

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN073120\
 Data File : BN011324.D
 Acq On : 31 Jul 2020 12:53
 Operator : CG/JU
 Sample : PB130596TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130596TB

Quant Time: Jul 31 13:29:35 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

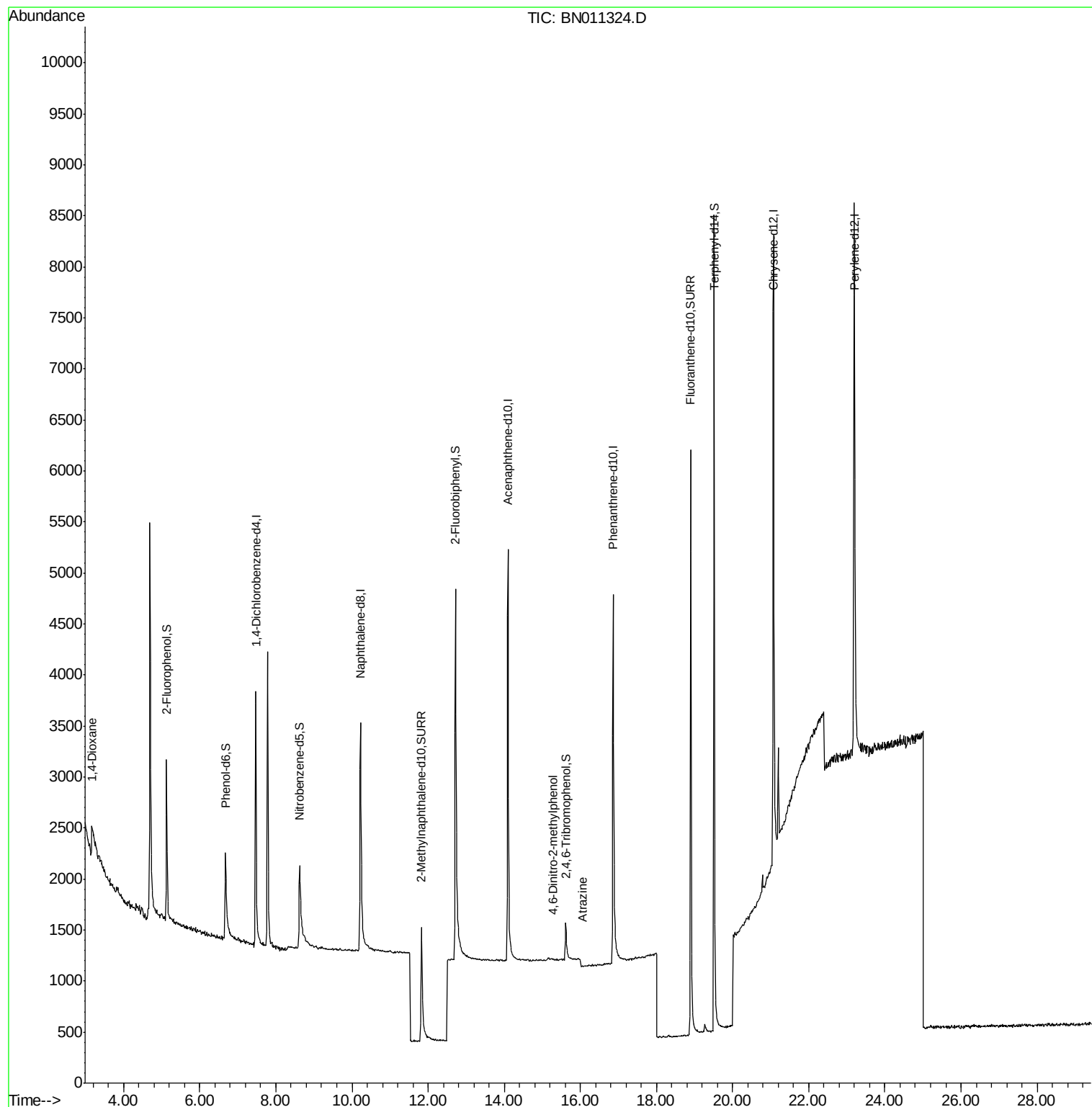
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1575	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	5137	0.40	ng	0.01
13) Acenaphthene-d10	14.10	164	3161	0.40	ng	0.01
19) Phenanthrene-d10	16.86	188	7817	0.40	ng	0.01
29) Chrysene-d12	21.08	240	8124	0.40	ng	0.01
36) Perylene-d12	23.20	264	8250	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.13	112	1623	0.39	ng	0.00
5) Phenol-d6	6.68	99	1597	0.32	ng	0.02
8) Nitrobenzene-d5	8.63	82	1649	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	11.82	152	2792	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.61	330	464	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.72	172	5276	0.39	ng	0.01
27) Fluoranthene-d10	18.90	212	8503	0.36	ng	0.00
31) Terphenyl-d14	19.51	244	9459	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	55	0.025	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.28	198	2	0.195	ng	# 1
23) Atrazine	16.07	200	372	0.092	ng	# 8

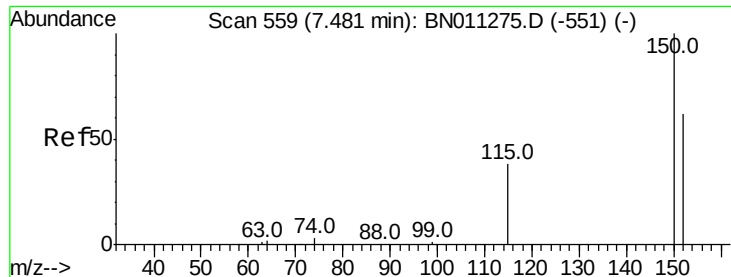
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.47 min Scan# 558

Delta R.T. 0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Instrument :

BNA_N

ClientSampleId :

PB130596TB

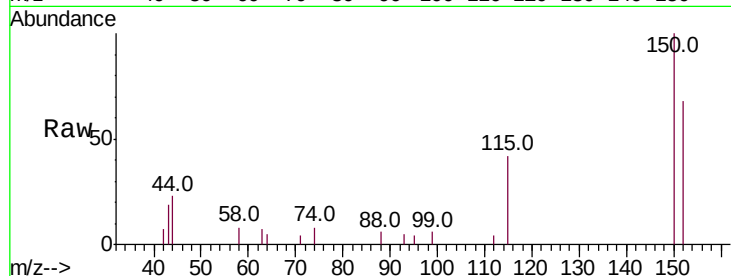
Tot Ion:152 Resp: 1575

Ion Ratio Lower Upper

152 100

150 146.9 126.5 189.7

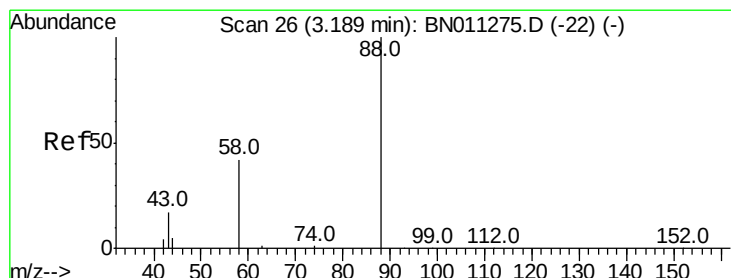
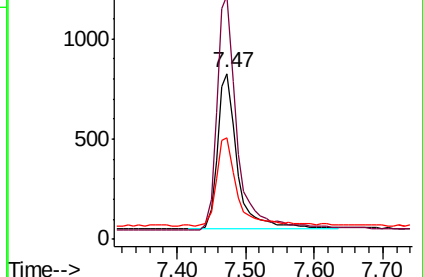
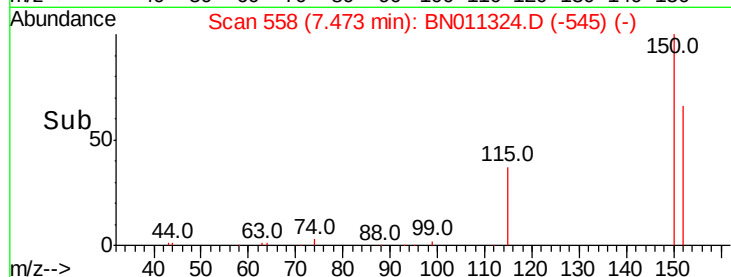
115 61.4 51.9 77.9



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: 0.025 ng

RT: 3.16 min Scan# 23

Delta R.T. -0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

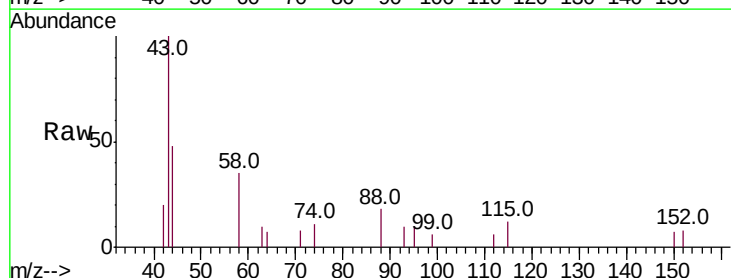
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

58 96.4 36.5 54.7#

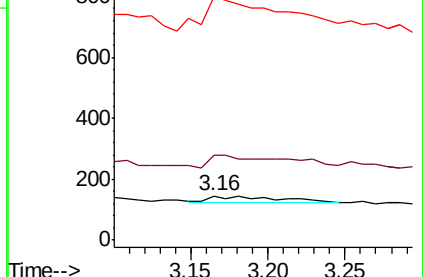
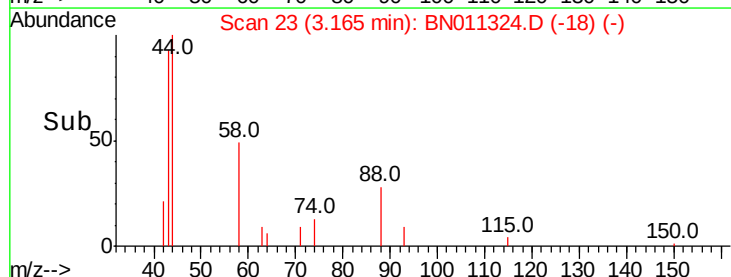
43 700.0 16.1 24.1#

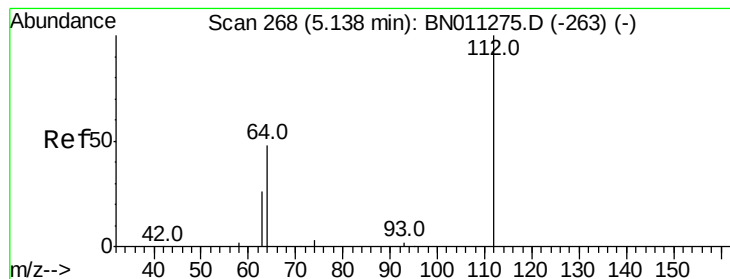


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.392 ng

RT: 5.13 min Scan# 267

Delta R.T. -0.00 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Instrument :

BNA_N

ClientSampleId :

PB130596TB

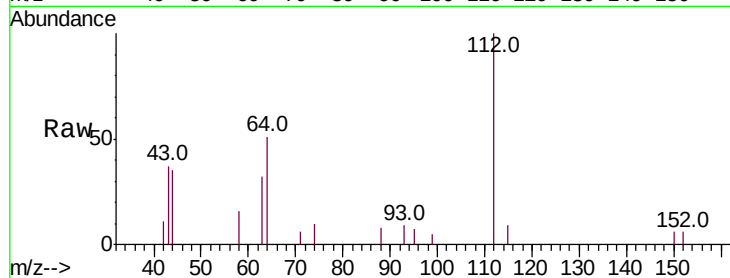
Tot Ion:112 Resp: 1623

Ion Ratio Lower Upper

112 100

64 45.7 35.8 53.6

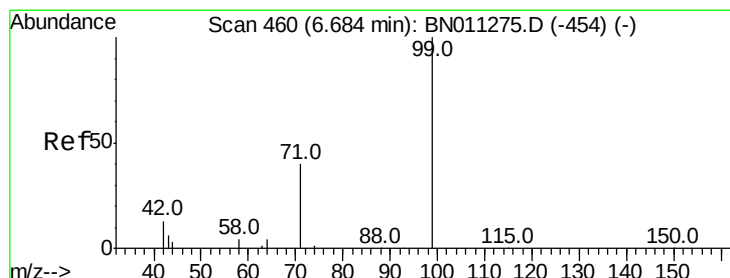
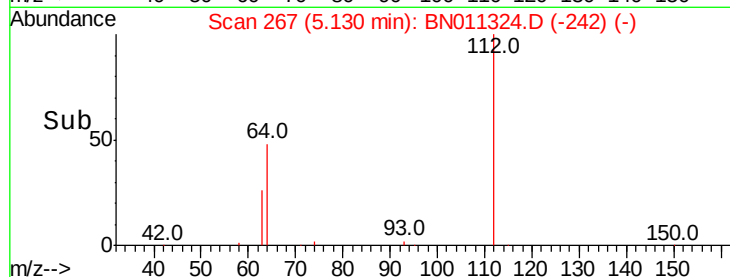
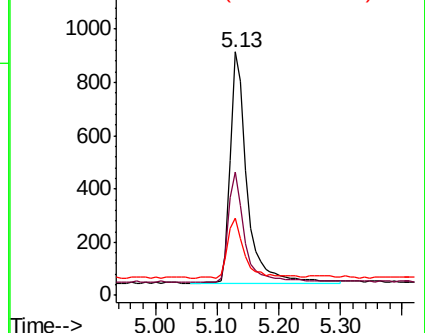
63 26.9 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.317 ng

RT: 6.68 min Scan# 460

Delta R.T. 0.02 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

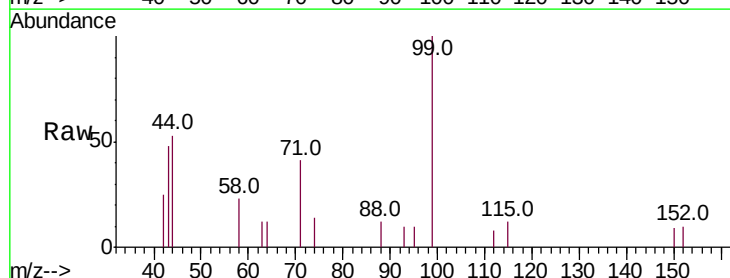
Tgt Ion: 99 Resp: 1597

Ion Ratio Lower Upper

99 100

42 14.5 11.2 16.8

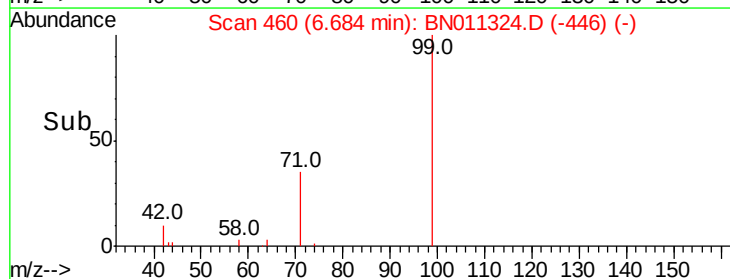
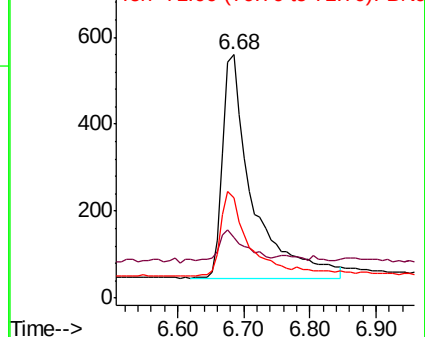
71 37.0 30.6 45.8

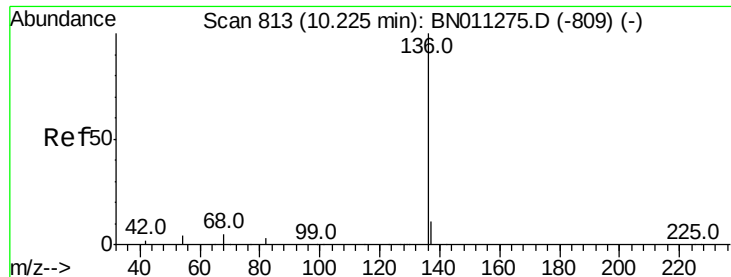


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 813

Delta R.T. 0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Instrument :

BNA_N

ClientSampleId :

PB130596TB

Tot Ion:136 Resp: 5137

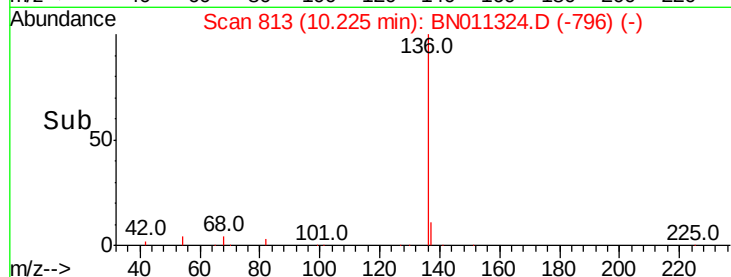
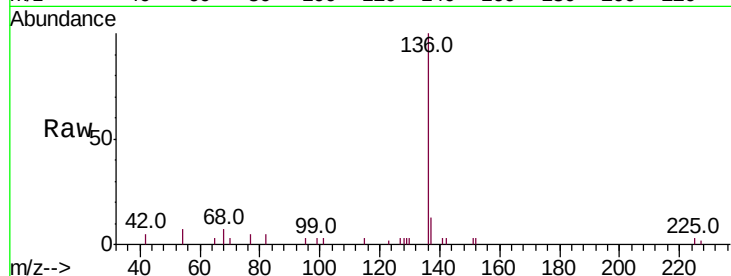
Ion Ratio Lower Upper

136 100

137 13.2 9.9 14.9

54 6.6 4.8 7.2

68 6.5 4.9 7.3

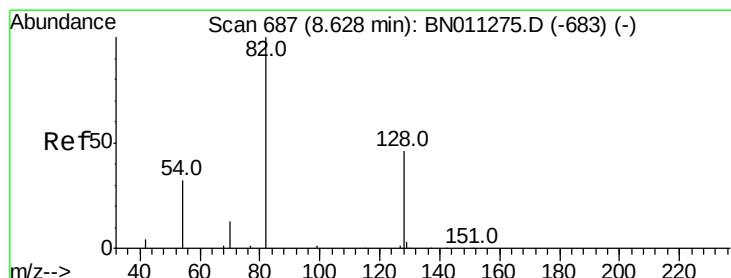
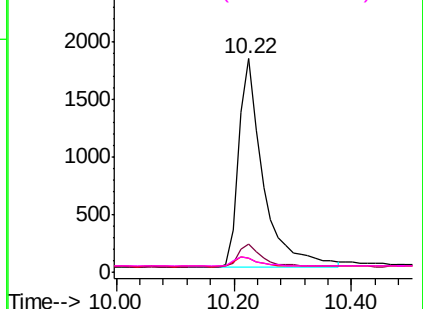


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.360 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.03 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

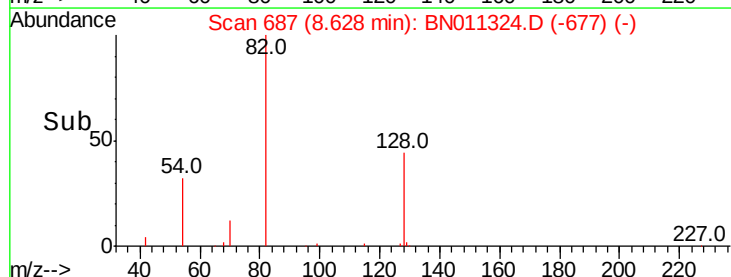
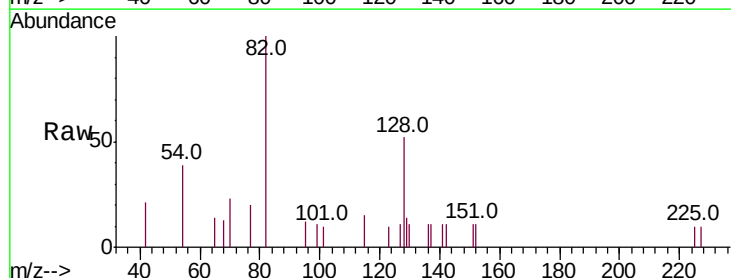
Tgt Ion: 82 Resp: 1649

Ion Ratio Lower Upper

82 100

128 52.1 40.1 60.1

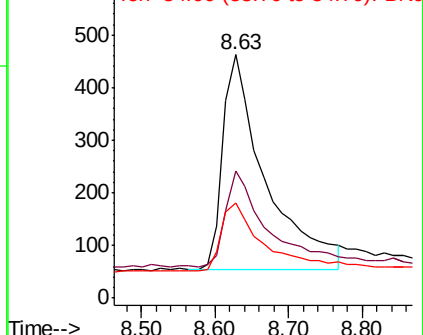
54 39.1 29.0 43.6

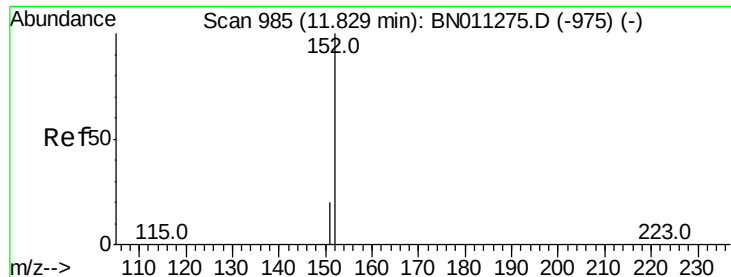


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

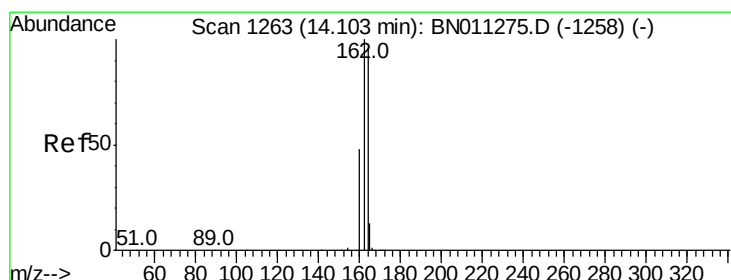
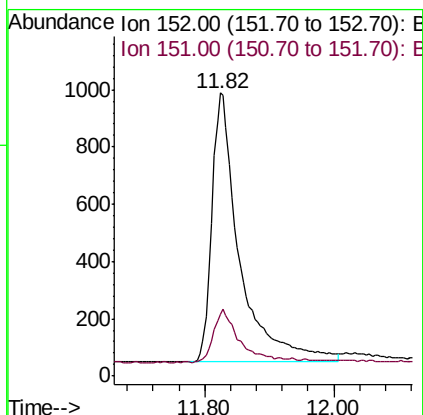
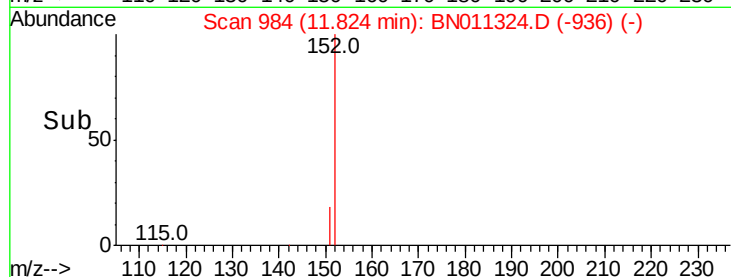
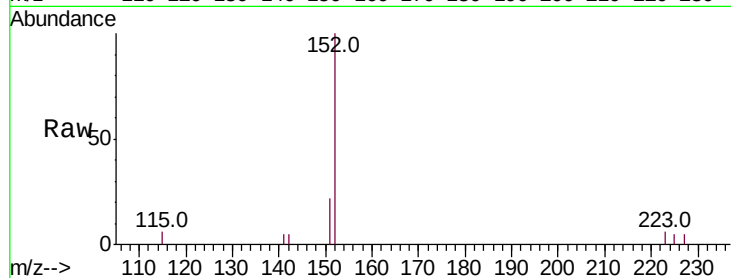




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 11.82 min Scan# 984
Delta R.T. 0.01 min
Lab File: BN011324.D
Acq: 31 Jul 2020 12:53

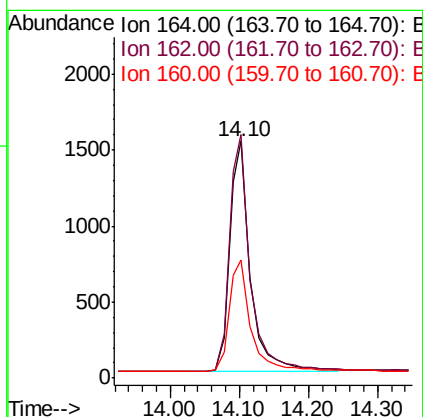
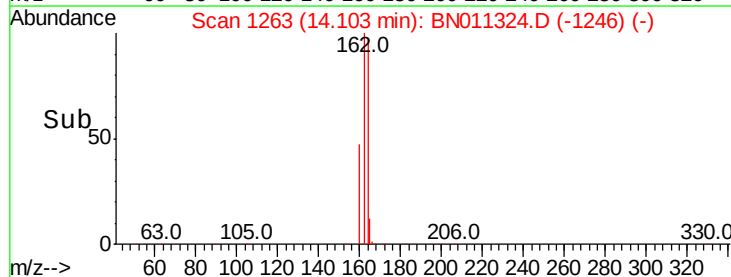
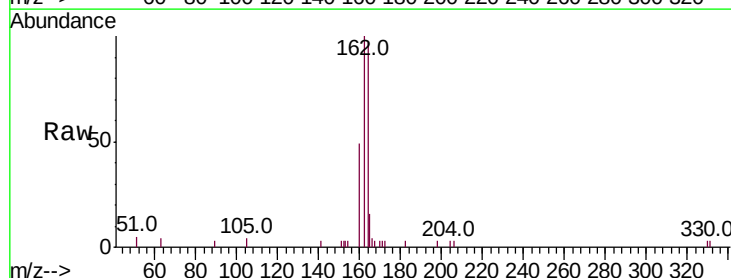
Instrument :
BNA_N
ClientSampleId :
PB130596TB

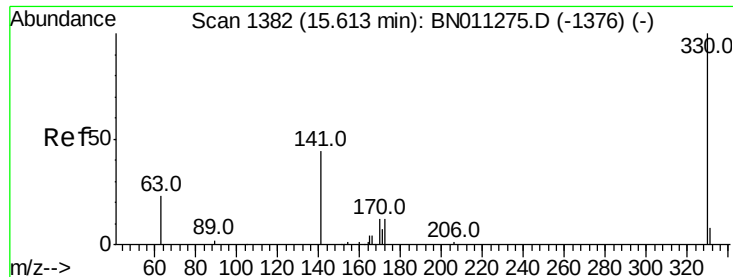
Tot Ion:152 Resp: 2792
Ion Ratio Lower Upper
152 100
151 17.9 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BN011324.D
Acq: 31 Jul 2020 12:53

Tgt Ion:164 Resp: 3161
Ion Ratio Lower Upper
164 100
162 102.9 83.6 125.4
160 49.9 41.2 61.8





#14

2,4,6-Tribromophenol

Concen: 0.318 ng

RT: 15.61 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Instrument :

BNA_N

ClientSampleId :

PB130596TB

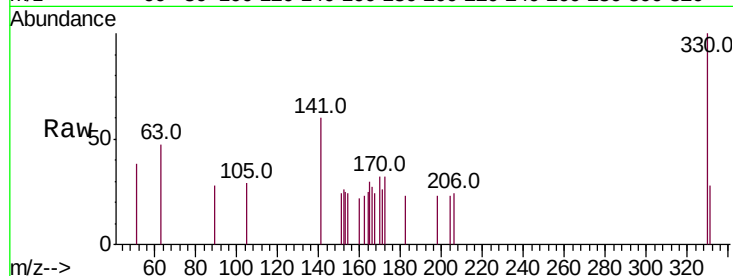
Tot Ion:330 Resp: 464

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

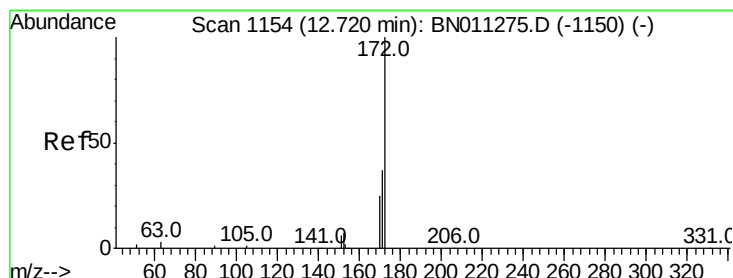
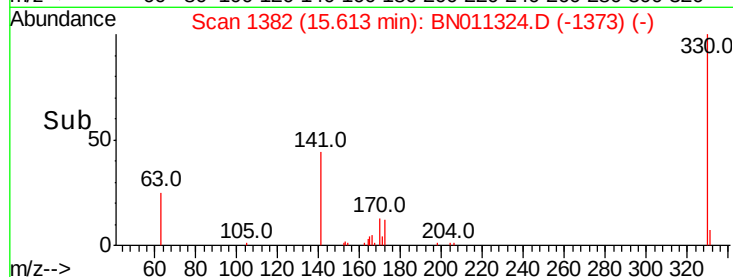
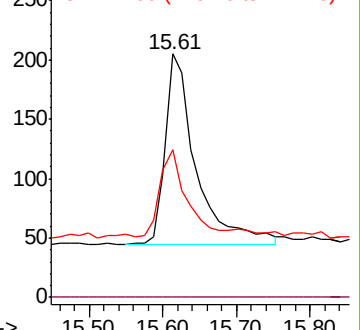
141 43.8 34.2 51.2



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: 0.387 ng

RT: 12.72 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

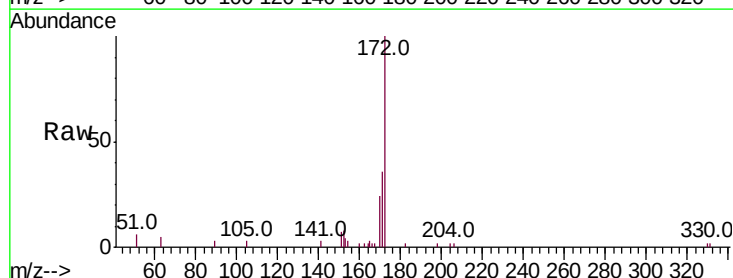
Tgt Ion:172 Resp: 5276

Ion Ratio Lower Upper

172 100

171 36.5 30.6 46.0

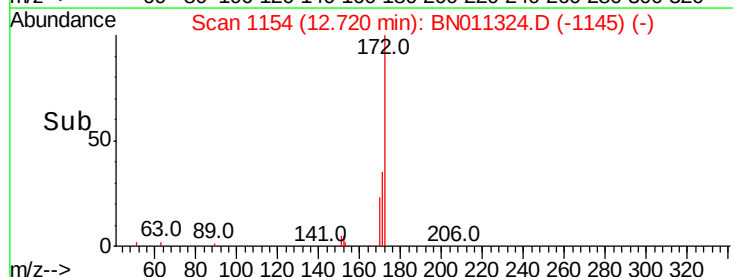
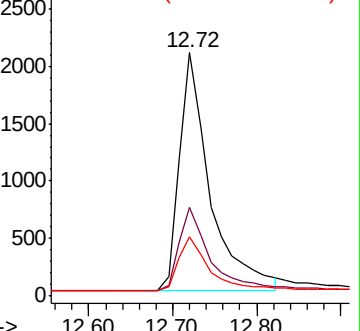
170 24.5 21.0 31.4

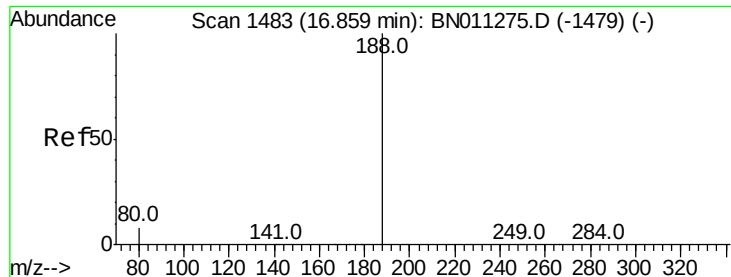


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.86 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BN011324.D

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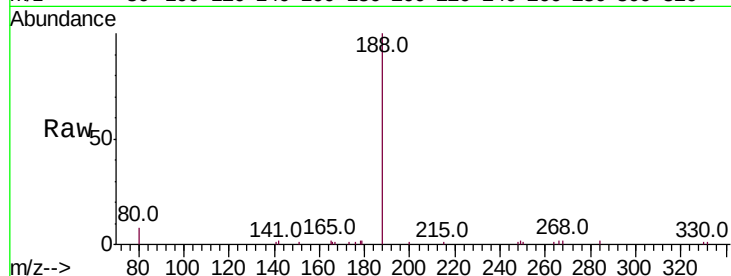
Tot Ion:188 Resp: 7817

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

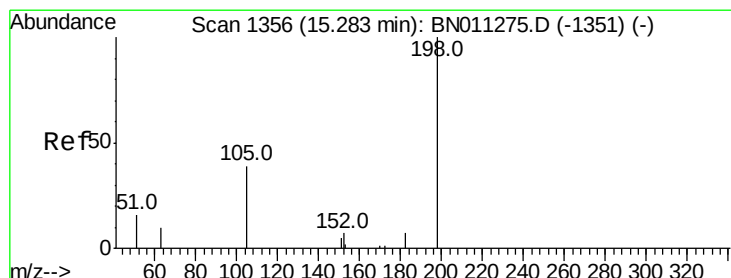
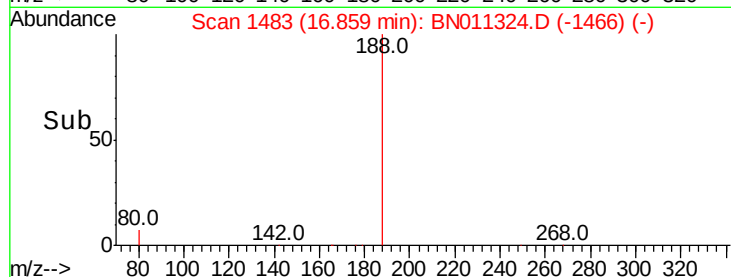
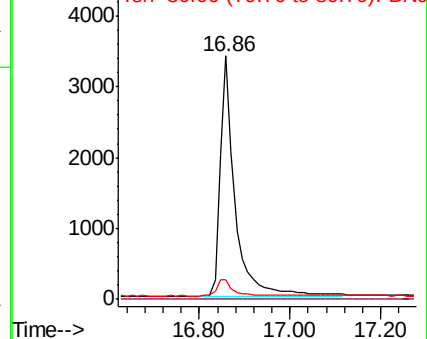
80 8.0 7.4 11.0



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.195 ng

RT: 15.28 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

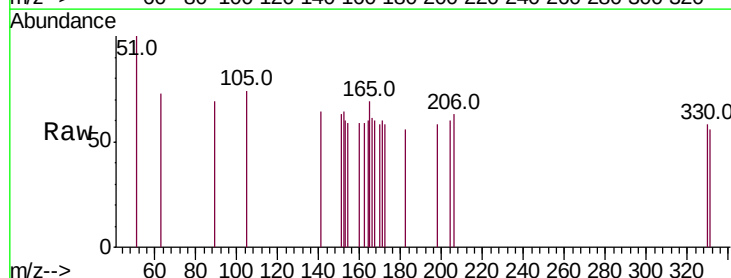
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 173.9 49.0 73.6#

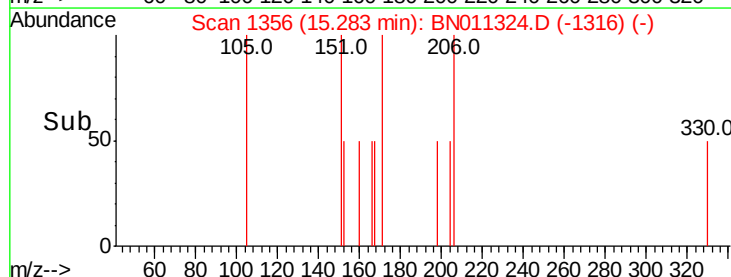
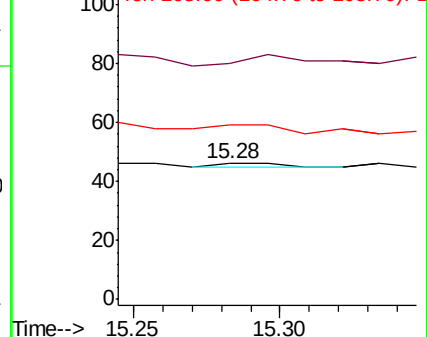
105 128.3 53.8 80.6#

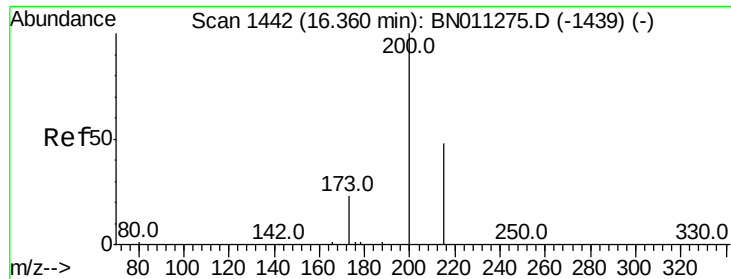


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#23

Atrazine

Concen: 0.092 ng

RT: 16.07 min Scan# 1418

Delta R.T. -0.28 min

Lab File: BN011324.D

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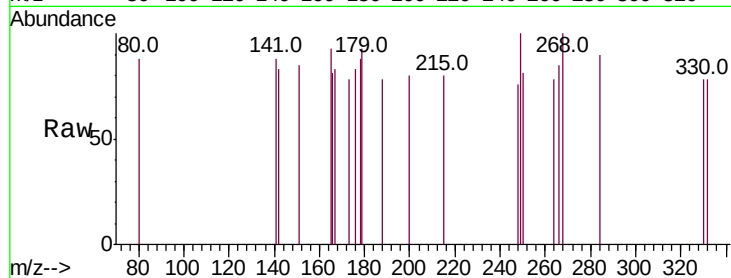
Tot Ion:200 Resp: 372

Ion Ratio Lower Upper

200 100

173 97.9 22.0 33.0#

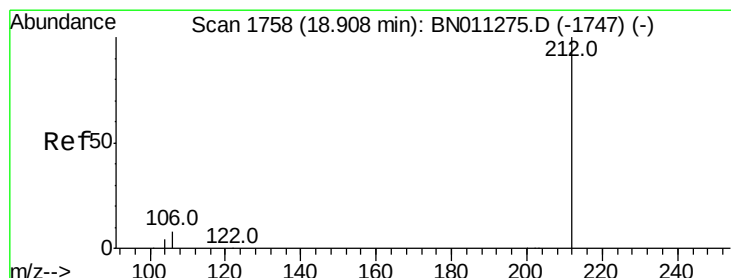
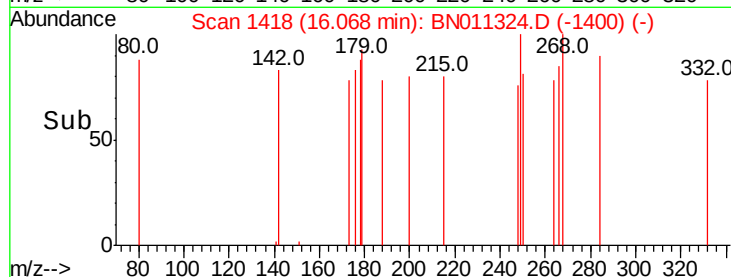
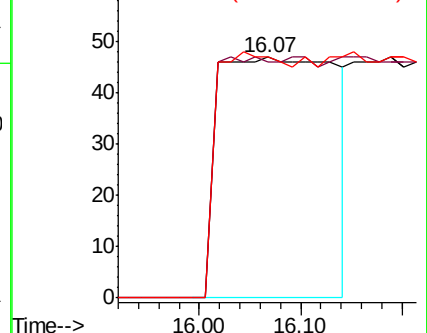
215 100.0 41.1 61.7#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#27

Fluoranthene-d10

Concen: 0.356 ng

RT: 18.90 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

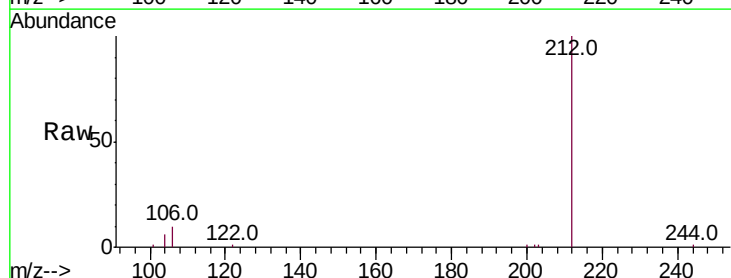
Tgt Ion:212 Resp: 8503

Ion Ratio Lower Upper

212 100

106 8.8 6.9 10.3

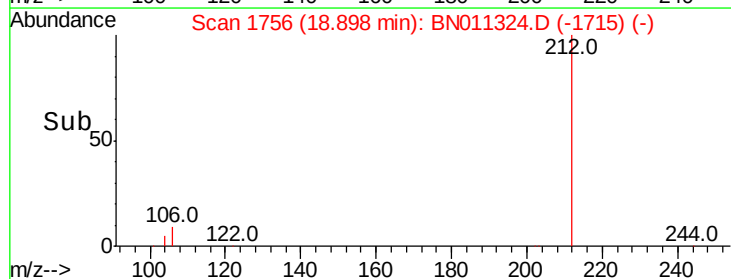
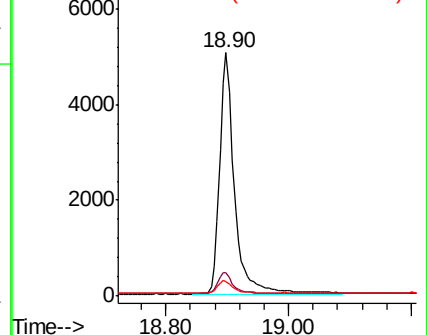
104 5.4 4.2 6.2

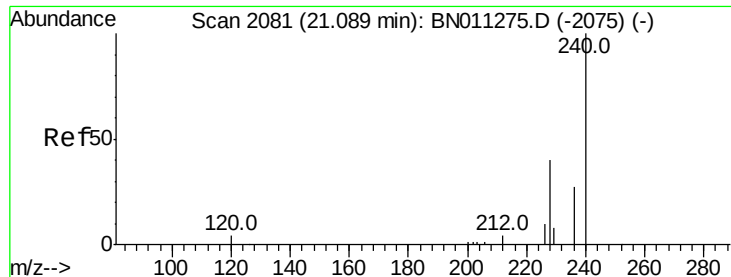


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.08 min Scan# 2080

Delta R.T. 0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Instrument :

BNA_N

ClientSampleId :

PB130596TB

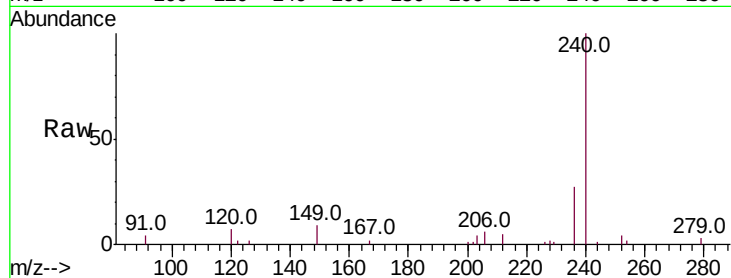
Tot Ion:240 Resp: 8124

Ion Ratio Lower Upper

240 100

120 7.4 5.8 8.8

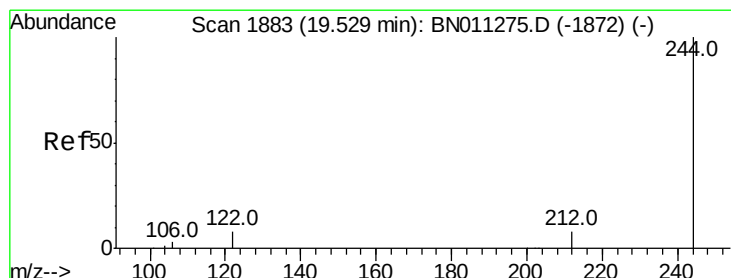
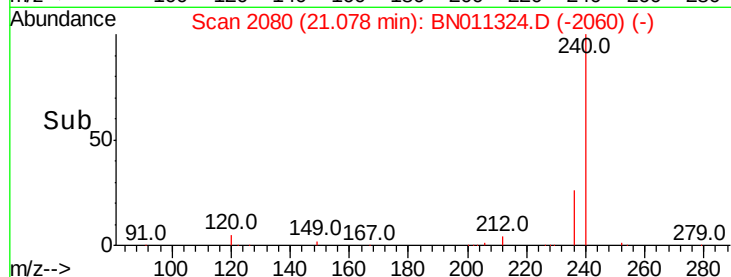
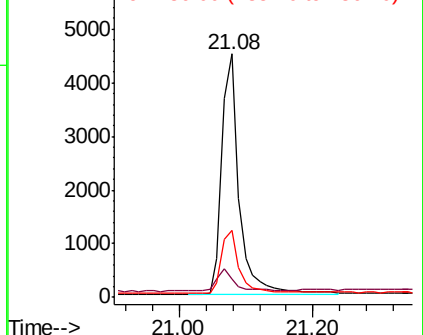
236 27.4 22.7 34.1



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: 0.385 ng

RT: 19.51 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

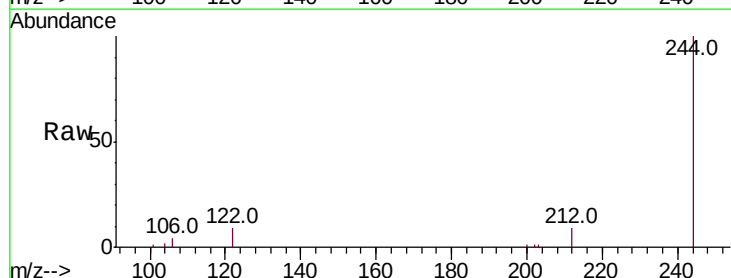
Tgt Ion:244 Resp: 9459

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

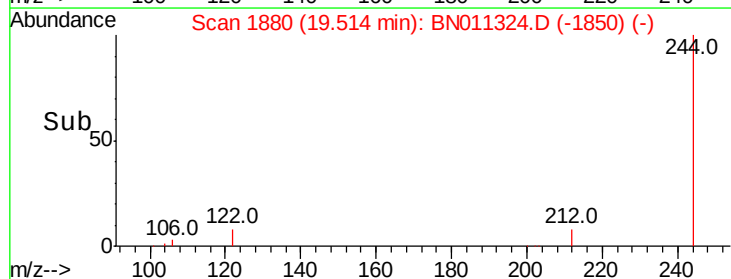
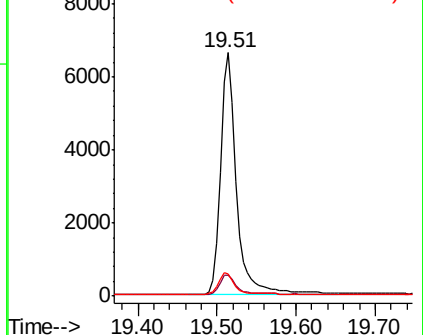
122 9.1 7.5 11.3

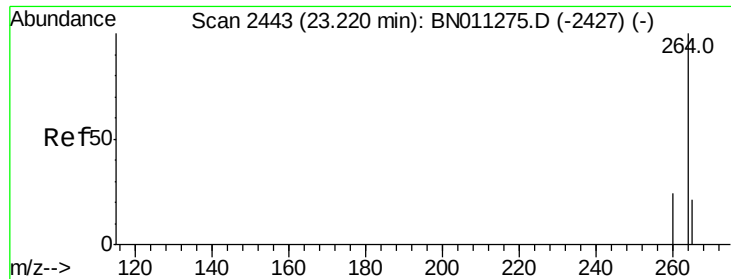


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BN011324.D
 Acq: 31 Jul 2020 12:53

Instrument :
 BNA_N
 ClientSampleId :
 PB130596TB

Tot Ion:264 Resp: 8250
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.1 30.1
 265 71.7 70.7 106.1

