

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
 Data File : BN011396.D
 Acq On : 07 Aug 2020 13:52
 Operator : CG/JU
 Sample : L3570-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 07 14:28:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 12:17:46 2020
 Response via : Initial Calibration

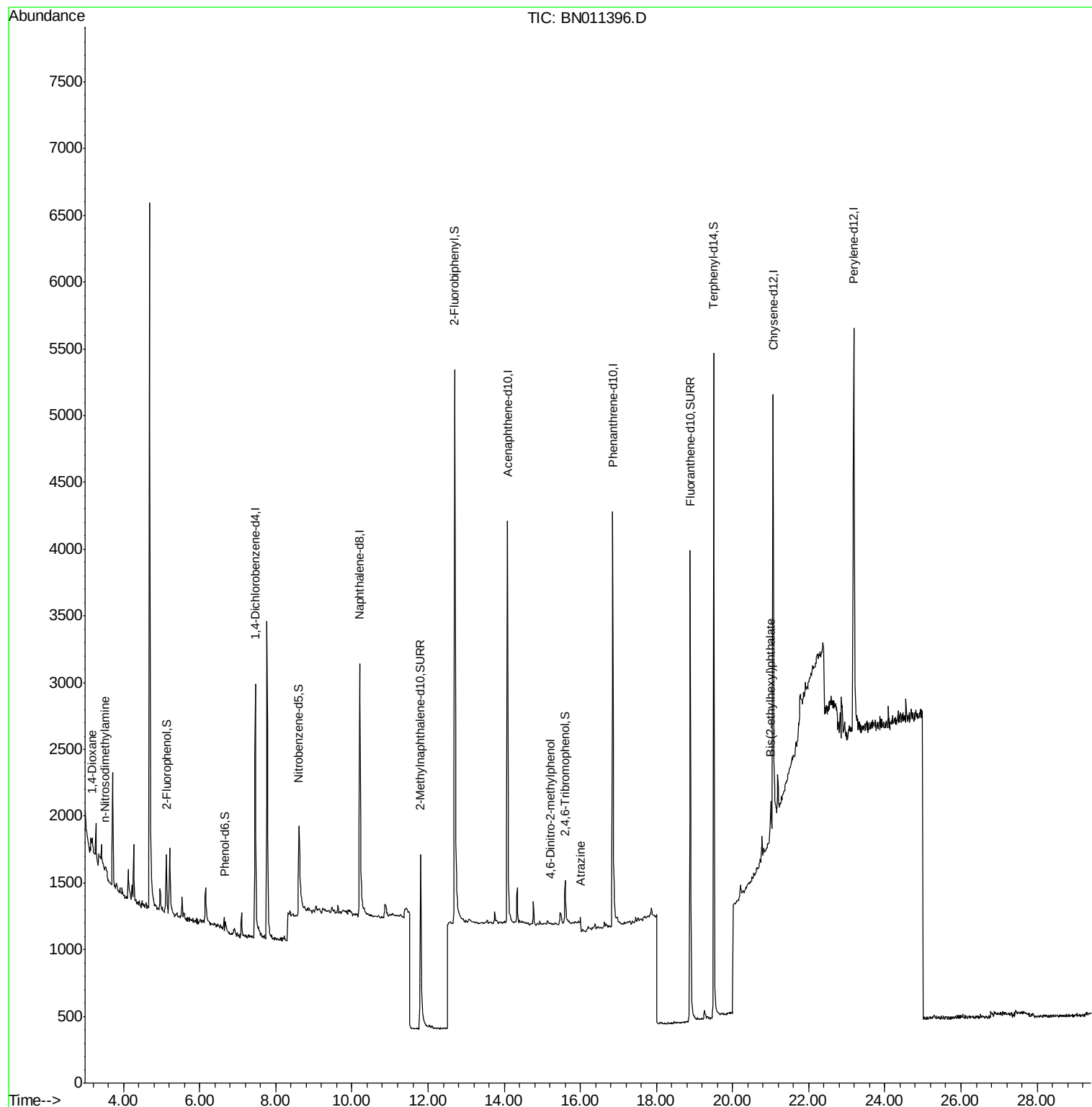
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1120	0.40	ng	0.00
7) Naphthalene-d8	10.20	136	3642	0.40	ng	-0.01
13) Acenaphthene-d10	14.09	164	2300	0.40	ng	0.00
19) Phenanthrene-d10	16.85	188	5444	0.40	ng	0.00
29) Chrysene-d12	21.07	240	4401	0.40	ng	0.00
36) Perylene-d12	23.18	264	4783	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	464	0.16	ng	0.00
5) Phenol-d6	6.68	99	244	0.07	ng	0.00
8) Nitrobenzene-d5	8.60	82	1219	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.80	152	2545	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.60	330	344	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.69	172	5262	0.53	ng	-0.01
27) Fluoranthene-d10	18.88	212	5145	0.31	ng	0.00
31) Terphenyl-d14	19.50	244	5890	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.17	88	125	0.079	ng	Qvalue # 74
3) n-Nitrosodimethylamine	3.51	42	35	0.043	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.22	198	1	0.195	ng	# 1
23) Atrazine	16.02	200	101	0.036	ng	# 6
34) Bis(2-ethylhexyl)phthalate	21.00	149	253	0.032	ng	98

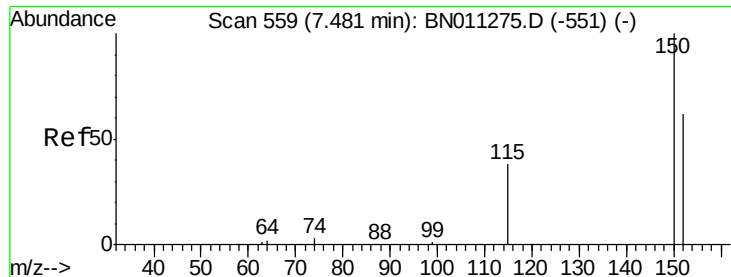
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 12:17:46 2020
Response via : Initial Calibration



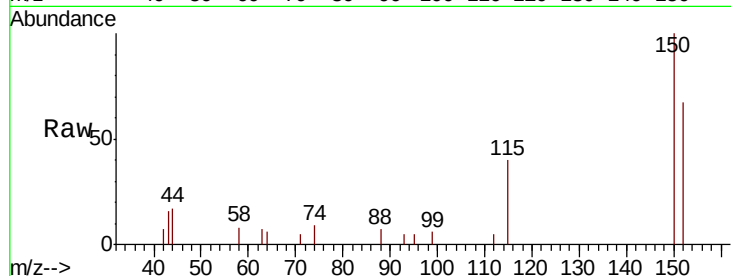


#1

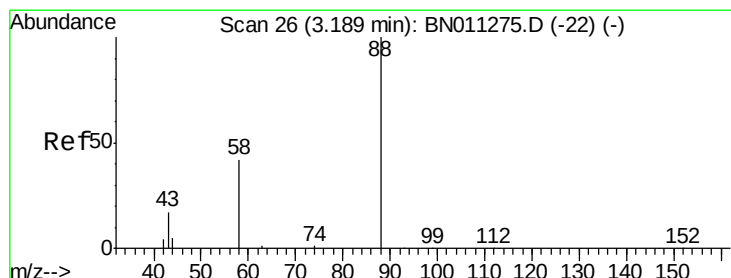
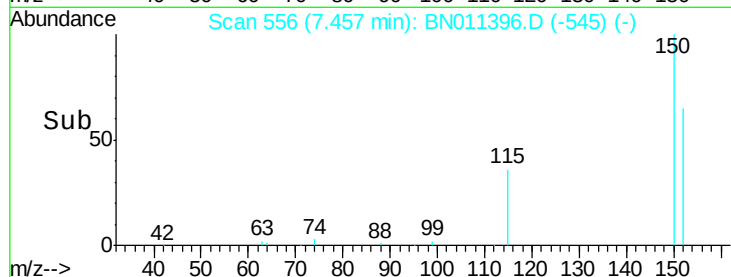
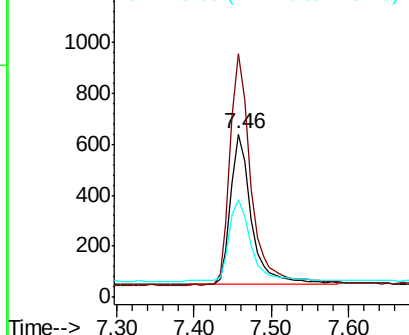
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.46 min Scan# 556
Delta R.T. -0.01 min
Lab File: BN011396.D
Acq: 07 Aug 2020 13:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1120
Ion Ratio Lower Upper
152 100
150 149.1 126.5 189.7
115 60.2 51.9 77.9



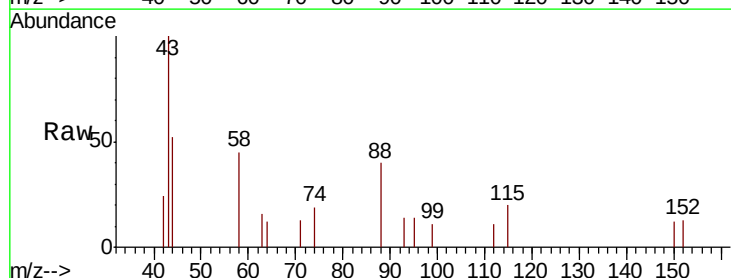
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



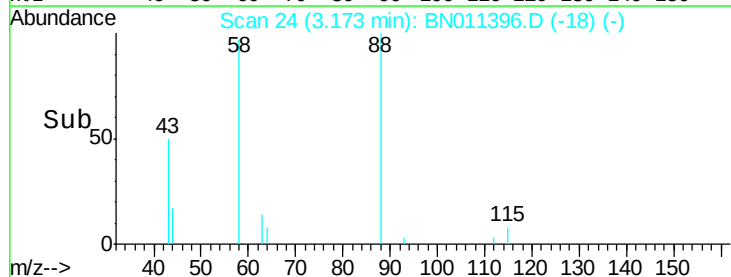
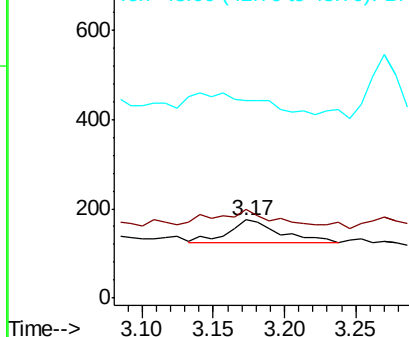
#2

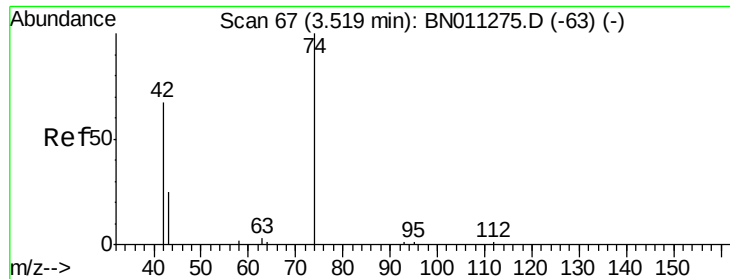
1,4-Dioxane
Concen: 0.079 ng
RT: 3.17 min Scan# 24
Delta R.T. 0.00 min
Lab File: BN011396.D
Acq: 07 Aug 2020 13:52

Tgt Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
58 57.6 36.5 54.7#
43 0.0 16.1 24.1#



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



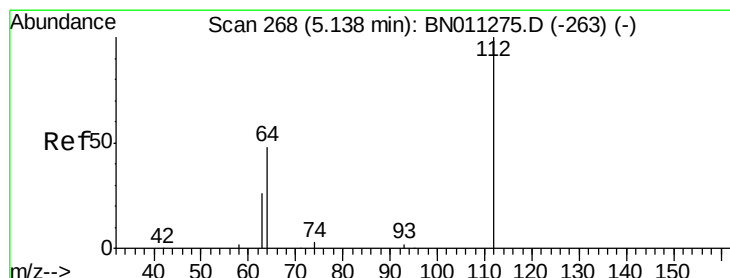
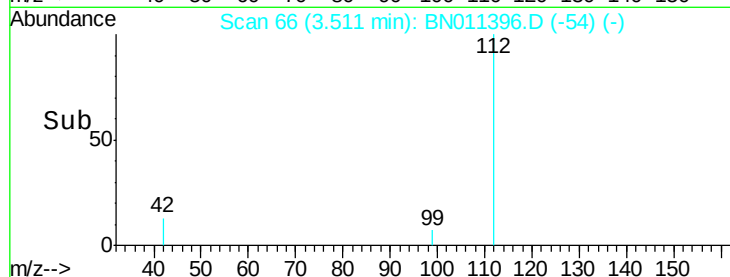
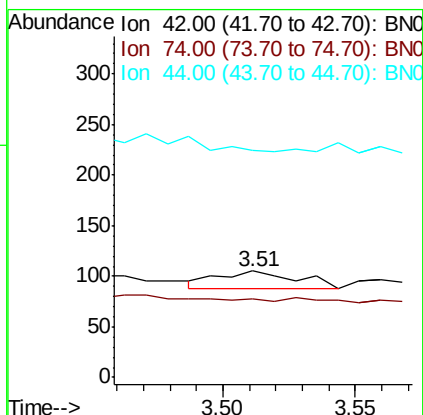
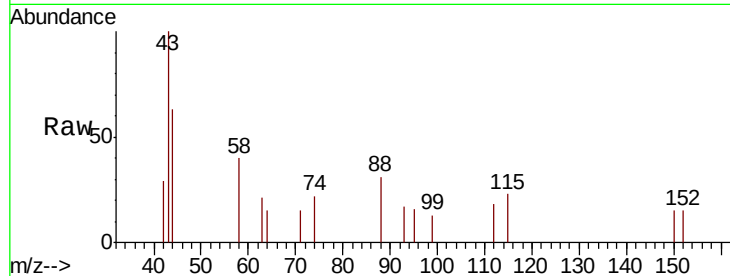


#3

n-Nitrosodimethylamine
 Concen: 0.043 ng
 RT: 3.51 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BN011396.D
 Acq: 07 Aug 2020 13:52

Instrument :
 BNA_N
 ClientSampleID :

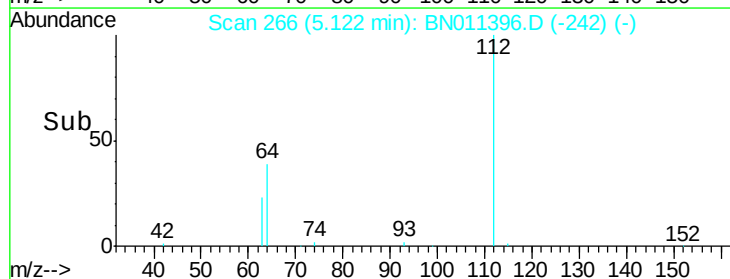
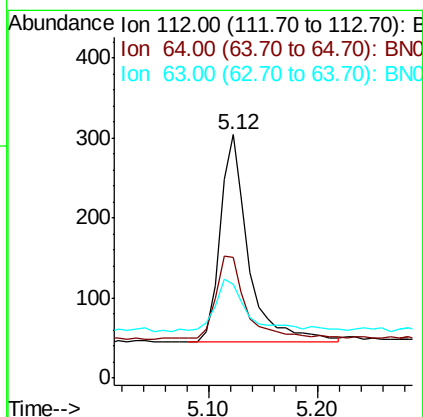
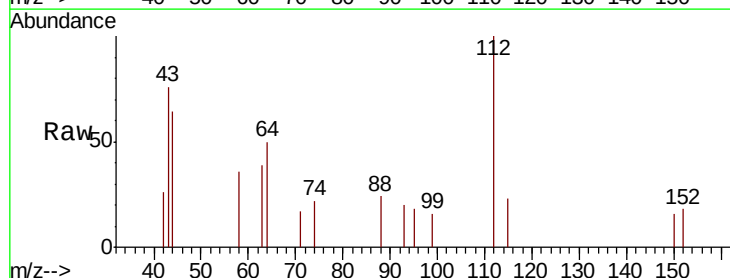
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	144.2	216.2#
44	0.0	11.1	16.7#

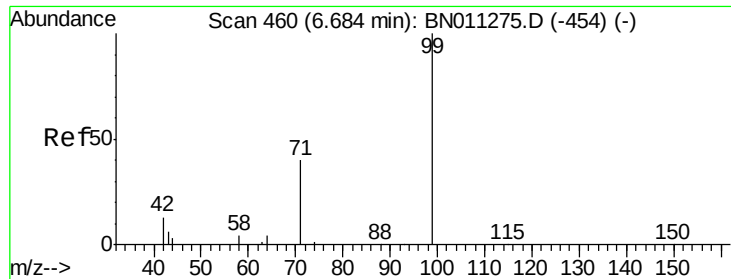


#4

2-Fluorophenol
 Concen: 0.158 ng
 RT: 5.12 min Scan# 266
 Delta R.T. -0.01 min
 Lab File: BN011396.D
 Acq: 07 Aug 2020 13:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.3	35.8	53.6
63	28.9	19.3	28.9





#5

Phenol-d6

Concen: 0.068 ng

RT: 6.68 min Scan# 459

Delta R.T. 0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Instrument :

BNA_N

ClientSampled :

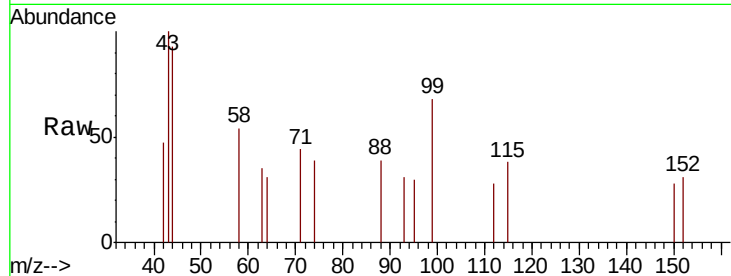
Tot Ion: 99 Resp: 244

Ion Ratio Lower Upper

99 100

42 7.8 11.2 16.8#

71 35.7 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BN011275.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN011275.D (-454) (-)

Ion 71.00 (70.70 to 71.70): BN011275.D (-454) (-)

6.68

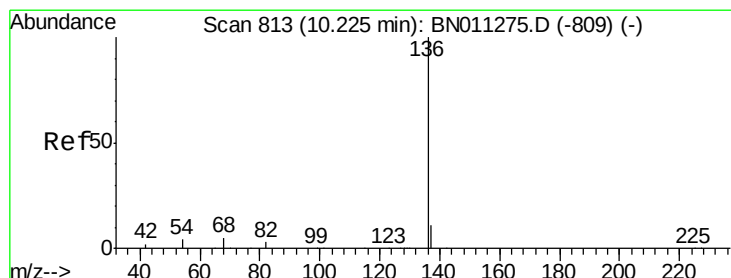
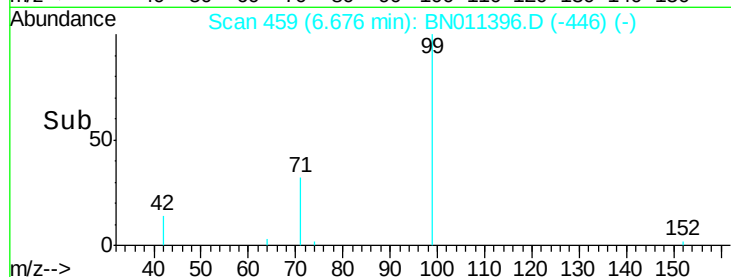
100

50

0

6.60 6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.20 min Scan# 811

Delta R.T. -0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Tgt Ion: 136 Resp: 3642

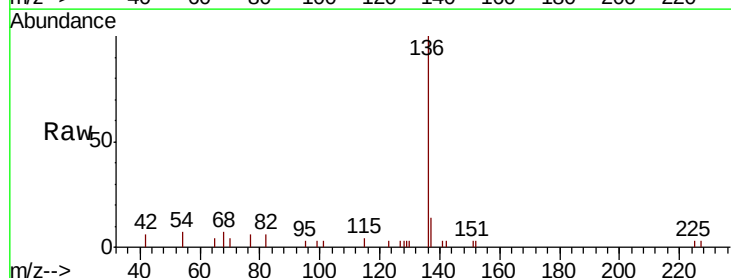
Ion Ratio Lower Upper

136 100

137 13.7 9.9 14.9

54 6.8 4.8 7.2

68 7.3 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BN011275.D (-809) (-)

Ion 137.00 (136.70 to 137.70): BN011275.D (-809) (-)

Ion 54.00 (53.70 to 54.70): BN011275.D (-809) (-)

Ion 68.00 (67.70 to 68.70): BN011275.D (-809) (-)

10.20

2000

1500

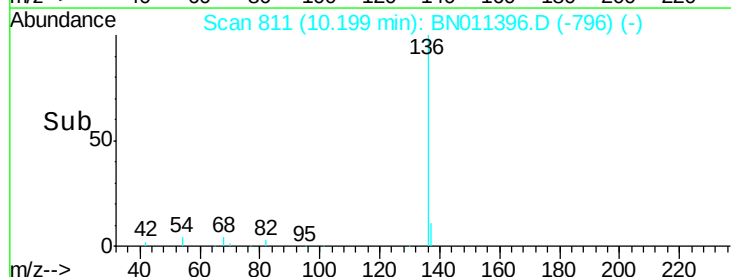
1000

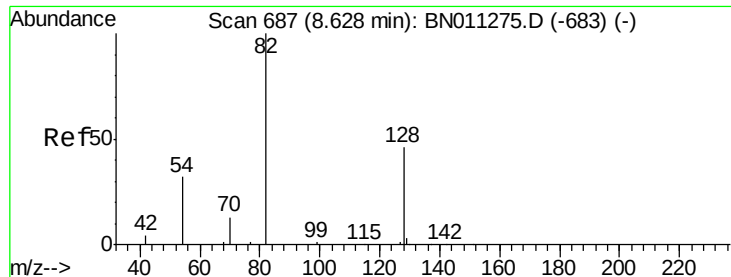
500

0

10.10 10.20 10.30 10.40

Time-->

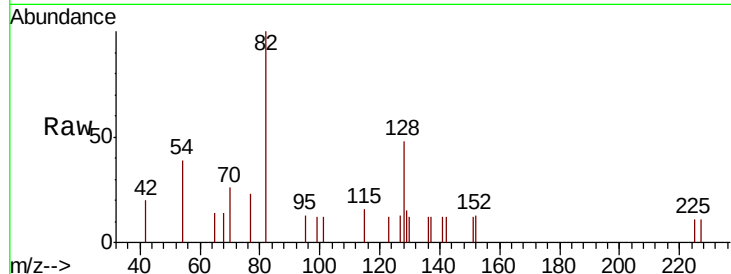




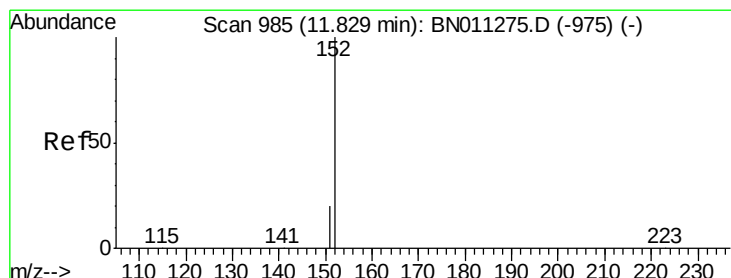
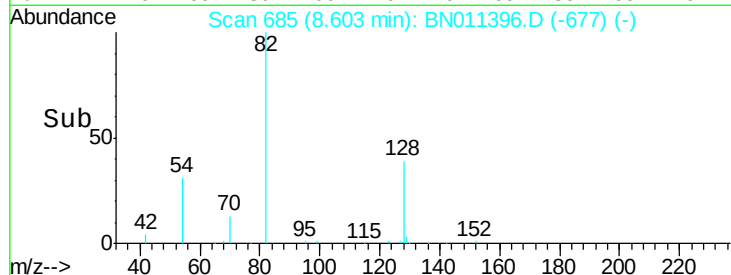
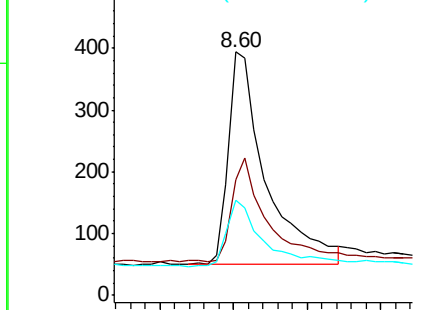
#8
 Nitrobenzene-d5
 Concen: 0.375 ng
 RT: 8.60 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BN011396.D
 Acq: 07 Aug 2020 13:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	82	Resp	1219
Ion Ratio	100	Lower	Upper
128	47.7	40.1	60.1
54	38.8	29.0	43.6

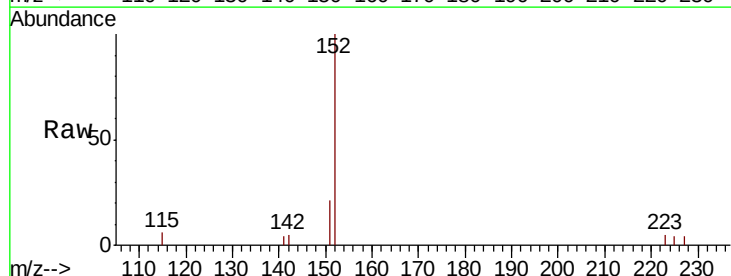


Abundance Ion 82.00 (81.70 to 82.70): BN011275.D (-683) (-)

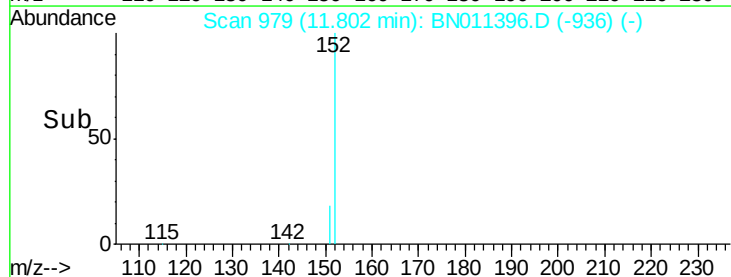
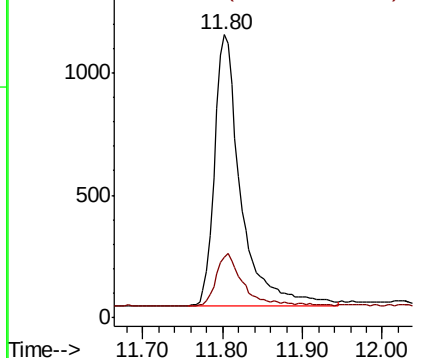


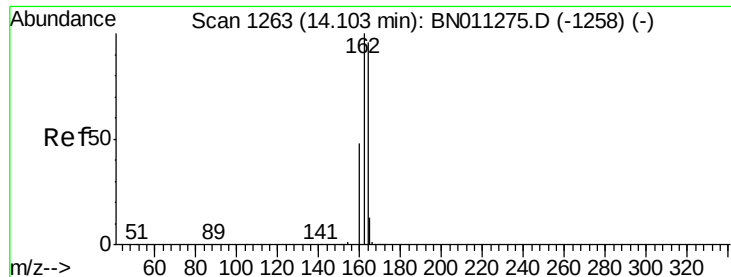
#11
 2-Methylnaphthalene-d10
 Concen: 0.383 ng
 RT: 11.80 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BN011396.D
 Acq: 07 Aug 2020 13:52

Tgt Ion	152	Resp	2545
Ion Ratio	100	Lower	Upper
151	19.4	16.6	24.8



Abundance Ion 152.00 (151.70 to 152.70): BN011275.D (-975) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Instrument :

BNA_N

ClientSampleId :

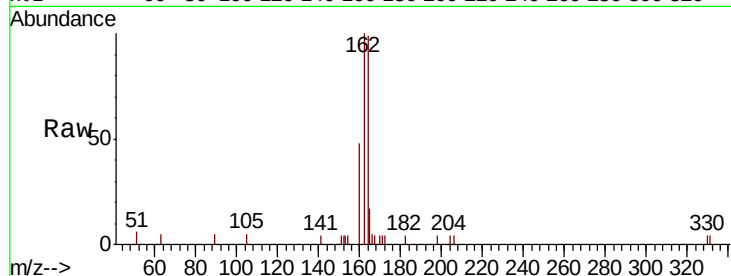
Tot Ion:164 Resp: 2300

Ion Ratio Lower Upper

164 100

162 100.6 83.6 125.4

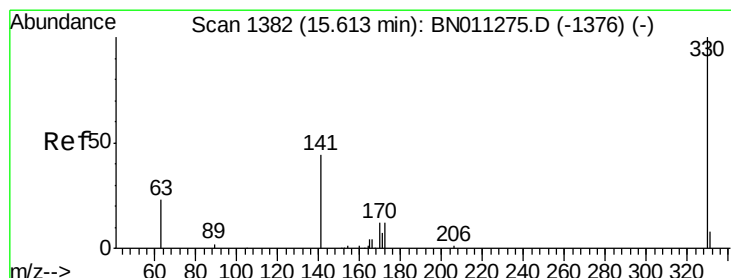
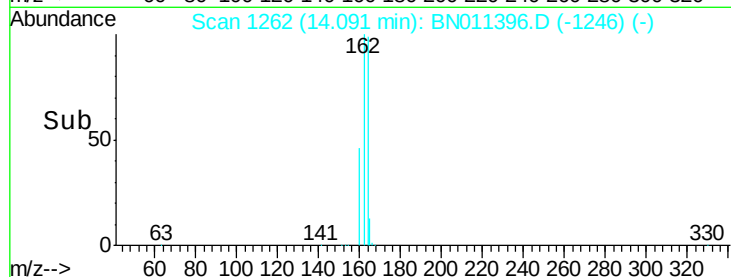
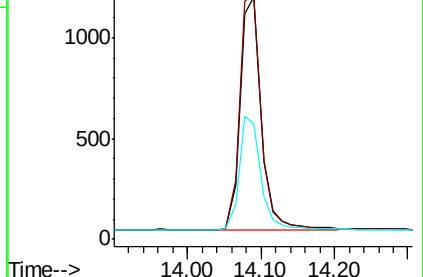
160 48.0 41.2 61.8



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: 0.324 ng

RT: 15.60 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

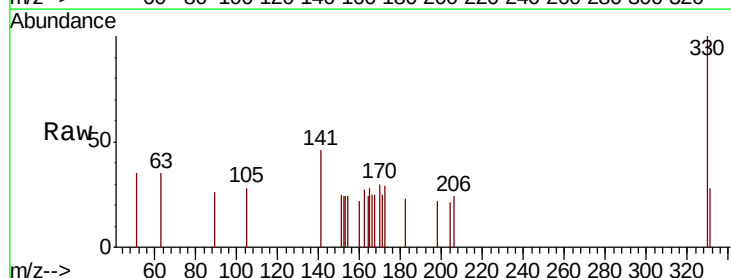
Tgt Ion:330 Resp: 344

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

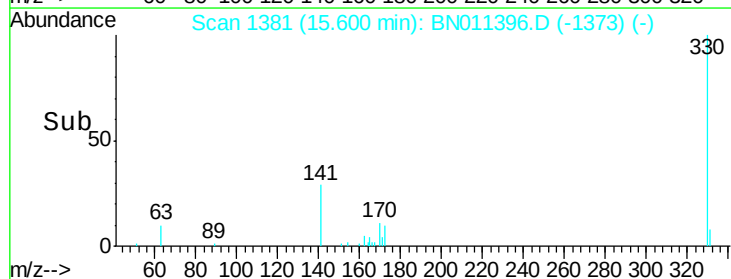
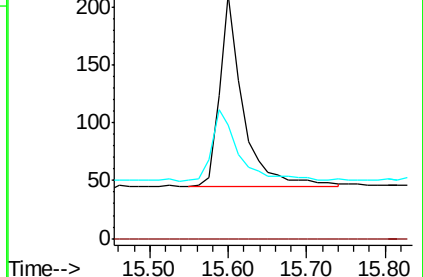
141 45.9 34.2 51.2

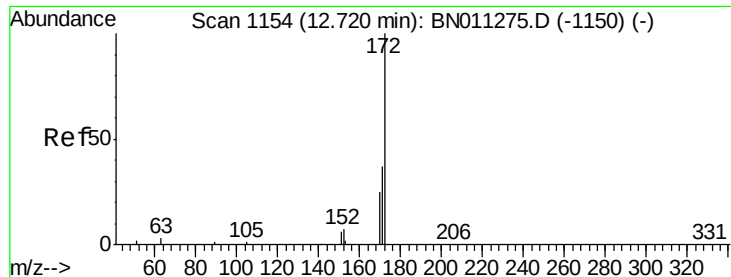


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

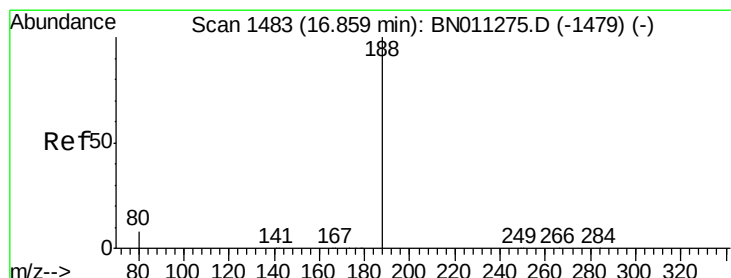
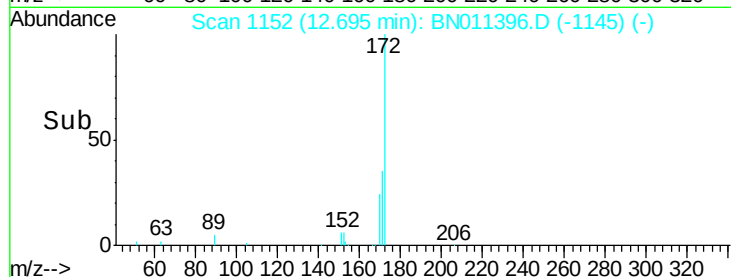
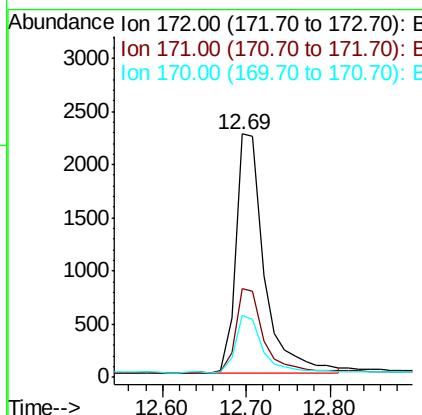
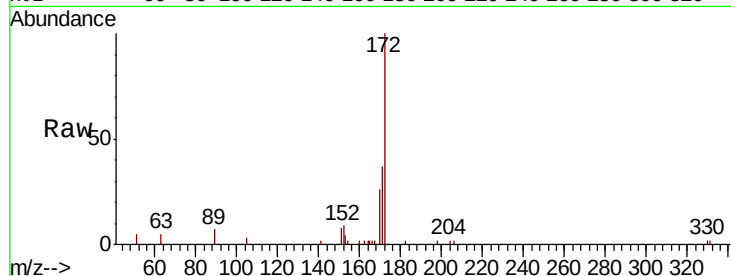




#15
2-Fluorobiphenyl
Concen: 0.530 ng
RT: 12.69 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BN011396.D
Acq: 07 Aug 2020 13:52

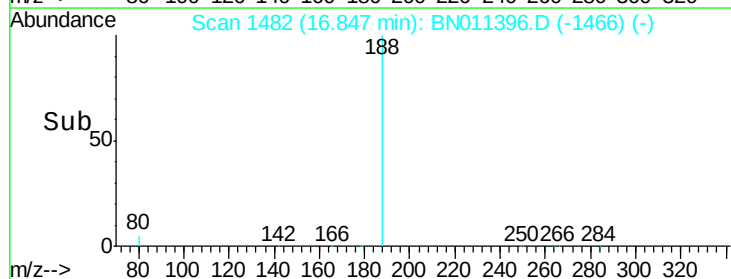
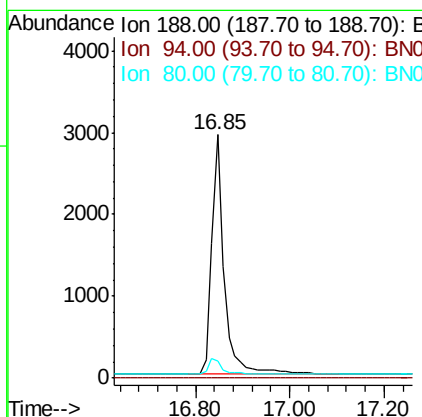
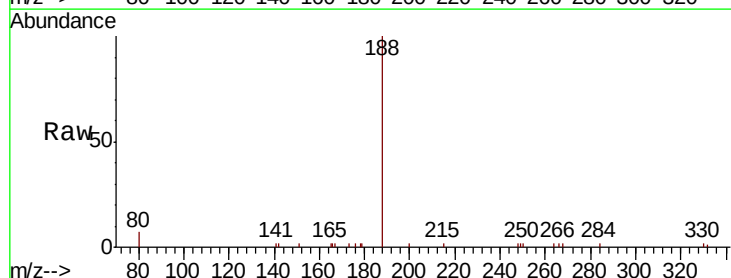
Instrument :
BNA_N
ClientSampleId :

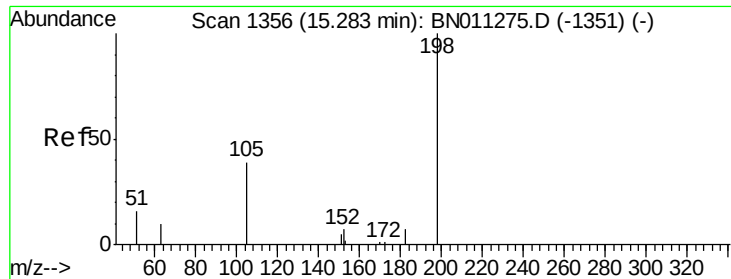
Tot Ion:172 Resp: 5262
Ion Ratio Lower Upper
172 100
171 36.6 30.6 46.0
170 25.6 21.0 31.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN011396.D
Acq: 07 Aug 2020 13:52

Tgt Ion:188 Resp: 5444
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 7.4 11.0#

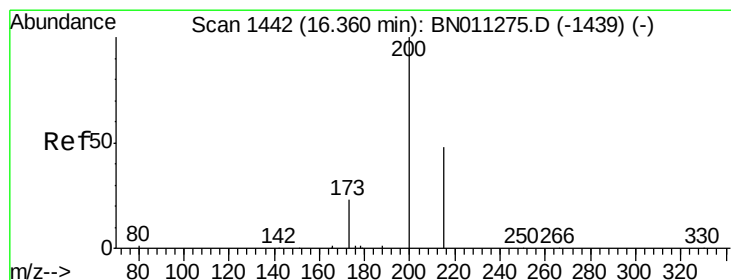
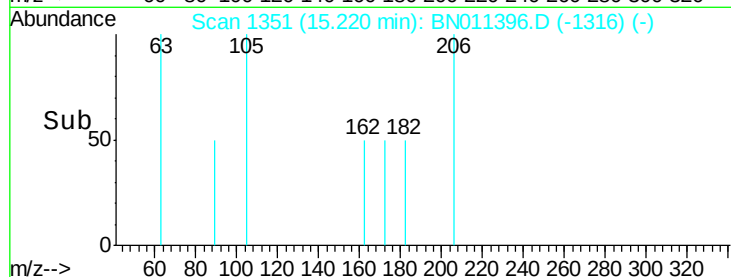
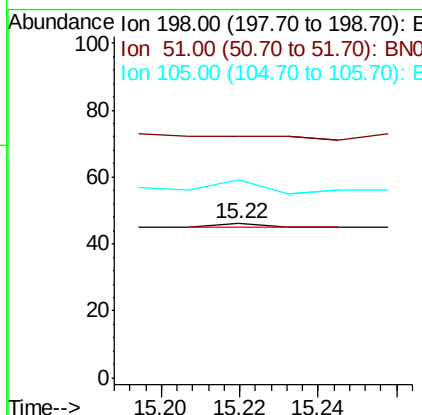
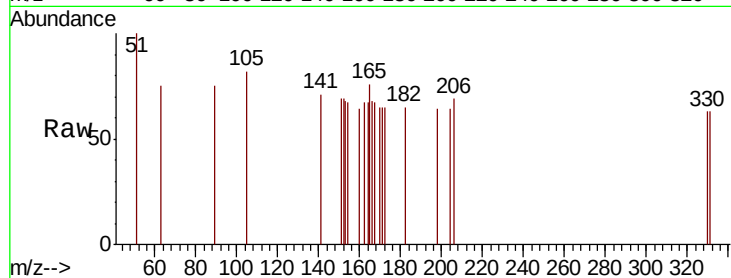




#20
4,6-Dinitro-2-methylphenol
Concen: 0.195 ng
RT: 15.22 min Scan# 1351
Delta R.T. -0.05 min
Lab File: BN011396.D
Acq: 07 Aug 2020 13:52

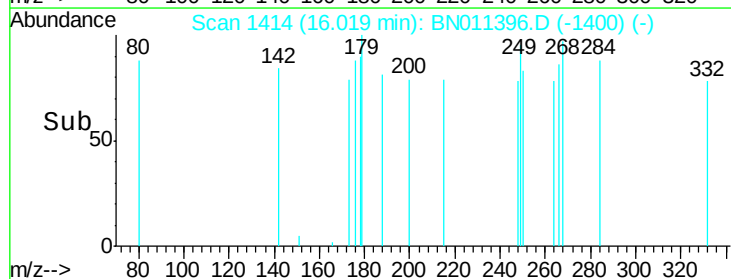
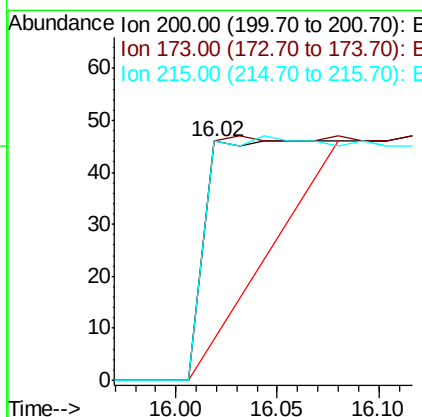
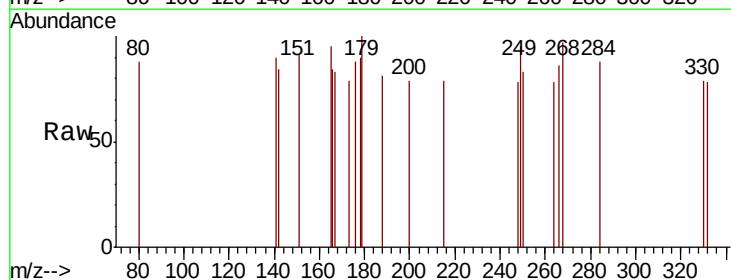
Instrument :
BNA_N
ClientSampled :

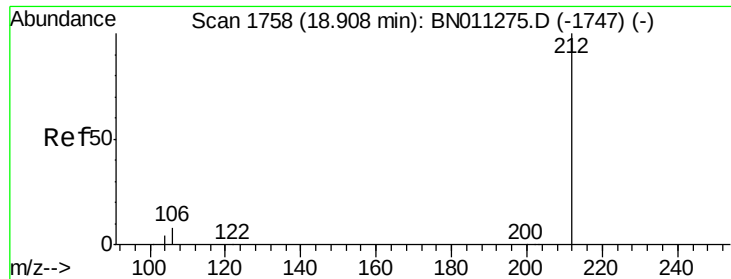
Tot Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 156.5 49.0 73.6#
105 128.3 53.8 80.6#



#23
Atrazine
Concen: 0.036 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.33 min
Lab File: BN011396.D
Acq: 07 Aug 2020 13:52

Tgt Ion:200 Resp: 101
Ion Ratio Lower Upper
200 100
173 100.0 22.0 33.0#
215 100.0 41.1 61.7#





#27

Fluoranthene-d10

Concen: 0.310 ng

RT: 18.88 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Instrument :

BNA_N

ClientSampleId :

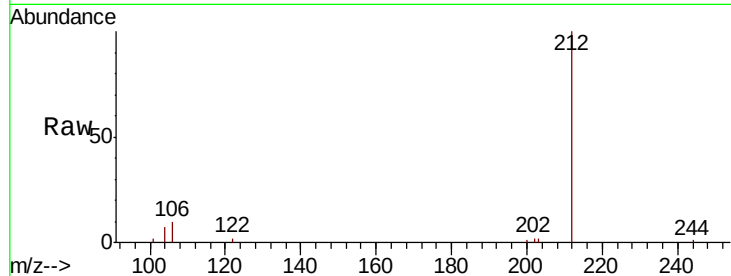
Tot Ion:212 Resp: 5145

Ion Ratio Lower Upper

212 100

106 7.8 6.9 10.3

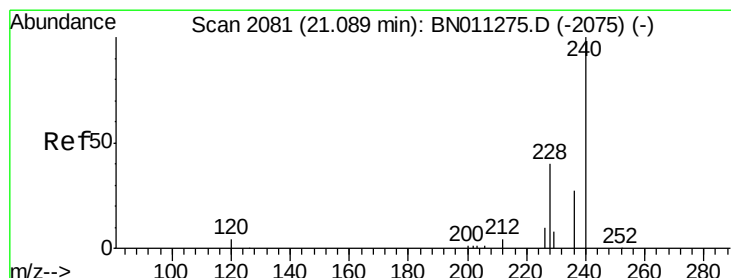
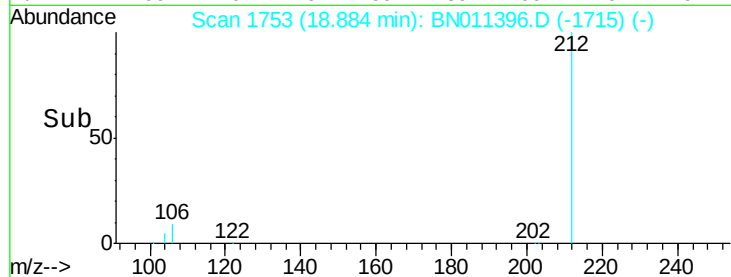
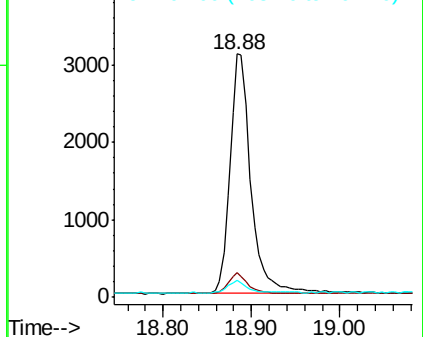
104 4.7 4.2 6.2



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.07 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

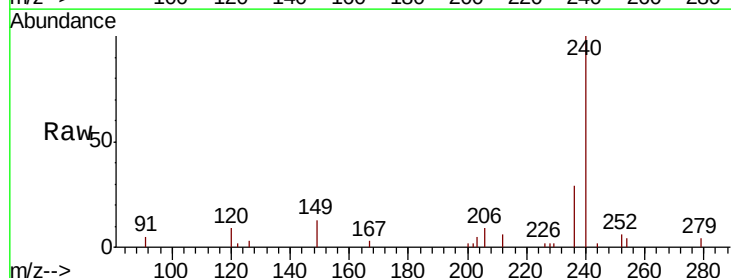
Tgt Ion:240 Resp: 4401

Ion Ratio Lower Upper

240 100

120 8.5 5.8 8.8

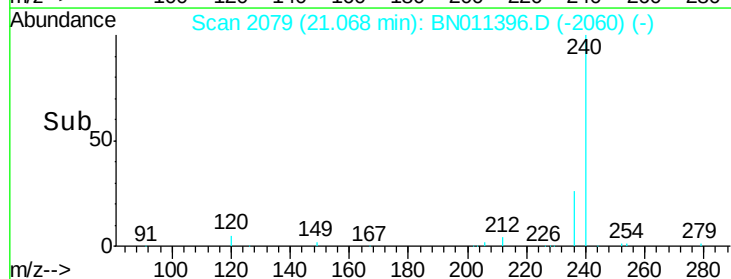
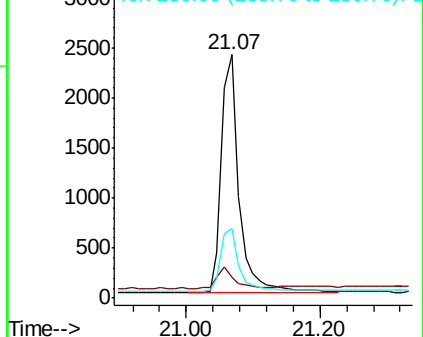
236 28.6 22.7 34.1

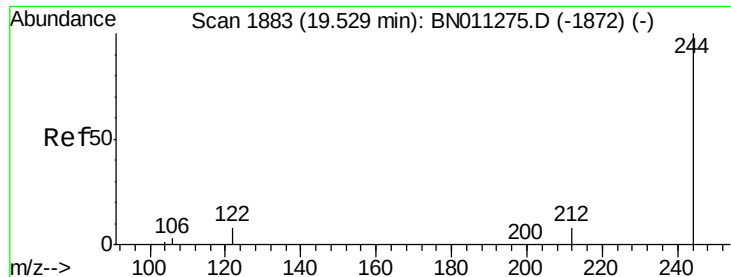


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.442 ng

RT: 19.50 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Instrument :

BNA_N

ClientSampleId :

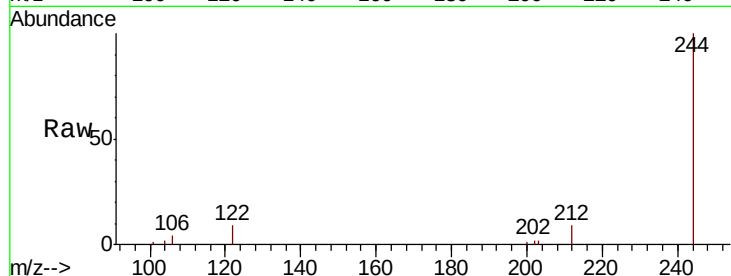
Tot Ion:244 Resp: 5890

Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

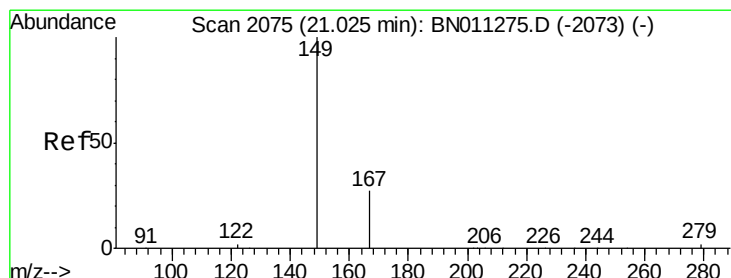
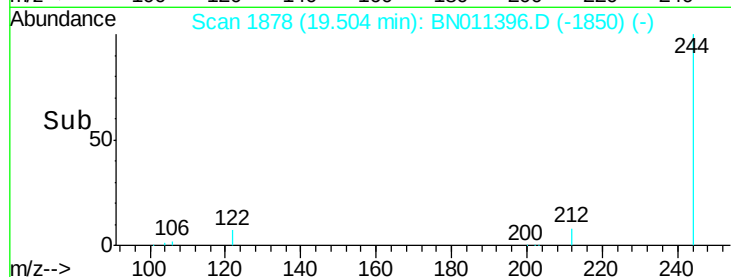
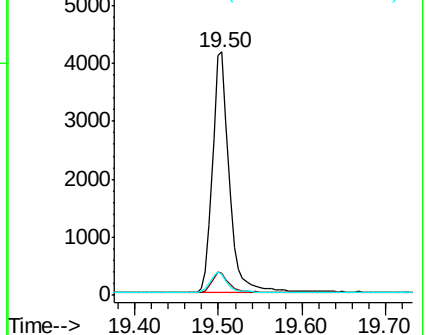
122 8.5 7.5 11.3



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

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

RT: 21.00 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

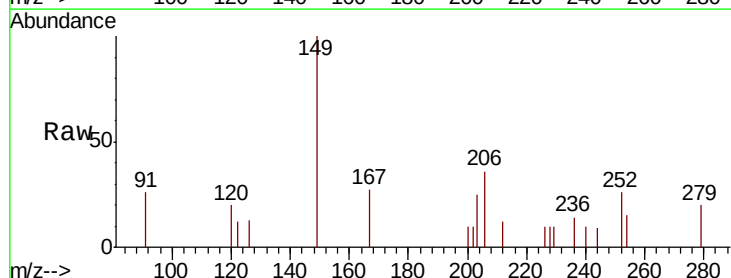
Tgt Ion:149 Resp: 253

Ion Ratio Lower Upper

149 100

167 28.1 21.7 32.5

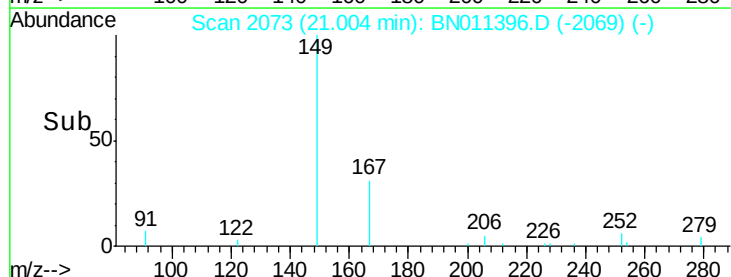
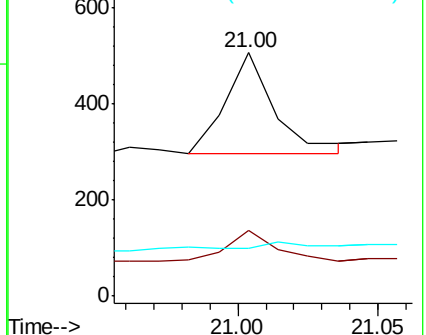
279 4.3 3.9 5.9

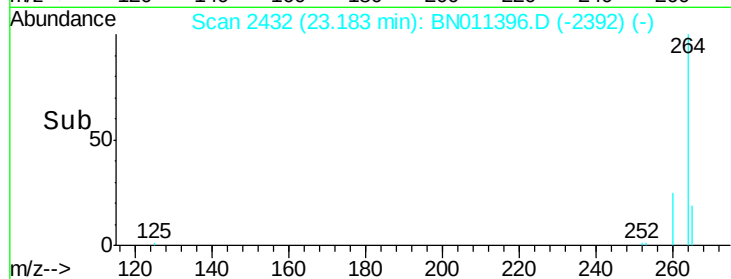
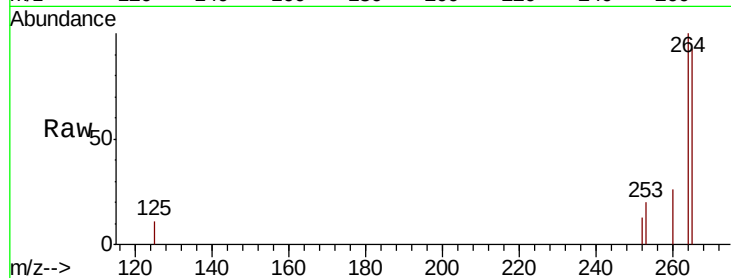
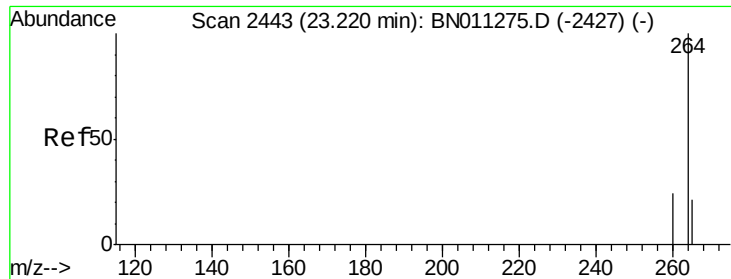


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.18 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 4783

Ion Ratio Lower Upper

264 100

260 26.3 20.1 30.1

265 92.9 70.7 106.1

