

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010198.D
 Acq On : 11 Mar 2020 18:47
 Operator : CG/JU
 Sample : L1842-18DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20200305DL

Quant Time: Mar 12 07:15:43 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

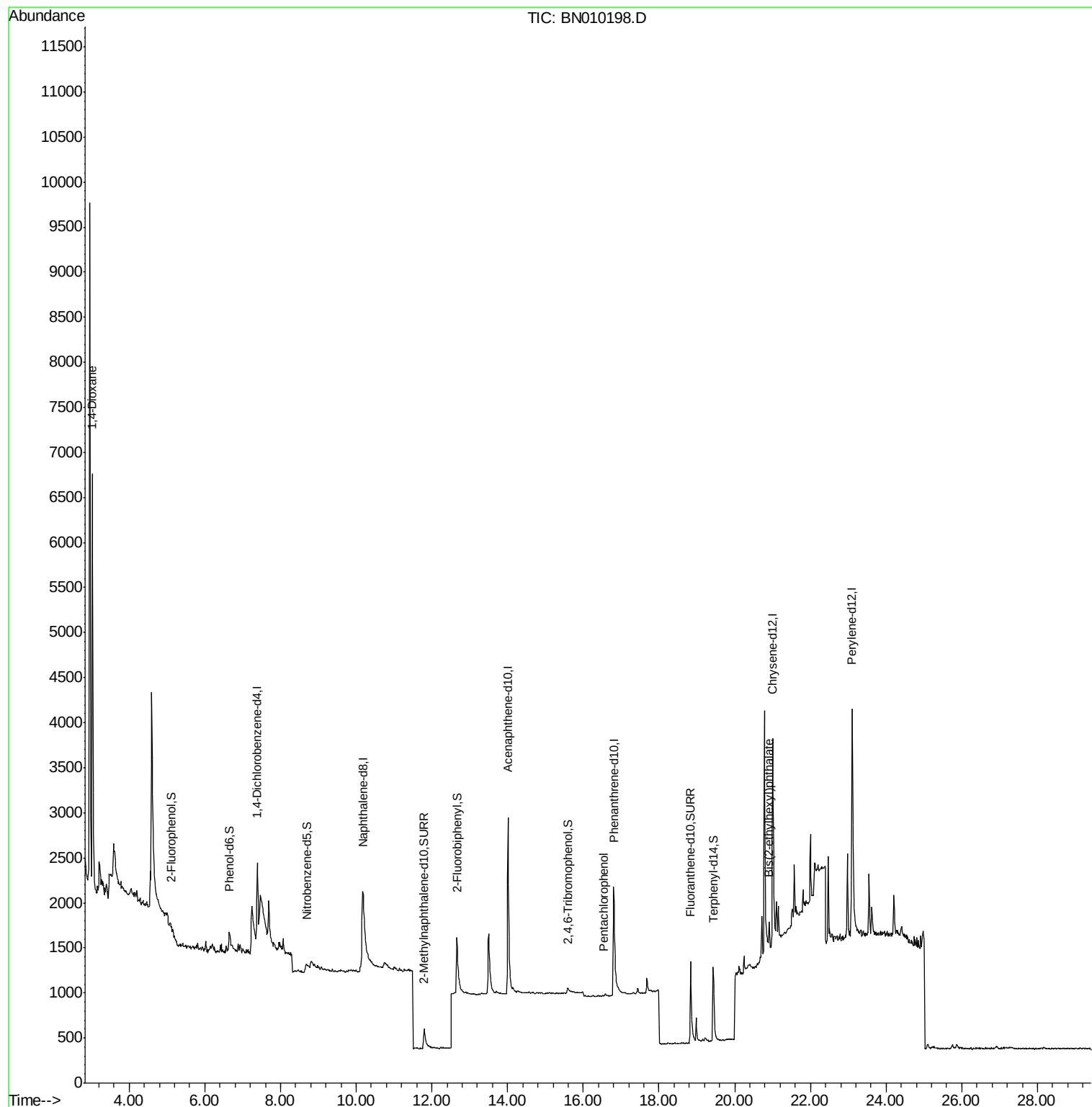
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	770	0.40	ng	0.02
7) Naphthalene-d8	10.18	136	3147	0.40	ng	0.06
13) Acenaphthene-d10	14.01	164	1640	0.40	ng	0.01
19) Phenanthrene-d10	16.80	188	3445	0.40	ng	0.03
27) Chrysene-d12	21.00	240	3748	0.40	ng	0.01
34) Perylene-d12	23.10	264	4822	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	71	0.04	ng	0.07
5) Phenol-d6	6.63	99	107	0.05	ng	0.02
8) Nitrobenzene-d5	8.69	82	211	0.08	ng	0.14
11) 2-Methylnaphthalene-d10	11.80	152	694	0.11	ng	0.07
14) 2,4,6-Tribromophenol	15.60	330	82	0.13	ng	0.06
15) 2-Fluorobiphenyl	12.66	172	1144	0.18	ng	0.03
25) Fluoranthene-d10	18.84	212	1804	0.15	ng	0.02
29) Terphenyl-d14	19.43	244	1684	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.03	88	2172	2.754	ng	97
22) Pentachlorophenol	16.53	266	4	0.184	ng	# 76
32) Bis(2-ethylhexyl)phthalate	20.91	149	321	0.053	ng	# 97

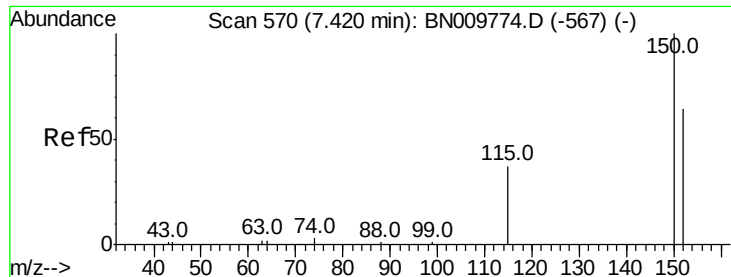
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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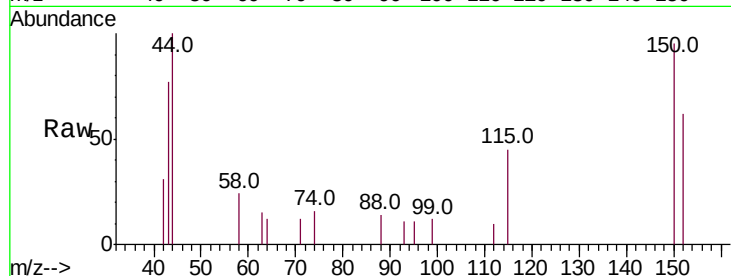


#1

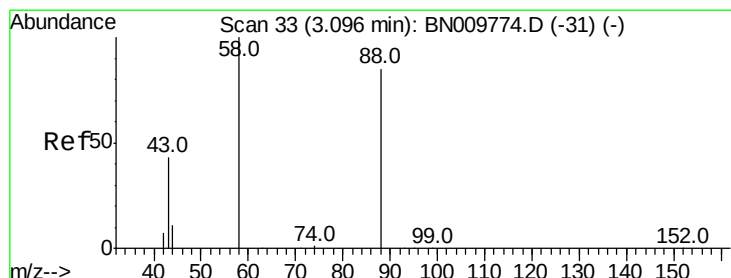
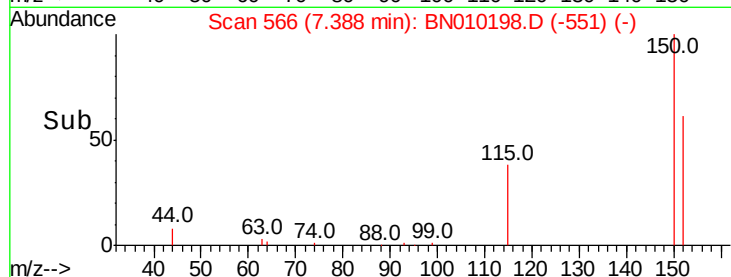
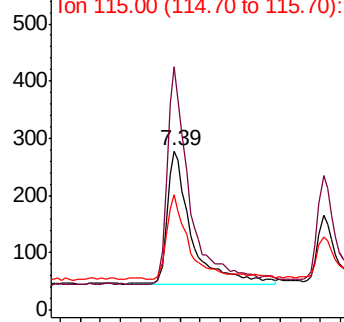
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. 0.02 min
Lab File: BN010198.D
Acq: 11 Mar 2020 18:47

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200305DL

Tot Ion:152 Resp: 770
Ion Ratio Lower Upper
152 100
150 152.9 120.6 181.0
115 72.3 51.2 76.8



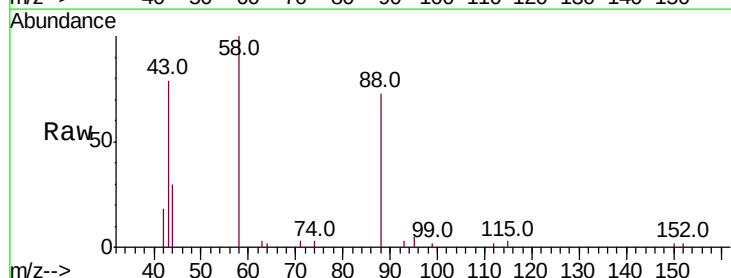
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



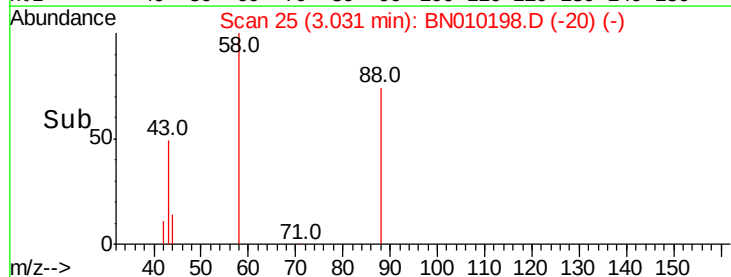
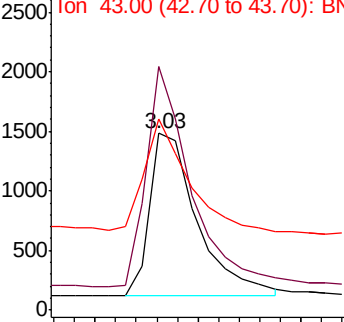
#2

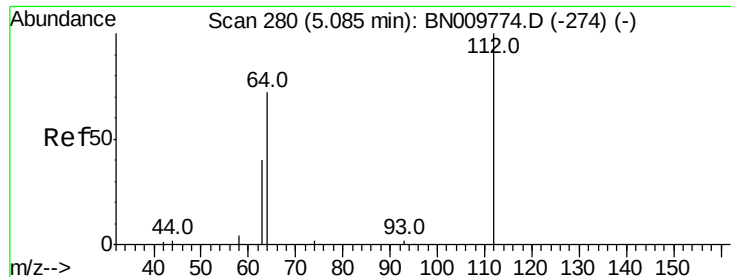
1,4-Dioxane
Concen: 2.754 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN010198.D
Acq: 11 Mar 2020 18:47

Tgt Ion: 88 Resp: 2172
Ion Ratio Lower Upper
88 100
58 123.9 97.8 146.8
43 61.9 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: 0.041 ng

RT: 5.11 min Scan# 283

Delta R.T. 0.07 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200305DL

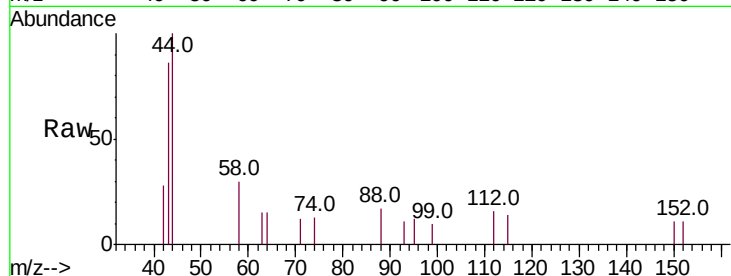
Tot Ion:112 Resp: 71

Ion Ratio Lower Upper

112 100

64 0.0 65.8 98.6#

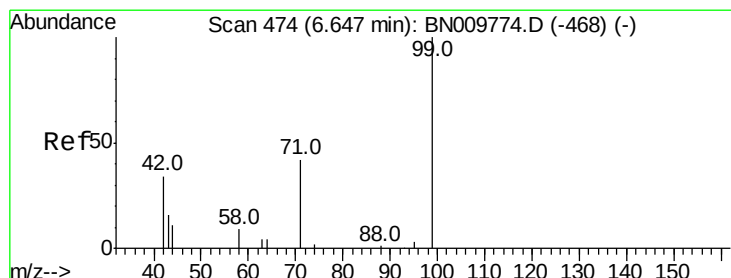
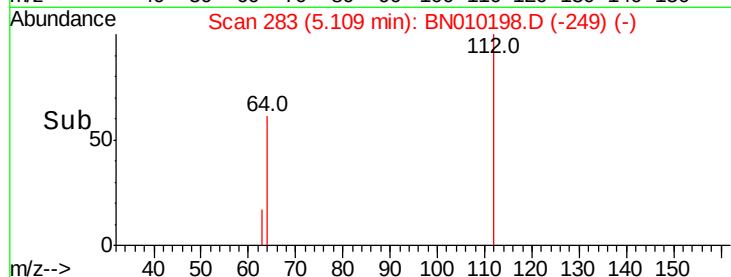
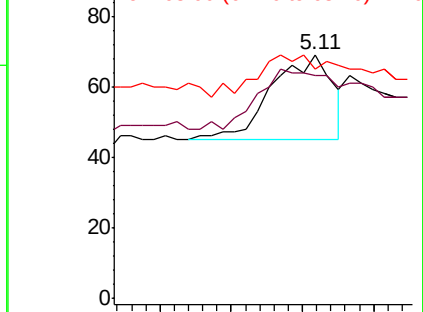
63 0.0 38.7 58.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.051 ng

RT: 6.63 min Scan# 472

Delta R.T. 0.02 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

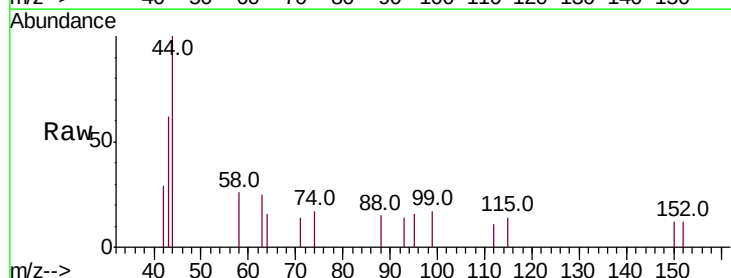
Tgt Ion: 99 Resp: 107

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

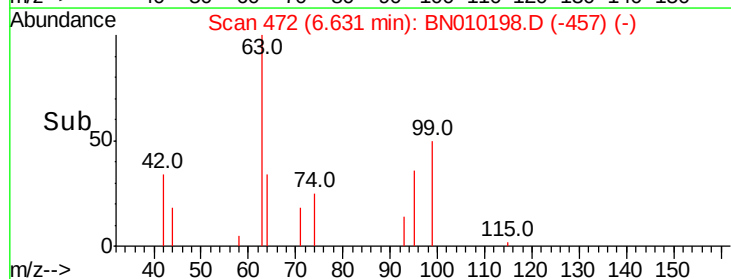
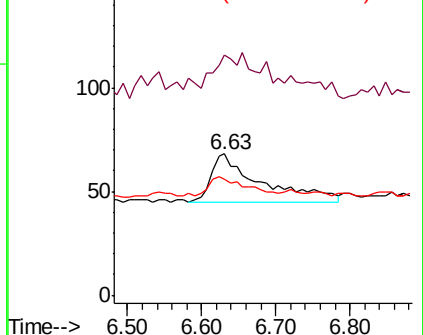
71 28.0 34.9 52.3#

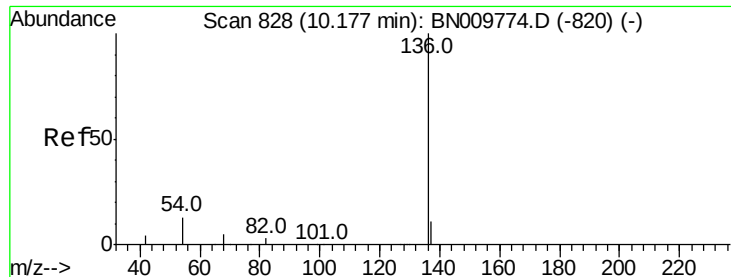


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. 0.06 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200305DL

Tot Ion:136 Resp: 3147

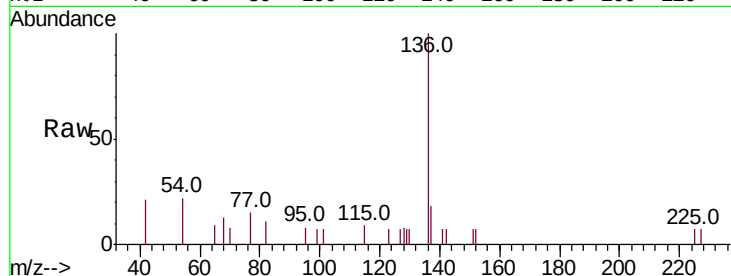
Ion Ratio Lower Upper

136 100

137 18.0 11.3 16.9#

54 22.3 13.4 20.2#

68 13.2 7.0 10.4#

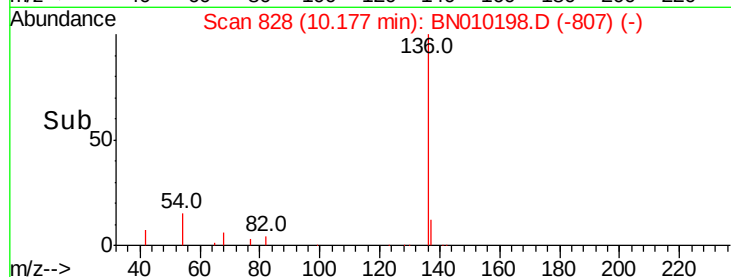


Abundance Ion 136.00 (135.70 to 136.70): E

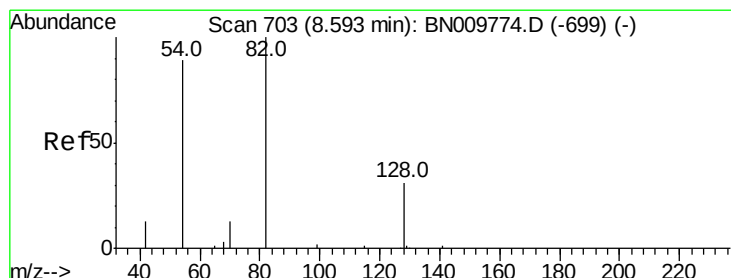
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 10.00 10.10 10.20 10.30



#8

Nitrobenzene-d5

Concen: 0.081 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.14 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

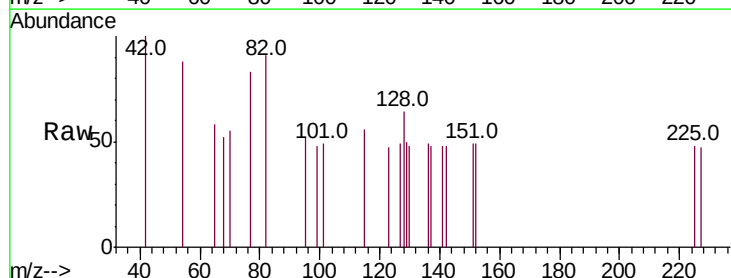
Tgt Ion: 82 Resp: 211

Ion Ratio Lower Upper

82 100

128 70.1 32.5 48.7#

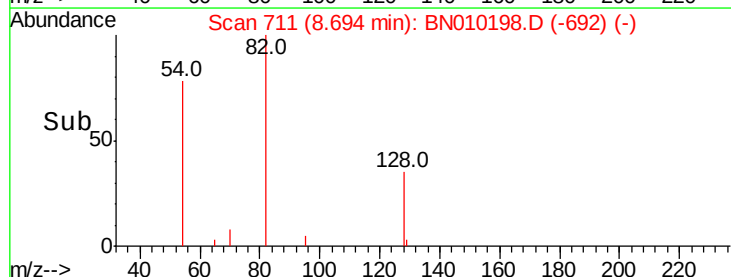
54 96.6 73.5 110.3



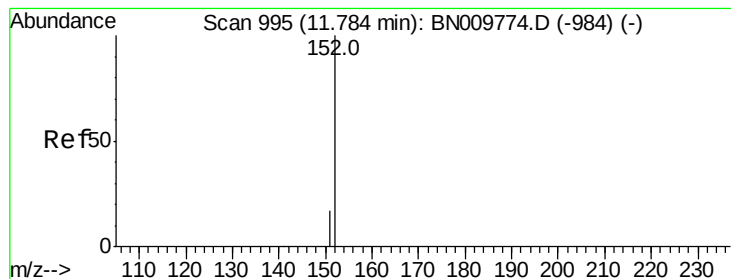
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time--> 8.60 8.70 8.80



#11

2-Methylnaphthalene-d10

Concen: 0.114 ng

RT: 11.80 min Scan# 998

Delta R.T. 0.07 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Instrument :

BNA_N

ClientSampleId :

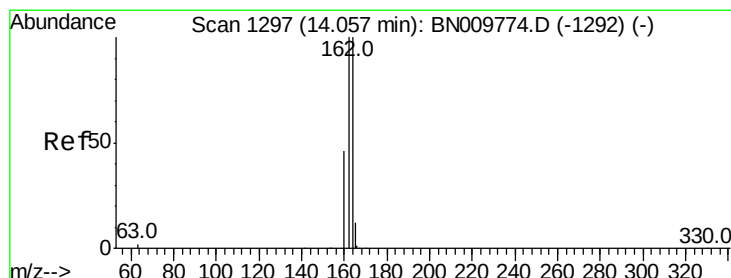
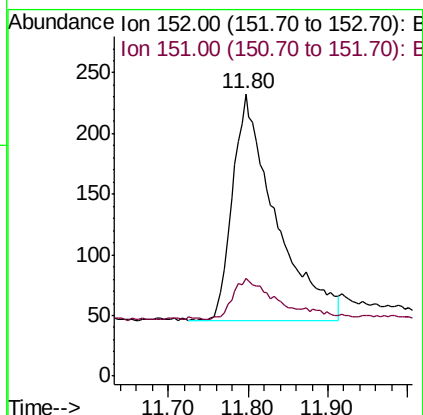
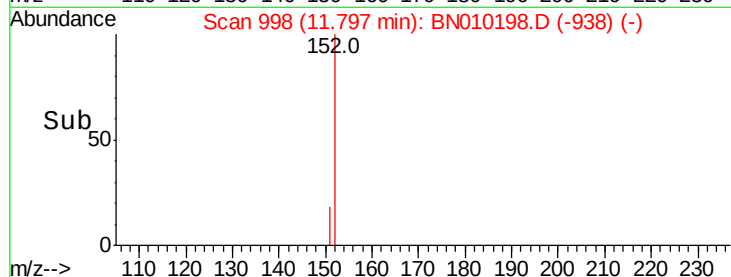
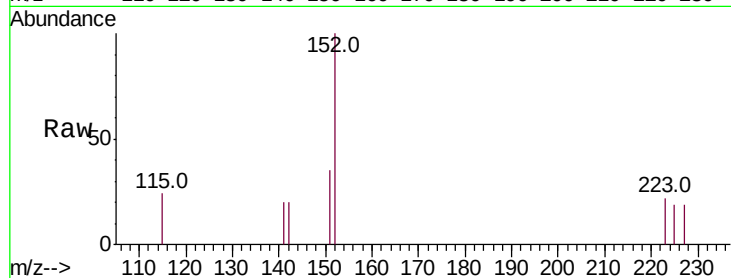
RE132D3-20200305DL

Tot Ion:152 Resp: 694

Ion Ratio Lower Upper

152 100

151 17.1 15.1 22.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

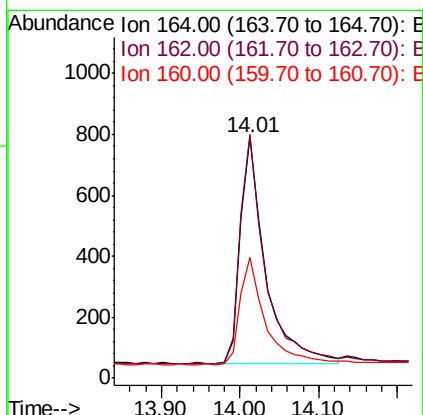
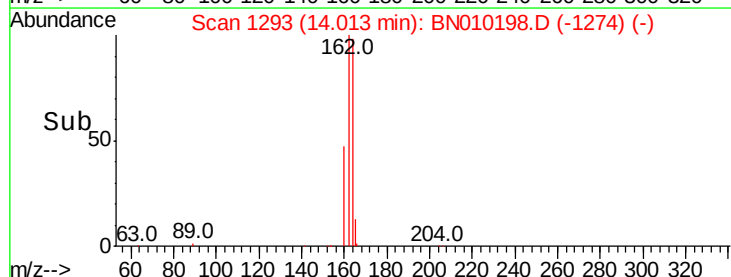
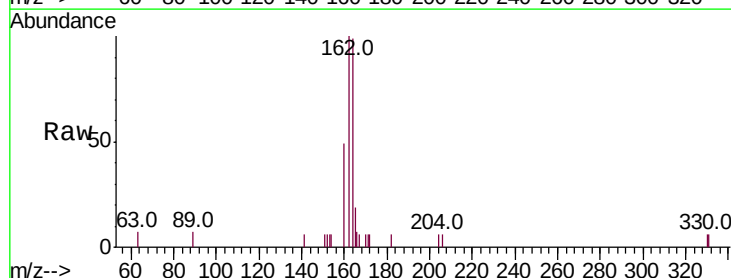
Tgt Ion:164 Resp: 1640

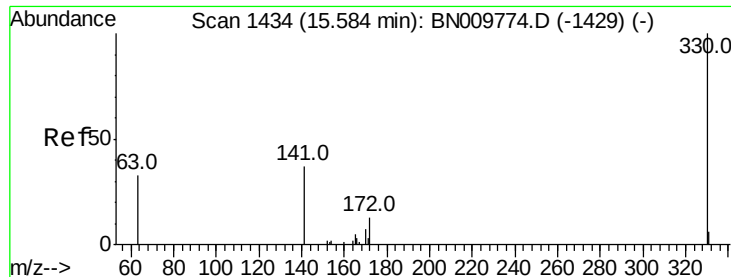
Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

160 50.0 38.2 57.2

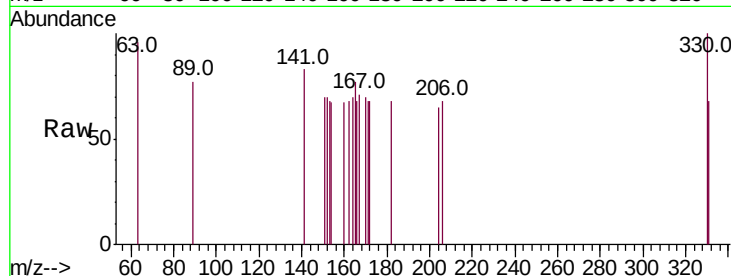




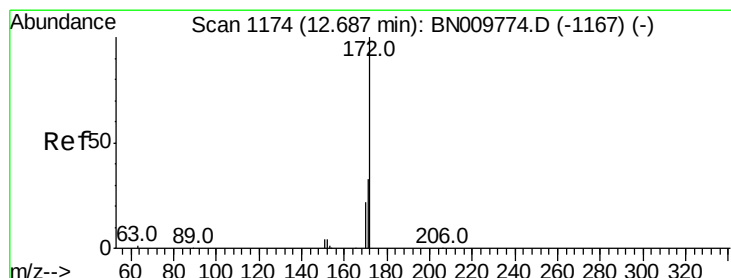
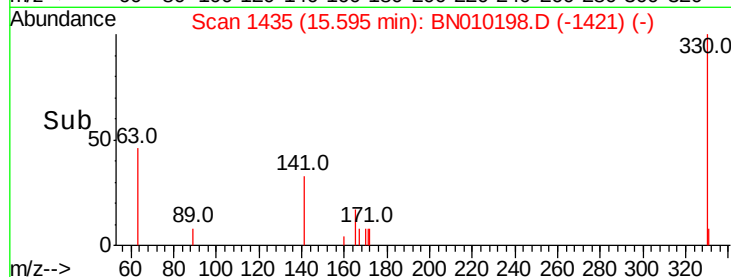
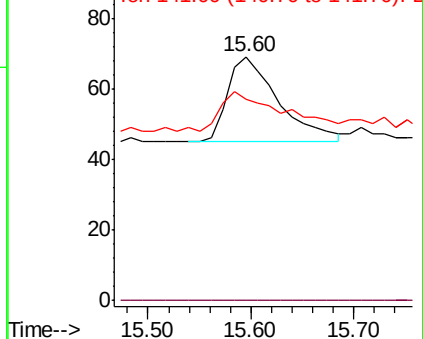
#14
 2,4,6-Tribromophenol
 Concen: 0.130 ng
 RT: 15.60 min Scan# 1435
 Delta R.T. 0.06 min
 Lab File: BN010198.D
 Acq: 11 Mar 2020 18:47

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20200305DL

Tot Ion:330 Resp: 82
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 57.3 36.8 55.2#

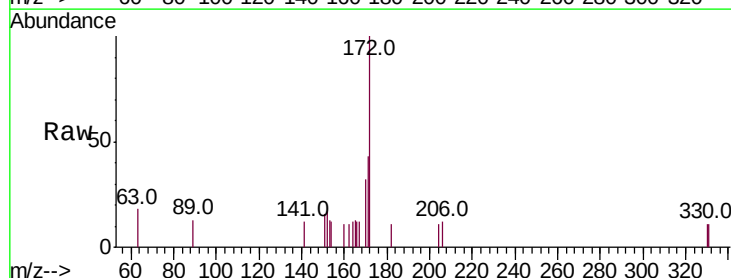


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

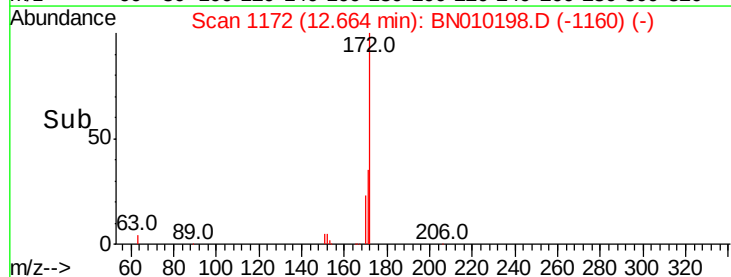
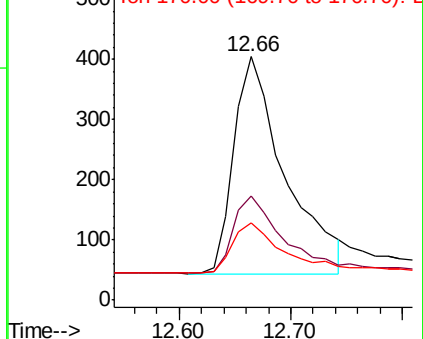


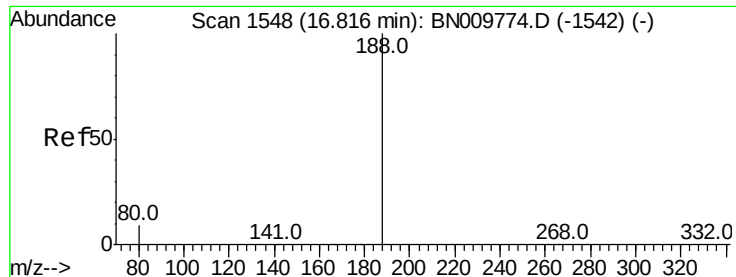
#15
 2-Fluorobiphenyl
 Concen: 0.185 ng
 RT: 12.66 min Scan# 1172
 Delta R.T. 0.03 min
 Lab File: BN010198.D
 Acq: 11 Mar 2020 18:47

Tgt Ion:172 Resp: 1144
 Ion Ratio Lower Upper
 172 100
 171 42.6 28.7 43.1
 170 31.9 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. 0.03 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200305DL

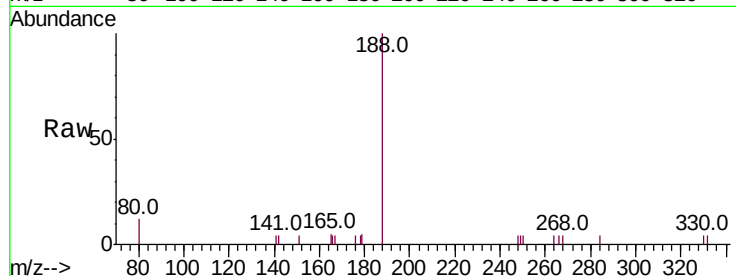
Tot Ion:188 Resp: 3445

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

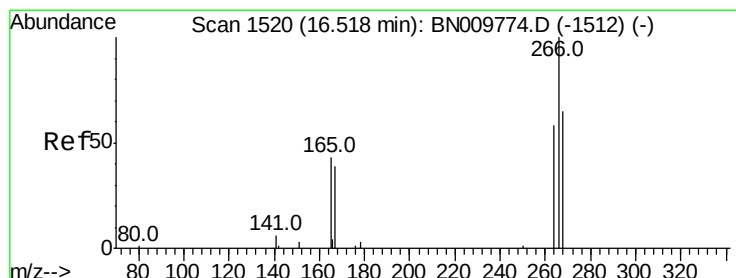
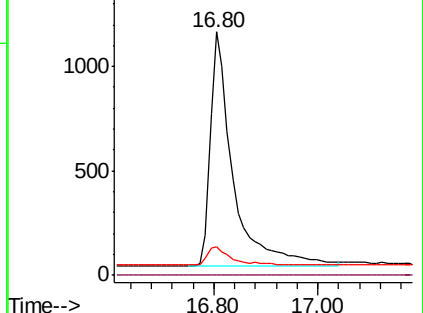
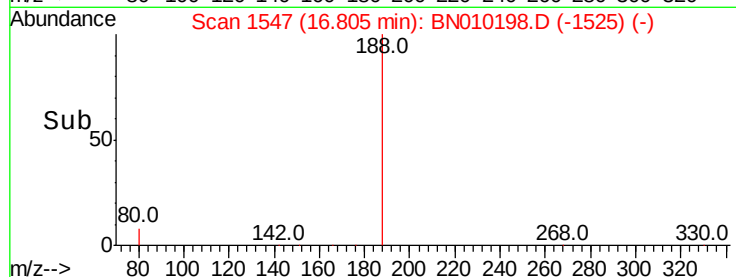
80 11.8 8.3 12.5



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



#22

Pentachlorophenol

Concen: 0.184 ng

RT: 16.53 min Scan# 1521

Delta R.T. 0.06 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

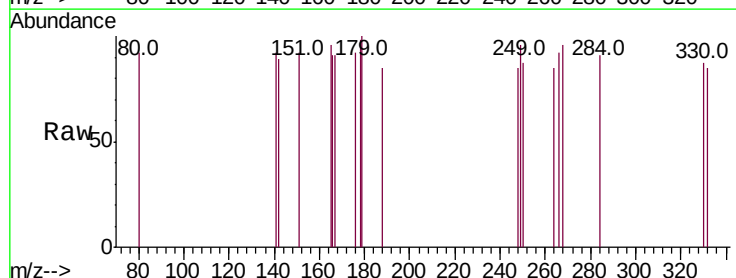
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 91.8 58.1 87.1#

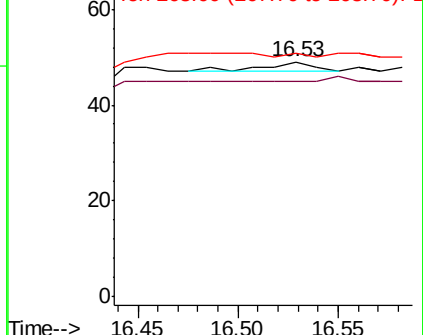
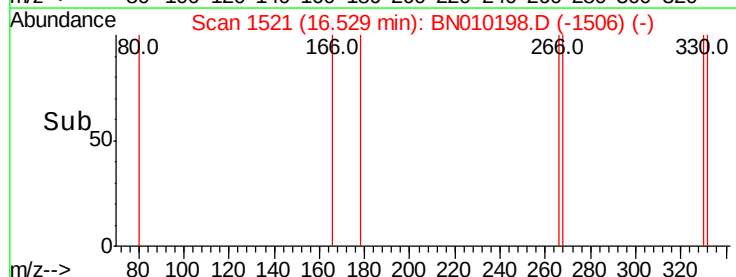
268 104.1 65.7 98.5#

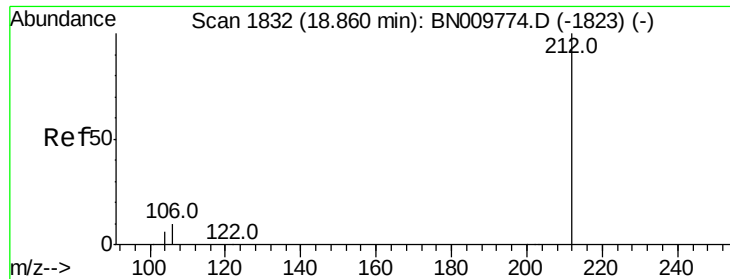


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.151 ng

RT: 18.84 min Scan# 1827

Delta R.T. 0.02 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200305DL

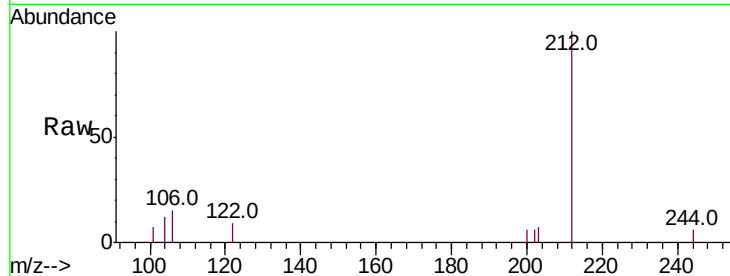
Tot Ion:212 Resp: 1804

Ion Ratio Lower Upper

212 100

106 11.0 8.4 12.6

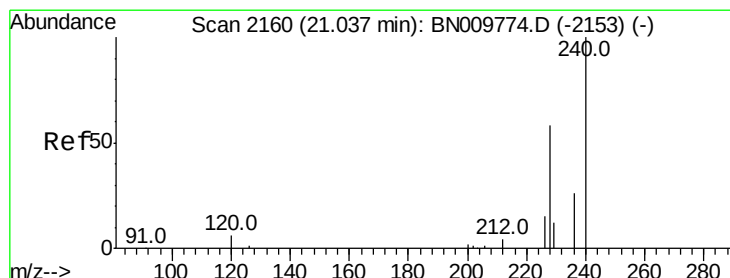
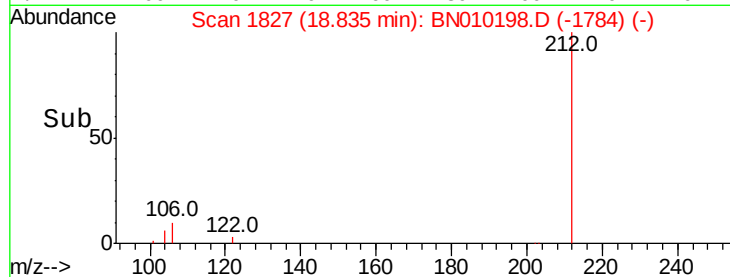
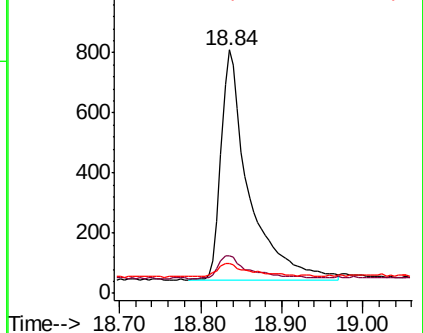
104 6.6 4.8 7.2



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: 21.00 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

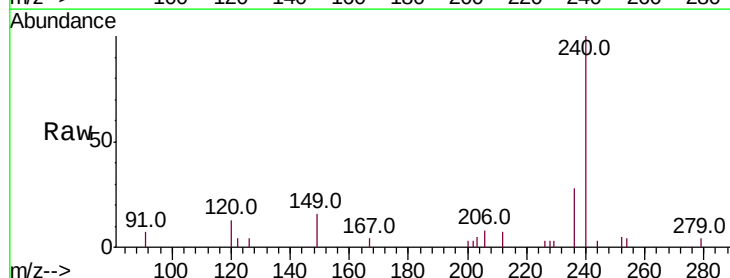
Tgt Ion:240 Resp: 3748

Ion Ratio Lower Upper

240 100

120 13.1 7.9 11.9#

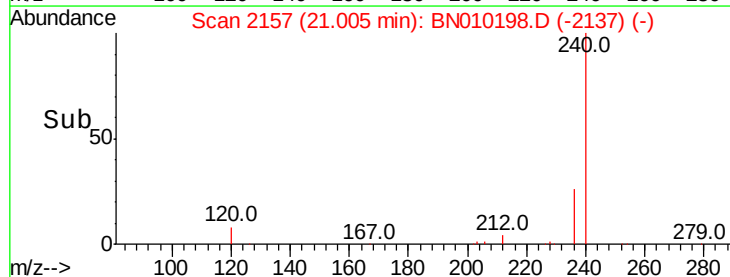
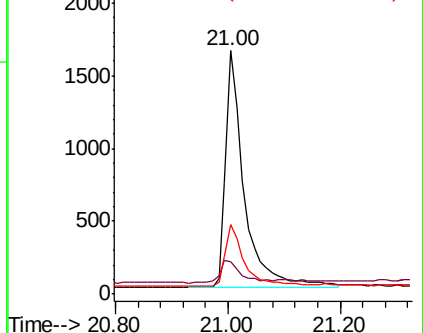
236 28.5 22.0 33.0

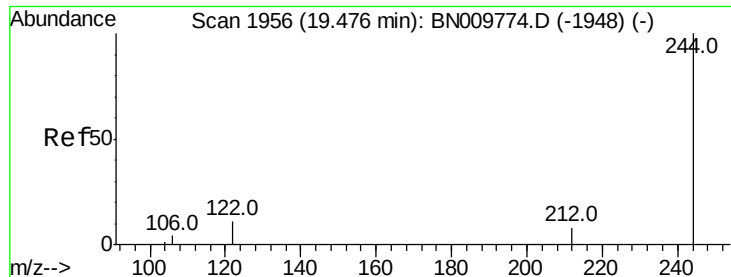


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.188 ng

RT: 19.43 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200305DL

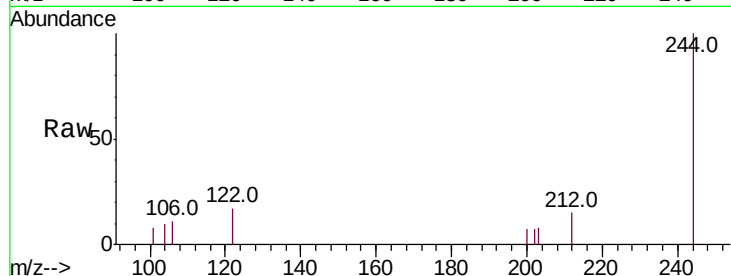
Tot Ion:244 Resp: 1684

Ion Ratio Lower Upper

244 100

212 15.4 8.0 12.0#

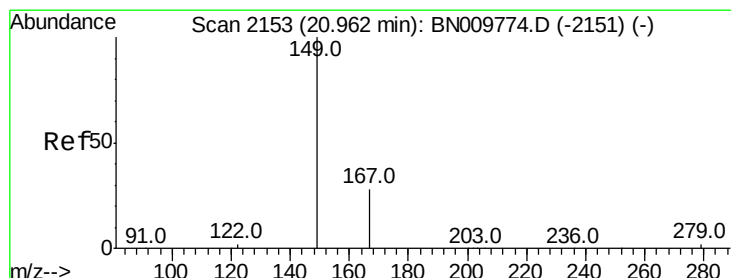
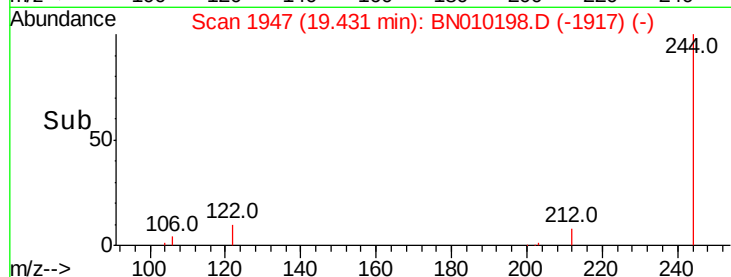
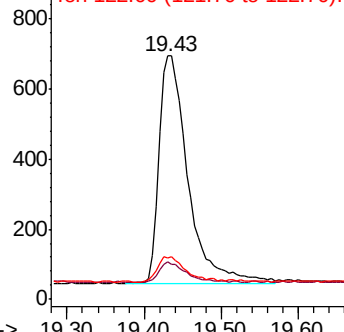
122 17.0 10.0 15.0#



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: 0.053 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

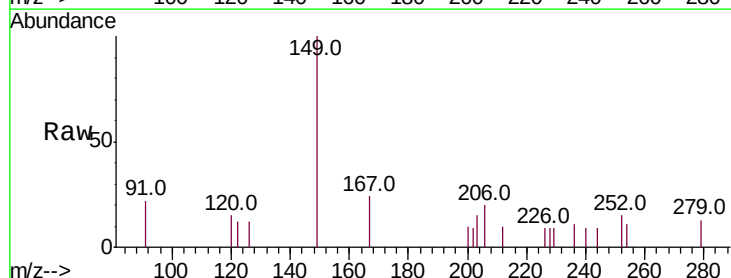
Tgt Ion:149 Resp: 321

Ion Ratio Lower Upper

149 100

167 27.1 22.7 34.1

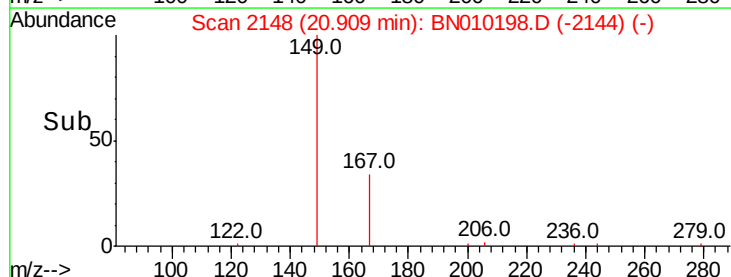
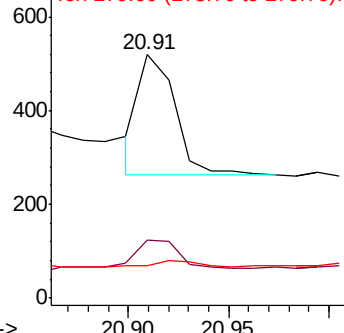
279 5.0 3.1 4.7#

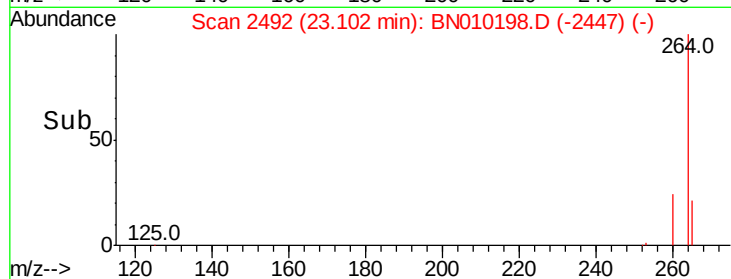
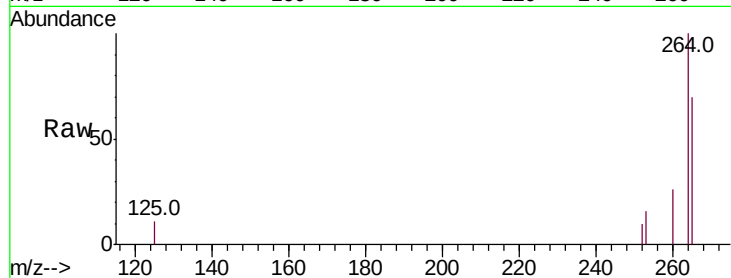
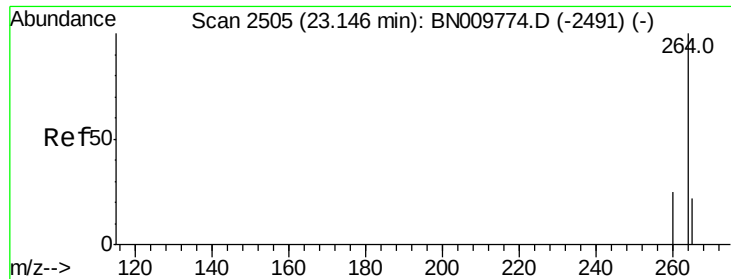


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200305DL

Tot Ion: 264 Resp: 4822

Ion Ratio Lower Upper

264 100

260 25.6 21.1 31.7

265 70.1 57.5 86.3

