

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011573.D
 Acq On : 22 Aug 2020 06:04
 Operator : CG/JU
 Sample : L3768-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-14

Quant Time: Aug 22 06:45:48 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

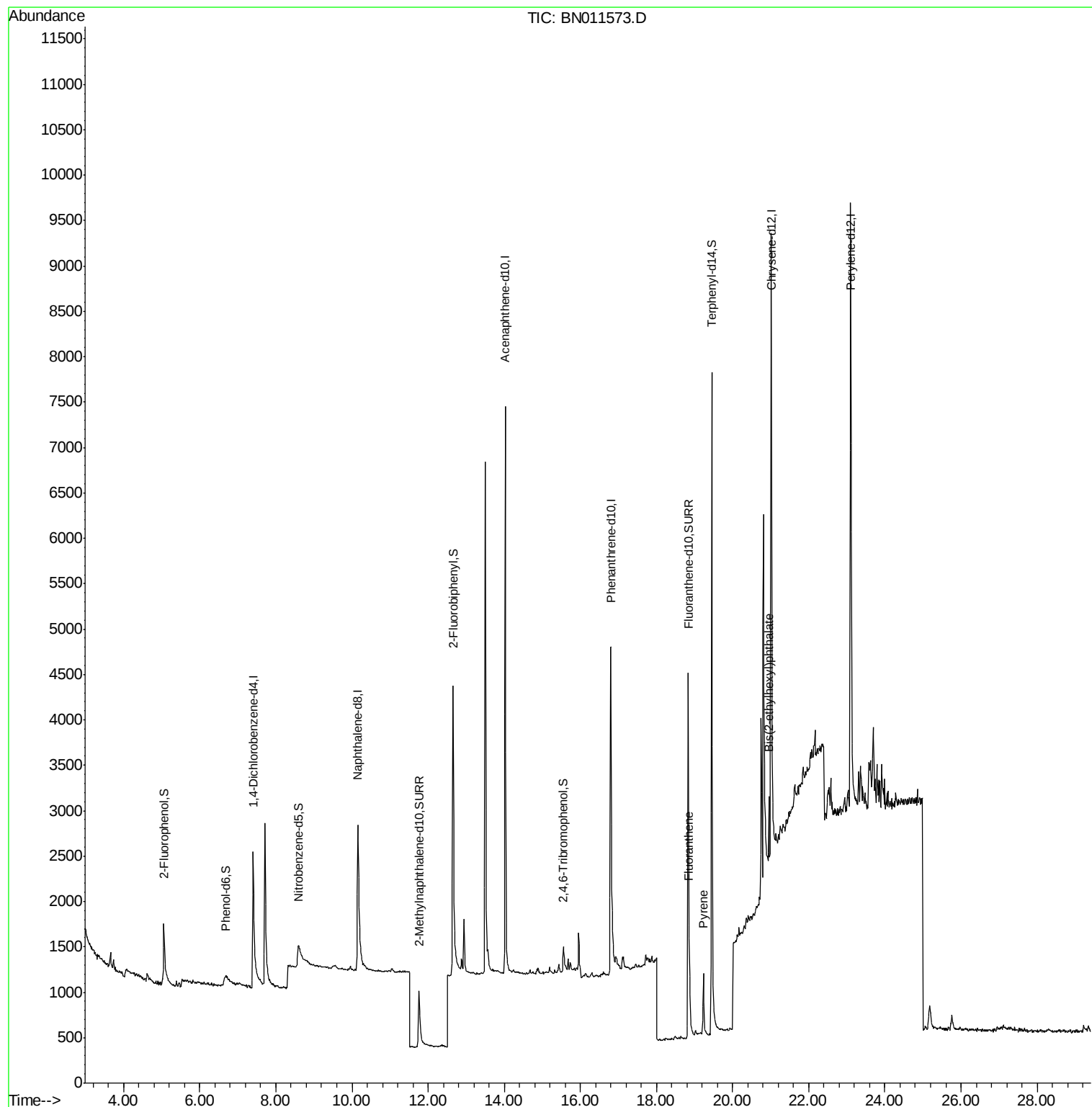
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1566	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4686	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3716	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	8490	0.40	ng	0.01
29) Chrysene-d12	21.01	240	8934	0.40	ng	0.00
36) Perylene-d12	23.10	264	9670	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	928	0.28	ng	0.00
5) Phenol-d6	6.69	99	540	0.16	ng	0.06
8) Nitrobenzene-d5	8.59	82	761	0.25	ng	0.04
11) 2-Methylnaphthalene-d10	11.76	152	1676	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	419	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	4775	0.31	ng	0.00
27) Fluoranthene-d10	18.83	212	6279	0.22	ng	0.00
31) Terphenyl-d14	19.45	244	9639	0.41	ng	0.00
Target Compounds						
28) Fluoranthene	18.86	202	746	0.022	ng	# 98
30) Pyrene	19.23	202	790	0.022	ng	# 91
34) Bis(2-ethylhexyl)phthalate	20.95	149	762	0.060	ng	91

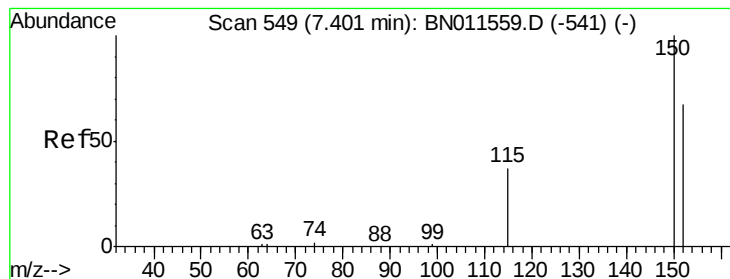
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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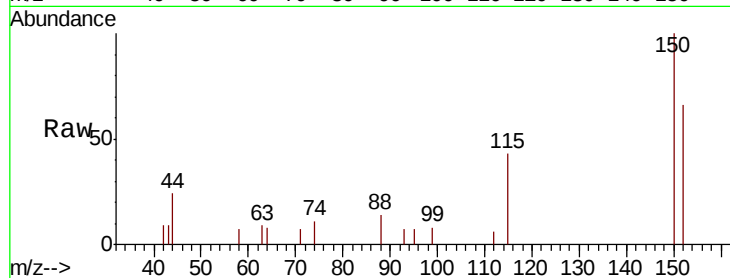


#1

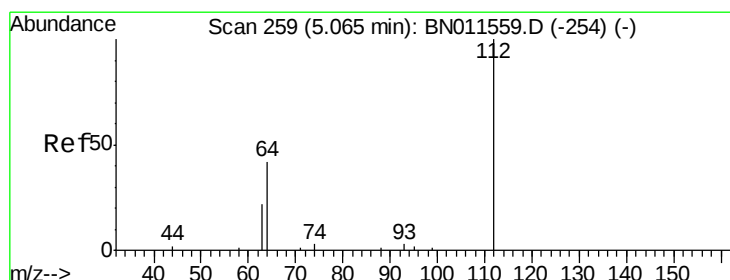
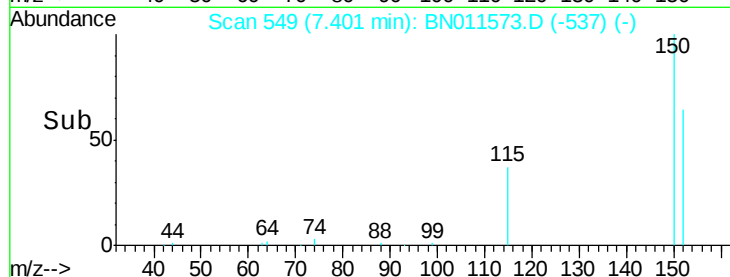
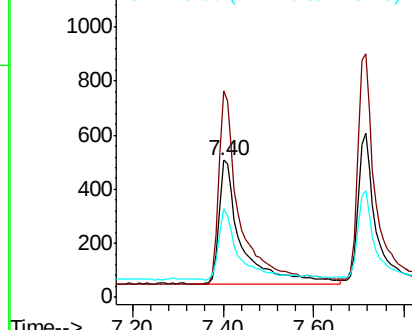
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 549
Delta R.T. 0.00 min
Lab File: BN011573.D
Acq: 22 Aug 2020 06:04

Instrument :
BNA_N
ClientSampleId :
CS-14

Tot Ion:152 Resp: 1566
Ion Ratio Lower Upper
152 100
150 150.6 117.1 175.7
115 64.6 48.7 73.1



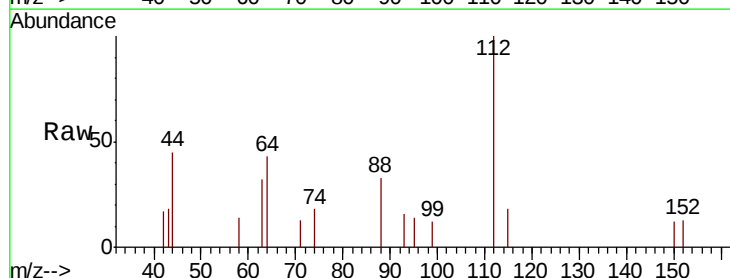
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



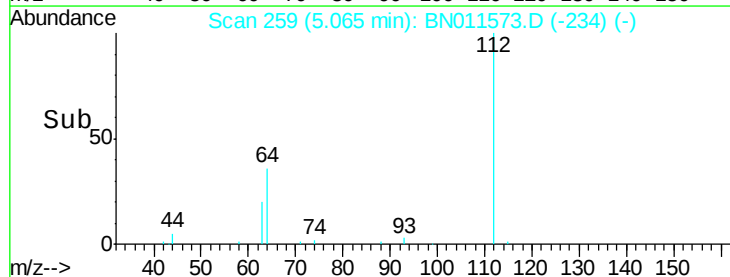
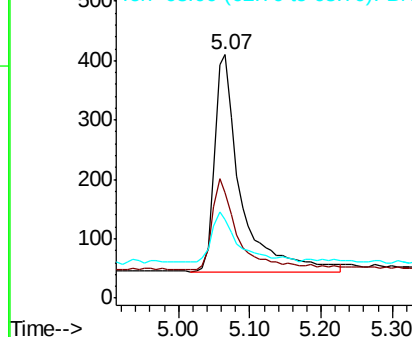
#4

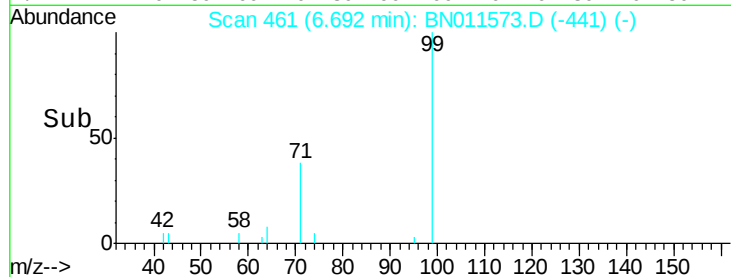
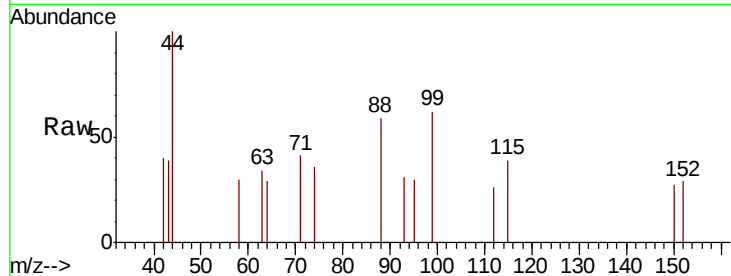
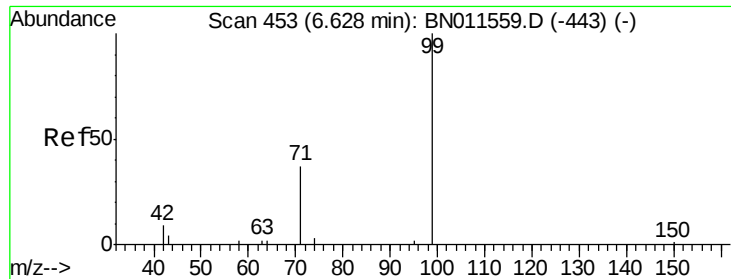
2-Fluorophenol
Concen: 0.278 ng
RT: 5.07 min Scan# 259
Delta R.T. 0.00 min
Lab File: BN011573.D
Acq: 22 Aug 2020 06:04

Tgt Ion:112 Resp: 928
Ion Ratio Lower Upper
112 100
64 40.3 33.9 50.9
63 21.8 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: 0.160 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.06 min

Lab File: BN011573.D

Acq: 22 Aug 2020 06:04

Instrument :

BNA_N

ClientSampleId :

CS-14

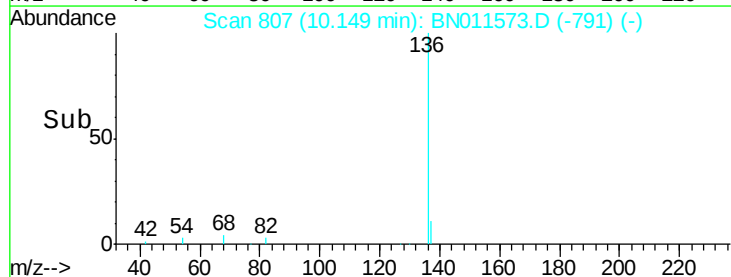
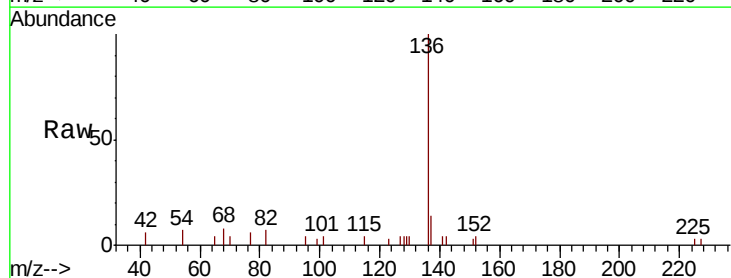
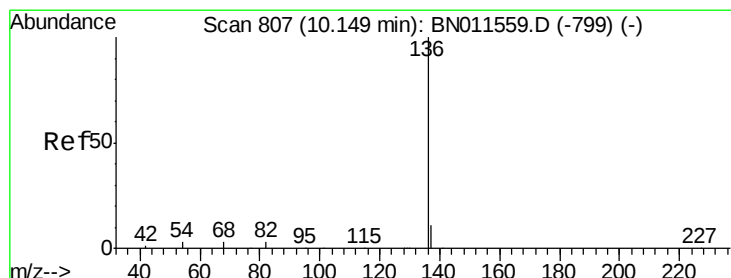
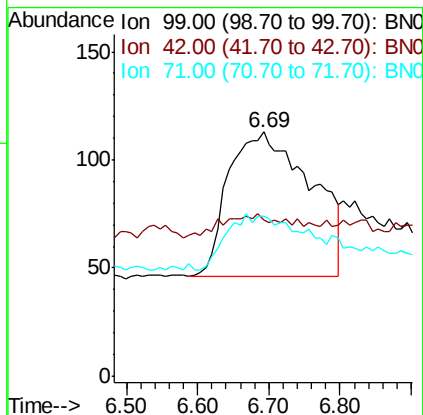
Tot Ion: 99 Resp: 540

Ion Ratio Lower Upper

99 100

42 8.7 9.0 13.4#

71 0.0 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: BN011573.D

Acq: 22 Aug 2020 06:04

Tgt Ion: 136 Resp: 4686

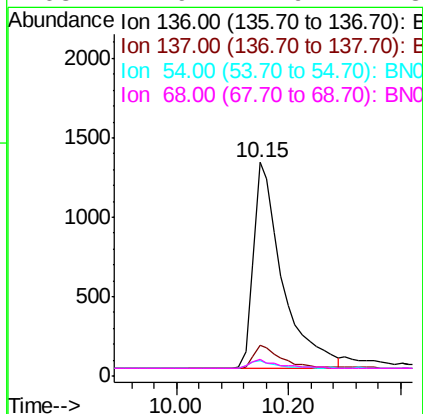
Ion Ratio Lower Upper

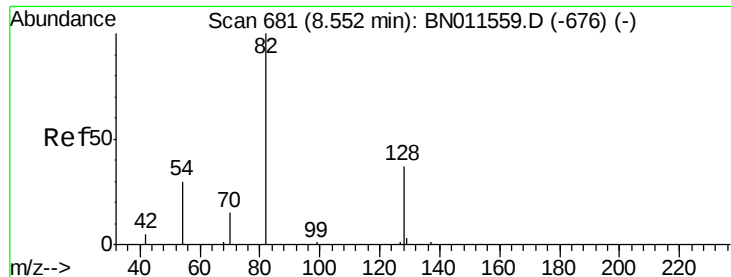
136 100

137 14.2 11.0 16.4

54 7.1 4.3 6.5#

68 7.9 4.9 7.3#





#8

Nitrobenzene-d5

Concen: 0.247 ng

RT: 8.59 min Scan# 684

Delta R.T. 0.04 min

Lab File: BN011573.D

Acq: 22 Aug 2020 06:04

Instrument :

BNA_N

ClientSampled :

CS-14

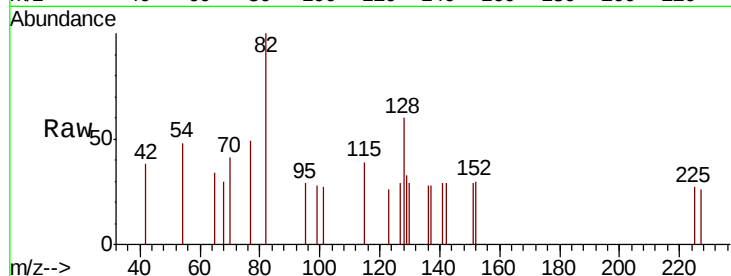
Tot Ion: 82 Resp: 761

Ion Ratio Lower Upper

82 100

128 60.0 41.7 62.5

54 48.0 34.4 51.6

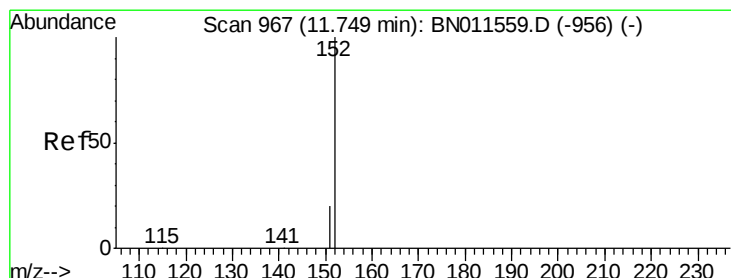
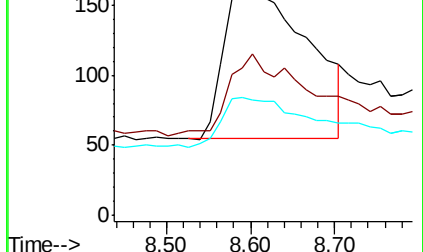
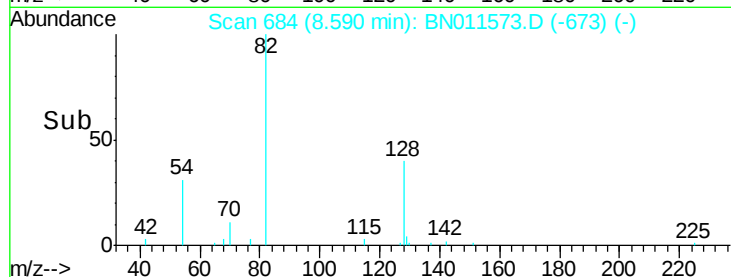


Abundance Ion 82.00 (81.70 to 82.70): BN011559.D (-676) (-)

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: 0.200 ng

RT: 11.76 min Scan# 969

Delta R.T. 0.01 min

Lab File: BN011573.D

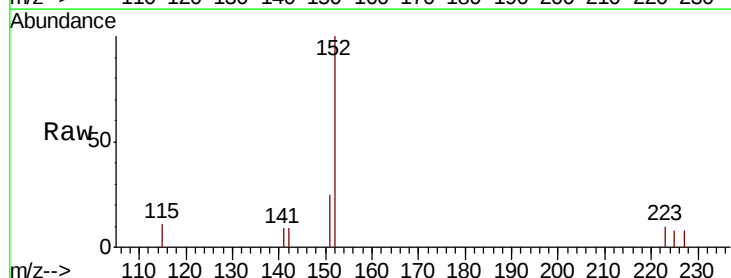
Acq: 22 Aug 2020 06:04

Tgt Ion: 152 Resp: 1676

Ion Ratio Lower Upper

152 100

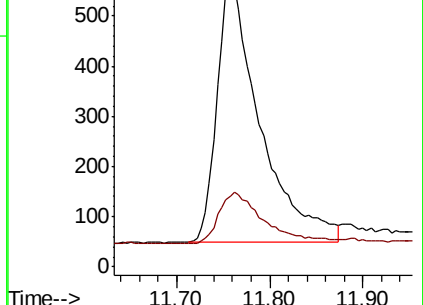
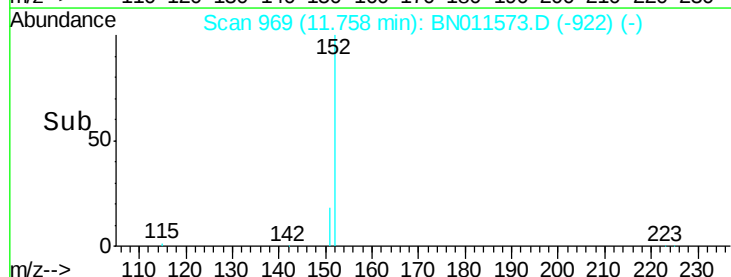
151 19.7 16.6 24.8

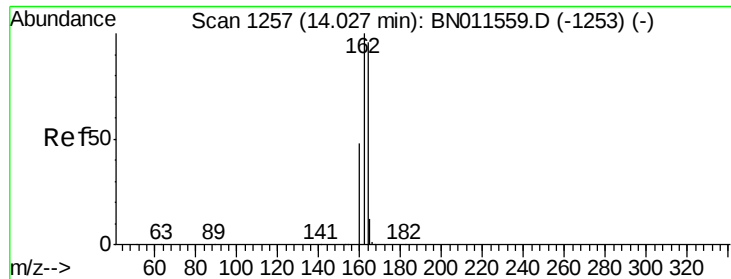


Abundance Ion 152.00 (151.70 to 152.70): BN011559.D (-956) (-)

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: BN011573.D

Acq: 22 Aug 2020 06:04

Instrument :

BNA_N

ClientSampled :

CS-14

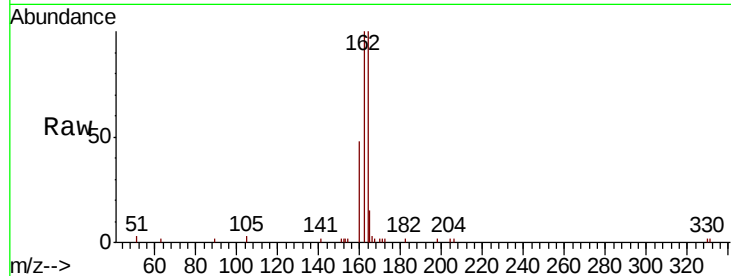
Tot Ion:164 Resp: 3716

Ion Ratio Lower Upper

164 100

162 99.8 83.7 125.5

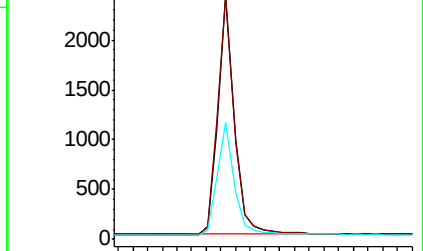
160 48.0 41.1 61.7



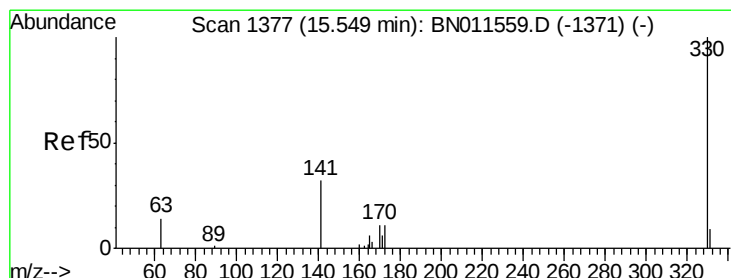
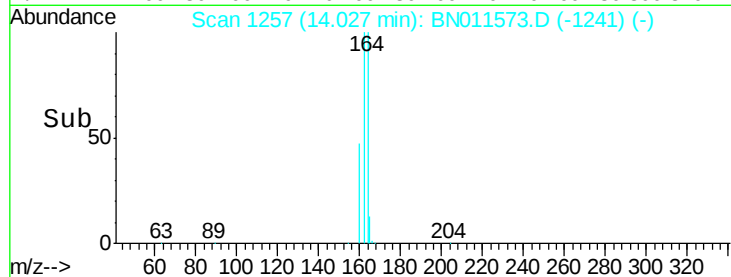
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 13.90 14.00 14.10 14.20



#14

2,4,6-Tribromophenol

Concen: 0.226 ng

RT: 15.55 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BN011573.D

Acq: 22 Aug 2020 06:04

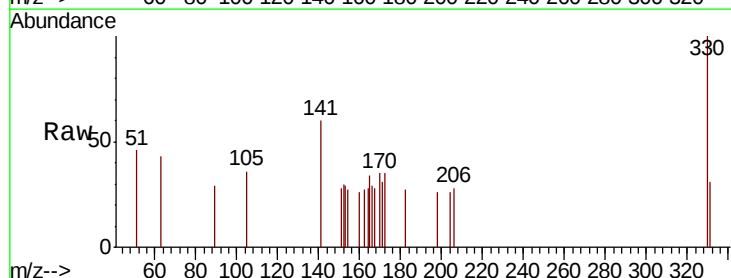
Tgt Ion:330 Resp: 419

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

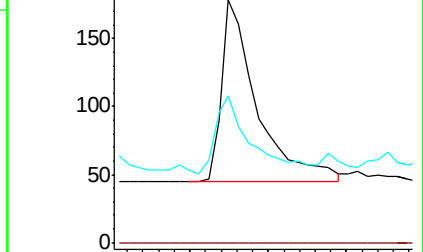
141 42.5 34.6 52.0



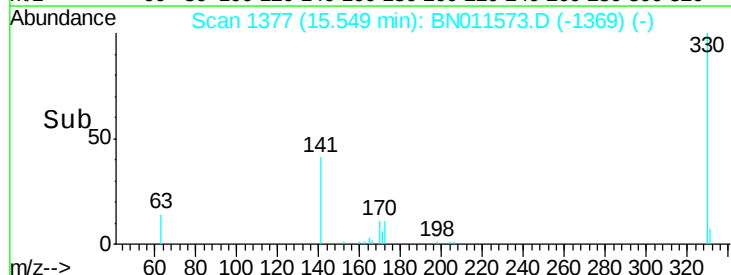
Abundance Ion 330.00 (329.70 to 330.70): E

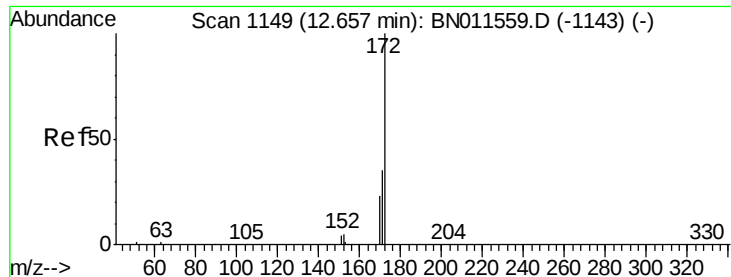
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 15.50 15.60 15.70

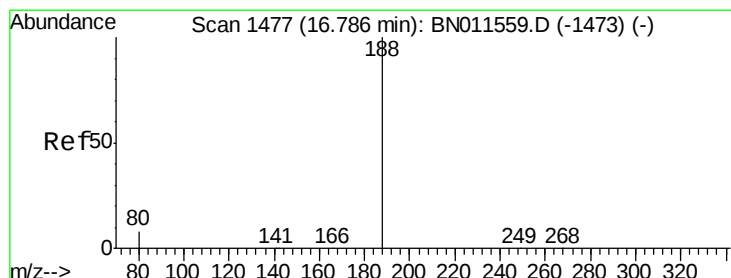
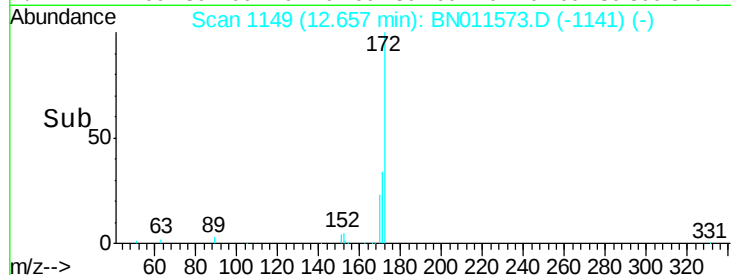
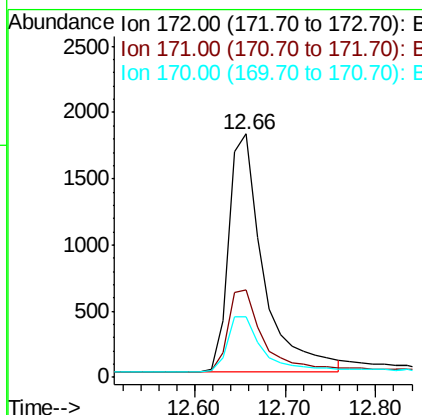
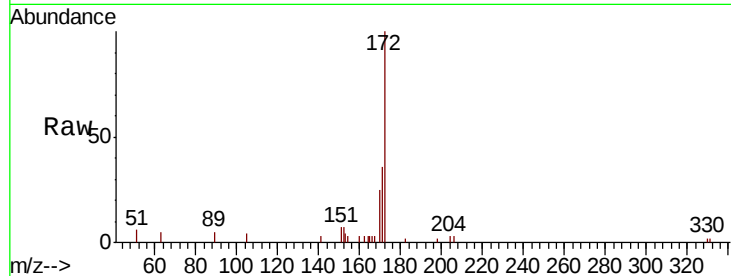




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.66 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BN011573.D
Acq: 22 Aug 2020 06:04

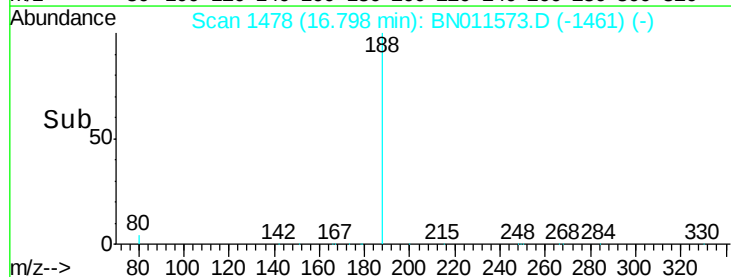
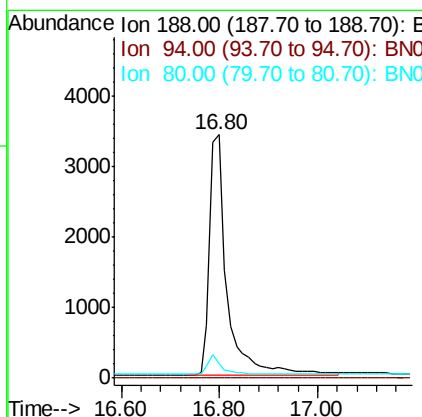
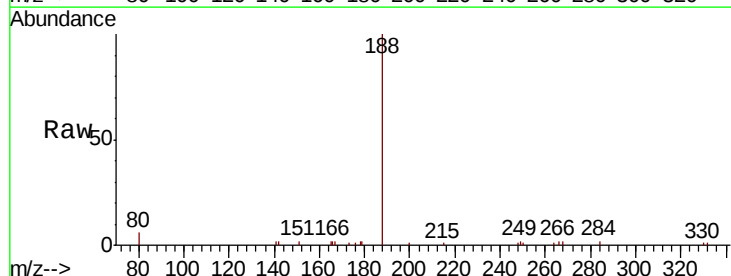
Instrument :
BNA_N
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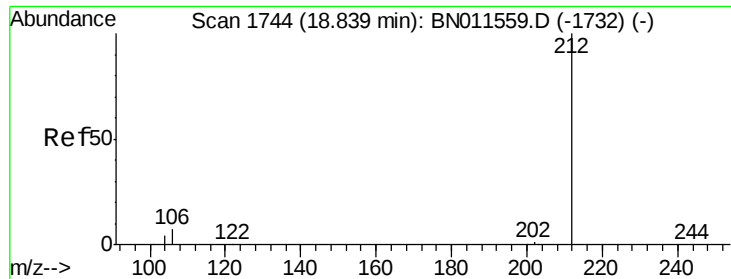
Tot Ion:172 Resp: 4775
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.8 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BN011573.D
Acq: 22 Aug 2020 06:04

Tgt Ion:188 Resp: 8490
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.0 7.6 11.4#





#27

Fluoranthene-d10

Concen: 0.219 ng

RT: 18.83 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BN011573.D

Acq: 22 Aug 2020 06:04

Instrument :

BNA_N

ClientSampleId :

CS-14

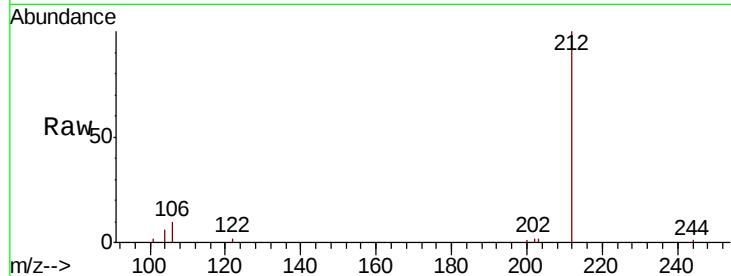
Tot Ion:212 Resp: 6279

Ion Ratio Lower Upper

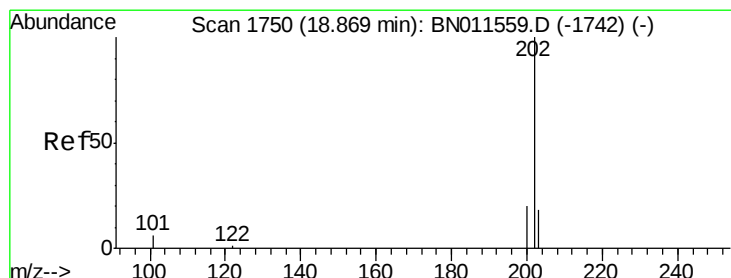
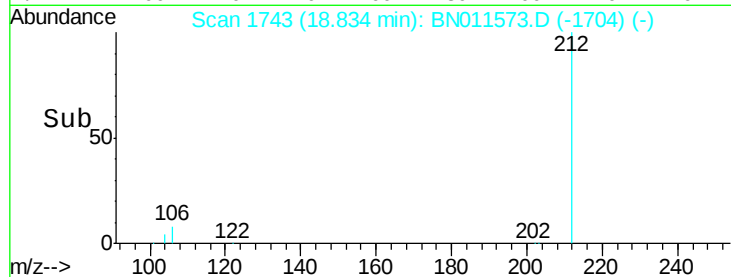
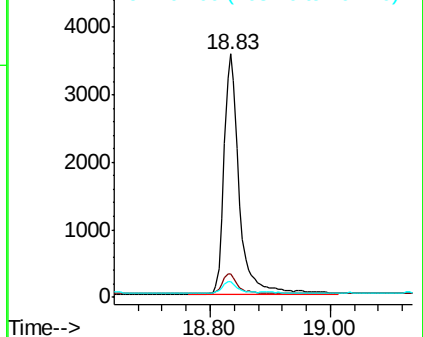
212 100

106 8.2 6.2 9.2

104 4.7 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



#28

Fluoranthene

Concen: 0.022 ng

RT: 18.86 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BN011573.D

Acq: 22 Aug 2020 06:04

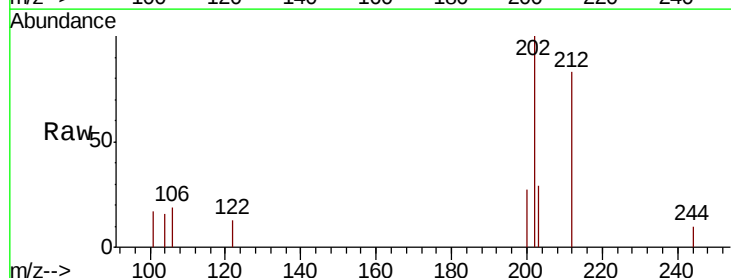
Tgt Ion:202 Resp: 746

Ion Ratio Lower Upper

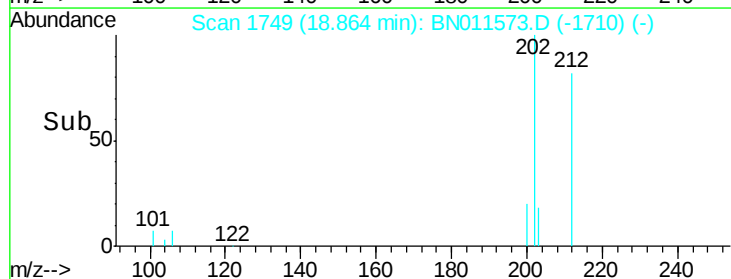
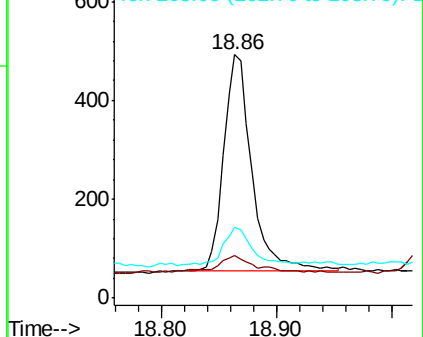
202 100

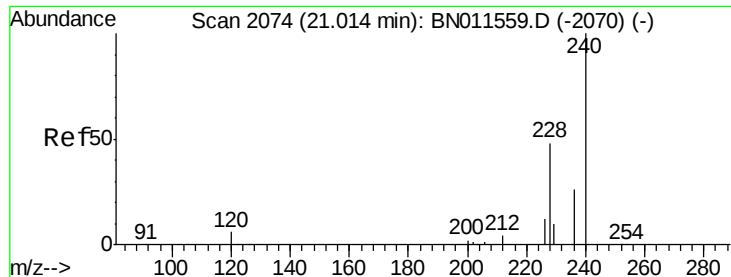
101 8.2 5.2 7.8#

203 17.2 13.6 20.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011573.D

Acq: 22 Aug 2020 06:04

Instrument :

BNA_N

ClientSampleId :

CS-14

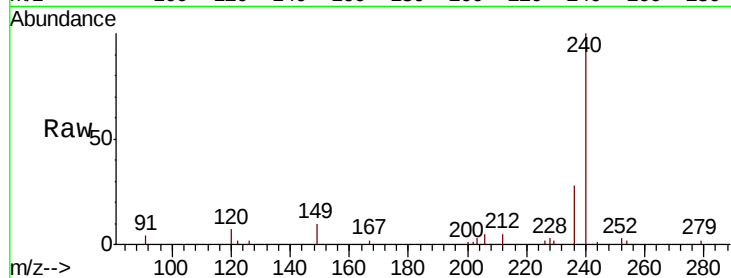
Tot Ion:240 Resp: 8934

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

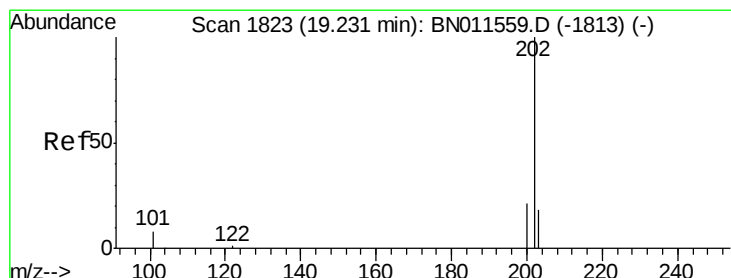
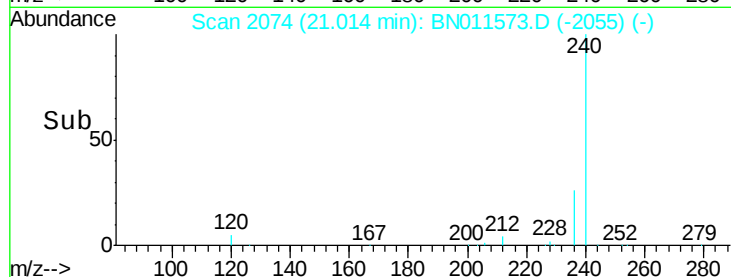
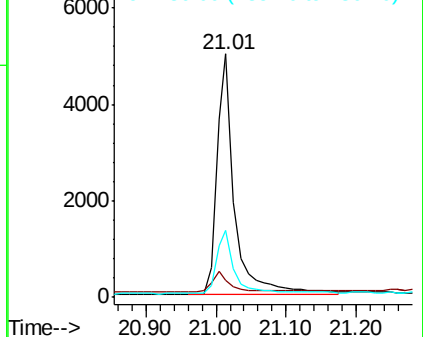
236 27.8 22.3 33.5



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



#30

Pyrene

Concen: 0.022 ng

RT: 19.23 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BN011573.D

Acq: 22 Aug 2020 06:04

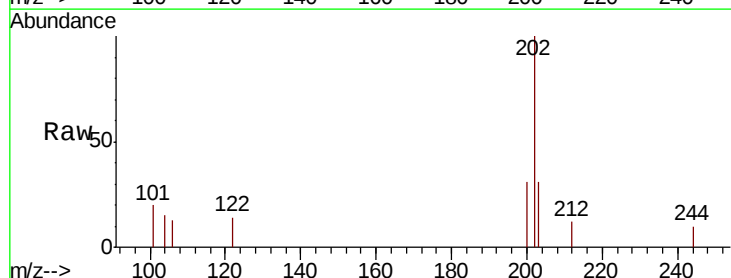
Tgt Ion:202 Resp: 790

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

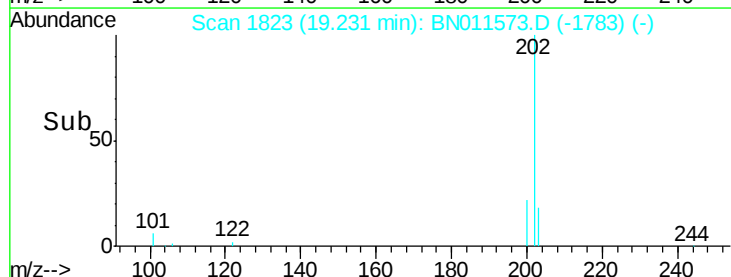
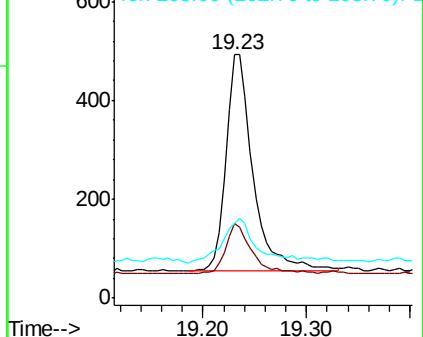
203 25.1 14.2 21.2#

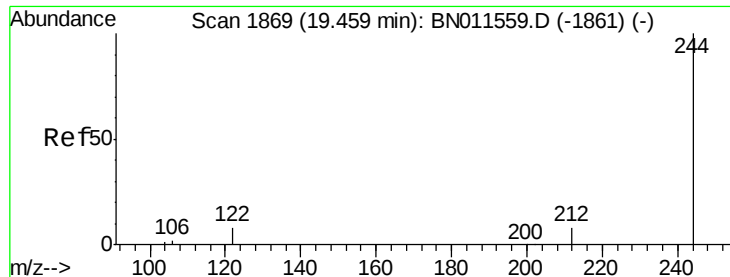


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.414 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011573.D

Acq: 22 Aug 2020 06:04

Instrument :

BNA_N

ClientSampleId :

CS-14

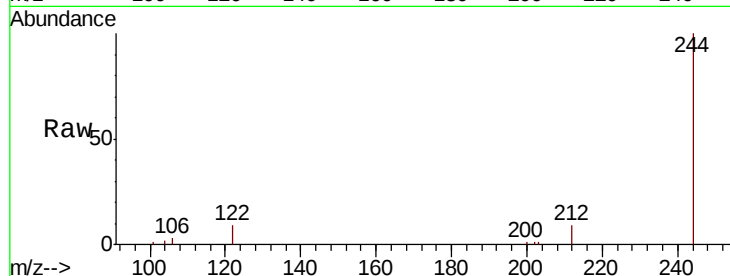
Tot Ion:244 Resp: 9639

Ion Ratio Lower Upper

244 100

212 9.0 8.2 12.4

122 8.5 8.0 12.0



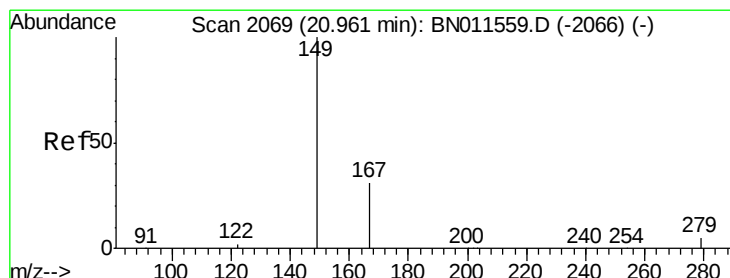
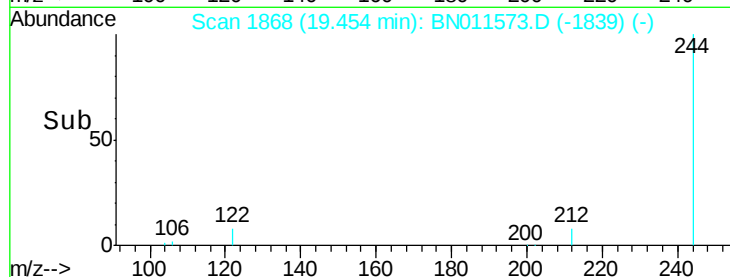
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.45

Time-->



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.060 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011573.D

Acq: 22 Aug 2020 06:04

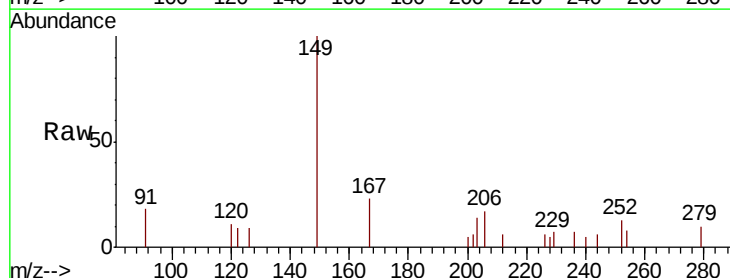
Tgt Ion:149 Resp: 762

Ion Ratio Lower Upper

149 100

167 23.2 22.8 34.2

279 4.2 4.2 6.2



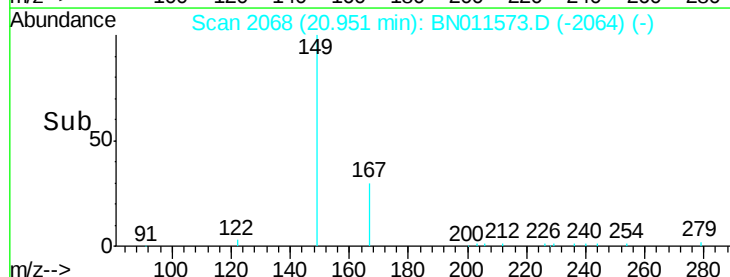
Abundance Ion 149.00 (148.70 to 149.70): E

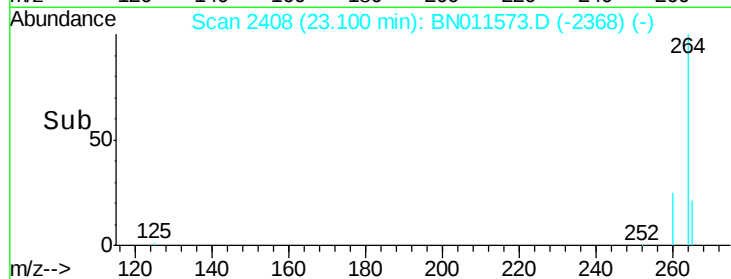
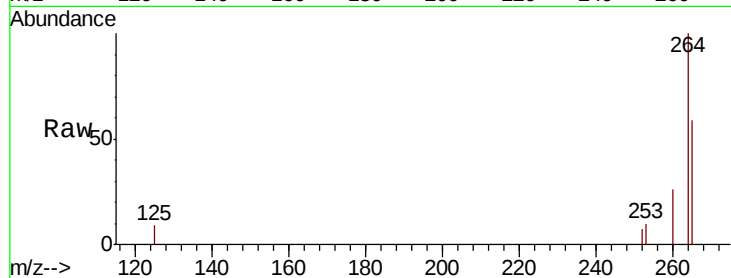
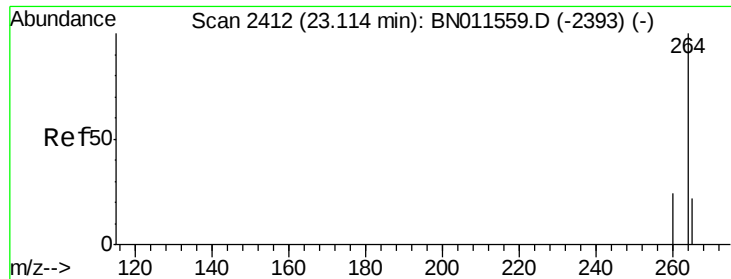
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

20.95

Time-->





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN011573.D

Acq: 22 Aug 2020 06:04

Instrument :

BNA_N

ClientSampleId :

CS-14

Tot Ion:264 Resp: 9670

Ion Ratio Lower Upper

264 100

260 25.5 20.3 30.5

265 58.7 96.1 144.1#

