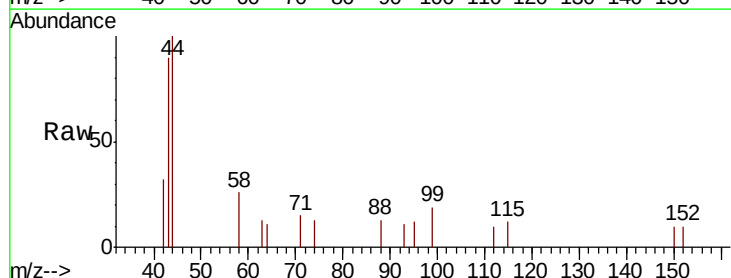
Tgt Ion: 99 Resp: 211

Ion Ratio Lower Upper

99 100

42 25.1 30.8 46.2#

71 18.5 34.9 52.3#

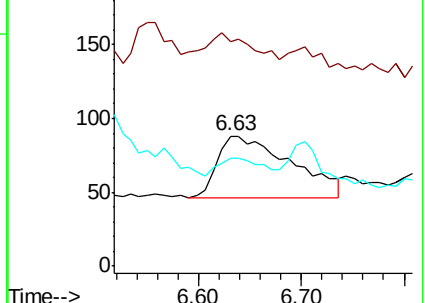
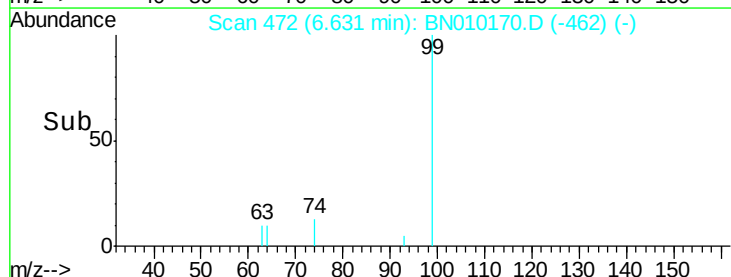


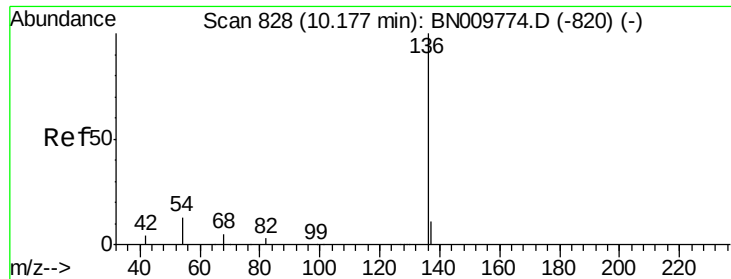
Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.04 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

Instrument :

BNA_N

ClientSampleId :

EB-01-20200303

Tot Ion:136 Resp: 2525

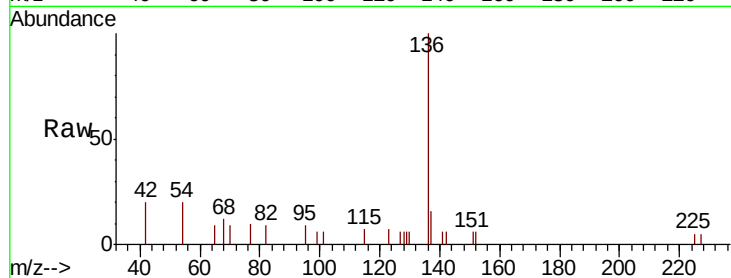
Ion Ratio Lower Upper

136 100

137 15.6 11.3 16.9

54 20.2 13.4 20.2#

68 12.0 7.0 10.4#

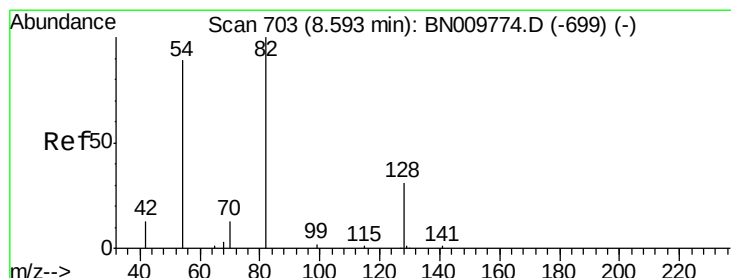
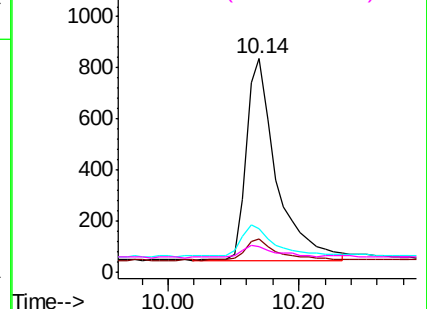
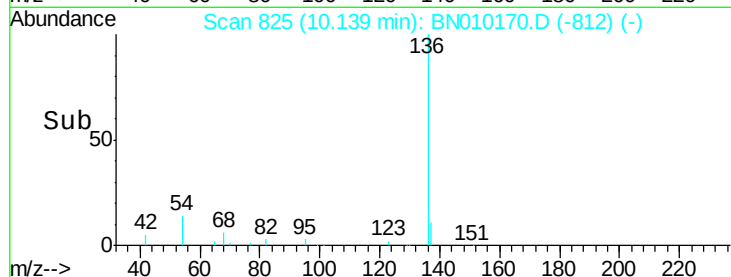


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.401 ng

RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

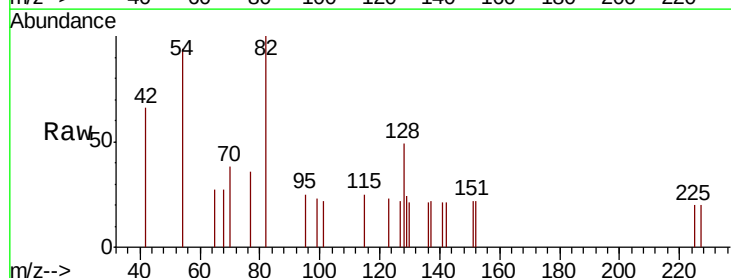
Tgt Ion: 82 Resp: 843

Ion Ratio Lower Upper

82 100

128 49.1 32.5 48.7#

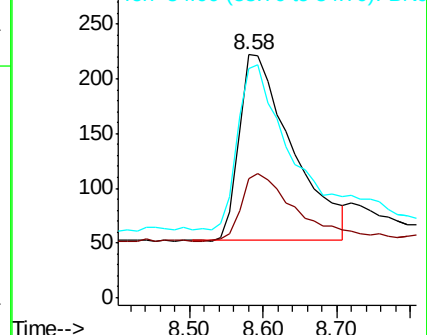
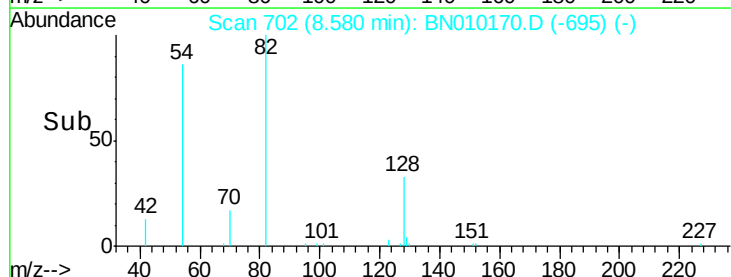
54 94.1 73.5 110.3

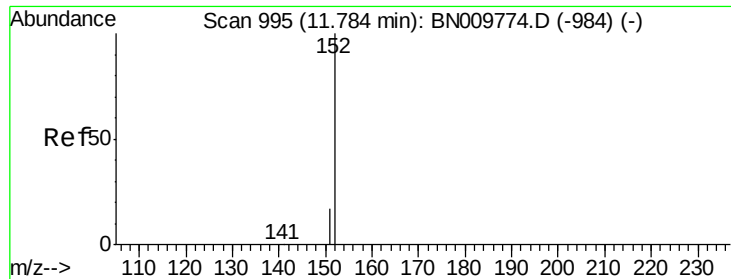


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

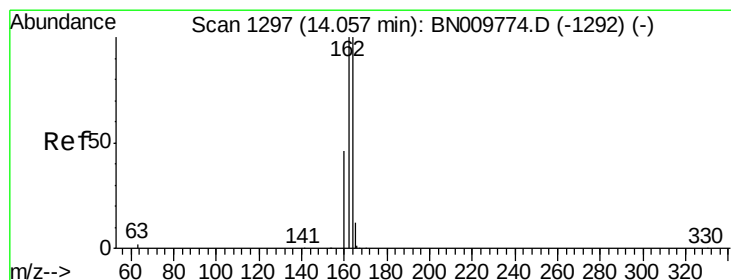
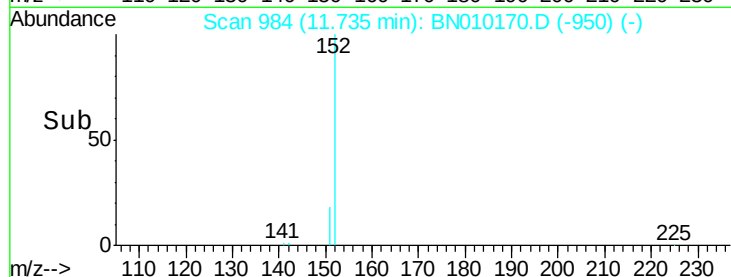
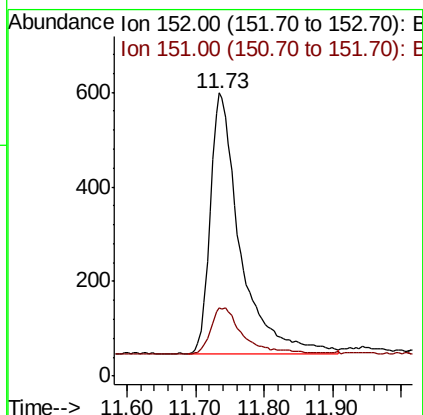
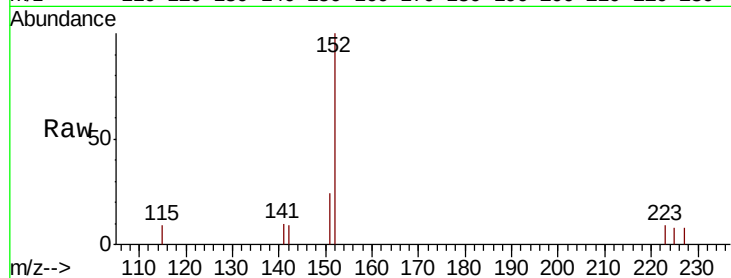




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 11.73 min Scan# 984
Delta R.T. -0.05 min
Lab File: BN010170.D
Acq: 10 Mar 2020 21:16

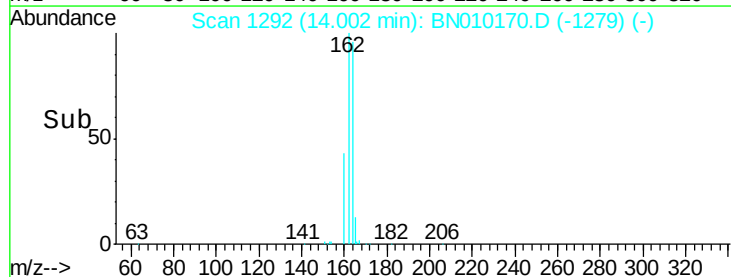
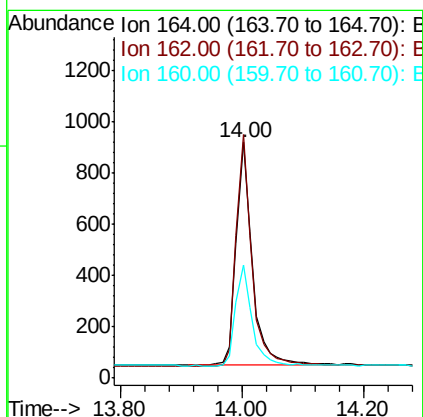
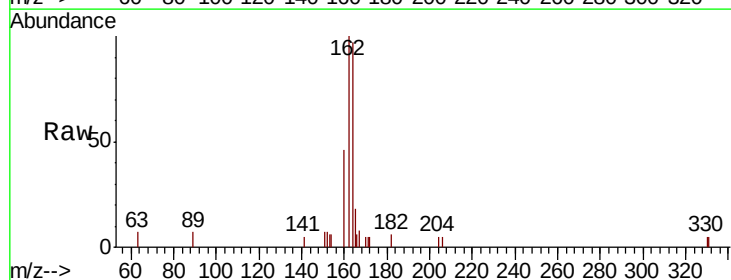
Instrument :
BNA_N
ClientSampleId :
EB-01-20200303

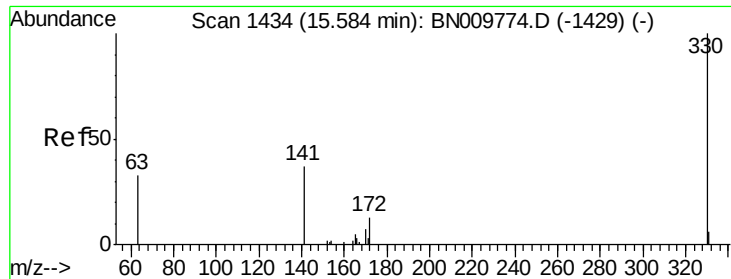
Tot Ion:152 Resp: 1668
Ion Ratio Lower Upper
152 100
151 19.1 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010170.D
Acq: 10 Mar 2020 21:16

Tgt Ion:164 Resp: 1619
Ion Ratio Lower Upper
164 100
162 103.5 79.9 119.9
160 48.0 38.2 57.2

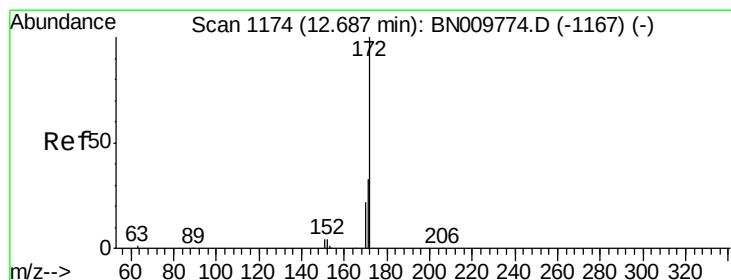
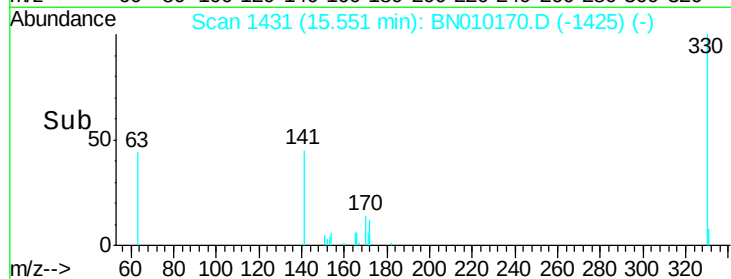
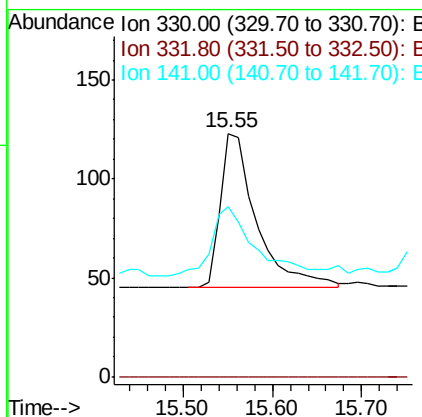
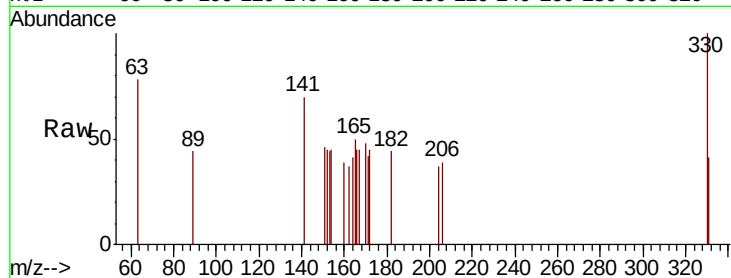




#14
 2,4,6-Tribromophenol
 Concen: 0.354 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BN010170.D
 Acq: 10 Mar 2020 21:16

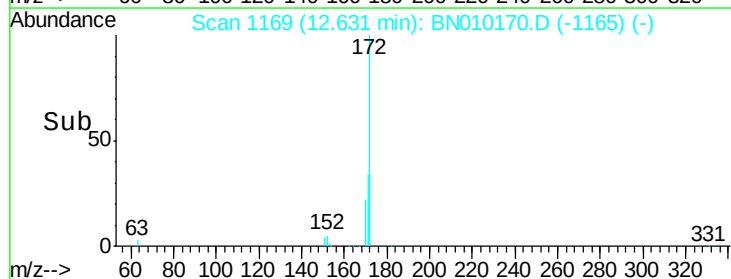
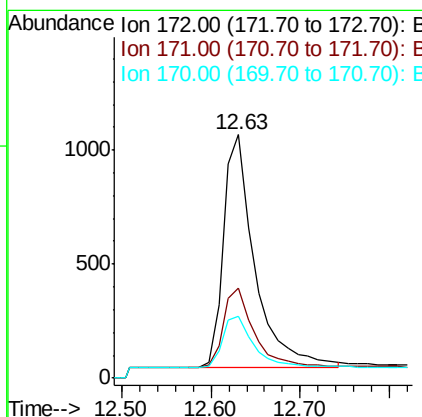
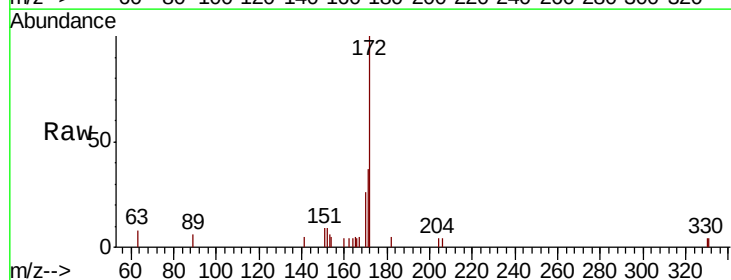
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-20200303

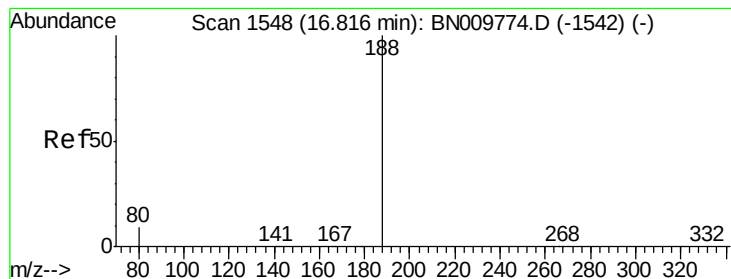
Tot Ion:330 Resp: 221
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 53.4 36.8 55.2



#15
 2-Fluorobiphenyl
 Concen: 0.412 ng
 RT: 12.63 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BN010170.D
 Acq: 10 Mar 2020 21:16

Tgt Ion:172 Resp: 2517
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.7 43.1
 170 25.6 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

Instrument :

BNA_N

ClientSampleId :

EB-01-20200303

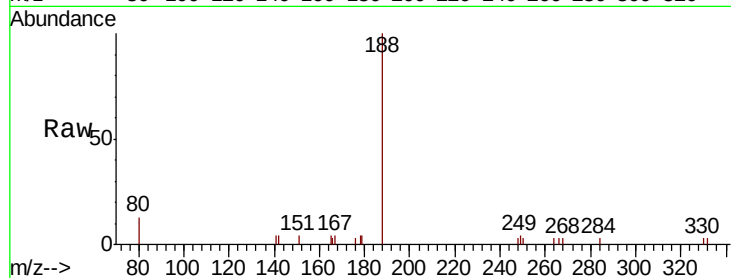
Tot Ion:188 Resp: 3169

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

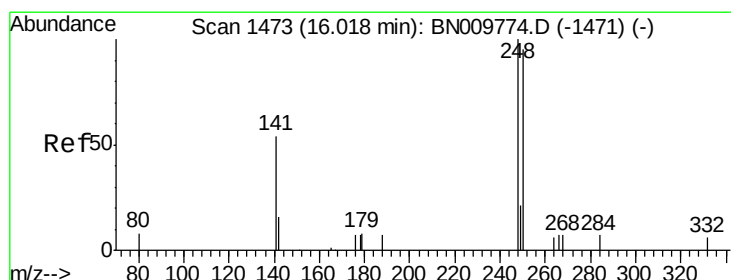
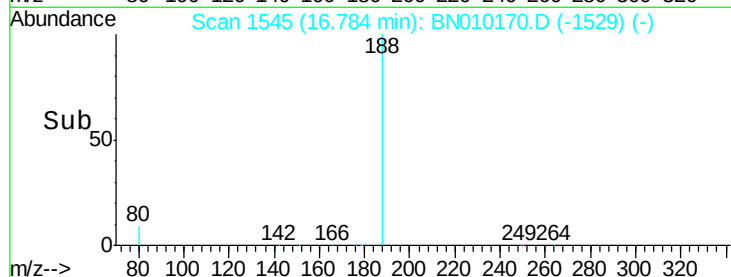
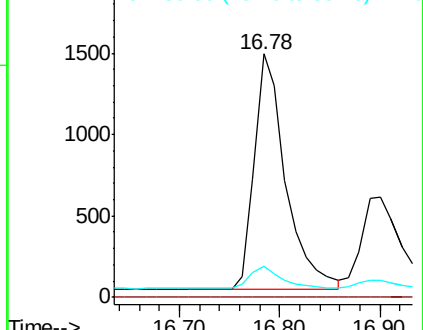
80 12.8 8.3 12.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

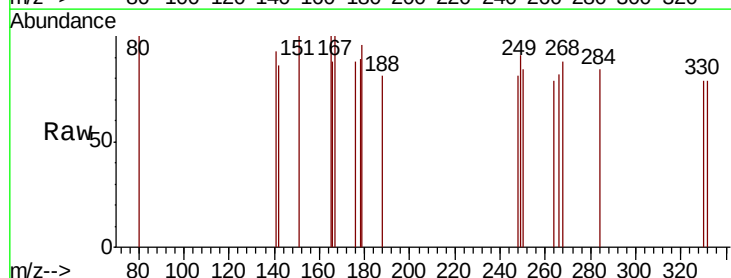
Tgt Ion:248 Resp: 89

Ion Ratio Lower Upper

248 100

250 104.3 76.2 114.4

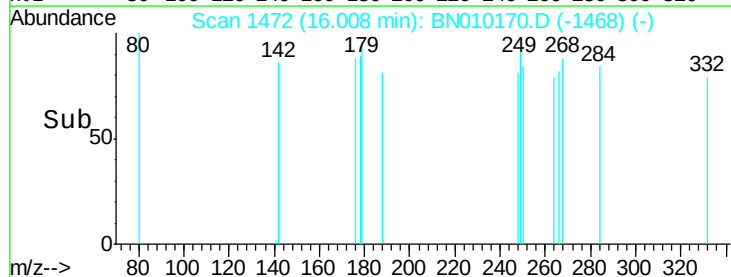
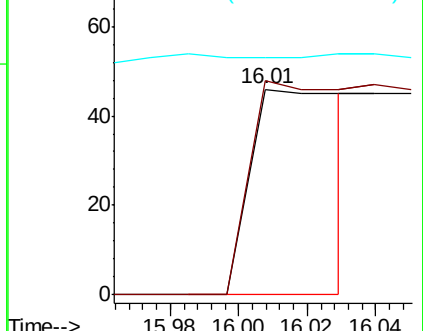
141 115.2 57.8 86.6#

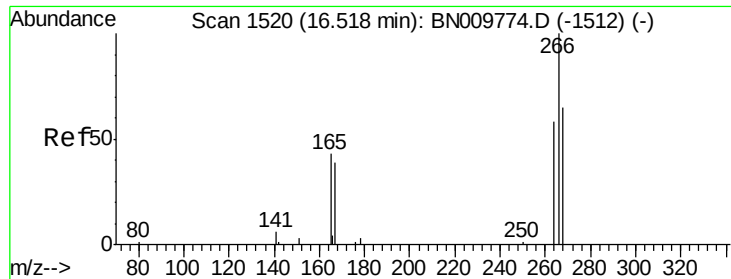


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

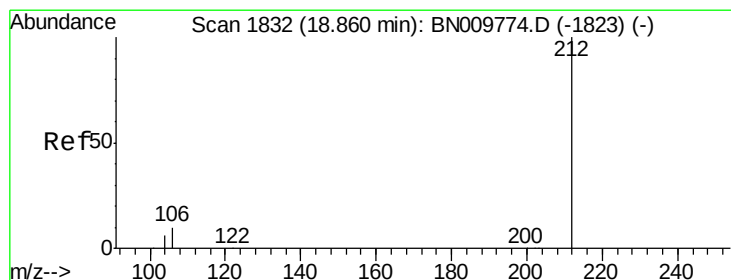
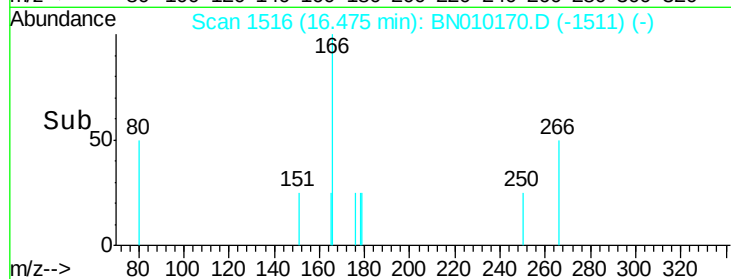
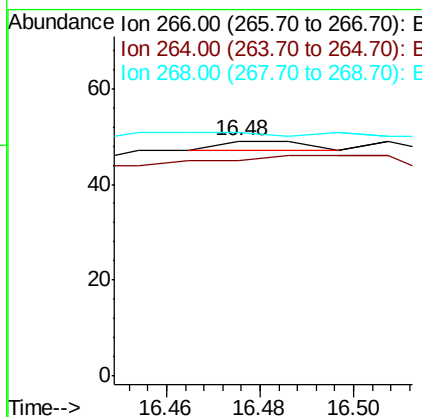
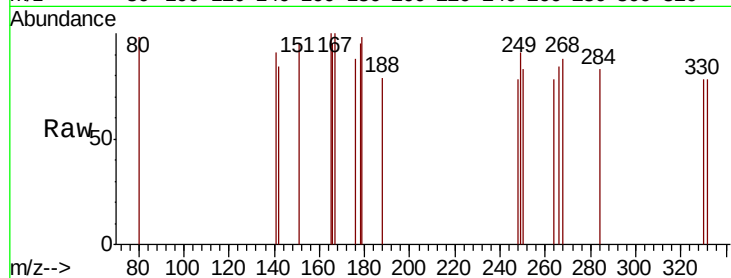




#22
 Pentachlorophenol
 Concen: 0.183 ng
 RT: 16.48 min Scan# 1516
 Delta R.T. -0.04 min
 Lab File: BN010170.D
 Acq: 10 Mar 2020 21:16

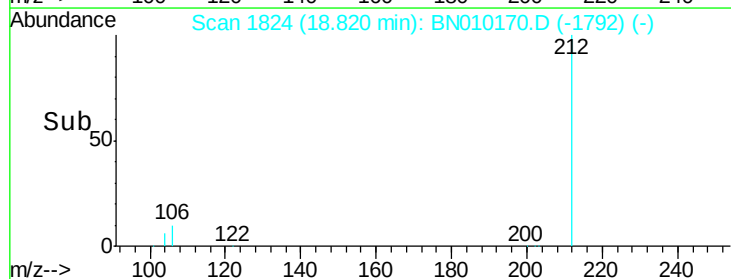
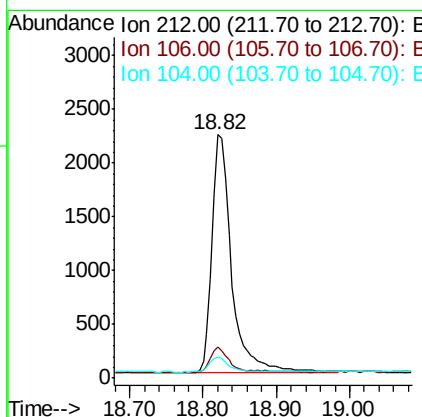
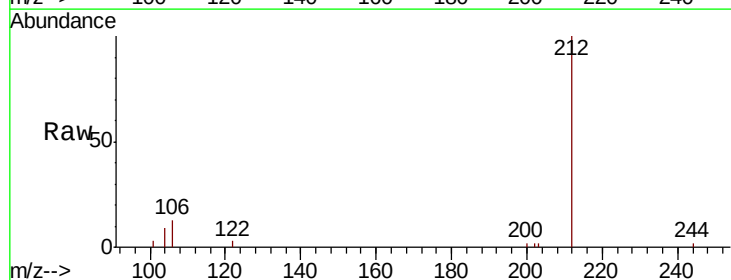
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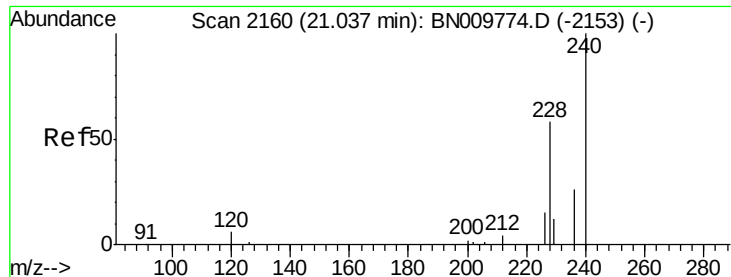
Tot Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 91.8 58.1 87.1#
 268 104.1 65.7 98.5#



#25
 Fluoranthene-d10
 Concen: 0.379 ng
 RT: 18.82 min Scan# 1824
 Delta R.T. -0.04 min
 Lab File: BN010170.D
 Acq: 10 Mar 2020 21:16

Tgt Ion:212 Resp: 4154
 Ion Ratio Lower Upper
 212 100
 106 10.2 8.4 12.6
 104 6.0 4.8 7.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

Instrument :

BNA_N

ClientSampleId :

EB-01-20200303

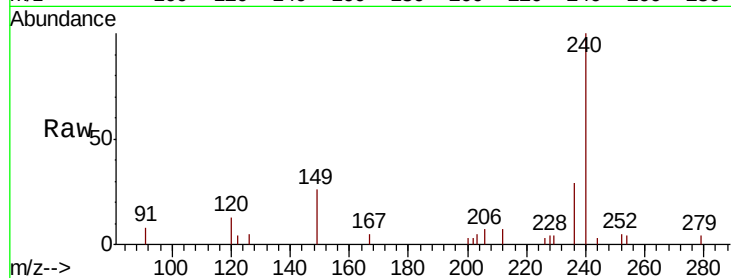
Tot Ion:240 Resp: 3407

Ion Ratio Lower Upper

240 100

120 13.1 7.9 11.9#

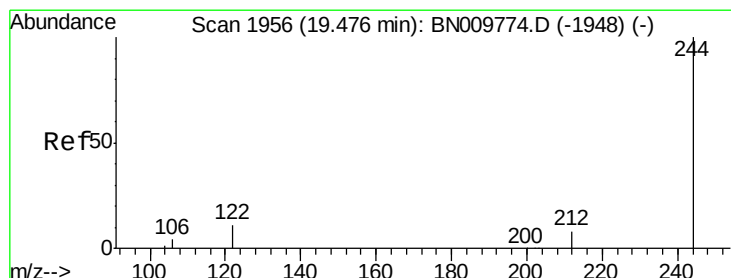
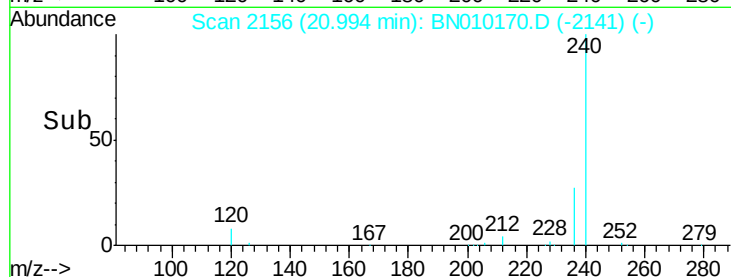
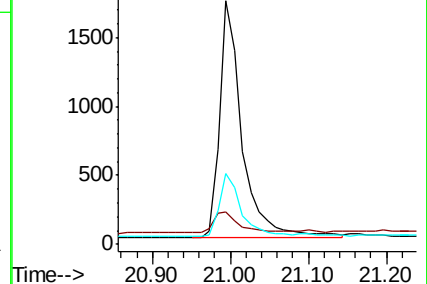
236 29.2 22.0 33.0



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



#29

Terphenyl-d14

Concen: 0.462 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

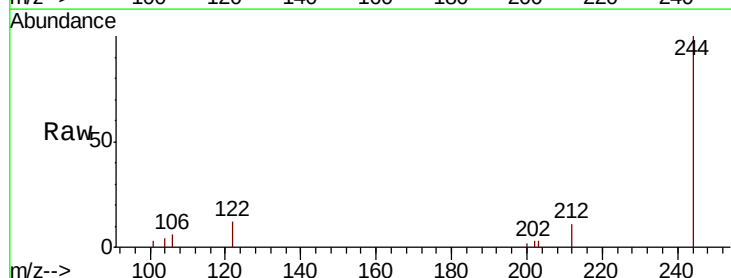
Tgt Ion:244 Resp: 3757

Ion Ratio Lower Upper

244 100

212 10.5 8.0 12.0

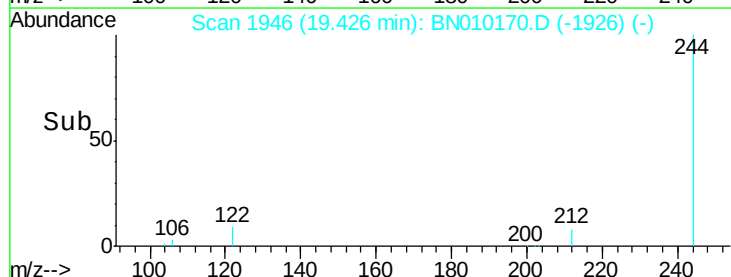
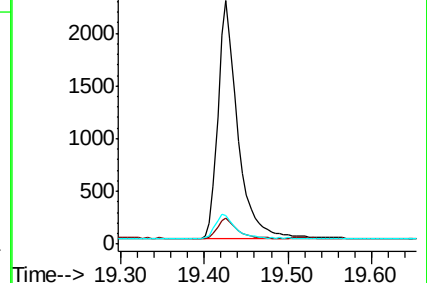
122 11.6 10.0 15.0

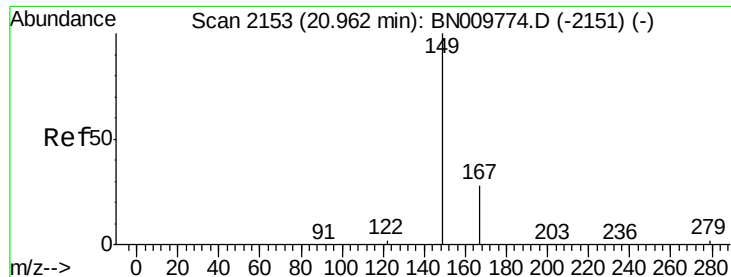


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

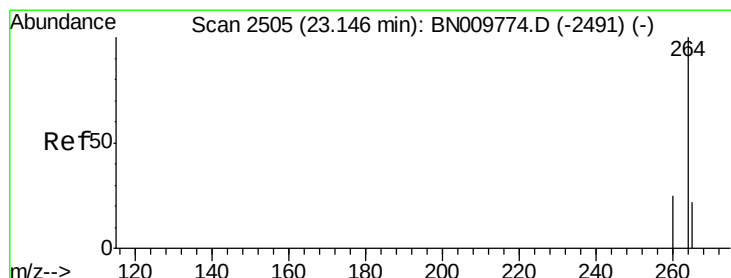
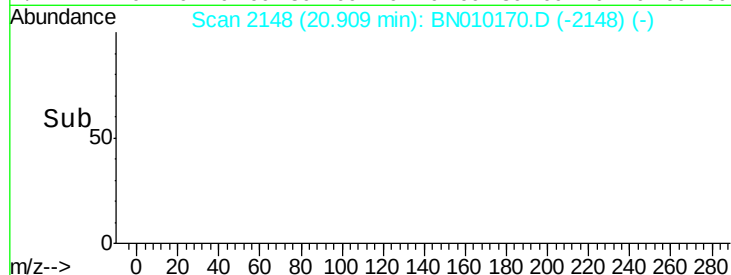
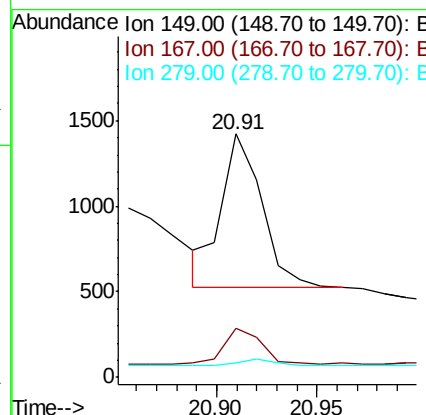
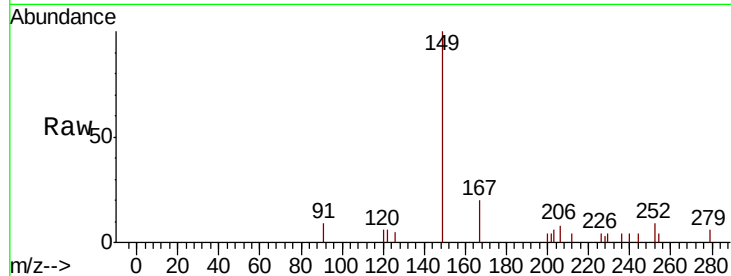




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.227 ng
 RT: 20.91 min Scan# 2148
 Delta R.T. -0.05 min
 Lab File: BN010170.D
 Acq: 10 Mar 2020 21:16

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-20200303

Tot Ion:149 Resp: 1253
 Ion Ratio Lower Upper
 149 100
 167 20.3 22.7 34.1#
 279 4.2 3.1 4.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.09 min Scan# 2490
 Delta R.T. -0.05 min
 Lab File: BN010170.D
 Acq: 10 Mar 2020 21:16

Tgt Ion:264 Resp: 3535
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.1 31.7
 265 71.4 57.5 86.3

