

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011574.D
 Acq On : 22 Aug 2020 06:40
 Operator : CG/JU
 Sample : L3768-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-3

Quant Time: Aug 22 07:50:57 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

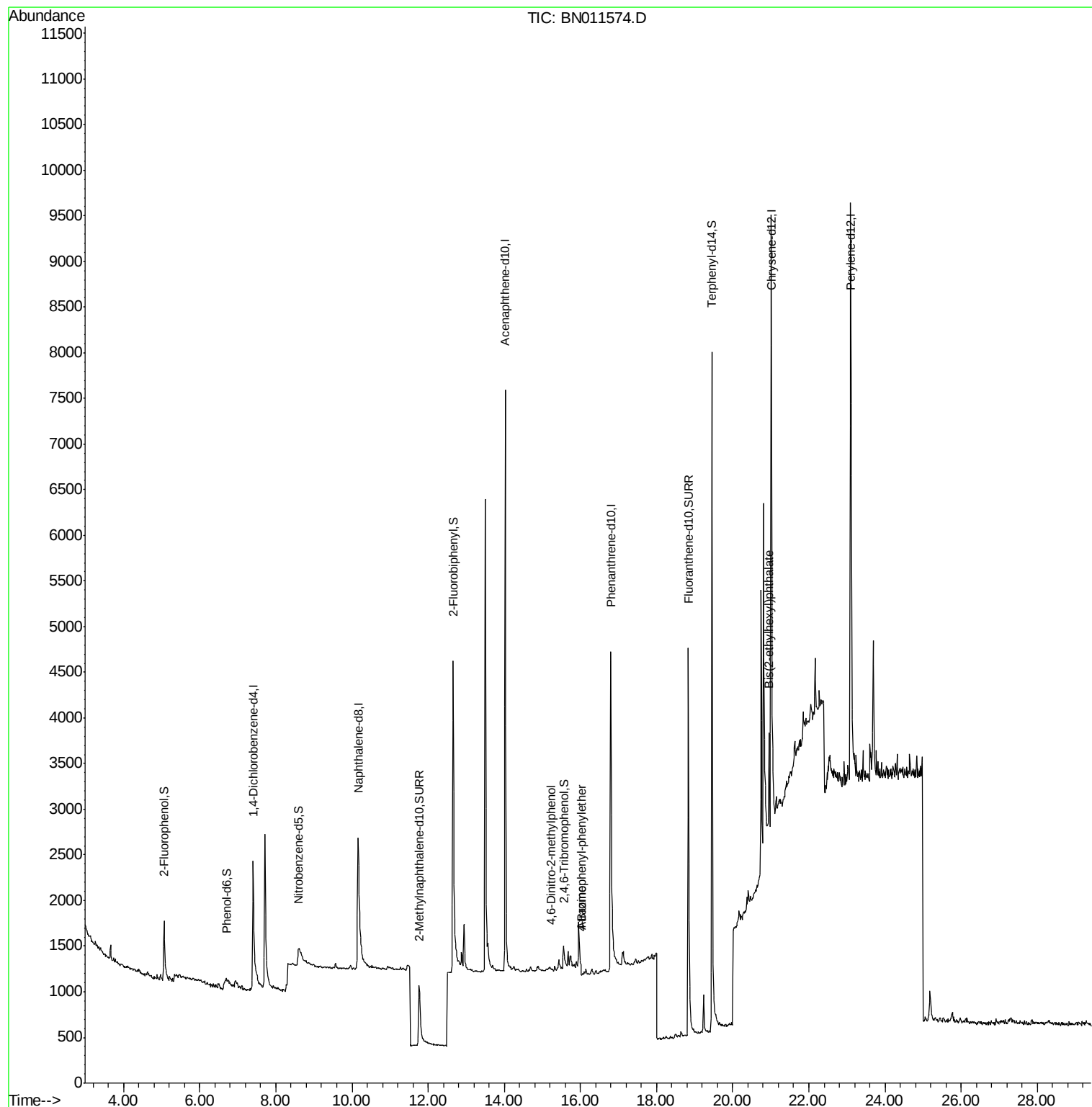
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1390	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	4846	0.40	ng	0.01
13) Acenaphthene-d10	14.03	164	3876	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	8469	0.40	ng	0.01
29) Chrysene-d12	21.01	240	9161	0.40	ng	0.00
36) Perylene-d12	23.10	264	9620	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	913	0.31	ng	0.00
5) Phenol-d6	6.69	99	453	0.15	ng	0.06
8) Nitrobenzene-d5	8.60	82	709	0.22	ng	0.05
11) 2-Methylnaphthalene-d10	11.77	152	2011	0.23	ng	0.02
14) 2,4,6-Tribromophenol	15.56	330	409	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.66	172	4973	0.31	ng	0.00
27) Fluoranthene-d10	18.83	212	6835	0.24	ng	0.00
31) Terphenyl-d14	19.45	244	10288	0.43	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylphenol	15.22	198	4	0.177	ng	# 30
21) 4-Bromophenyl-phenylether	16.02	248	68	0.037	ng	# 63
23) Atrazine	16.03	200	104	0.024	ng	# 7
34) Bis(2-ethylhexyl)phthalate	20.95	149	1091	0.082	ng	# 94

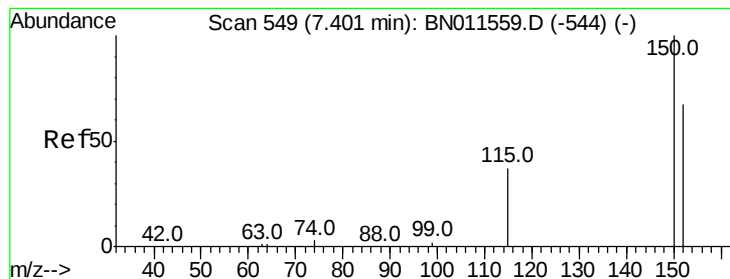
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA_N

ClientSampleId :

CS-3

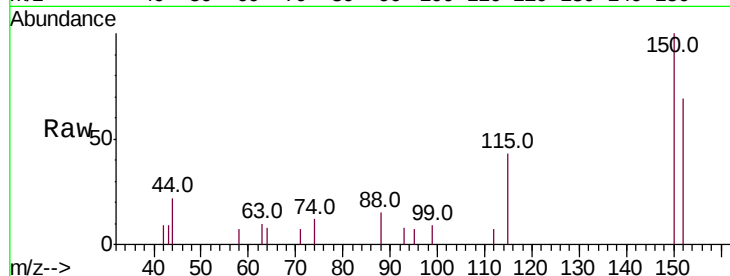
Tot Ion:152 Resp: 1390

Ion Ratio Lower Upper

152 100

150 144.3 117.1 175.7

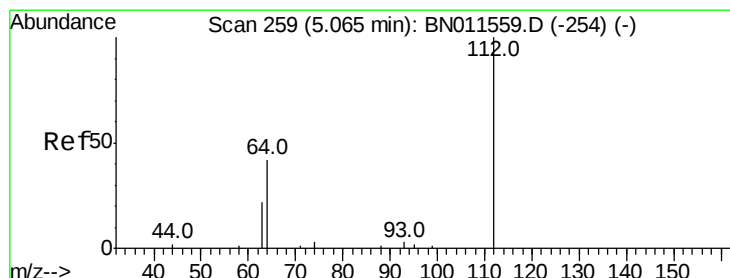
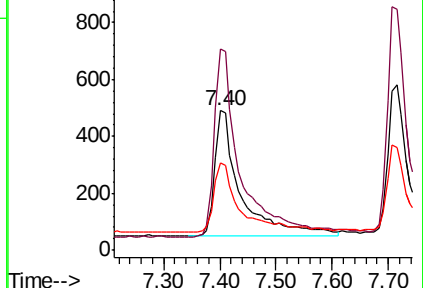
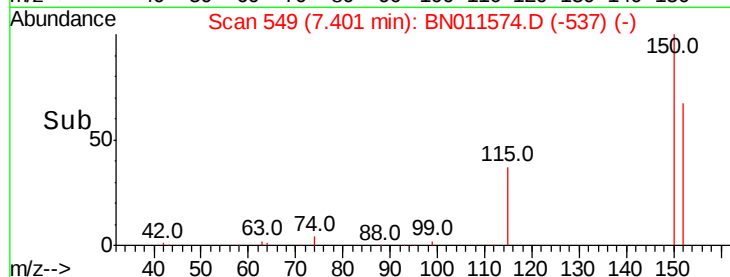
115 62.7 48.7 73.1



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: 0.308 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

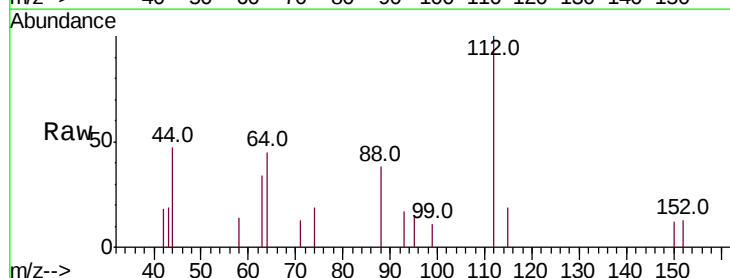
Tgt Ion:112 Resp: 913

Ion Ratio Lower Upper

112 100

64 40.5 33.9 50.9

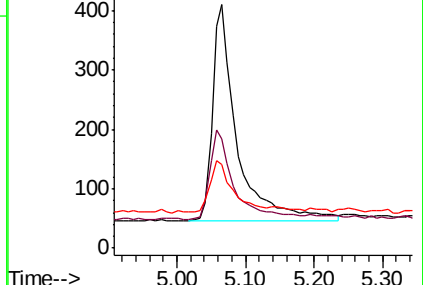
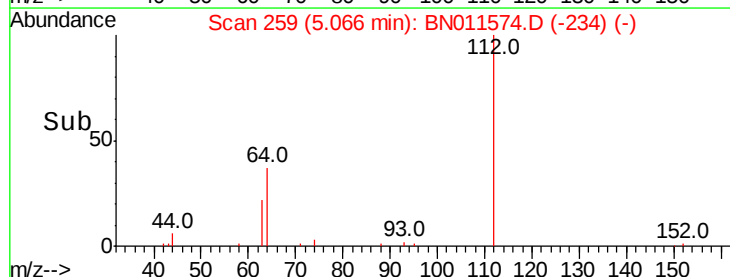
63 21.8 17.7 26.5

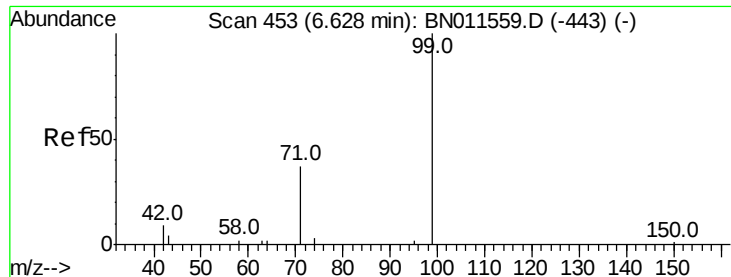


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.151 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.06 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA_N

ClientSampled :

CS-3

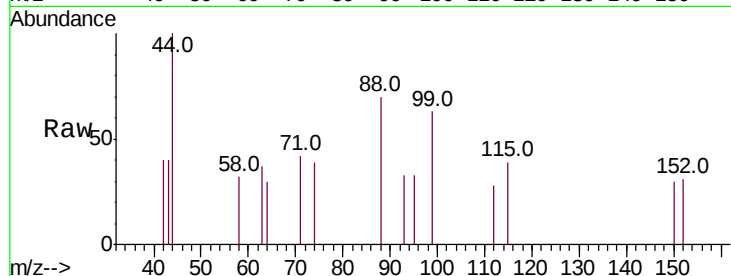
Tot Ion: 99 Resp: 453

Ion Ratio Lower Upper

99 100

42 1.3 9.0 13.4#

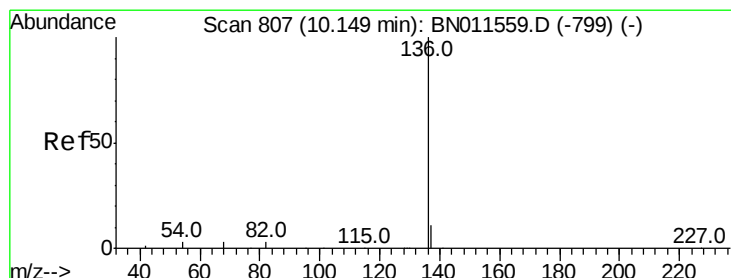
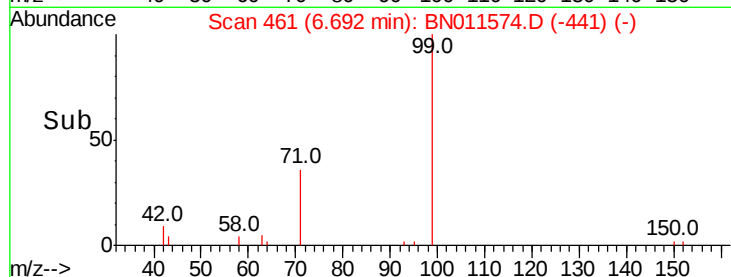
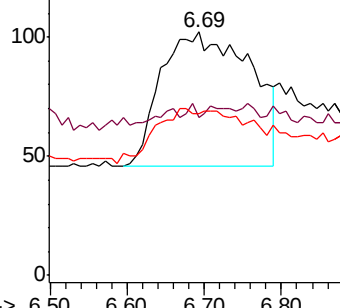
71 0.0 30.4 45.6#



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: 10.16 min Scan# 808

Delta R.T. 0.01 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Tgt Ion: 136 Resp: 4846

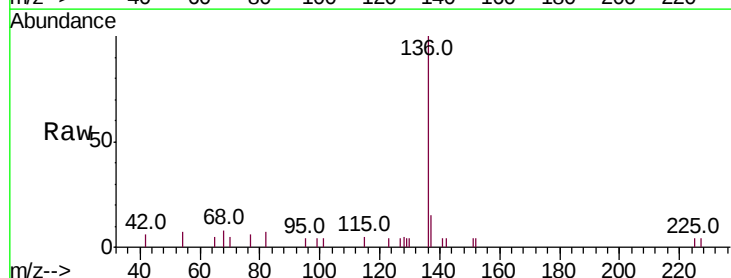
Ion Ratio Lower Upper

136 100

137 14.5 11.0 16.4

54 7.1 4.3 6.5#

68 7.7 4.9 7.3#

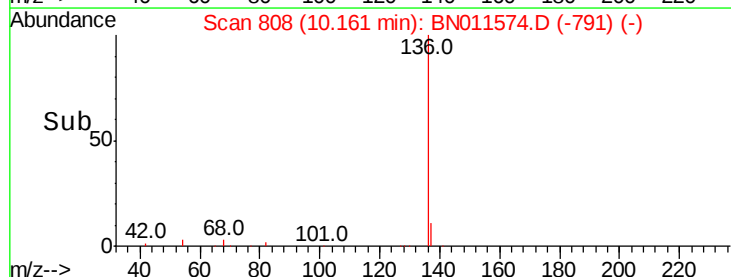
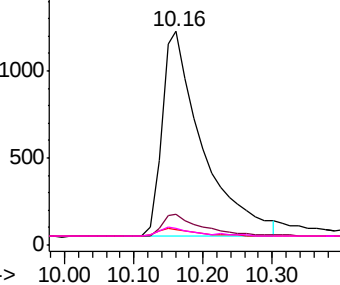


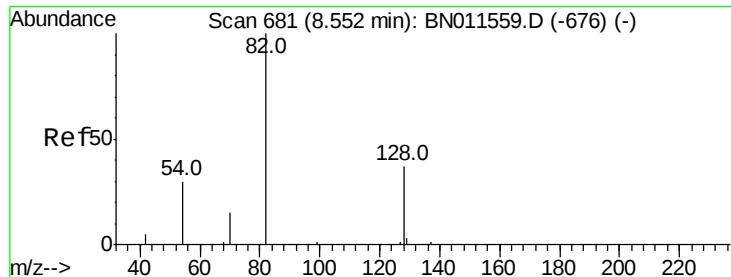
Abundance Ion 136.00 (135.70 to 136.70): BN011559.D (-799) (-)

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: 0.223 ng

RT: 8.60 min Scan# 685

Delta R.T. 0.05 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA_N

ClientSampleId :

CS-3

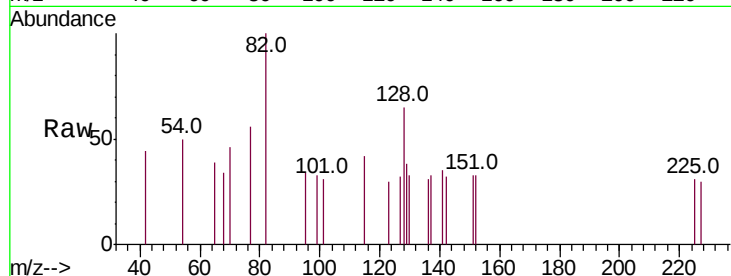
Tot Ion: 82 Resp: 709

Ion Ratio Lower Upper

82 100

128 64.7 41.7 62.5#

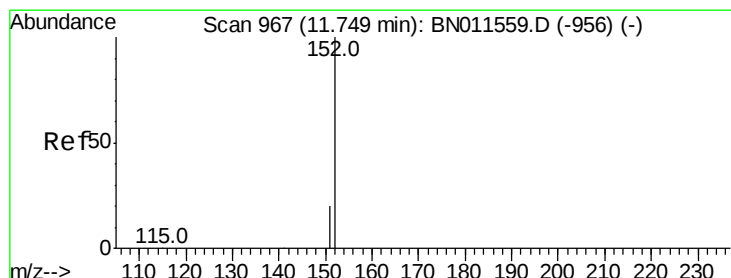
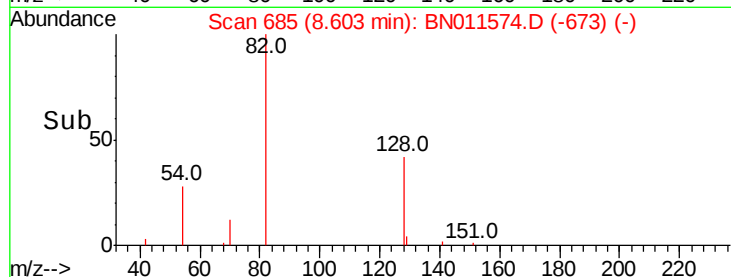
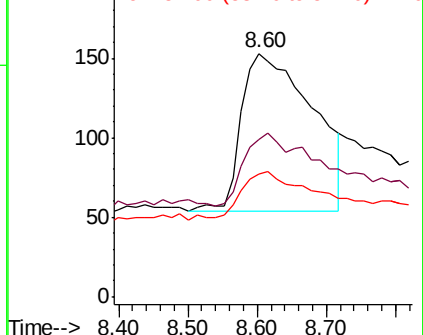
54 50.3 34.4 51.6



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#11

2-Methylnaphthalene-d10

Concen: 0.232 ng

RT: 11.77 min Scan# 971

Delta R.T. 0.02 min

Lab File: BN011574.D

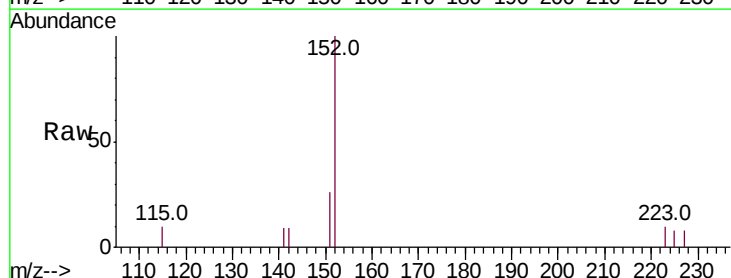
Acq: 22 Aug 2020 06:40

Tgt Ion: 152 Resp: 2011

Ion Ratio Lower Upper

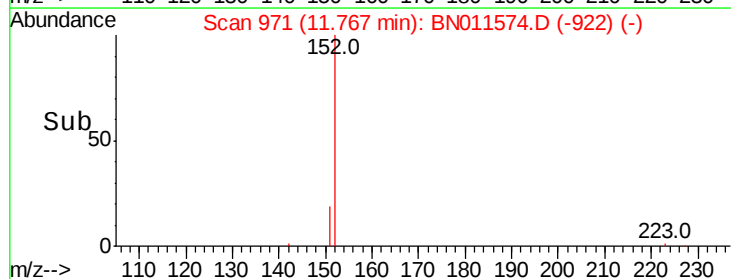
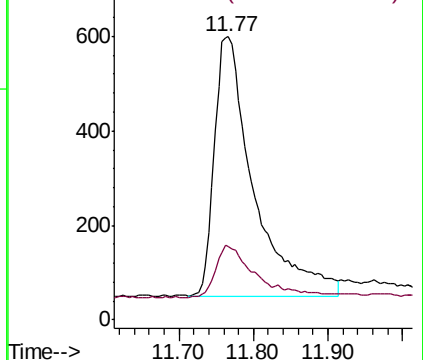
152 100

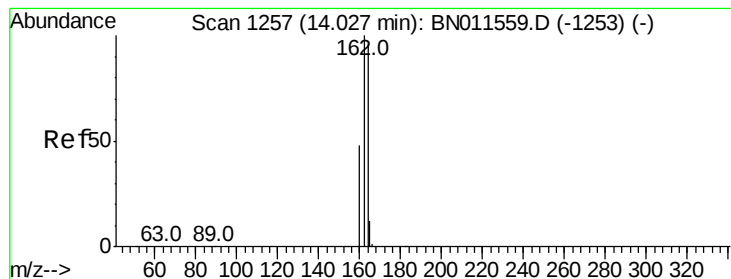
151 20.5 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA_N

ClientSampleId :

CS-3

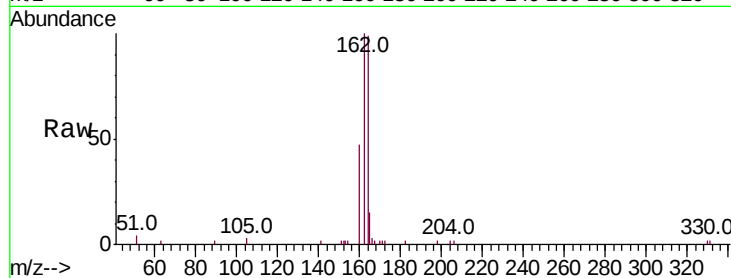
Tot Ion:164 Resp: 3876

Ion Ratio Lower Upper

164 100

162 101.5 83.7 125.5

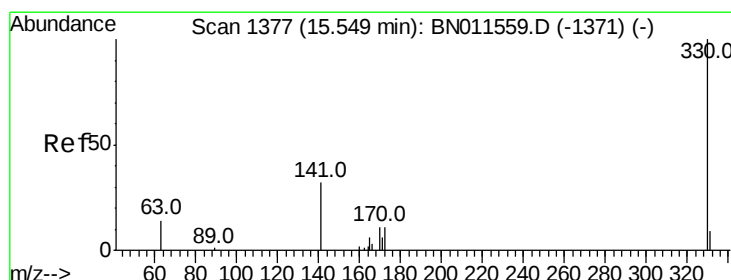
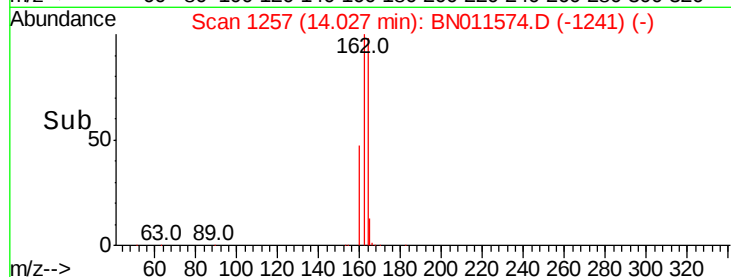
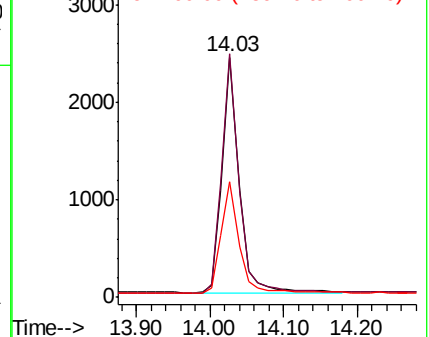
160 48.2 41.1 61.7



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: 0.212 ng

RT: 15.56 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

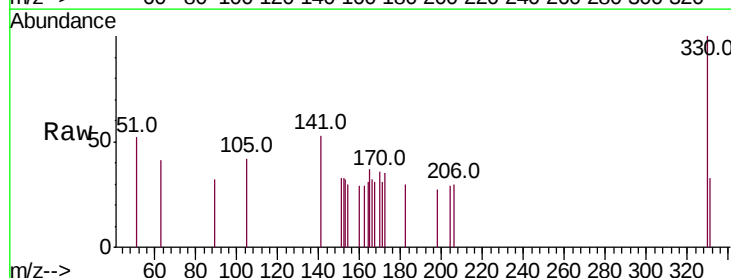
Tgt Ion:330 Resp: 409

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

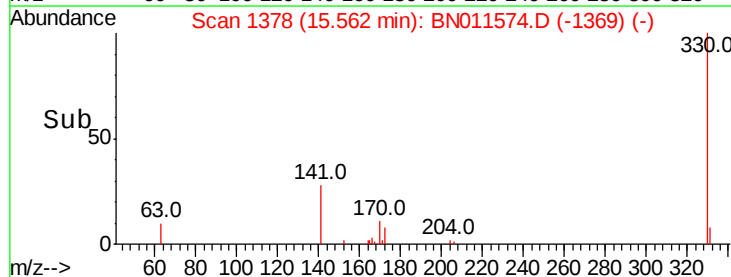
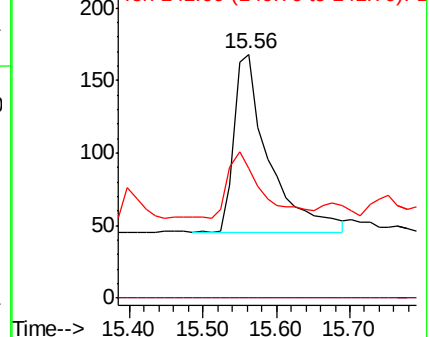
141 33.5 34.6 52.0#

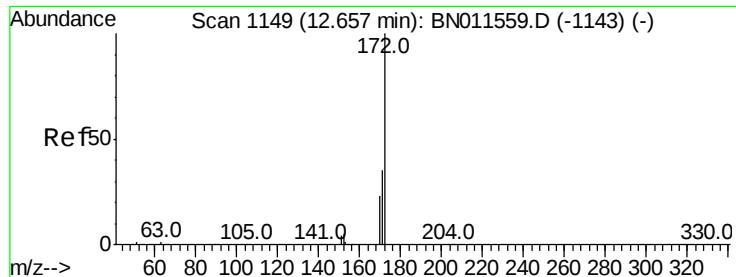


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

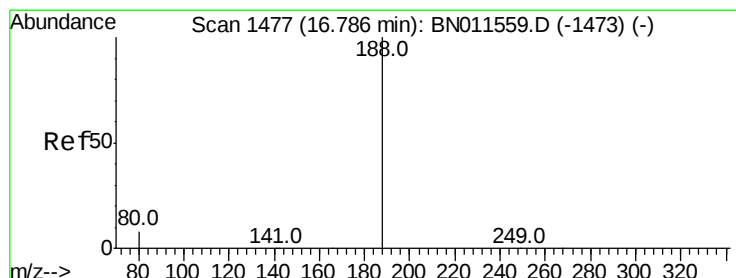
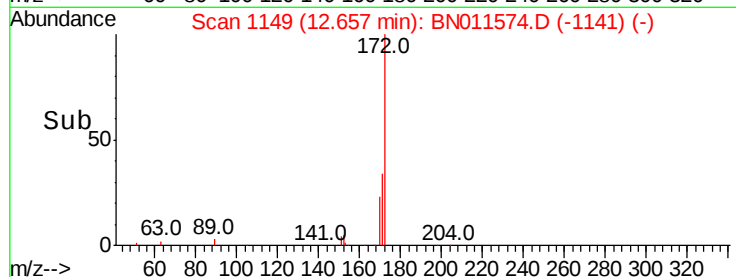
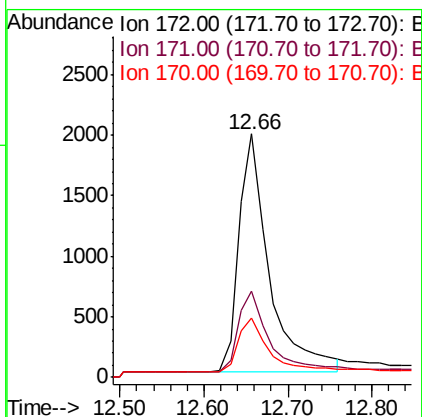
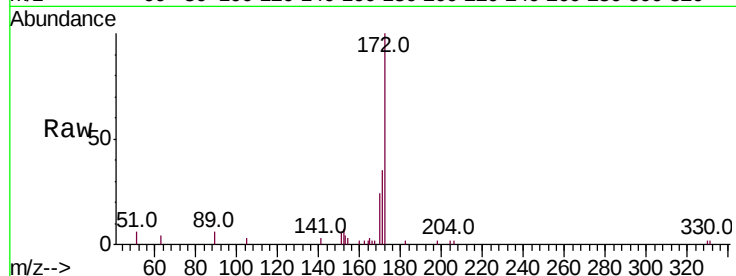




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.66 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BN011574.D
Acq: 22 Aug 2020 06:40

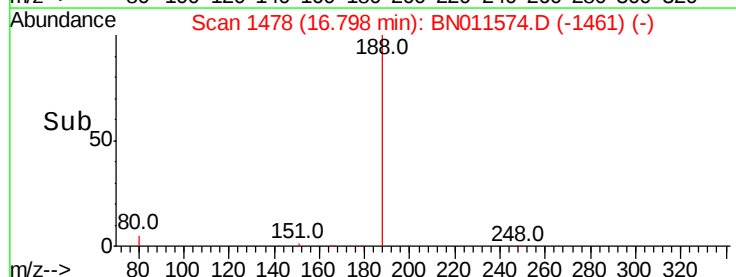
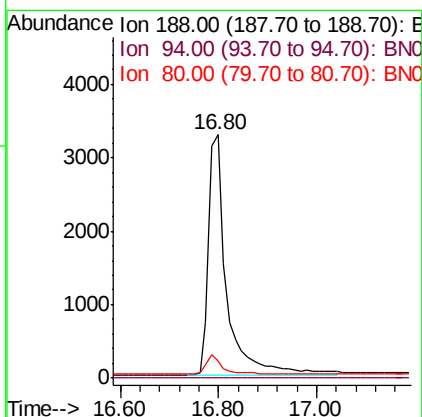
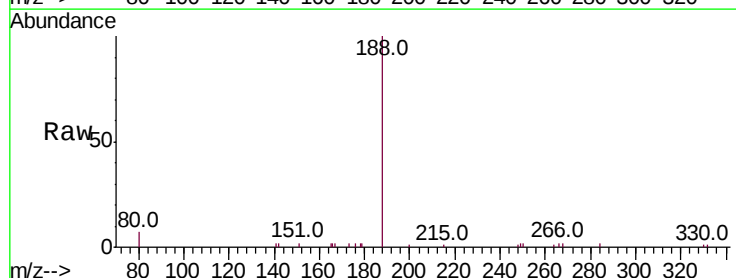
Instrument :
BNA_N
ClientSampleId :
CS-3

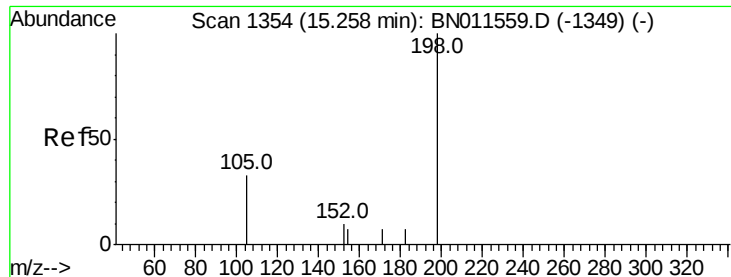
Tot Ion:172 Resp: 4973
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 24.3 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BN011574.D
Acq: 22 Aug 2020 06:40

Tgt Ion:188 Resp: 8469
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 7.6 11.4#

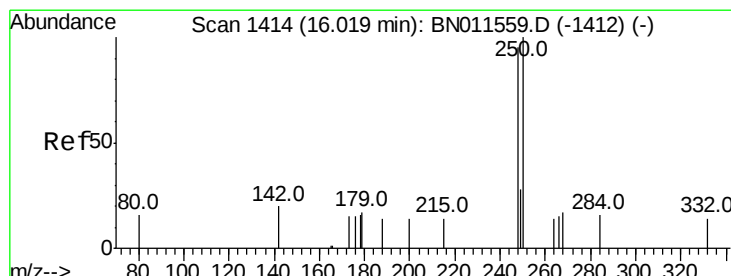
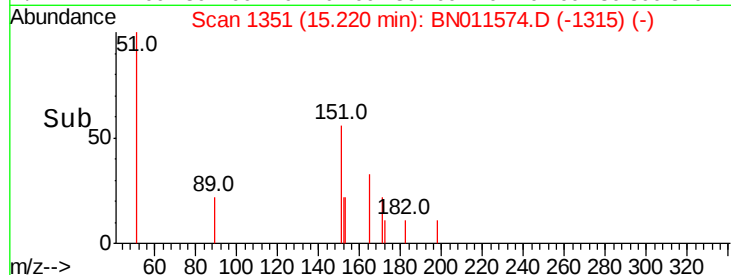
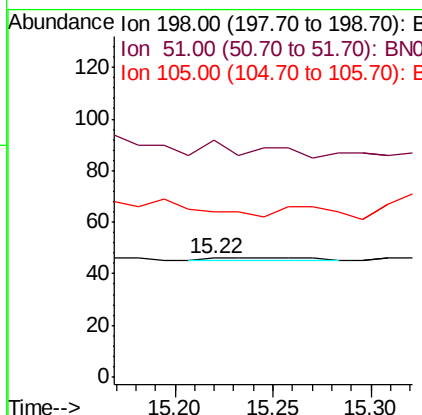
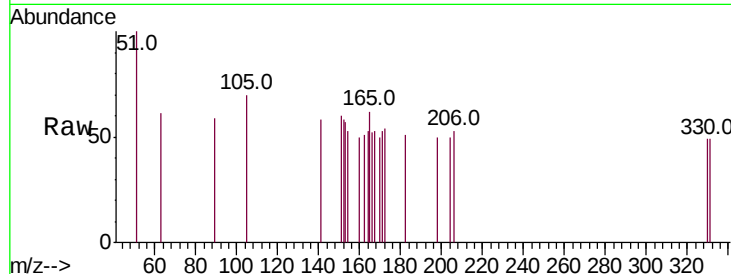




#20
4,6-Dinitro-2-methylphenol
Concen: 0.177 ng
RT: 15.22 min Scan# 1351
Delta R.T. -0.04 min
Lab File: BN011574.D
Acq: 22 Aug 2020 06:40

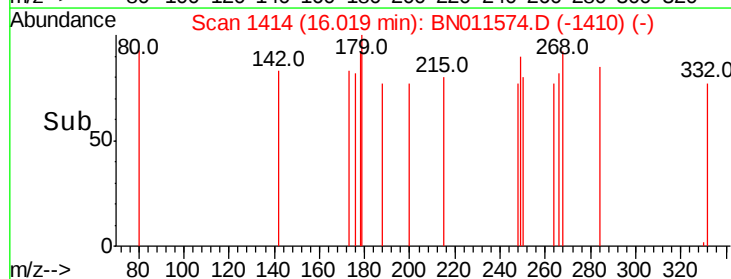
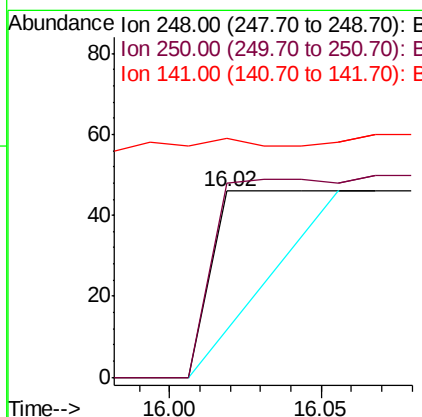
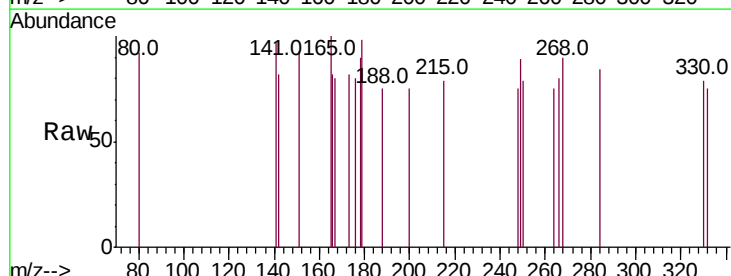
Instrument :
BNA_N
ClientSampled :
CS-3

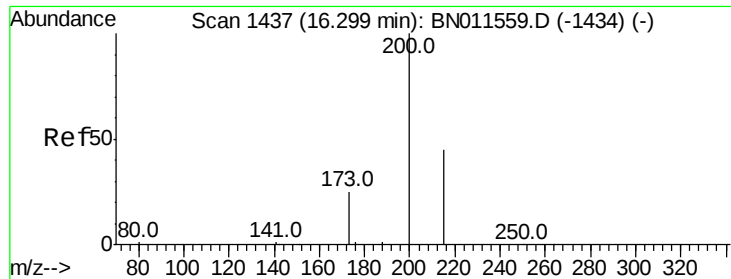
Tot Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 200.0 89.4 134.2#
105 139.1 70.6 105.8#



#21
4-Bromophenyl-phenylether
Concen: 0.037 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011574.D
Acq: 22 Aug 2020 06:40

Tgt Ion:248 Resp: 68
Ion Ratio Lower Upper
248 100
250 104.3 83.8 125.8
141 128.3 41.0 61.6#





#23

Atrazine

Concen: 0.024 ng

RT: 16.03 min Scan# 1415

Delta R.T. -0.27 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA_N

ClientSampleId :

CS-3

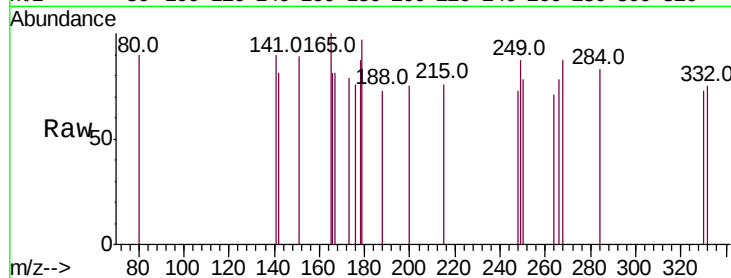
Tot Ion:200 Resp: 104

Ion Ratio Lower Upper

200 100

173 106.4 27.7 41.5#

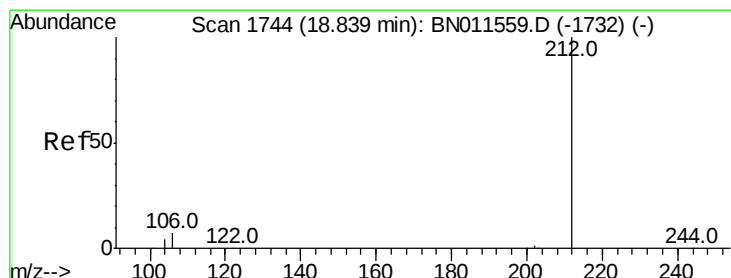
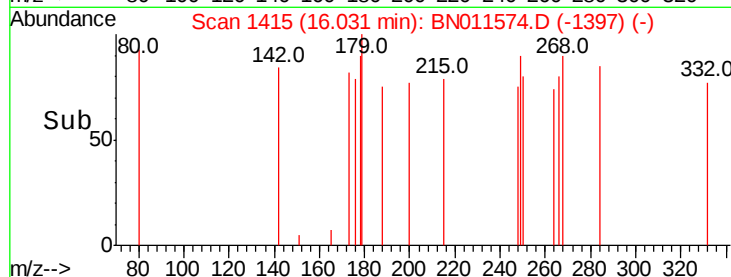
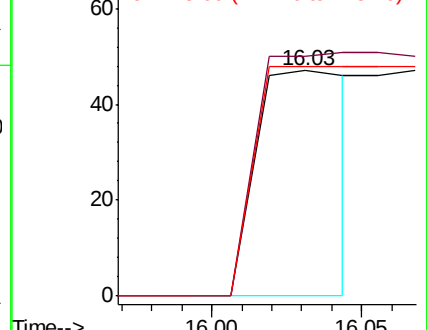
215 102.1 41.5 62.3#



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: 0.240 ng

RT: 18.83 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

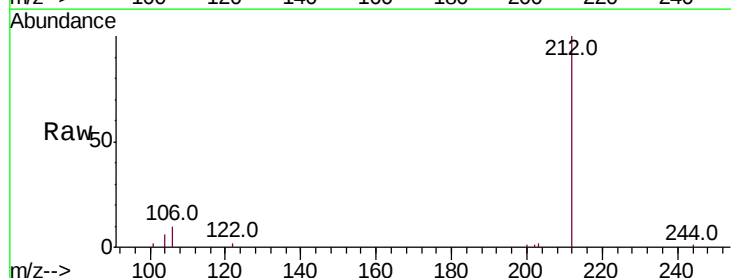
Tgt Ion:212 Resp: 6835

Ion Ratio Lower Upper

212 100

106 8.0 6.2 9.2

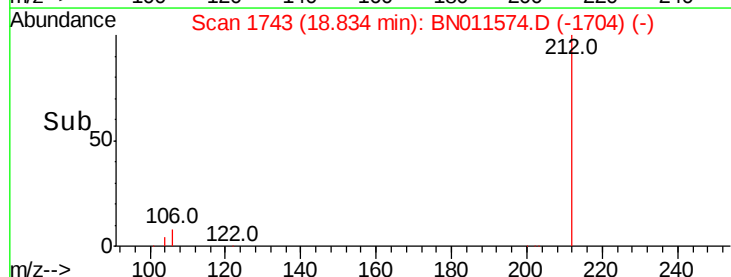
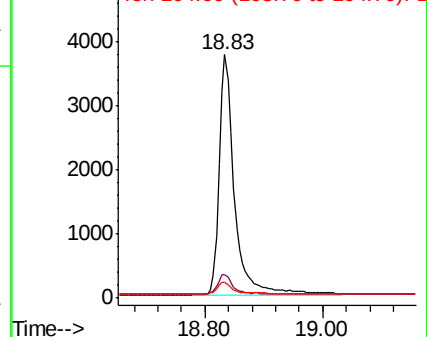
104 4.4 3.8 5.6

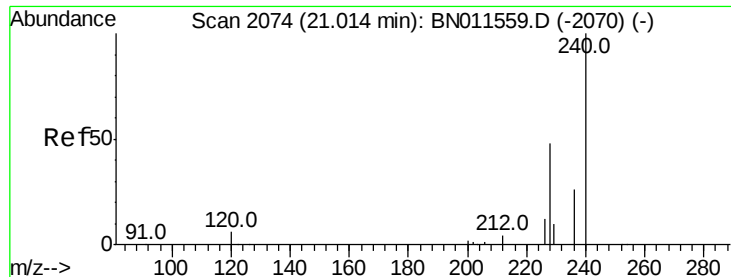


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN011574.D

Acq: 22 Aug 2020 06:40

Instrument :

BNA_N

ClientSampleId :

CS-3

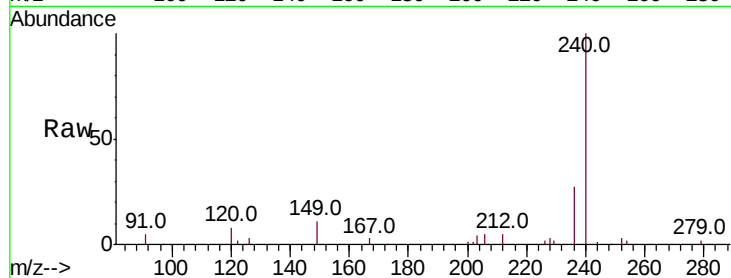
Tot Ion:240 Resp: 9161

Ion Ratio Lower Upper

240 100

120 7.7 7.4 11.0

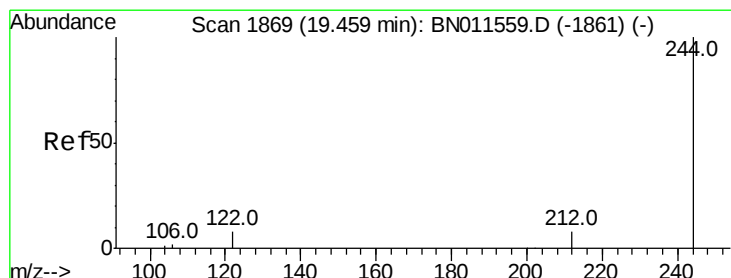
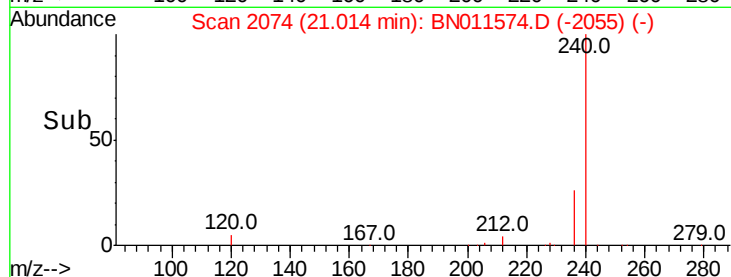
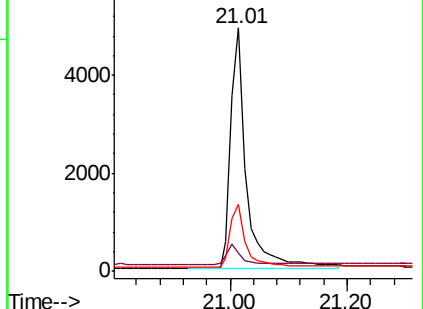
236 27.3 22.3 33.5



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: 0.431 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011574.D

Acq: 22 Aug 2020 06:40

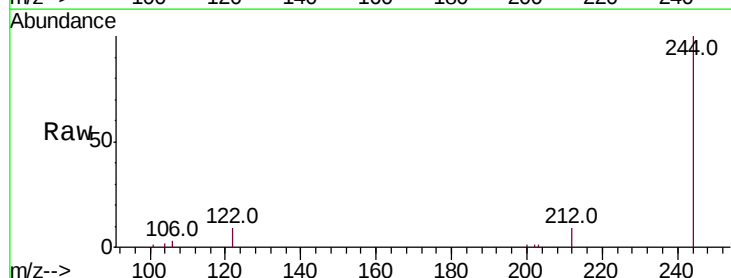
Tgt Ion:244 Resp: 10288

Ion Ratio Lower Upper

244 100

212 8.6 8.2 12.4

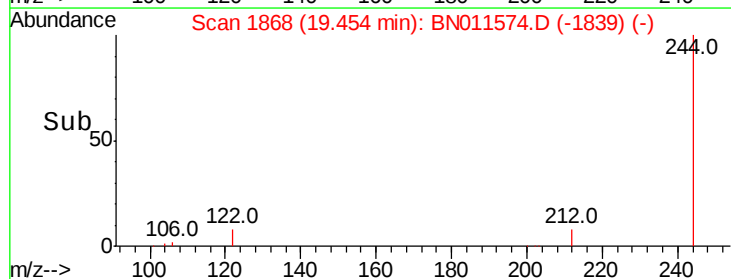
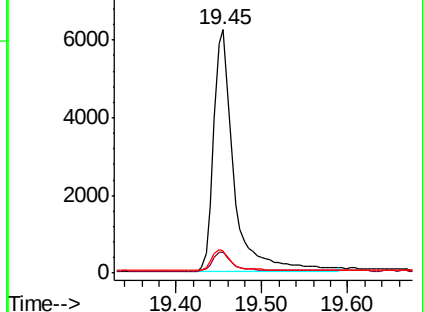
122 9.0 8.0 12.0

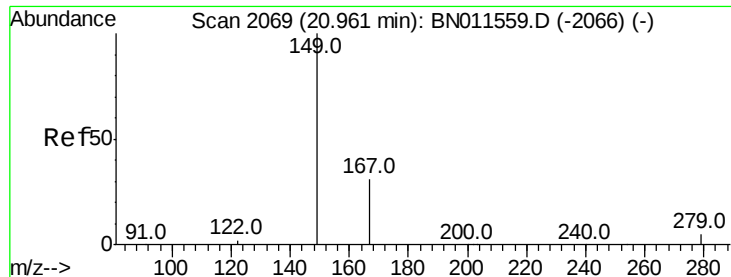


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

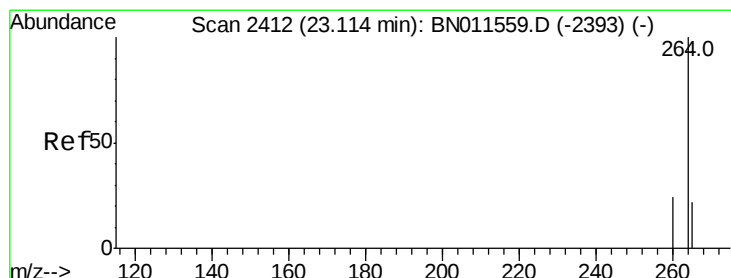
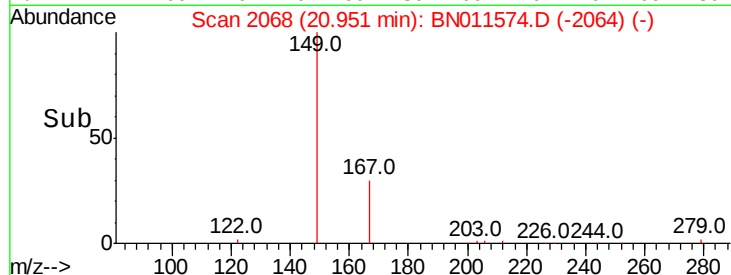
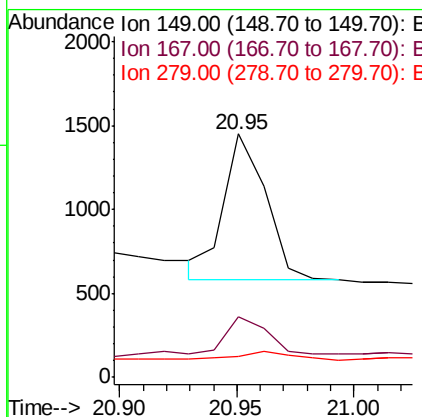
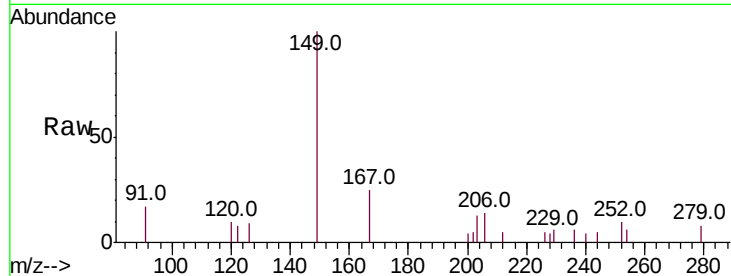




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 20.95 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BN011574.D
 Acq: 22 Aug 2020 06:40

Instrument :
 BNA_N
 ClientSampleId :
 CS-3

Tot Ion:149 Resp: 1091
 Ion Ratio Lower Upper
 149 100
 167 25.0 22.8 34.2
 279 7.0 4.2 6.2#



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BN011574.D
 Acq: 22 Aug 2020 06:40

Tgt Ion:264 Resp: 9620
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.3 30.5
 265 60.9 96.1 144.1#

