

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011572.D
 Acq On : 22 Aug 2020 05:28
 Operator : CG/JU
 Sample : L3768-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-1

Quant Time: Aug 22 06:42:26 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

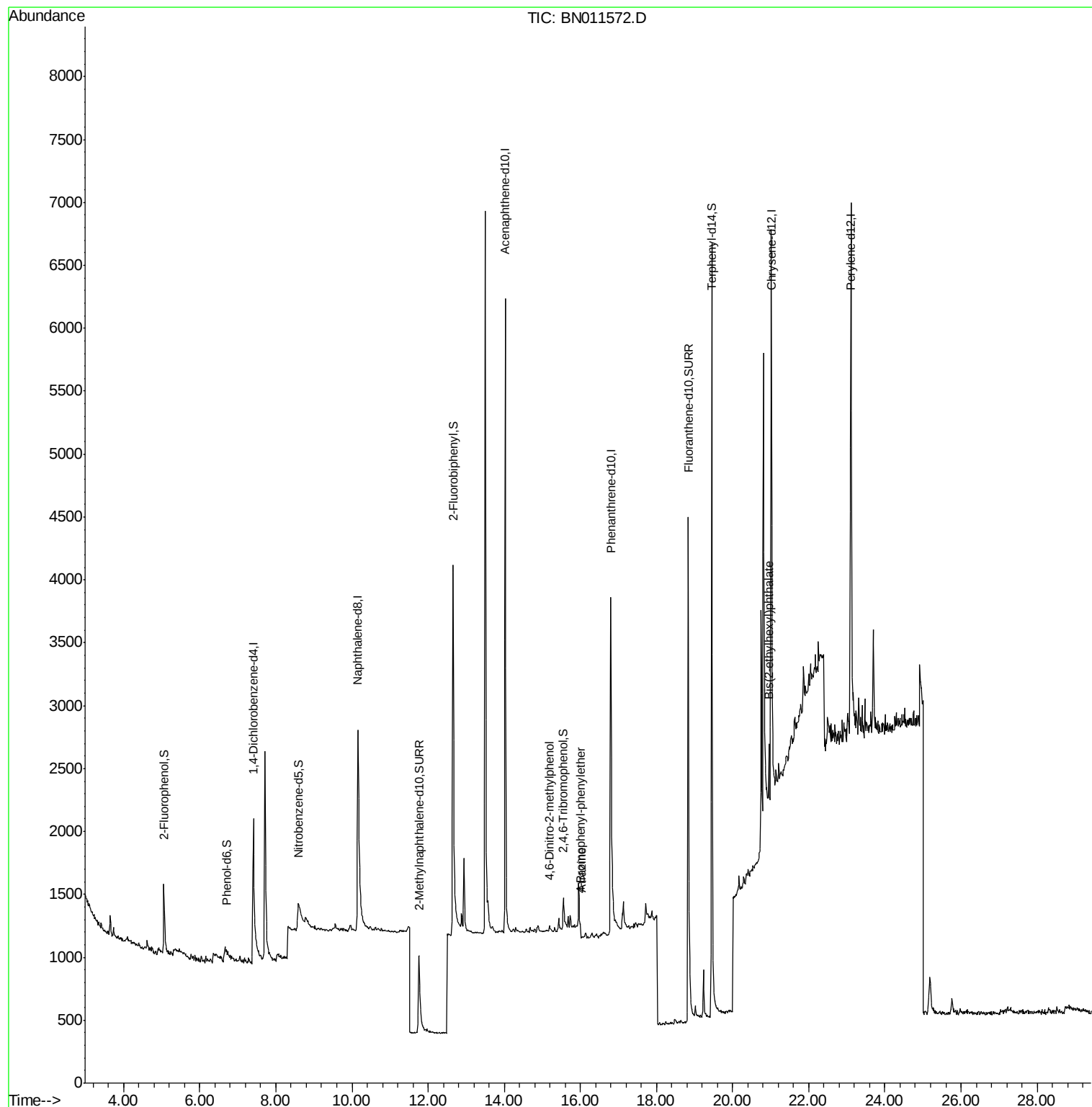
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1184	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4657	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3027	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	6603	0.40	ng	0.01
29) Chrysene-d12	21.01	240	5946	0.40	ng	0.00
36) Perylene-d12	23.10	264	5972	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	816	0.32	ng	0.00
5) Phenol-d6	6.69	99	464	0.18	ng	0.06
8) Nitrobenzene-d5	8.59	82	693	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	11.75	152	1752	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	372	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	4425	0.36	ng	0.00
27) Fluoranthene-d10	18.83	212	5962	0.27	ng	0.00
31) Terphenyl-d14	19.45	244	8026	0.52	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylphenol	15.19	198	2	0.177	ng	# 38
21) 4-Bromophenyl-phenylether	16.02	248	101	0.070	ng	# 65
23) Atrazine	16.03	200	272	0.079	ng	# 11
34) Bis(2-ethylhexyl)phthalate	20.95	149	554	0.065	ng	# 95

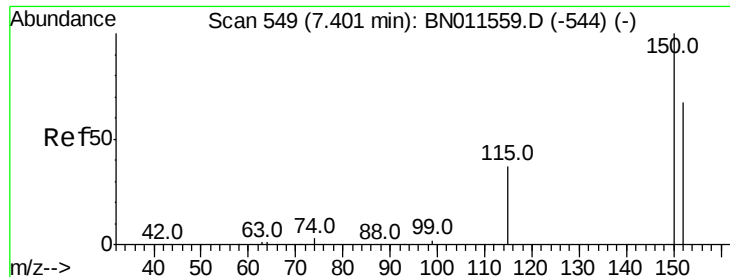
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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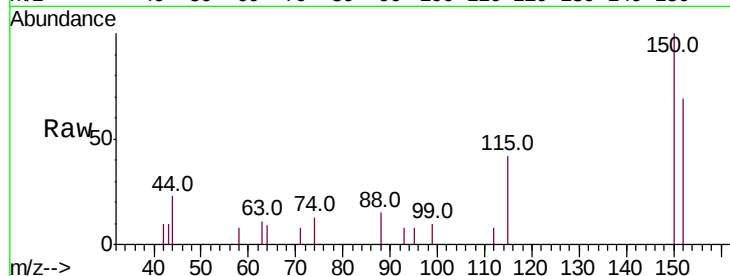


#1

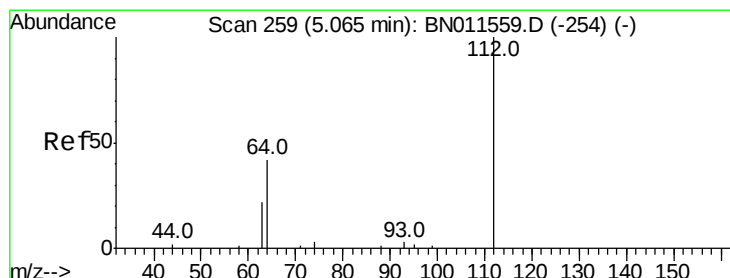
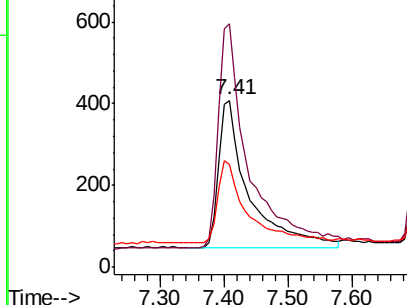
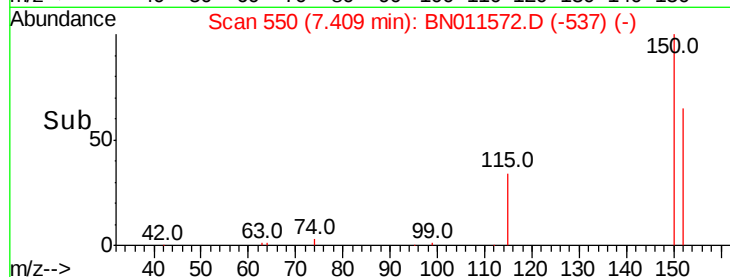
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 550
Delta R.T. 0.01 min
Lab File: BN011572.D
Acq: 22 Aug 2020 05:28

Instrument :
BNA_N
ClientSampleId :
CS-1

Tot Ion:152 Resp: 1184
Ion Ratio Lower Upper
152 100
150 145.8 117.1 175.7
115 61.3 48.7 73.1



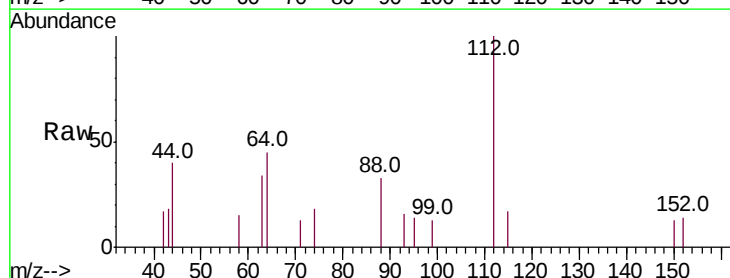
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



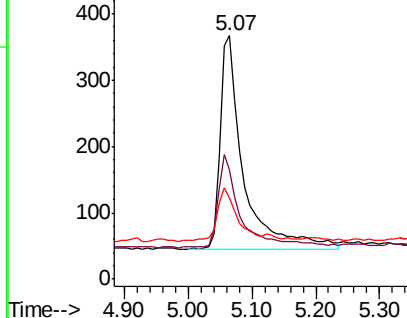
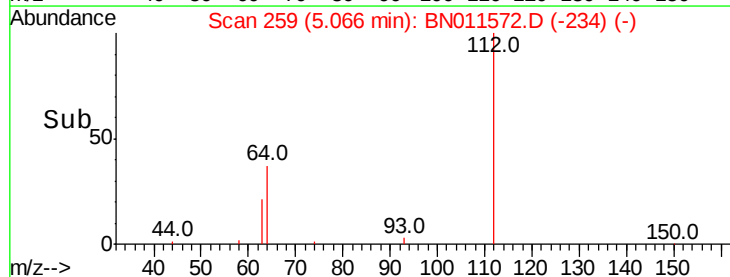
#4

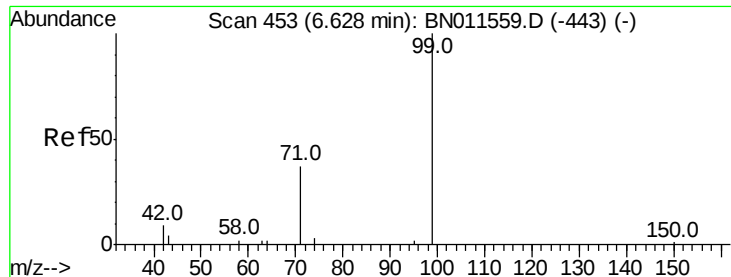
2-Fluorophenol
Concen: 0.323 ng
RT: 5.07 min Scan# 259
Delta R.T. 0.00 min
Lab File: BN011572.D
Acq: 22 Aug 2020 05:28

Tgt Ion:112 Resp: 816
Ion Ratio Lower Upper
112 100
64 41.1 33.9 50.9
63 21.3 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: 0.182 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.06 min

Lab File: BN011572.D

Acq: 22 Aug 2020 05:28

Instrument :

BNA_N

ClientSampled :

CS-1

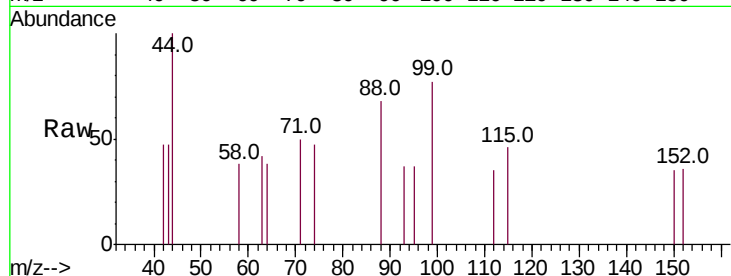
Tot Ion: 99 Resp: 464

Ion Ratio Lower Upper

99 100

42 1.9 9.0 13.4#

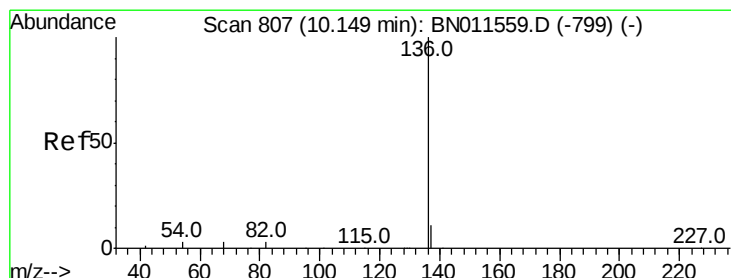
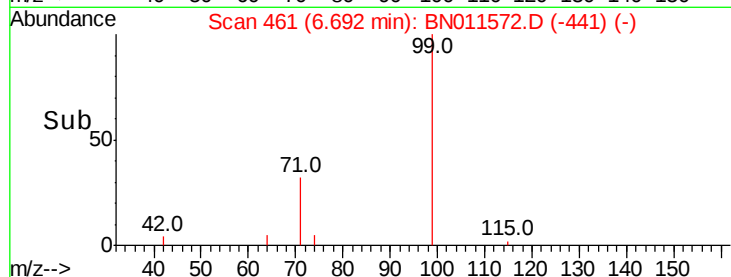
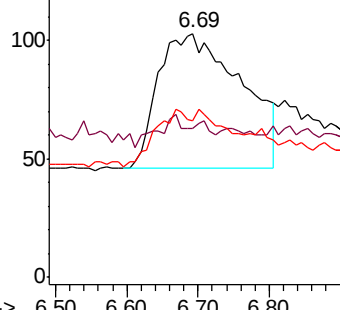
71 0.0 30.4 45.6#



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 807

Delta R.T. 0.00 min

Lab File: BN011572.D

Acq: 22 Aug 2020 05:28

Tgt Ion: 136 Resp: 4657

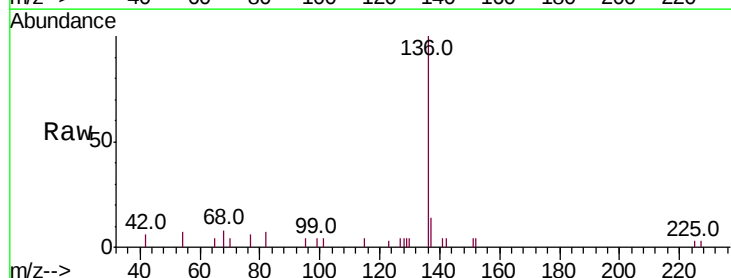
Ion Ratio Lower Upper

136 100

137 13.8 11.0 16.4

54 7.3 4.3 6.5#

68 7.9 4.9 7.3#

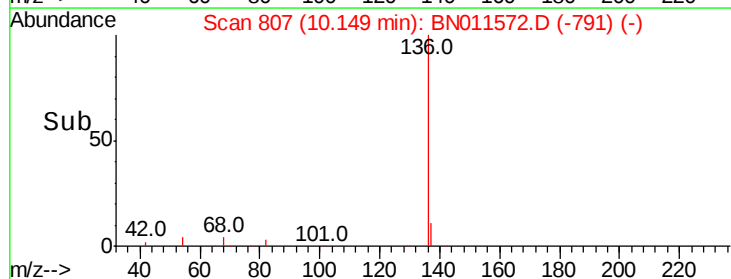
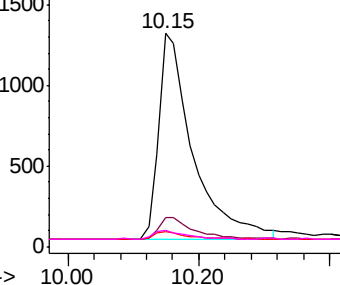


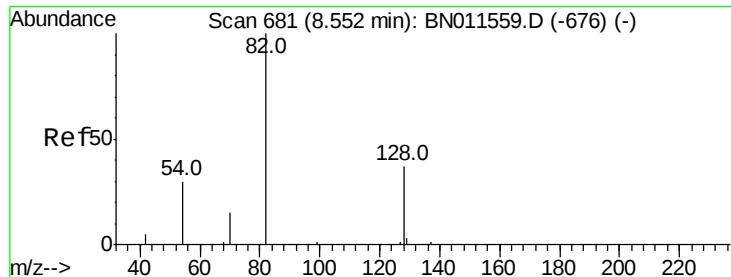
Abundance Ion 136.00 (135.70 to 136.70): BN011559.D (-799) (-)

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) (-)





#8

Nitrobenzene-d5

Concen: 0.226 ng

RT: 8.59 min Scan# 684

Delta R.T. 0.04 min

Lab File: BN011572.D

Acq: 22 Aug 2020 05:28

Instrument :

BNA_N

ClientSampleId :

CS-1

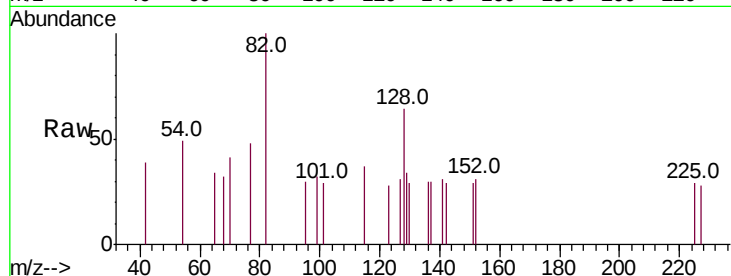
Tot Ion: 82 Resp: 693

Ion Ratio Lower Upper

82 100

128 64.4 41.7 62.5#

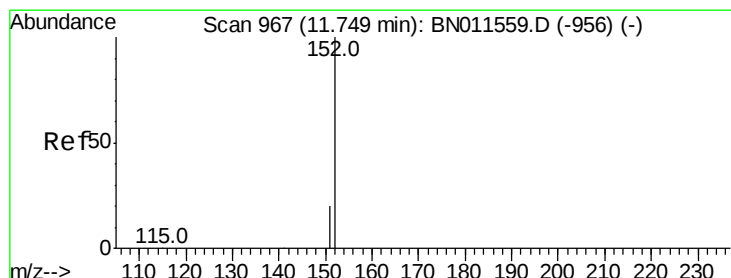
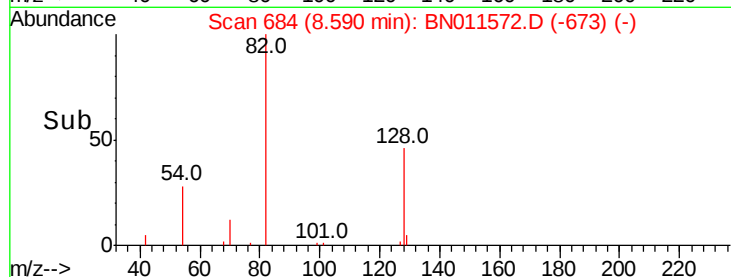
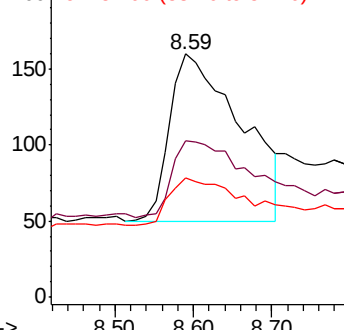
54 48.8 34.4 51.6



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): BN0

Ion 54.00 (53.70 to 54.70): BN0



#11

2-Methylnaphthalene-d10

Concen: 0.211 ng

RT: 11.75 min Scan# 968

Delta R.T. 0.00 min

Lab File: BN011572.D

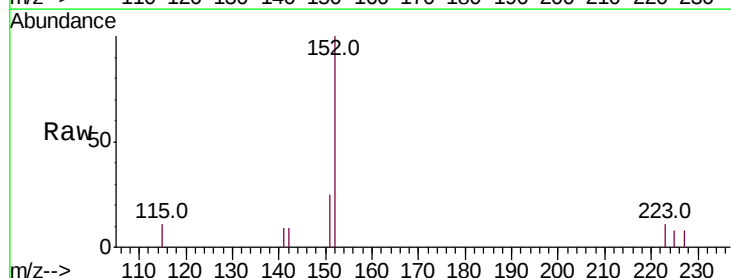
Acq: 22 Aug 2020 05:28

Tgt Ion: 152 Resp: 1752

Ion Ratio Lower Upper

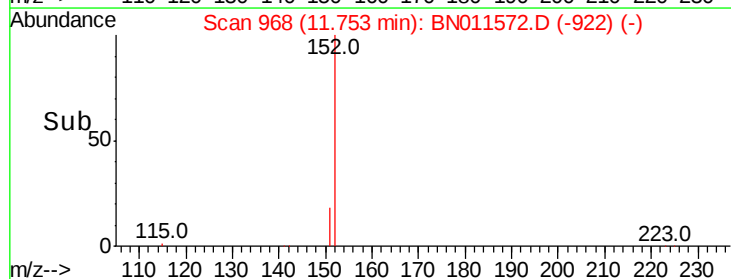
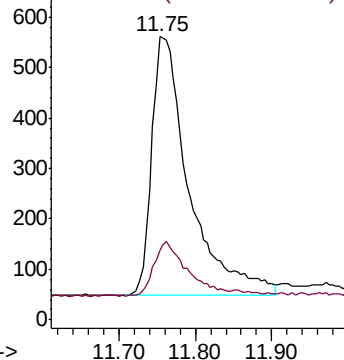
152 100

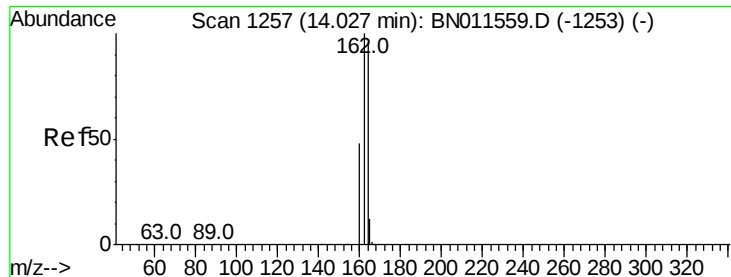
151 18.8 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): BN0

Ion 151.00 (150.70 to 151.70): BN0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011572.D

Acq: 22 Aug 2020 05:28

Instrument :

BNA_N

ClientSampleId :

CS-1

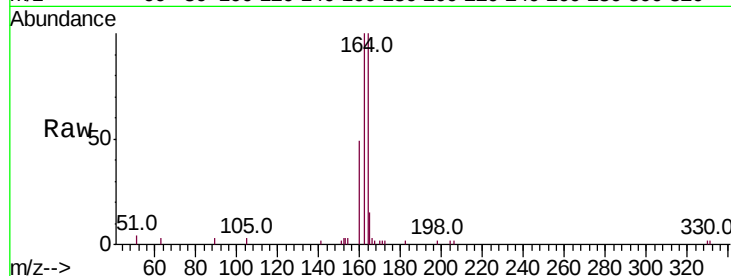
Tot Ion:164 Resp: 3027

Ion Ratio Lower Upper

164 100

162 100.4 83.7 125.5

160 49.0 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

2500

2000

1500

1000

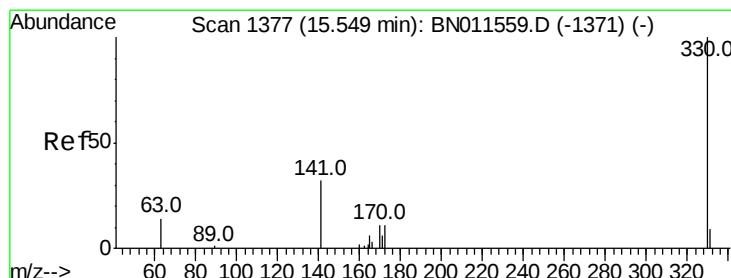
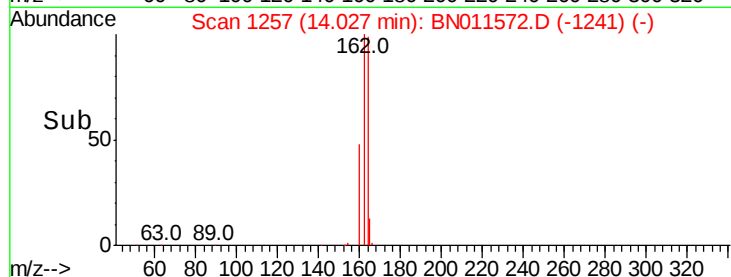
500

0

14.03

Time-->

13.90 14.00 14.10 14.20



#14

2,4,6-Tribromophenol

Concen: 0.247 ng

RT: 15.55 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BN011572.D

Acq: 22 Aug 2020 05:28

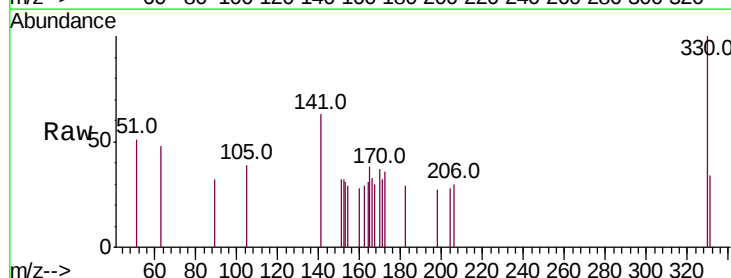
Tgt Ion:330 Resp: 372

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.7 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

200

150

100

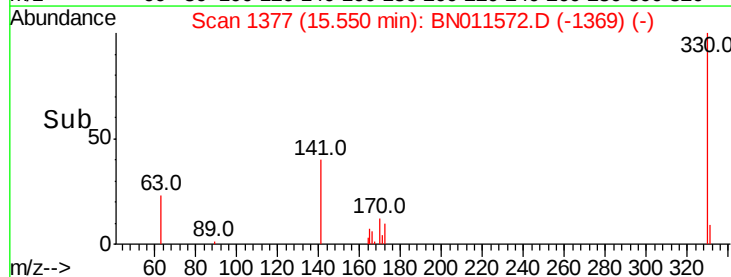
50

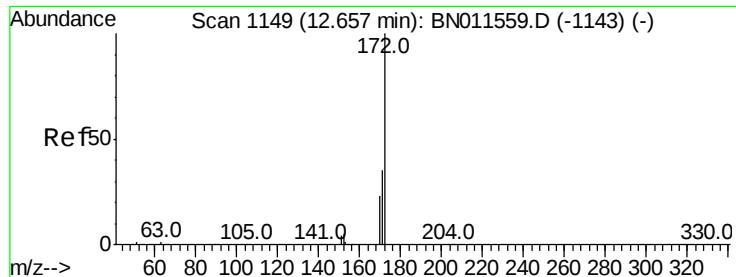
0

15.55

Time-->

15.50 15.60 15.70

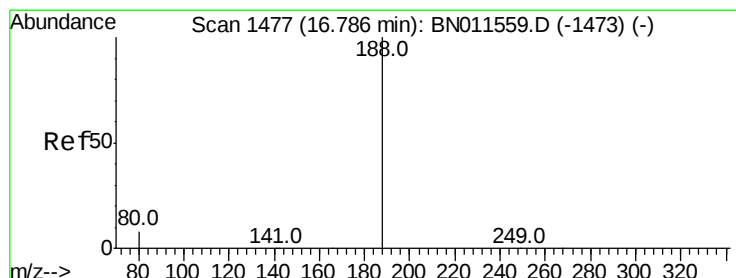
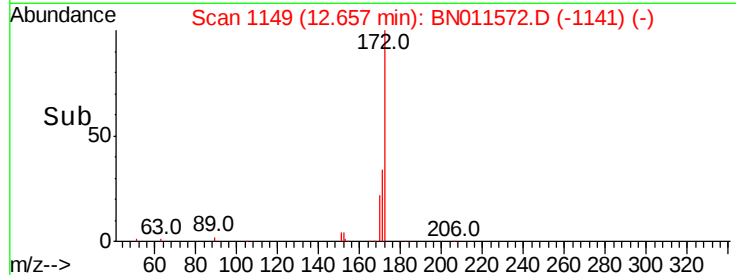
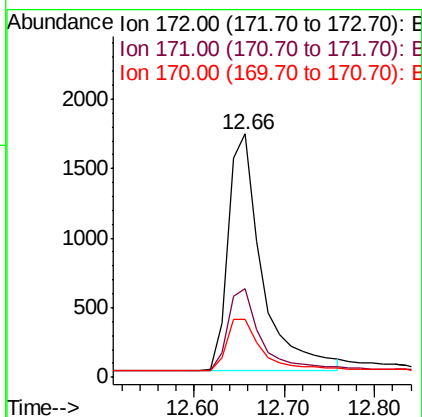
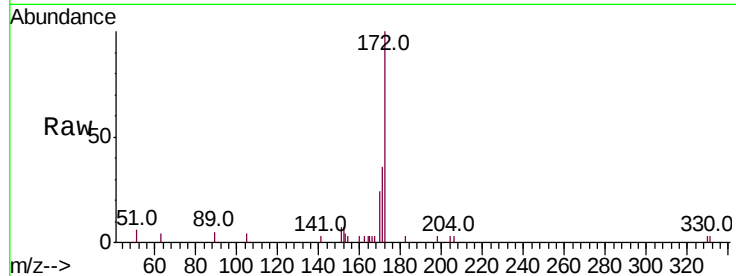




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.66 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BN011572.D
Acq: 22 Aug 2020 05:28

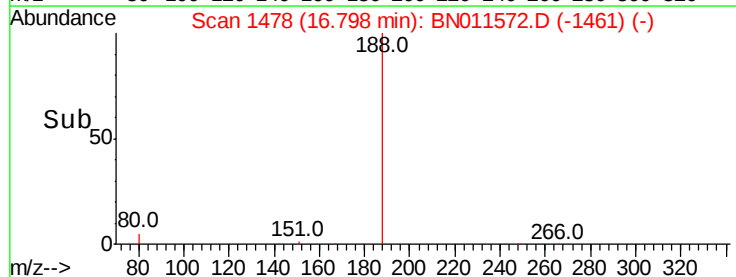
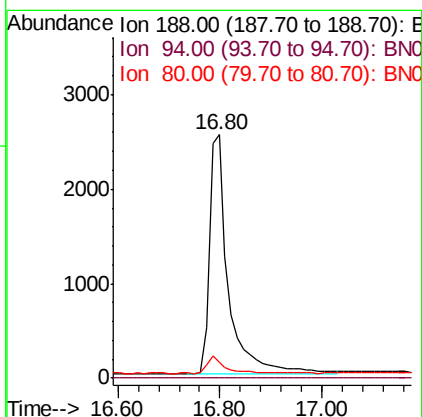
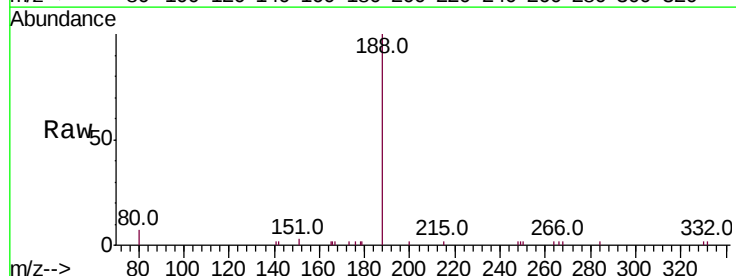
Instrument :
BNA_N
ClientSampleId :
CS-1

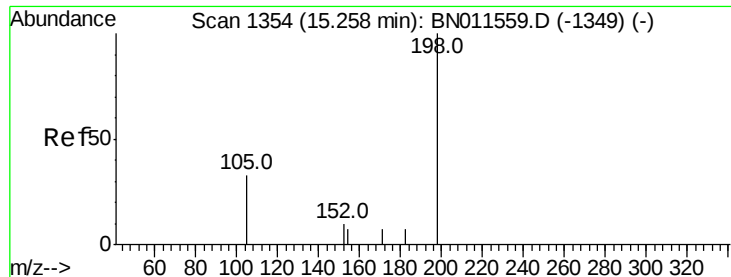
Tot Ion:172 Resp: 4425
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.1 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BN011572.D
Acq: 22 Aug 2020 05:28

Tgt Ion:188 Resp: 6603
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 7.6 11.4#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.177 ng

RT: 15.19 min Scan# 1349

Delta R.T. -0.06 min

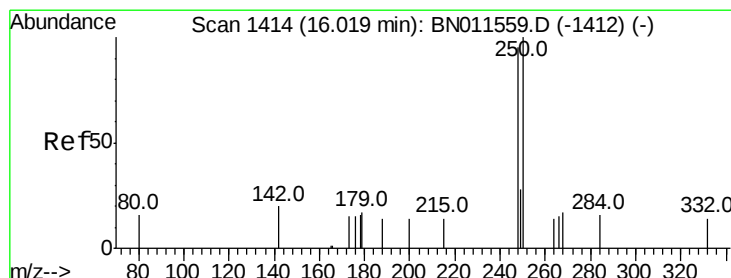
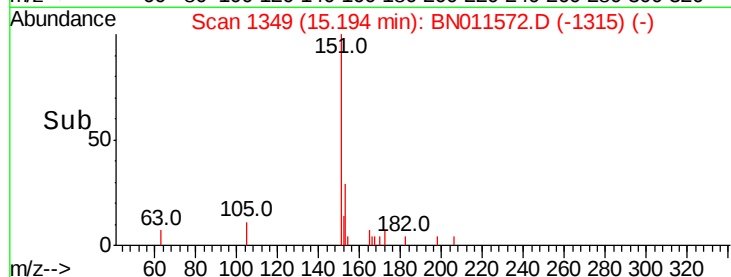
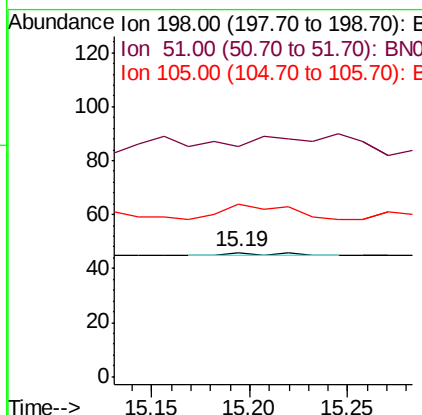
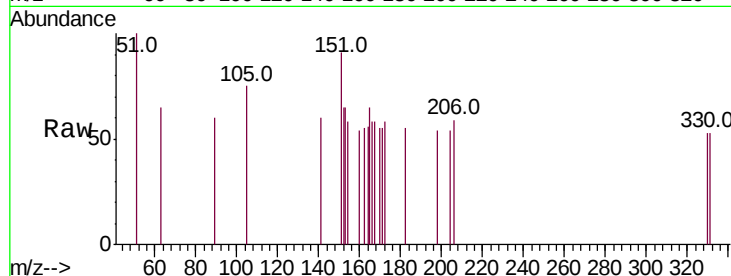
Lab File: BN011572.D

Acq: 22 Aug 2020 05:28

Instrument :
BNA_N
ClientSampleID :
CS-1

Tot Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
51	184.8	89.4	134.2#
105	139.1	70.6	105.8#



#21

4-Bromophenyl-phenylether

Concen: 0.070 ng

RT: 16.02 min Scan# 1414

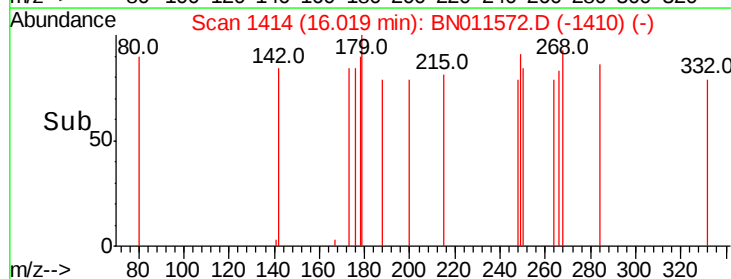
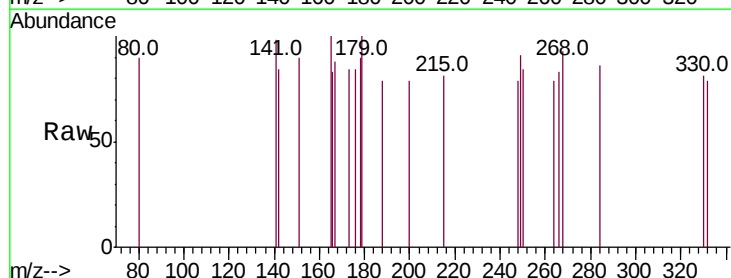
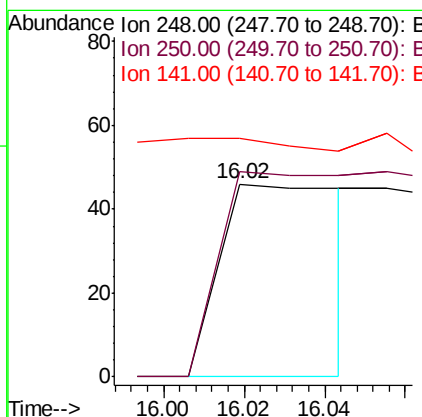
Delta R.T. 0.00 min

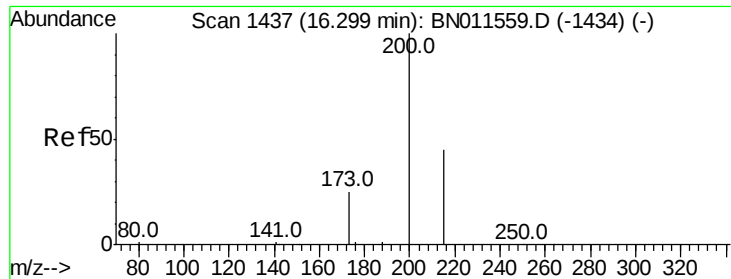
Lab File: BN011572.D

Acq: 22 Aug 2020 05:28

Tgt Ion:248 Resp: 101

Ion	Ratio	Lower	Upper
248	100		
250	106.5	83.8	125.8
141	123.9	41.0	61.6#

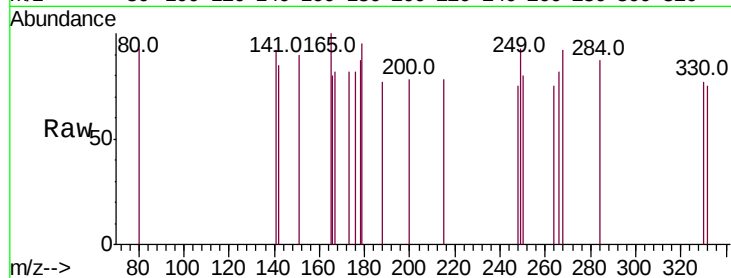




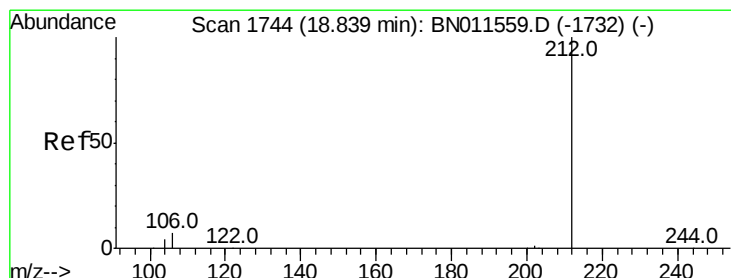
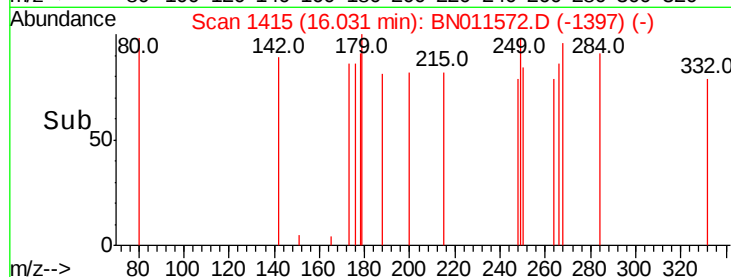
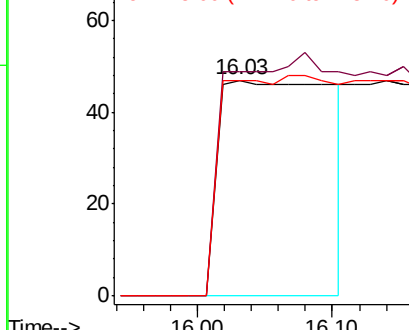
#23
Atrazine
Concen: 0.079 ng
RT: 16.03 min Scan# 1415
Delta R.T. -0.27 min
Lab File: BN011572.D
Acq: 22 Aug 2020 05:28

Instrument :
BNA_N
ClientSampleId :
CS-1

Tot Ion:200 Resp: 272
Ion Ratio Lower Upper
200 100
173 104.3 27.7 41.5#
215 100.0 41.5 62.3#

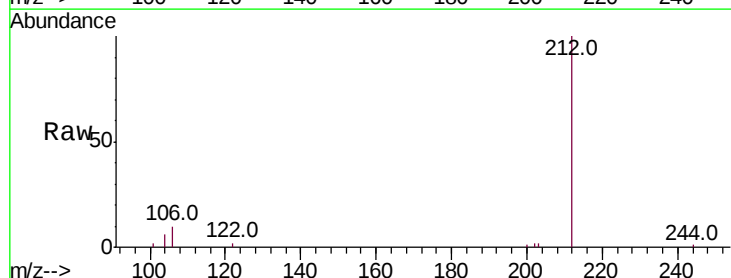


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

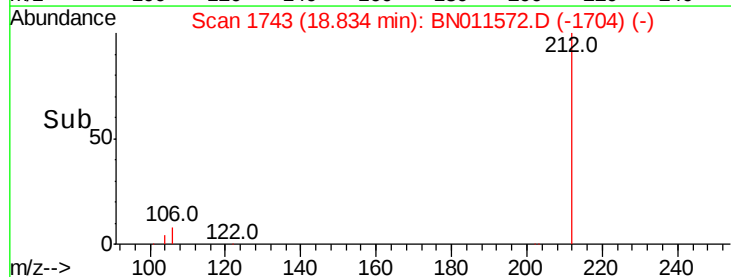
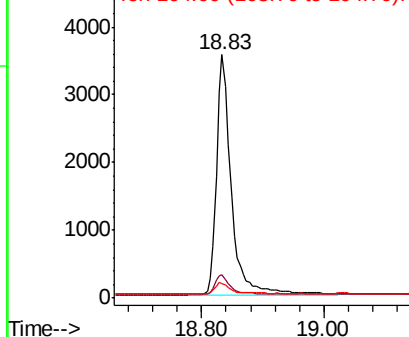


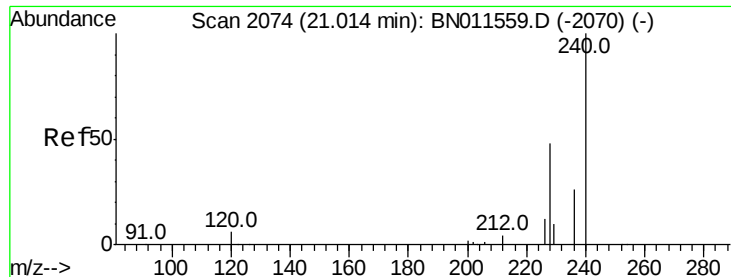
#27
Fluoranthene-d10
Concen: 0.268 ng
RT: 18.83 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BN011572.D
Acq: 22 Aug 2020 05:28

Tgt Ion:212 Resp: 5962
Ion Ratio Lower Upper
212 100
106 8.2 6.2 9.2
104 4.6 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: BN011572.D

Acq: 22 Aug 2020 05:28

Instrument :

BNA_N

ClientSampleId :

CS-1

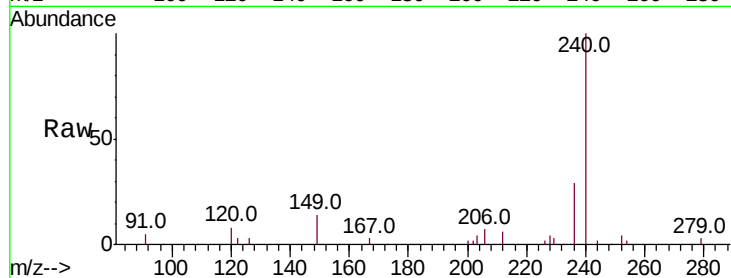
Tot Ion:240 Resp: 5946

Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.0

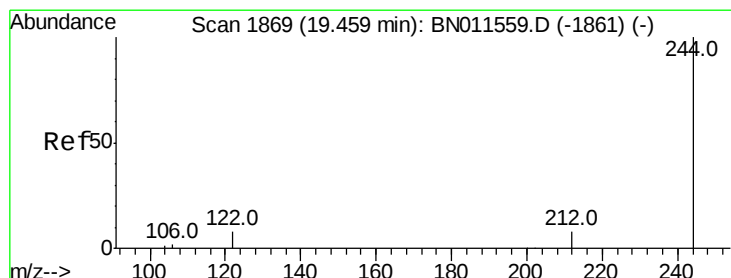
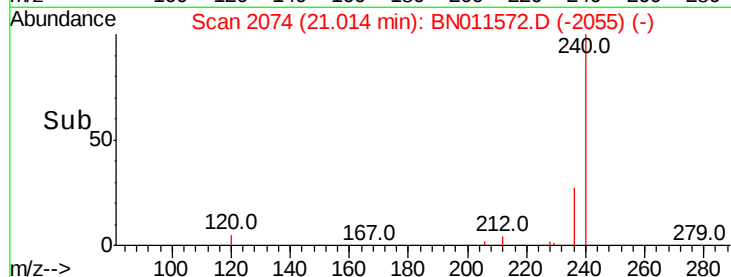
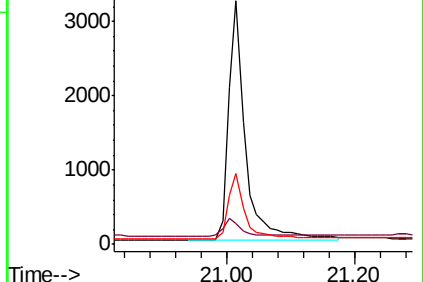
236 29.0 22.3 33.5



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: 0.518 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011572.D

Acq: 22 Aug 2020 05:28

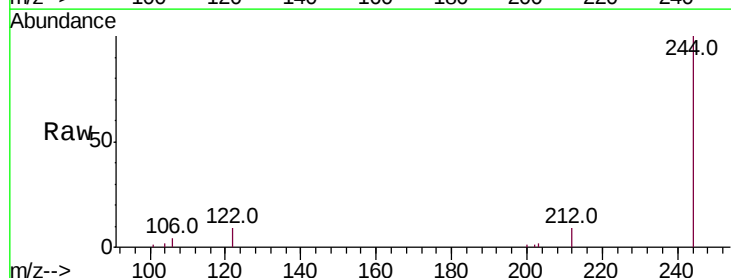
Tgt Ion:244 Resp: 8026

Ion Ratio Lower Upper

244 100

212 9.2 8.2 12.4

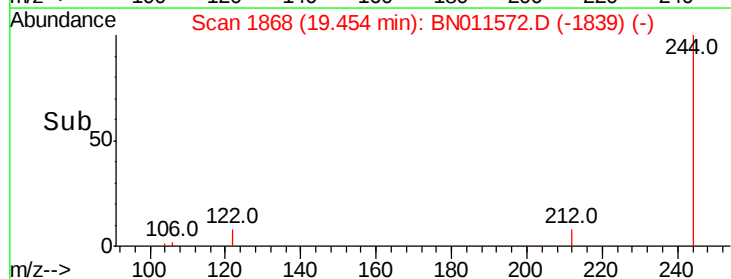
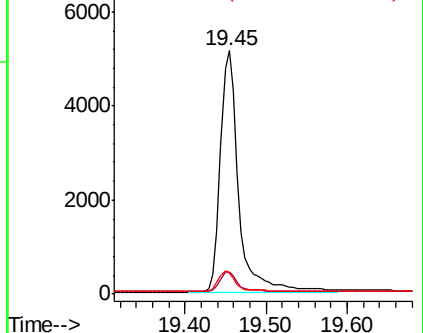
122 8.8 8.0 12.0

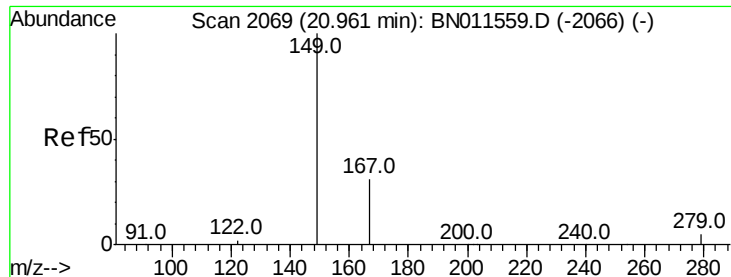


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.065 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011572.D

Acq: 22 Aug 2020 05:28

Instrument :

BNA_N

ClientSampled :

CS-1

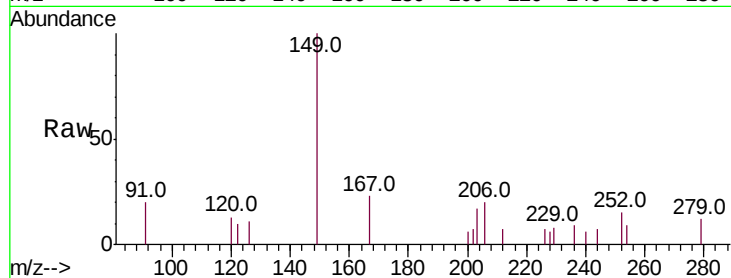
Tot Ion:149 Resp: 554

Ion Ratio Lower Upper

149 100

167 25.5 22.8 34.2

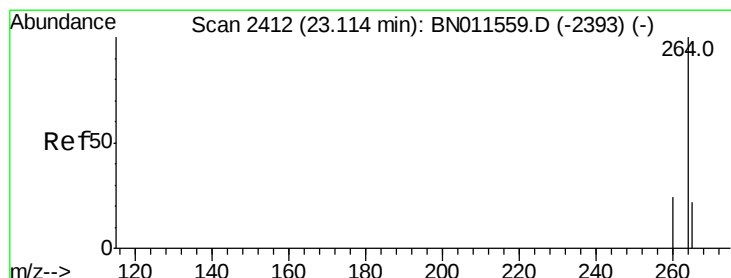
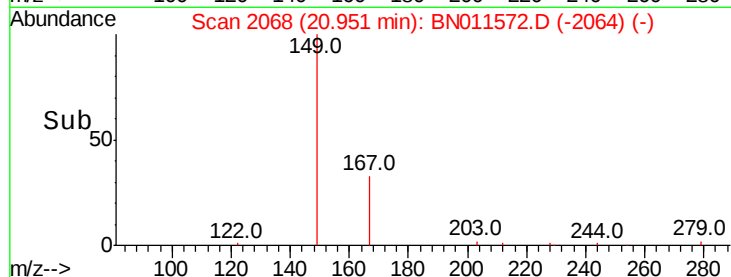
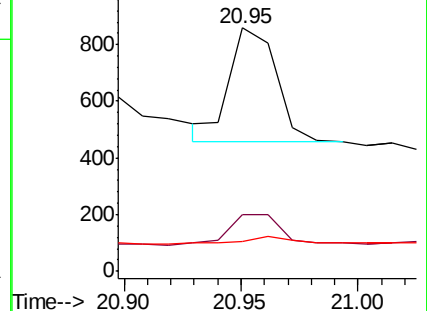
279 4.0 4.2 6.2#



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: BN011572.D

Acq: 22 Aug 2020 05:28

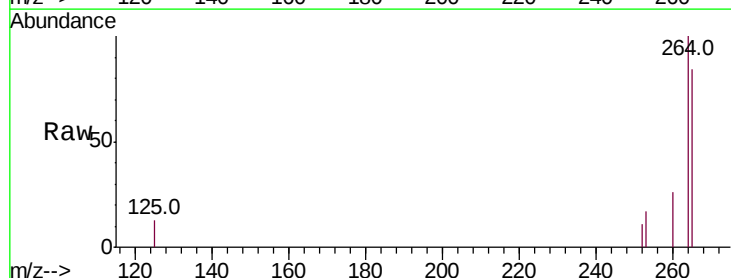
Tgt Ion:264 Resp: 5972

Ion Ratio Lower Upper

264 100

260 25.5 20.3 30.5

265 83.7 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

