

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 01:23:39 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

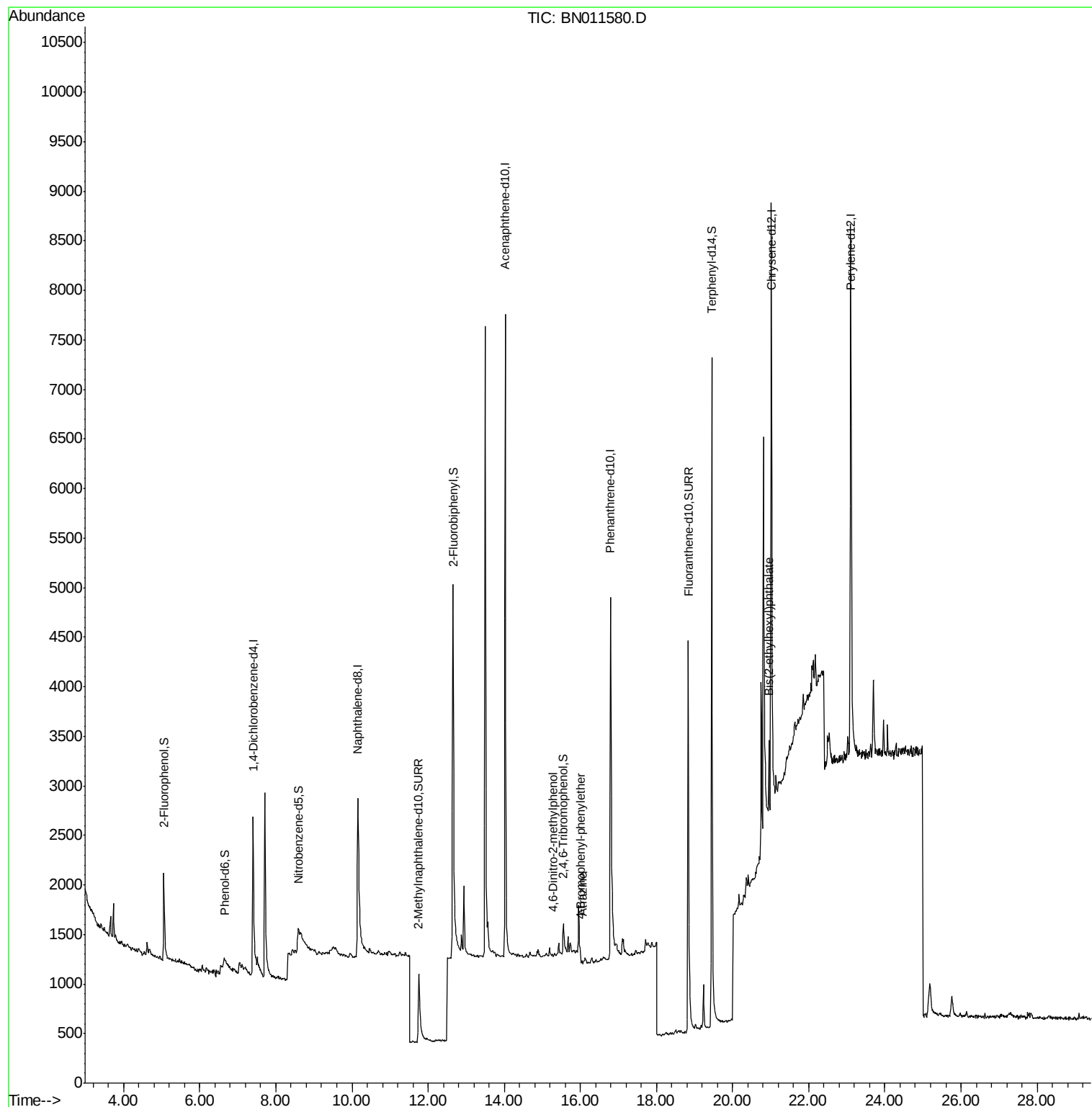
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1374	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4710	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3943	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	8466	0.40	ng	0.00
29) Chrysene-d12	21.01	240	7657	0.40	ng	0.00
36) 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						
20) 4,6-Dinitro-2-methylphenol	15.27	198	5	0.178	ng	# 15
21) 4-Bromophenyl-phenylether	16.02	248	101	0.055	ng	# 62
23) Atrazine	16.06	200	312	0.071	ng	# 13
34) Bis(2-ethylhexyl)phthalate	20.95	149	877	0.079	ng	95

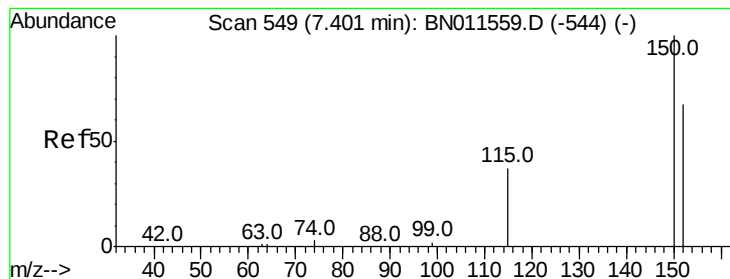
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

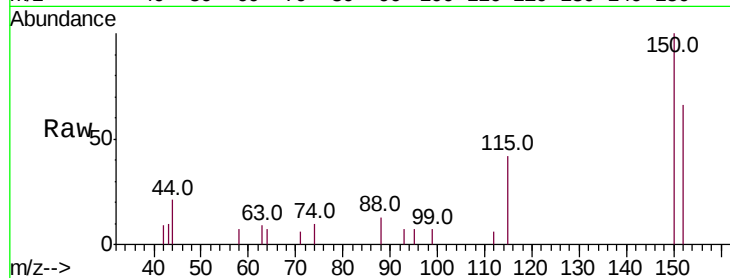
Tot Ion:152 Resp: 1374

Ion Ratio Lower Upper

152 100

150 150.5 117.1 175.7

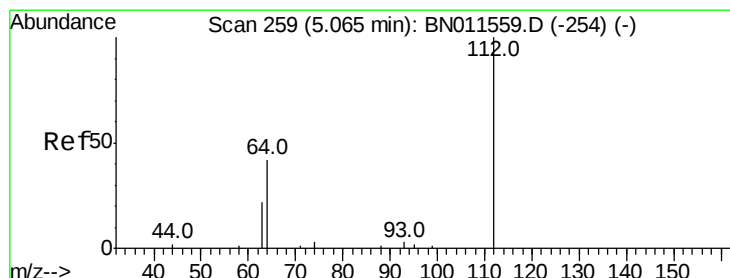
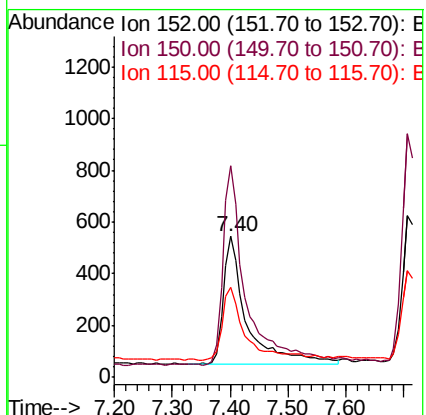
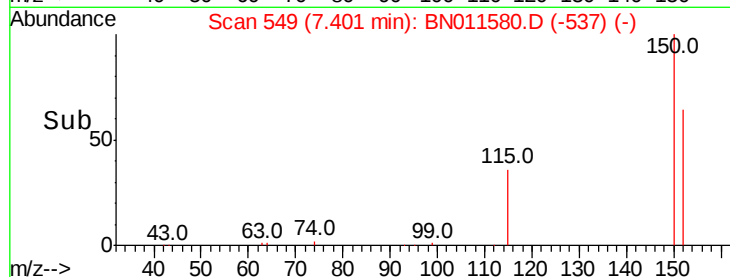
115 63.7 48.7 73.1



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



#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

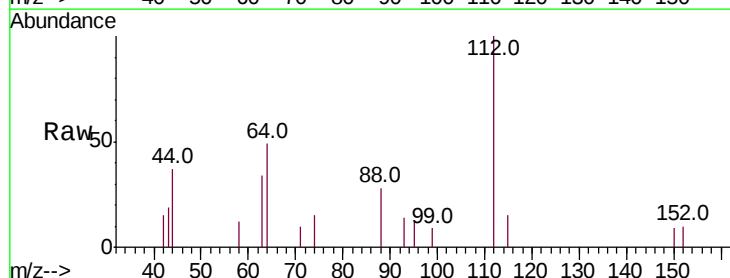
Tgt Ion:112 Resp: 1137

Ion Ratio Lower Upper

112 100

64 40.9 33.9 50.9

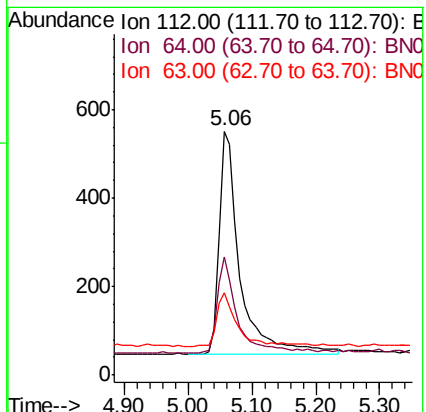
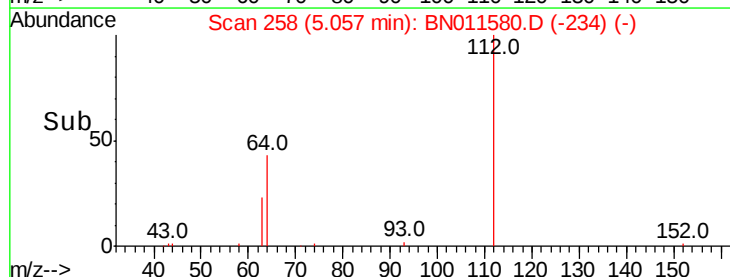
63 23.7 17.7 26.5

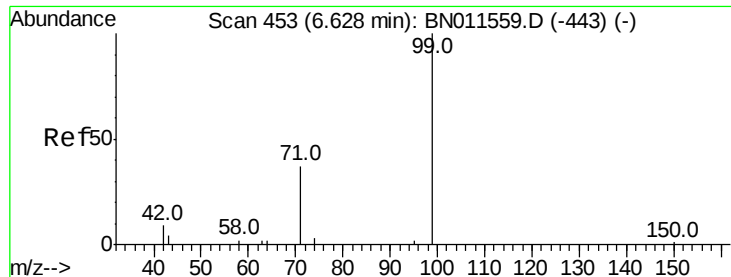


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#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

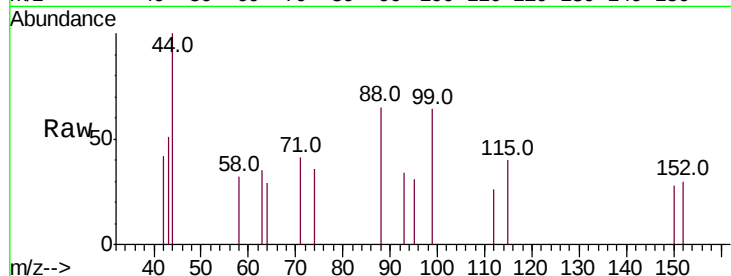
Tot Ion: 99 Resp: 582

Ion Ratio Lower Upper

99 100

42 0.0 9.0 13.4#

71 13.9 30.4 45.6#



Abundance Ion 99.00 (98.70 to 99.70): BN011559.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011559.D (-443) (-)

Ion 71.00 (70.70 to 71.70): BN011559.D (-443) (-)

6.66

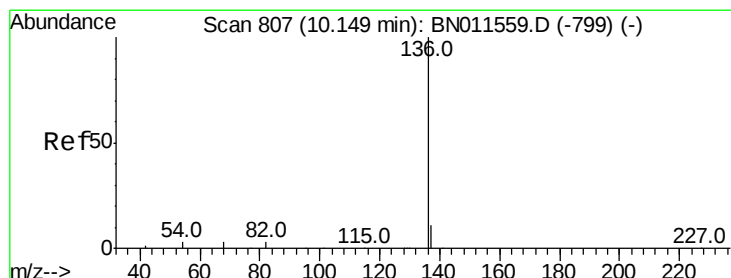
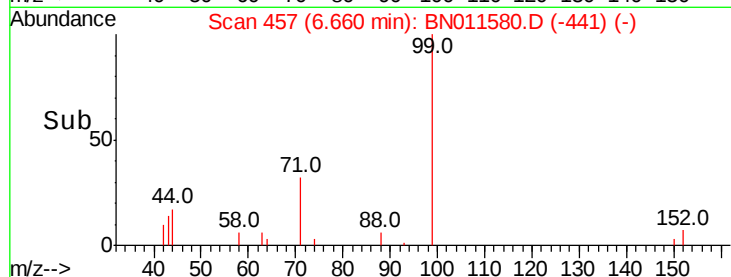
100

50

0

6.50 6.60 6.70 6.80

Time-->



#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

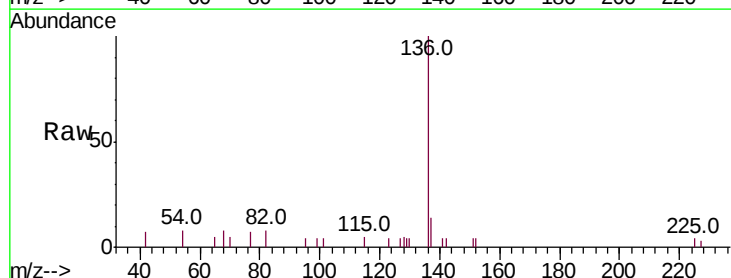
Ion Ratio Lower Upper

136 100

137 14.2 11.0 16.4

54 7.9 4.3 6.5#

68 8.4 4.9 7.3#



Abundance Ion 136.00 (135.70 to 136.70): BN011559.D (-799) (-)

Ion 137.00 (136.70 to 137.70): BN011559.D (-799) (-)

Ion 54.00 (53.70 to 54.70): BN011559.D (-799) (-)

Ion 68.00 (67.70 to 68.70): BN011559.D (-799) (-)

10.15

2000

1500

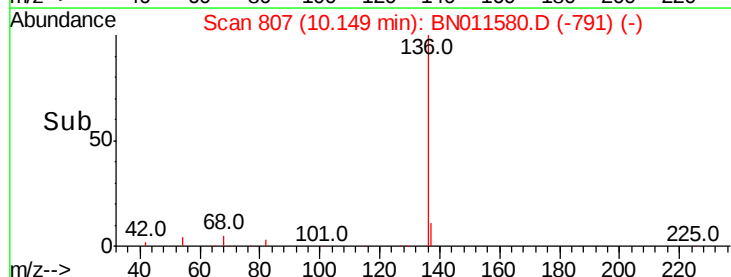
1000

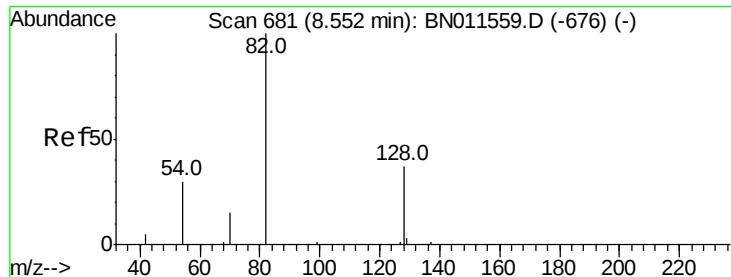
500

0

10.00 10.10 10.20 10.30

Time-->





#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

ClientSampleId :

CS-13

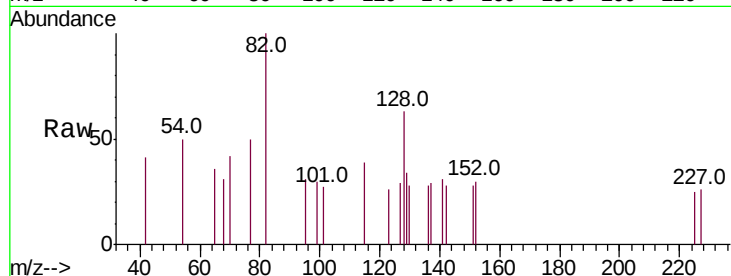
Tot Ion: 82 Resp: 815

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) (-)

8.59

150

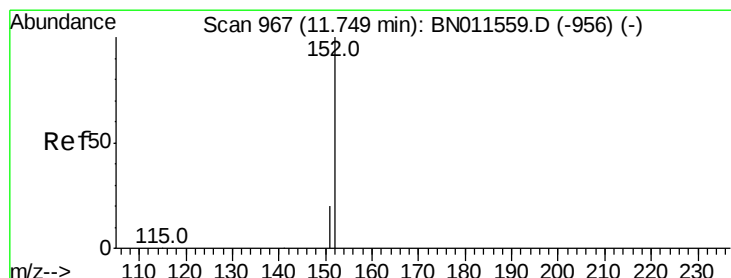
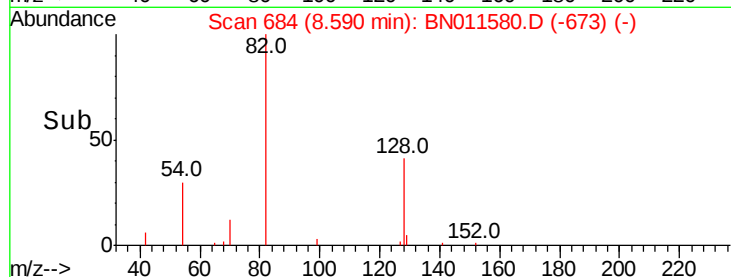
100

50

0

8.50 8.60 8.70

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

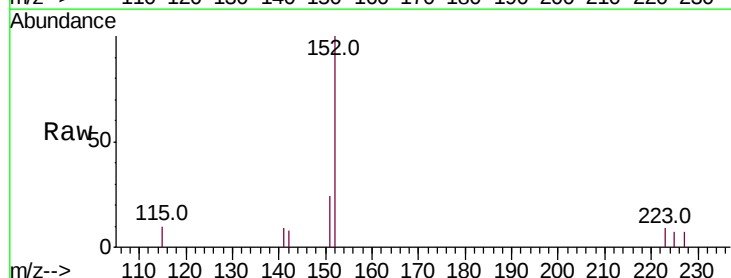
Acq: 22 Aug 2020 10:18

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) (-)

11.75

600

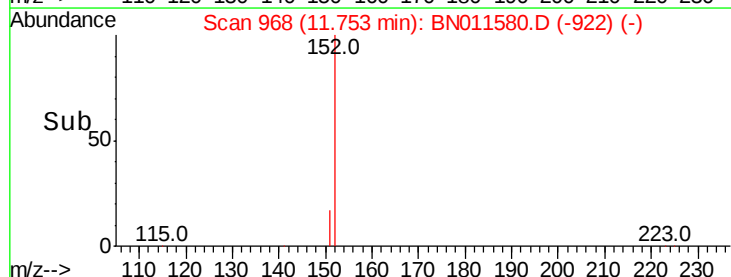
400

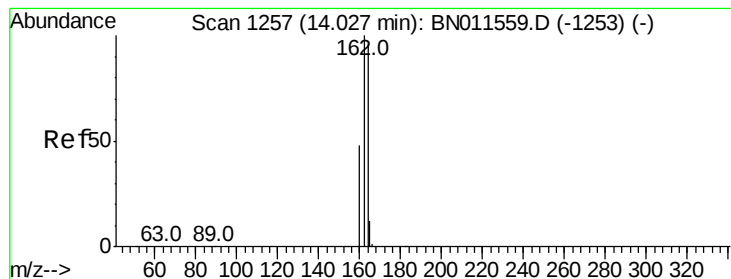
200

0

11.60 11.70 11.80 11.90

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

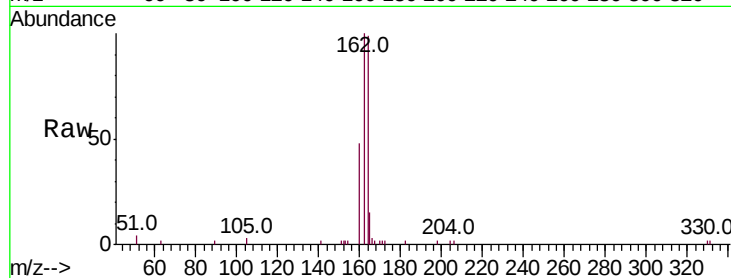
Tot Ion:164 Resp: 3943

Ion Ratio Lower Upper

164 100

162 100.6 83.7 125.5

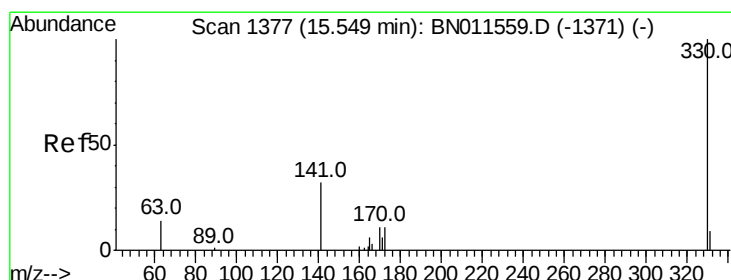
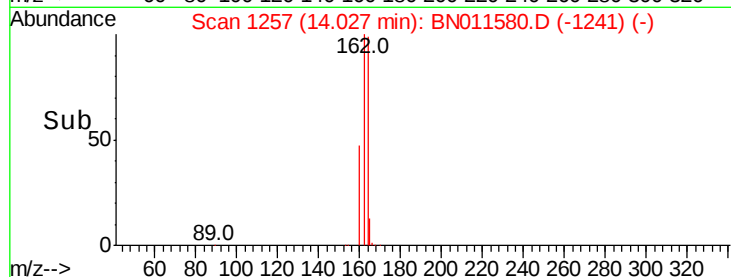
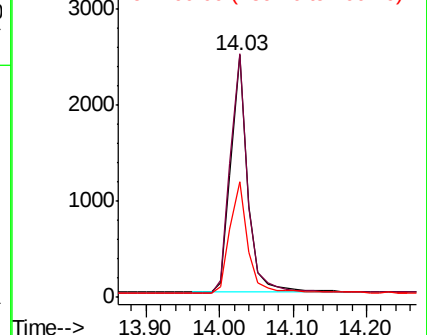
160 47.9 41.1 61.7



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

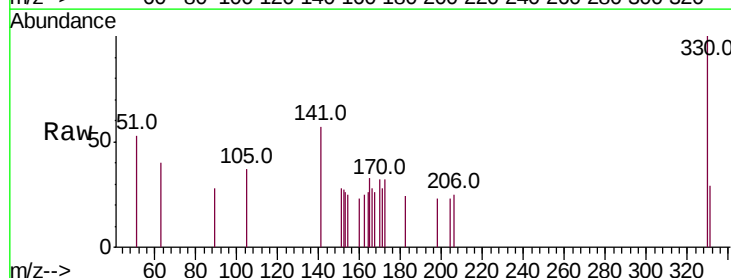
Tgt Ion:330 Resp: 466

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

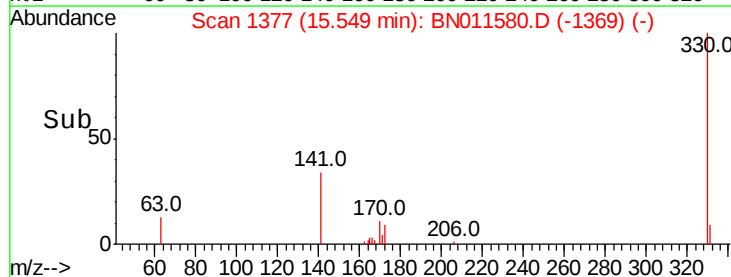
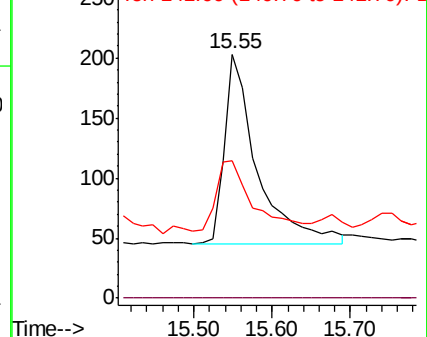
141 40.3 34.6 52.0

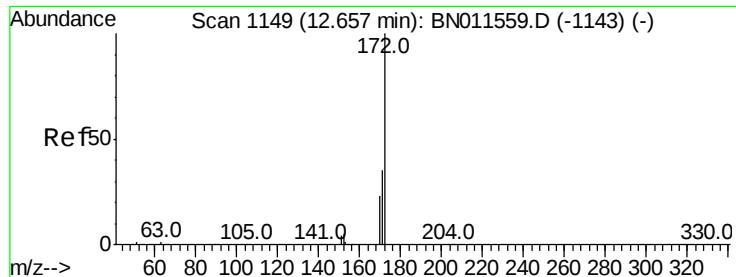


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

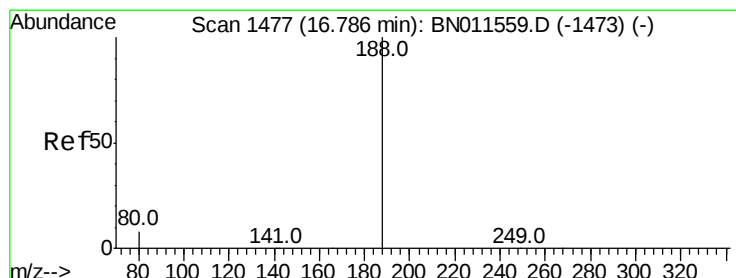
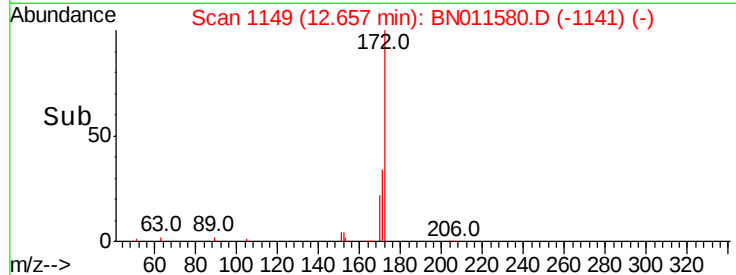
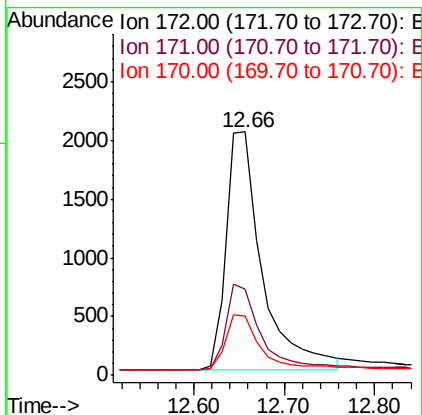
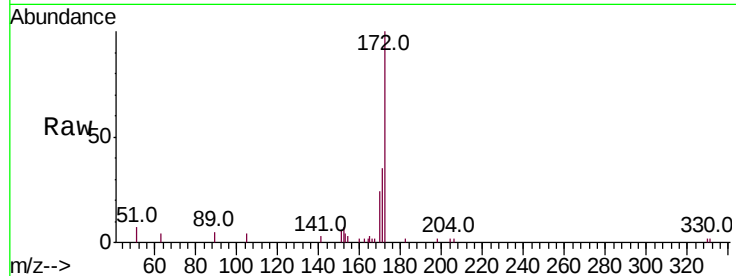




#15
 2-Fluorobiphenyl
 Concen: 0.347 ng
 RT: 12.66 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BN011580.D
 Acq: 22 Aug 2020 10:18

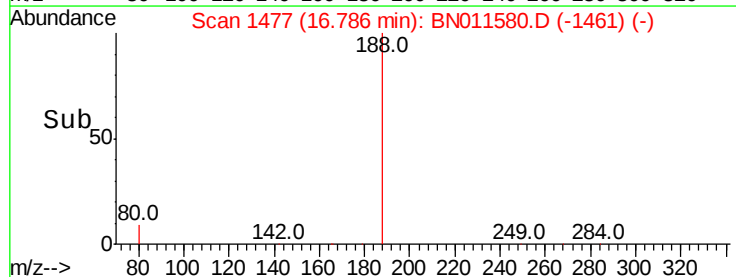
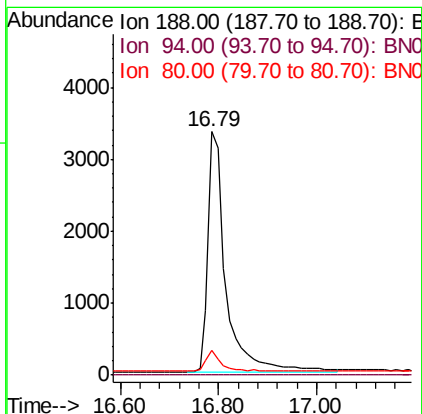
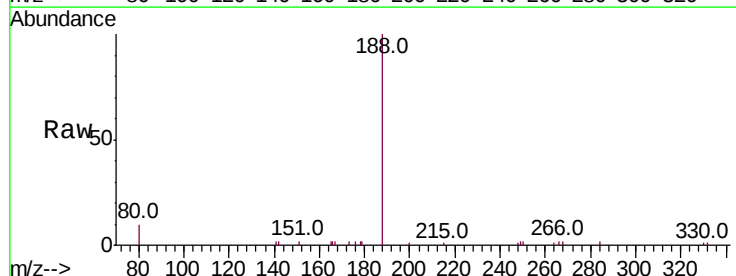
Instrument :
 BNA_N
 ClientSampled :
 CS-13

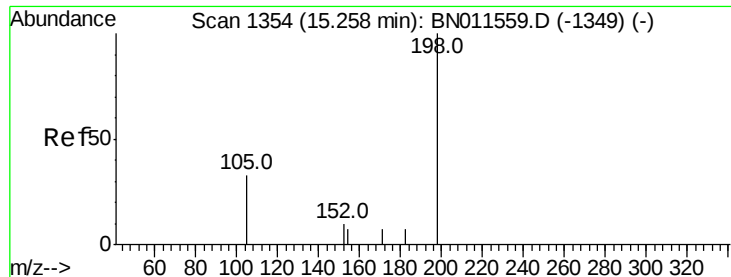
Tot Ion:172	Resp: 5629
Ion Ratio	Lower Upper
172 100	
171 35.2	29.4 44.0
170 24.1	20.1 30.1



#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

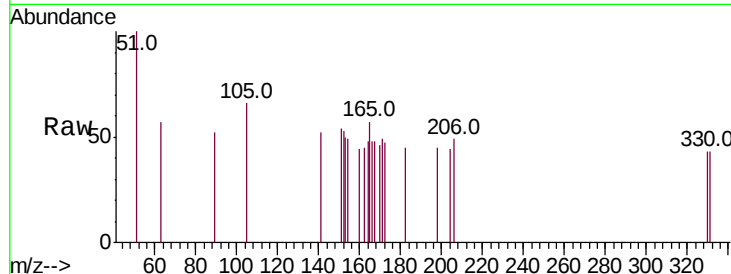




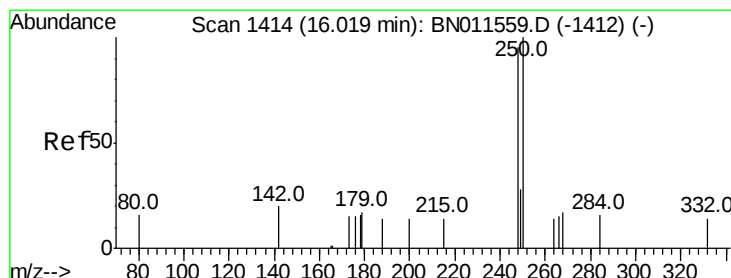
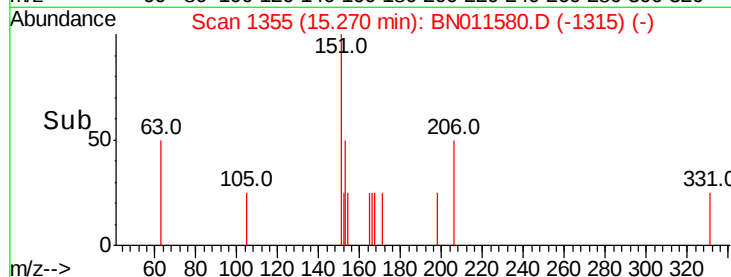
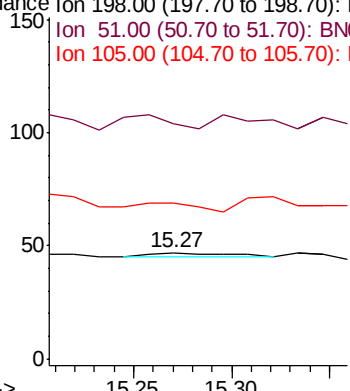
#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.27 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BN011580.D
Acq: 22 Aug 2020 10:18

Instrument :
BNA_N
ClientSampled :
CS-13

Tot Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 221.3 89.4 134.2#
105 146.8 70.6 105.8#

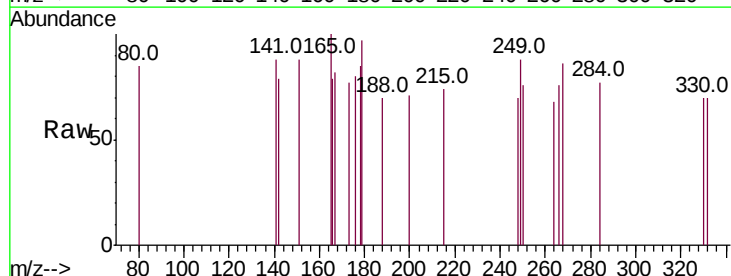


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

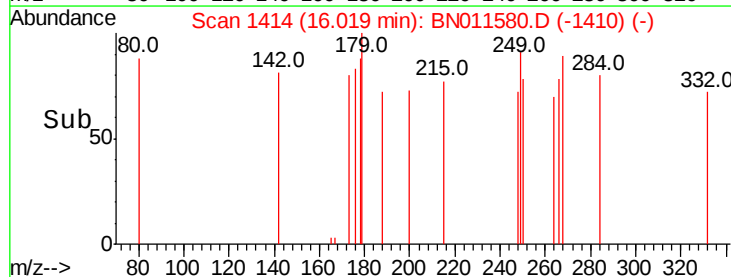
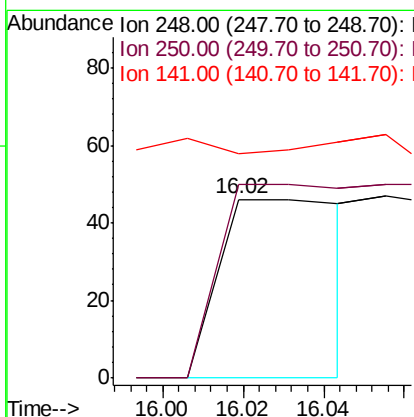


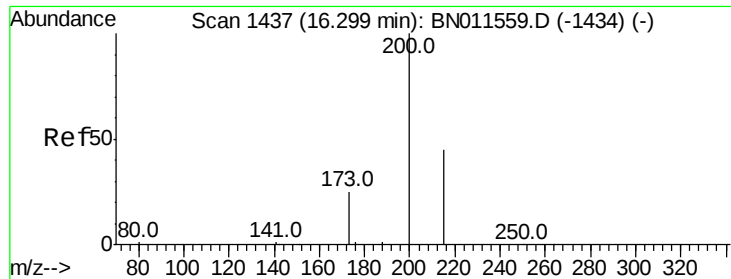
#21
4-Bromophenyl-phenylether
Concen: 0.055 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011580.D
Acq: 22 Aug 2020 10:18

Tgt Ion:248 Resp: 101
Ion Ratio Lower Upper
248 100
250 108.7 83.8 125.8
141 126.1 41.0 61.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#23

Atrazine

Concen: 0.071 ng

RT: 16.06 min Scan# 1417

Delta R.T. -0.24 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

Instrument :

BNA_N

ClientSampleId :

CS-13

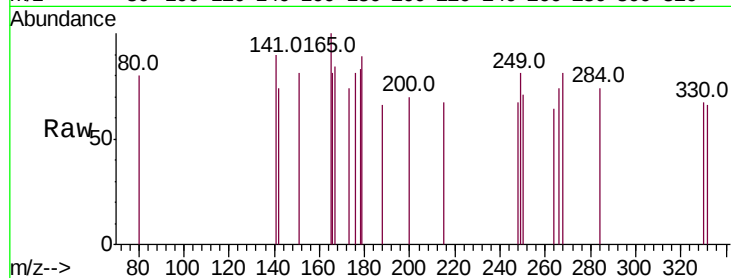
Tot Ion:200 Resp: 312

Ion Ratio Lower Upper

200 100

173 106.1 27.7 41.5#

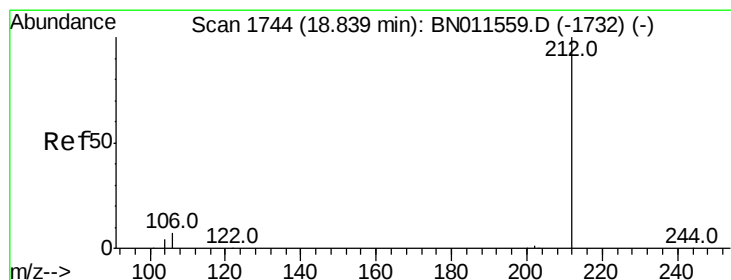
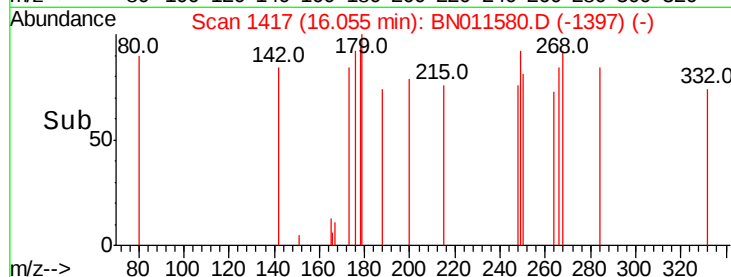
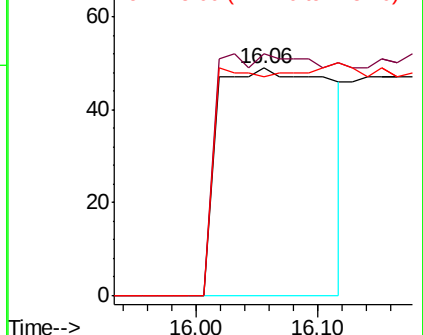
215 95.9 41.5 62.3#



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: 0.206 ng

RT: 18.83 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

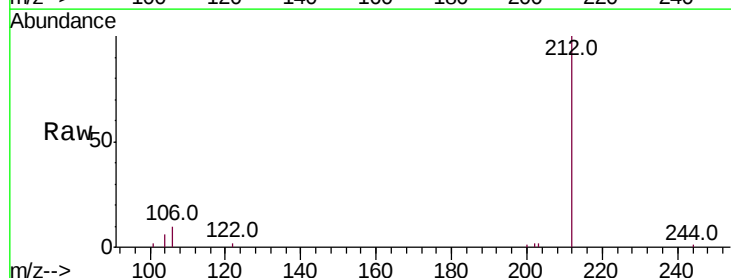
Tgt Ion:212 Resp: 5864

Ion Ratio Lower Upper

212 100

106 8.6 6.2 9.2

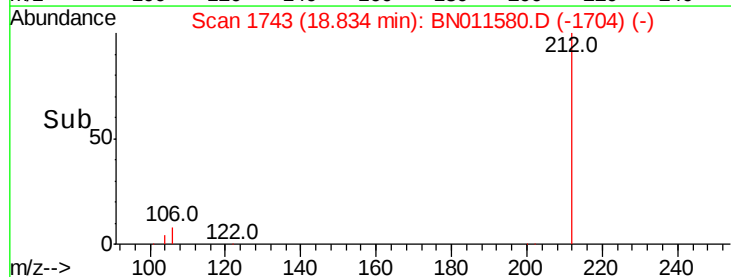
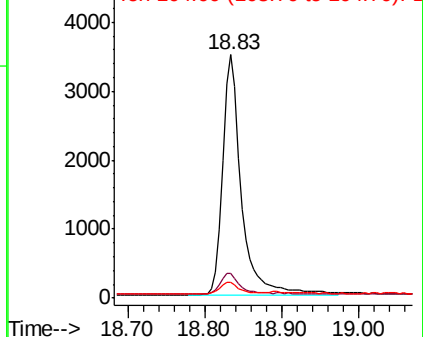
104 5.1 3.8 5.6

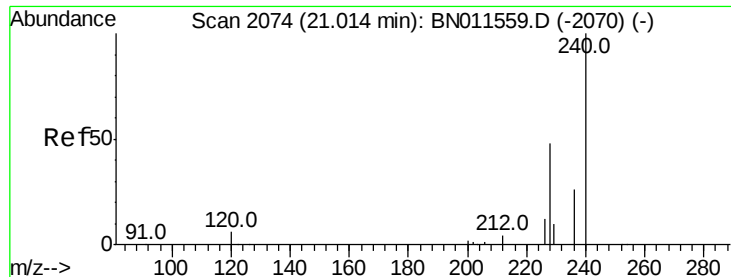


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

Instrument :

BNA_N

ClientSampleId :

CS-13

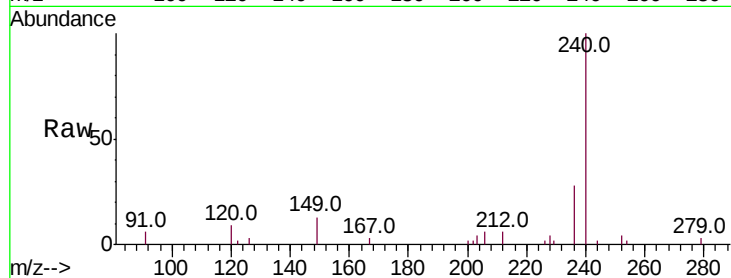
Tot Ion:240 Resp: 7657

Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.0

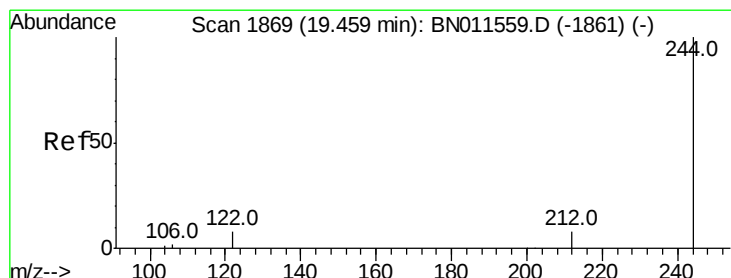
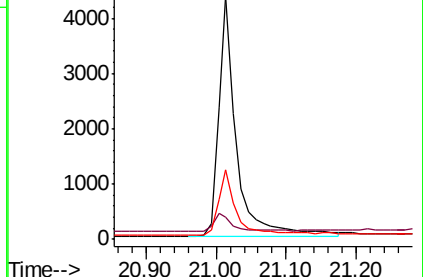
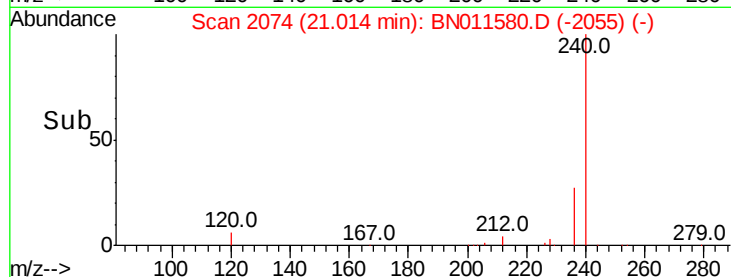
236 28.4 22.3 33.5



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: 0.454 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011580.D

Acq: 22 Aug 2020 10:18

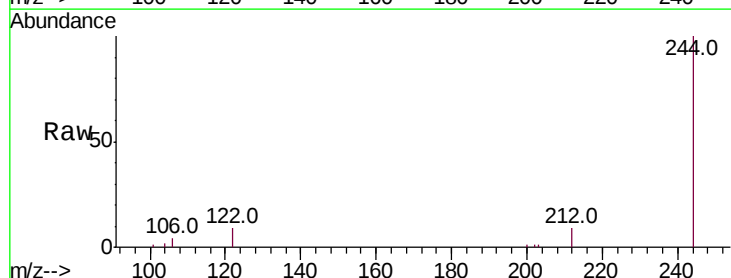
Tgt Ion:244 Resp: 9060

Ion Ratio Lower Upper

244 100

212 8.9 8.2 12.4

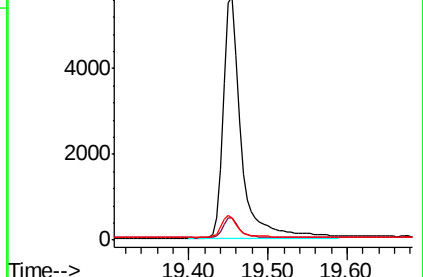
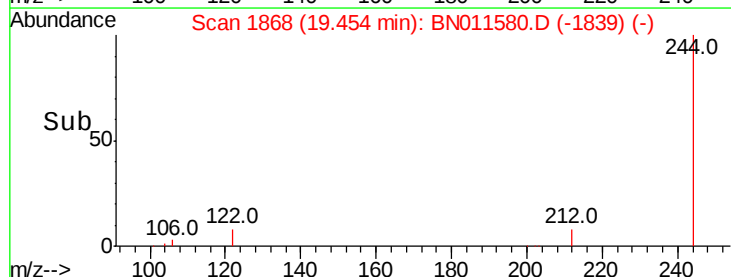
122 9.2 8.0 12.0

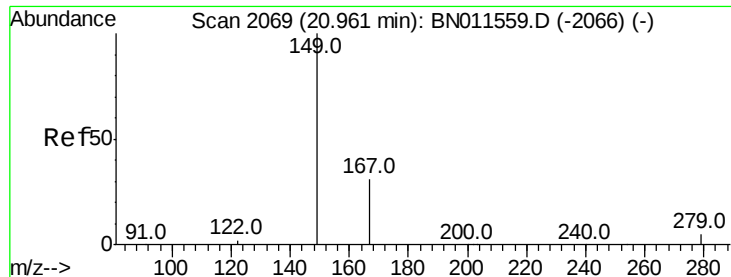


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

BNA_N

ClientSampleId :

CS-13

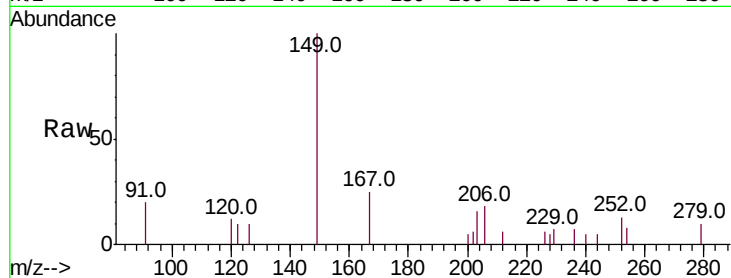
Tot Ion:149 Resp: 877

Ion Ratio Lower Upper

149 100

167 25.3 22.8 34.2

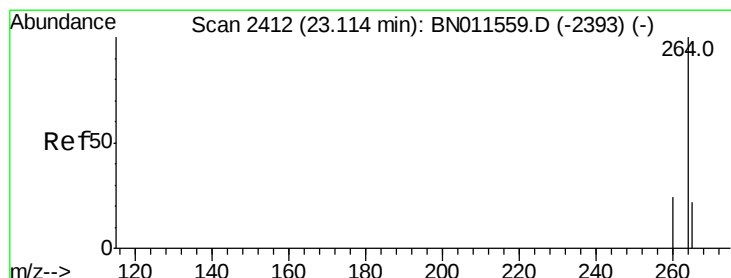
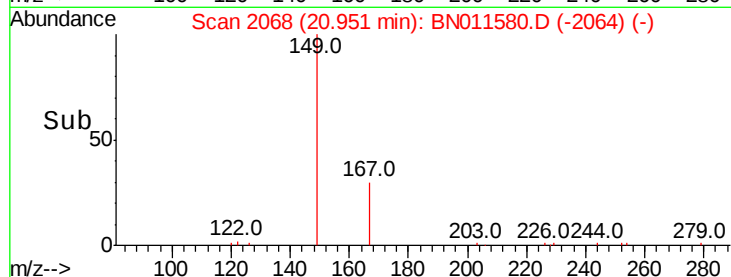
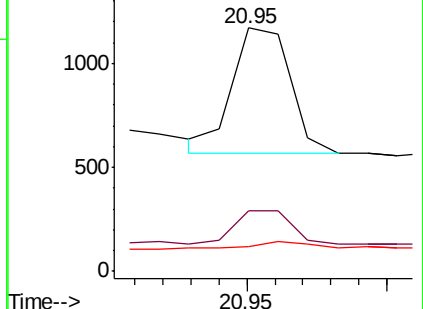
279 4.7 4.2 6.2



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

Perylene-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

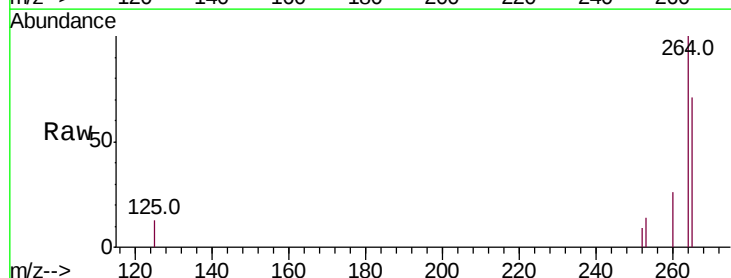
Tgt Ion:264 Resp: 8178

Ion Ratio Lower Upper

264 100

260 25.6 20.3 30.5

265 70.9 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

