

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010260.D
 Acq On : 18 Mar 2020 11:14
 Operator : CG/JU
 Sample : L1903-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20200309

Quant Time: Mar 18 15:22:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

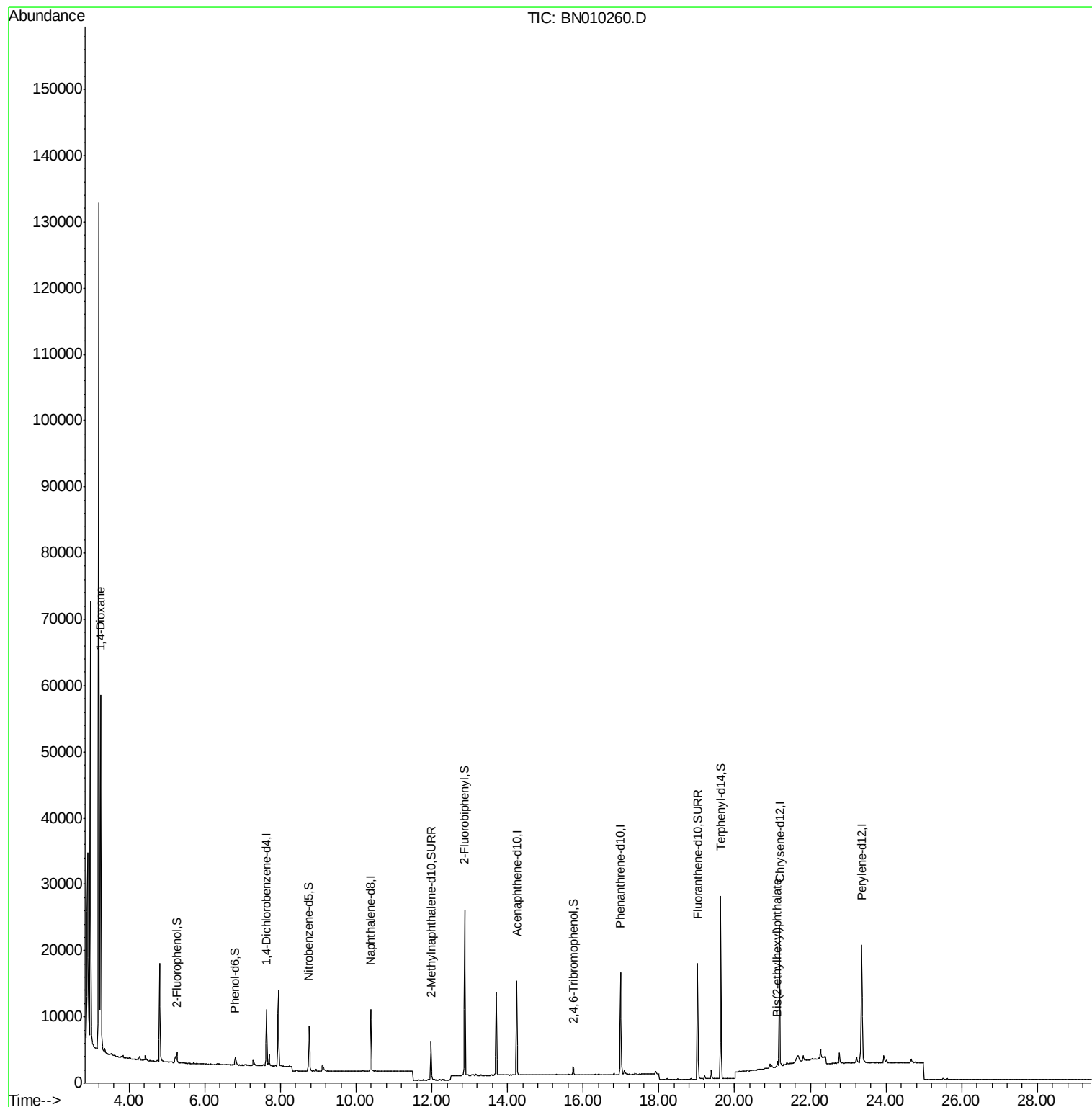
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3815	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13297	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	8035	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19742	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	19662	0.40	ng	-0.01
34) Perylene-d12	23.36	264	22342	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1405	0.16	ng	0.00
5) Phenol-d6	6.81	99	1061	0.09	ng	0.00
8) Nitrobenzene-d5	8.76	82	5528	0.69	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7460	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	1060	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	21585	0.75	ng	-0.01
25) Fluoranthene-d10	19.02	212	21290	0.35	ng	-0.01
29) Terphenyl-d14	19.63	244	27380	0.61	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.25	88	32824	8.819	ng	# 52
32) Bis(2-ethylhexyl)phthalate	21.13	149	746	0.026	ng	# 97

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

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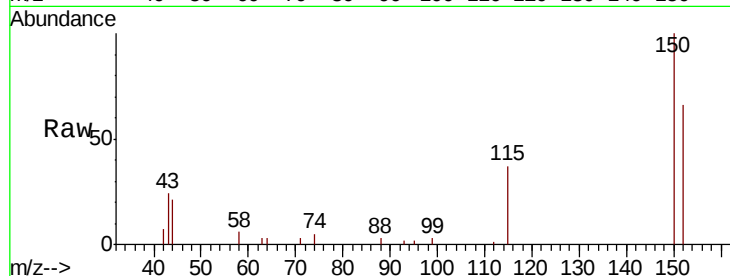


#1

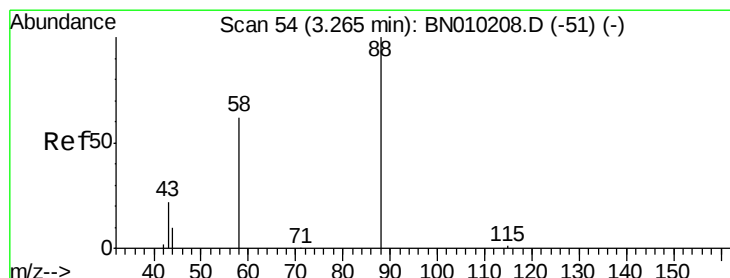
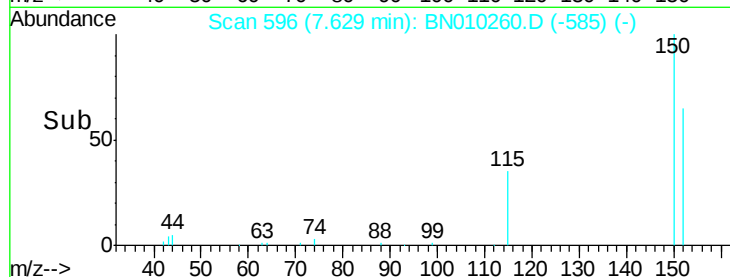
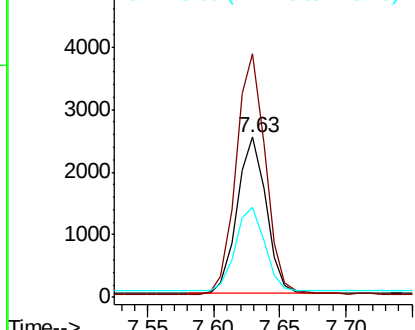
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010260.D
Acq: 18 Mar 2020 11:14

Instrument :
BNA_N
ClientSampleId :
RE131D2-20200309

Tot Ion:152 Resp: 3815
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 56.4 50.9 76.3



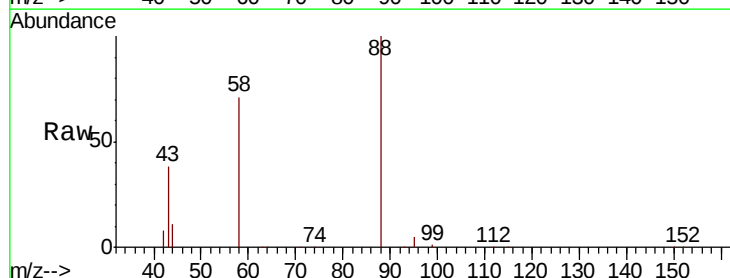
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



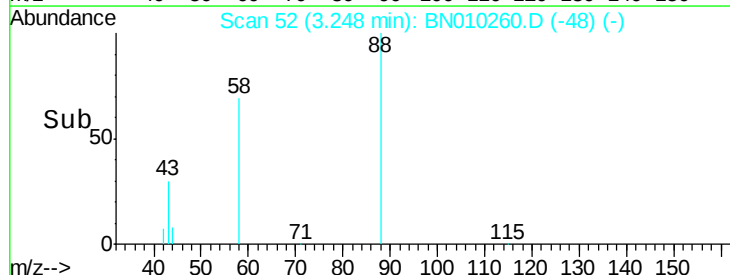
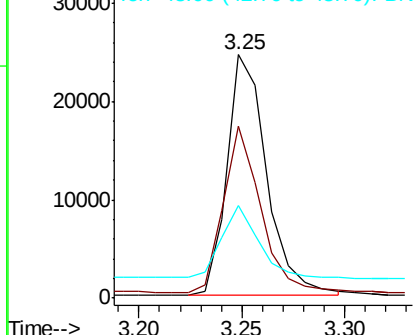
#2

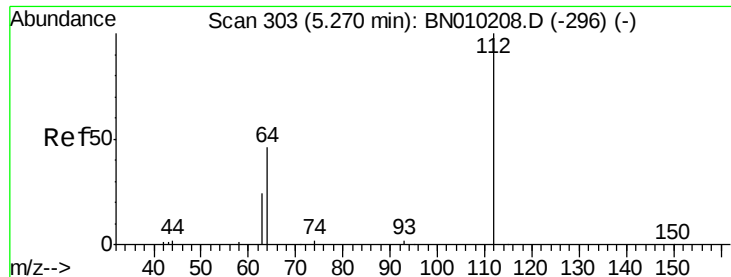
1,4-Dioxane
Concen: 8.819 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.02 min
Lab File: BN010260.D
Acq: 18 Mar 2020 11:14

Tgt Ion: 88 Resp: 32824
Ion Ratio Lower Upper
88 100
58 64.4 97.8 146.8#
43 27.4 45.1 67.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200309

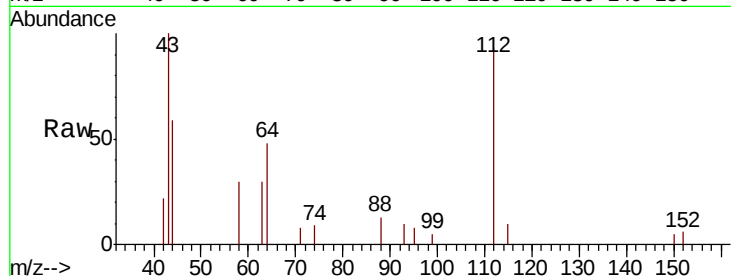
Tot Ion: 112 Resp: 1405

Ion Ratio Lower Upper

112 100

64 52.4 42.6 63.8

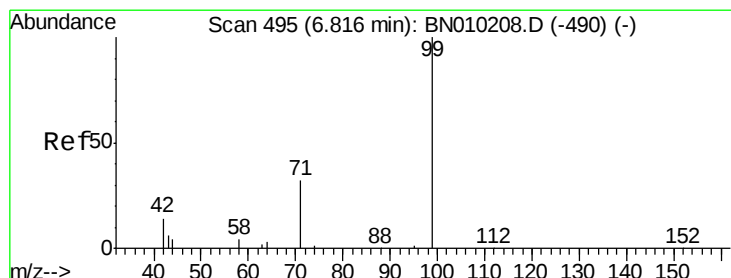
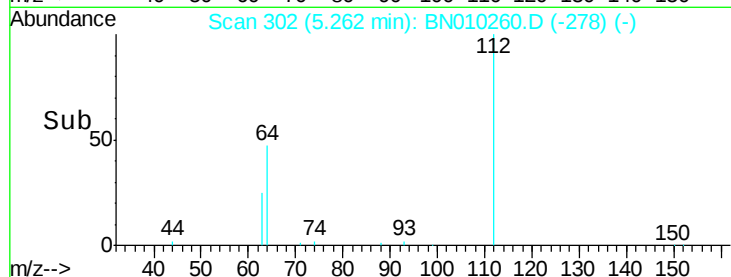
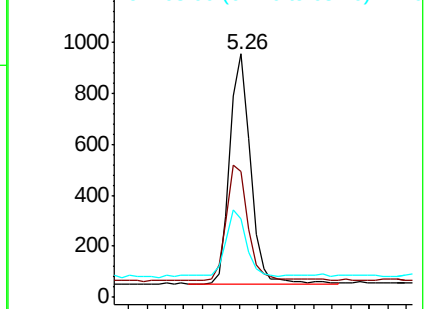
63 28.0 23.6 35.4



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



#5

Phenol-d6

Concen: 0.095 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

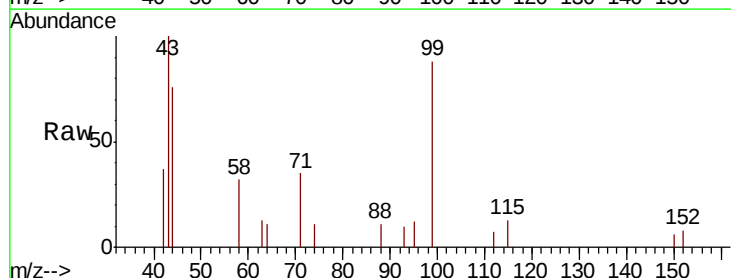
Tgt Ion: 99 Resp: 1061

Ion Ratio Lower Upper

99 100

42 31.5 12.0 18.0#

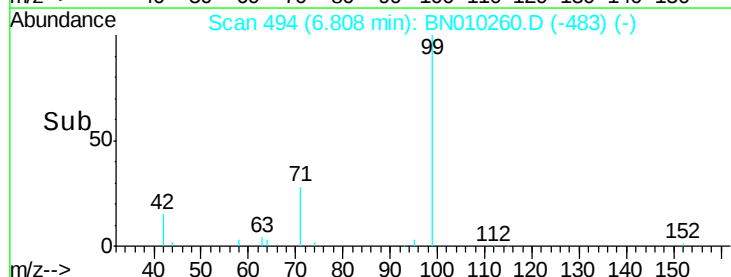
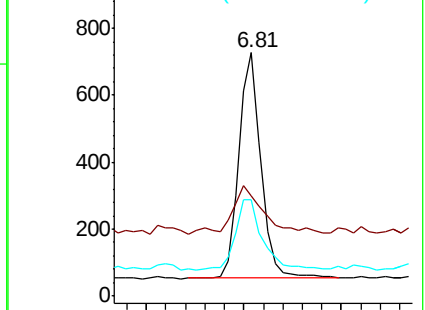
71 38.2 22.6 33.8#

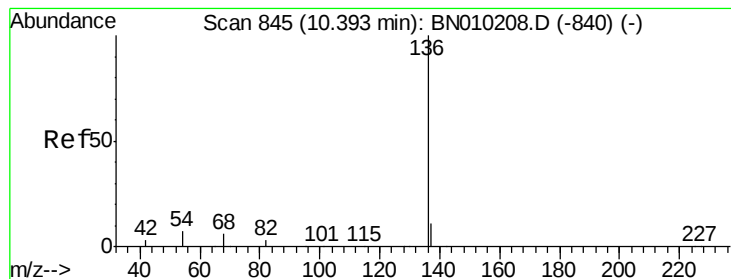


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200309

Tot Ion:136 Resp: 13297

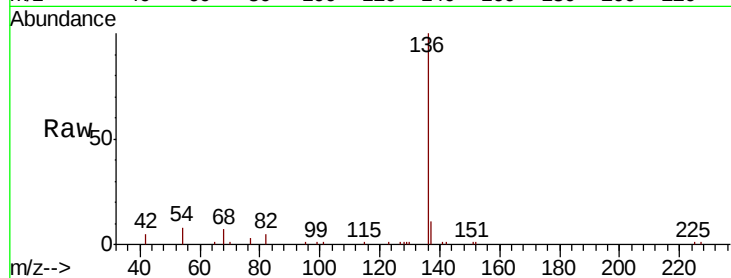
Ion Ratio Lower Upper

136 100

137 11.3 10.6 15.8

54 8.2 9.5 14.3#

68 7.3 9.7 14.5#

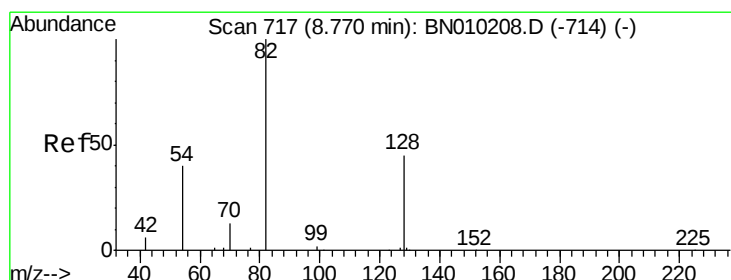
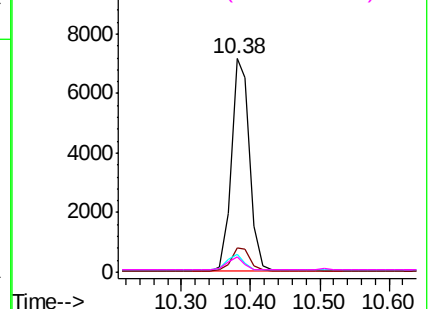
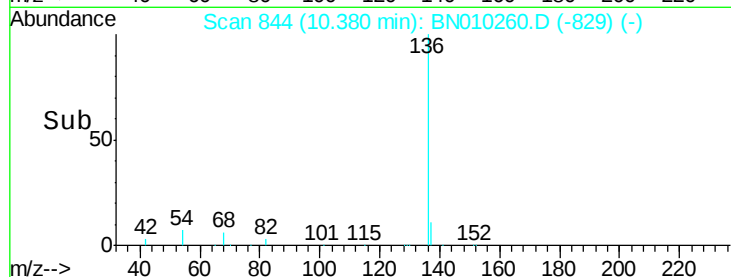


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.693 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

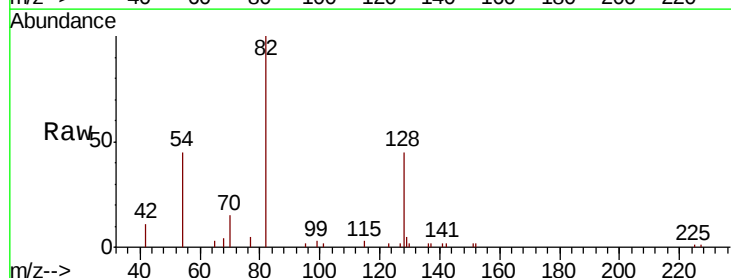
Tgt Ion: 82 Resp: 5528

Ion Ratio Lower Upper

82 100

128 44.9 35.0 52.6

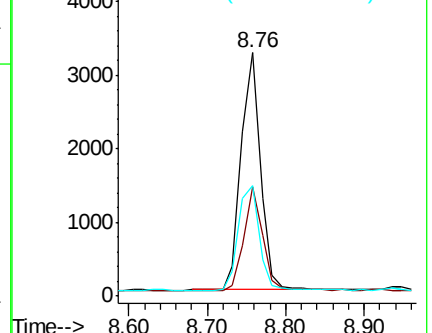
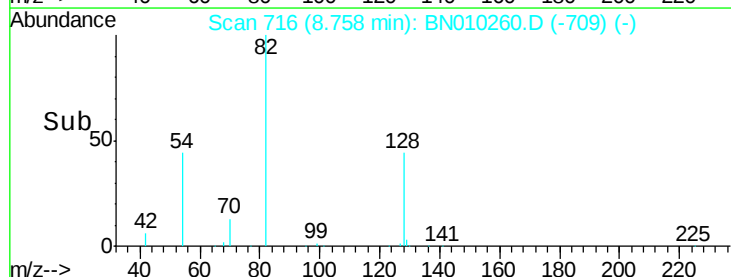
54 45.2 37.0 55.4

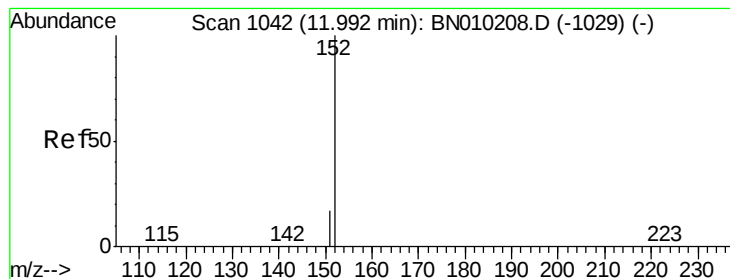


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.340 ng

RT: 11.98 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

Instrument :

BNA_N

ClientSampleId :

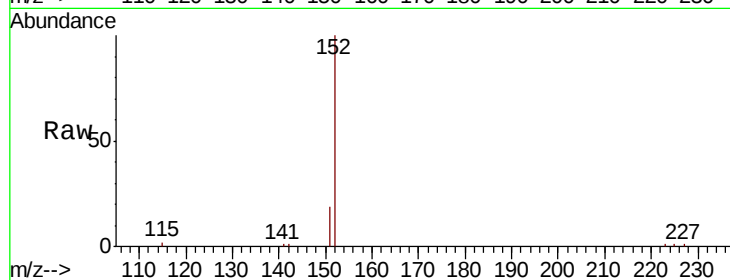
RE131D2-20200309

Tot Ion:152 Resp: 7460

Ion Ratio Lower Upper

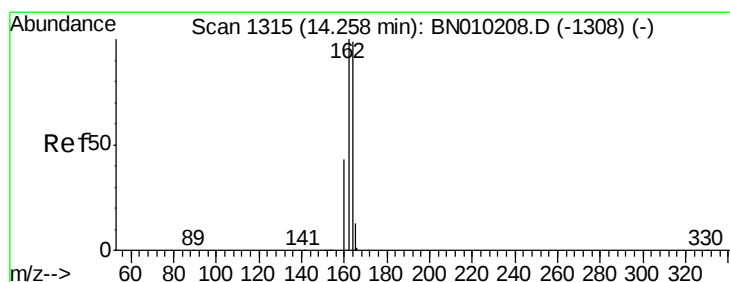
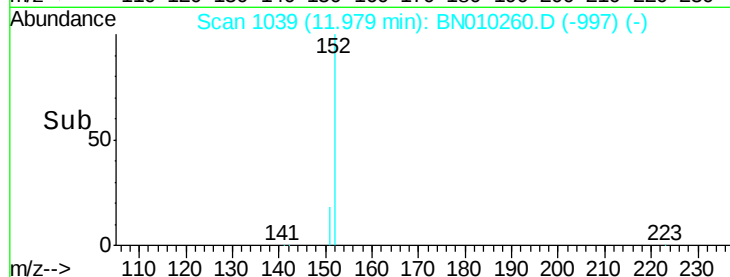
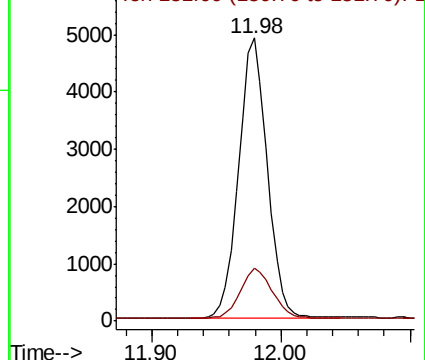
152 100

151 19.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

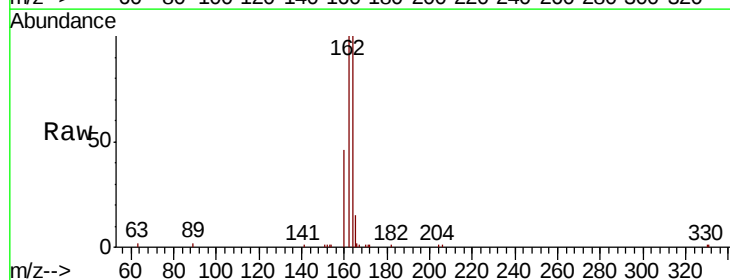
Tgt Ion:164 Resp: 8035

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

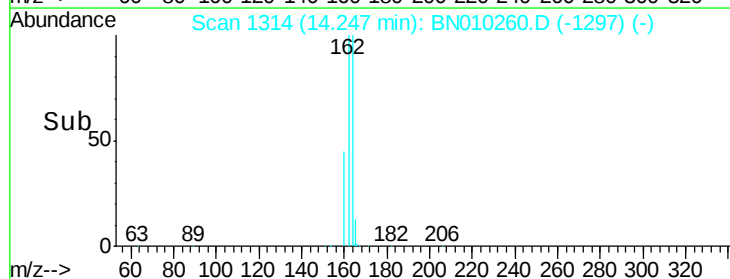
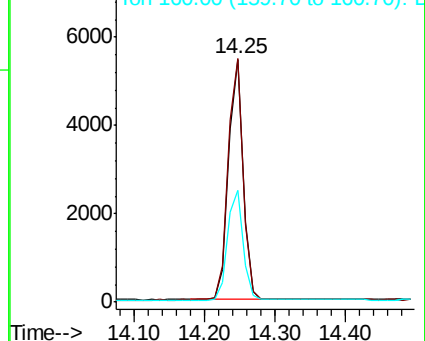
160 45.9 35.6 53.4

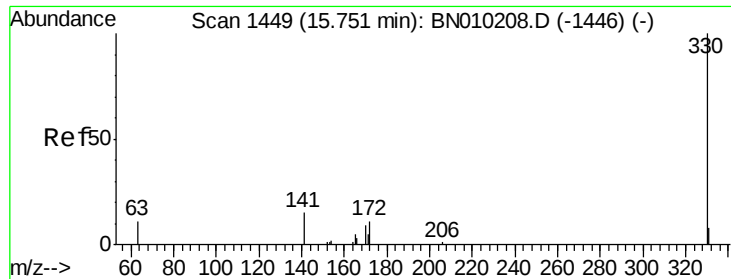


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

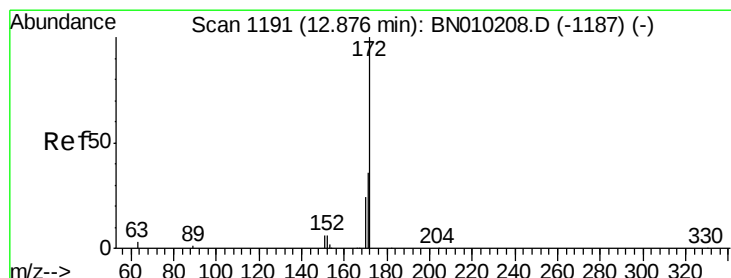
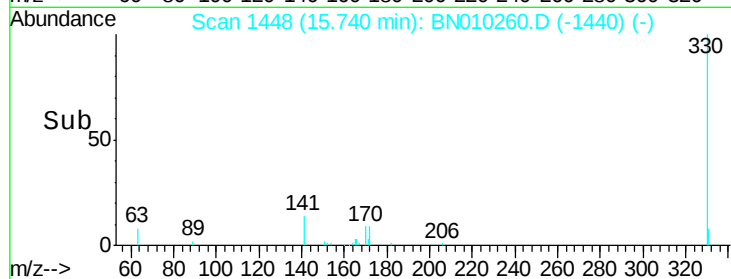
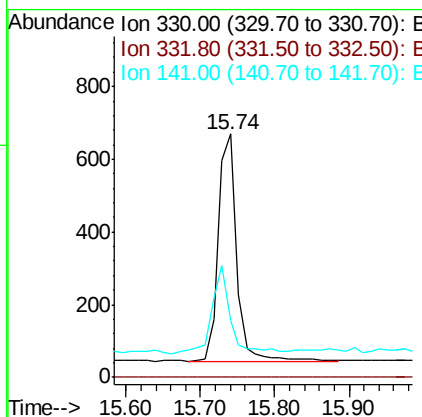
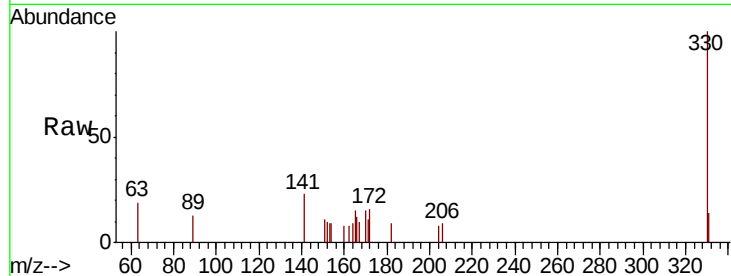




#14
 2,4,6-Tribromophenol
 Concen: 0.369 ng
 RT: 15.74 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BN010260.D
 Acq: 18 Mar 2020 11:14

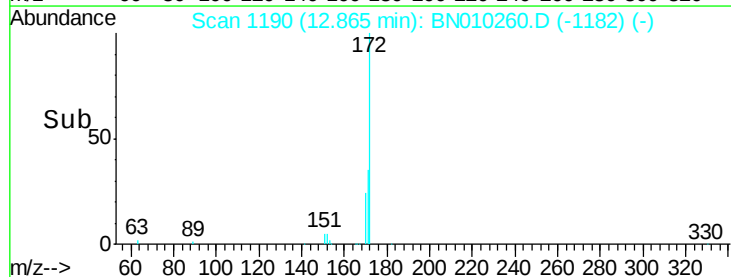
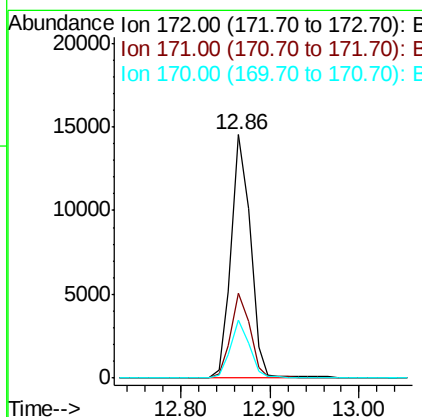
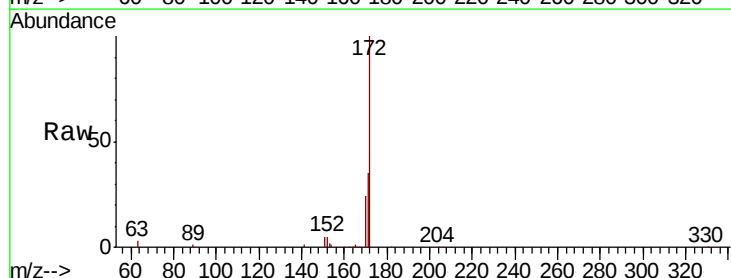
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20200309

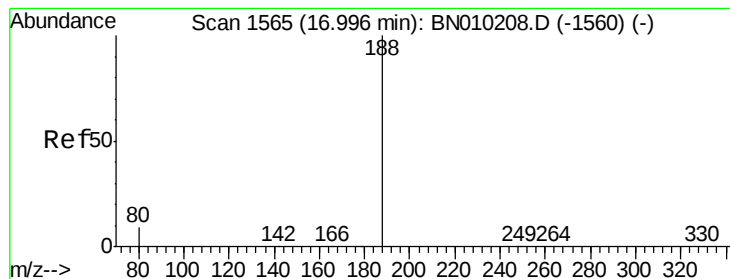
Tot Ion:330 Resp: 1060
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.9 25.1 37.7#



#15
 2-Fluorobiphenyl
 Concen: 0.754 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BN010260.D
 Acq: 18 Mar 2020 11:14

Tgt Ion:172 Resp: 21585
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.2
 170 23.8 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200309

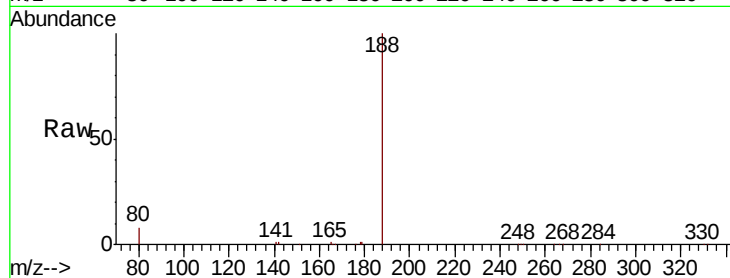
Tot Ion:188 Resp: 19742

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

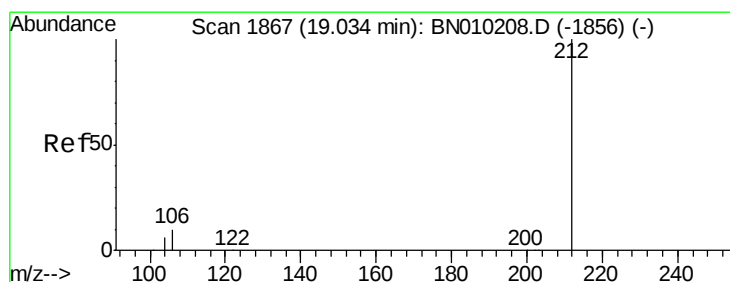
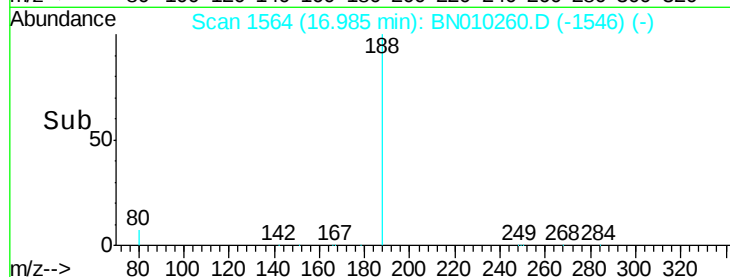
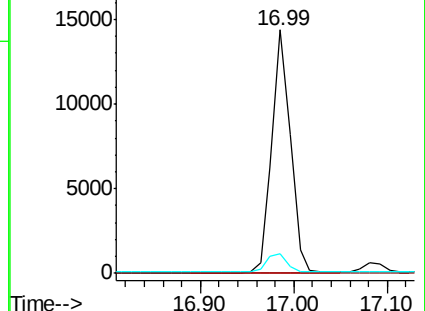
80 7.9 8.6 12.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

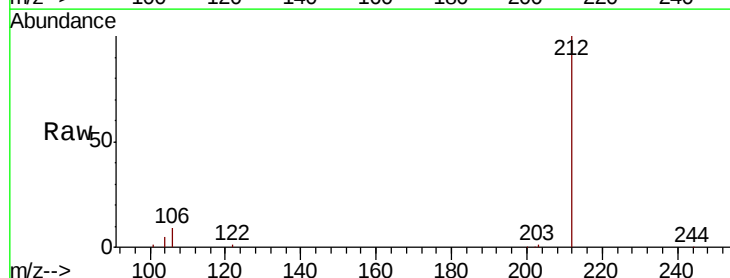
Tgt Ion:212 Resp: 21290

Ion Ratio Lower Upper

212 100

106 9.6 8.1 12.1

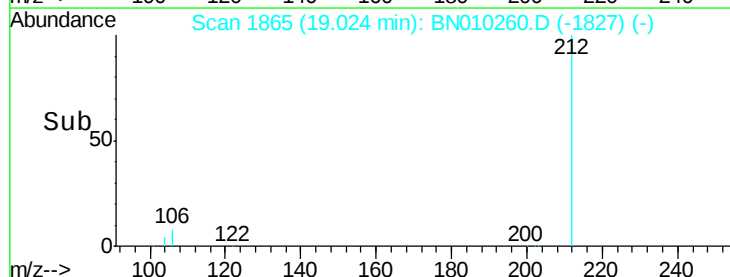
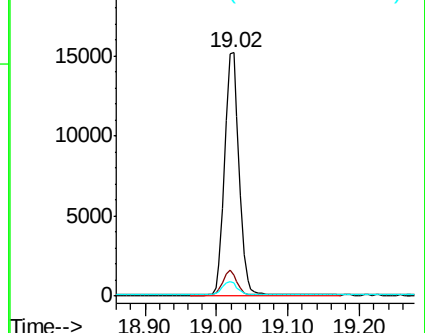
104 5.5 4.7 7.1

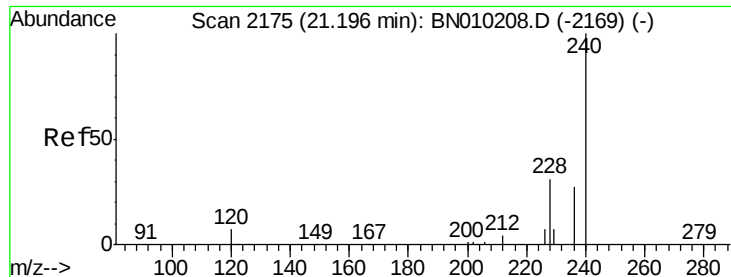


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

Instrument :

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RE131D2-20200309

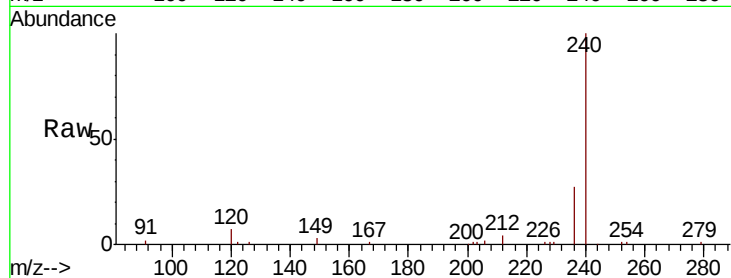
Tot Ion:240 Resp: 19662

Ion Ratio Lower Upper

240 100

120 7.0 7.7 11.5#

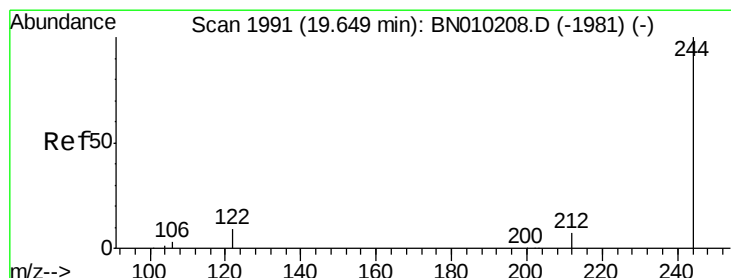
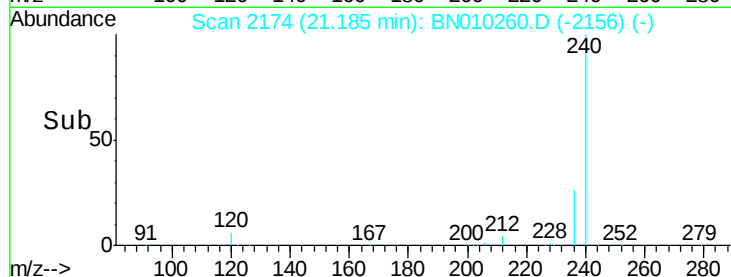
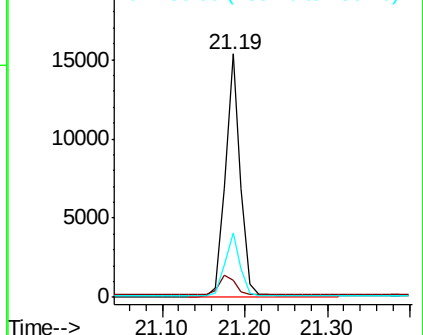
236 26.7 21.8 32.6



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: 0.611 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

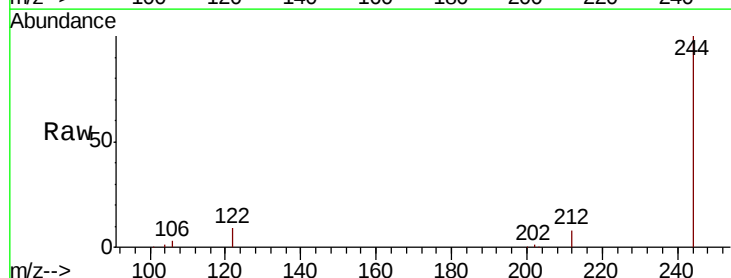
Tgt Ion:244 Resp: 27380

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

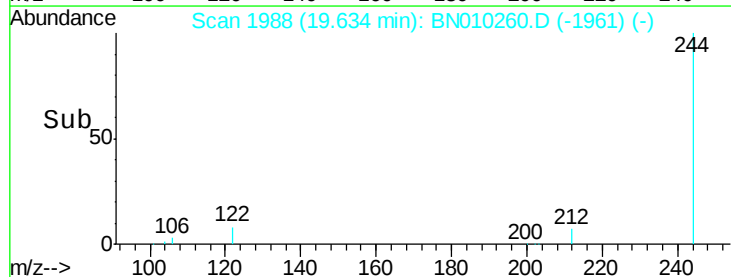
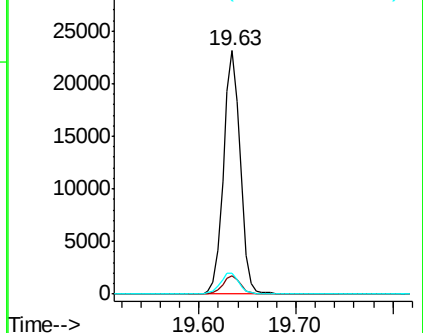
122 8.7 8.1 12.1

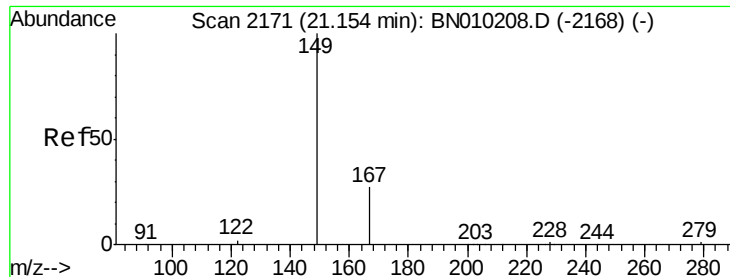


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.026 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200309

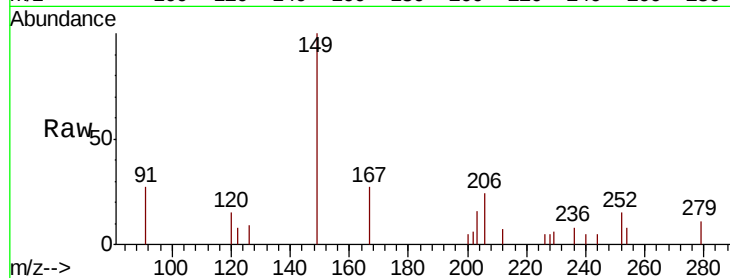
Tot Ion:149 Resp: 746

Ion Ratio Lower Upper

149 100

167 27.7 21.0 31.4

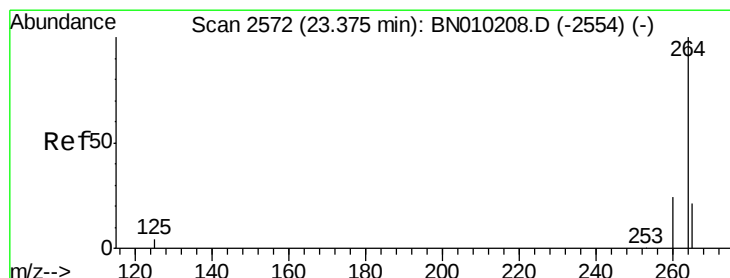
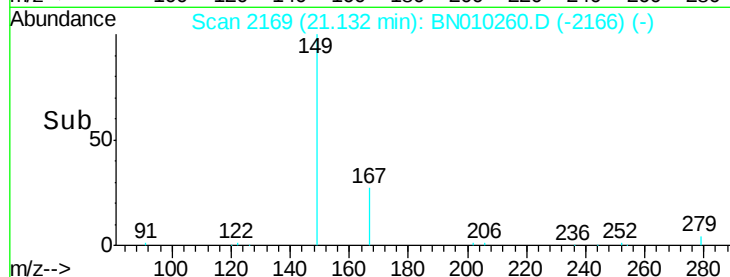
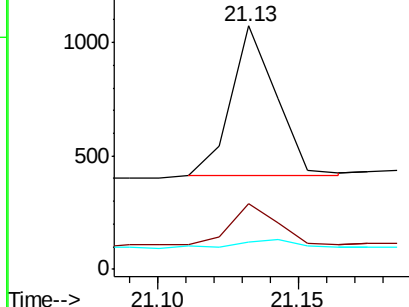
279 5.4 3.1 4.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2567

Delta R.T. -0.02 min

Lab File: BN010260.D

Acq: 18 Mar 2020 11:14

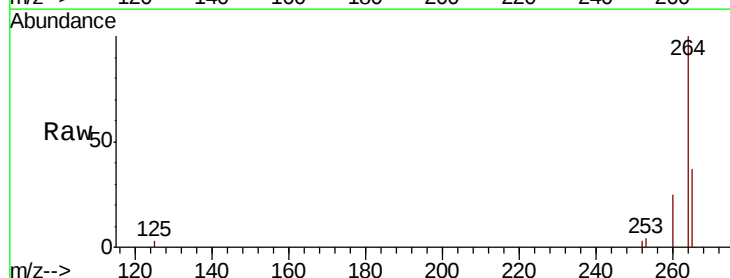
Tgt Ion:264 Resp: 22342

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 36.6 25.8 38.6



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

