

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011598.D
 Acq On : 22 Aug 2020 22:22
 Operator : CG/JU
 Sample : SP5241
 Misc : 8270 SIM SURR. 0.4ng
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5241

Quant Time: Aug 24 03:12:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2185	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	7783	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3926	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	7550	0.40	ng	0.00
29) Chrysene-d12	21.00	240	5793	0.40	ng	-0.01
36) Perylene-d12	23.10	264	6715	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	1753	0.38	ng	0.00
5) Phenol-d6	6.64	99	1359	0.29	ng	0.02
8) Nitrobenzene-d5	8.56	82	1180	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	11.74	152	3882	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	384	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	5264	0.33	ng	-0.01
27) Fluoranthene-d10	18.83	212	6029	0.24	ng	0.00
31) Terphenyl-d14	19.45	244	4863	0.32	ng	0.00

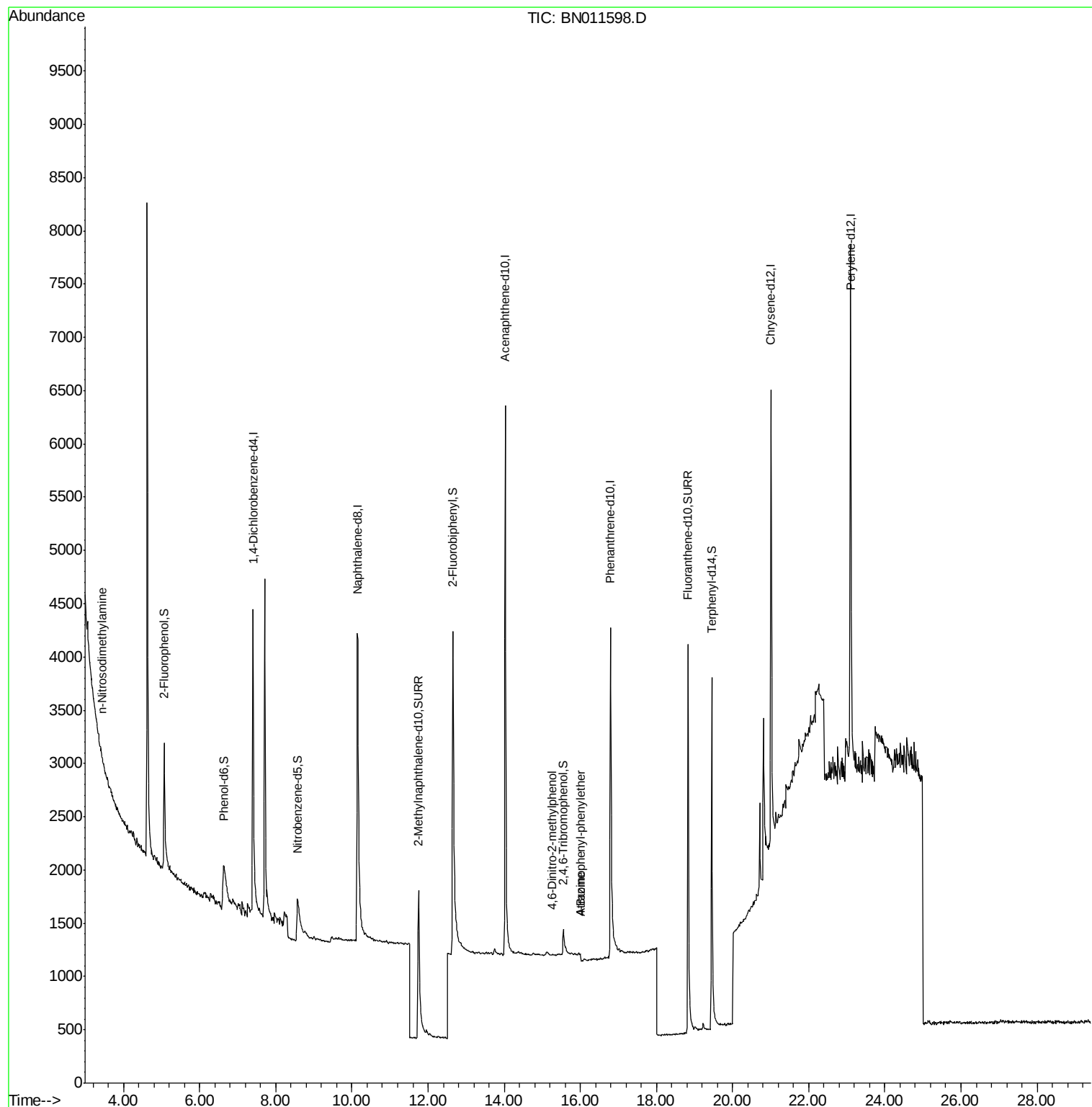
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.45	42	47	0.038	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.25	198	2	0.176	ng	# 60
21) 4-Bromophenyl-phenylether	16.02	248	104	0.063	ng	# 70
23) Atrazine	16.02	200	137	0.035	ng	# 14

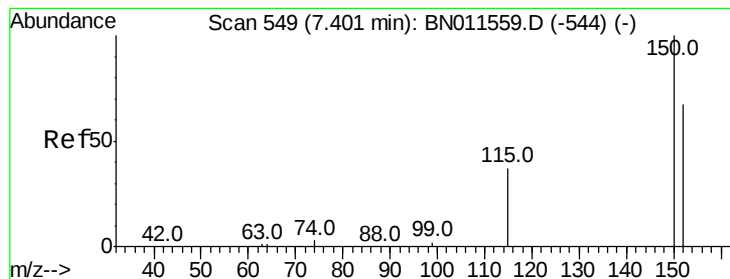
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 549

Delta R.T. 0.00 min

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Acq: 22 Aug 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SP5241

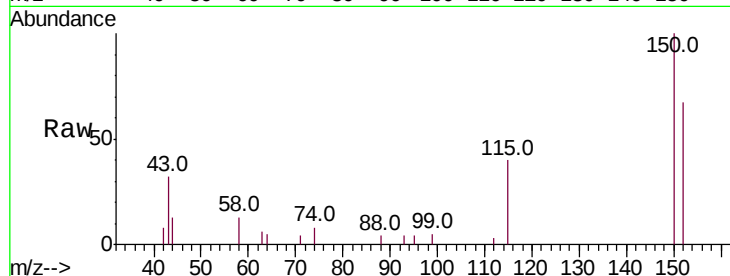
Tot Ion:152 Resp: 2185

Ion Ratio Lower Upper

152 100

150 149.3 117.1 175.7

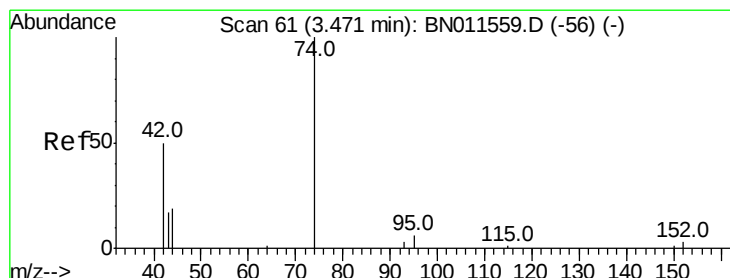
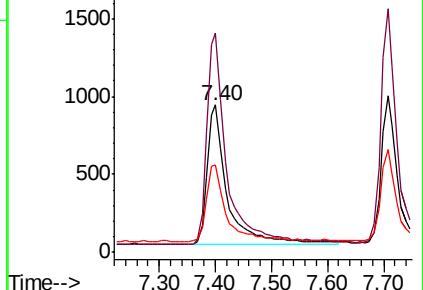
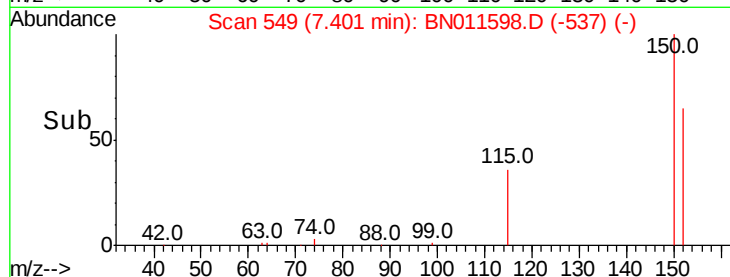
115 59.6 48.7 73.1



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



#3

n-Nitrosodimethylamine

Concen: 0.038 ng

RT: 3.45 min Scan# 58

Delta R.T. -0.02 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

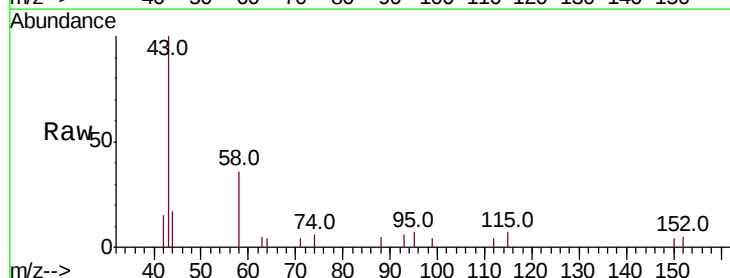
Tgt Ion: 42 Resp: 47

Ion Ratio Lower Upper

42 100

74 38.3 169.0 253.4#

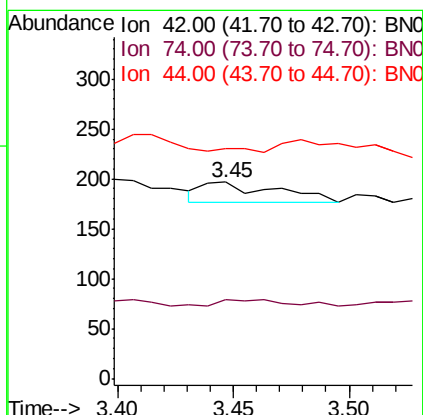
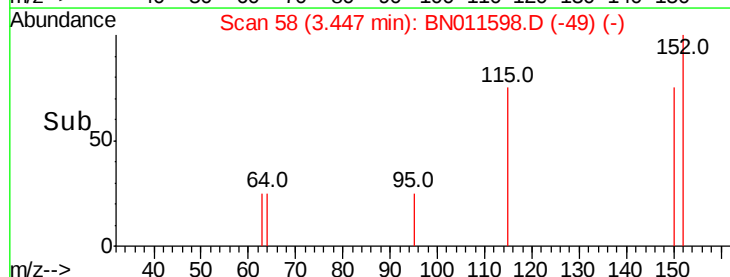
44 0.0 21.6 32.4#

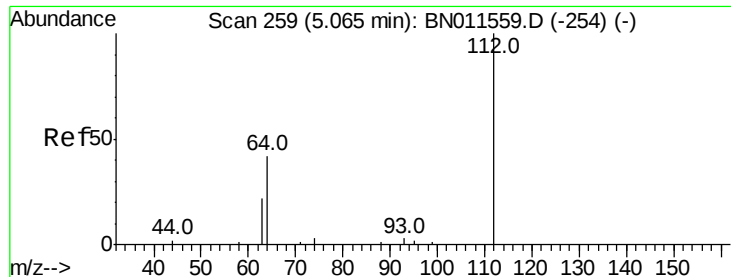


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.376 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SP5241

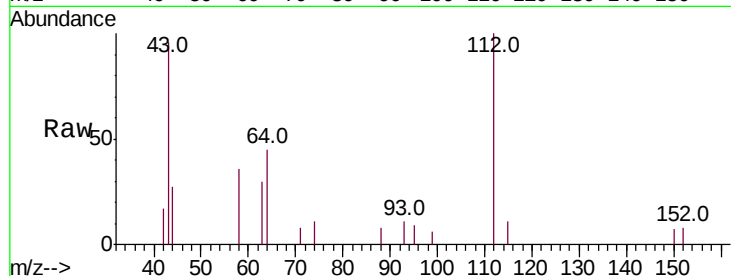
Tot Ion:112 Resp: 1753

Ion Ratio Lower Upper

112 100

64 41.9 33.9 50.9

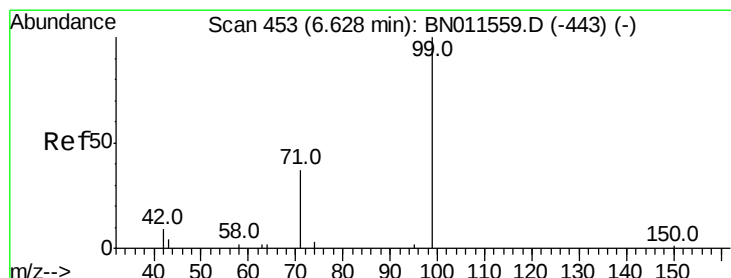
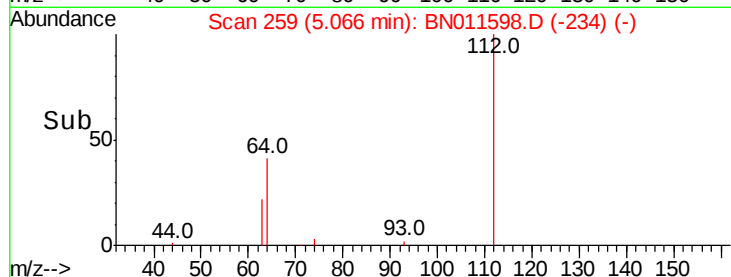
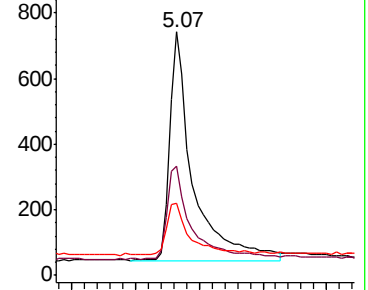
63 23.2 17.7 26.5



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: 0.289 ng

RT: 6.64 min Scan# 455

Delta R.T. 0.02 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

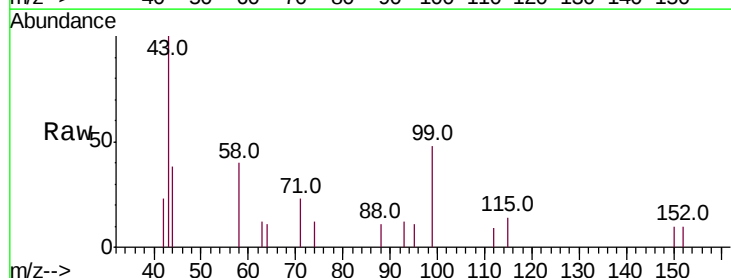
Tgt Ion: 99 Resp: 1359

Ion Ratio Lower Upper

99 100

42 13.4 9.0 13.4

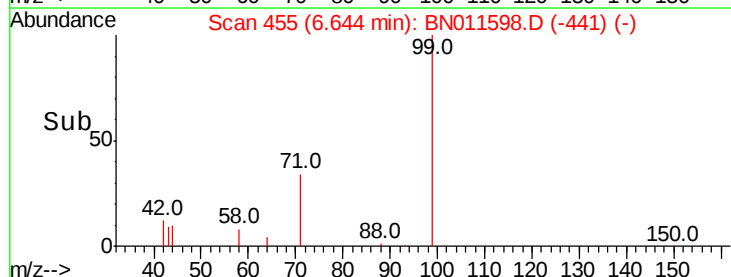
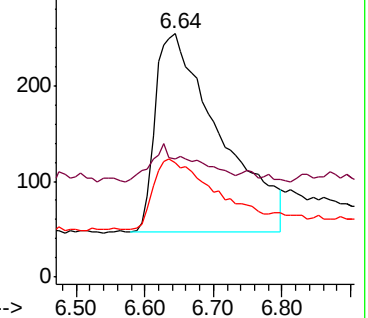
71 34.9 30.4 45.6

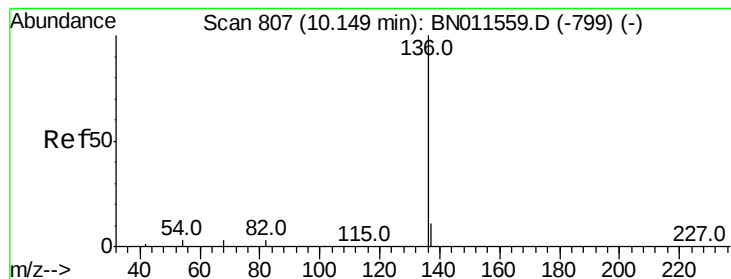


Abundance Ion 99.00 (98.70 to 99.70): BN0

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: 10.15 min Scan# 807

Delta R.T. 0.00 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SP5241

Tot Ion:136 Resp: 7783

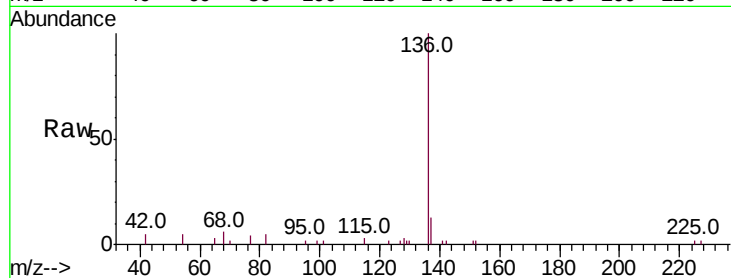
Ion Ratio Lower Upper

136 100

137 12.6 11.0 16.4

54 5.2 4.3 6.5

68 5.9 4.9 7.3

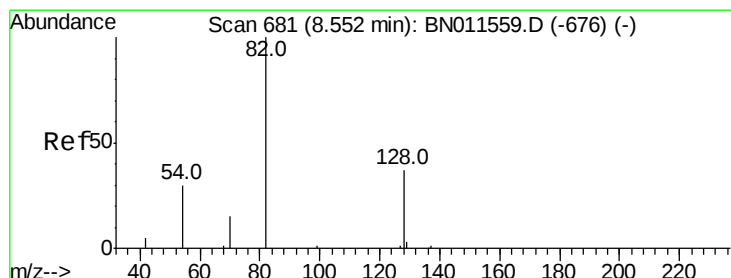
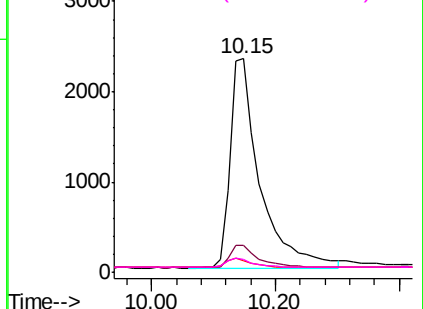
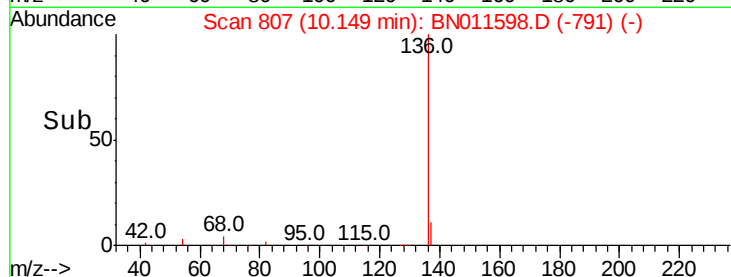


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.231 ng

RT: 8.56 min Scan# 682

Delta R.T. 0.01 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

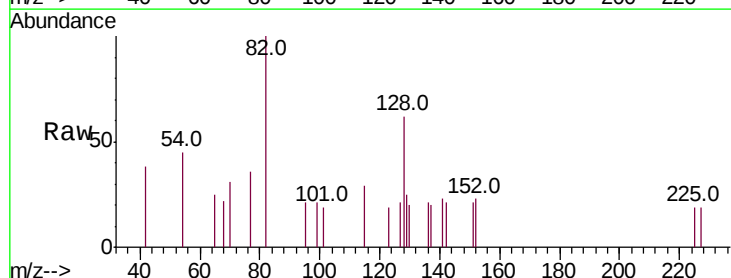
Tgt Ion: 82 Resp: 1180

Ion Ratio Lower Upper

82 100

128 62.5 41.7 62.5

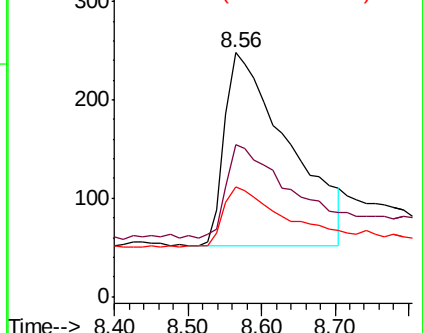
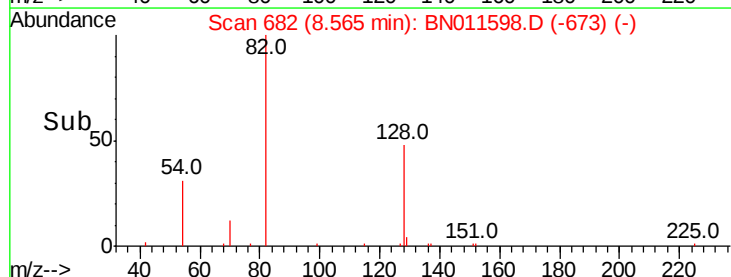
54 45.2 34.4 51.6

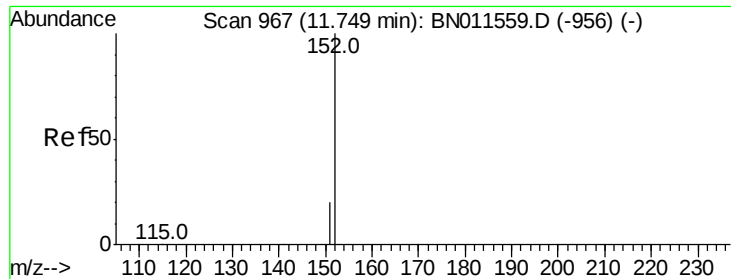


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

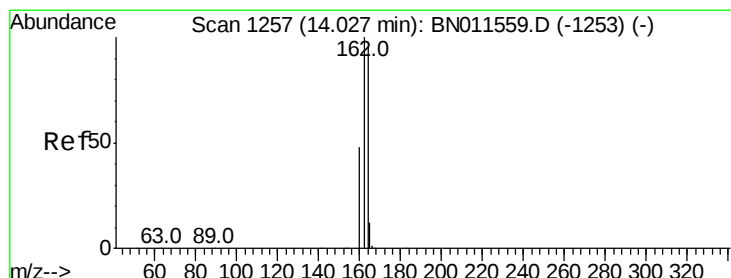
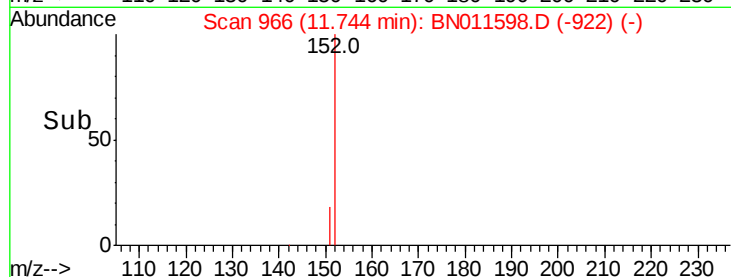
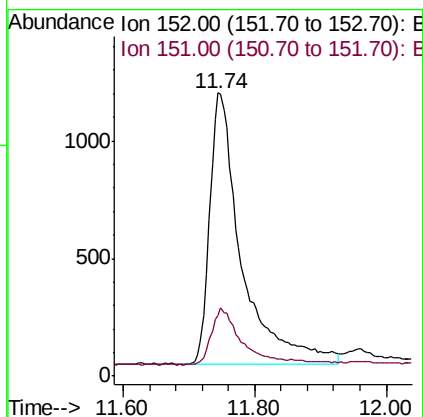
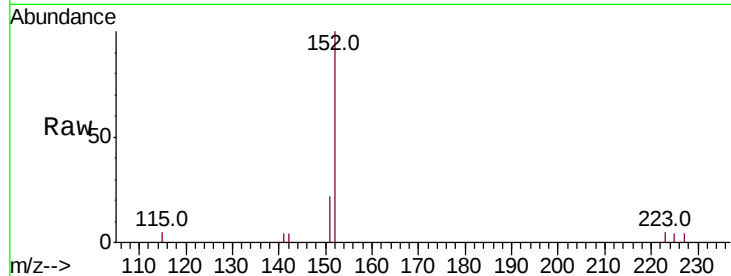




#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 11.74 min Scan# 966
Delta R.T. -0.00 min
Lab File: BN011598.D
Acq: 22 Aug 2020 22:22

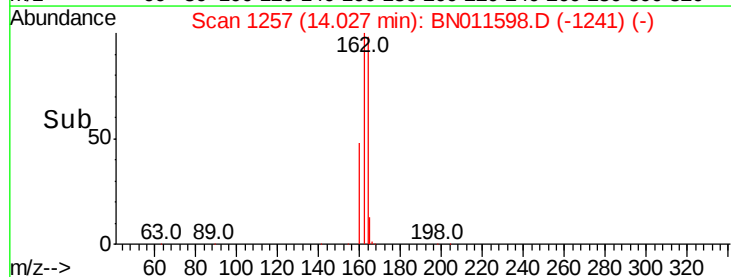
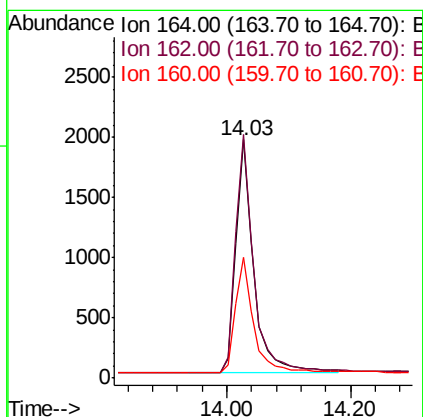
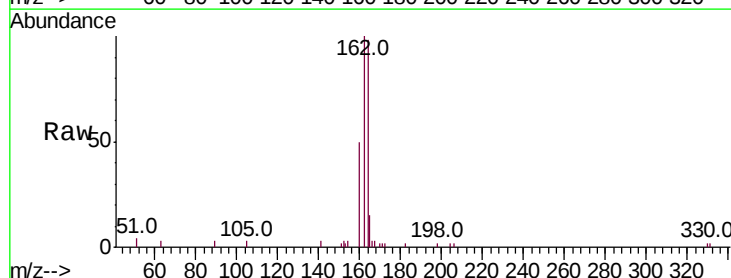
Instrument :
BNA_N
ClientSampleId :
SP5241

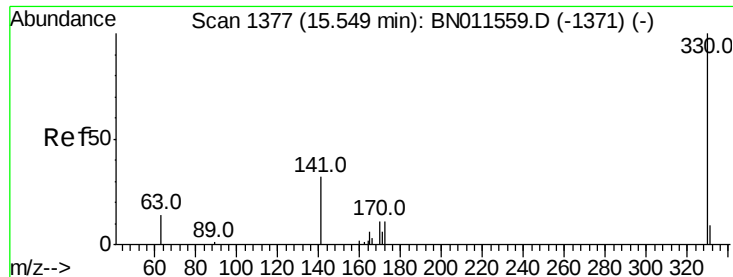
Tot Ion:152 Resp: 3882
Ion Ratio Lower Upper
152 100
151 19.6 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BN011598.D
Acq: 22 Aug 2020 22:22

Tgt Ion:164 Resp: 3926
Ion Ratio Lower Upper
164 100
162 102.2 83.7 125.5
160 50.7 41.1 61.7

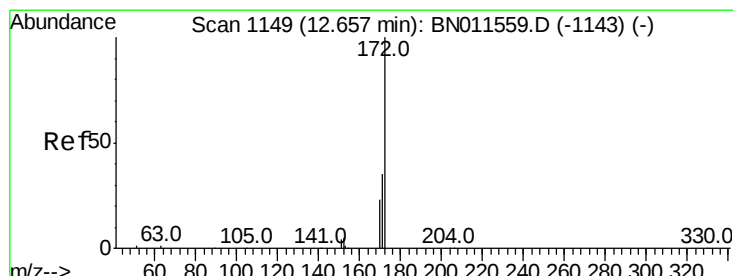
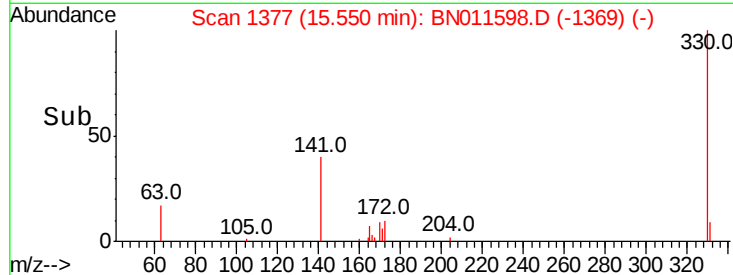
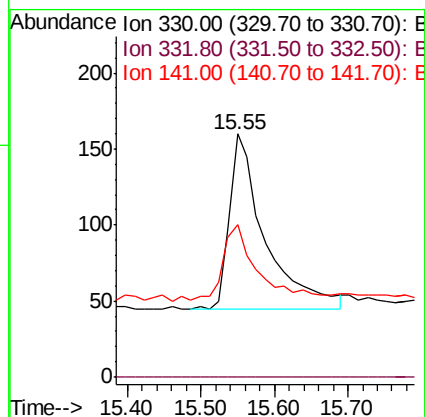
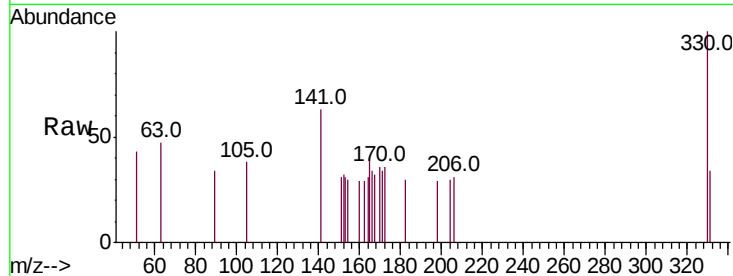




#14
 2,4,6-Tribromophenol
 Concen: 0.196 ng
 RT: 15.55 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BN011598.D
 Acq: 22 Aug 2020 22:22

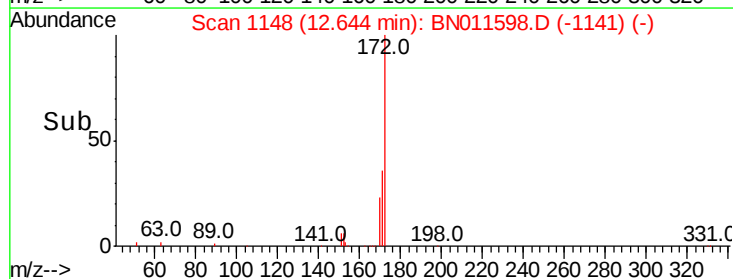
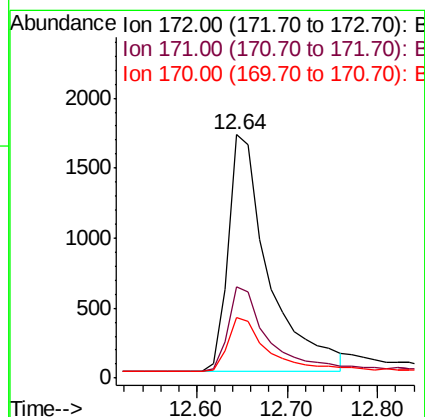
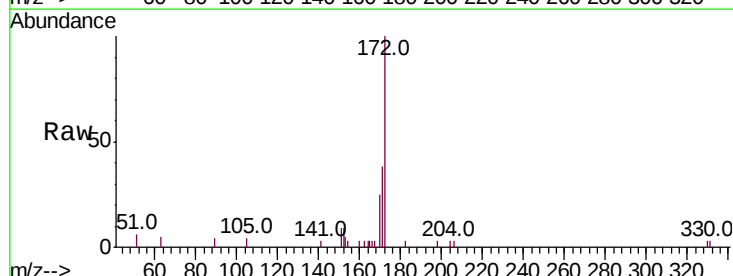
Instrument :
 BNA_N
 ClientSampleId :
 SP5241

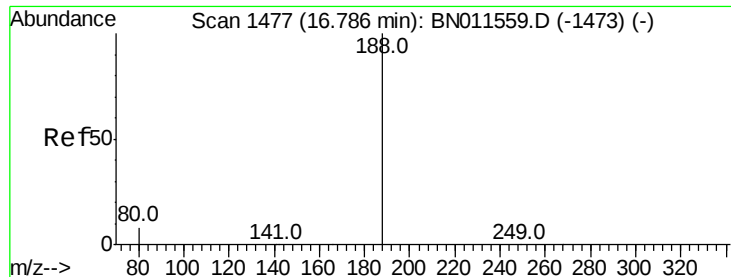
Tot Ion:330 Resp: 384
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.1 34.6 52.0



#15
 2-Fluorobiphenyl
 Concen: 0.326 ng
 RT: 12.64 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BN011598.D
 Acq: 22 Aug 2020 22:22

Tgt Ion:172 Resp: 5264
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.4 44.0
 170 24.8 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SP5241

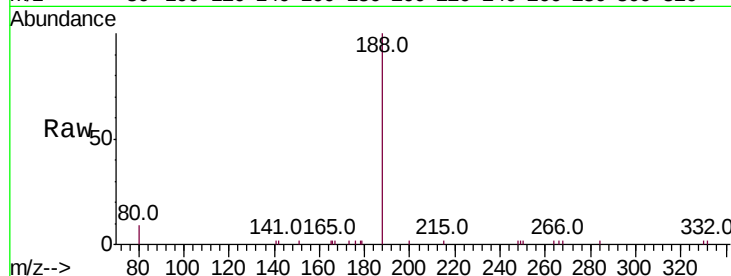
Tot Ion:188 Resp: 7550

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

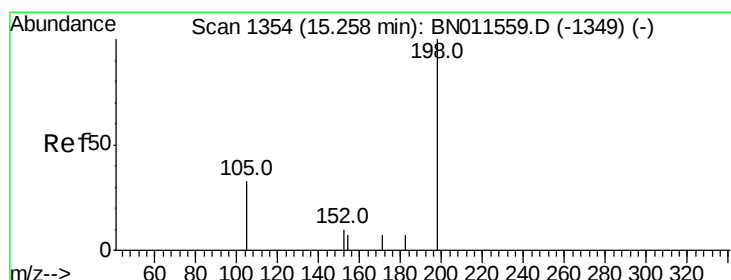
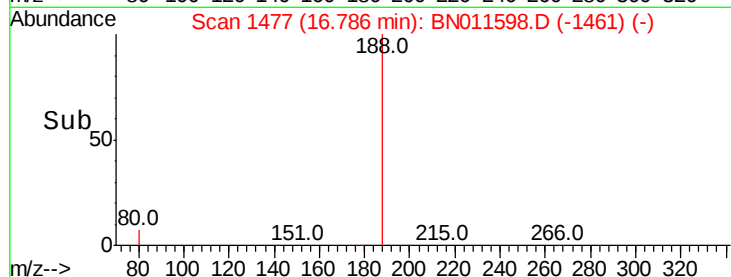
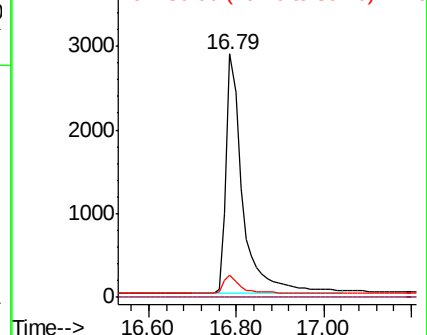
80 9.0 7.6 11.4



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: 0.176 ng

RT: 15.25 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

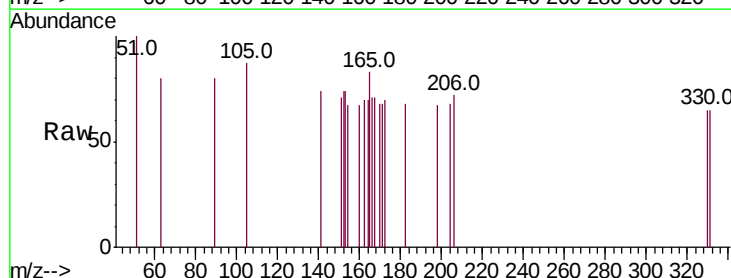
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 150.0 89.4 134.2#

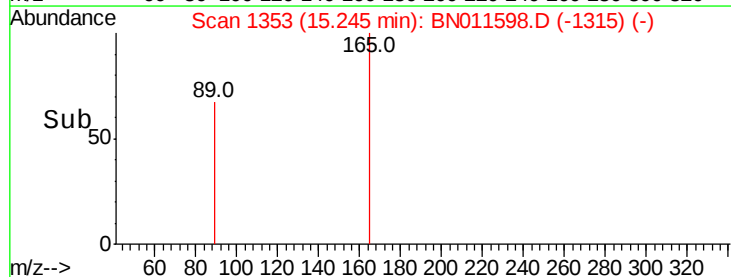
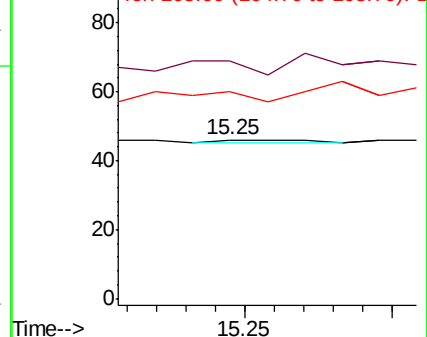
105 130.4 70.6 105.8#

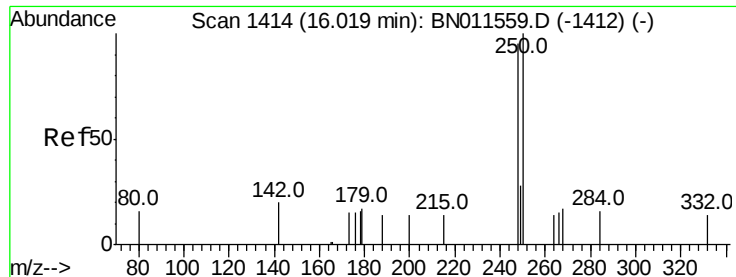


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

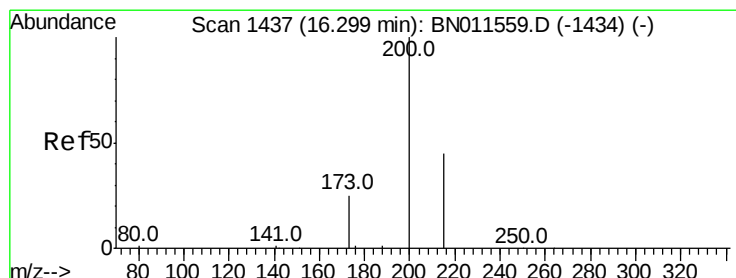
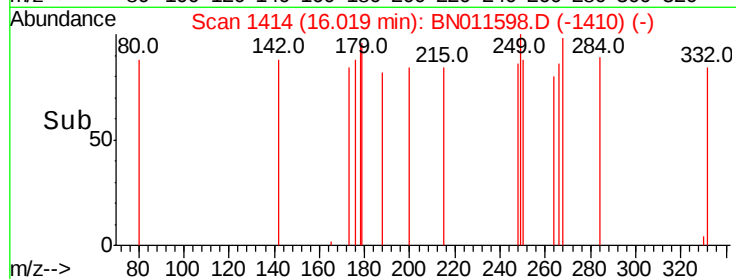
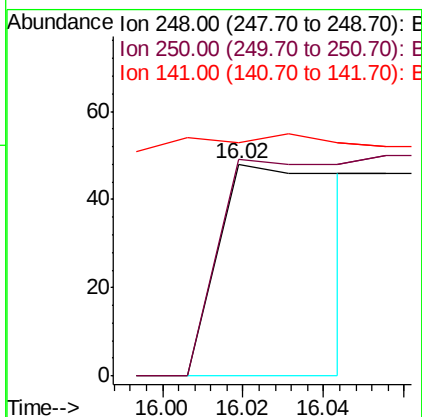
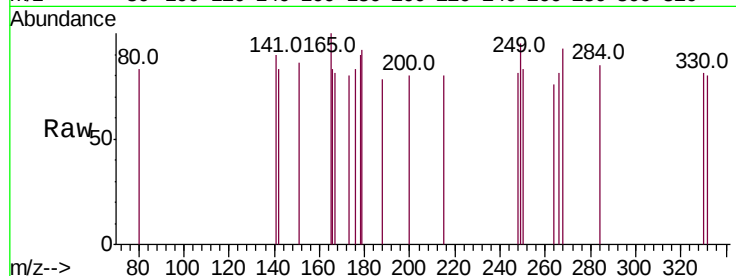




#21
4-Bromophenyl-phenylether
Concen: 0.063 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011598.D
Acq: 22 Aug 2020 22:22

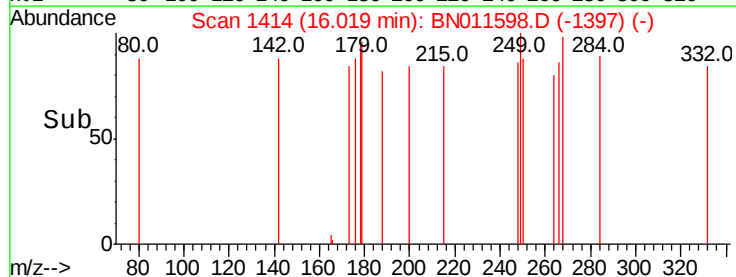
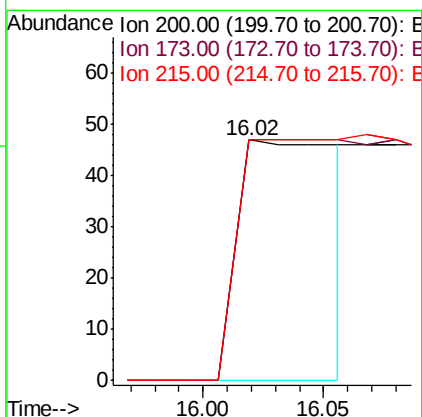
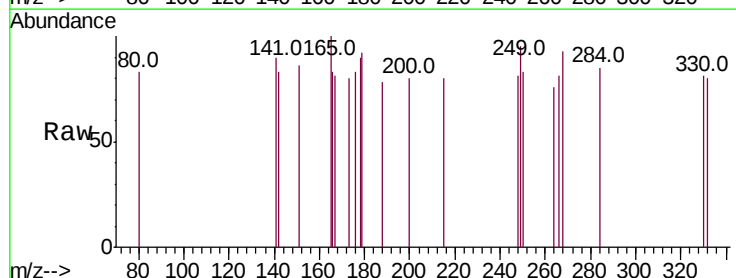
Instrument :
BNA_N
ClientSampled :
SP5241

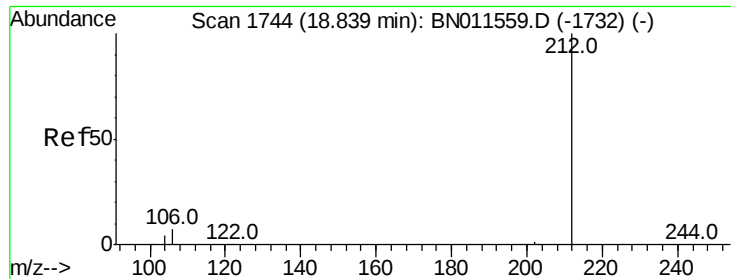
Tot Ion:248 Resp: 104
Ion Ratio Lower Upper
248 100
250 102.1 83.8 125.8
141 110.4 41.0 61.6#



#23
Atrazine
Concen: 0.035 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.28 min
Lab File: BN011598.D
Acq: 22 Aug 2020 22:22

Tgt Ion:200 Resp: 137
Ion Ratio Lower Upper
200 100
173 100.0 27.7 41.5#
215 100.0 41.5 62.3#

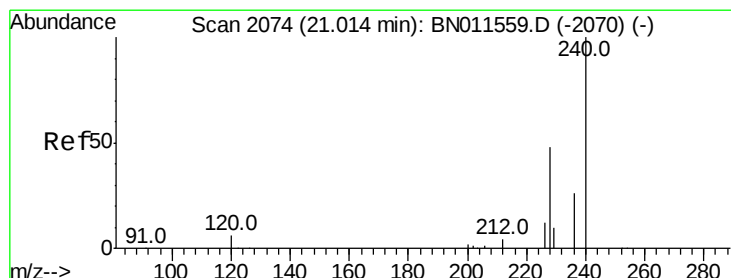
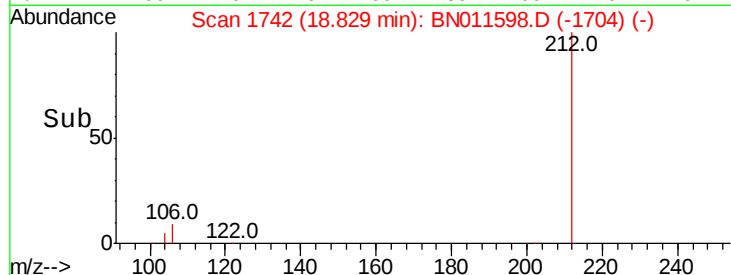
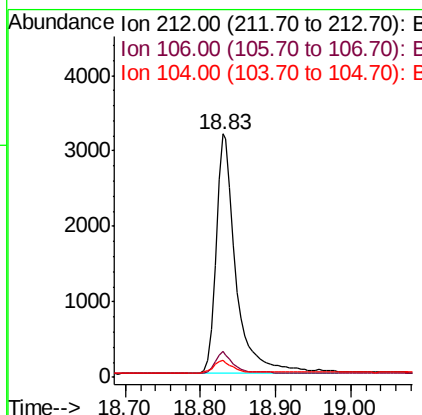
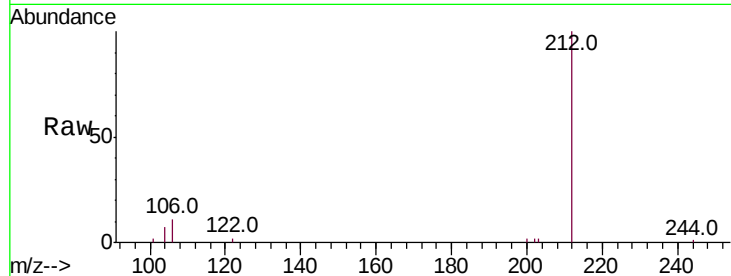




#27
 Fluoranthene-d10
 Concen: 0.237 ng
 RT: 18.83 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BN011598.D
 Acq: 22 Aug 2020 22:22

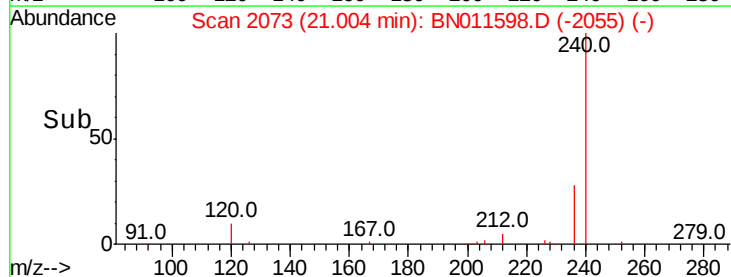
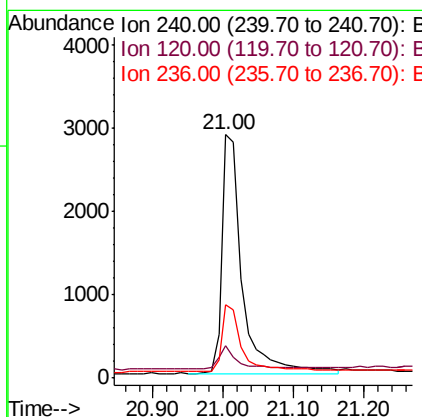
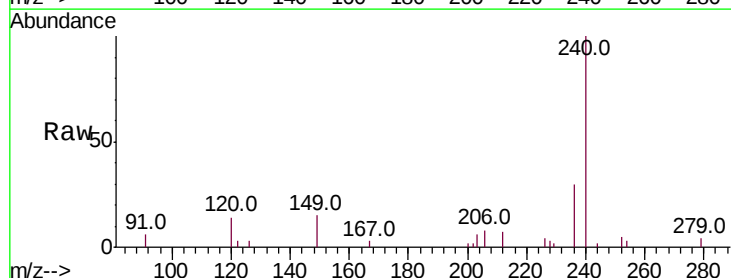
Instrument :
 BNA_N
 ClientSampleId :
 SP5241

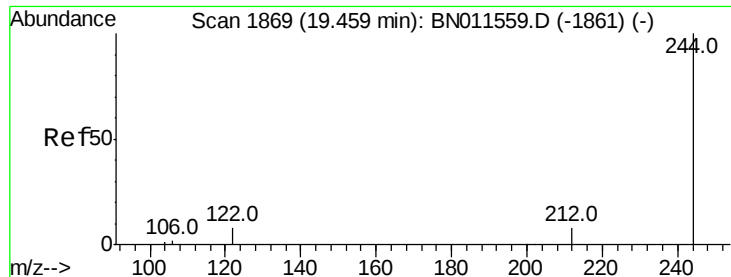
Tot Ion:212 Resp: 6029
 Ion Ratio Lower Upper
 212 100
 106 8.6 6.2 9.2
 104 5.1 3.8 5.6



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.00 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BN011598.D
 Acq: 22 Aug 2020 22:22

Tgt Ion:240 Resp: 5793
 Ion Ratio Lower Upper
 240 100
 120 13.5 7.4 11.0#
 236 30.0 22.3 33.5





#31

Terphenyl-d14

Concen: 0.322 ng

RT: 19.45 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SP5241

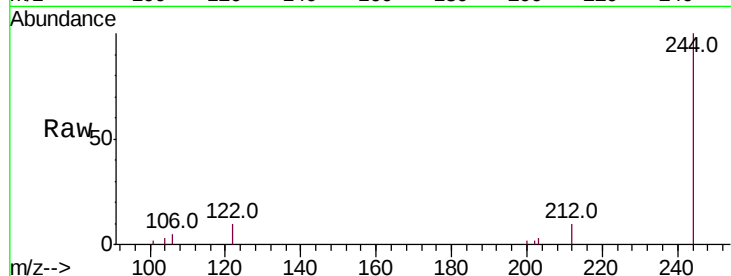
Tot Ion:244 Resp: 4863

Ion Ratio Lower Upper

244 100

212 9.6 8.2 12.4

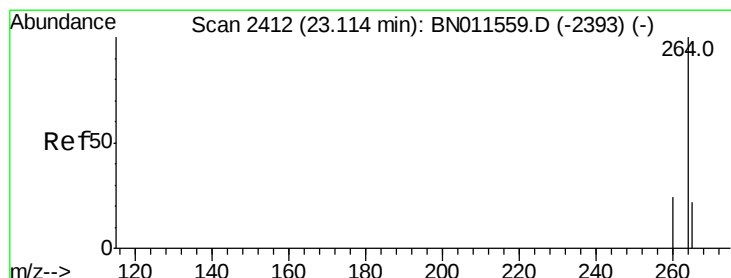
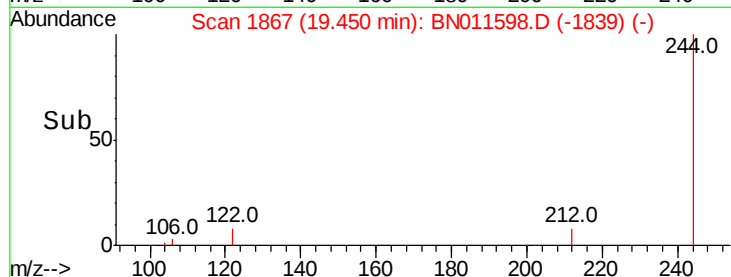
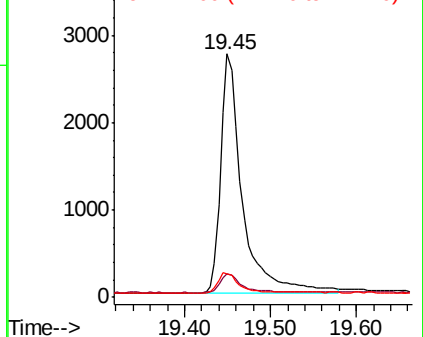
122 9.9 8.0 12.0



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2407

Delta R.T. -0.02 min

Lab File: BN011598.D

Acq: 22 Aug 2020 22:22

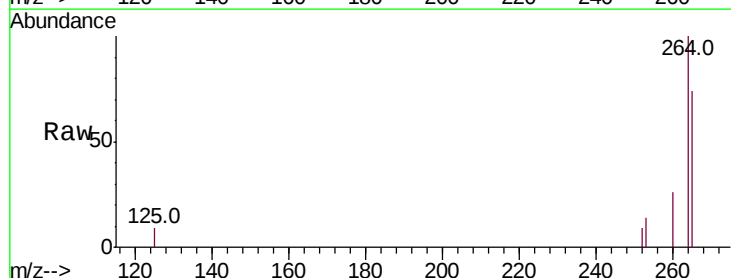
Tgt Ion:264 Resp: 6715

Ion Ratio Lower Upper

264 100

260 25.9 20.3 30.5

265 73.6 96.1 144.1#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

