

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011594.D
 Acq On : 22 Aug 2020 19:21
 Operator : CG/JU
 Sample : L3717-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB179-GW-758-760

Quant Time: Aug 24 02:56:04 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

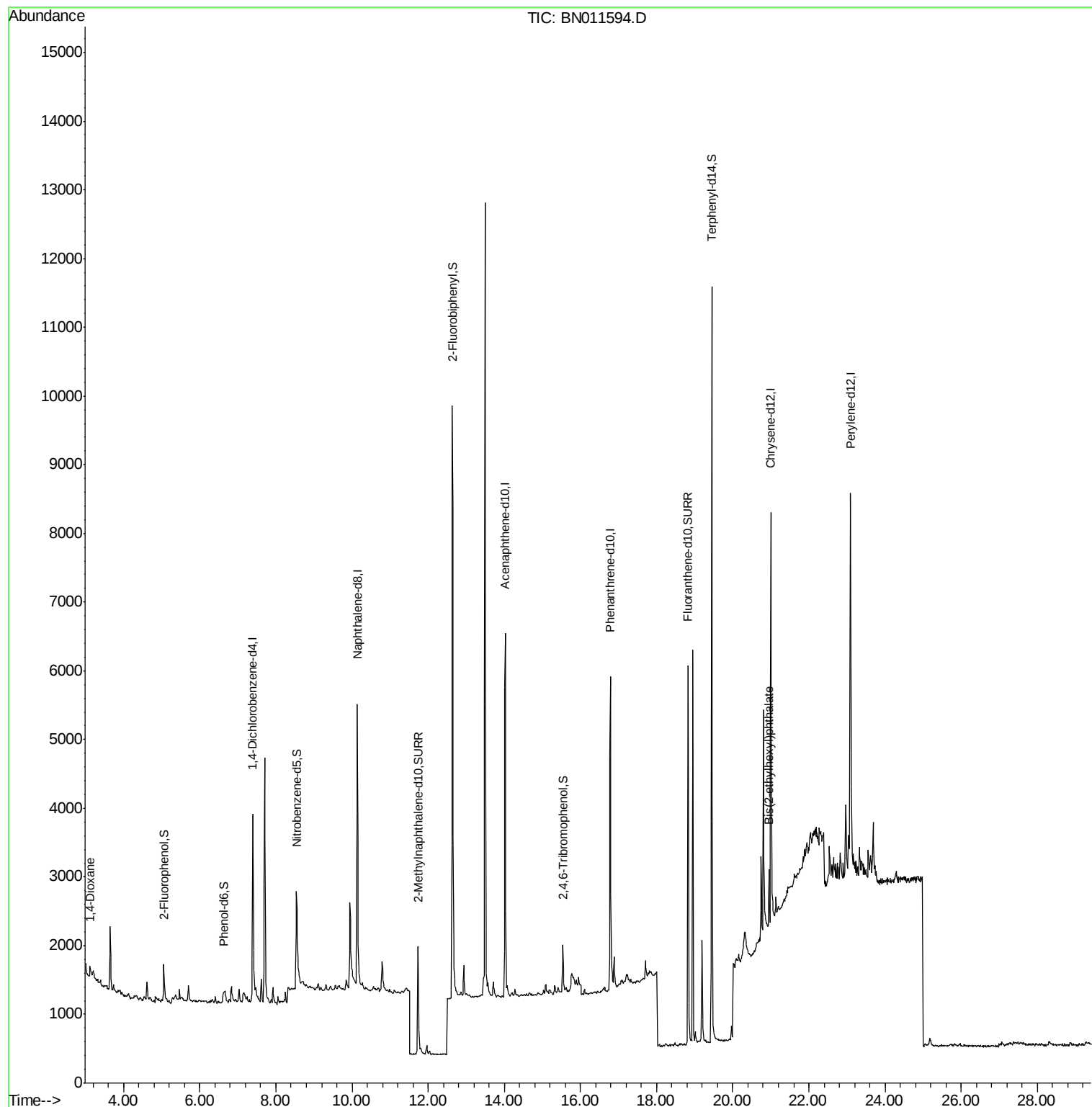
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1810	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6447	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	3468	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	7164	0.40	ng	0.00
29) Chrysene-d12	21.00	240	6191	0.40	ng	-0.01
36) Perylene-d12	23.09	264	6825	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	718	0.19	ng	0.00
5) Phenol-d6	6.63	99	404	0.10	ng	0.00
8) Nitrobenzene-d5	8.54	82	2264	0.53	ng	-0.01
11) 2-Methylnaphthalene-d10	11.73	152	2738	0.24	ng	-0.02
14) 2,4,6-Tribromophenol	15.54	330	662	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	9756	0.68	ng	-0.03
27) Fluoranthene-d10	18.83	212	7422	0.31	ng	0.00
31) Terphenyl-d14	19.45	244	12148	0.75	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.12	88	160	0.065	ng	# 100
34) Bis(2-ethylhexyl)phthalate	20.95	149	707	0.079	ng	# 97

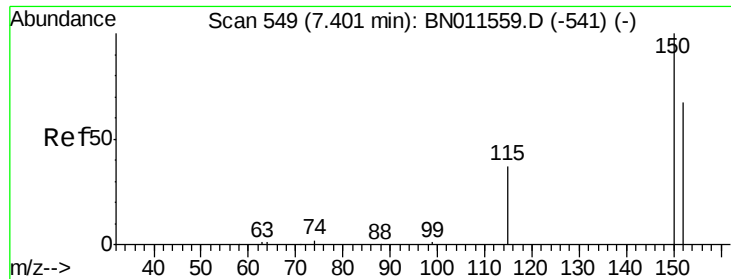
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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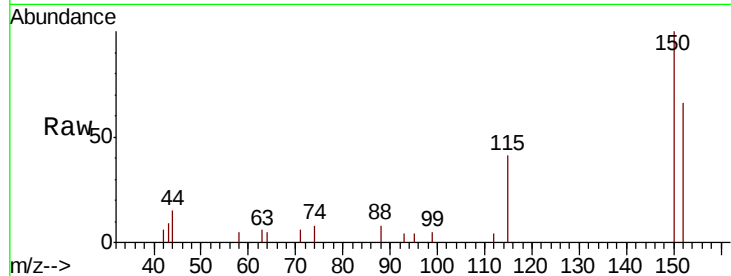


#1

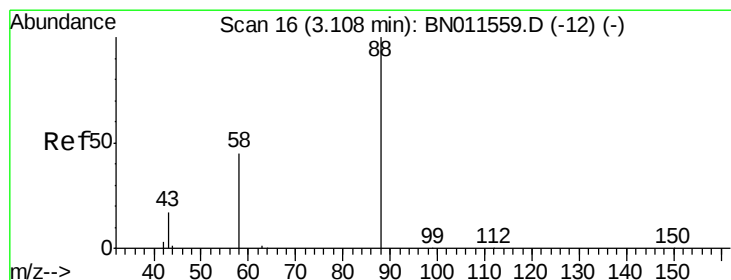
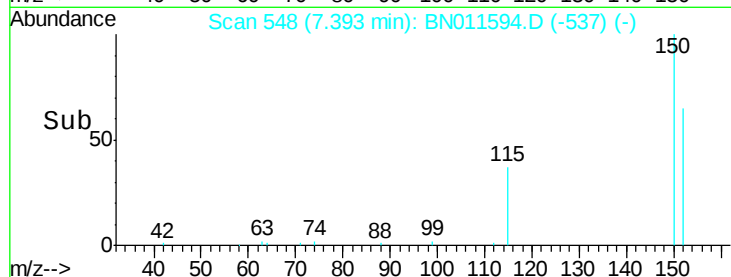
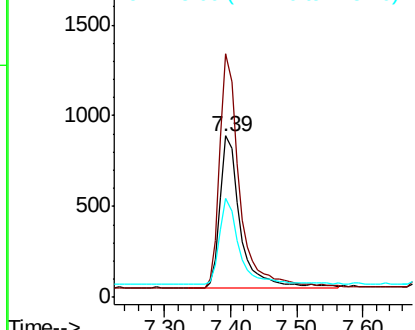
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 548
Delta R.T. -0.01 min
Lab File: BN011594.D
Acq: 22 Aug 2020 19:21

Instrument :
BNA_N
ClientSampleId :
BP-VPB179-GW-758-760

Tot Ion:152 Resp: 1810
Ion Ratio Lower Upper
152 100
150 151.0 117.1 175.7
115 61.7 48.7 73.1



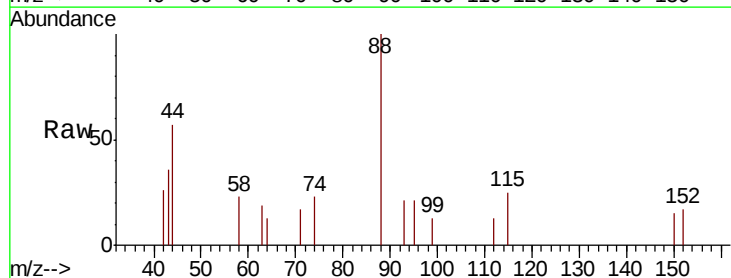
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



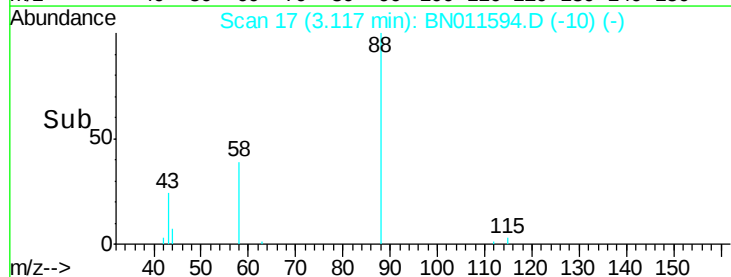
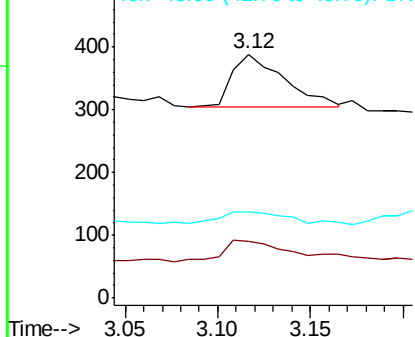
#2

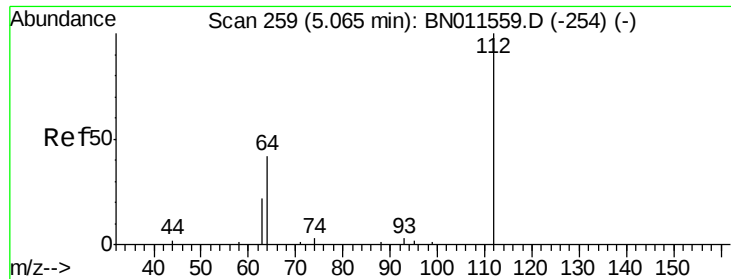
1,4-Dioxane
Concen: 0.065 ng
RT: 3.12 min Scan# 17
Delta R.T. 0.01 min
Lab File: BN011594.D
Acq: 22 Aug 2020 19:21

Tgt Ion: 88 Resp: 160
Ion Ratio Lower Upper
88 100
58 59.4 0.0 0.0#
43 35.0 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.186 ng

RT: 5.06 min Scan# 258

Delta R.T. -0.01 min

Lab File: BN011594.D

Acq: 22 Aug 2020 19:21

Instrument :

BNA_N

ClientSampleId :

BP-VPB179-GW-758-760

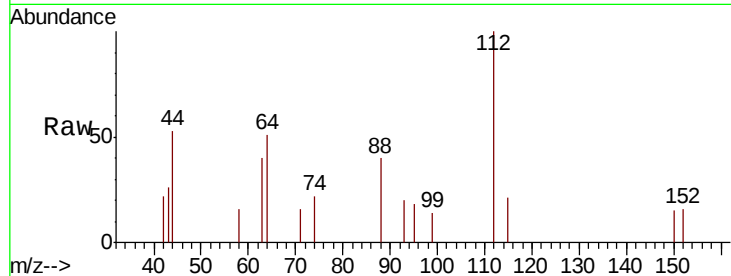
Tot Ion: 112 Resp: 718

Ion Ratio Lower Upper

112 100

64 39.6 33.9 50.9

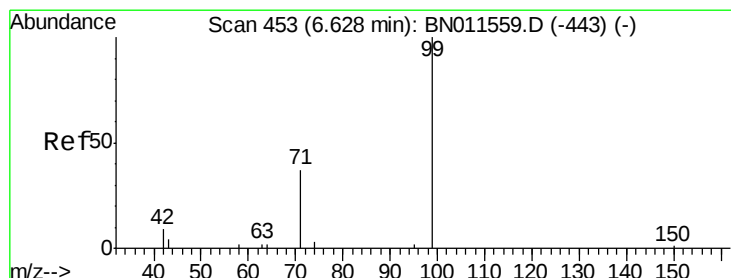
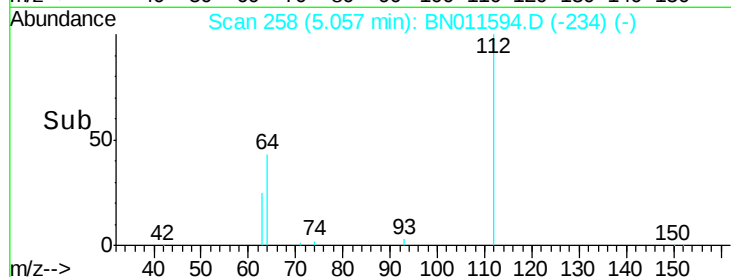
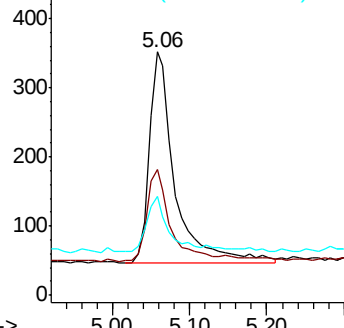
63 23.0 17.7 26.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.104 ng

RT: 6.63 min Scan# 453

Delta R.T. 0.00 min

Lab File: BN011594.D

Acq: 22 Aug 2020 19:21

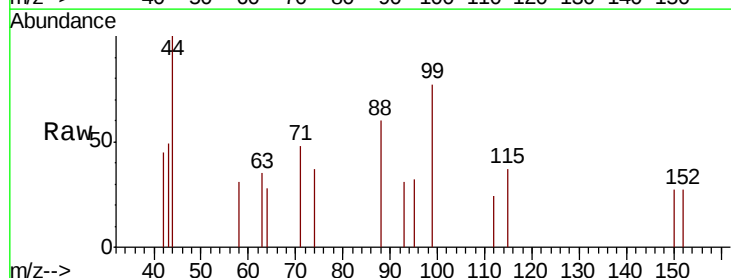
Tgt Ion: 99 Resp: 404

Ion Ratio Lower Upper

99 100

42 21.0 9.0 13.4#

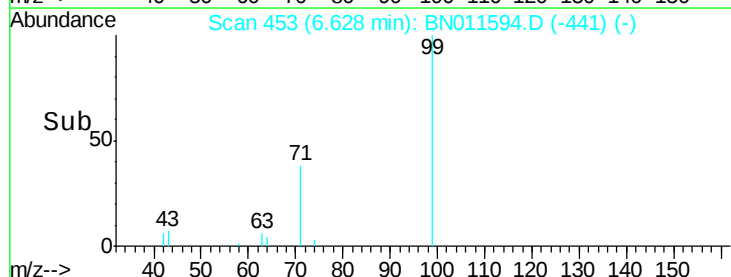
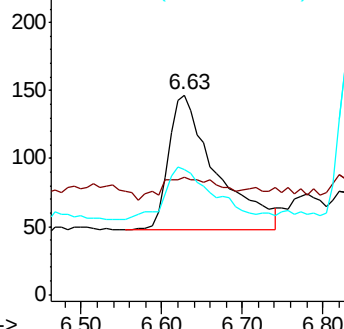
71 39.9 30.4 45.6

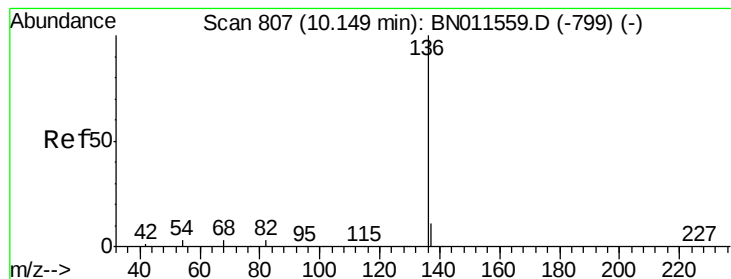


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011594.D

Acq: 22 Aug 2020 19:21

Instrument :

BNA_N

ClientSampleId :

BP-VPB179-GW-758-760

Tot Ion:136 Resp: 6447

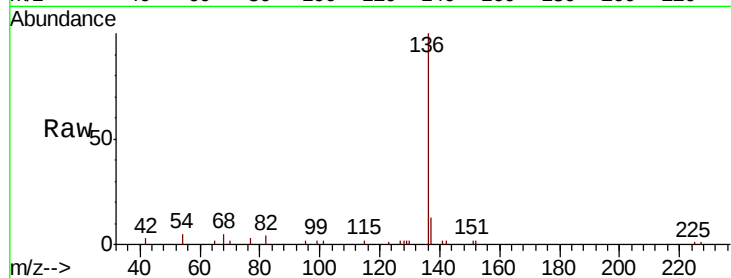
Ion Ratio Lower Upper

136 100

137 12.6 11.0 16.4

54 4.6 4.3 6.5

68 5.3 4.9 7.3

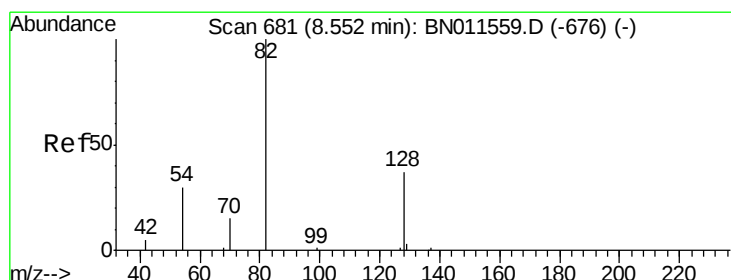
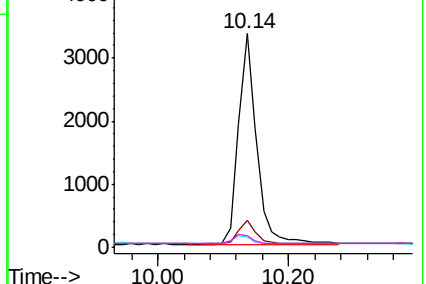
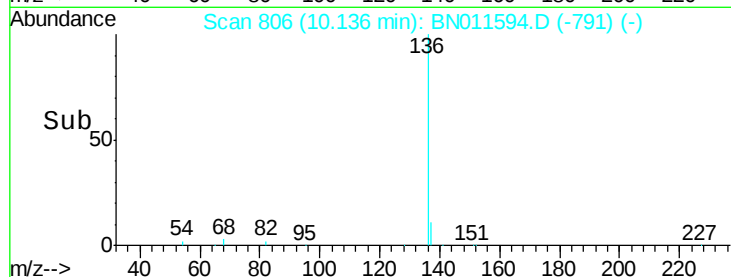


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.534 ng

RT: 8.54 min Scan# 680

Delta R.T. -0.01 min

Lab File: BN011594.D

Acq: 22 Aug 2020 19:21

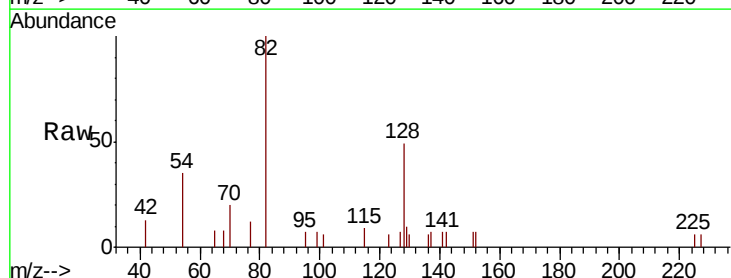
Tgt Ion: 82 Resp: 2264

Ion Ratio Lower Upper

82 100

128 49.2 41.7 62.5

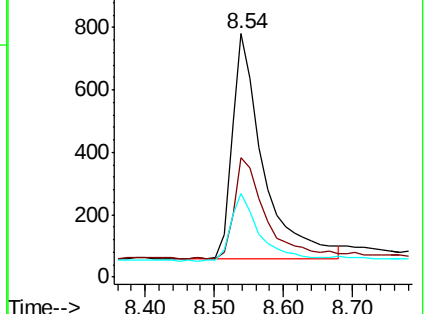
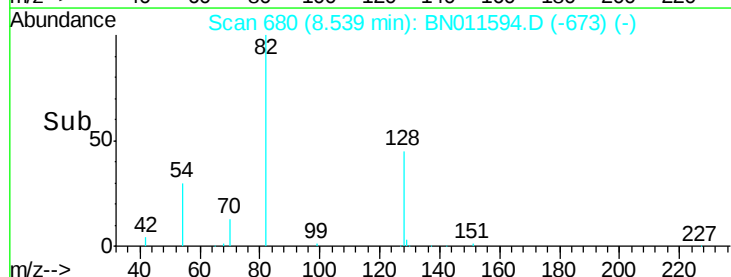
54 34.6 34.4 51.6

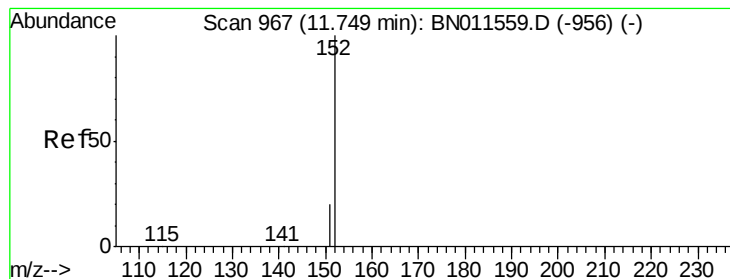


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

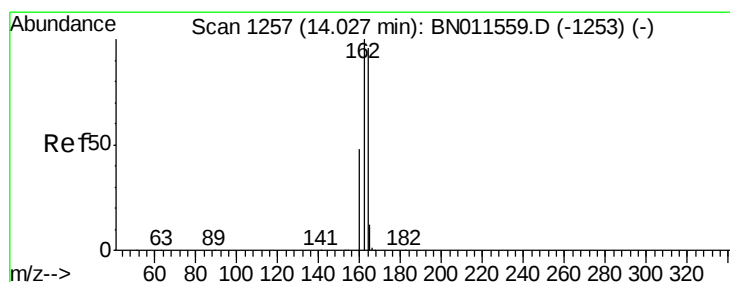
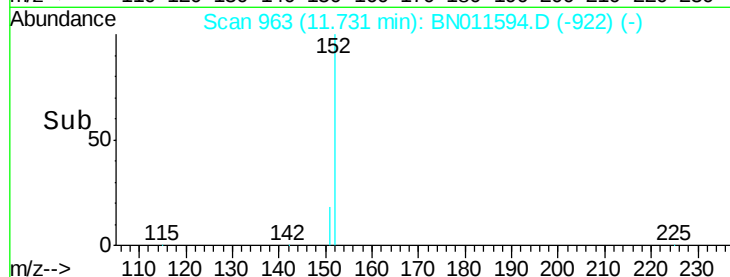
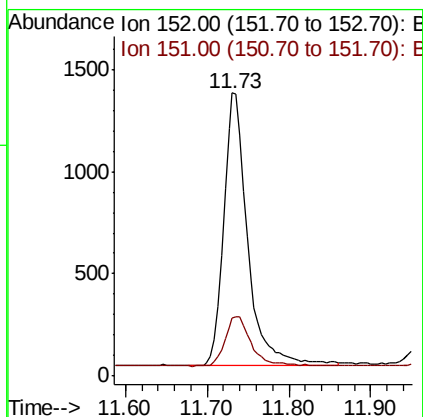
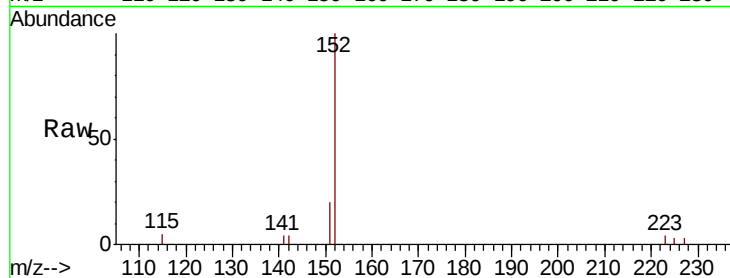




#11
 2-Methylnaphthalene-d10
 Concen: 0.238 ng
 RT: 11.73 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: BN011594.D
 Acq: 22 Aug 2020 19:21

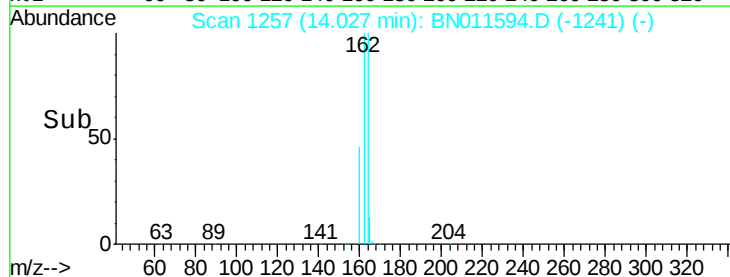
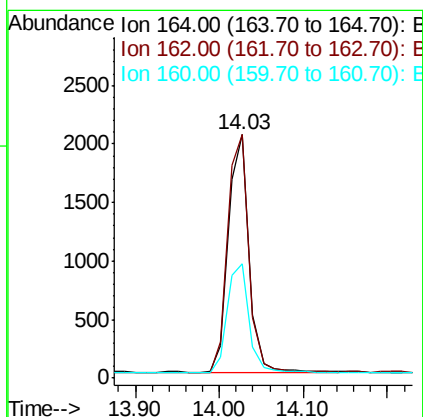
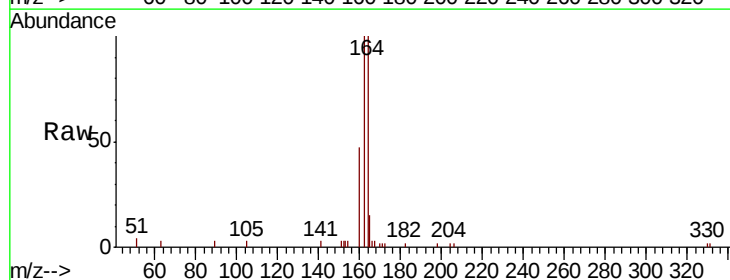
Instrument :
 BNA_N
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 BP-VPB179-GW-758-760

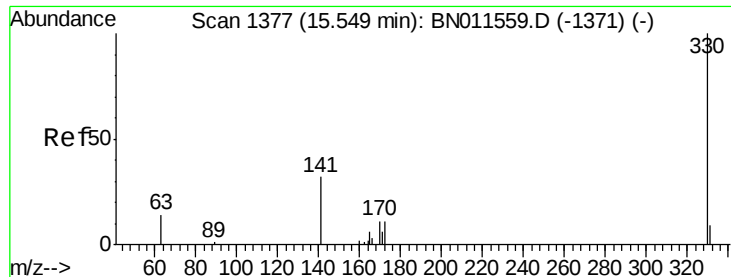
Tot Ion:152 Resp: 2738
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.6 24.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BN011594.D
 Acq: 22 Aug 2020 19:21

Tgt Ion:164 Resp: 3468
 Ion Ratio Lower Upper
 164 100
 162 100.0 83.7 125.5
 160 47.0 41.1 61.7





#14

2,4,6-Tribromophenol

Concen: 0.383 ng

RT: 15.54 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BN011594.D

Acq: 22 Aug 2020 19:21

Instrument :

BNA_N

ClientSampleId :

BP-VPB179-GW-758-760

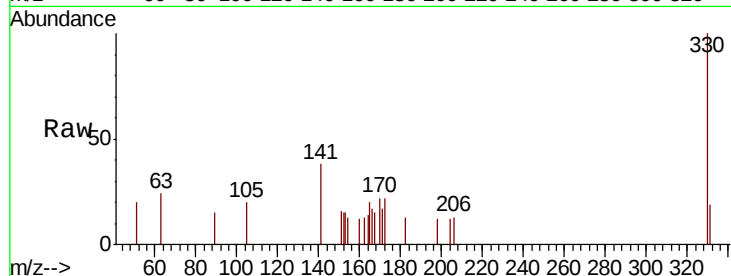
Tot Ion:330 Resp: 662

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

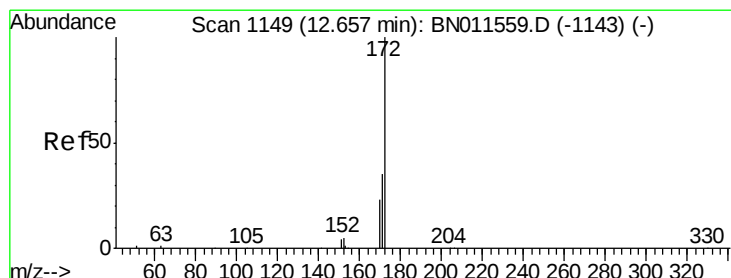
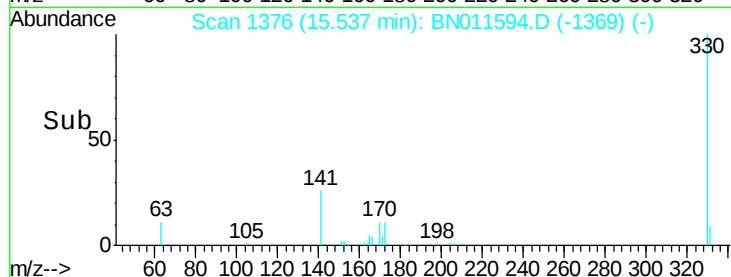
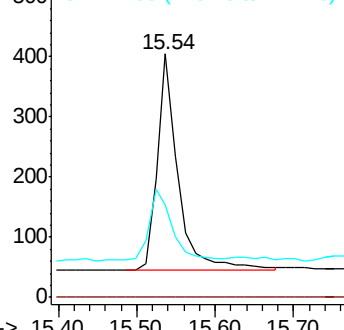
141 35.3 34.6 52.0



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: 0.684 ng

RT: 12.63 min Scan# 1147

Delta R.T. -0.03 min

Lab File: BN011594.D

Acq: 22 Aug 2020 19:21

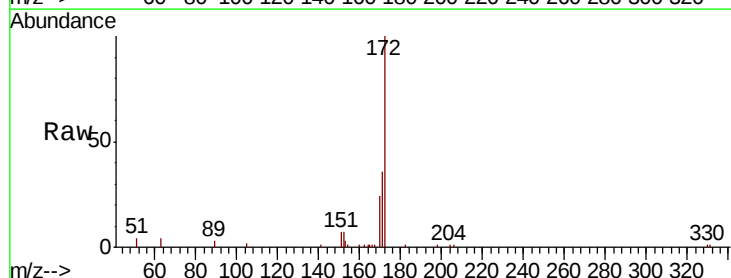
Tgt Ion:172 Resp: 9756

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

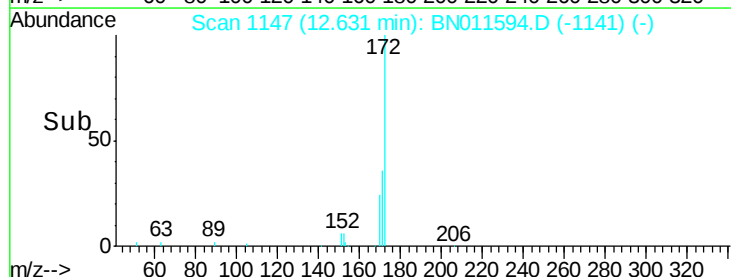
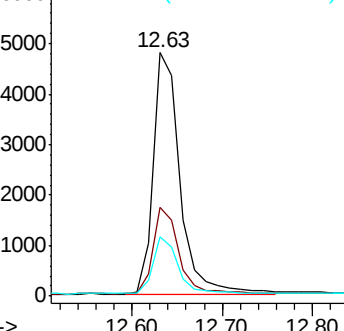
170 24.4 20.1 30.1

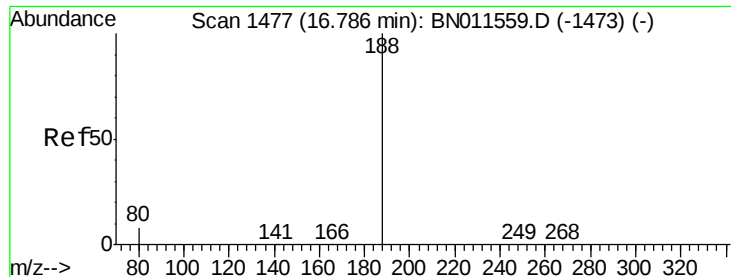


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BN011594.D

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BP-VPB179-GW-758-760

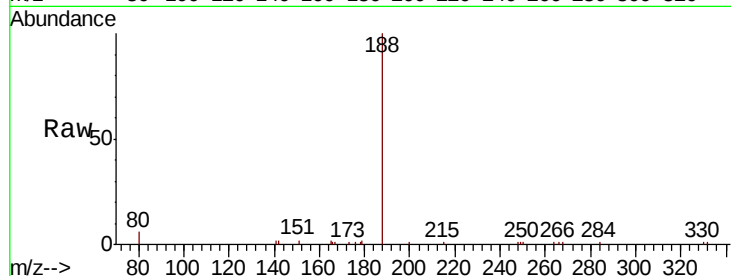
Tot Ion:188 Resp: 7164

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

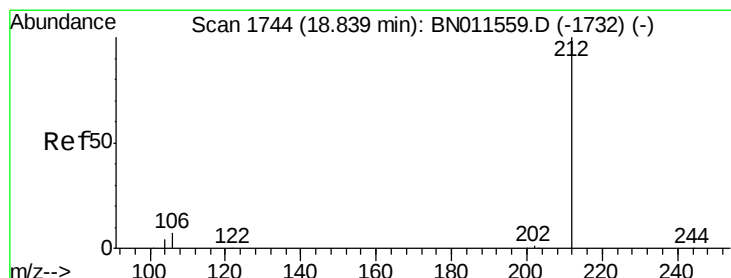
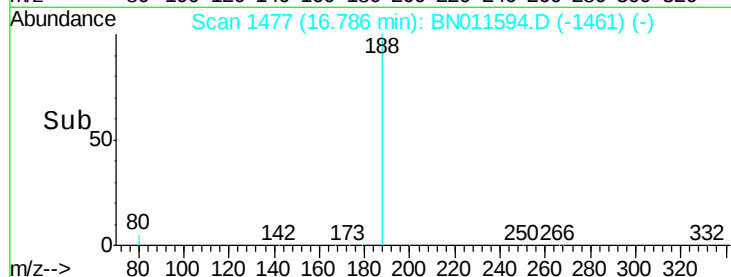
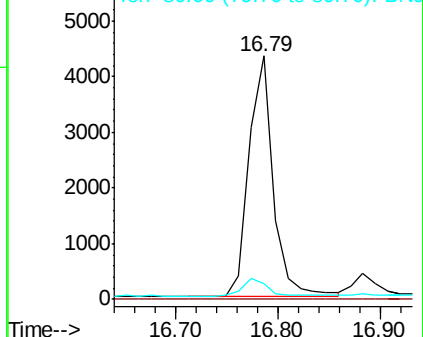
80 6.4 7.6 11.4#



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: 0.307 ng

RT: 18.83 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BN011594.D

Acq: 22 Aug 2020 19:21

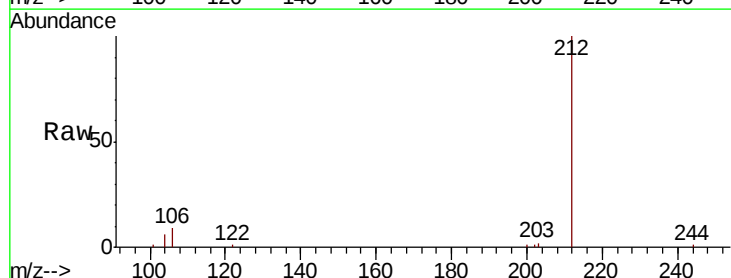
Tgt Ion:212 Resp: 7422

Ion Ratio Lower Upper

212 100

106 8.9 6.2 9.2

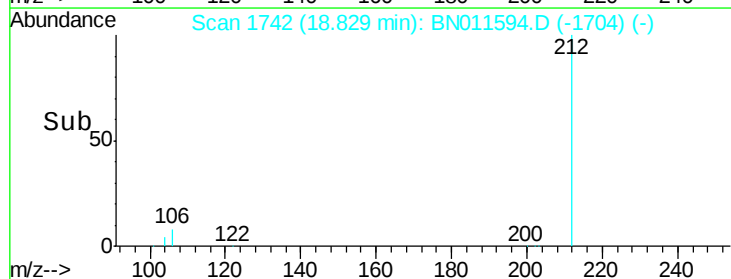
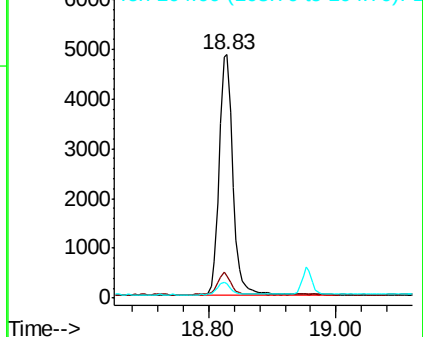
104 5.0 3.8 5.6

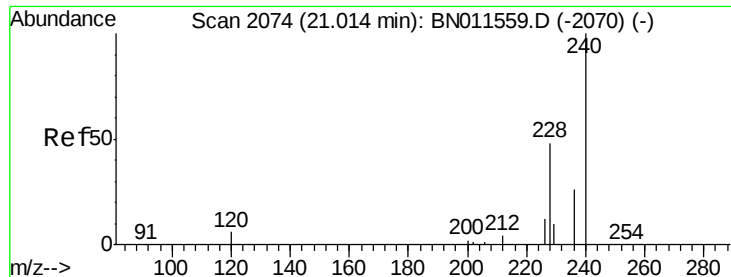


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

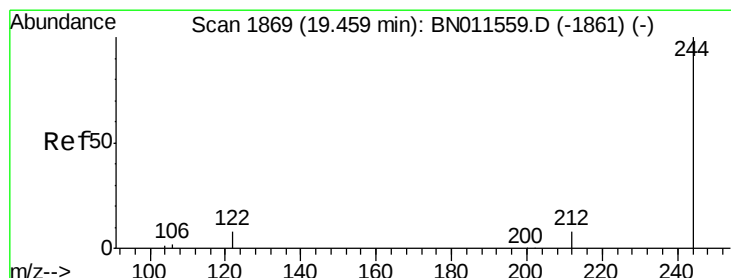
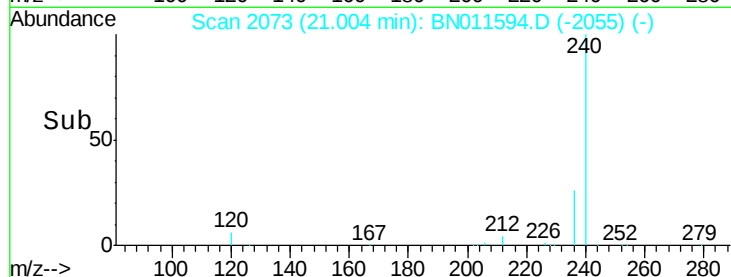
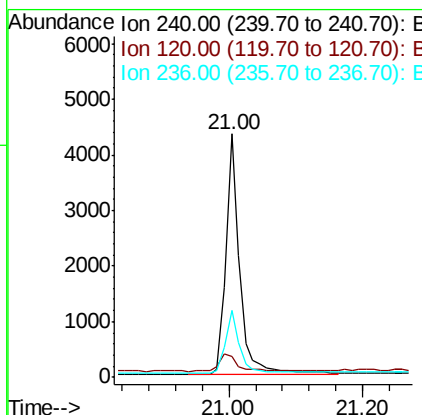
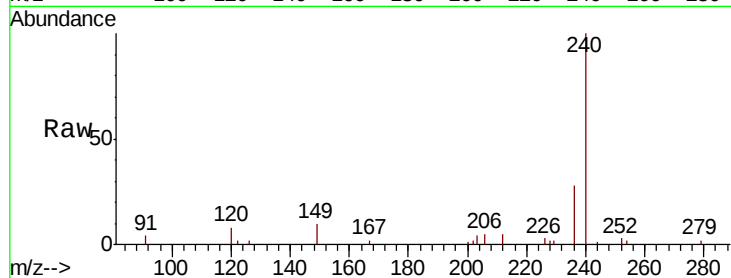




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BN011594.D
Acq: 22 Aug 2020 19:21

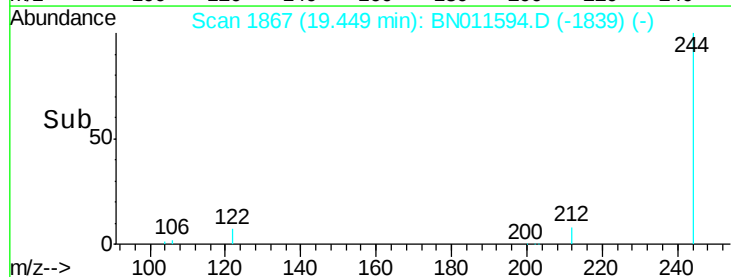
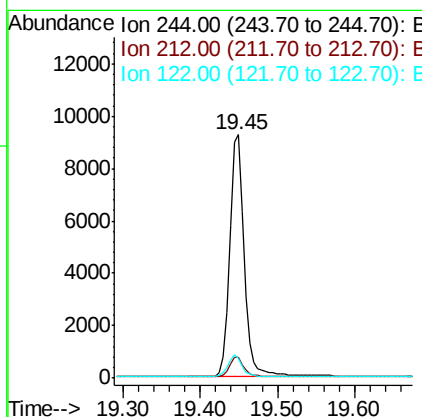
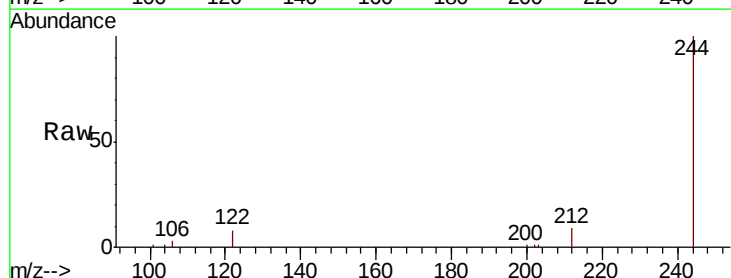
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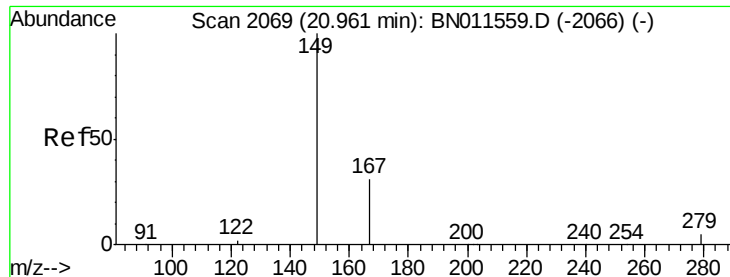
Tot Ion:240 Resp: 6191
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 27.5 22.3 33.5



#31
Terphenyl-d14
Concen: 0.752 ng
RT: 19.45 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BN011594.D
Acq: 22 Aug 2020 19:21

Tgt Ion:244 Resp: 12148
Ion Ratio Lower Upper
244 100
212 8.6 8.2 12.4
122 8.0 8.0 12.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.079 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011594.D

Acq: 22 Aug 2020 19:21

Instrument :

BNA_N

ClientSampleId :

BP-VPB179-GW-758-760

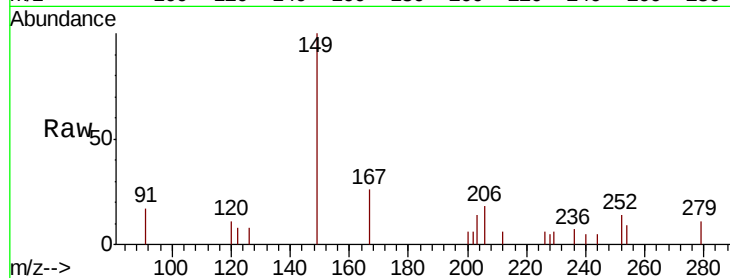
Tot Ion:149 Resp: 707

Ion Ratio Lower Upper

149 100

167 27.0 22.8 34.2

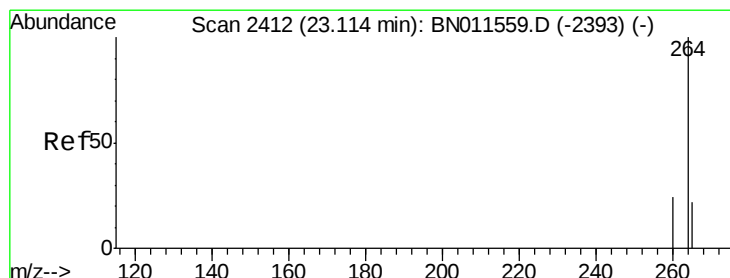
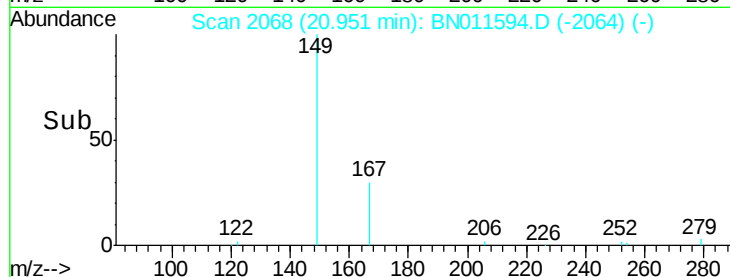
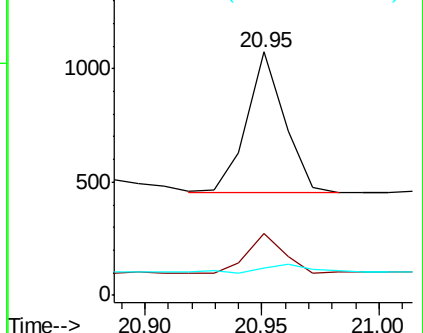
279 6.5 4.2 6.2#



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: 23.09 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BN011594.D

Acq: 22 Aug 2020 19:21

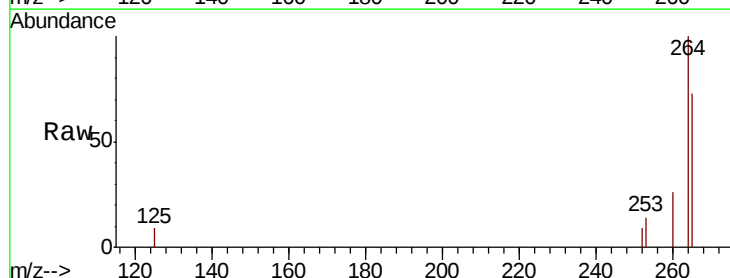
Tgt Ion:264 Resp: 6825

Ion Ratio Lower Upper

264 100

260 25.6 20.3 30.5

265 72.5 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

