

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010202.D
 Acq On : 11 Mar 2020 21:10
 Operator : CG/JU
 Sample : L1842-28DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 07:16:13 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

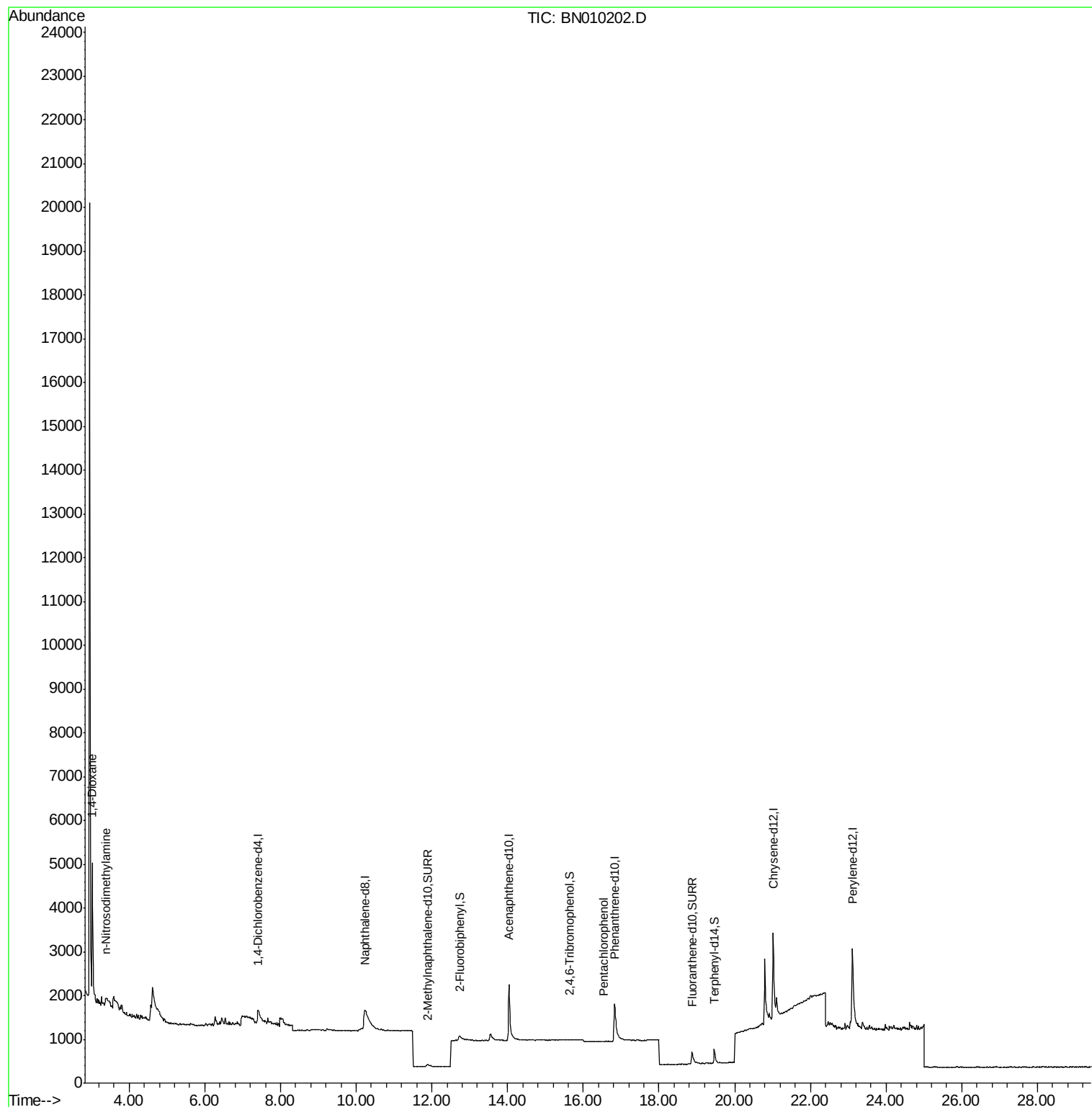
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	609	0.40	ng	0.05
7) Naphthalene-d8	10.23	136	2001	0.40	ng	0.11
13) Acenaphthene-d10	14.03	164	1406	0.40	ng	0.03
19) Phenanthrene-d10	16.83	188	3163	0.40	ng	0.05
27) Chrysene-d12	21.02	240	3701	0.40	ng	0.02
34) Perylene-d12	23.11	264	3533	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.10	112	9	0.01	ng	0.06
5) Phenol-d6	6.65	99	2	0.00	ng	0.05
8) Nitrobenzene-d5	8.67	82	6	0.00	ng	0.11
11) 2-Methylnaphthalene-d10	11.88	152	113	0.03	ng	0.15
14) 2,4,6-Tribromophenol	15.63	330	19	0.04	ng	0.09
15) 2-Fluorobiphenyl	12.73	172	214	0.04	ng	0.10
25) Fluoranthene-d10	18.87	212	803	0.07	ng	0.05
29) Terphenyl-d14	19.46	244	662	0.07	ng	0.03
Target Compounds						
2) 1,4-Dioxane	3.03	88	1094	1.754	ng	97
3) n-Nitrosodimethylamine	3.39	42	52	0.051	ng	# 33
22) Pentachlorophenol	16.53	266	1	0.180	ng	# 75

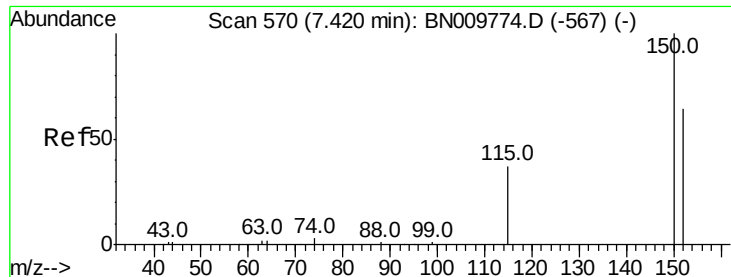
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN010202.D

Acq: 11 Mar 2020 21:10

Instrument :

BNA_N

ClientSampled :

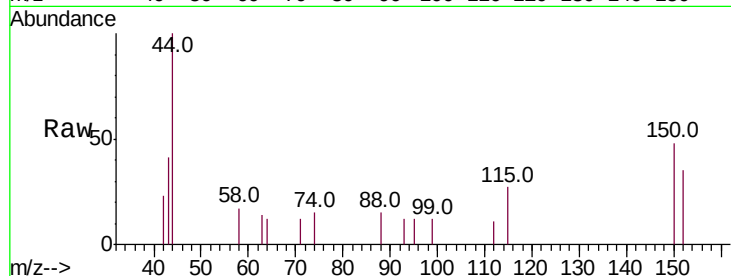
Tot Ion:152 Resp: 609

Ion Ratio Lower Upper

152 100

150 134.5 120.6 181.0

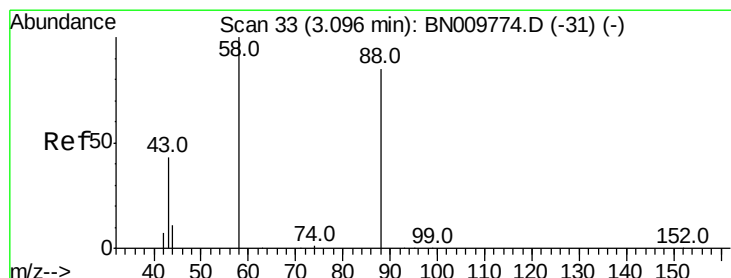
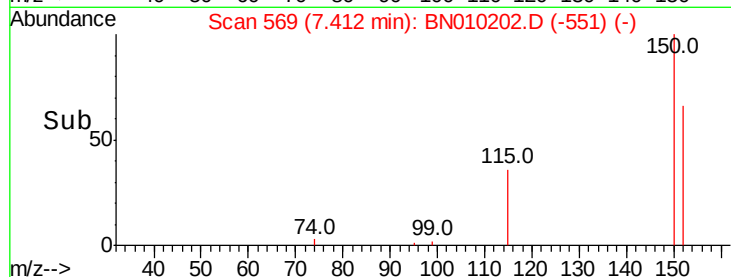
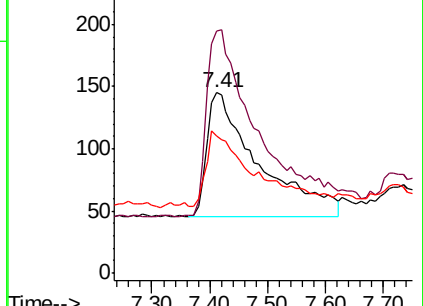
115 75.9 51.2 76.8



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: 1.754 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN010202.D

Acq: 11 Mar 2020 21:10

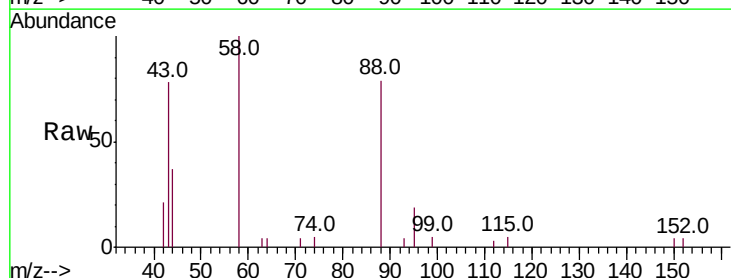
Tgt Ion: 88 Resp: 1094

Ion Ratio Lower Upper

88 100

58 118.9 97.8 146.8

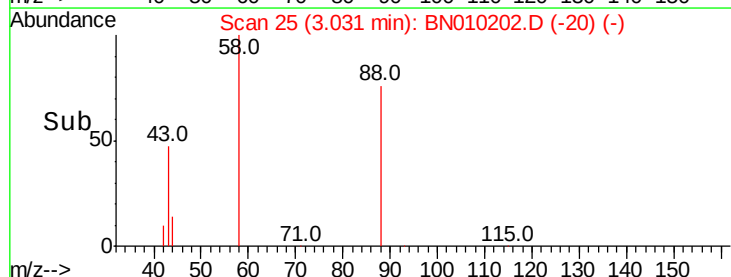
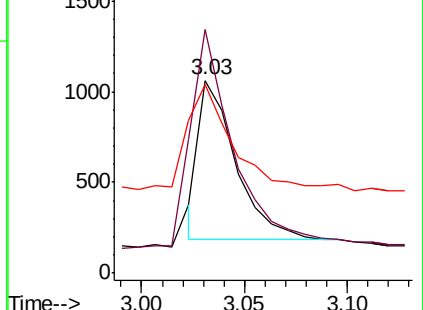
43 53.3 45.1 67.7

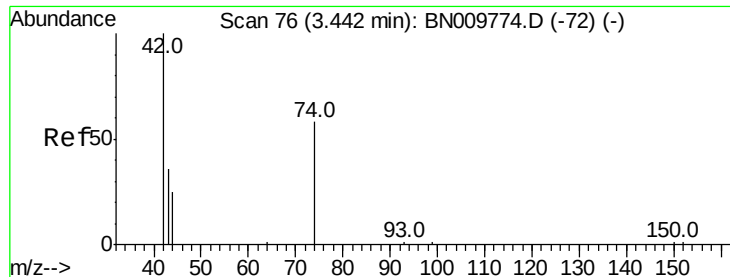


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

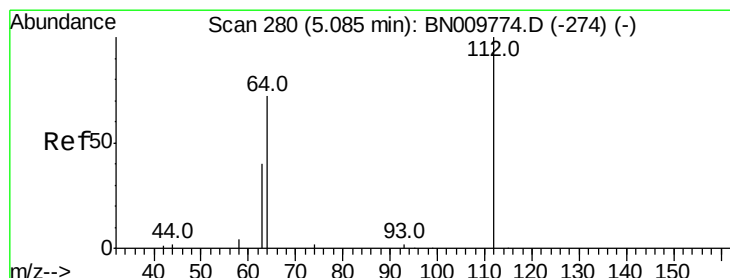
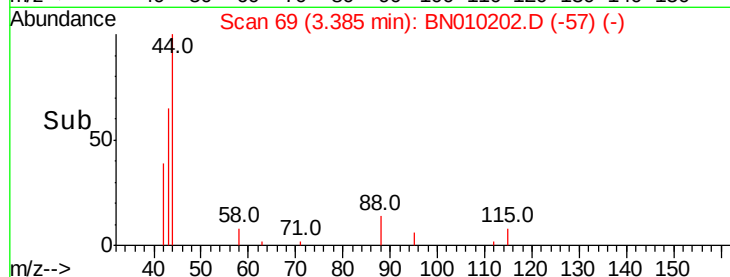
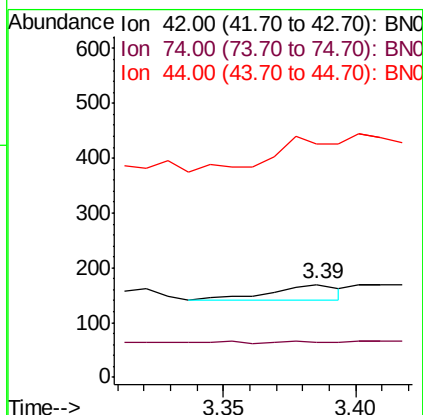
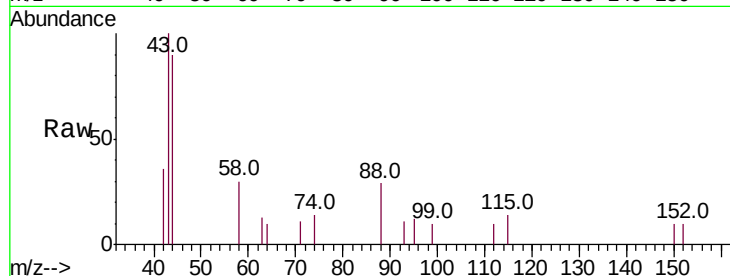




#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

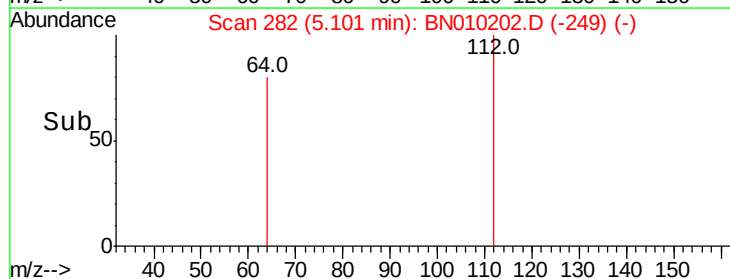
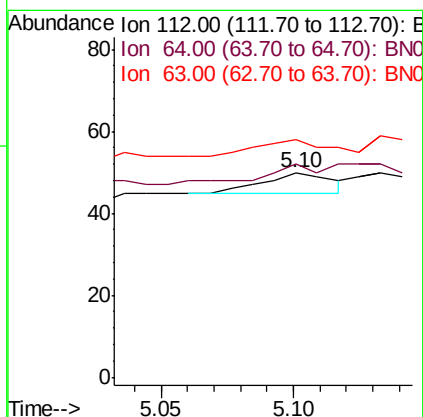
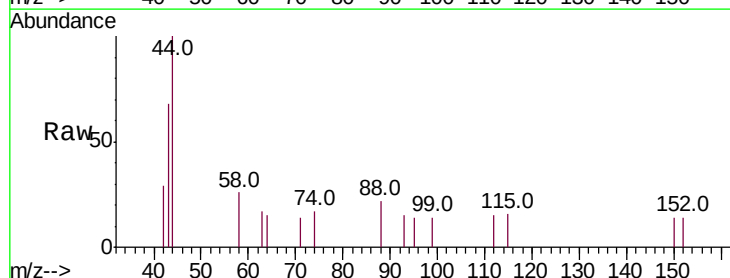
Instrument :
BNA_N
ClientSampleId :

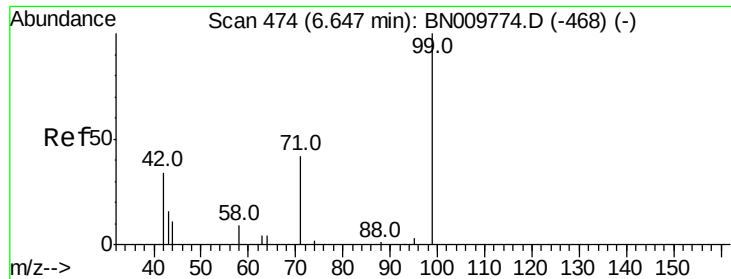
Tot Ion: 42 Resp: 52
Ion Ratio Lower Upper
42 100
74 9.6 51.2 76.8#
44 0.0 2.6 4.0#



#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.10 min Scan# 282
Delta R.T. 0.06 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Tgt Ion: 112 Resp: 9
Ion Ratio Lower Upper
112 100
64 188.9 65.8 98.6#
63 77.8 38.7 58.1#





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.65 min Scan# 475

Delta R.T. 0.05 min

Lab File: BN010202.D

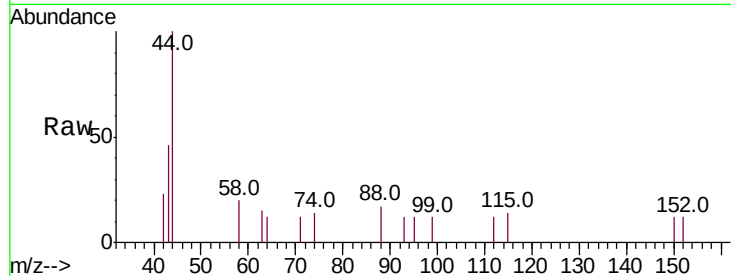
Acq: 11 Mar 2020 21:10

Instrument :

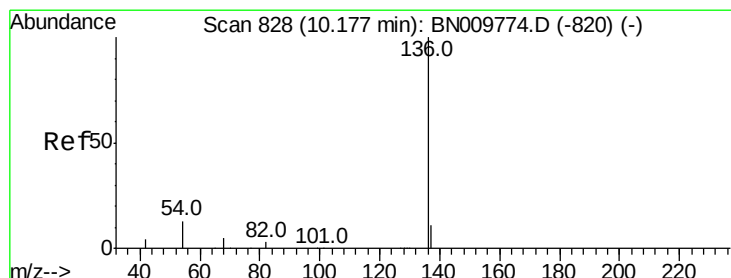
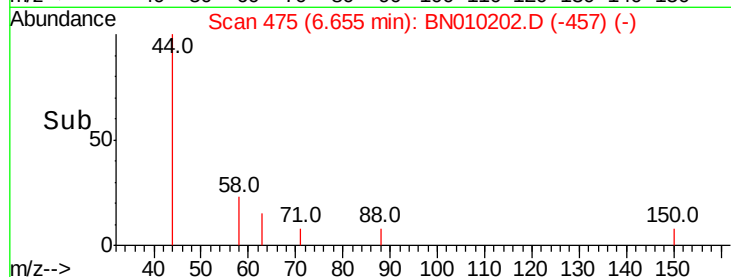
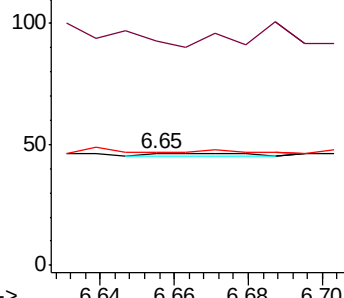
BNA_N

ClientSampleId :

Tot Ion:	99	Resp:	2
Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	100.0	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

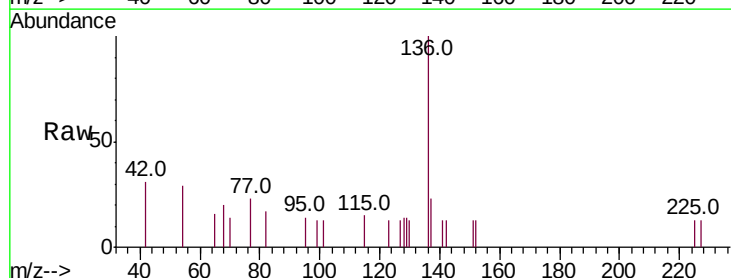
RT: 10.23 min Scan# 832

Delta R.T. 0.11 min

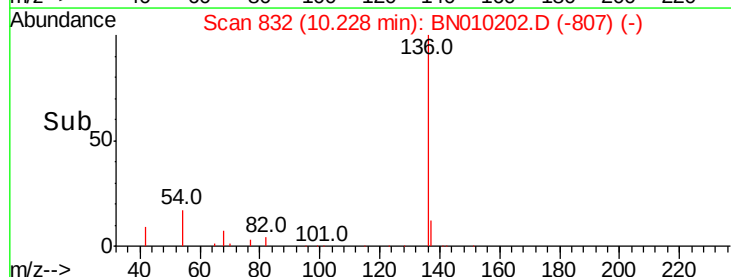
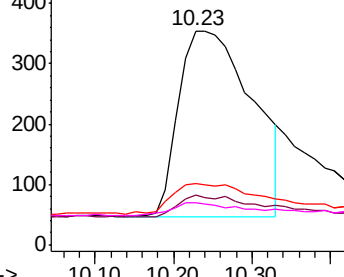
Lab File: BN010202.D

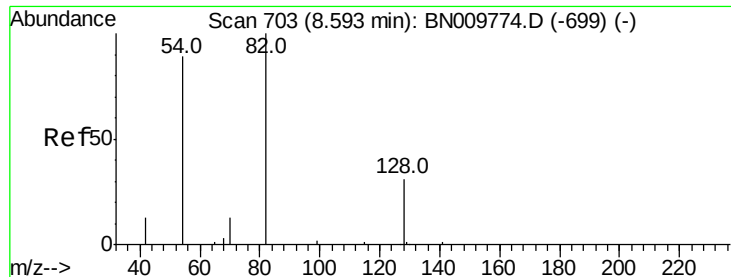
Acq: 11 Mar 2020 21:10

Tgt Ion:	136	Resp:	2001
Ion	Ratio	Lower	Upper
136	100		
137	23.2	11.3	16.9#
54	28.8	13.4	20.2#
68	19.8	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): BN0
Ion 68.00 (67.70 to 68.70): BN0

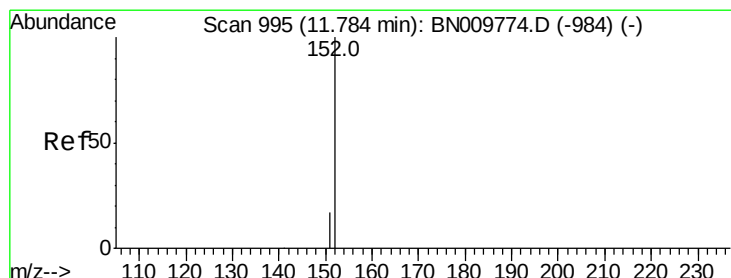
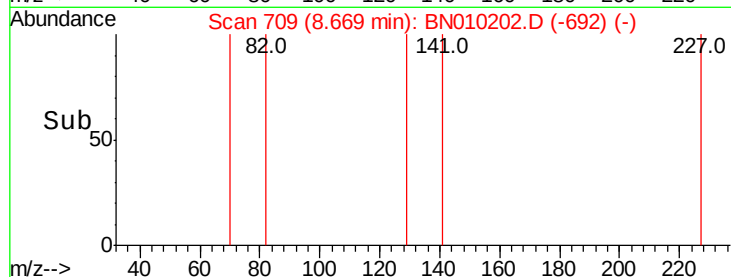
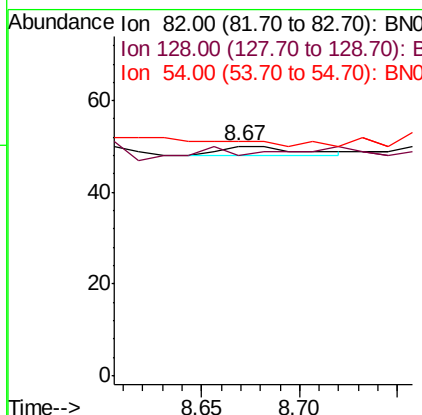
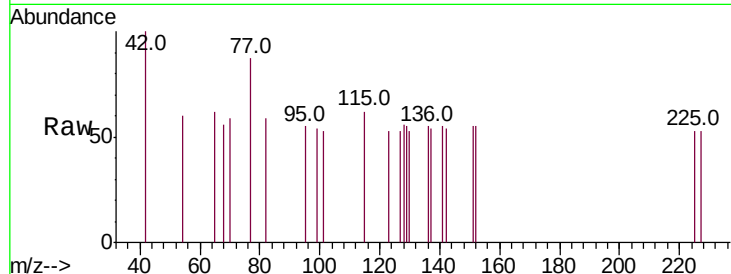




#8
Nitrobenzene-d5
Concen: 0.004 ng
RT: 8.67 min Scan# 709
Delta R.T. 0.11 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

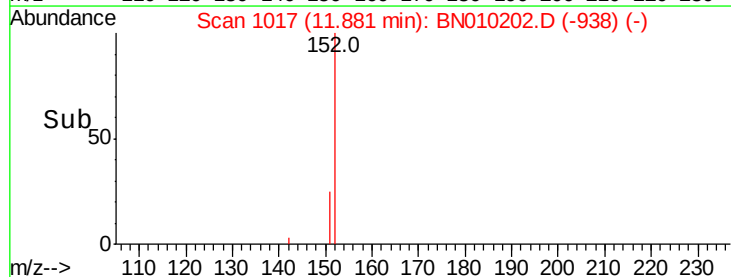
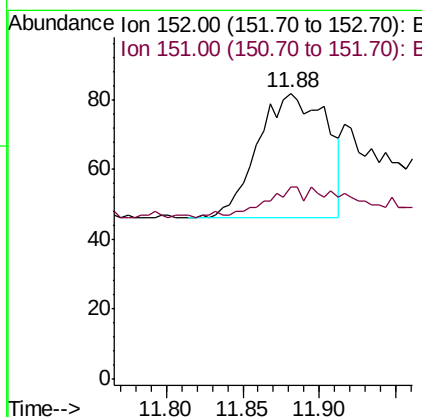
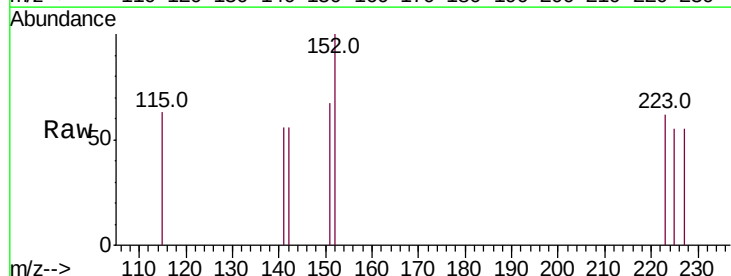
Instrument :
BNA_N
ClientSampleId :

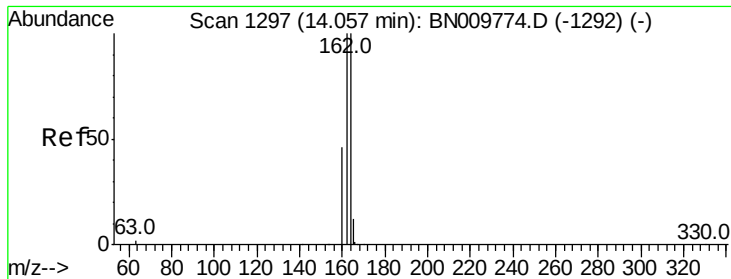
Tot Ion: 82 Resp: 6
Ion Ratio Lower Upper
82 100
128 96.0 32.5 48.7#
54 102.0 73.5 110.3



#11
2-Methylnaphthalene-d10
Concen: 0.029 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.15 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Tgt Ion: 152 Resp: 113
Ion Ratio Lower Upper
152 100
151 10.6 15.1 22.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. 0.03 min

Lab File: BN010202.D

Acq: 11 Mar 2020 21:10

Instrument :

BNA_N

ClientSampleId :

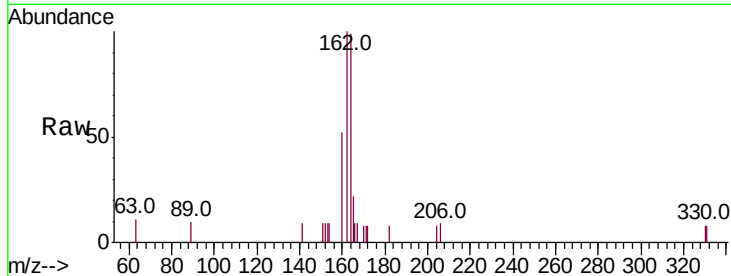
Tot Ion:164 Resp: 1406

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

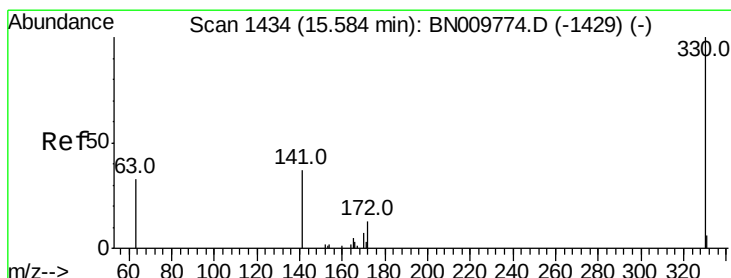
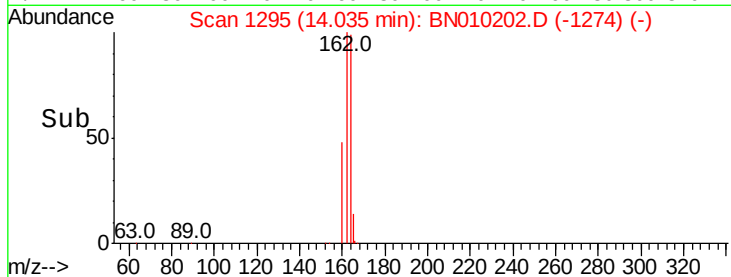
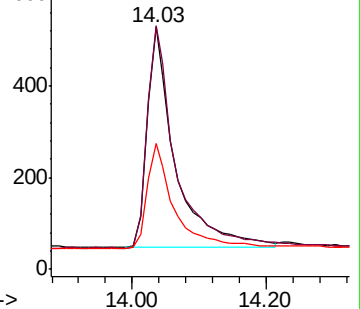
160 52.1 38.2 57.2



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: 0.035 ng

RT: 15.63 min Scan# 1438

Delta R.T. 0.09 min

Lab File: BN010202.D

Acq: 11 Mar 2020 21:10

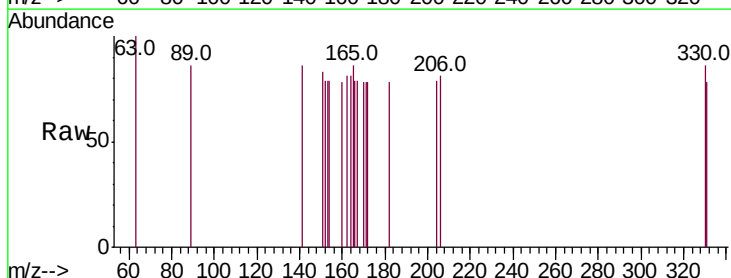
Tgt Ion:330 Resp: 19

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

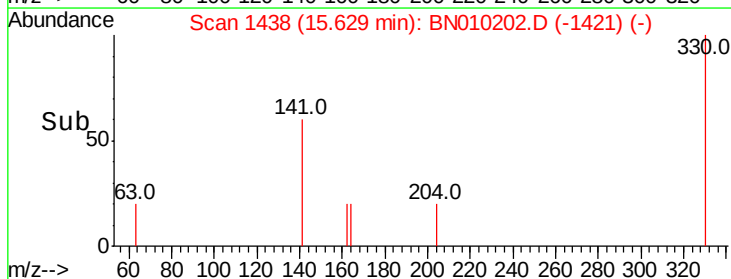
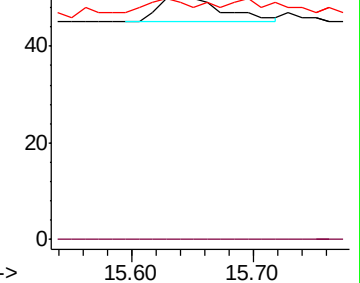
141 31.6 36.8 55.2#

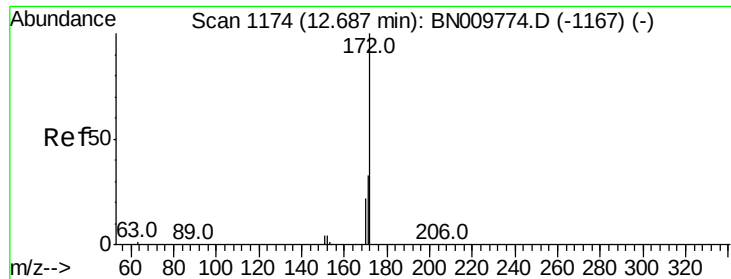


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

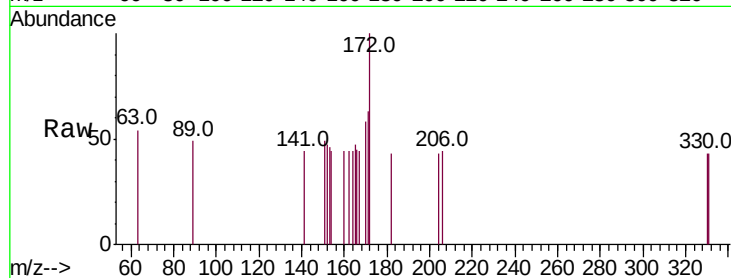




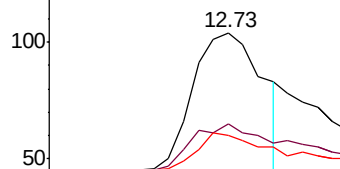
#15
2-Fluorobiphenyl
Concen: 0.040 ng
RT: 12.73 min Scan# 1178
Delta R.T. 0.10 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

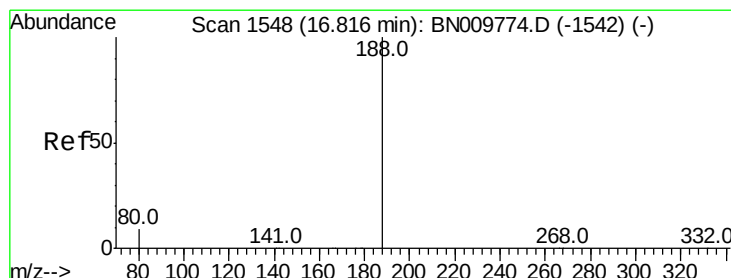
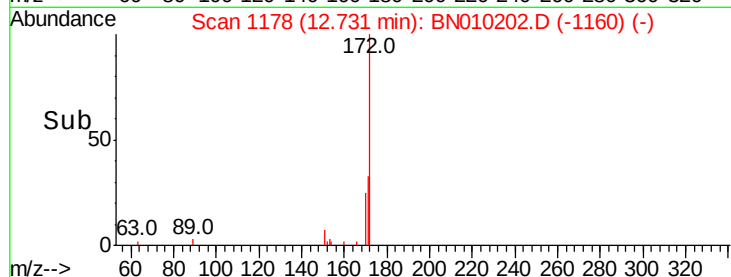
Tot Ion:172 Resp: 214
Ion Ratio Lower Upper
172 100
171 62.5 28.7 43.1#
170 57.7 20.1 30.1#



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

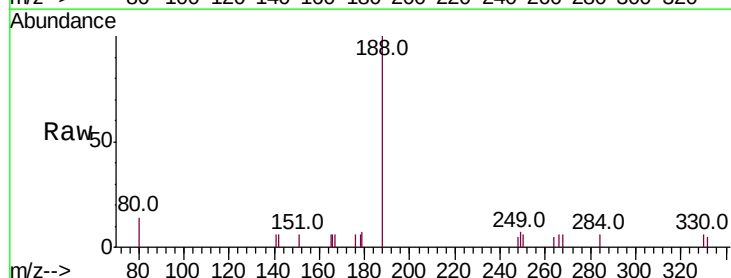


Time--> 12.60 12.70 12.80

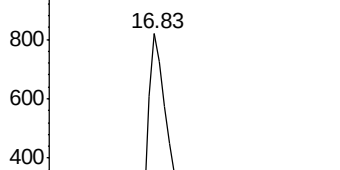


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.83 min Scan# 1549
Delta R.T. 0.05 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

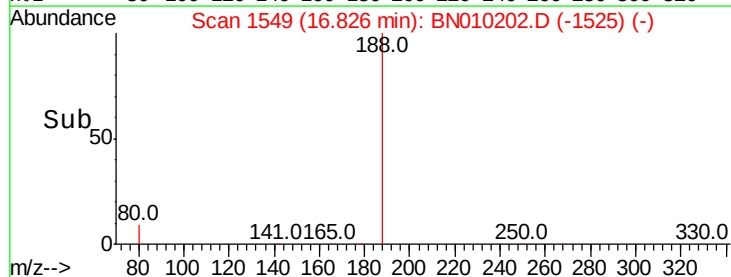
Tgt Ion:188 Resp: 3163
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 8.3 12.5#

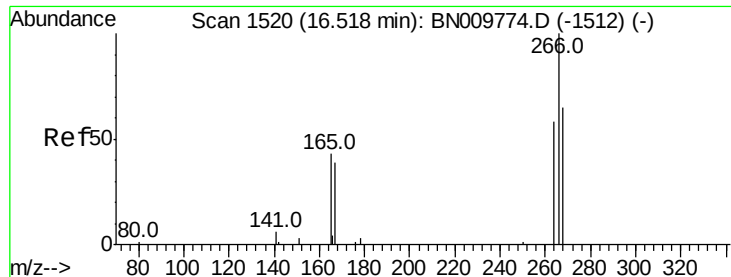


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC



Time--> 16.80 17.00

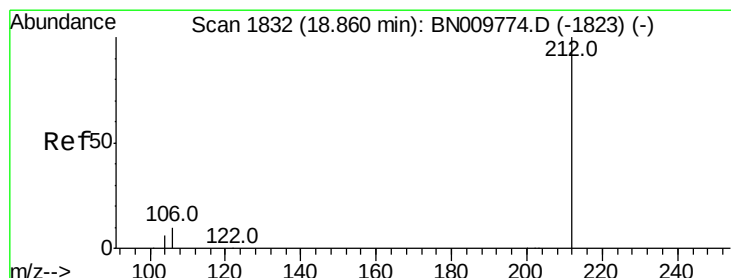
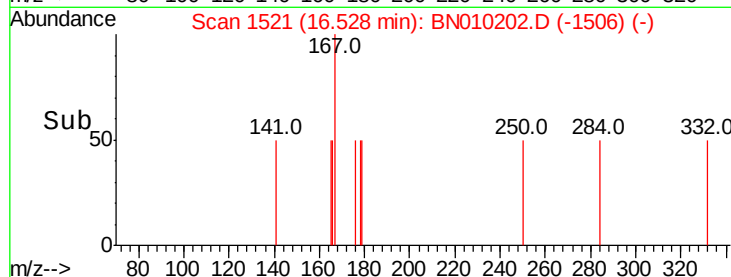
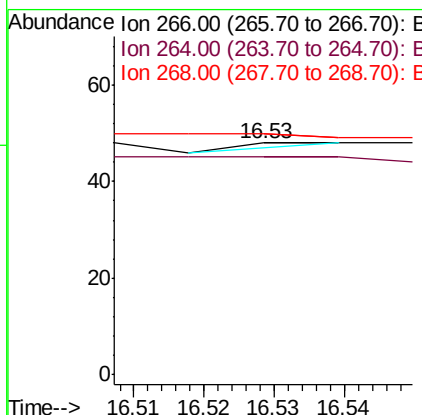
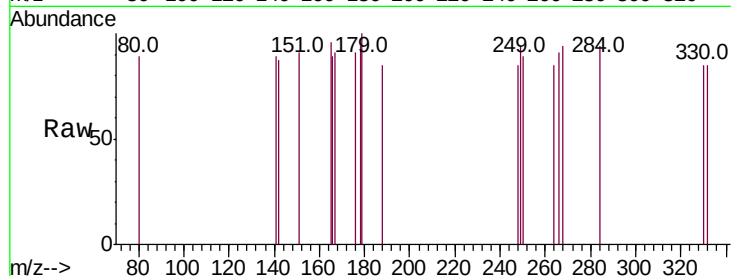




#22
 Pentachlorophenol
 Concen: 0.180 ng
 RT: 16.53 min Scan# 1521
 Delta R.T. 0.06 min
 Lab File: BN010202.D
 Acq: 11 Mar 2020 21:10

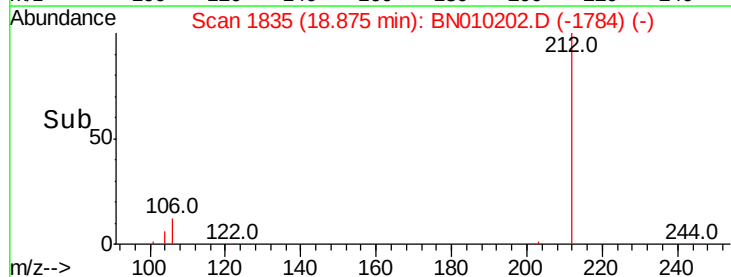
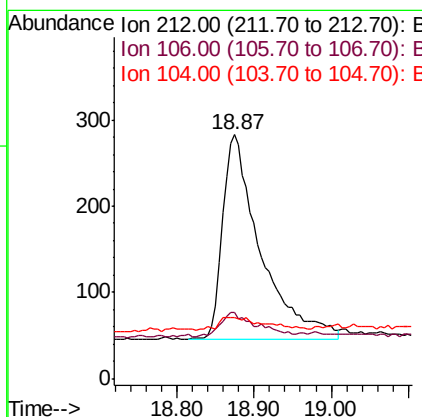
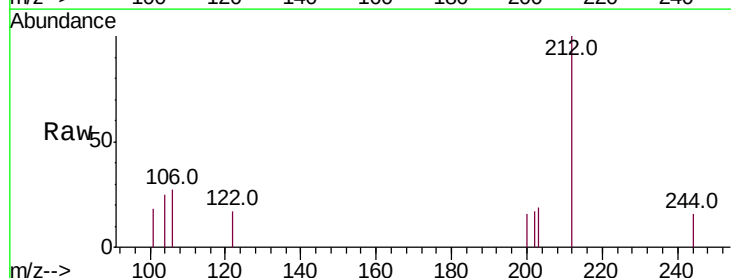
Instrument :
 BNA_N
 ClientSampleId :

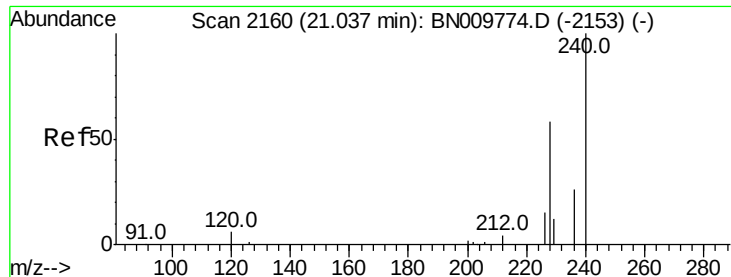
Tot Ion:266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 93.8 58.1 87.1#
 268 104.2 65.7 98.5#



#25
 Fluoranthene-d10
 Concen: 0.073 ng
 RT: 18.87 min Scan# 1835
 Delta R.T. 0.05 min
 Lab File: BN010202.D
 Acq: 11 Mar 2020 21:10

Tgt Ion:212 Resp: 803
 Ion Ratio Lower Upper
 212 100
 106 8.3 8.4 12.6#
 104 9.0 4.8 7.2#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. 0.02 min

Lab File: BN010202.D

Acq: 11 Mar 2020 21:10

Instrument :

BNA_N

ClientSampleId :

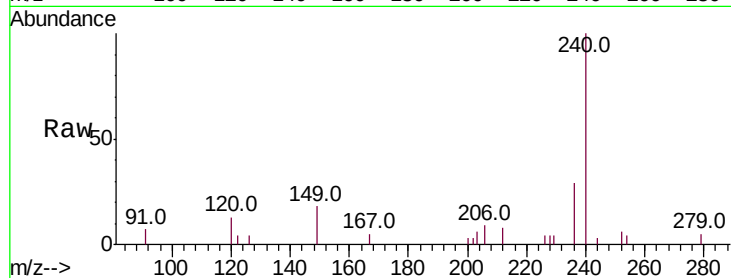
Tot Ion:240 Resp: 3701

Ion Ratio Lower Upper

240 100

120 13.4 7.9 11.9#

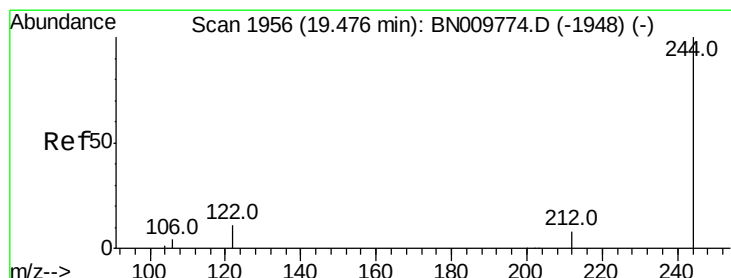
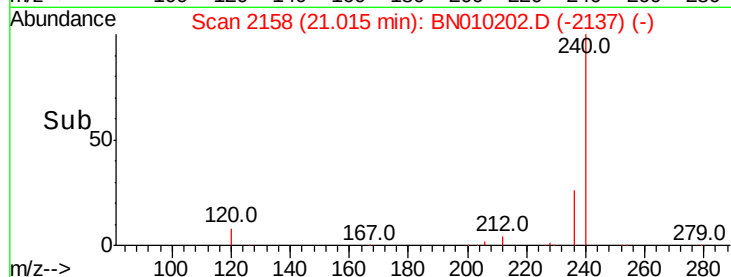
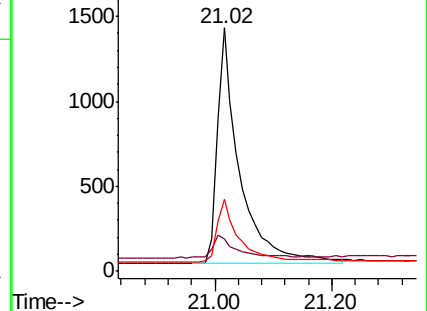
236 29.4 22.0 33.0



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: 0.075 ng

RT: 19.46 min Scan# 1953

Delta R.T. 0.03 min

Lab File: BN010202.D

Acq: 11 Mar 2020 21:10

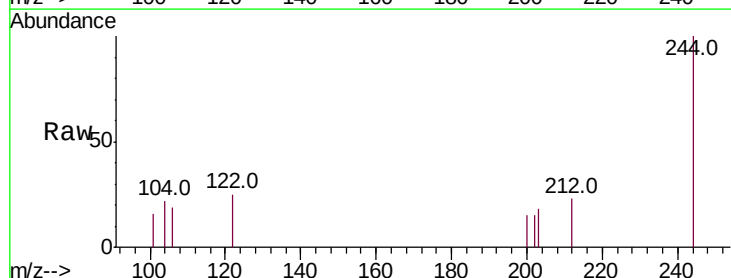
Tgt Ion:244 Resp: 662

Ion Ratio Lower Upper

244 100

212 22.9 8.0 12.0#

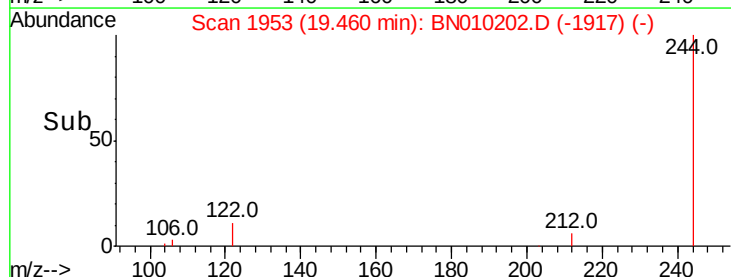
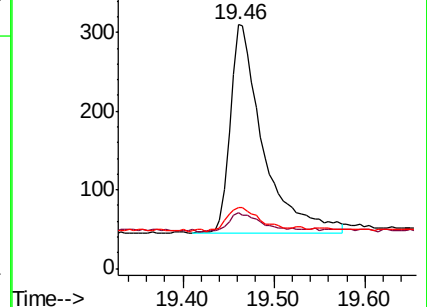
122 25.2 10.0 15.0#

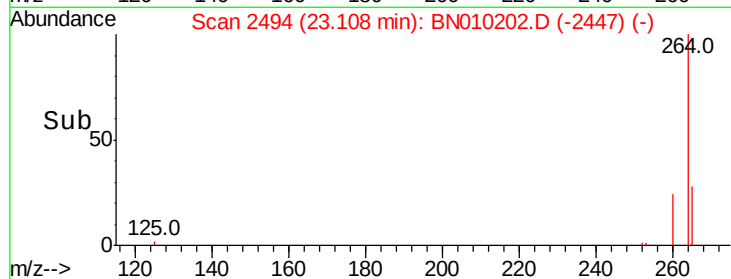
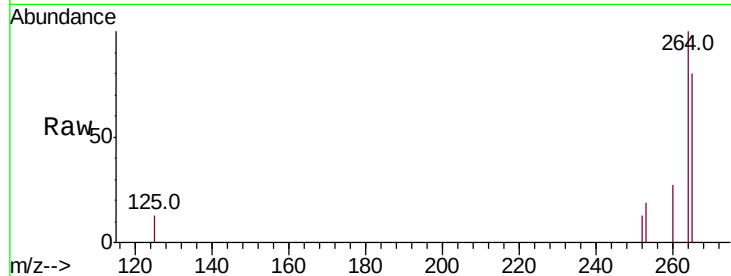
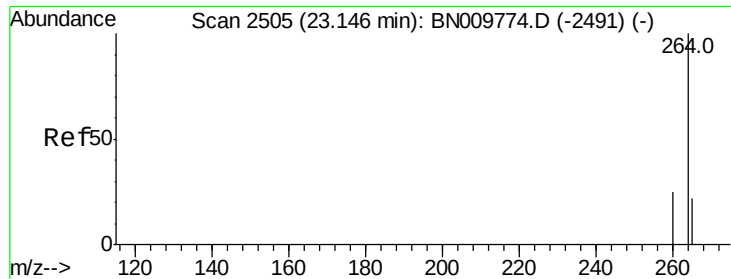


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BN010202.D

Acq: 11 Mar 2020 21:10

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 3533

Ion Ratio Lower Upper

264 100

260 27.0 21.1 31.7

265 80.4 57.5 86.3

