

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011580.D
 Acq On : 22 Aug 2020 10:18
 Operator : CG/JU
 Sample : L3768-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-13

Quant Time: Aug 24 01:53:07 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

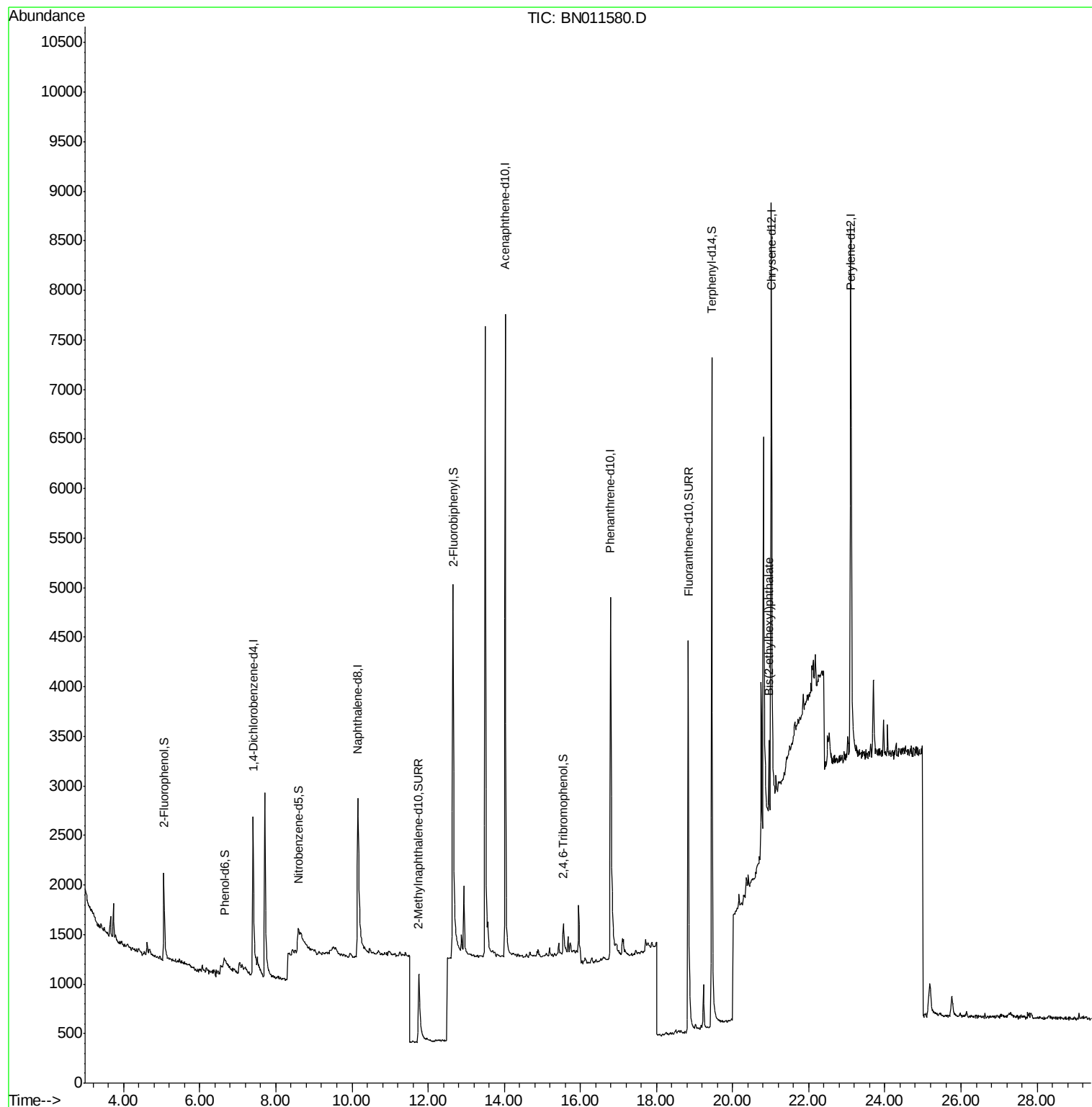
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1374	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4710	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3943	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	8466	0.40	ng	0.00
29) Chrysene-d12	21.01	240	7657	0.40	ng	0.00
36) Perylene-d12	23.10	264	8178	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1137	0.39	ng	0.00
5) Phenol-d6	6.66	99	582	0.20	ng	0.03
8) Nitrobenzene-d5	8.59	82	815	0.26	ng	0.04
11) 2-Methylnaphthalene-d10	11.75	152	1942	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	466	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	5629	0.35	ng	0.00
27) Fluoranthene-d10	18.83	212	5864	0.21	ng	0.00
31) Terphenyl-d14	19.45	244	9060	0.45	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phthalate	20.95	149	877	0.079	ng	95

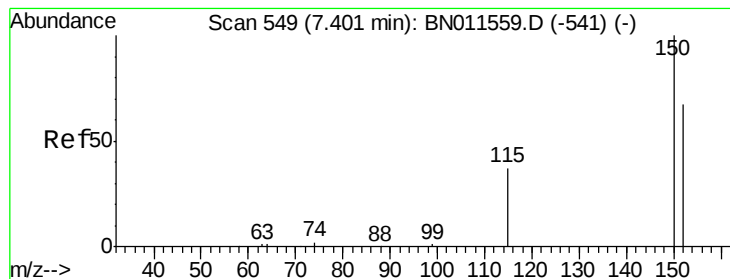
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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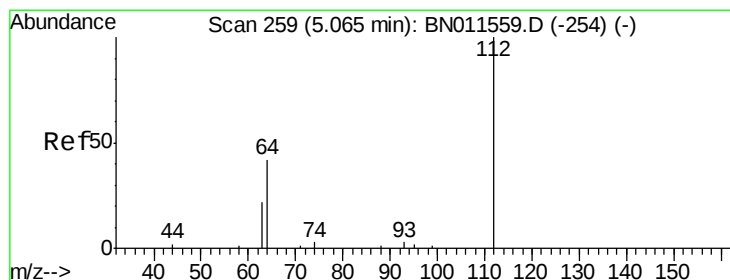
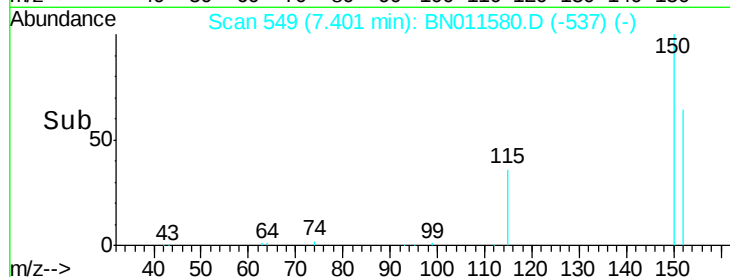
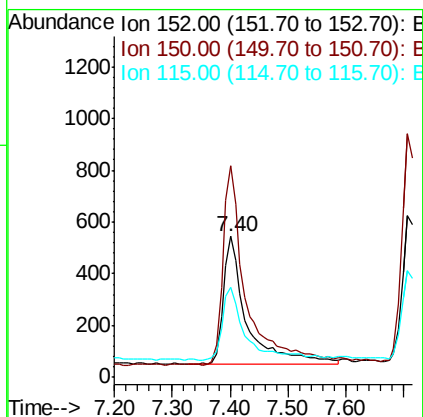
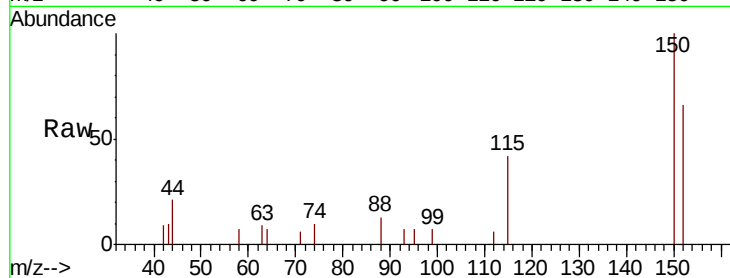


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 549
Delta R.T. 0.00 min
Lab File: BN011580.D
Acq: 22 Aug 2020 10:18

Instrument :
BNA_N
ClientSampleId :
CS-13

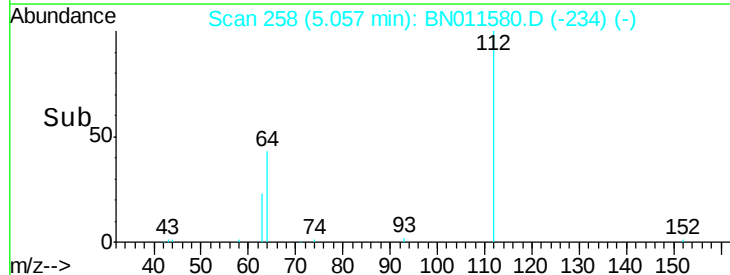
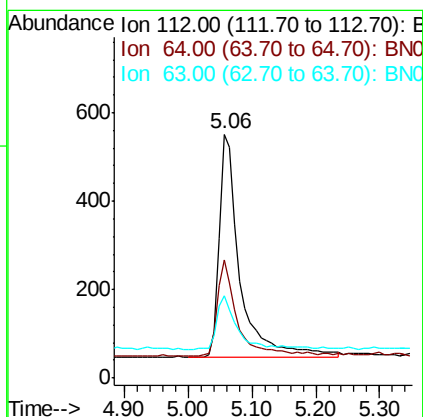
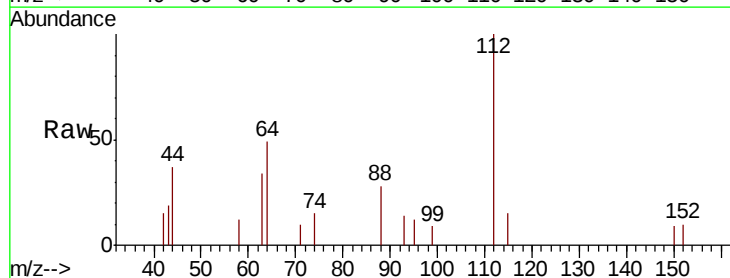
Tot Ion:152 Resp: 1374
Ion Ratio Lower Upper
152 100
150 150.5 117.1 175.7
115 63.7 48.7 73.1

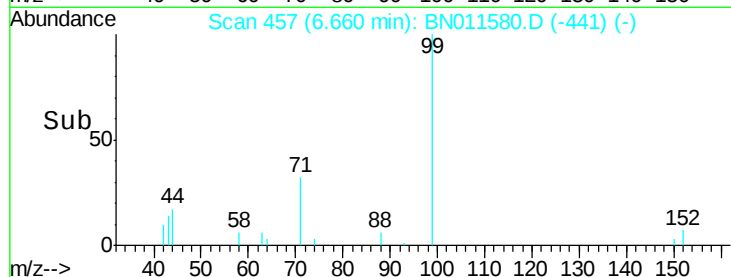
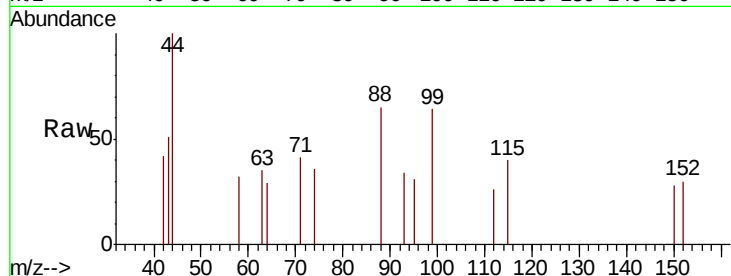
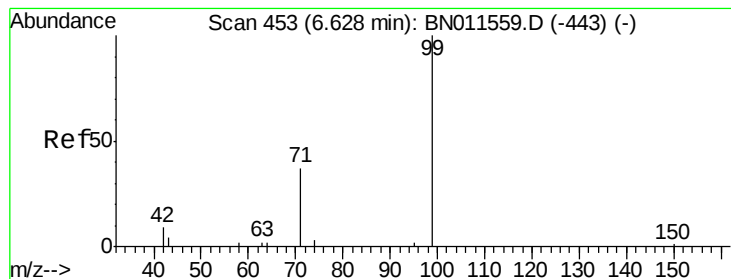


#4

2-Fluorophenol
Concen: 0.388 ng
RT: 5.06 min Scan# 258
Delta R.T. -0.01 min
Lab File: BN011580.D
Acq: 22 Aug 2020 10:18

Tgt Ion:112 Resp: 1137
Ion Ratio Lower Upper
112 100
64 40.9 33.9 50.9
63 23.7 17.7 26.5





#5

Phenol-d6

Concen: 0.197 ng

RT: 6.66 min Scan# 457

Delta R.T. 0.03 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

Instrument :

BNA_N

ClientSampled :

CS-13

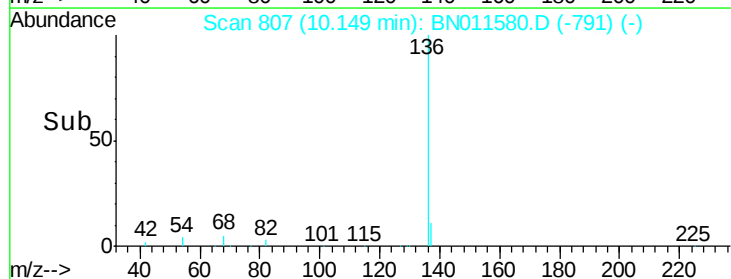
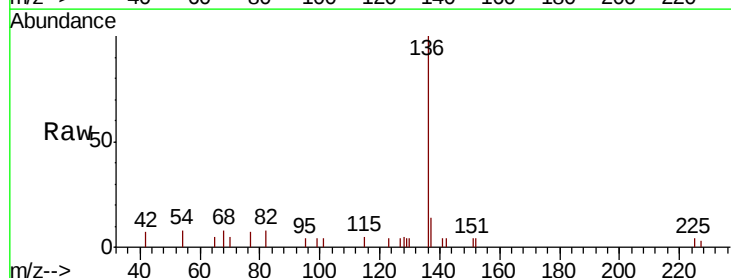
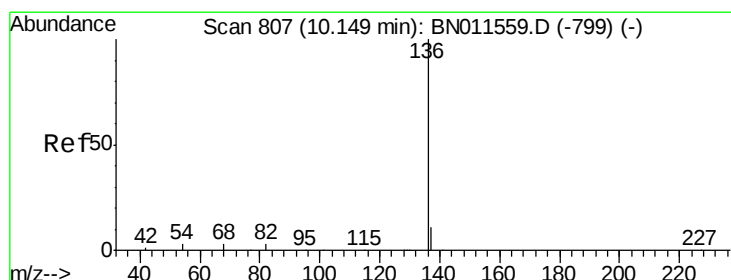
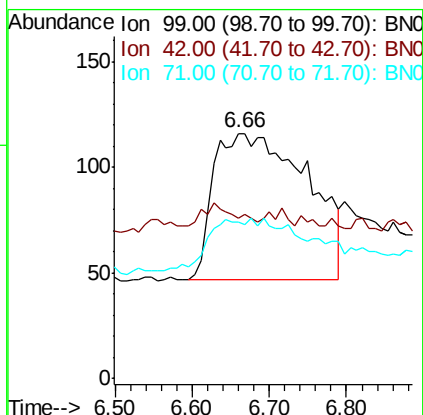
Tot Ion: 99 Resp: 582

Ion Ratio Lower Upper

99 100

42 0.0 9.0 13.4#

71 13.9 30.4 45.6#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 807

Delta R.T. 0.00 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

Tgt Ion: 136 Resp: 4710

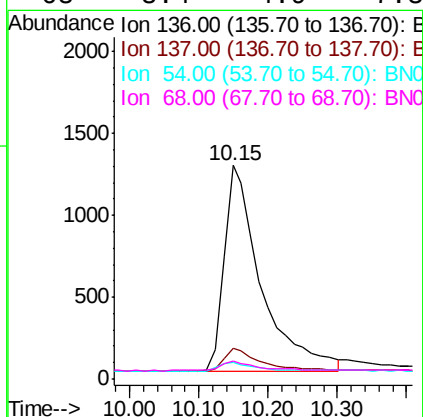
Ion Ratio Lower Upper

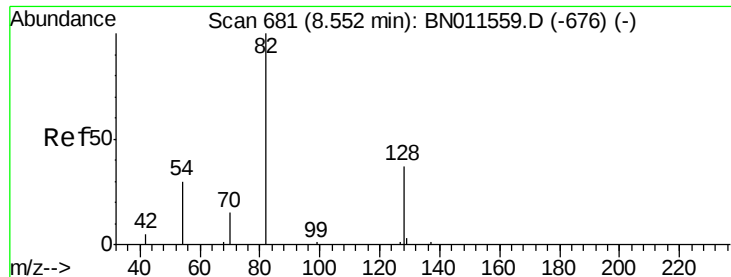
136 100

137 14.2 11.0 16.4

54 7.9 4.3 6.5#

68 8.4 4.9 7.3#





#8

Nitrobenzene-d5

Concen: 0.263 ng

RT: 8.59 min Scan# 684

Delta R.T. 0.04 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

Instrument :

BNA_N

ClientSampled :

CS-13

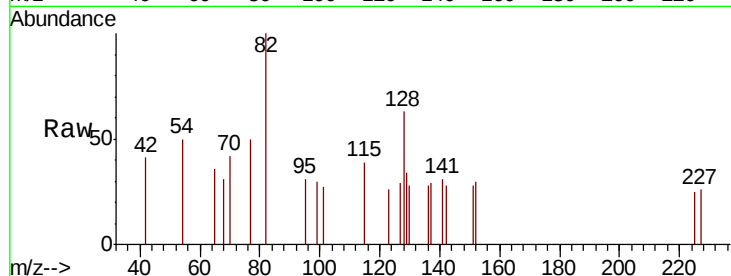
Tot Ion: 82 Resp: 815

Ion Ratio Lower Upper

82 100

128 63.3 41.7 62.5#

54 49.7 34.4 51.6

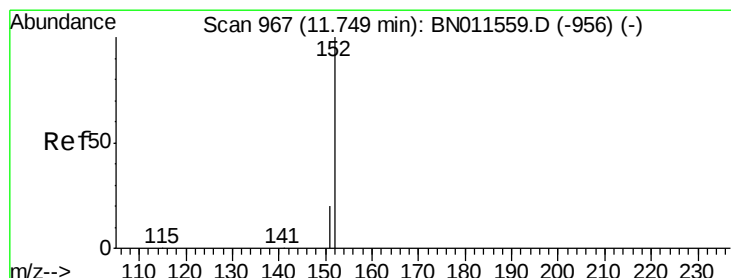
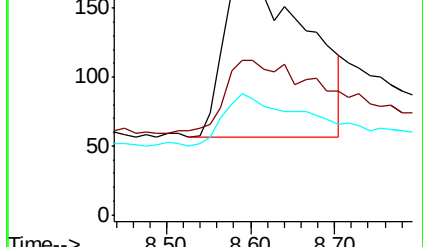
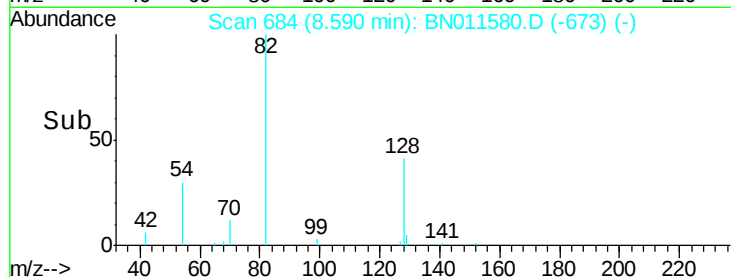


Abundance Ion 82.00 (81.70 to 82.70): BN011559.D (-676) (-)

Ion 128.00 (127.70 to 128.70): BN011559.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BN011559.D (-676) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.231 ng

RT: 11.75 min Scan# 968

Delta R.T. 0.00 min

Lab File: BN011580.D

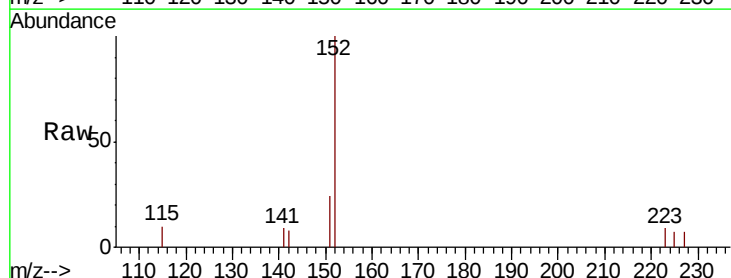
Acq: 22 Aug 2020 10:18

Tgt Ion: 152 Resp: 1942

Ion Ratio Lower Upper

152 100

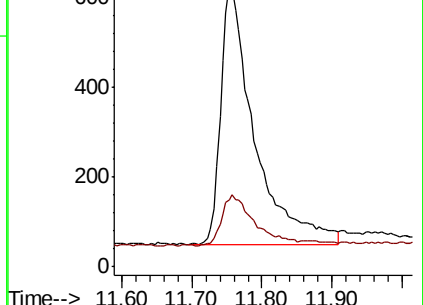
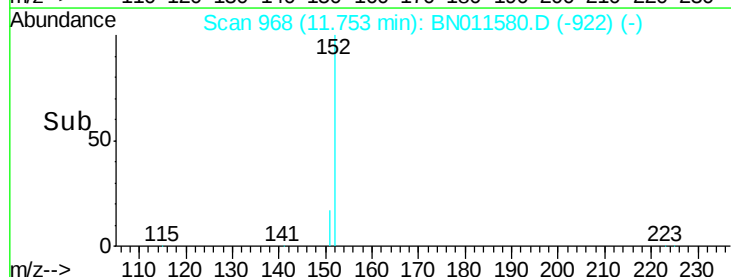
151 18.7 16.6 24.8

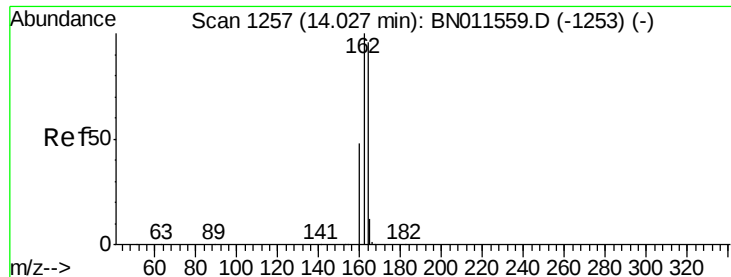


Abundance Ion 152.00 (151.70 to 152.70): BN011559.D (-956) (-)

Ion 151.00 (150.70 to 151.70): BN011559.D (-956) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

Instrument :

BNA_N

ClientSampleId :

CS-13

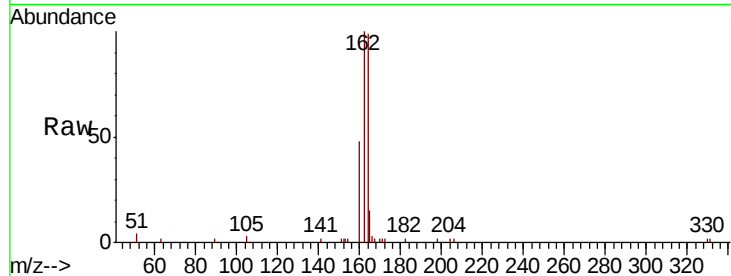
Tot Ion:164 Resp: 3943

Ion Ratio Lower Upper

164 100

162 100.6 83.7 125.5

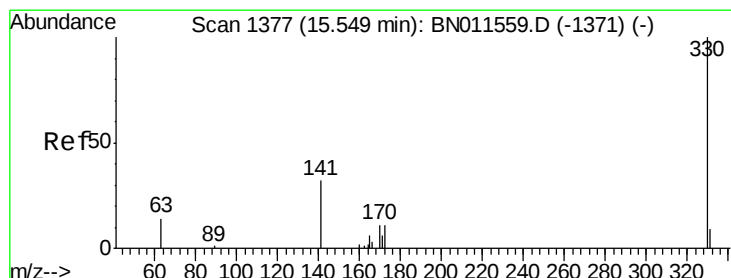
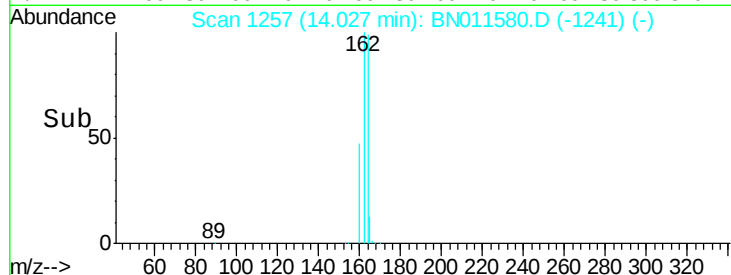
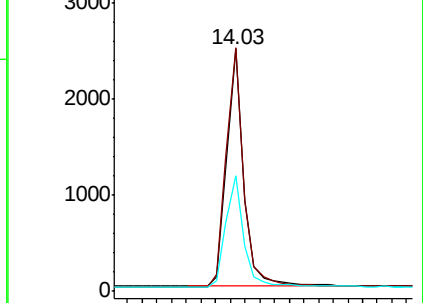
160 47.9 41.1 61.7



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: 0.237 ng

RT: 15.55 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

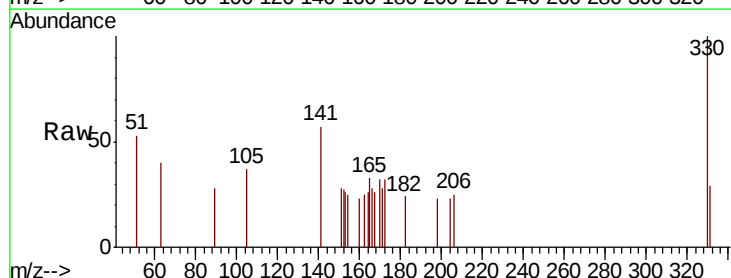
Tgt Ion:330 Resp: 466

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

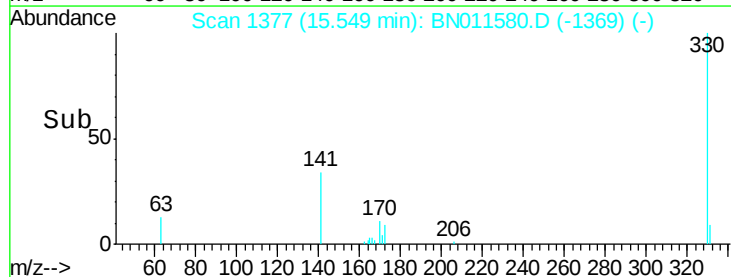
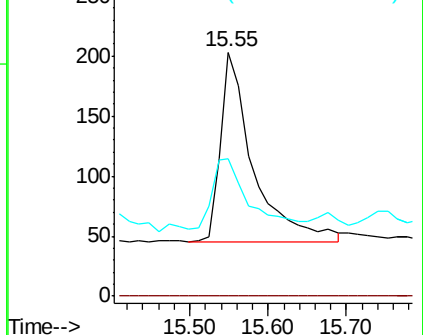
141 40.3 34.6 52.0

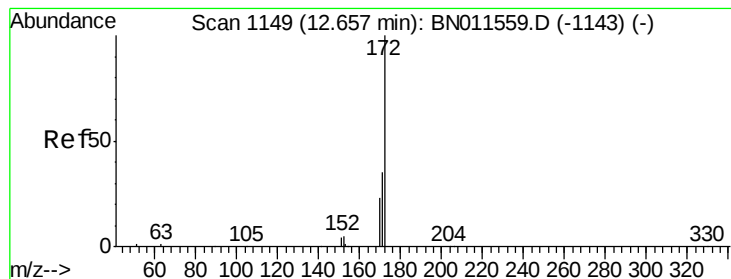


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.347 ng

RT: 12.66 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

Instrument :

BNA_N

ClientSampled :

CS-13

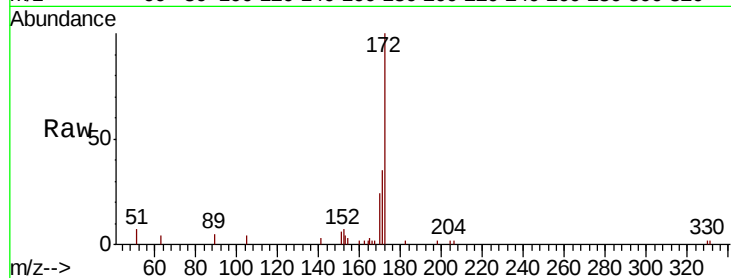
Tot Ion:172 Resp: 5629

Ion Ratio Lower Upper

172 100

171 35.2 29.4 44.0

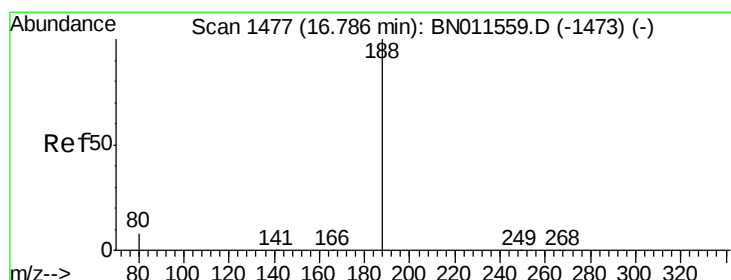
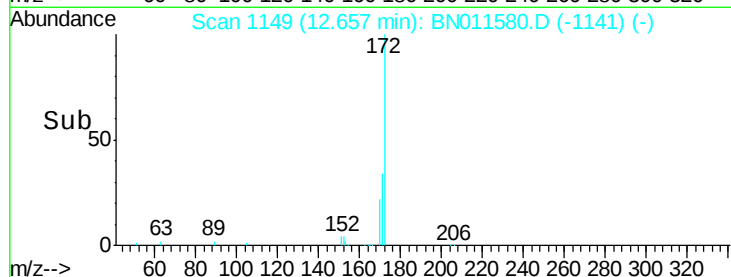
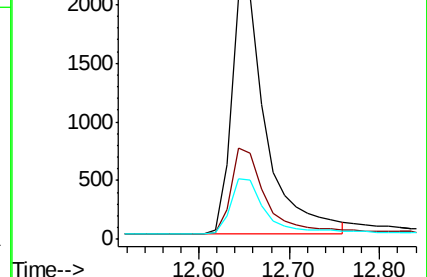
170 24.1 20.1 30.1



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

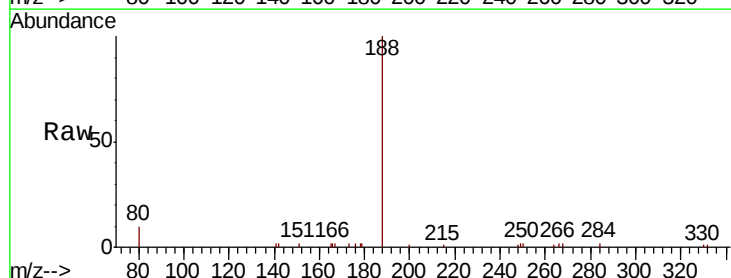
Tgt Ion:188 Resp: 8466

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

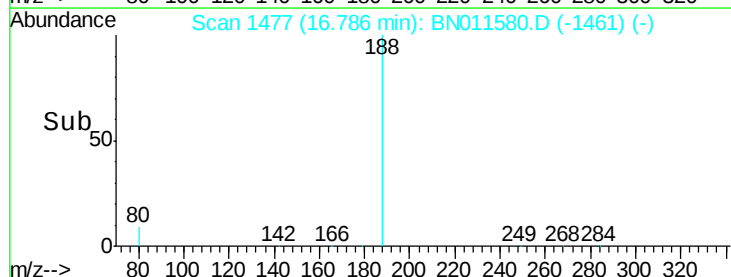
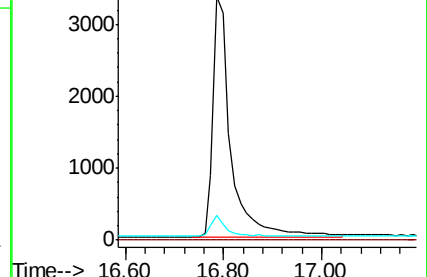
80 10.3 7.6 11.4

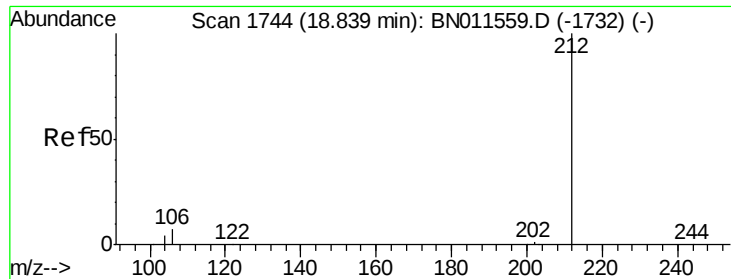


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

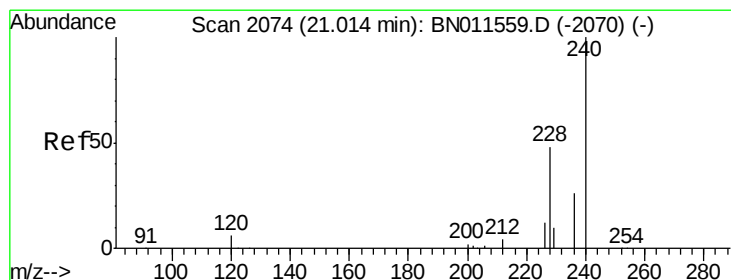
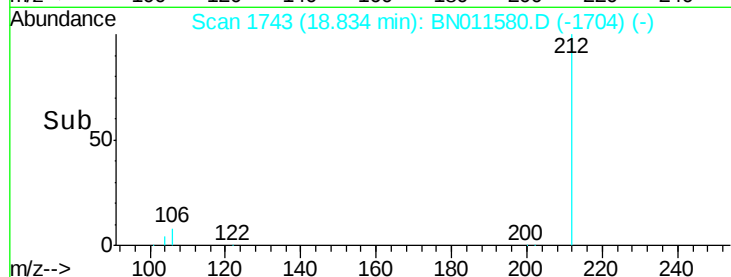
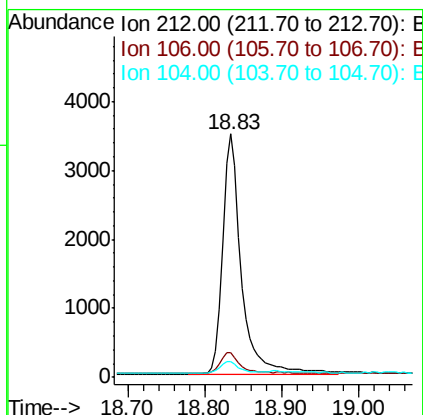
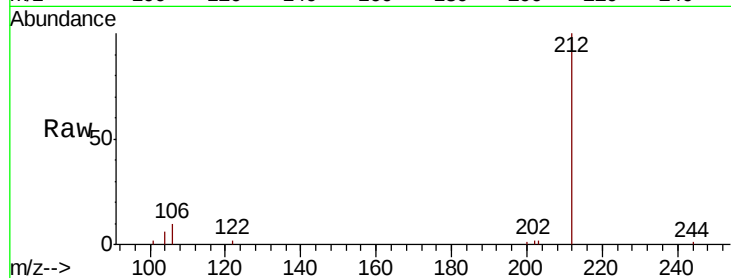




#27
 Fluoranthene-d10
 Concen: 0.206 ng
 RT: 18.83 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BN011580.D
 Acq: 22 Aug 2020 10:18

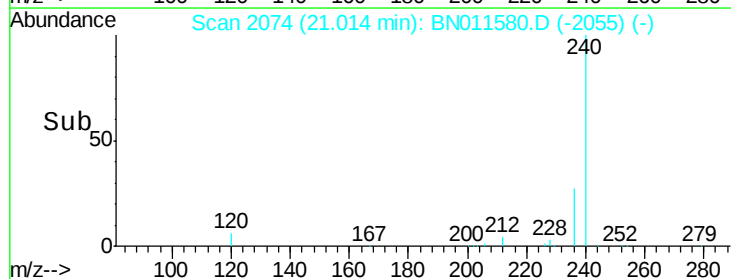
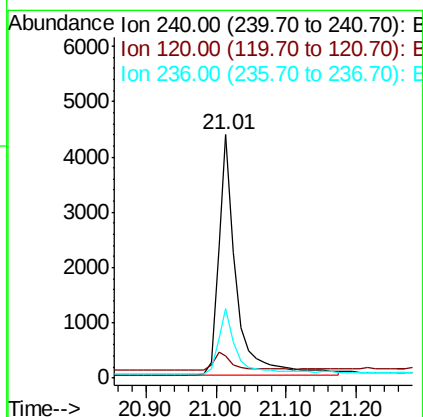
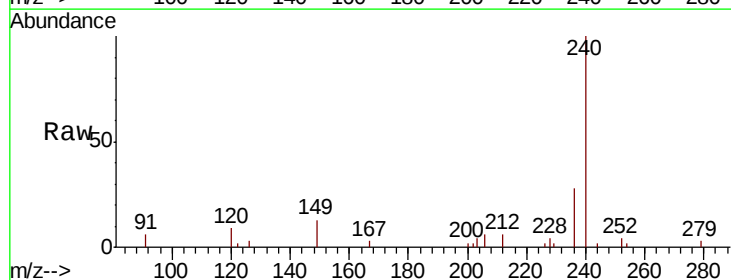
Instrument :
 BNA_N
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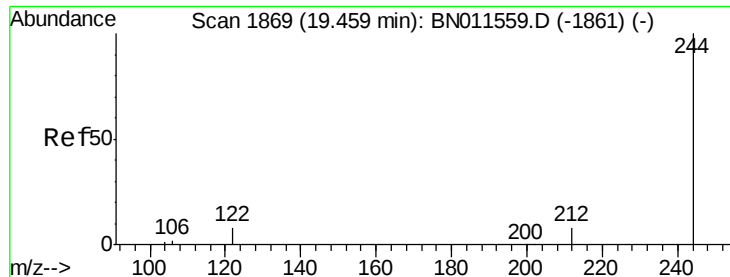
Tot Ion:212 Resp: 5864
 Ion Ratio Lower Upper
 212 100
 106 8.6 6.2 9.2
 104 5.1 3.8 5.6



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.01 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BN011580.D
 Acq: 22 Aug 2020 10:18

Tgt Ion:240 Resp: 7657
 Ion Ratio Lower Upper
 240 100
 120 9.0 7.4 11.0
 236 28.4 22.3 33.5





#31

Terphenyl-d14

Concen: 0.454 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

Instrument :

BNA_N

ClientSampleId :

CS-13

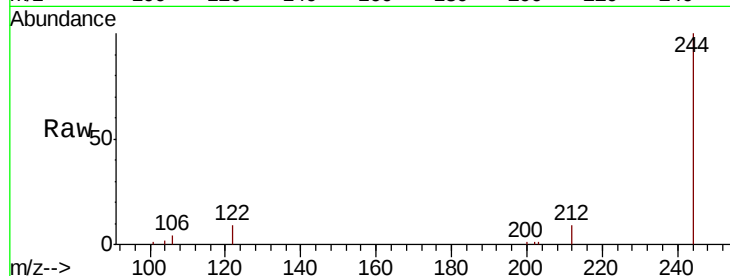
Tot Ion:244 Resp: 9060

Ion Ratio Lower Upper

244 100

212 8.9 8.2 12.4

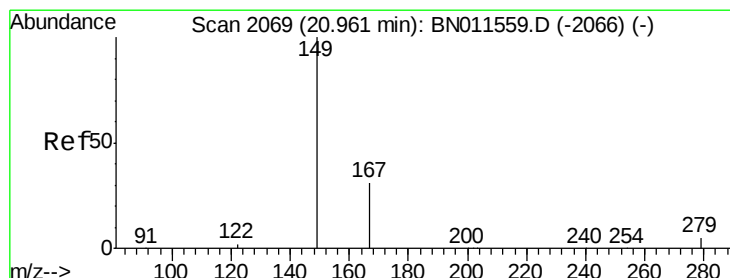
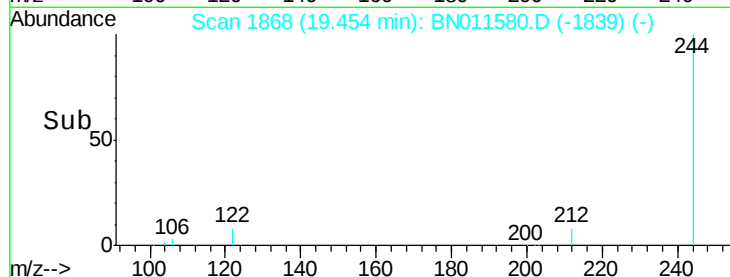
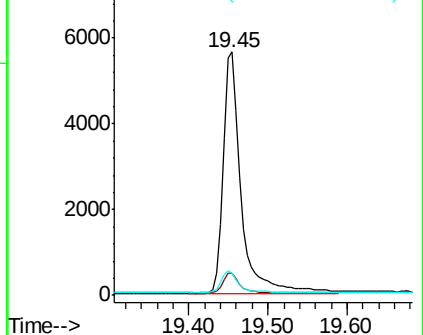
122 9.2 8.0 12.0



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.079 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

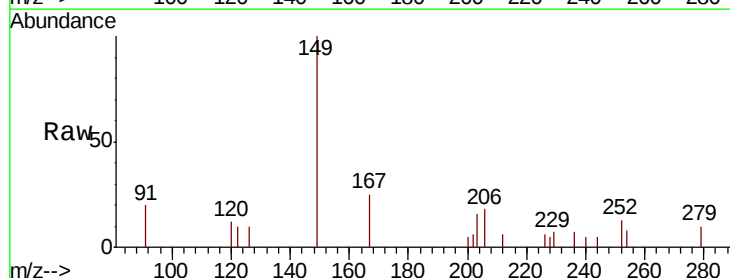
Tgt Ion:149 Resp: 877

Ion Ratio Lower Upper

149 100

167 25.3 22.8 34.2

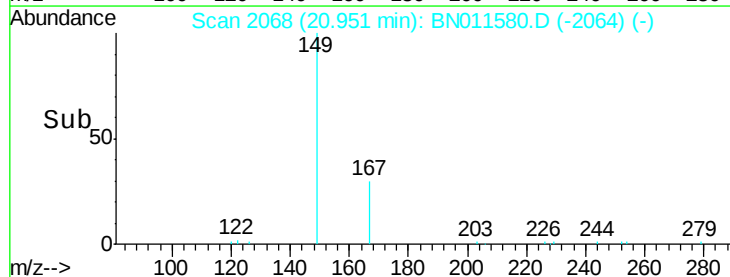
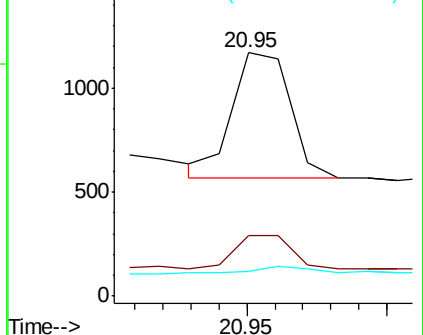
279 4.7 4.2 6.2

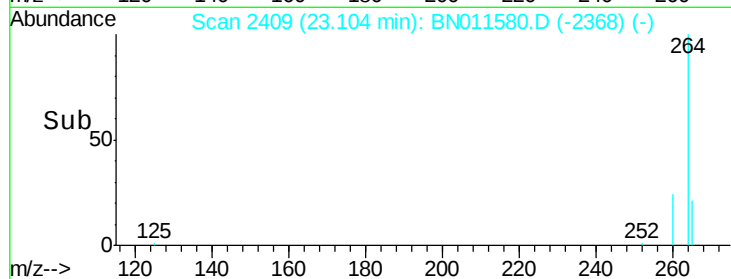
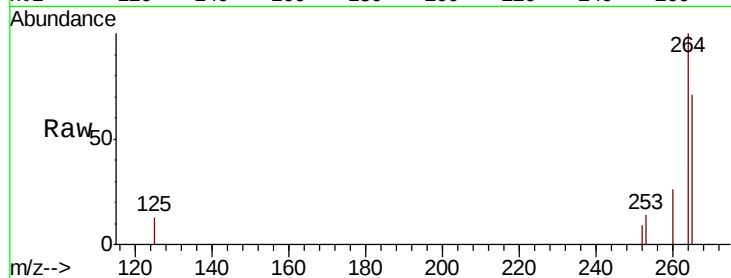
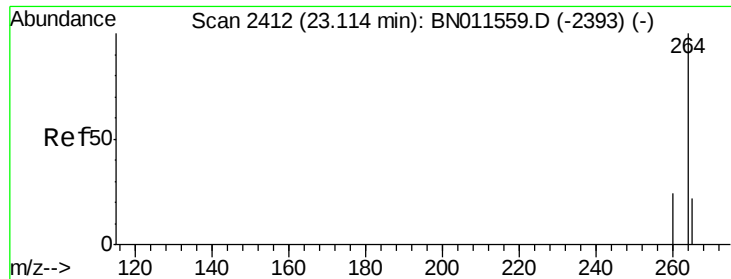


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.10 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

Instrument :

BNA_N

ClientSampleId :

CS-13

Tot Ion:264 Resp: 8178

Ion Ratio Lower Upper

264 100

260 25.6 20.3 30.5

265 70.9 96.1 144.1#

