

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010195.D
 Acq On : 11 Mar 2020 16:59
 Operator : CG/JU
 Sample : L1842-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 07:15:23 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

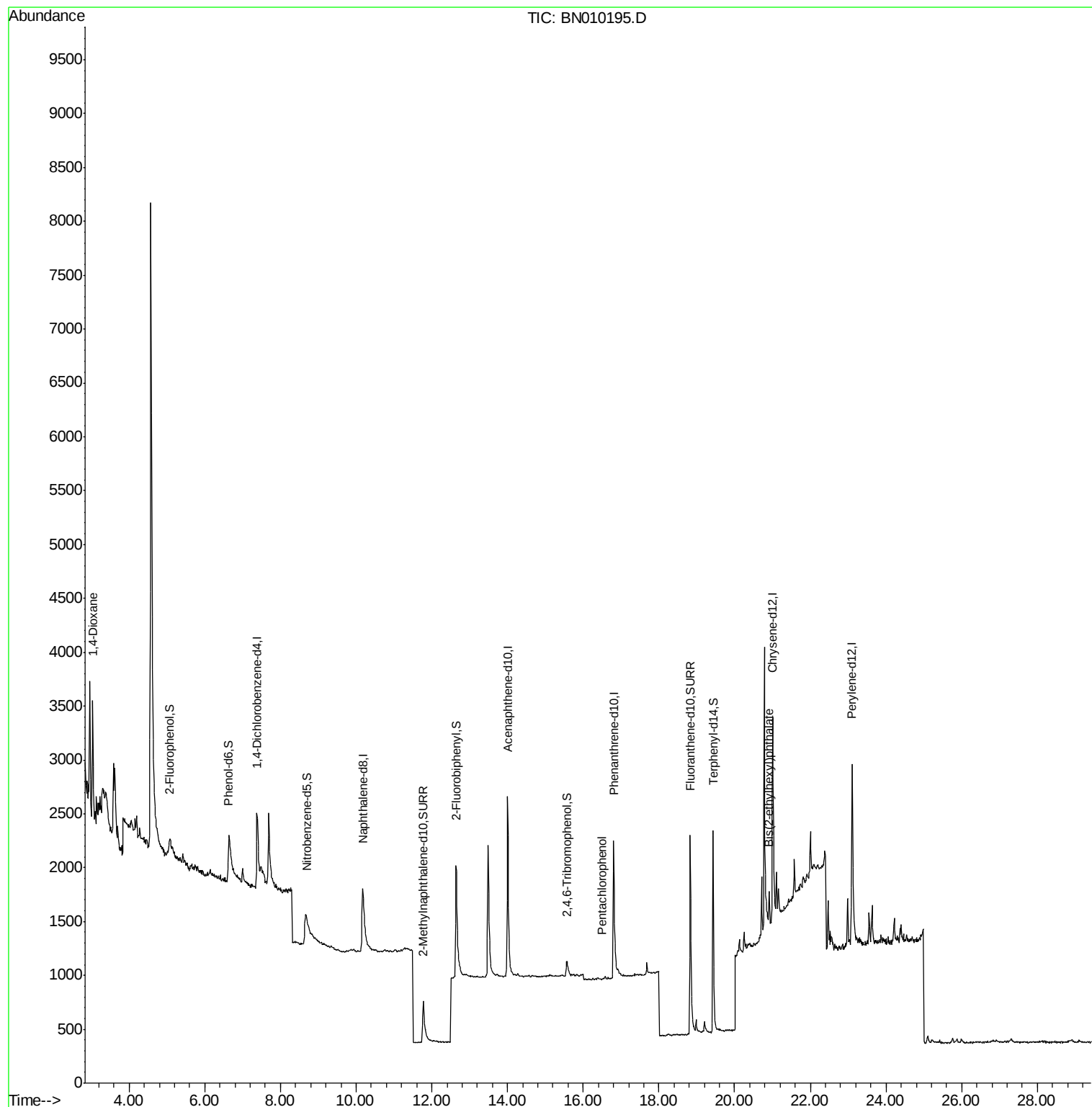
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	897	0.40	ng	0.02
7) Naphthalene-d8	10.18	136	2026	0.40	ng	0.06
13) Acenaphthene-d10	14.00	164	1429	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	2884	0.40	ng	0.03
27) Chrysene-d12	21.00	240	2994	0.40	ng	0.01
34) Perylene-d12	23.10	264	3198	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.08	112	372	0.19	ng	0.04
5) Phenol-d6	6.61	99	313	0.13	ng	0.00
8) Nitrobenzene-d5	8.69	82	645	0.38	ng	0.14
11) 2-Methylnaphthalene-d10	11.77	152	1249	0.32	ng	0.04
14) 2,4,6-Tribromophenol	15.57	330	194	0.35	ng	0.03
15) 2-Fluorobiphenyl	12.64	172	1791	0.33	ng	0.01
25) Fluoranthene-d10	18.83	212	3390	0.34	ng	0.01
29) Terphenyl-d14	19.43	244	2946	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.04	88	527	0.574	ng	# 81
22) Pentachlorophenol	16.49	266	8	0.192	ng	# 80
32) Bis(2-ethylhexyl)phthalate	20.91	149	331	0.068	ng	# 90

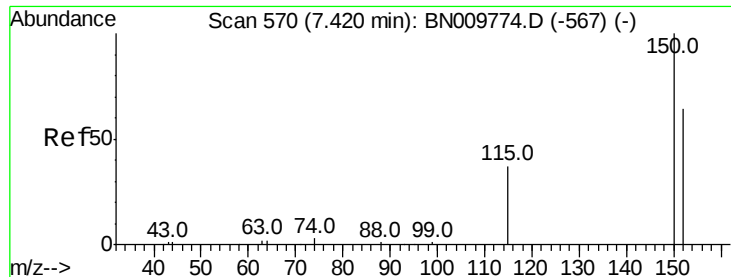
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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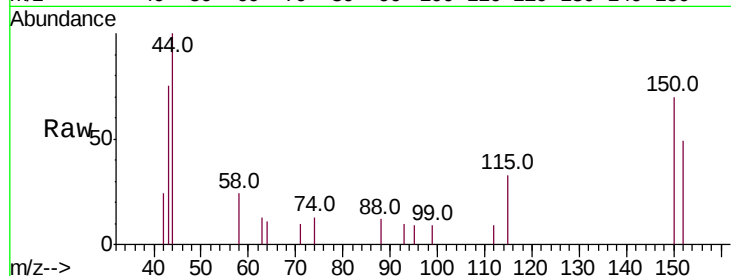


#1

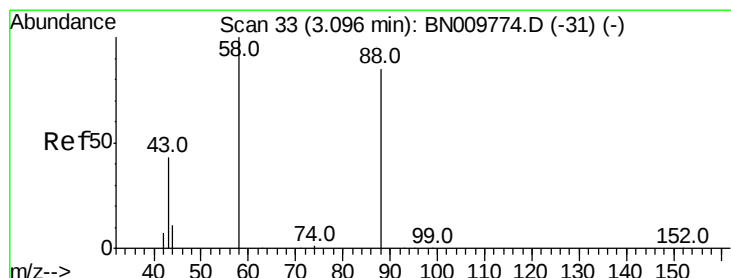
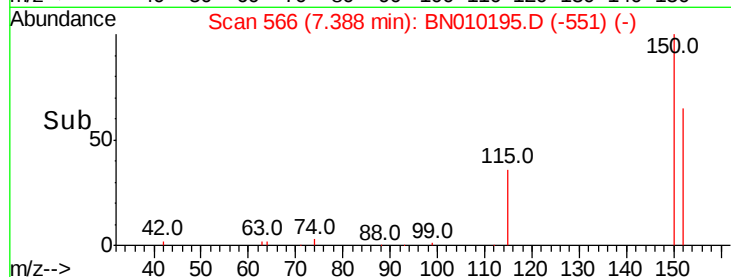
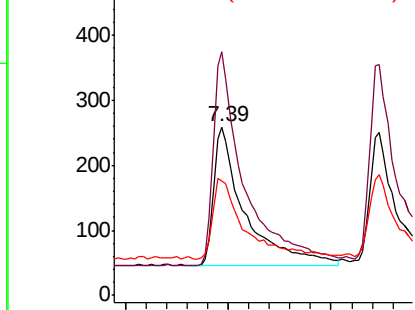
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. 0.02 min
Lab File: BN010195.D
Acq: 11 Mar 2020 16:59

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 897
Ion Ratio Lower Upper
152 100
150 144.4 120.6 181.0
115 68.0 51.2 76.8



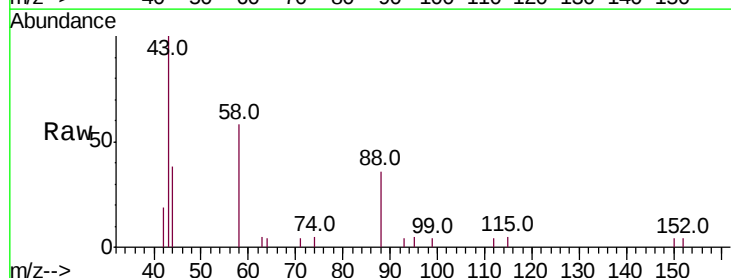
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



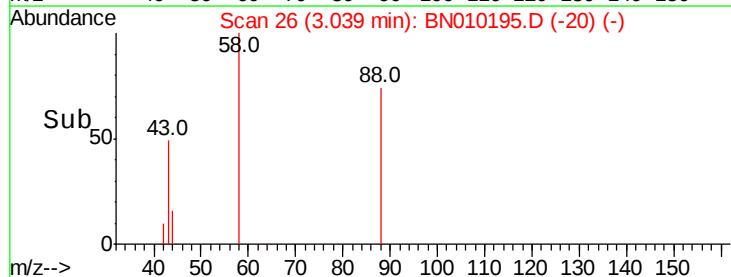
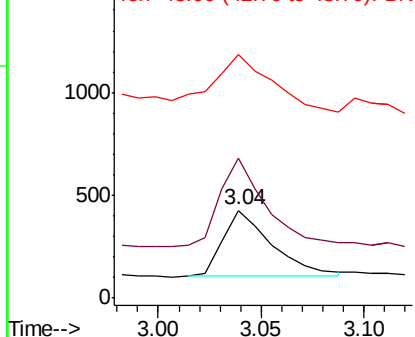
#2

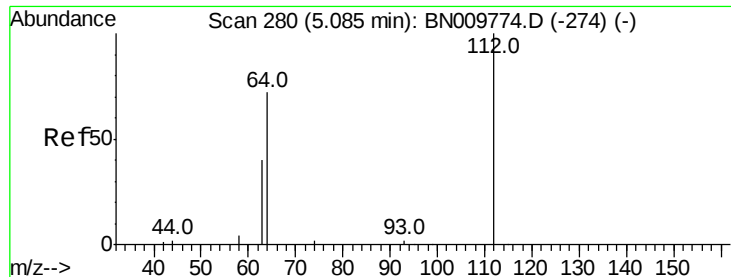
1,4-Dioxane
Concen: 0.574 ng
RT: 3.04 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN010195.D
Acq: 11 Mar 2020 16:59

Tgt Ion: 88 Resp: 527
Ion Ratio Lower Upper
88 100
58 119.4 97.8 146.8
43 96.8 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: 0.187 ng

RT: 5.08 min Scan# 279

Delta R.T. 0.04 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

ClientSampleId :

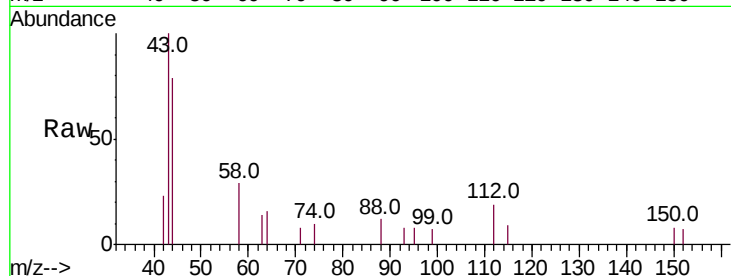
Tot Ion:112 Resp: 372

Ion Ratio Lower Upper

112 100

64 82.3 65.8 98.6

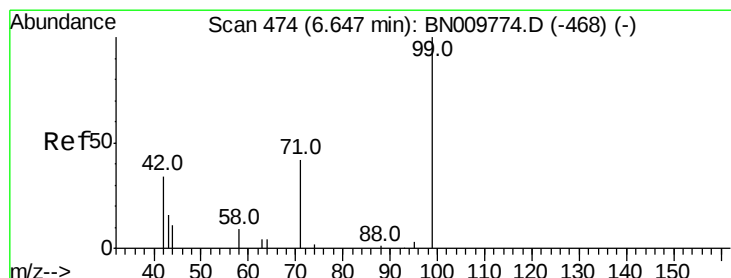
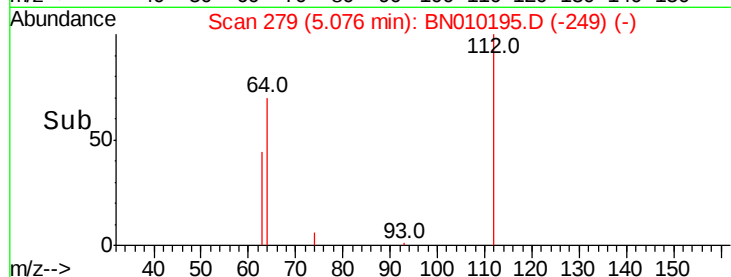
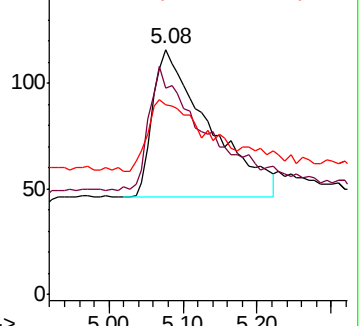
63 48.7 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.129 ng

RT: 6.61 min Scan# 470

Delta R.T. 0.01 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

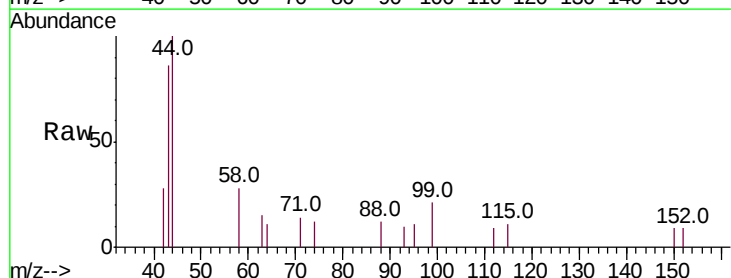
Tgt Ion: 99 Resp: 313

Ion Ratio Lower Upper

99 100

42 48.2 30.8 46.2#

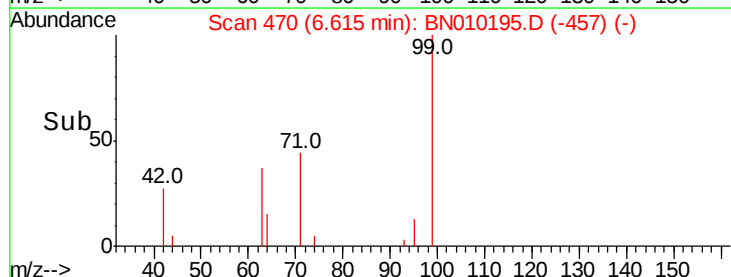
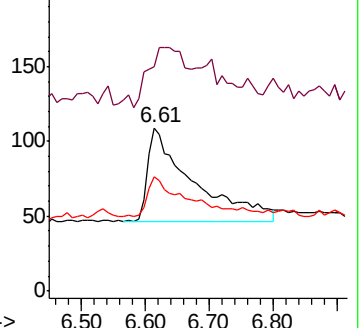
71 34.5 34.9 52.3#

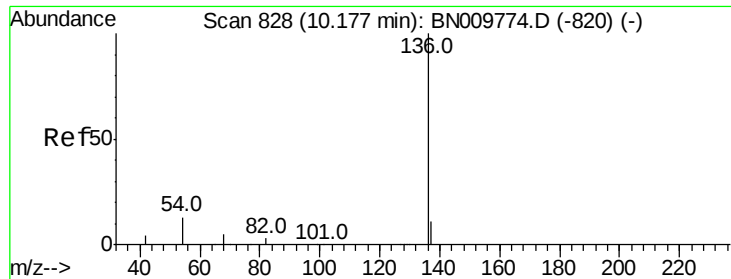


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. 0.06 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 2026

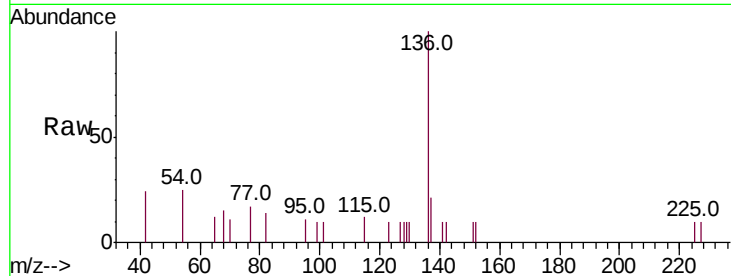
Ion Ratio Lower Upper

136 100

137 20.6 11.3 16.9#

54 24.7 13.4 20.2#

68 14.8 7.0 10.4#

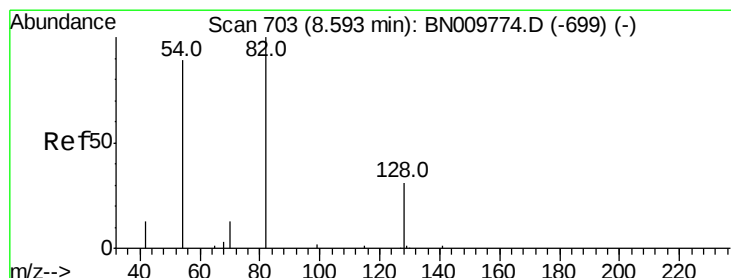
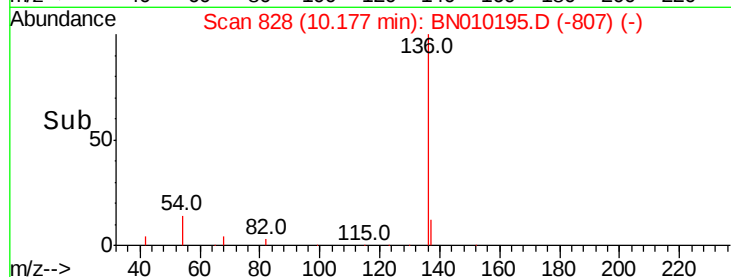
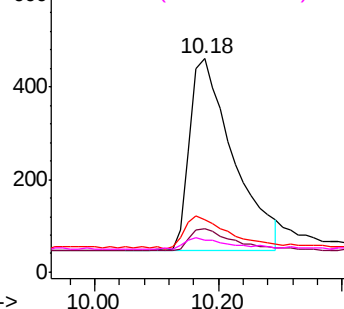


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.14 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

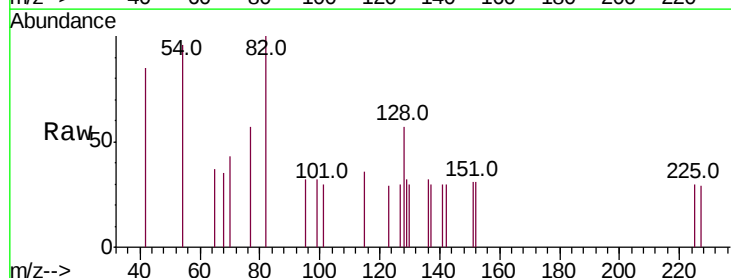
Tgt Ion: 82 Resp: 645

Ion Ratio Lower Upper

82 100

128 56.8 32.5 48.7#

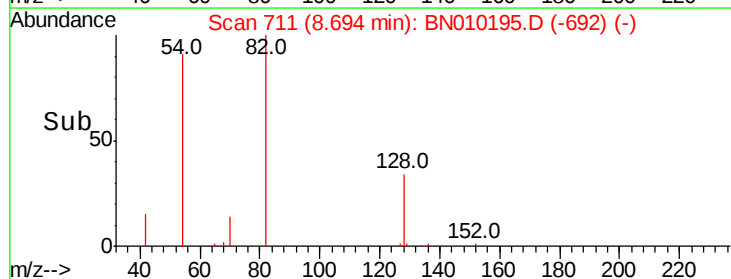
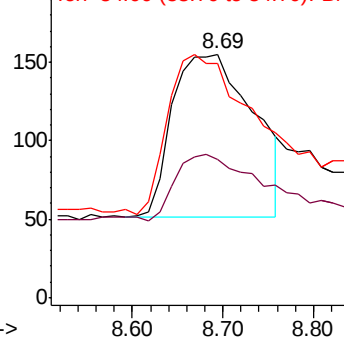
54 96.1 73.5 110.3

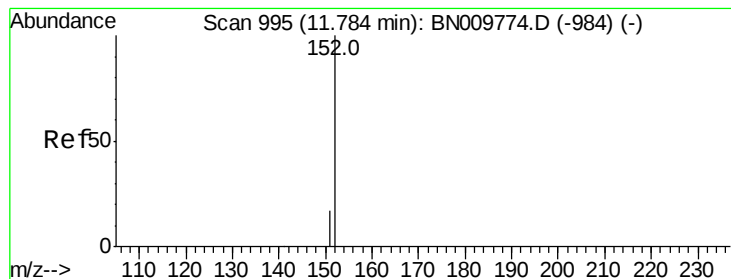


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 11.77 min Scan# 993

Delta R.T. 0.04 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

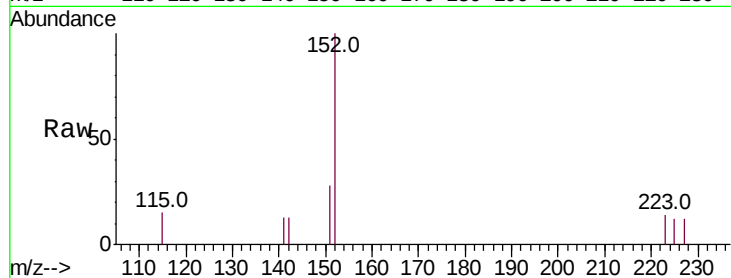
ClientSampleId :

Tot Ion:152 Resp: 1249

Ion Ratio Lower Upper

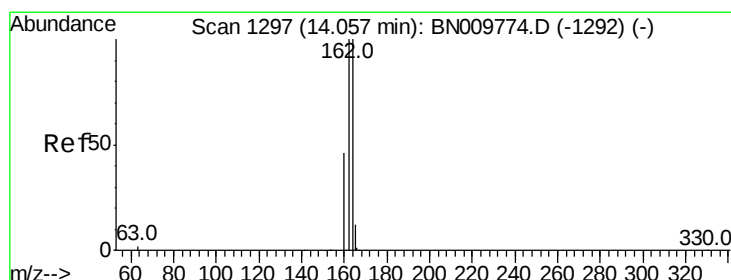
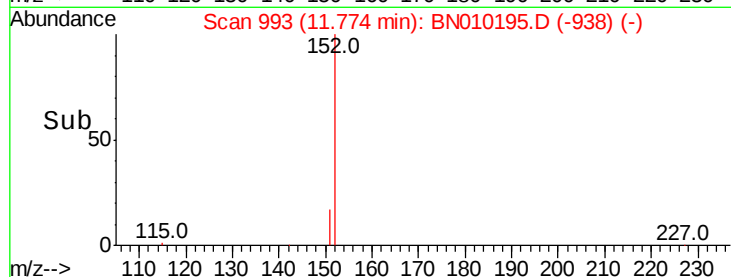
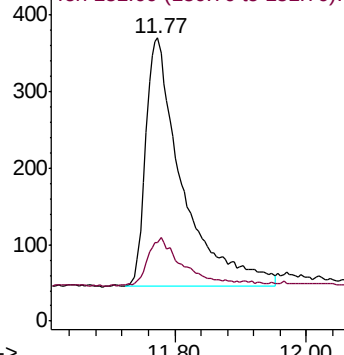
152 100

151 18.9 15.1 22.7



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: 14.00 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

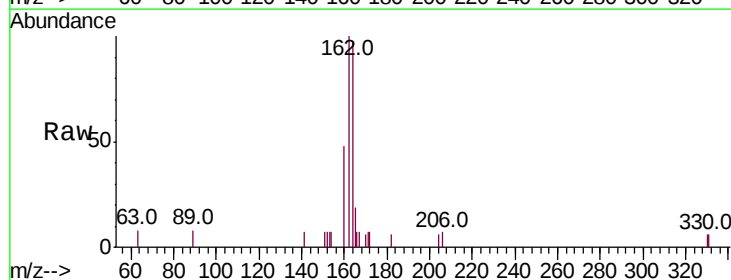
Tgt Ion:164 Resp: 1429

Ion Ratio Lower Upper

164 100

162 102.8 79.9 119.9

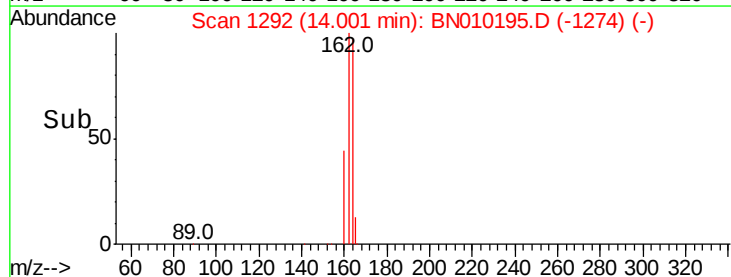
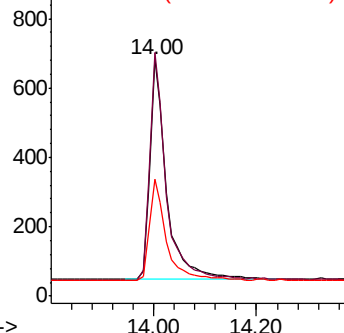
160 49.3 38.2 57.2

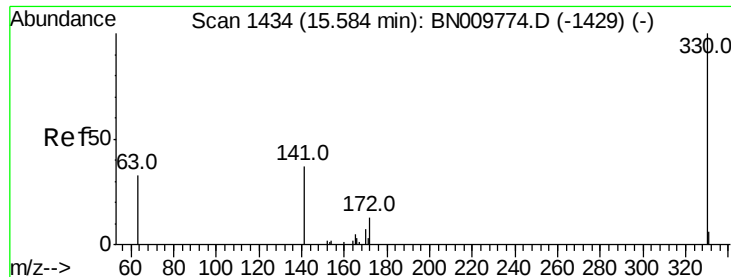


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

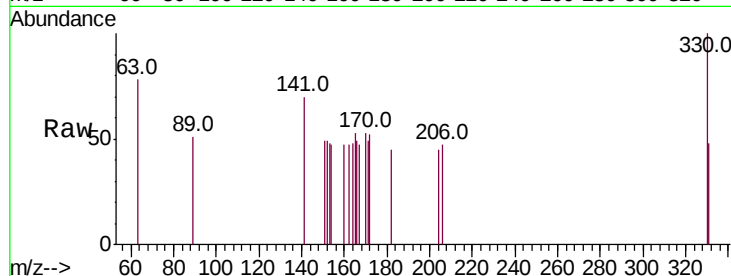




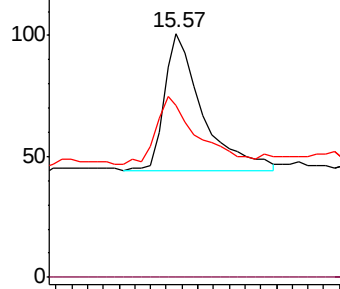
#14
 2,4,6-Tribromophenol
 Concen: 0.352 ng
 RT: 15.57 min Scan# 1433
 Delta R.T. 0.03 min
 Lab File: BN010195.D
 Acq: 11 Mar 2020 16:59

Instrument :
 BNA_N
 ClientSampleId :

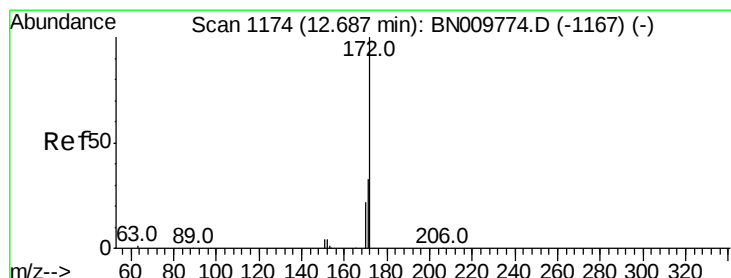
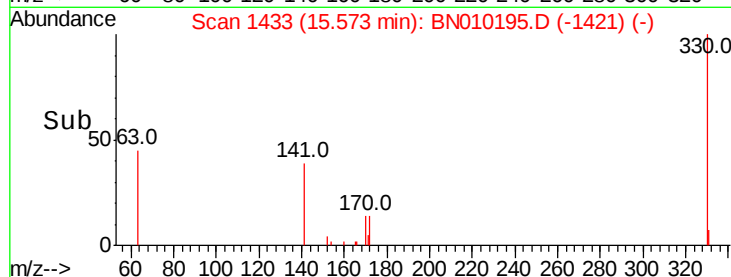
Tot Ion:330 Resp: 194
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 51.5 36.8 55.2



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

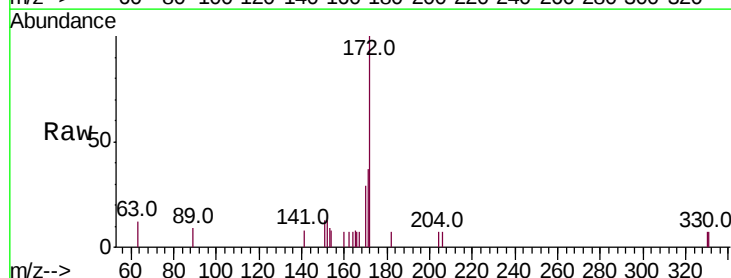


Time-->

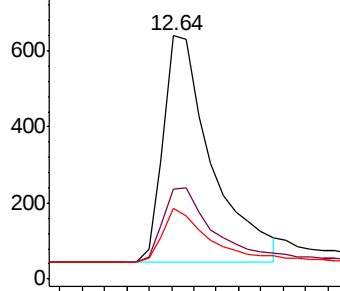


#15
 2-Fluorobiphenyl
 Concen: 0.332 ng
 RT: 12.64 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BN010195.D
 Acq: 11 Mar 2020 16:59

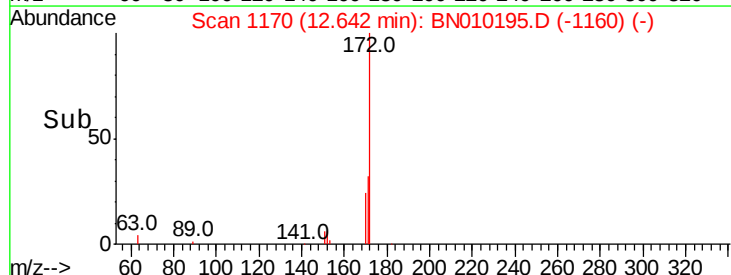
Tgt Ion:172 Resp: 1791
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.7 43.1
 170 29.1 20.1 30.1

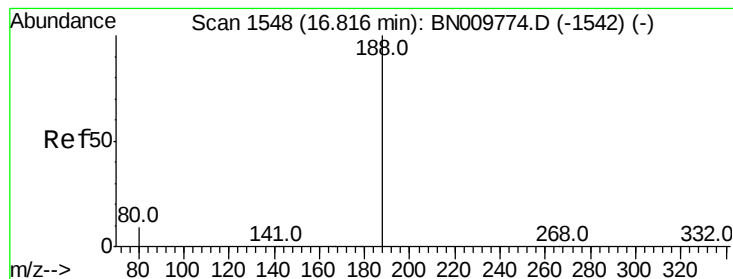


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. 0.03 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

ClientSampleId :

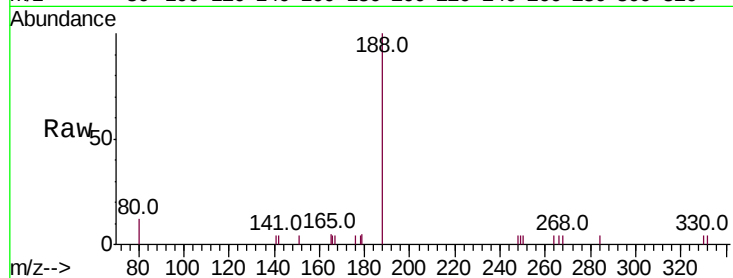
Tot Ion:188 Resp: 2884

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

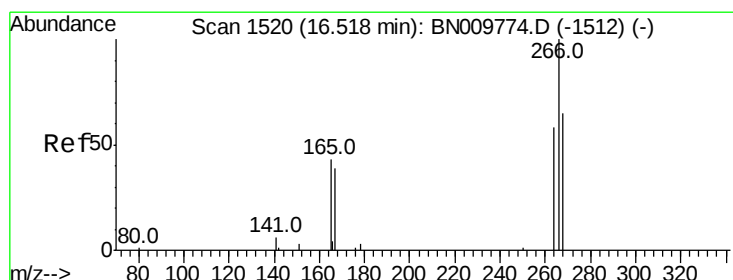
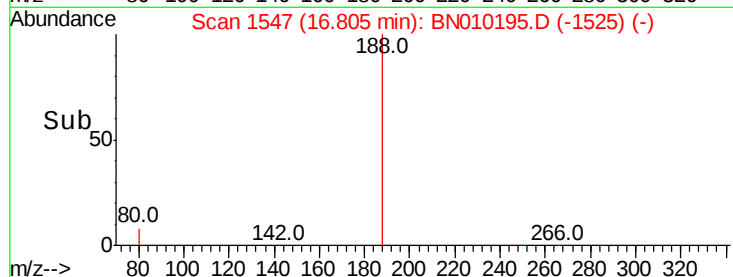
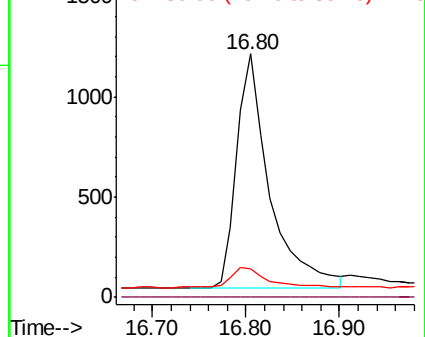
80 11.7 8.3 12.5



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



#22

Pentachlorophenol

Concen: 0.192 ng

RT: 16.49 min Scan# 1517

Delta R.T. 0.02 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

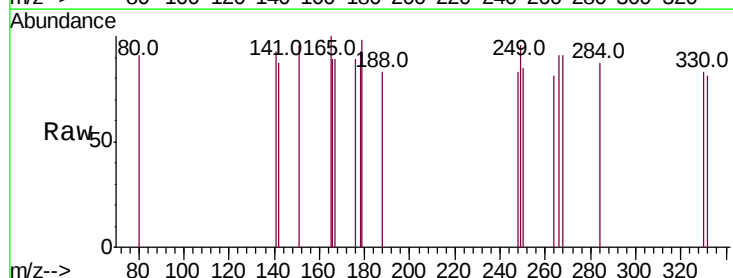
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 89.8 58.1 87.1#

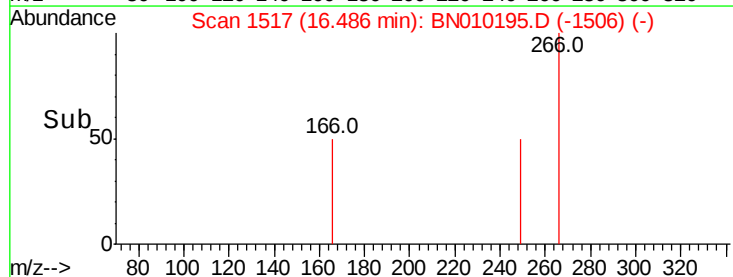
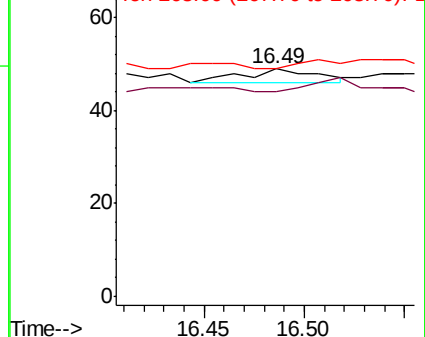
268 100.0 65.7 98.5#

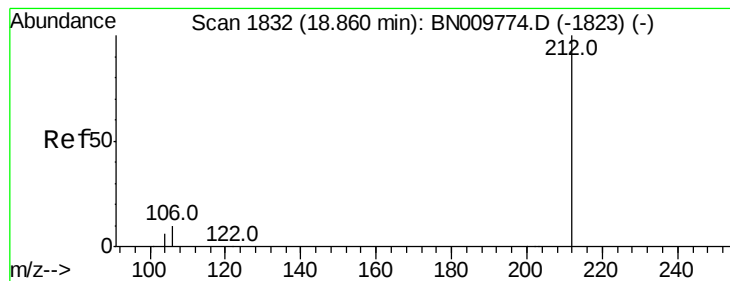


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.340 ng

RT: 18.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

ClientSampleId :

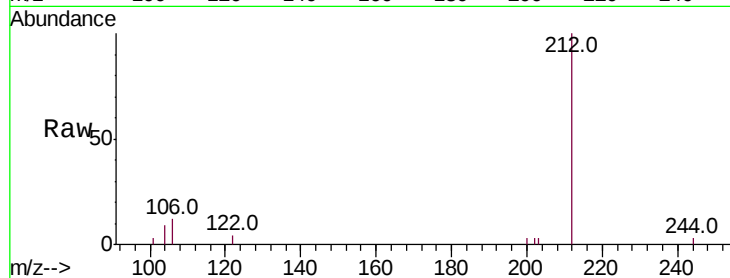
Tot Ion:212 Resp: 3390

Ion Ratio Lower Upper

212 100

106 10.2 8.4 12.6

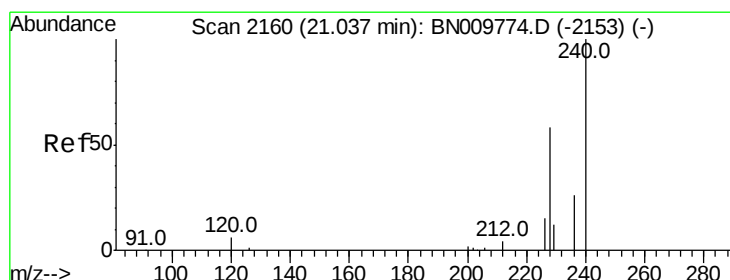
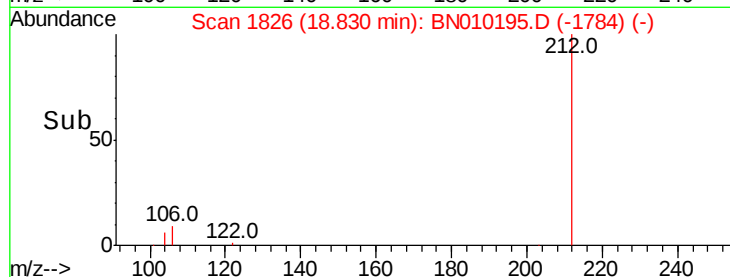
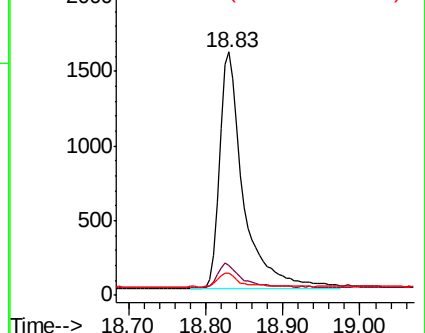
104 5.6 4.8 7.2



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: BN010195.D

Acq: 11 Mar 2020 16:59

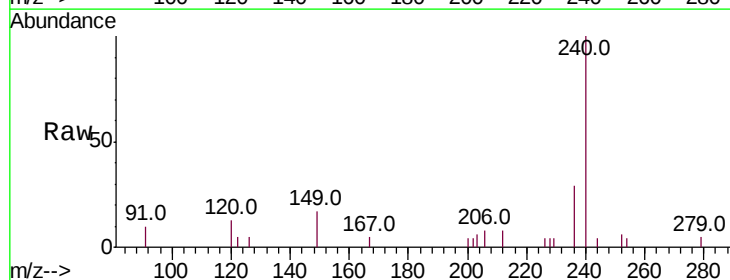
Tgt Ion:240 Resp: 2994

Ion Ratio Lower Upper

240 100

120 13.0 7.9 11.9#

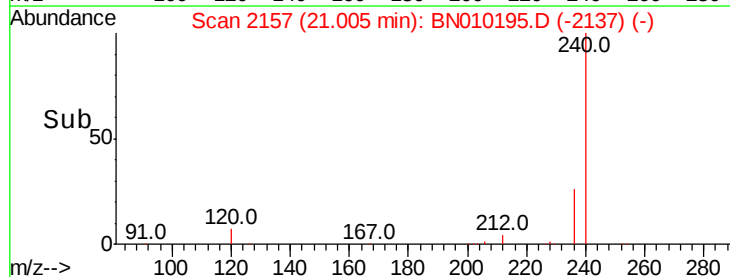
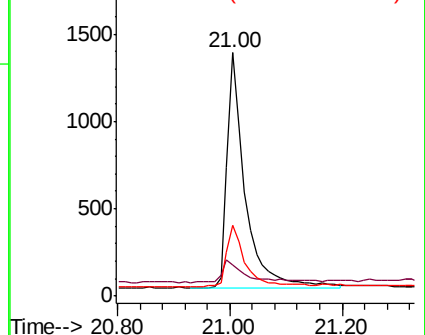
236 29.1 22.0 33.0

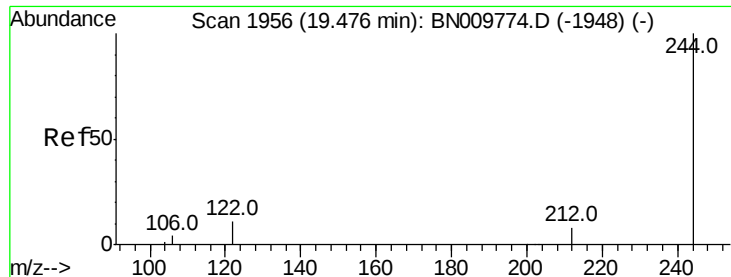


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.412 ng

RT: 19.43 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

ClientSampleId :

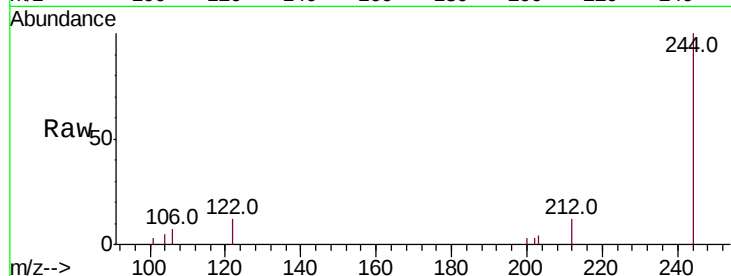
Tot Ion:244 Resp: 2946

Ion Ratio Lower Upper

244 100

212 11.5 8.0 12.0

122 12.2 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

19.43

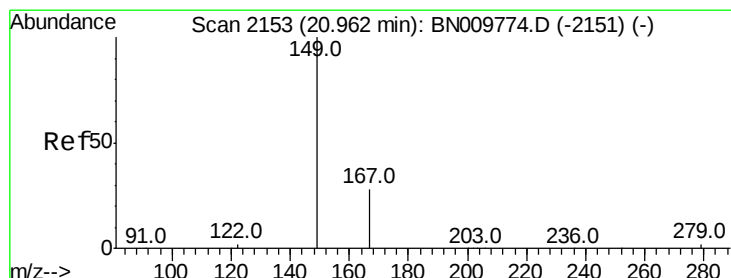
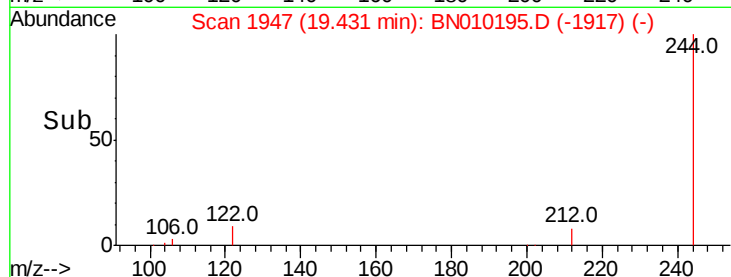
1500

1000

500

0

Time--> 19.30 19.40 19.50



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.068 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

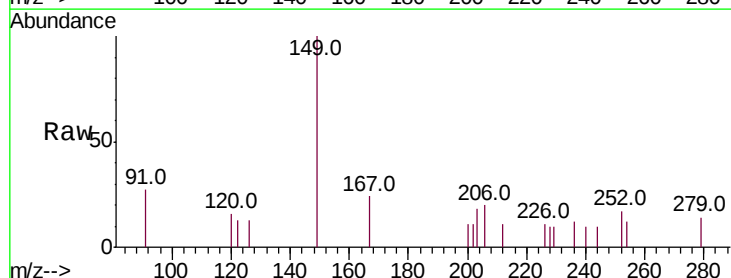
Tgt Ion:149 Resp: 331

Ion Ratio Lower Upper

149 100

167 23.0 22.7 34.1

279 2.4 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

20.91

600

500

400

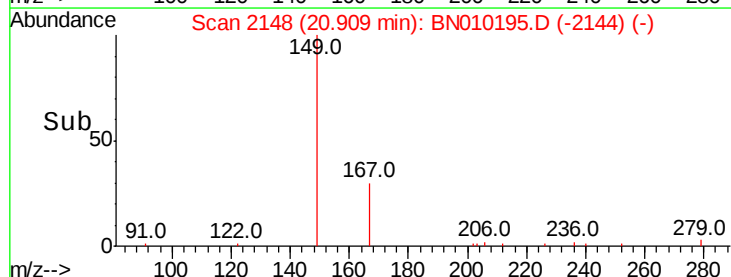
300

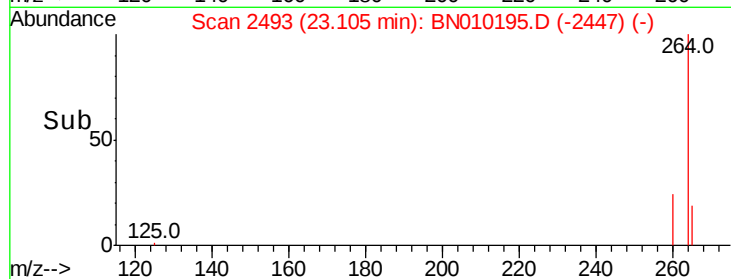
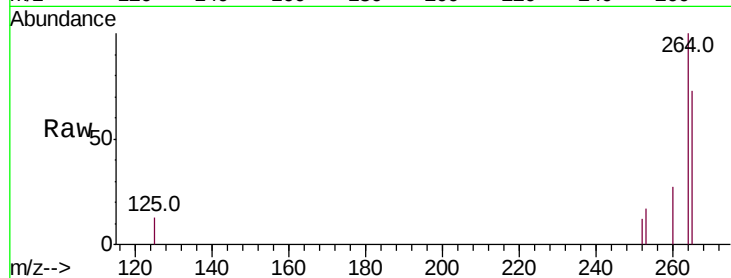
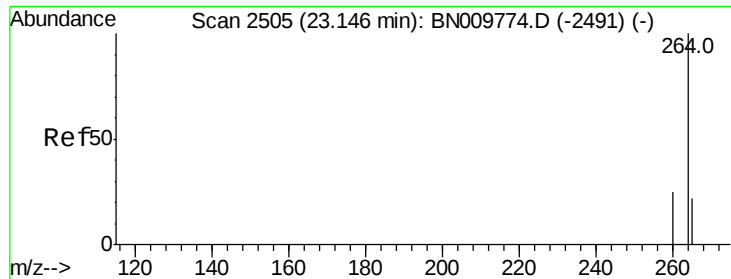
200

100

0

Time--> 20.90 20.95





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 3198

Ion Ratio Lower Upper

264 100

260 26.6 21.1 31.7

265 73.3 57.5 86.3

