

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010196.D
 Acq On : 11 Mar 2020 17:35
 Operator : CG/JU
 Sample : L1842-11DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 07:15:30 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	7.40	152	763	0.40	ng	0.04
7) Naphthalene-d8	10.19	136	2411	0.40	ng	0.08
13) Acenaphthene-d10	14.02	164	1733	0.40	ng	0.02
19) Phenanthrene-d10	16.80	188	3398	0.40	ng	0.03
27) Chrysene-d12	21.00	240	3600	0.40	ng	0.01
34) Perylene-d12	23.10	264	3803	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	50	0.03	ng	0.07
5) Phenol-d6	6.58	99	3	0.00	ng	-0.02
8) Nitrobenzene-d5	8.57	82	5	0.00	ng	0.01
11) 2-Methylnaphthalene-d10	11.81	152	510	0.11	ng	0.08
14) 2,4,6-Tribromophenol	15.58	330	106	0.16	ng	0.04
15) 2-Fluorobiphenyl	12.68	172	786	0.12	ng	0.04
25) Fluoranthene-d10	18.84	212	1607	0.14	ng	0.02
29) Terphenyl-d14	19.44	244	1389	0.16	ng	0.00

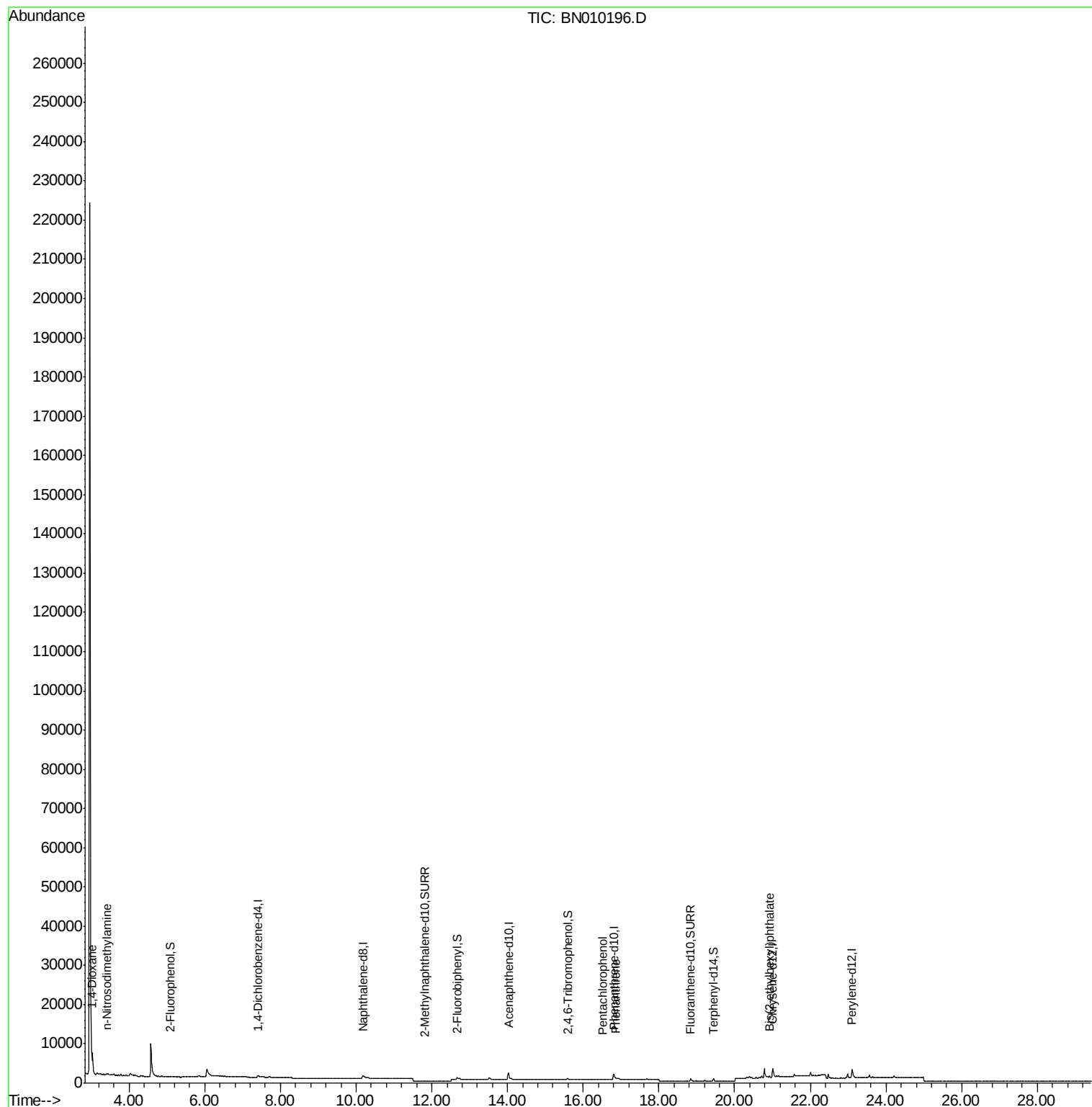
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.04	88	1855	2.374	ng	96
3) n-Nitrosodimethylamine	3.42	42	60	0.047	ng	# 1
22) Pentachlorophenol	16.52	266	9	0.191	ng	# 79
23) Phenanthrene	16.85	178	316	0.031	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	286	0.049	ng	93

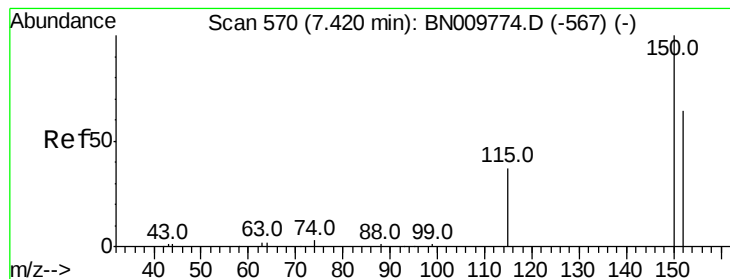
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010196.D
Acq On : 11 Mar 2020 17:35
Operator : CG/JU
Sample : L1842-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 12 07:15:30 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



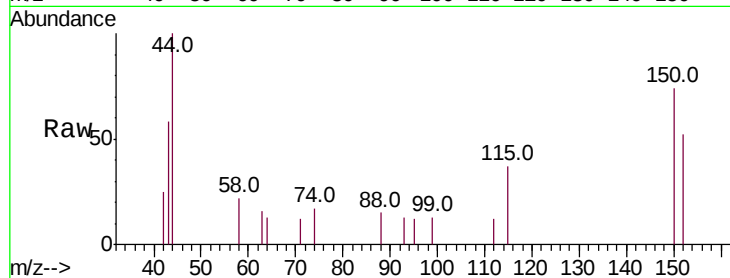


#1

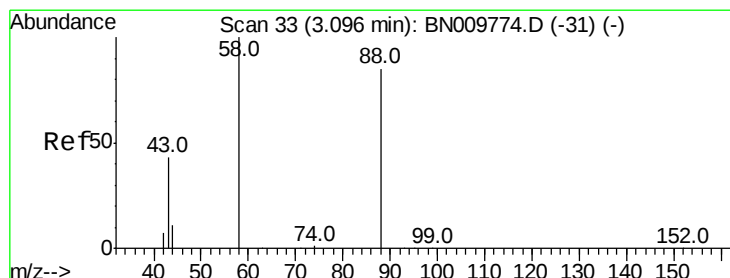
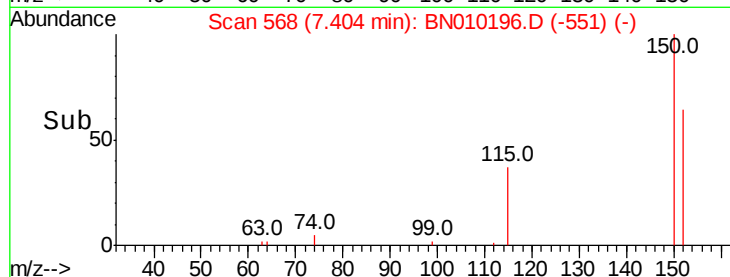
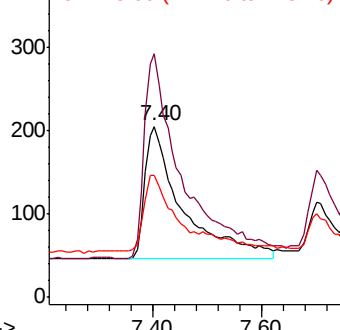
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.04 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 763
Ion Ratio Lower Upper
152 100
150 142.4 120.6 181.0
115 71.2 51.2 76.8



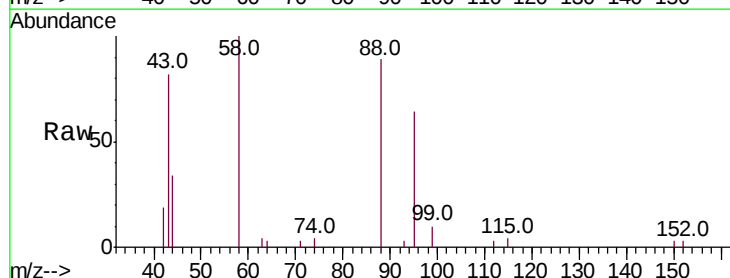
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



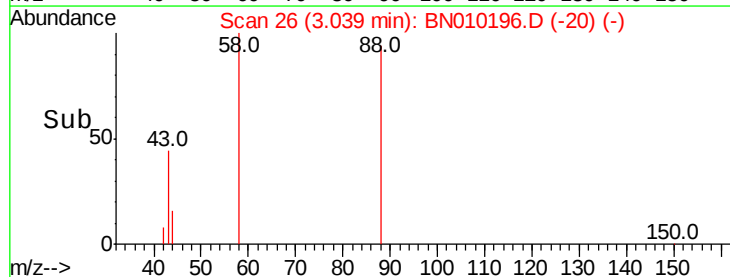
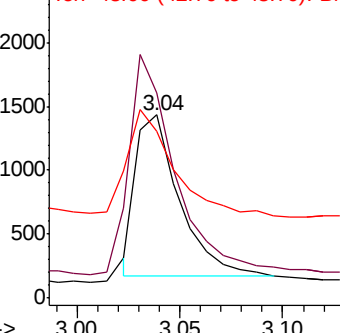
#2

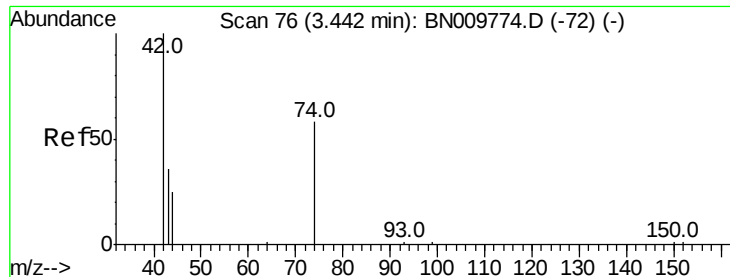
1,4-Dioxane
Concen: 2.374 ng
RT: 3.04 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion: 88 Resp: 1855
Ion Ratio Lower Upper
88 100
58 117.9 97.8 146.8
43 59.8 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



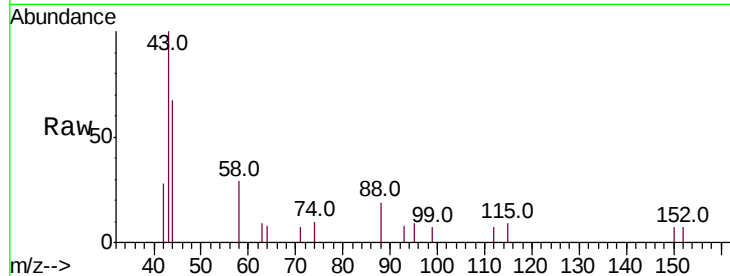


#3

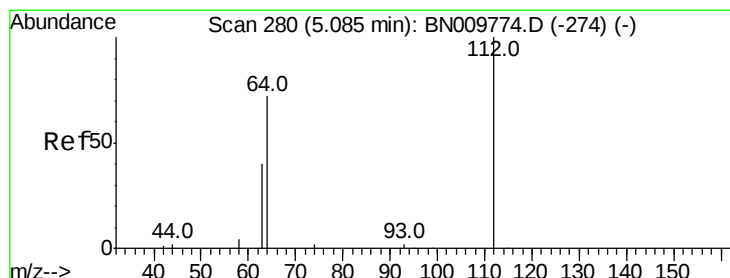
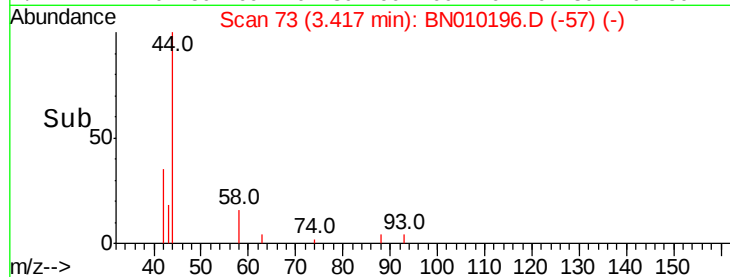
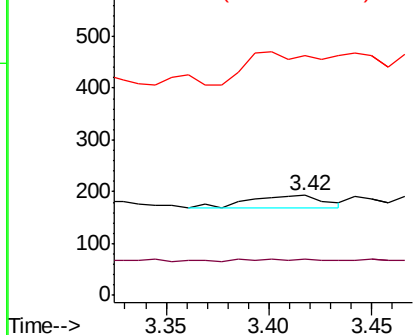
n-Nitrosodimethylamine
 Concen: 0.047 ng
 RT: 3.42 min Scan# 73
 Delta R.T. 0.03 min
 Lab File: BN010196.D
 Acq: 11 Mar 2020 17:35

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 60
 Ion Ratio Lower Upper
 42 100
 74 6.7 51.2 76.8#
 44 243.3 2.6 4.0#



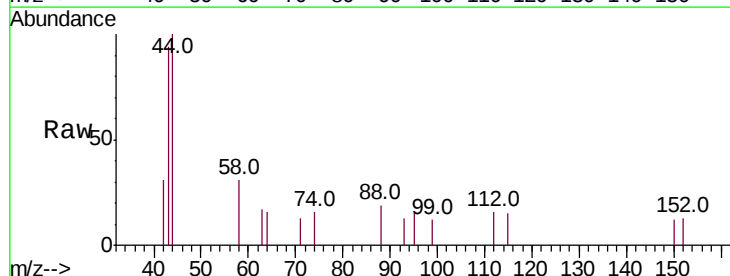
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



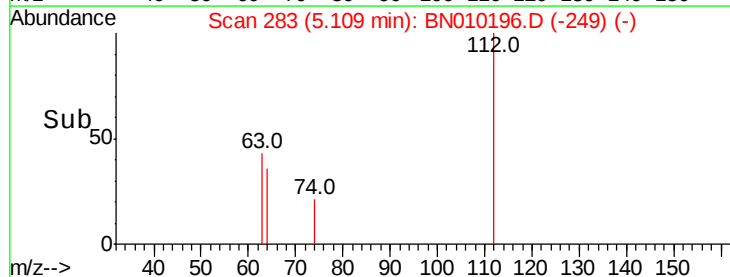
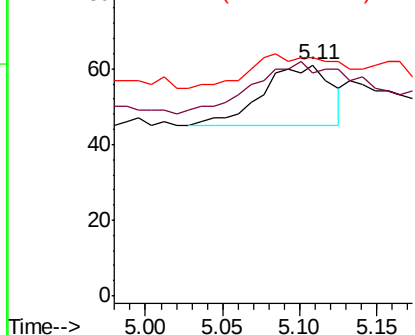
#4

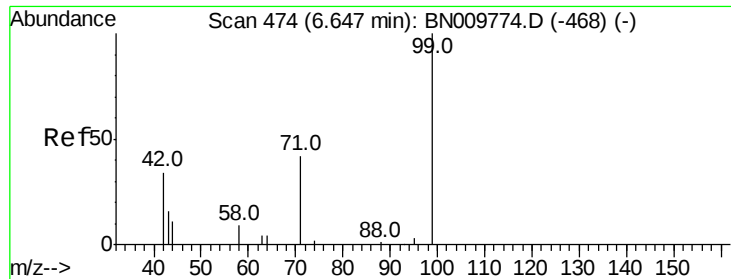
2-Fluorophenol
 Concen: 0.029 ng
 RT: 5.11 min Scan# 283
 Delta R.T. 0.07 min
 Lab File: BN010196.D
 Acq: 11 Mar 2020 17:35

Tgt Ion: 112 Resp: 50
 Ion Ratio Lower Upper
 112 100
 64 168.0 65.8 98.6#
 63 0.0 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: 0.001 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.02 min

Lab File: BN010196.D

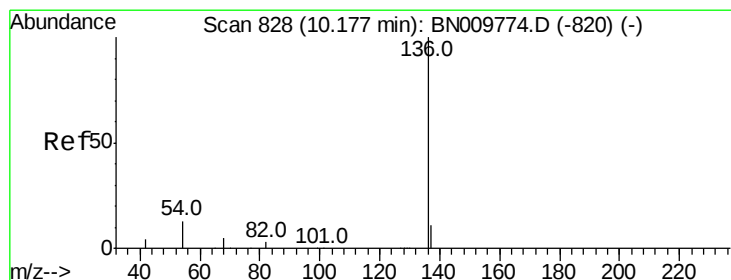
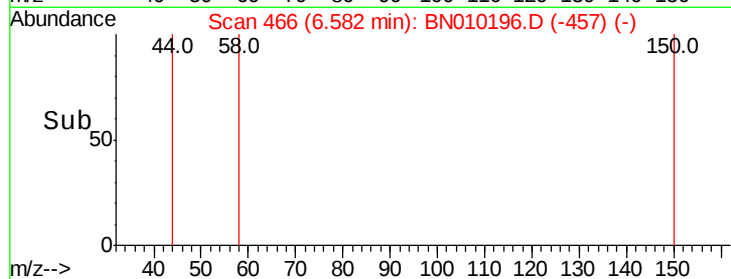
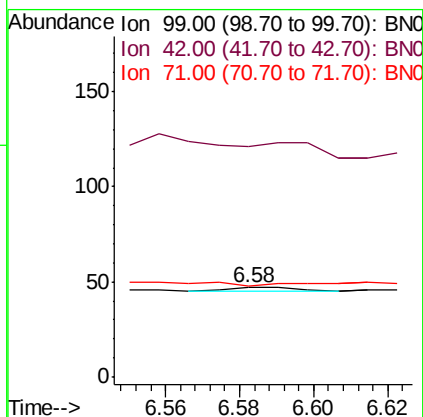
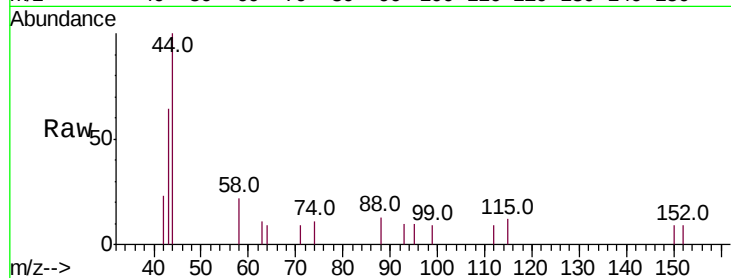
Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	99	Resp:	3
Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	0.0	34.9	52.3#



#7

Naphthalene-d8

Concen: 0.400 ng

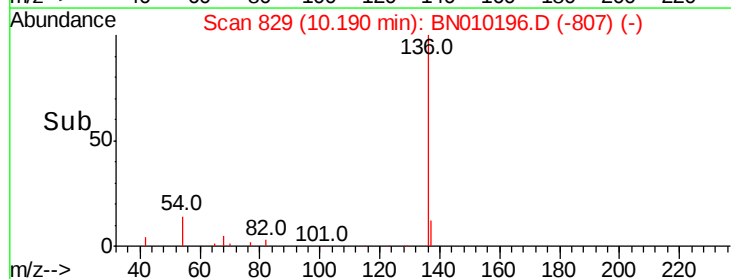
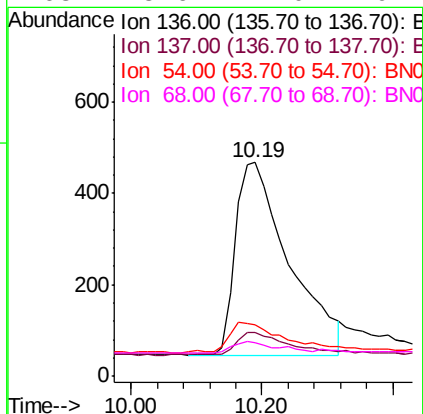
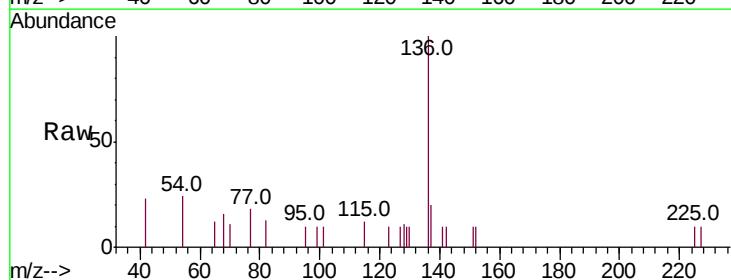
RT: 10.19 min Scan# 829

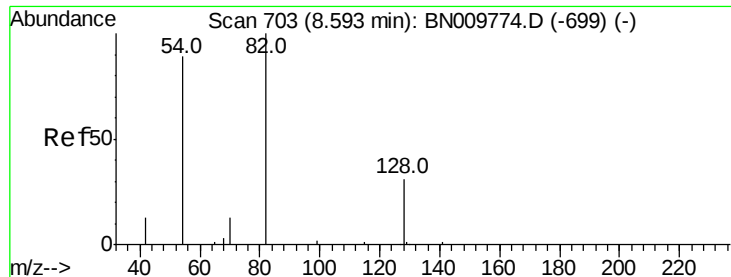
Delta R.T. 0.08 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Tgt Ion:	136	Resp:	2411
Ion	Ratio	Lower	Upper
136	100		
137	20.3	11.3	16.9#
54	23.9	13.4	20.2#
68	15.6	7.0	10.4#

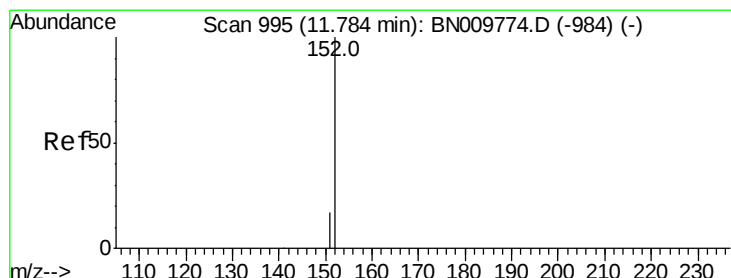
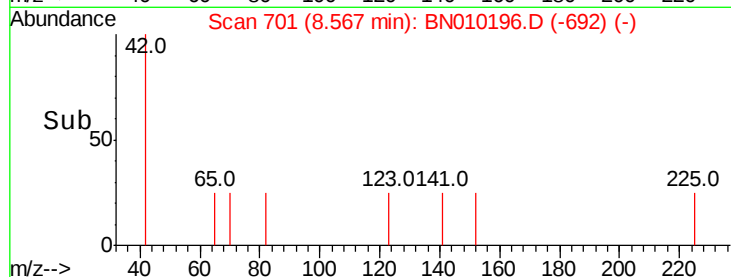
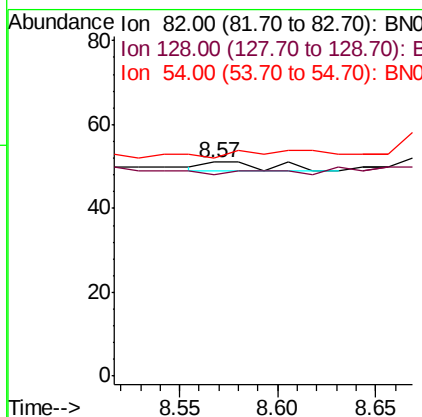
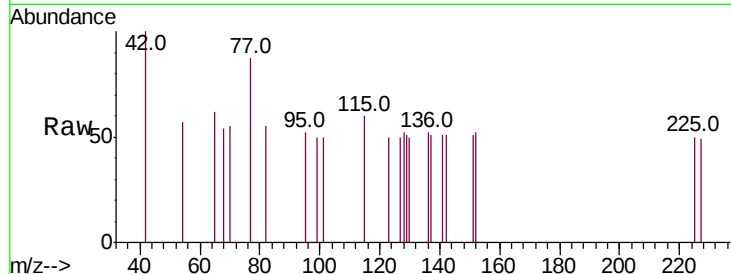




#8
 Nitrobenzene-d5
 Concen: 0.002 ng
 RT: 8.57 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BN010196.D
 Acq: 11 Mar 2020 17:35

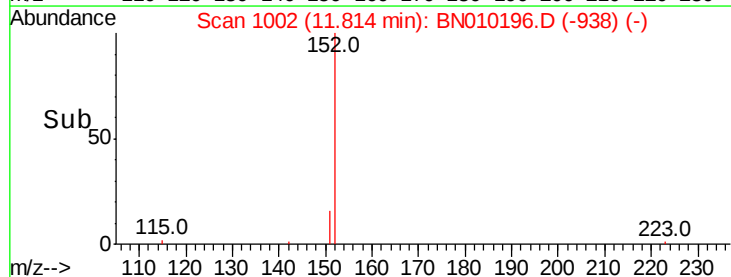
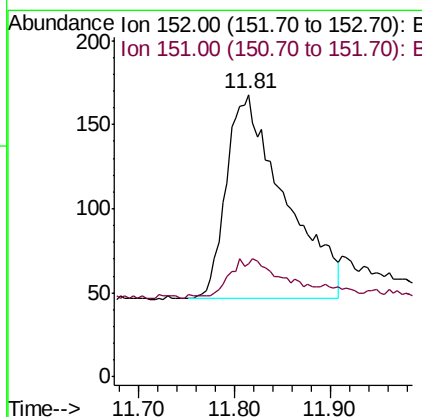
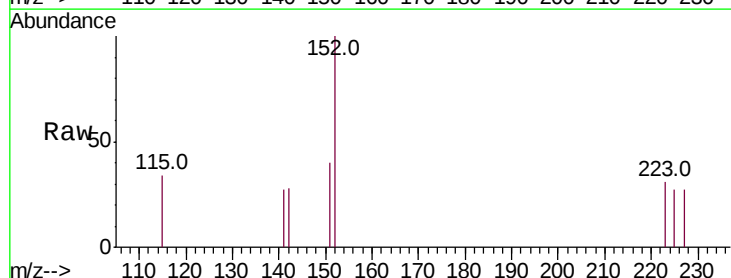
Instrument :
 BNA_N
 ClientSampleId :

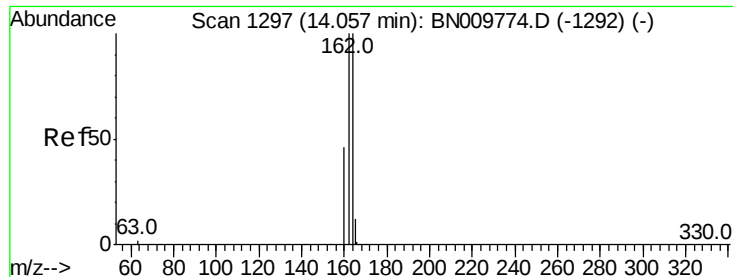
Tot Ion: 82 Resp: 5
 Ion Ratio Lower Upper
 82 100
 128 94.1 32.5 48.7#
 54 102.0 73.5 110.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.109 ng
 RT: 11.81 min Scan# 1002
 Delta R.T. 0.08 min
 Lab File: BN010196.D
 Acq: 11 Mar 2020 17:35

Tgt Ion: 152 Resp: 510
 Ion Ratio Lower Upper
 152 100
 151 15.9 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.02 min Scan# 1294

Delta R.T. 0.02 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

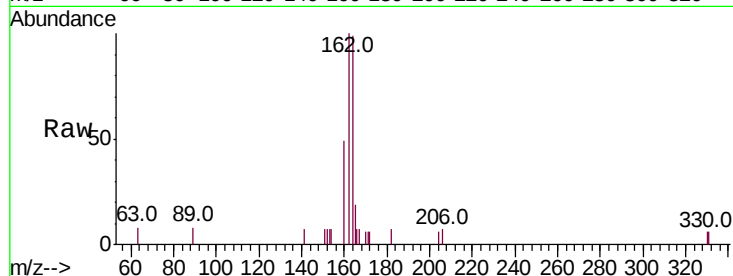
Tot Ion:164 Resp: 1733

Ion Ratio Lower Upper

164 100

162 101.3 79.9 119.9

160 49.8 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

14.02

600

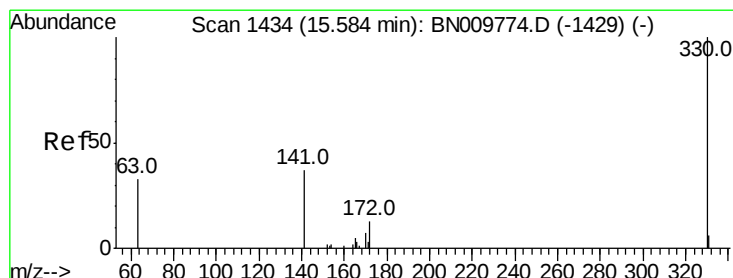
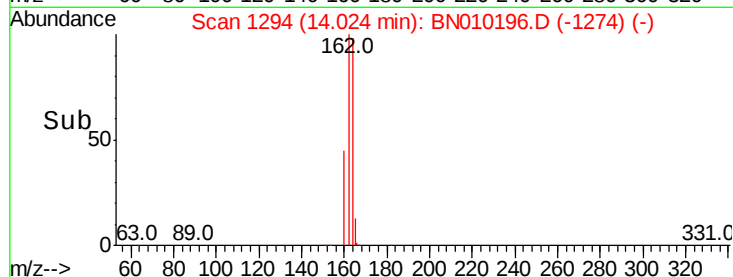
400

200

0

14.00 14.20

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.159 ng

RT: 15.58 min Scan# 1434

Delta R.T. 0.04 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

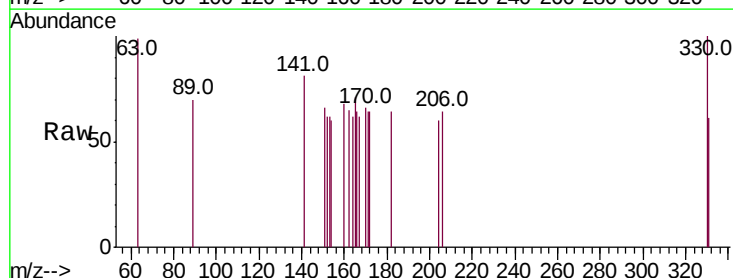
Tgt Ion:330 Resp: 106

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 54.7 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

15.58

100

80

60

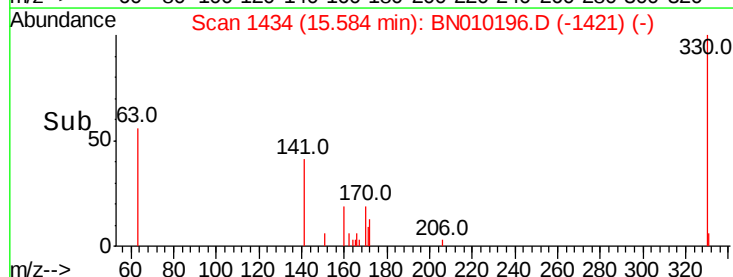
40

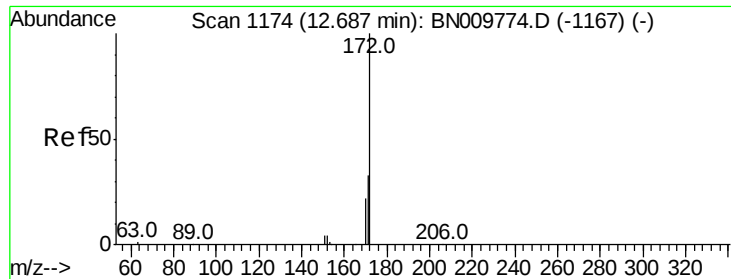
20

0

15.50 15.60 15.70

Time-->

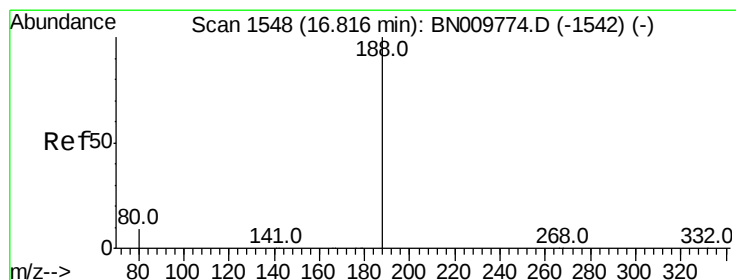
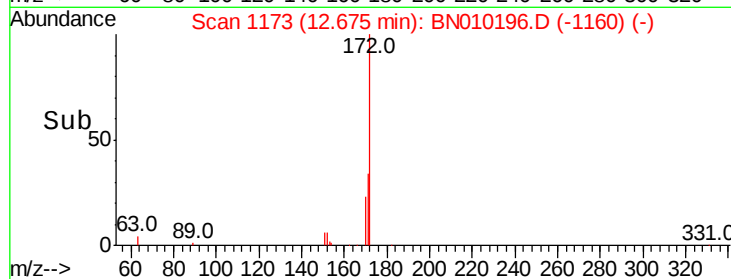
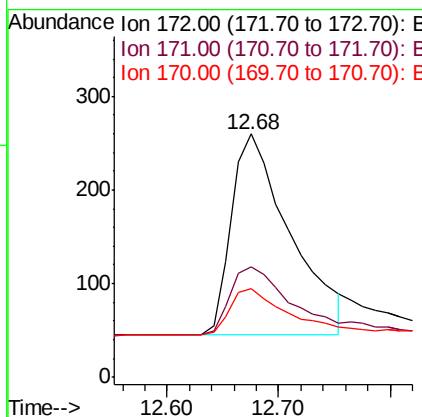
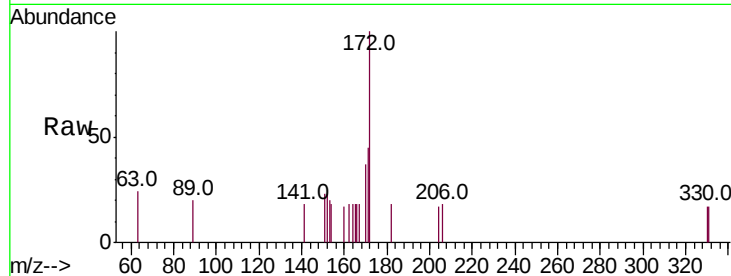




#15
 2-Fluorobiphenyl
 Concen: 0.120 ng
 RT: 12.68 min Scan# 1173
 Delta R.T. 0.04 min
 Lab File: BN010196.D
 Acq: 11 Mar 2020 17:35

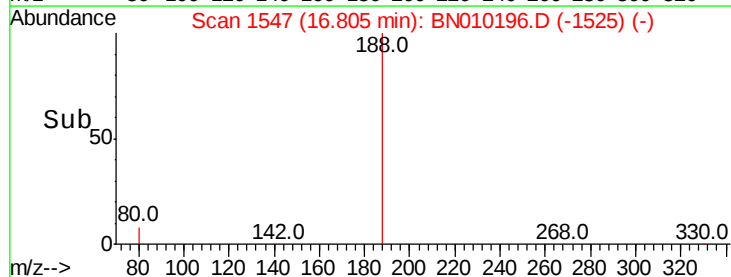
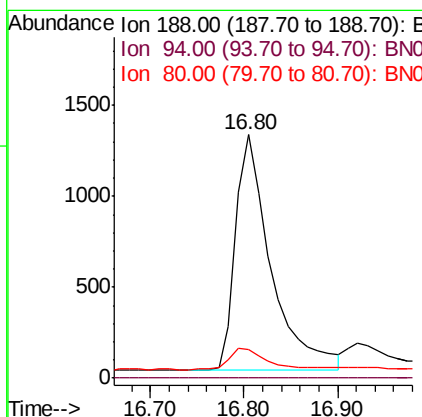
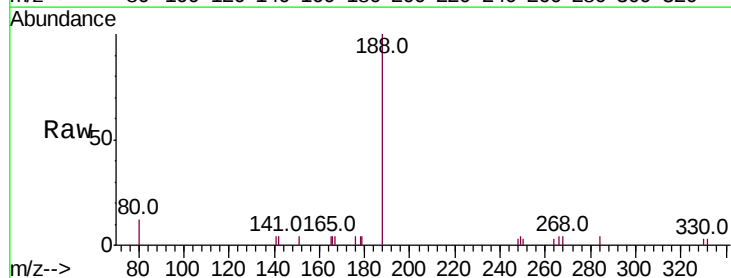
Instrument :
 BNA_N
 ClientSampleId :

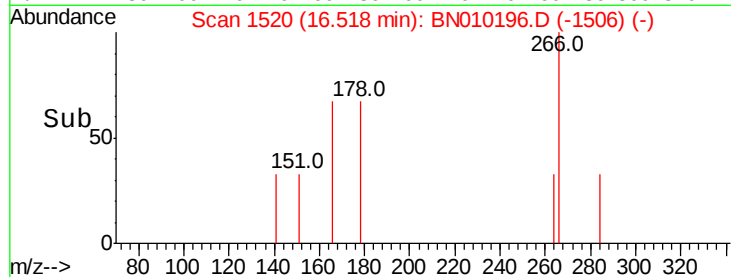
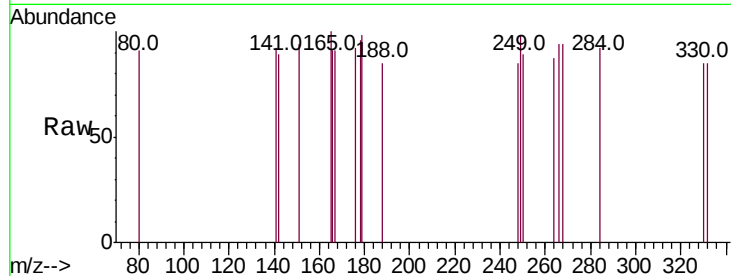
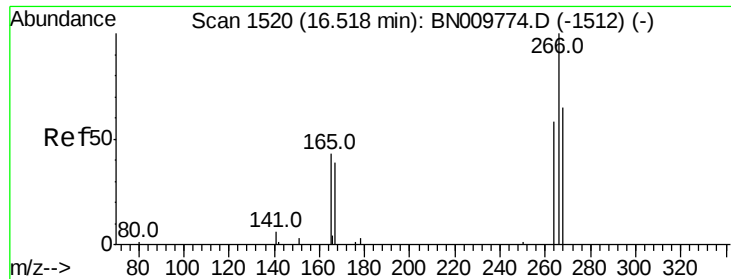
Tot Ion:172 Resp: 786
 Ion Ratio Lower Upper
 172 100
 171 45.4 28.7 43.1#
 170 36.5 20.1 30.1#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.80 min Scan# 1547
 Delta R.T. 0.03 min
 Lab File: BN010196.D
 Acq: 11 Mar 2020 17:35

Tgt Ion:188 Resp: 3398
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 11.6 8.3 12.5





#22

Pentachlorophenol

Concen: 0.191 ng

RT: 16.52 min Scan# 1520

Delta R.T. 0.05 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

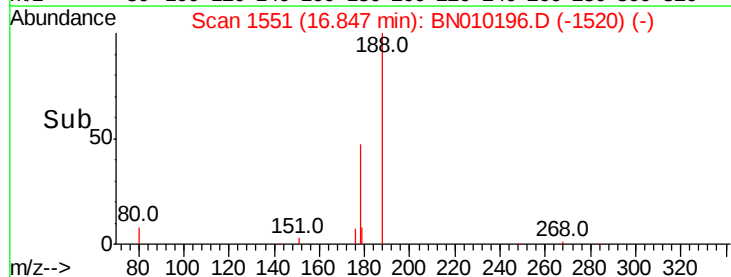
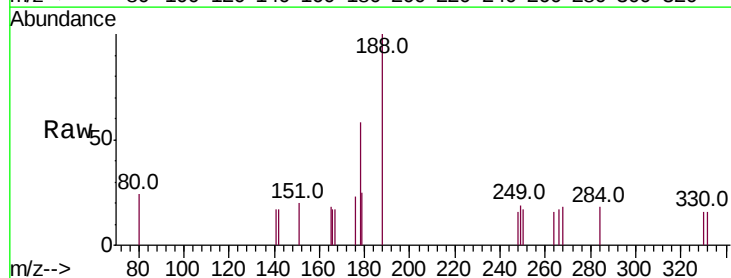
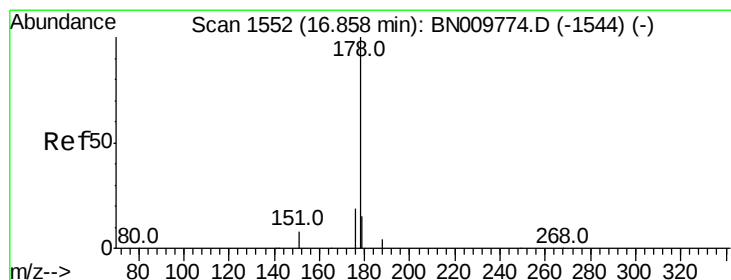
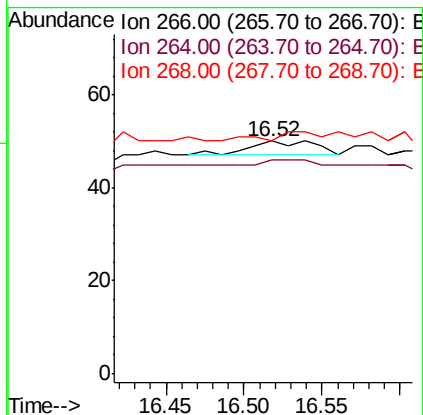
Tot Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 92.0 58.1 87.1#

268 100.0 65.7 98.5#



#23

Phenanthrene

Concen: 0.031 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.03 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

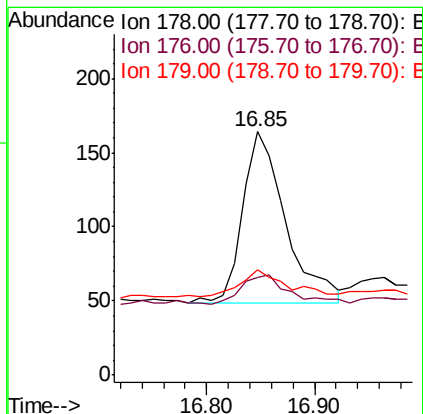
Tgt Ion:178 Resp: 316

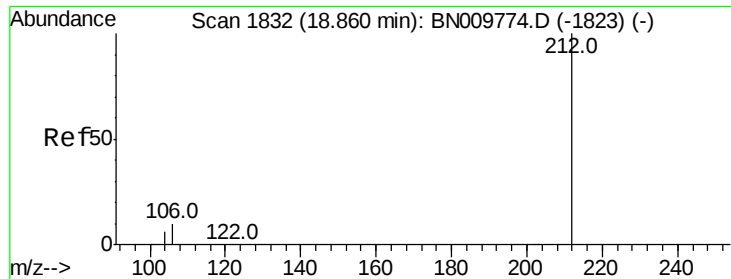
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 16.8 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.137 ng

RT: 18.84 min Scan# 1828

Delta R.T. 0.02 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

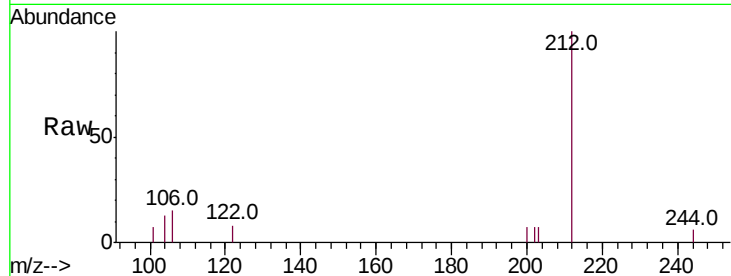
Tot Ion:212 Resp: 1607

Ion Ratio Lower Upper

212 100

106 10.2 8.4 12.6

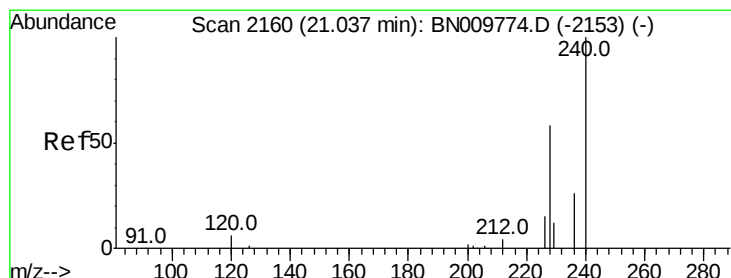
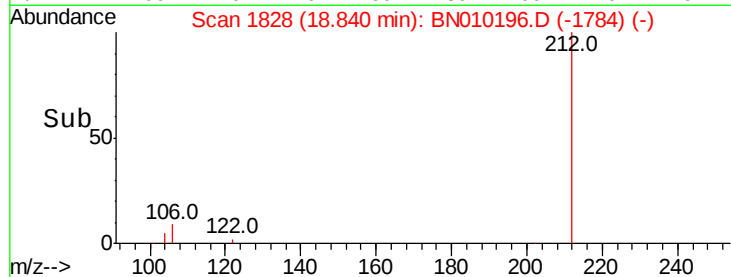
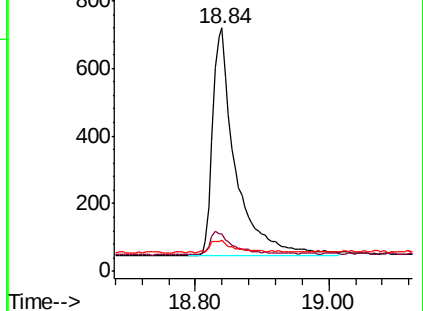
104 5.7 4.8 7.2



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: BN010196.D

Acq: 11 Mar 2020 17:35

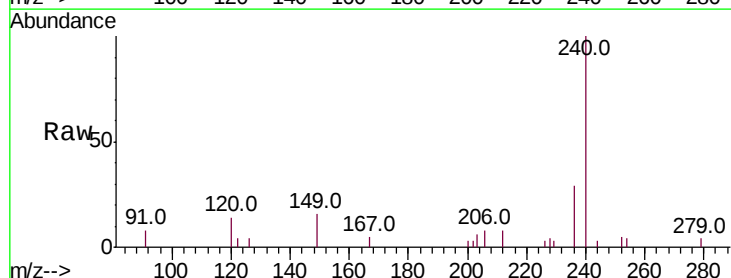
Tgt Ion:240 Resp: 3600

Ion Ratio Lower Upper

240 100

120 14.5 7.9 11.9#

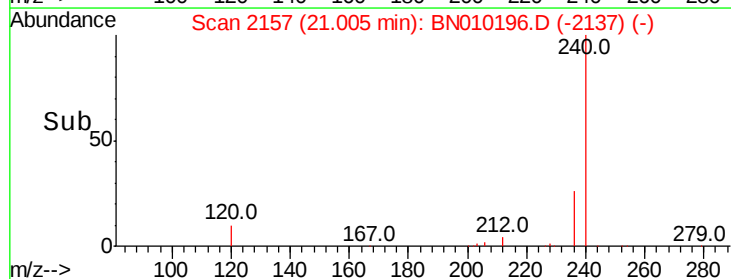
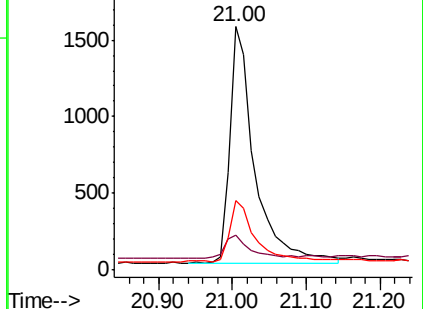
236 28.6 22.0 33.0

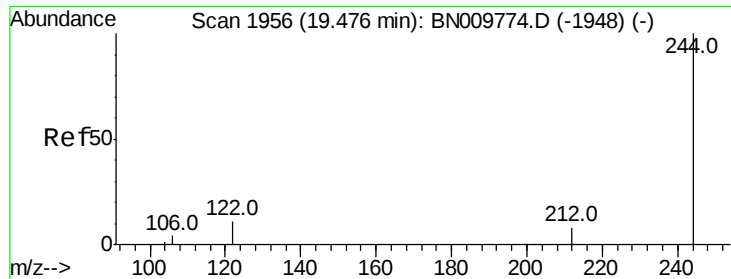


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.162 ng

RT: 19.44 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

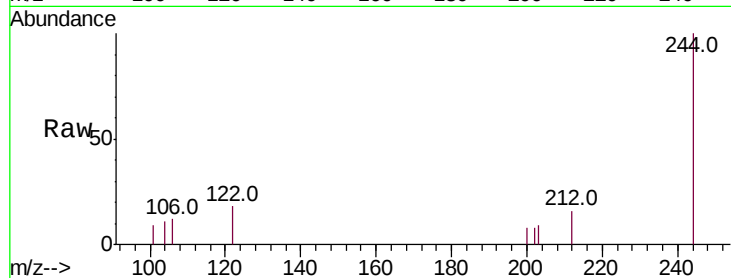
Tot Ion:244 Resp: 1389

Ion Ratio Lower Upper

244 100

212 16.3 8.0 12.0#

122 17.9 10.0 15.0#

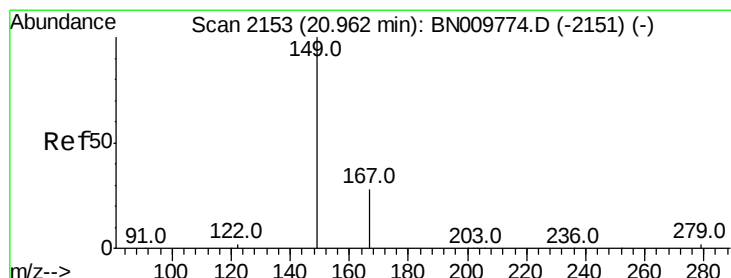
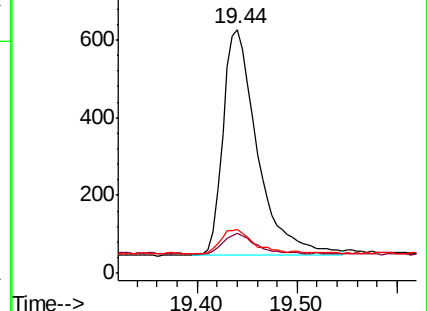
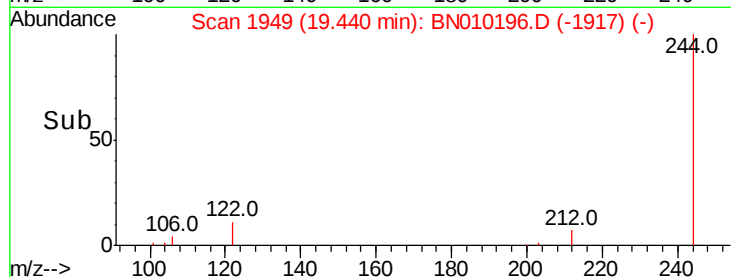


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.049 ng

RT: 20.92 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

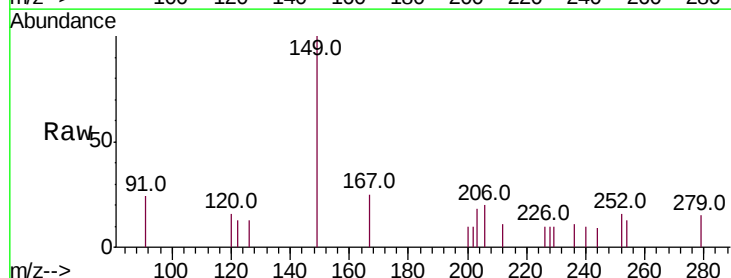
Tgt Ion:149 Resp: 286

Ion Ratio Lower Upper

149 100

167 24.5 22.7 34.1

279 4.2 3.1 4.7

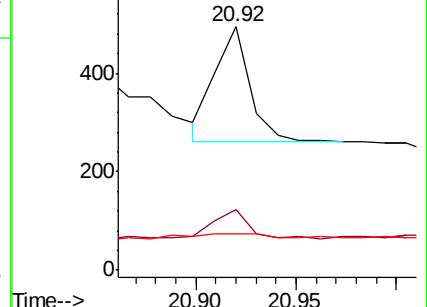
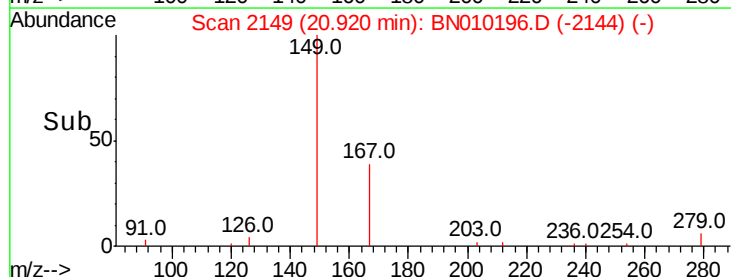


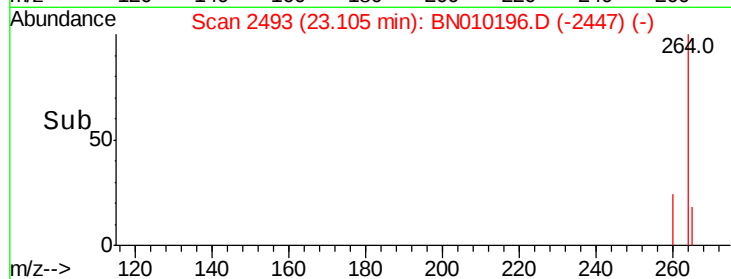
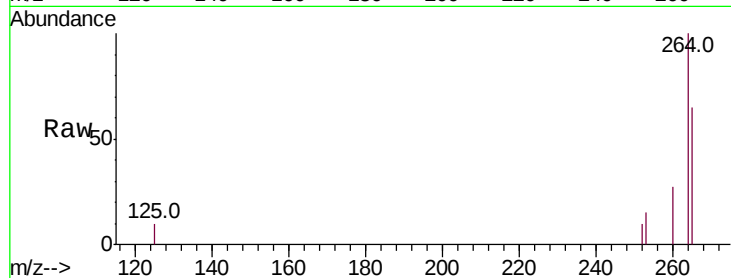
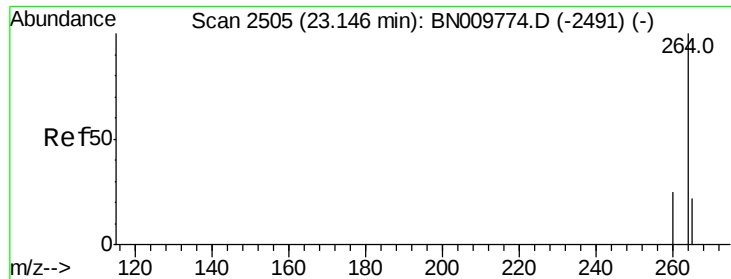
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 3803

Ion Ratio Lower Upper

264 100

260 26.6 21.1 31.7

265 65.1 57.5 86.3

