

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010203.D
 Acq On : 11 Mar 2020 21:46
 Operator : CG/JU
 Sample : L1842-17DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20200305DL

Quant Time: Mar 12 07:16:22 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 Mar 11 17:37:44 2020
 Response via : Initial Calibration

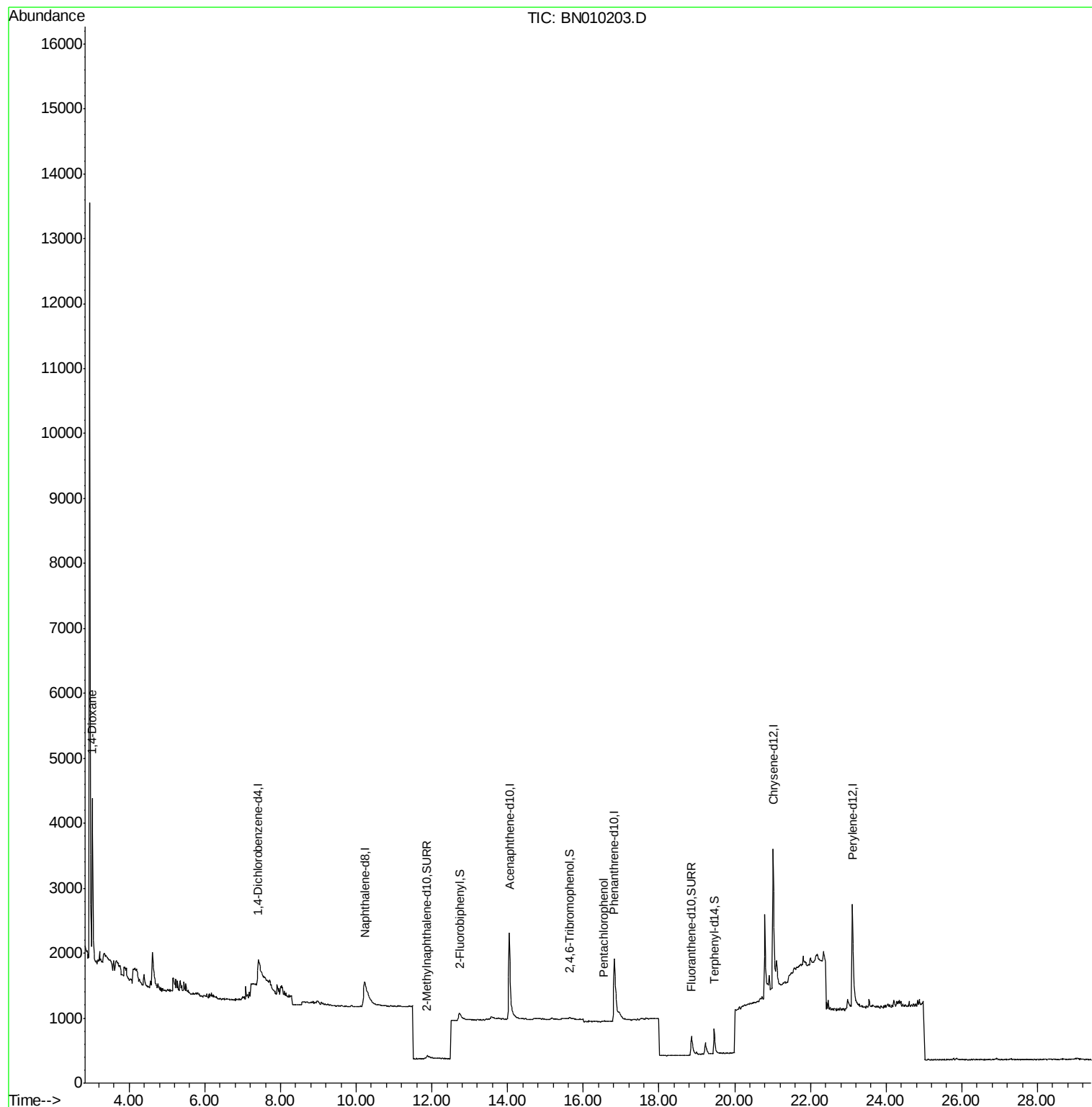
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	810	0.40	ng	0.05
7) Naphthalene-d8	10.23	136	1681	0.40	ng	0.11
13) Acenaphthene-d10	14.05	164	1692	0.40	ng	0.04
19) Phenanthrene-d10	16.82	188	2994	0.40	ng	0.04
27) Chrysene-d12	21.02	240	3949	0.40	ng	0.02
34) Perylene-d12	23.11	264	3186	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.14	112	34	0.02	ng	0.10
5) Phenol-d6	6.67	99	1	0.00	ng	0.06
8) Nitrobenzene-d5	8.63	82	6	0.00	ng	0.08
11) 2-Methylnaphthalene-d10	11.87	152	214	0.07	ng	0.14
14) 2,4,6-Tribromophenol	15.63	330	36	0.06	ng	0.09
15) 2-Fluorobiphenyl	12.73	172	266	0.04	ng	0.10
25) Fluoranthene-d10	18.86	212	838	0.08	ng	0.04
29) Terphenyl-d14	19.46	244	747	0.08	ng	0.03
Target Compounds						
2) 1,4-Dioxane	3.03	88	959	1.156	ng	98
22) Pentachlorophenol	16.53	266	4	0.185	ng	# 75

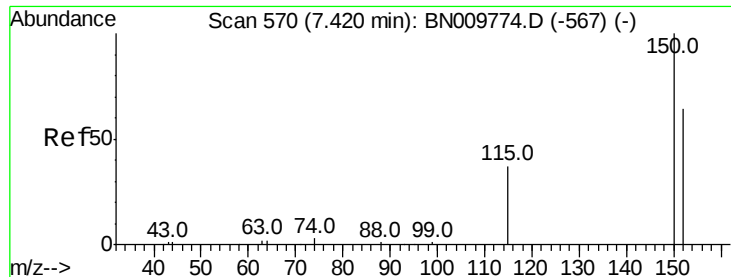
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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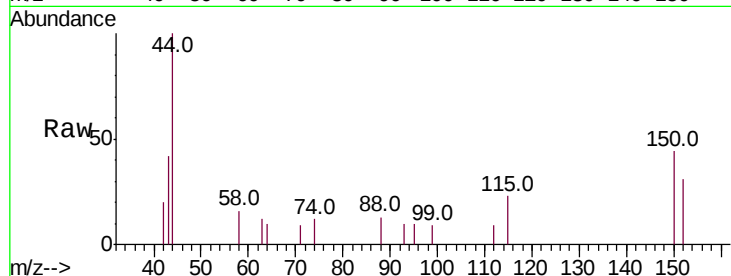


#1

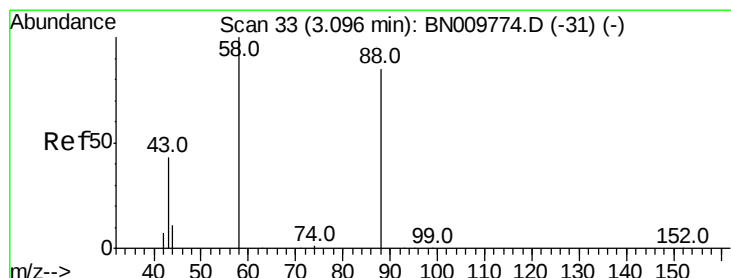
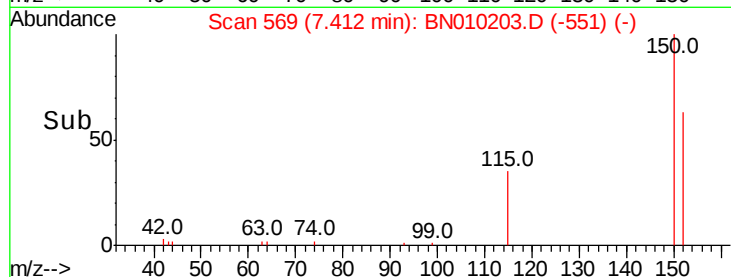
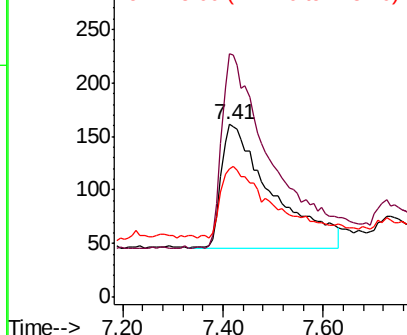
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.05 min
Lab File: BN010203.D
Acq: 11 Mar 2020 21:46

Instrument :
BNA_N
ClientSampleId :
RE132D4-20200305DL

Tot Ion:152 Resp: 810
Ion Ratio Lower Upper
152 100
150 141.0 120.6 181.0
115 74.5 51.2 76.8



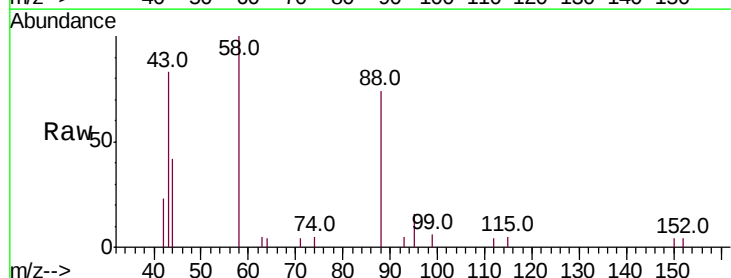
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



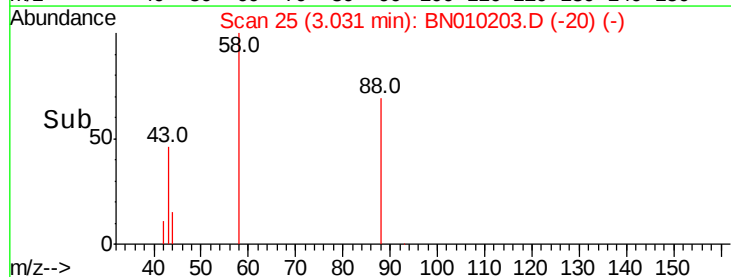
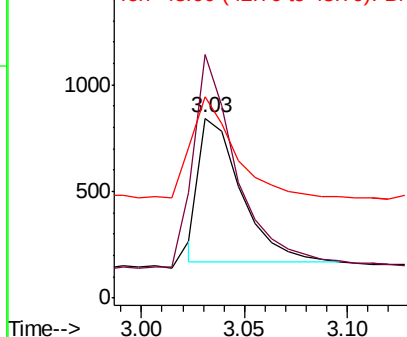
#2

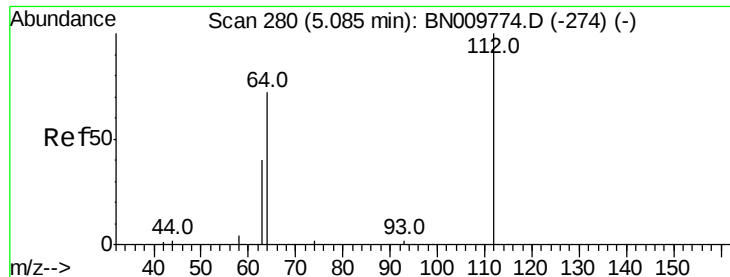
1,4-Dioxane
Concen: 1.156 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN010203.D
Acq: 11 Mar 2020 21:46

Tgt Ion: 88 Resp: 959
Ion Ratio Lower Upper
88 100
58 122.8 97.8 146.8
43 59.3 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: 0.019 ng

RT: 5.14 min Scan# 287

Delta R.T. 0.10 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200305DL

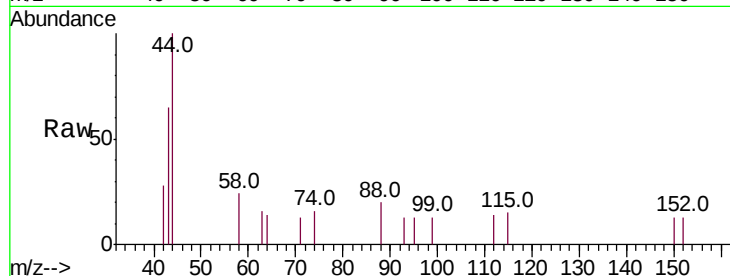
Tot Ion:112 Resp: 34

Ion Ratio Lower Upper

112 100

64 41.2 65.8 98.6#

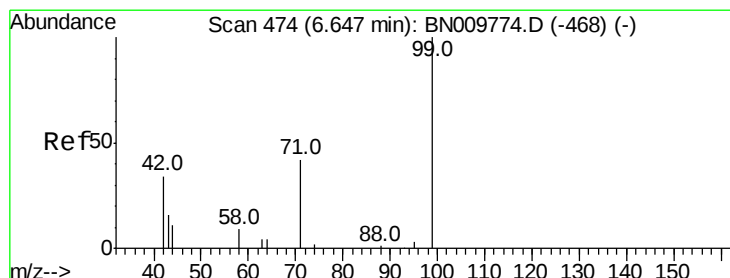
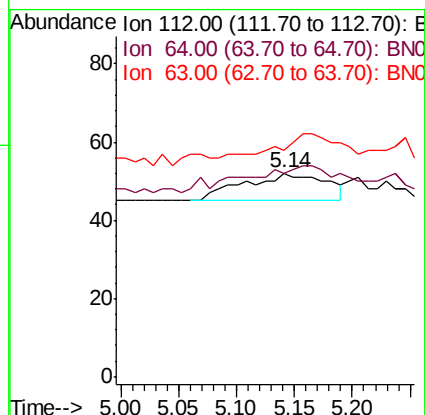
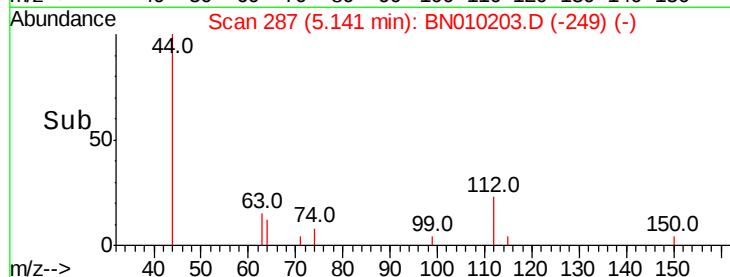
63 0.0 38.7 58.1#



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



#5

Phenol-d6

Concen: 0.000 ng

RT: 6.67 min Scan# 477

Delta R.T. 0.06 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

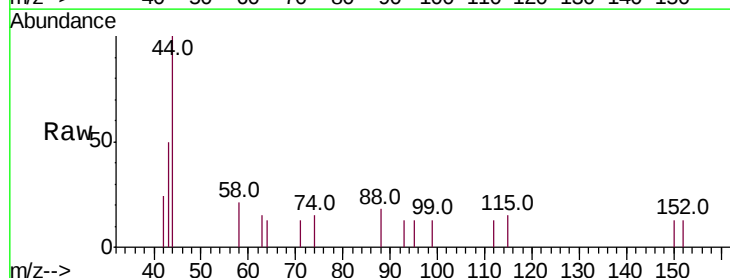
Tgt Ion: 99 Resp: 1

Ion Ratio Lower Upper

99 100

42 600.0 30.8 46.2#

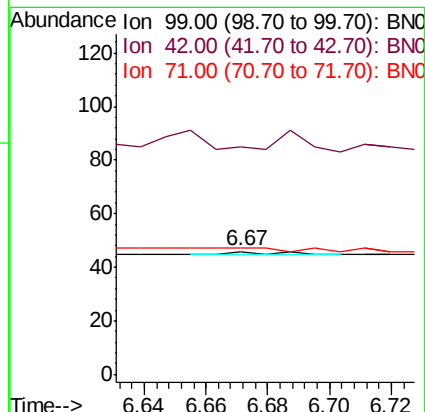
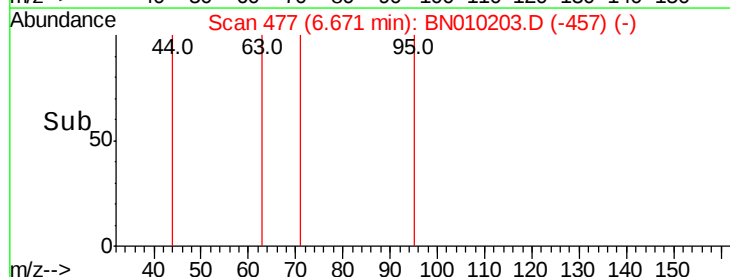
71 0.0 34.9 52.3#

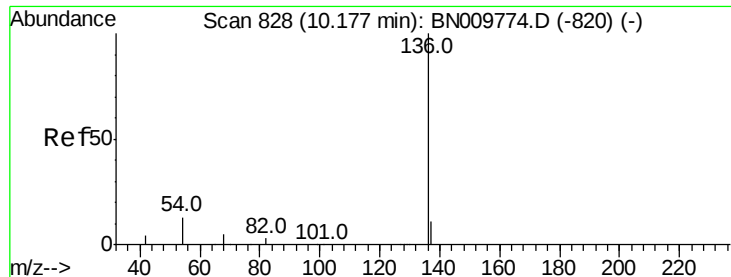


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. 0.11 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200305DL

Tot Ion:136 Resp: 1681

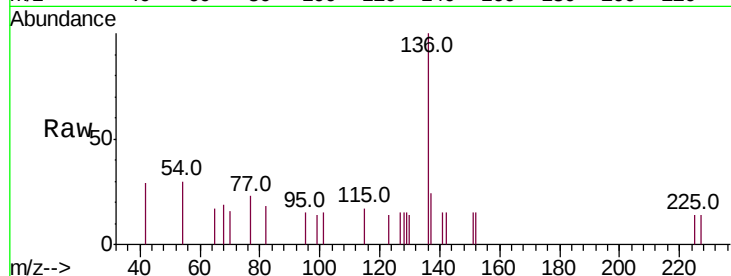
Ion Ratio Lower Upper

136 100

137 23.7 11.3 16.9#

54 30.1 13.4 20.2#

68 19.2 7.0 10.4#

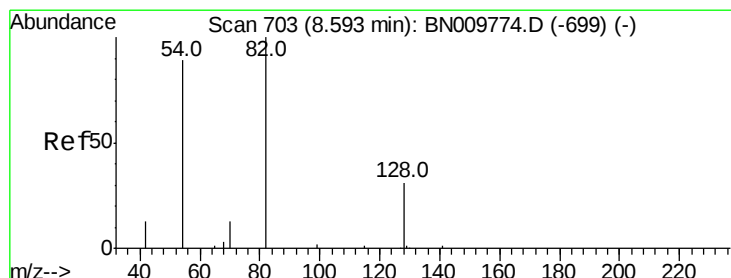
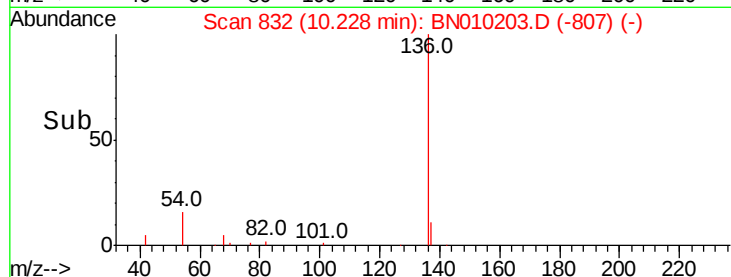
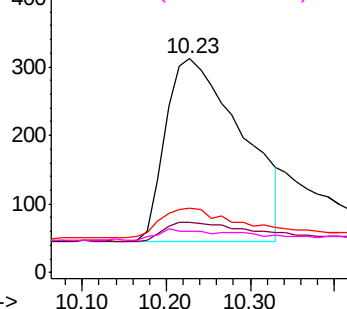


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.004 ng

RT: 8.63 min Scan# 706

Delta R.T. 0.08 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

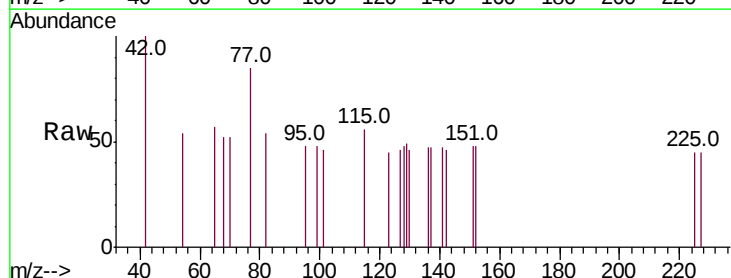
Tgt Ion: 82 Resp: 6

Ion Ratio Lower Upper

82 100

128 90.6 32.5 48.7#

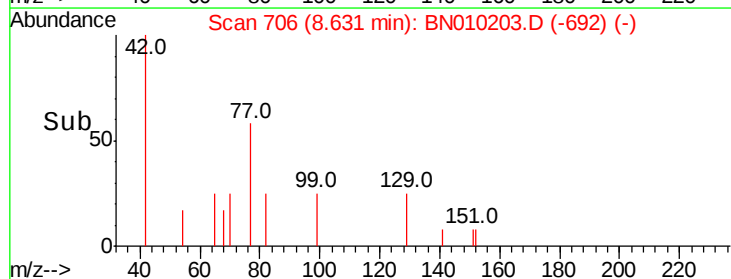
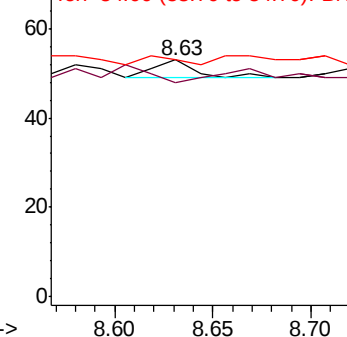
54 100.0 73.5 110.3

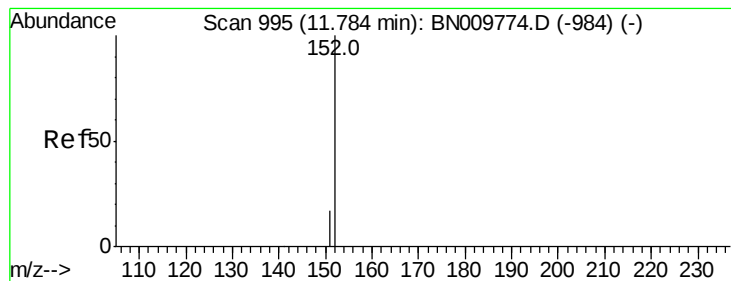


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.066 ng

RT: 11.87 min Scan# 1015

Delta R.T. 0.14 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

Instrument :

BNA_N

ClientSampleId :

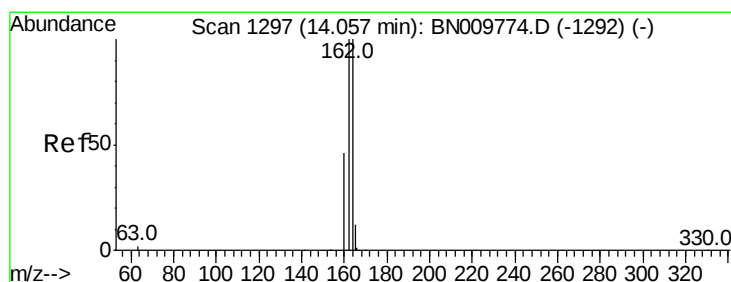
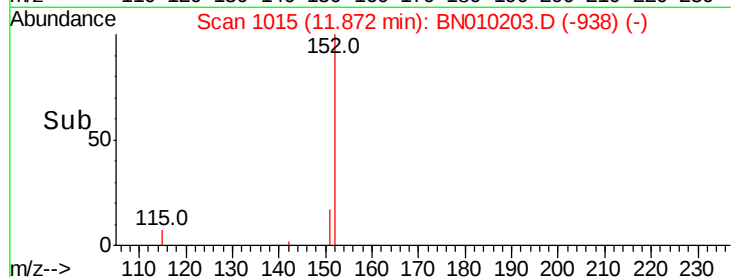
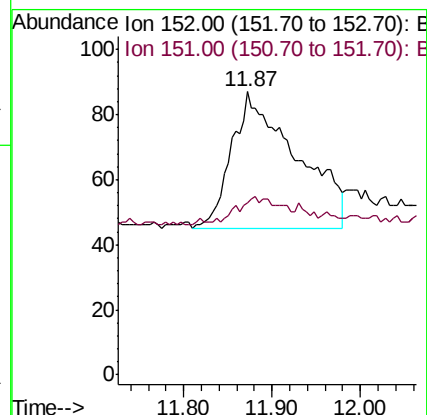
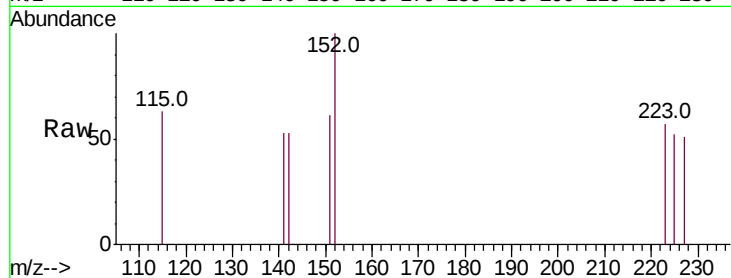
RE132D4-20200305DL

Tot Ion:152 Resp: 214

Ion Ratio Lower Upper

152 100

151 8.4 15.1 22.7#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. 0.04 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

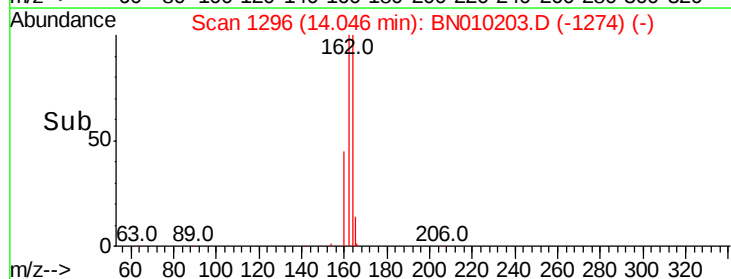
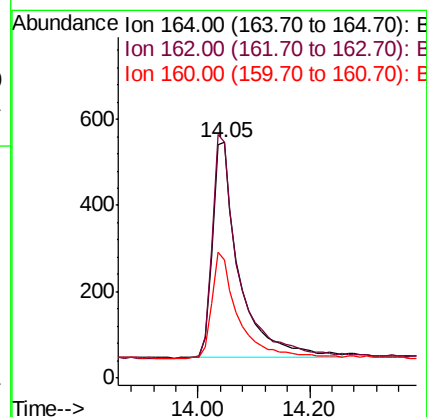
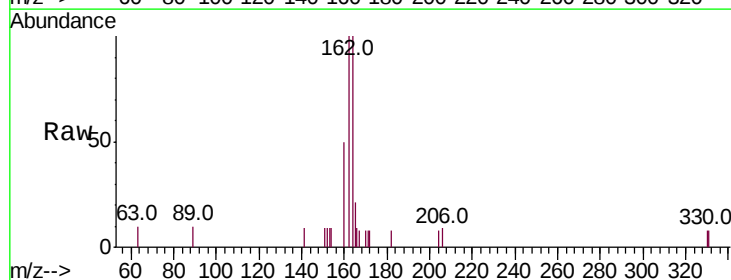
Tgt Ion:164 Resp: 1692

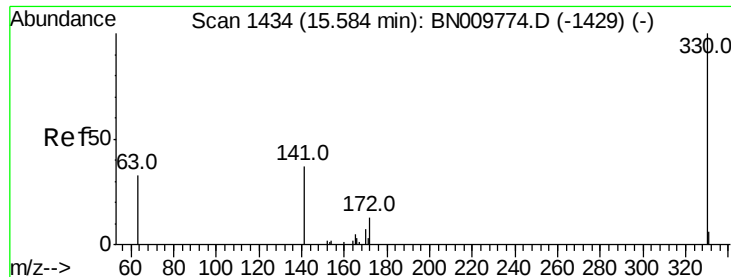
Ion Ratio Lower Upper

164 100

162 100.0 79.9 119.9

160 50.2 38.2 57.2

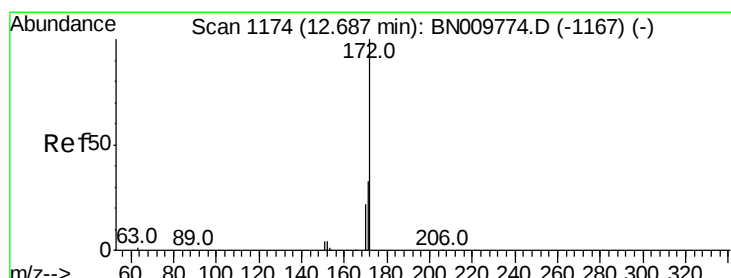
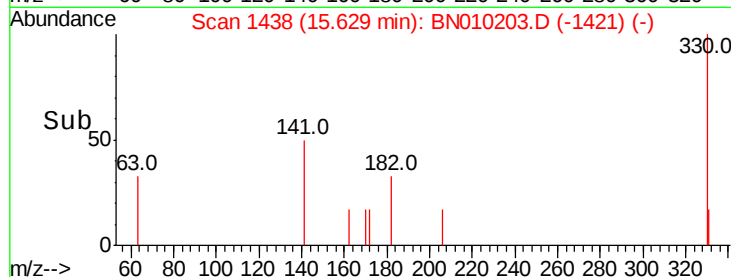
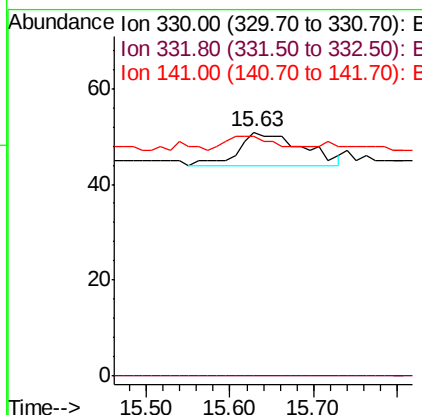
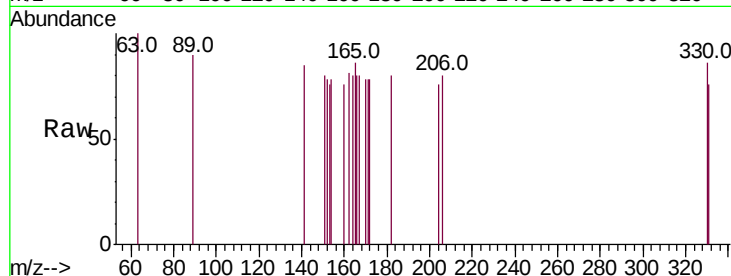




#14
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 15.63 min Scan# 1438
Delta R.T. 0.09 min
Lab File: BN010203.D
Acq: 11 Mar 2020 21:46

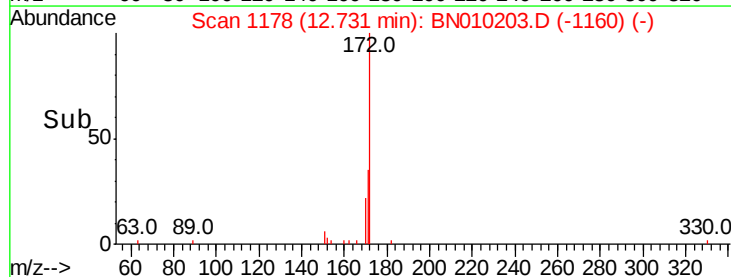
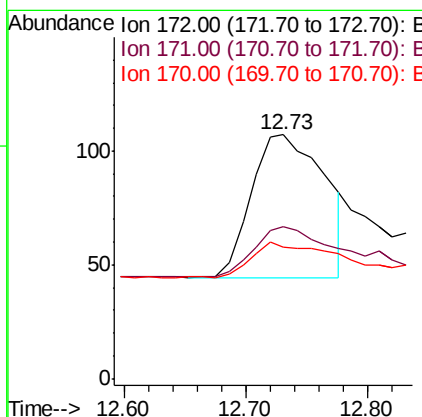
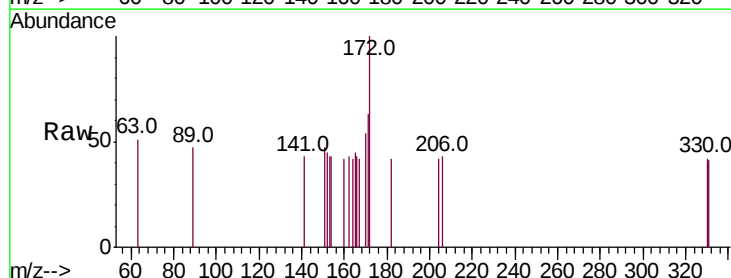
Instrument :
BNA_N
ClientSampleId :
RE132D4-20200305DL

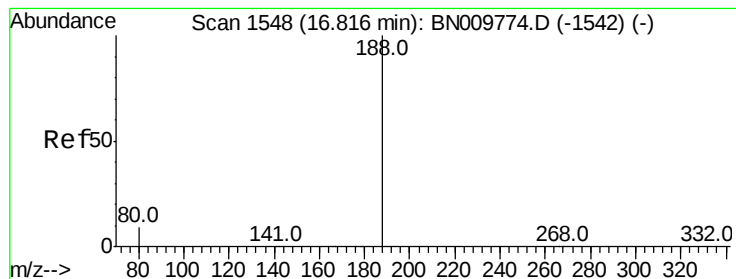
Tot Ion:330 Resp: 36
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 36.8 55.2#



#15
2-Fluorobiphenyl
Concen: 0.042 ng
RT: 12.73 min Scan# 1178
Delta R.T. 0.10 min
Lab File: BN010203.D
Acq: 11 Mar 2020 21:46

Tgt Ion:172 Resp: 266
Ion Ratio Lower Upper
172 100
171 62.6 28.7 43.1#
170 54.2 20.1 30.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1548

Delta R.T. 0.04 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200305DL

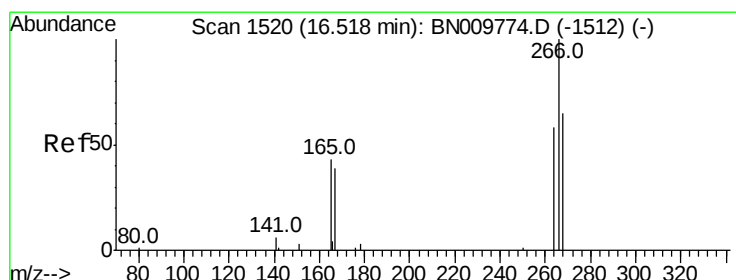
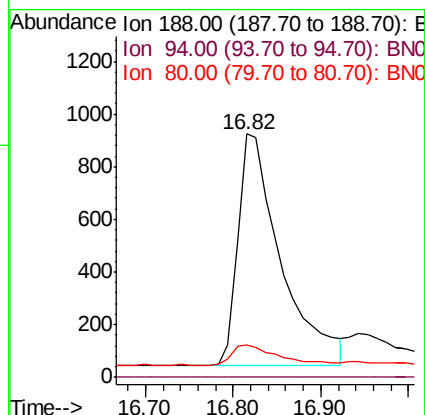
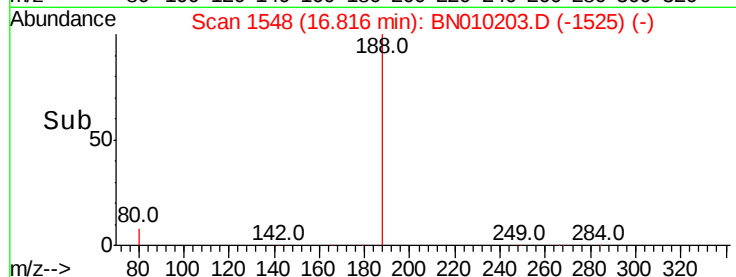
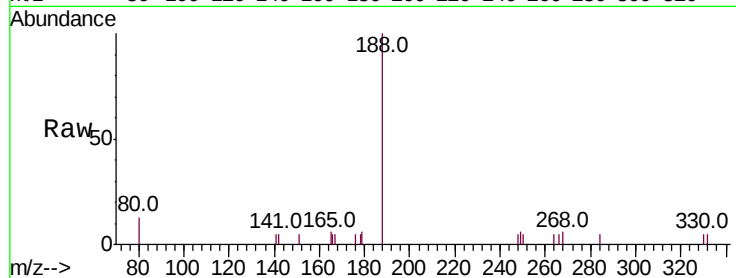
Tot Ion:188 Resp: 2994

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 8.3 12.5#



#22

Pentachlorophenol

Concen: 0.185 ng

RT: 16.53 min Scan# 1521

Delta R.T. 0.06 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

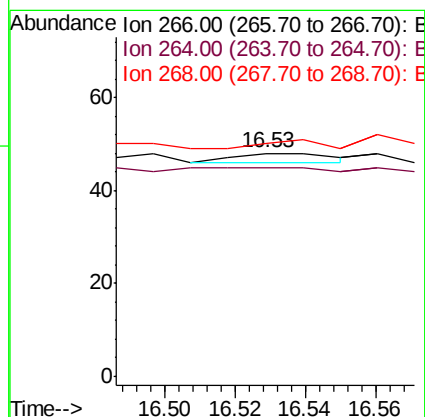
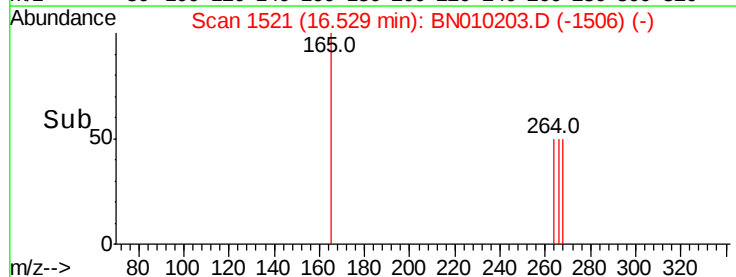
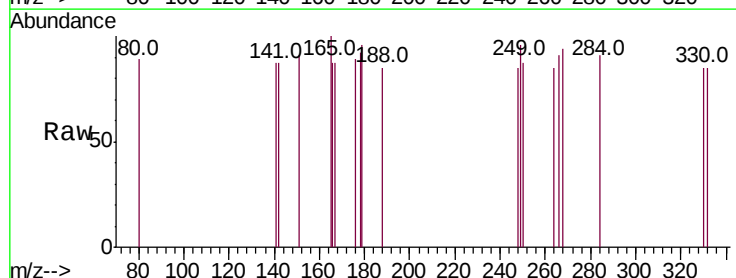
Tgt Ion:266 Resp: 4

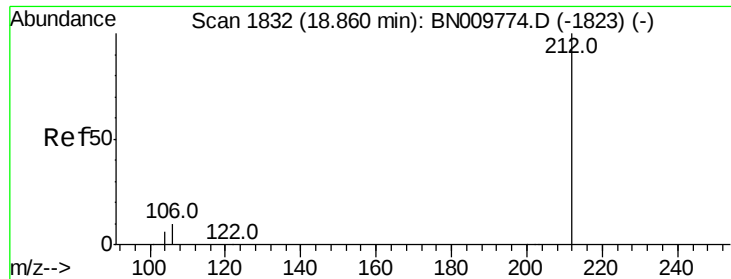
Ion Ratio Lower Upper

266 100

264 93.8 58.1 87.1#

268 104.2 65.7 98.5#





#25

Fluoranthene-d10

Concen: 0.081 ng

RT: 18.86 min Scan# 1832

Delta R.T. 0.04 min

Lab File: BN010203.D

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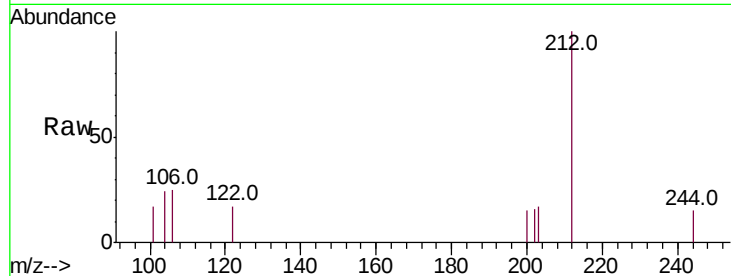
Tot Ion:212 Resp: 838

Ion Ratio Lower Upper

212 100

106 9.3 8.4 12.6

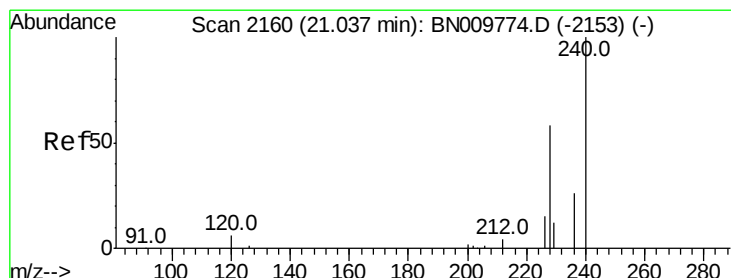
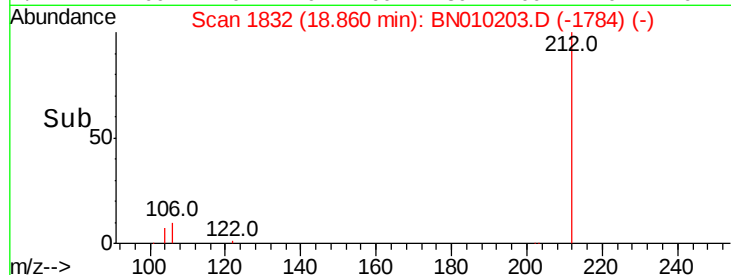
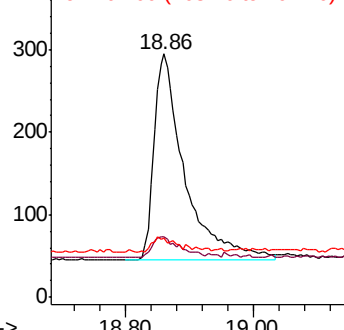
104 4.8 4.8 7.2#



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: 21.02 min Scan# 2158

Delta R.T. 0.02 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

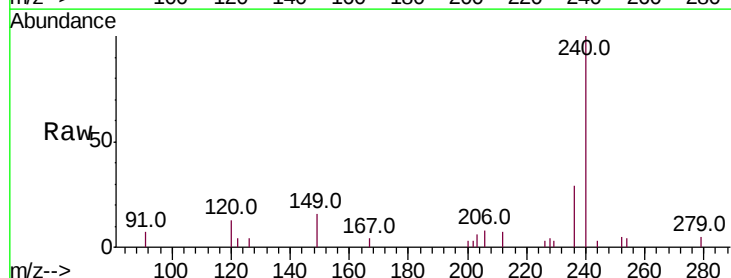
Tgt Ion:240 Resp: 3949

Ion Ratio Lower Upper

240 100

120 13.3 7.9 11.9#

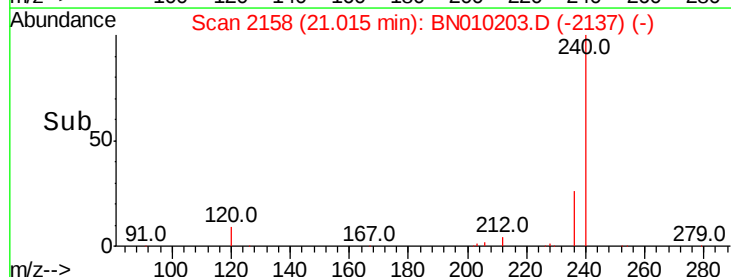
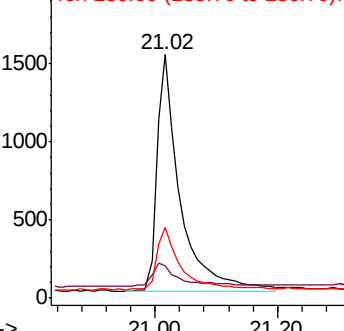
236 28.9 22.0 33.0

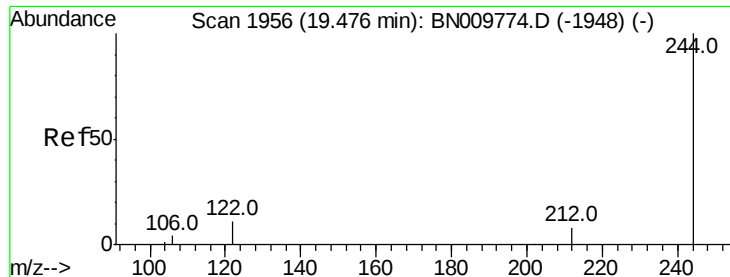


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.079 ng

RT: 19.46 min Scan# 1952

Delta R.T. 0.03 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

Instrument :

BNA_N

ClientSampleId :

RE132D4-20200305DL

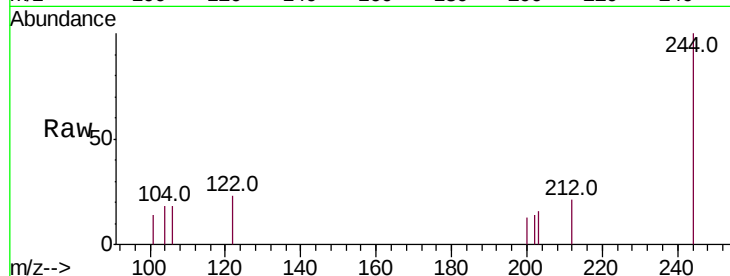
Tot Ion:244 Resp: 747

Ion Ratio Lower Upper

244 100

212 20.6 8.0 12.0#

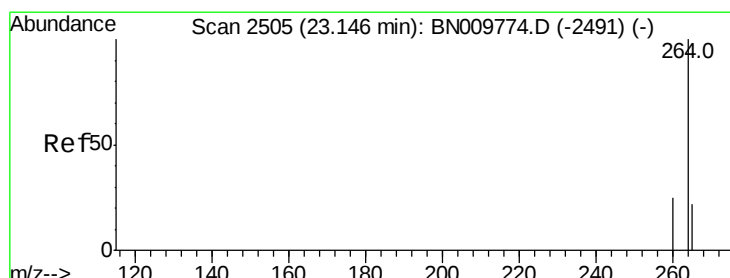
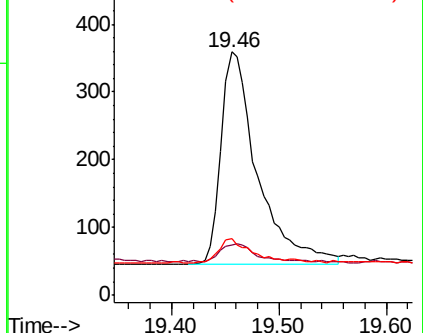
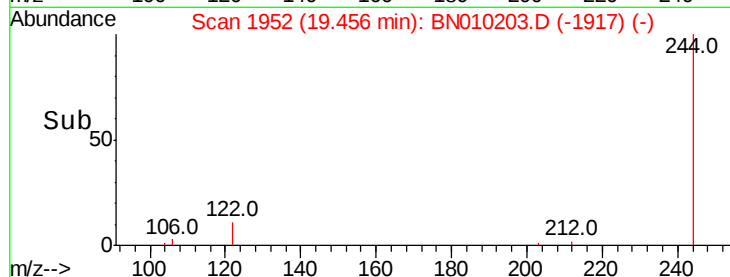
122 23.1 10.0 15.0#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BN010203.D

Acq: 11 Mar 2020 21:46

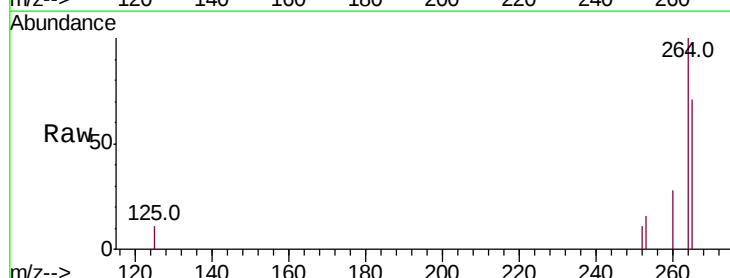
Tgt Ion:264 Resp: 3186

Ion Ratio Lower Upper

264 100

260 27.6 21.1 31.7

265 70.7 57.5 86.3



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

