

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090920\
 Data File : BN011779.D
 Acq On : 10 Sep 2020 03:36
 Operator : CG/JU
 Sample : L3902-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ171I-20200902

Quant Time: Sep 10 09:29:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 10:54:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1978	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	7540	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	5201	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	11218	0.40	ng	0.00
29) Chrysene-d12	21.30	240	10929	0.40	ng	-0.01
36) Perylene-d12	23.55	264	10743	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	834	0.15	ng	0.00
5) Phenol-d6	6.89	99	578	0.08	ng	0.00
8) Nitrobenzene-d5	8.87	82	2800	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	4842	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	991	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	7457	0.34	ng	0.00
27) Fluoranthene-d10	19.15	212	11952	0.33	ng	0.00
31) Terphenyl-d14	19.75	244	11342	0.42	ng	0.00

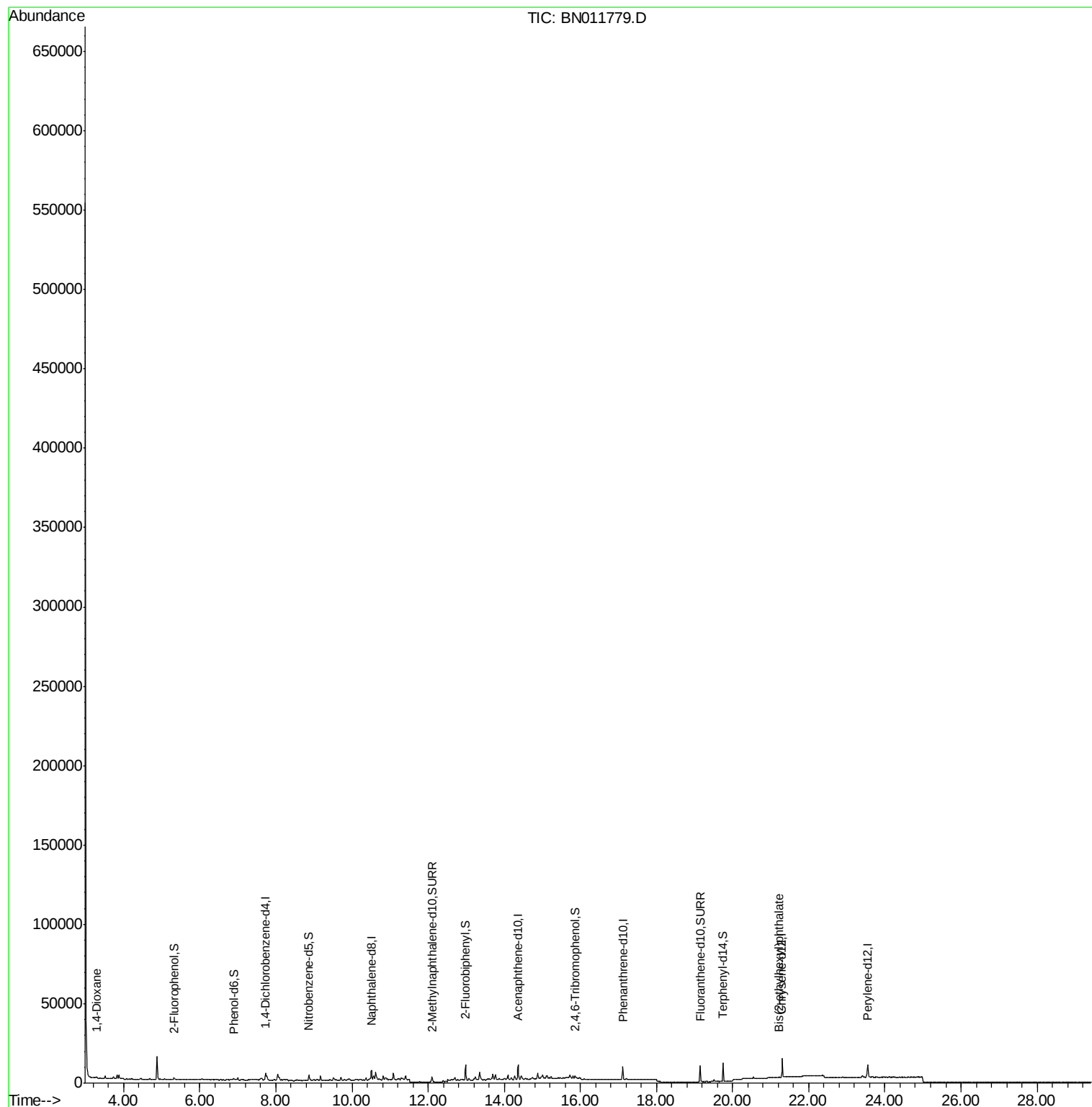
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	587	0.185	ng	# 62
34) Bis(2-ethylhexyl)phthalate	21.23	149	596	0.038	ng	# 87

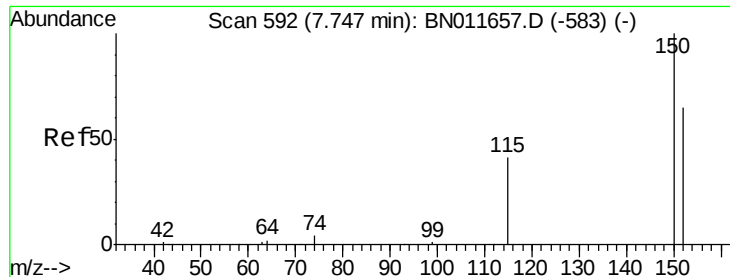
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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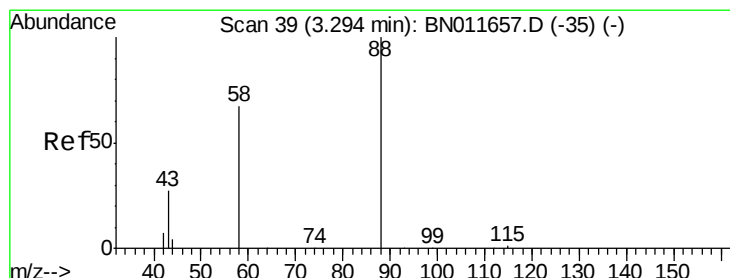
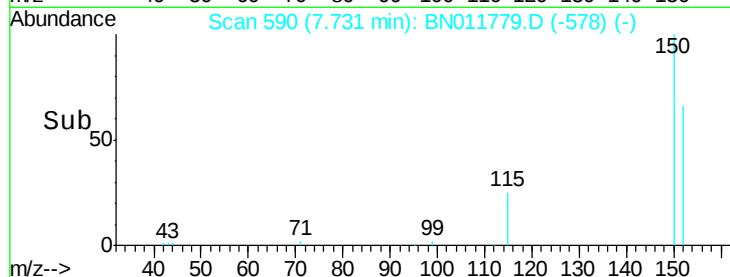
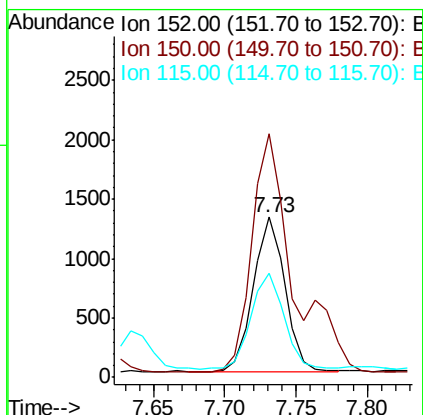
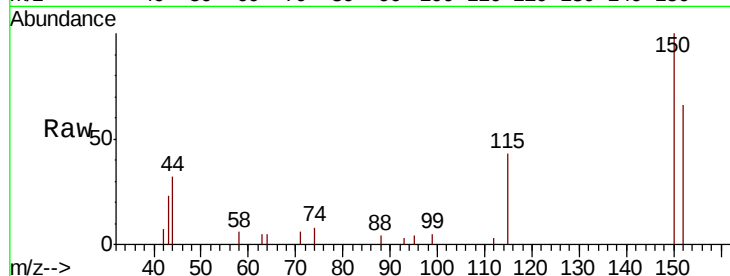


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN011779.D
Acq: 10 Sep 2020 03:36

Instrument :
BNA_N
ClientSampleId :
SA-PZ171I-20200902

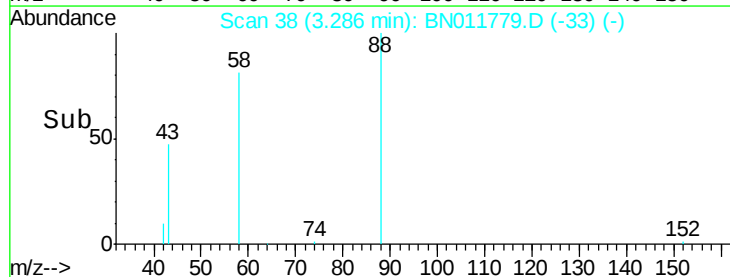
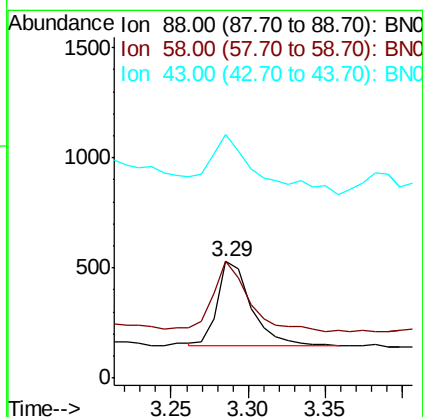
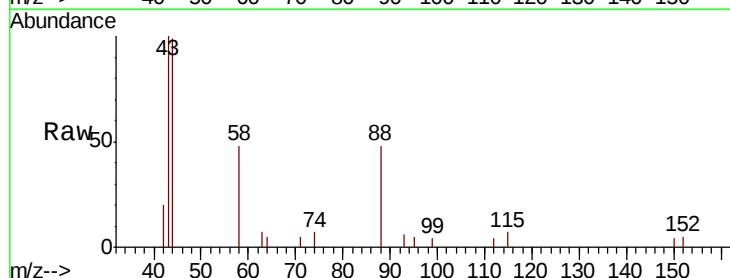
Tot Ion:152 Resp: 1978
Ion Ratio Lower Upper
152 100
150 151.9 121.0 181.6
115 64.9 52.6 78.8

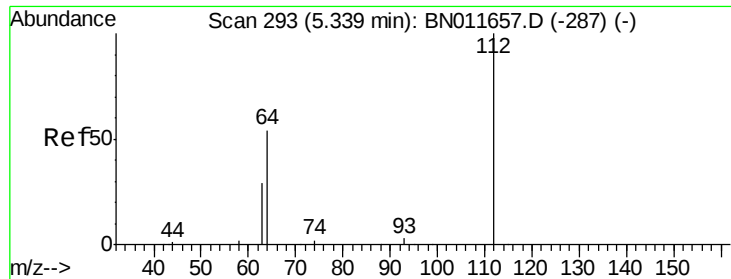


#2

1,4-Dioxane
Concen: 0.185 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.01 min
Lab File: BN011779.D
Acq: 10 Sep 2020 03:36

Tgt Ion: 88 Resp: 587
Ion Ratio Lower Upper
88 100
58 84.0 61.4 92.0
43 95.9 29.8 44.8#





#4

2-Fluorophenol

Concen: 0.149 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

Instrument :

BNA_N

ClientSampleId :

SA-PZ171I-20200902

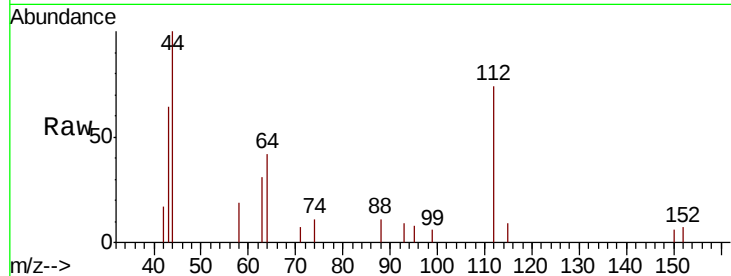
Tot Ion:112 Resp: 834

Ion Ratio Lower Upper

112 100

64 59.8 49.7 74.5

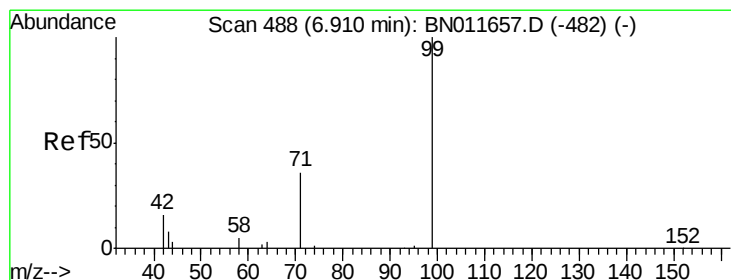
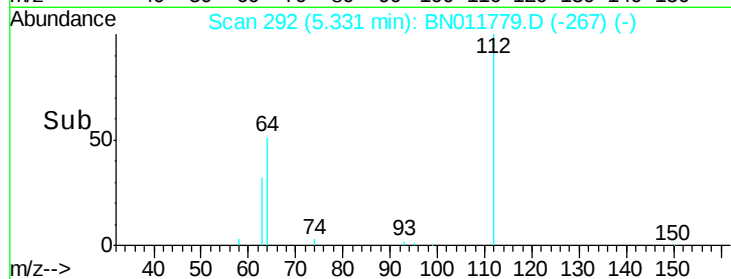
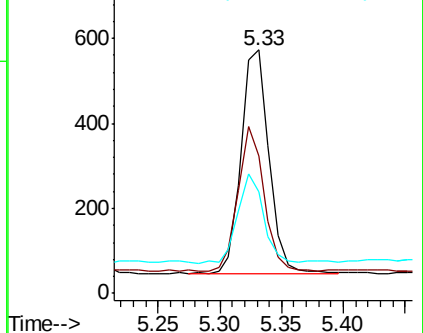
63 37.9 29.4 44.0



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

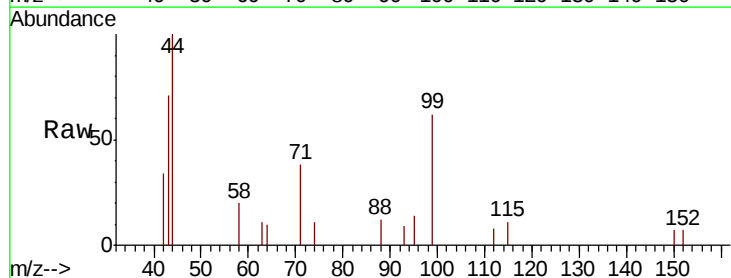
Tgt Ion: 99 Resp: 578

Ion Ratio Lower Upper

99 100

42 47.4 20.2 30.2#

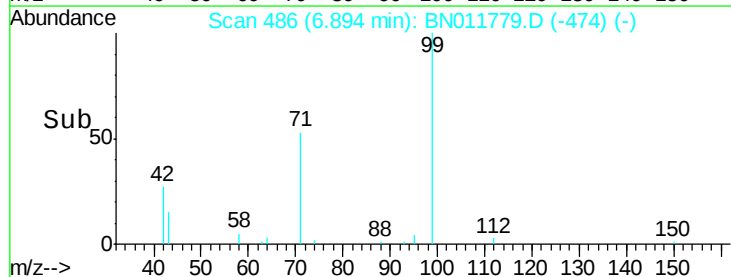
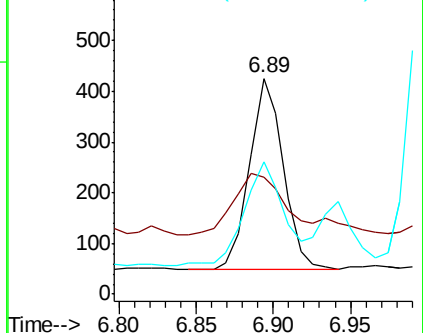
71 63.3 33.3 49.9#

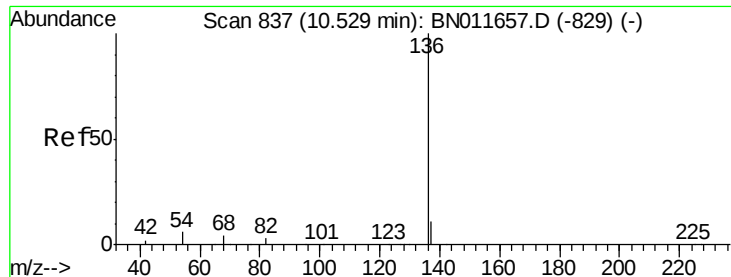


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

Instrument :

BNA_N

ClientSampleId :

SA-PZ171I-20200902

Tot Ion:136 Resp: 7540

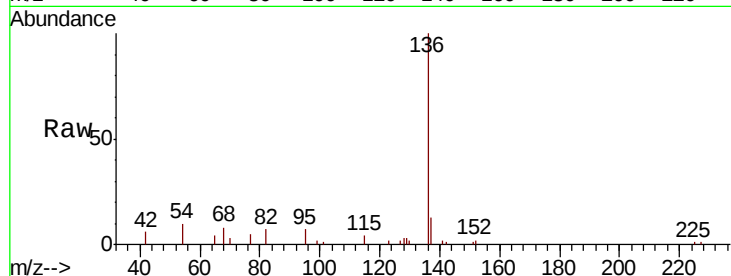
Ion Ratio Lower Upper

136 100

137 12.5 9.3 13.9

54 9.5 5.8 8.8#

68 7.8 4.1 6.1#

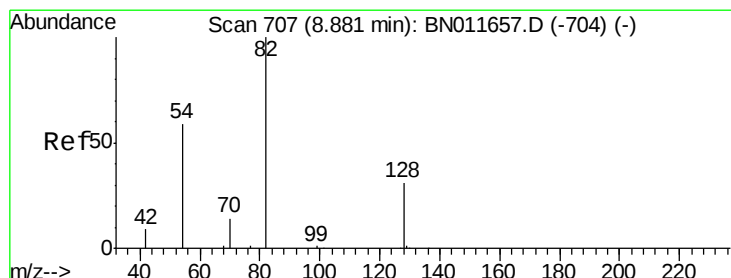
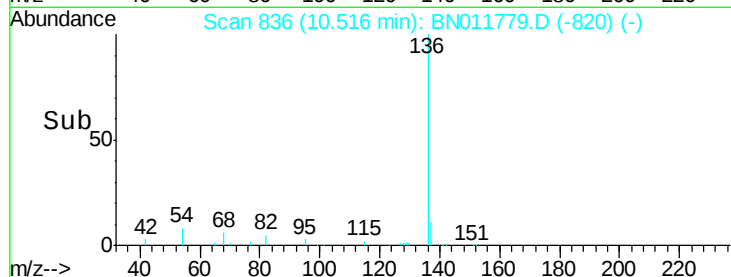
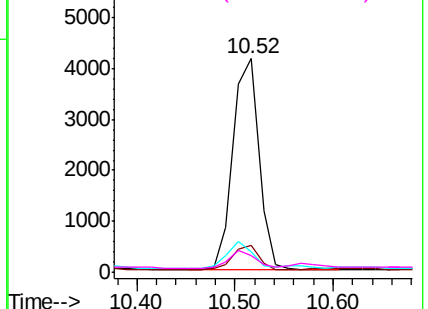


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.384 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

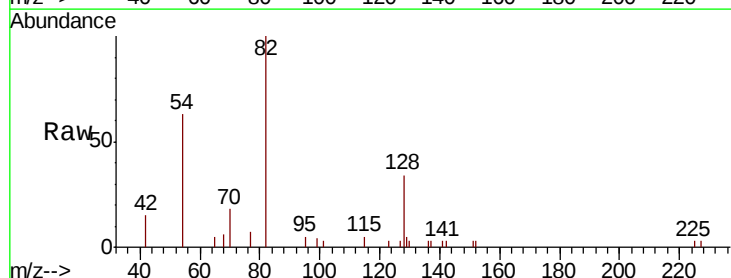
Tgt Ion: 82 Resp: 2800

Ion Ratio Lower Upper

82 100

128 34.5 26.2 39.2

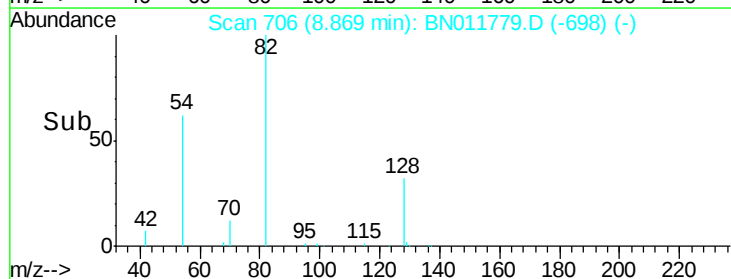
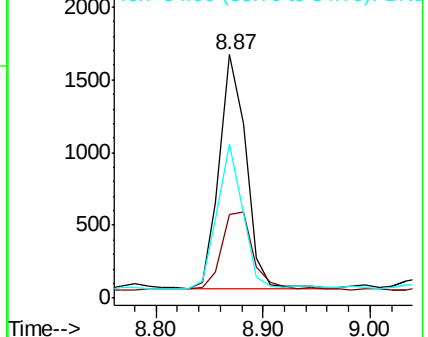
54 63.1 48.2 72.4

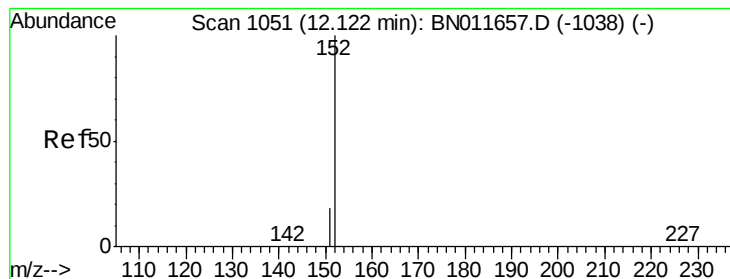


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 12.10 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

Instrument :

BNA_N

ClientSampleId :

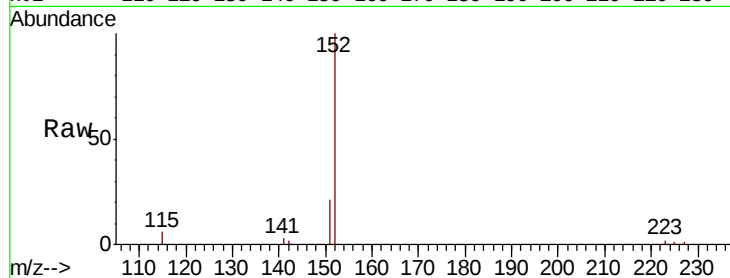
SA-PZ171I-20200902

Tot Ion:152 Resp: 4842

Ion Ratio Lower Upper

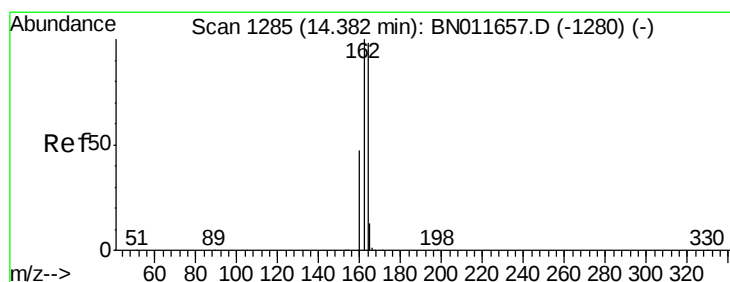
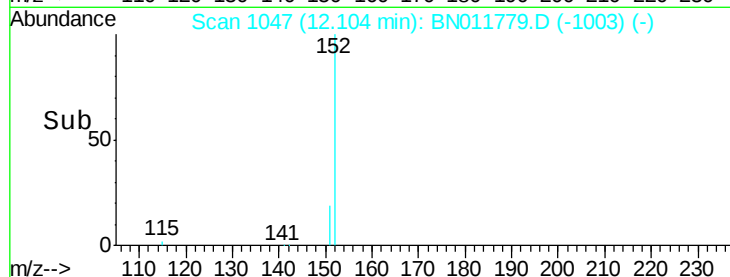
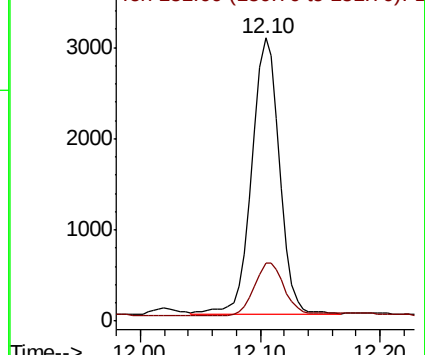
152 100

151 21.4 16.7 25.1



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: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

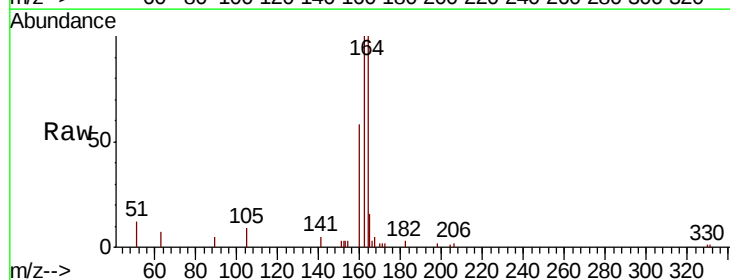
Tgt Ion:164 Resp: 5201

Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

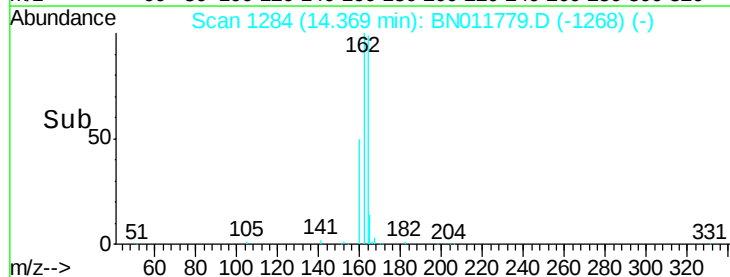
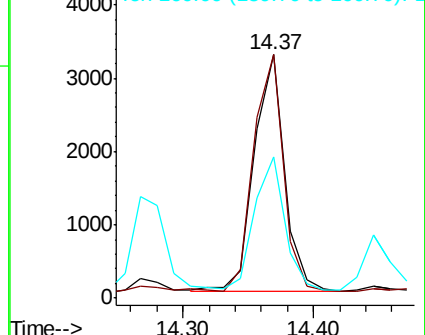
160 58.2 38.5 57.7#

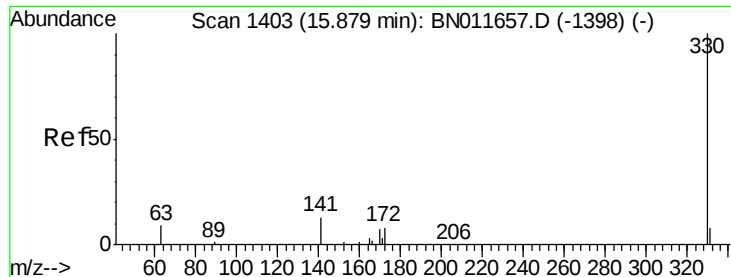


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

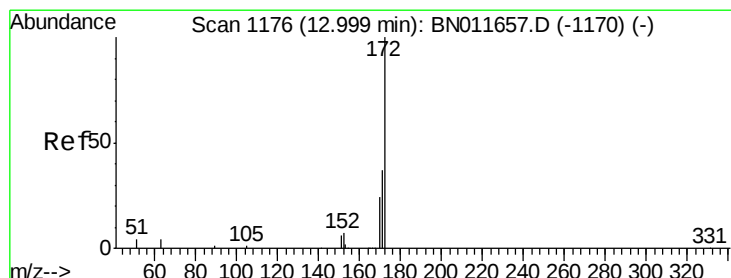
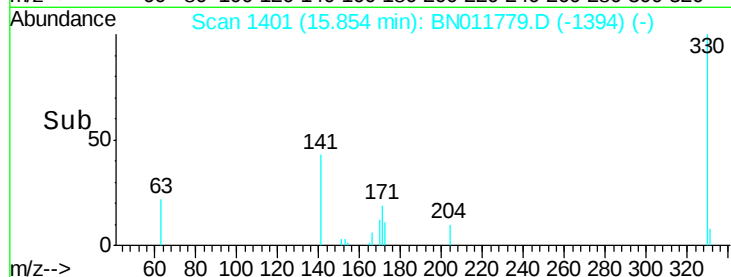
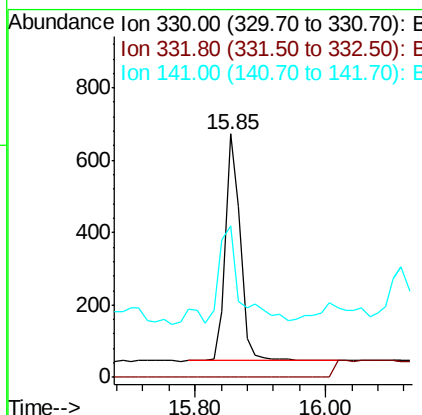
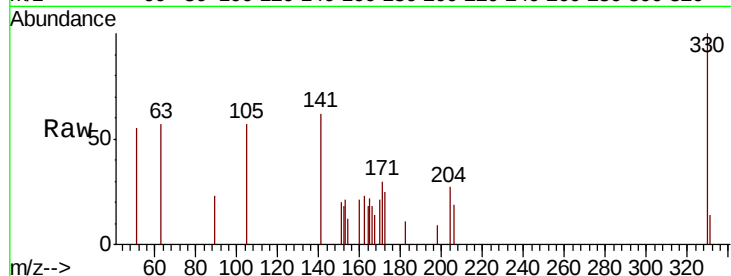




#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.85 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN011779.D
Acq: 10 Sep 2020 03:36

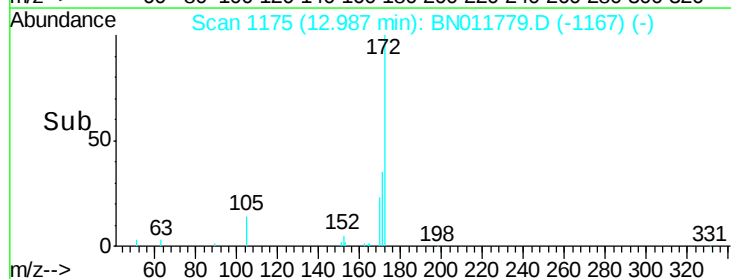
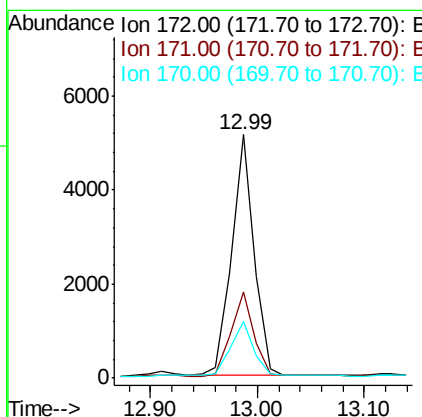
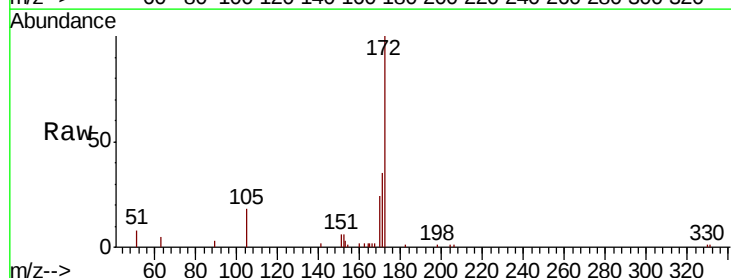
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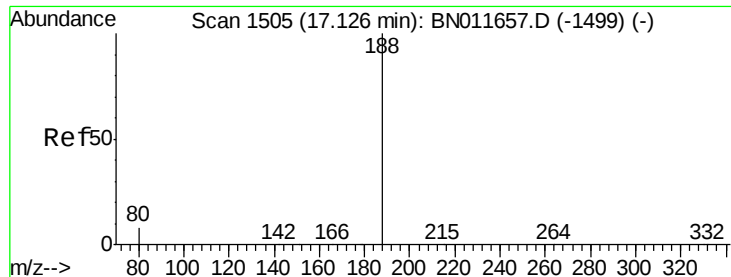
Tot Ion:330 Resp: 991
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 59.3 29.8 44.8#



#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011779.D
Acq: 10 Sep 2020 03:36

Tgt Ion:172 Resp: 7457
Ion Ratio Lower Upper
172 100
171 35.5 30.0 45.0
170 23.5 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

Instrument :

BNA_N

ClientSampleId :

SA-PZ171I-20200902

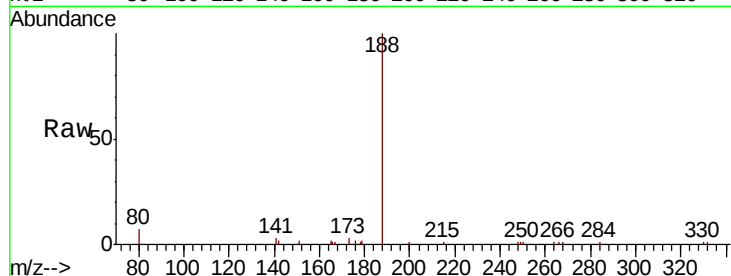
Tot Ion:188 Resp: 11218

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

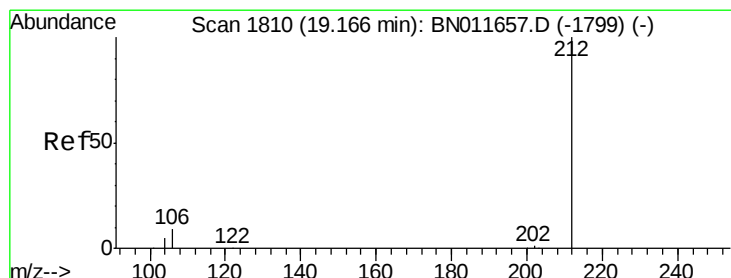
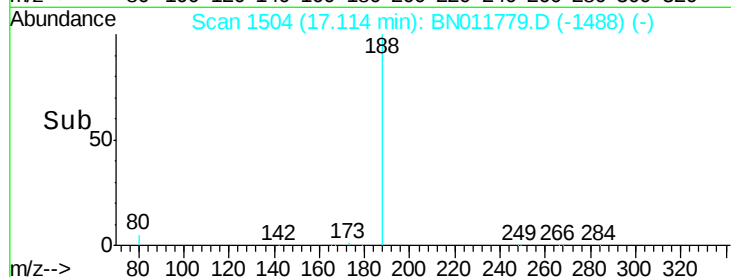
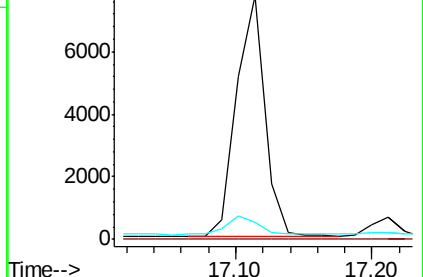
80 7.1 6.6 9.8



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: 0.332 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

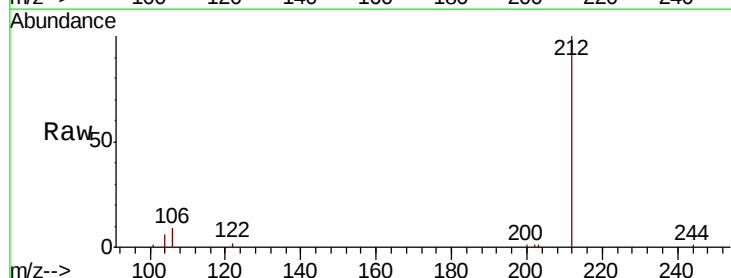
Tgt Ion:212 Resp: 11952

Ion Ratio Lower Upper

212 100

106 9.0 7.6 11.4

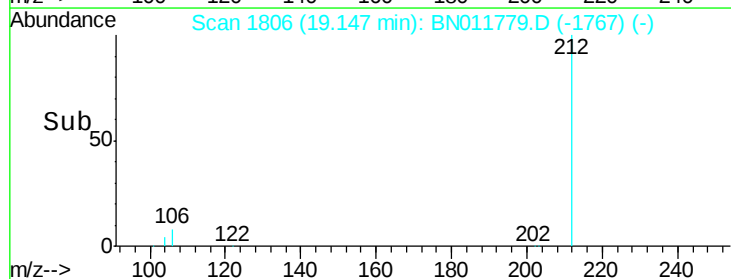
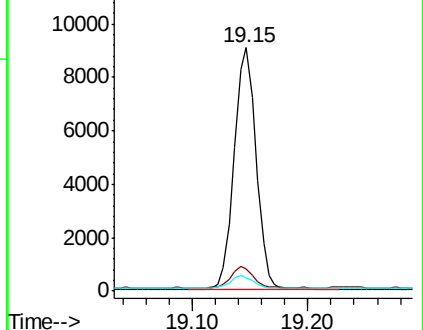
104 5.1 4.6 6.8

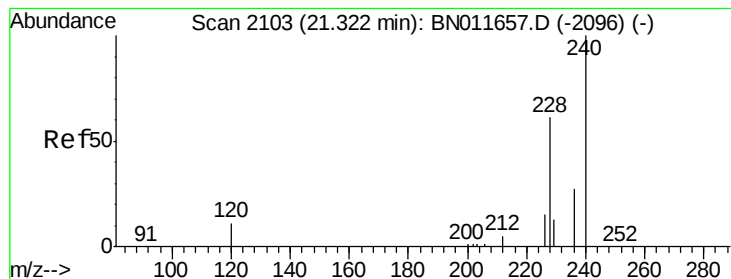


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.30 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BN011779.D

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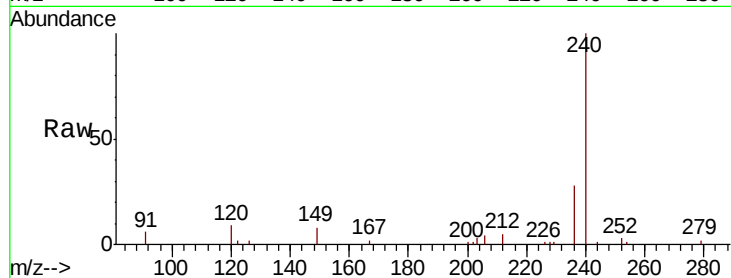
Tot Ion:240 Resp: 10929

Ion Ratio Lower Upper

240 100

120 9.1 9.9 14.9#

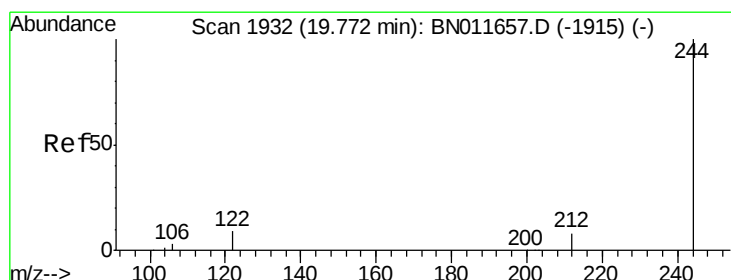
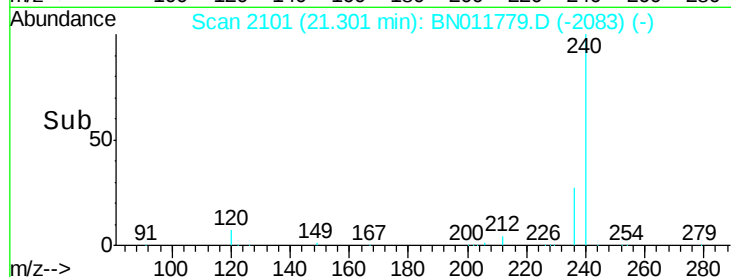
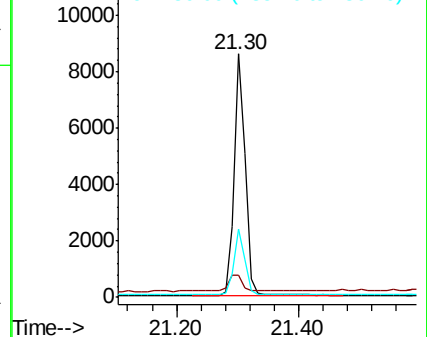
236 27.9 22.2 33.4



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: 0.418 ng

RT: 19.75 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

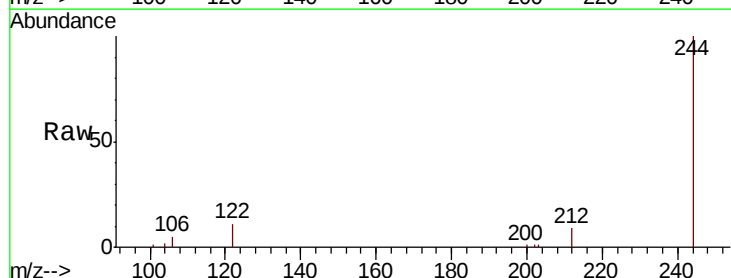
Tgt Ion:244 Resp: 11342

Ion Ratio Lower Upper

244 100

212 9.5 6.5 9.7

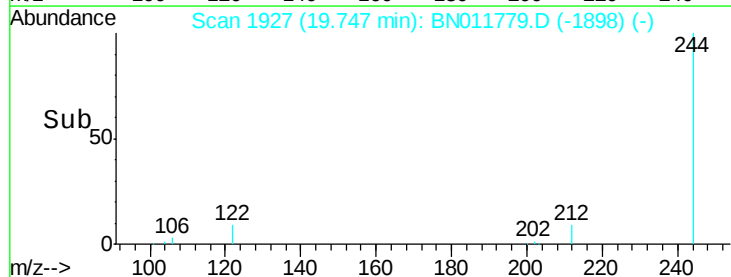
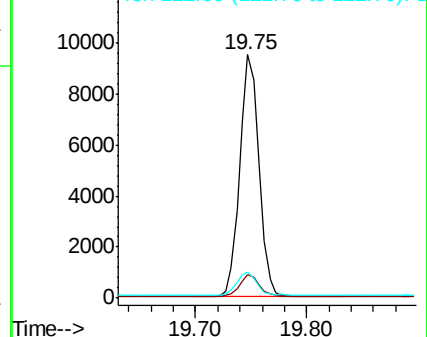
122 10.8 7.4 11.2

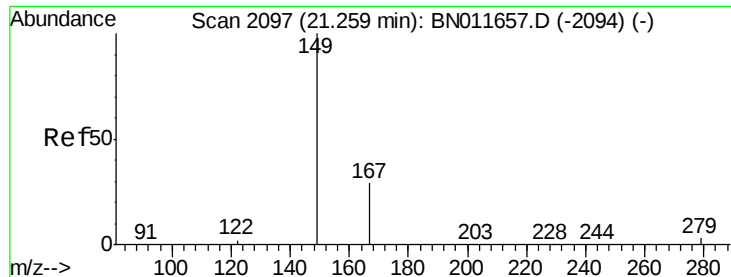


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.038 ng

RT: 21.23 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

Instrument :

BNA_N

ClientSampleId :

SA-PZ171I-20200902

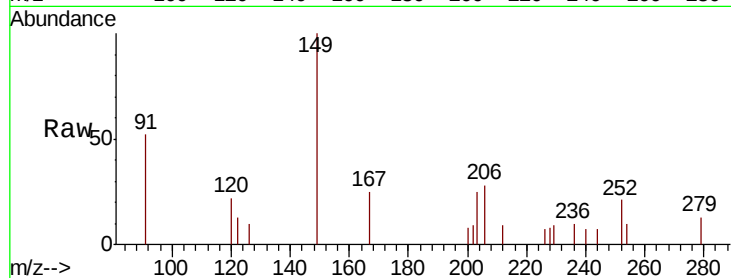
Tot Ion:149 Resp: 596

Ion Ratio Lower Upper

149 100

167 21.1 23.2 34.8#

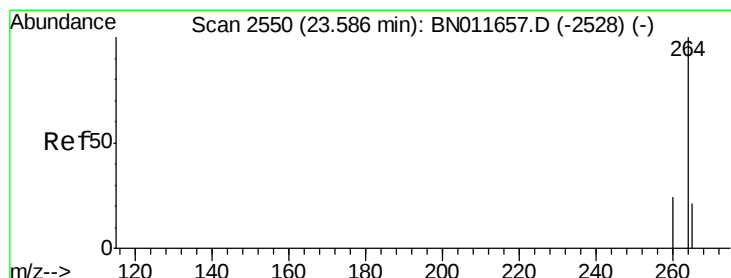
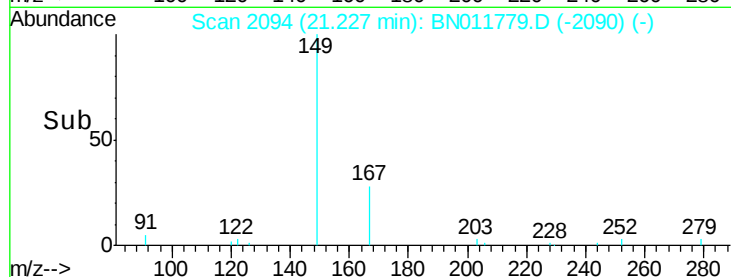
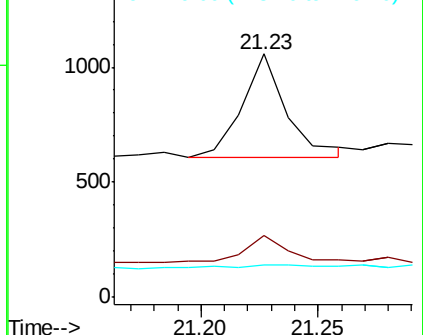
279 4.5 4.0 6.0



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: 23.55 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN011779.D

Acq: 10 Sep 2020 03:36

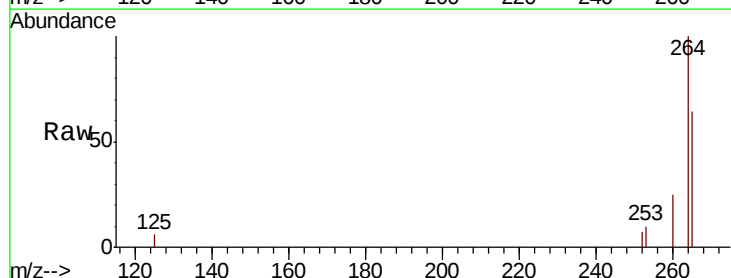
Tgt Ion:264 Resp: 10743

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.6

265 64.0 38.9 58.3#



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

