

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
 Data File : BN011771.D
 Acq On : 09 Sep 2020 17:09
 Operator : CG/JU
 Sample : L3923-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-878-880

Quant Time: Sep 09 17:52:49 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	2357	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	9123	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	5496	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	11890	0.40	ng	0.00
29) Chrysene-d12	21.31	240	12126	0.40	ng	0.00
36) Perylene-d12	23.56	264	12940	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	741	0.11	ng	0.00
5) Phenol-d6	6.89	99	716	0.08	ng	0.00
8) Nitrobenzene-d5	8.87	82	945	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	2758	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	415	0.16	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	4115	0.18	ng	0.00
27) Fluoranthene-d10	19.15	212	5076	0.13	ng	0.00
31) Terphenyl-d14	19.75	244	4899	0.16	ng	0.00

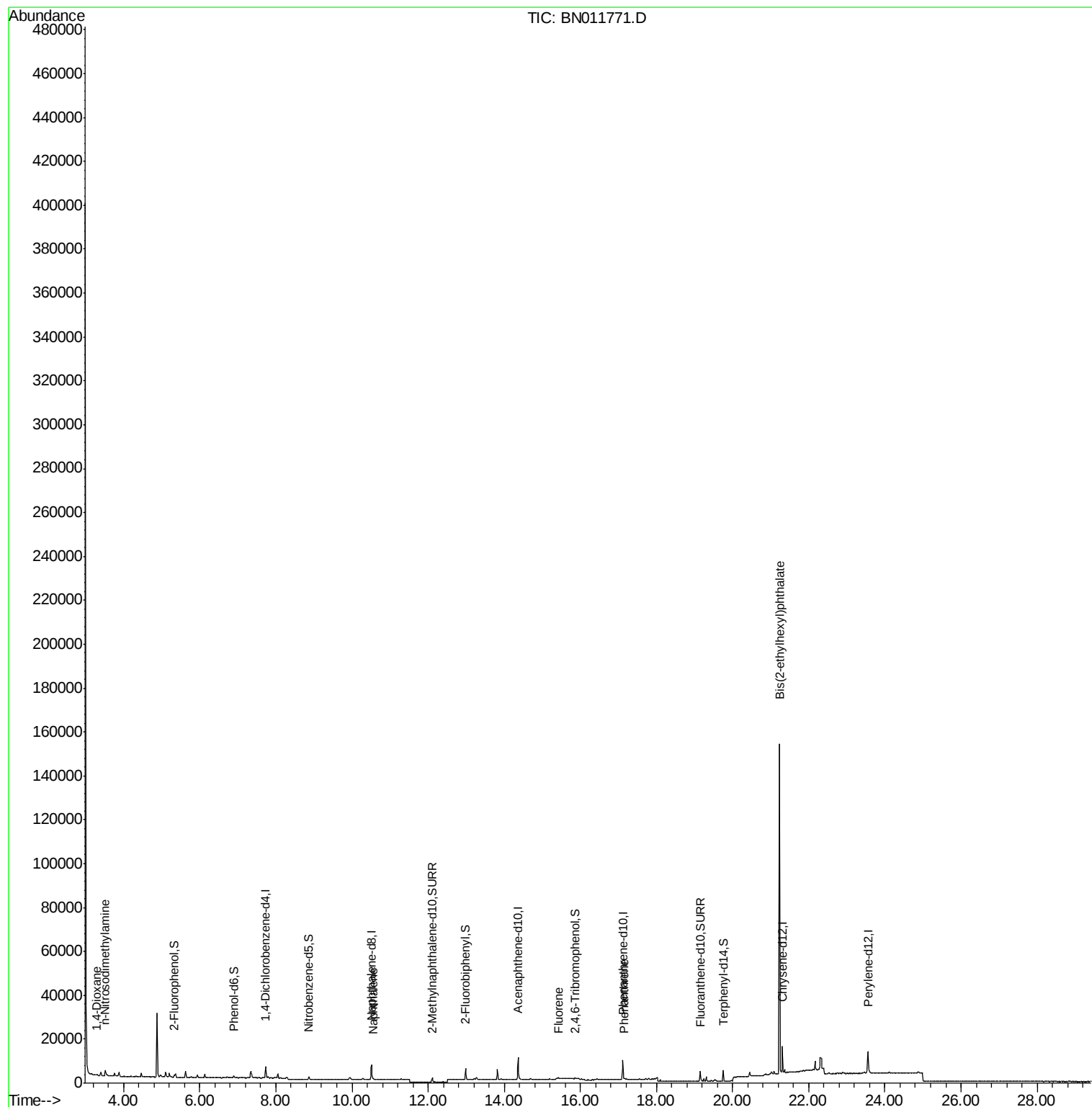
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	191	0.050	ng	# 46
3) n-Nitrosodimethylamine	3.52	42	628	0.143	ng	# 1
9) Naphthalene	10.57	128	536	0.021	ng	# 54
18) Fluorene	15.42	166	2652	0.112	ng	# 18
25) Phenanthrene	17.15	178	1545	0.040	ng	96
34) Bis(2-ethylhexyl)phthalate	21.24	149	148978	8.459	ng	99

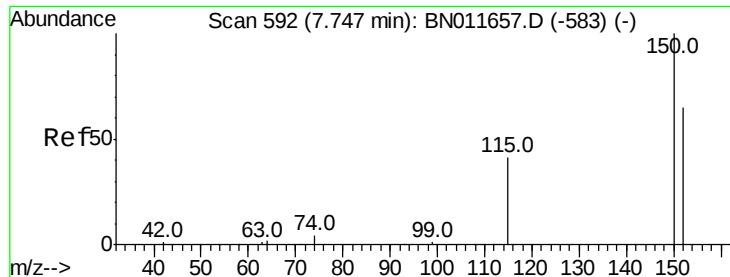
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011771.D

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Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-878-880

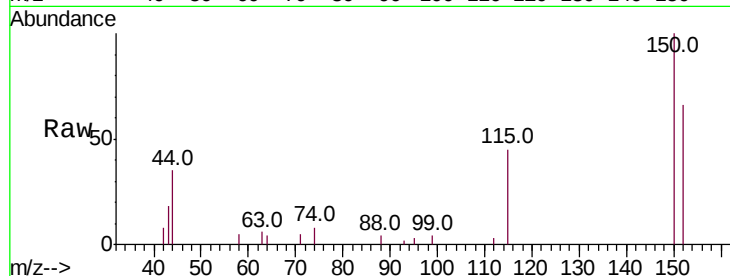
Tot Ion:152 Resp: 2357

Ion Ratio Lower Upper

152 100

150 152.7 121.0 181.6

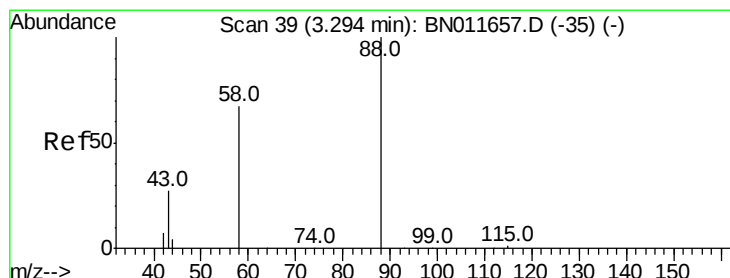
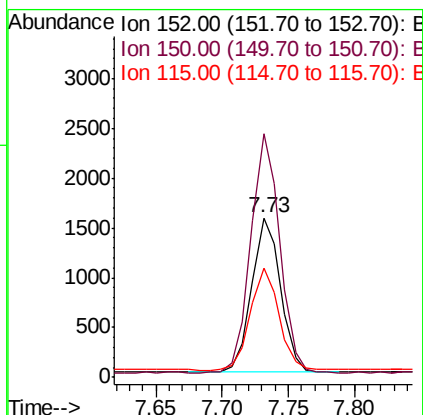
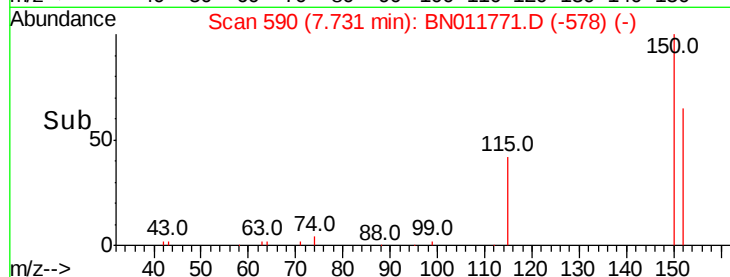
115 68.6 52.6 78.8



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: 0.050 ng

RT: 3.29 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

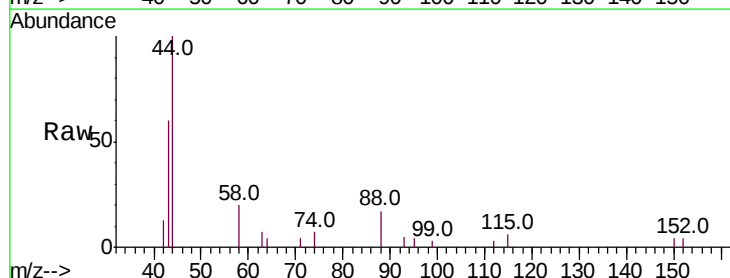
Tgt Ion: 88 Resp: 191

Ion Ratio Lower Upper

88 100

58 92.1 61.4 92.0#

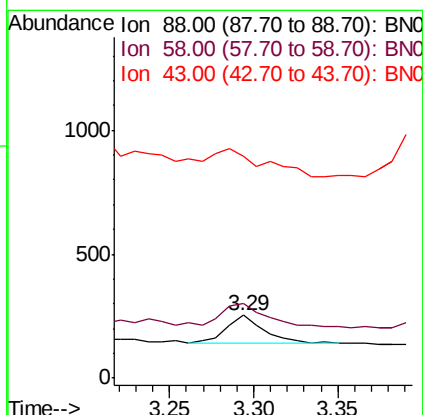
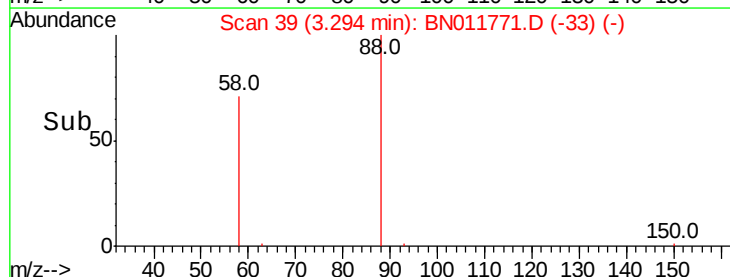
43 113.6 29.8 44.8#

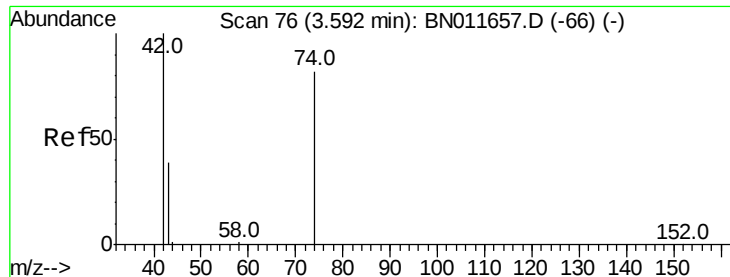


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.143 ng

RT: 3.52 min Scan# 67

Delta R.T. -0.07 min

Lab File: BN011771.D

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BP-VPB181-GW-878-880

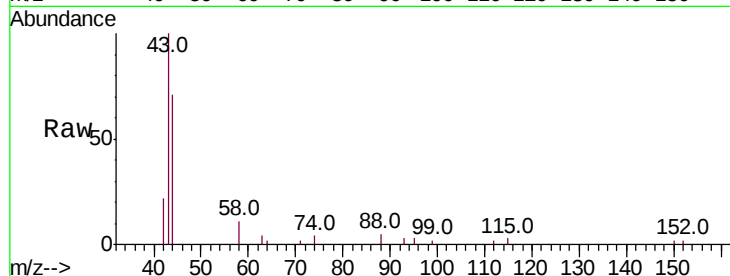
Tot Ion: 42 Resp: 628

Ion Ratio Lower Upper

42 100

74 0.0 79.0 118.6#

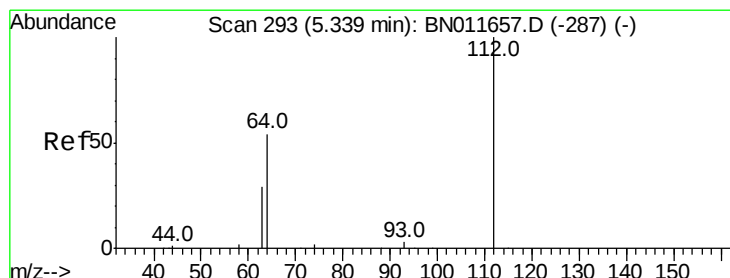
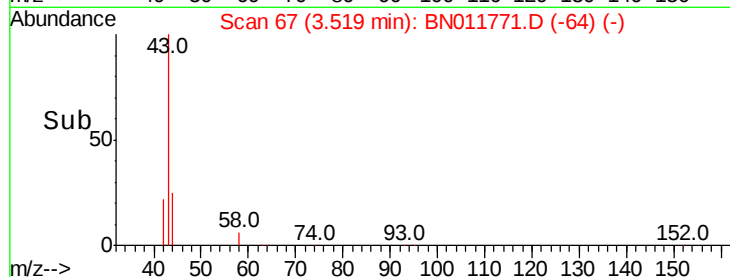
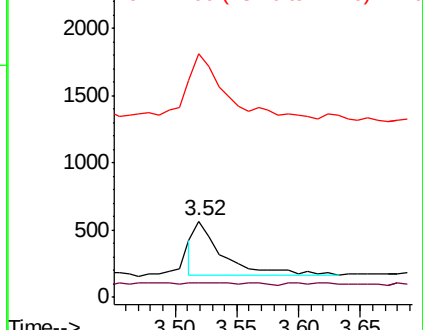
44 129.0 8.1 12.1#



Abundance Ion 42.00 (41.70 to 42.70): BN011657.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BN011657.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BN011657.D (-66) (-)



#4

2-Fluorophenol

Concen: 0.111 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

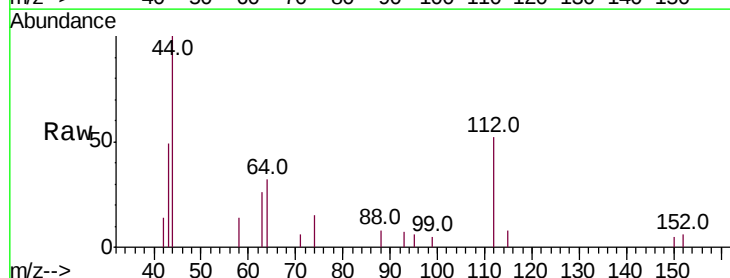
Tgt Ion: 112 Resp: 741

Ion Ratio Lower Upper

112 100

64 71.8 49.7 74.5

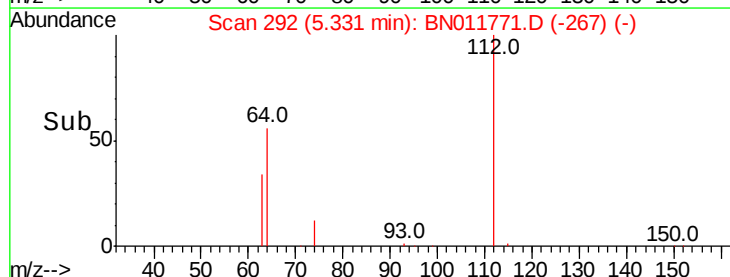
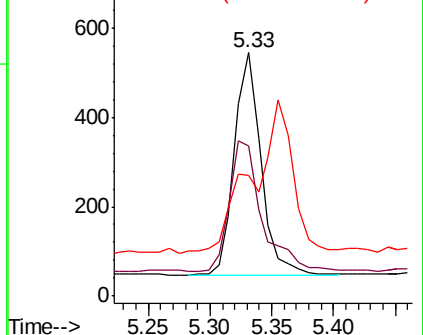
63 0.0 29.4 44.0#

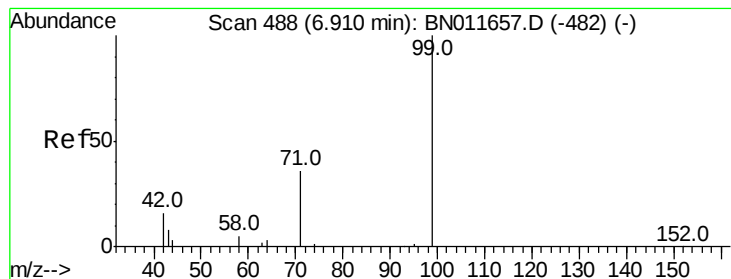


Abundance Ion 112.00 (111.70 to 112.70): BN011657.D (-287) (-)

Ion 64.00 (63.70 to 64.70): BN011657.D (-287) (-)

Ion 63.00 (62.70 to 63.70): BN011657.D (-287) (-)





#5

Phenol-d6

Concen: 0.079 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

Instrument :

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BP-VPB181-GW-878-880

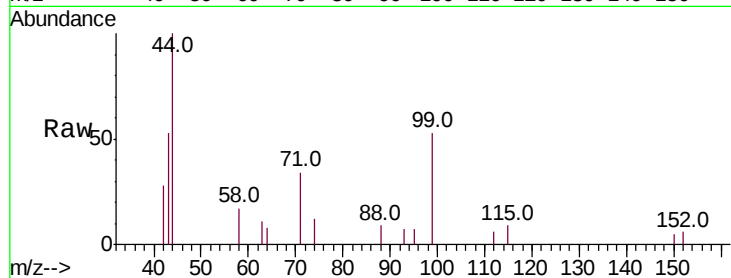
Tot Ion: 99 Resp: 716

Ion Ratio Lower Upper

99 100

42 40.4 20.2 30.2#

71 60.6 33.3 49.9#



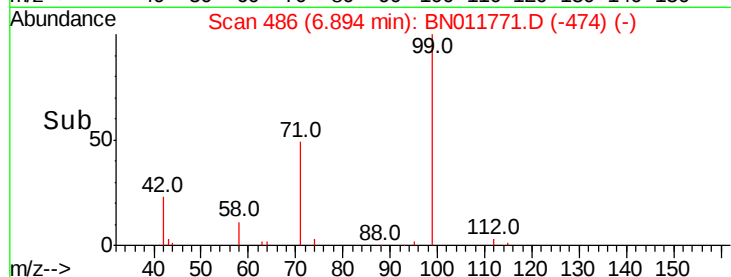
Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

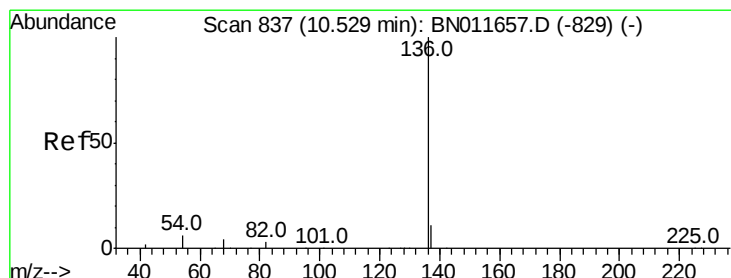
Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)

6.89

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

Tgt Ion: 136 Resp: 9123

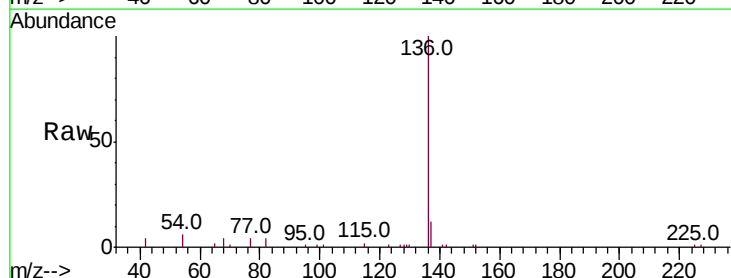
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 6.0 5.8 8.8

68 4.2 4.1 6.1



Abundance Ion 136.00 (135.70 to 136.70): BN011657.D (-829) (-)

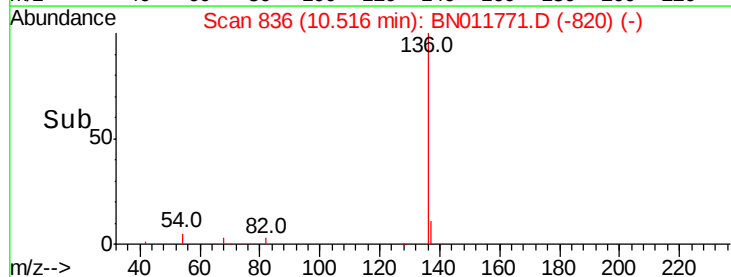
Ion 137.00 (136.70 to 137.70): BN011657.D (-829) (-)

Ion 54.00 (53.70 to 54.70): BN011657.D (-829) (-)

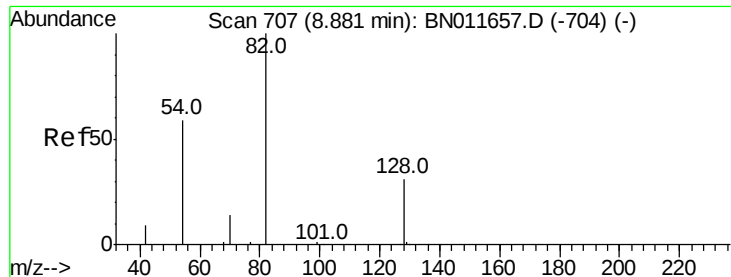
Ion 68.00 (67.70 to 68.70): BN011657.D (-829) (-)

10.52

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.107 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

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BP-VPB181-GW-878-880

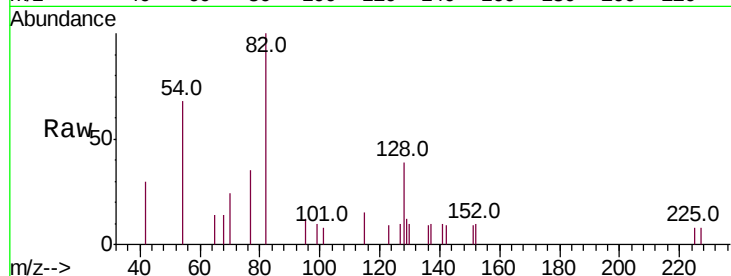
Tot Ion: 82 Resp: 945

Ion Ratio Lower Upper

82 100

128 39.1 26.2 39.2

54 67.7 48.2 72.4

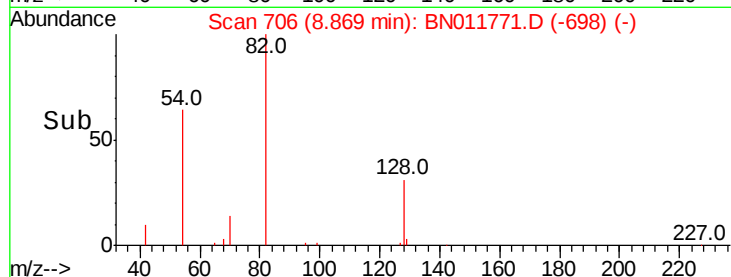


Abundance Ion 82.00 (81.70 to 82.70): BN011657.D (-704) (-)

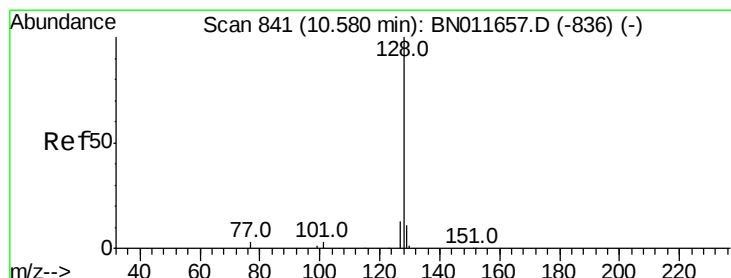
Ion 128.00 (127.70 to 128.70): BN011657.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN011657.D (-704) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 0.021 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

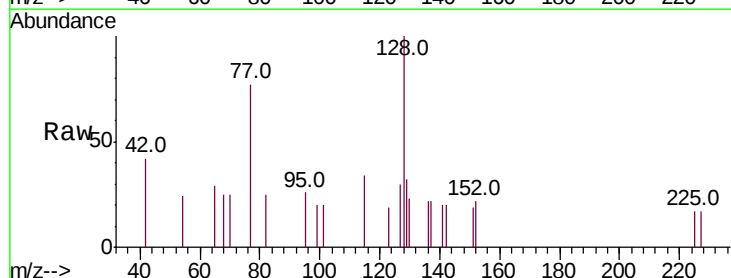
Tgt Ion: 128 Resp: 536

Ion Ratio Lower Upper

128 100

129 31.9 9.4 14.2#

127 30.0 10.8 16.2#

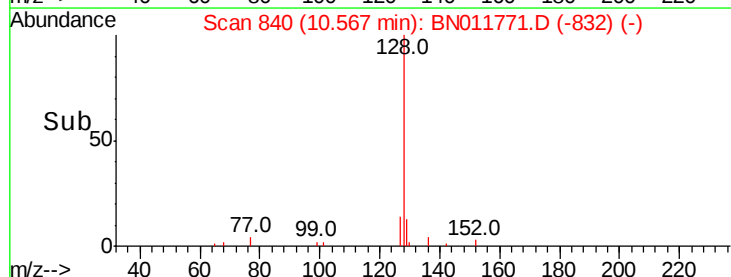


Abundance Ion 128.00 (127.70 to 128.70): BN011657.D (-836) (-)

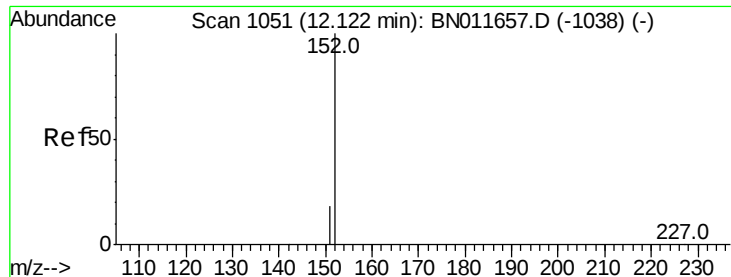
Ion 129.00 (128.70 to 129.70): BN011657.D (-836) (-)

Ion 127.00 (126.70 to 127.70): BN011657.D (-836) (-)

Time-->



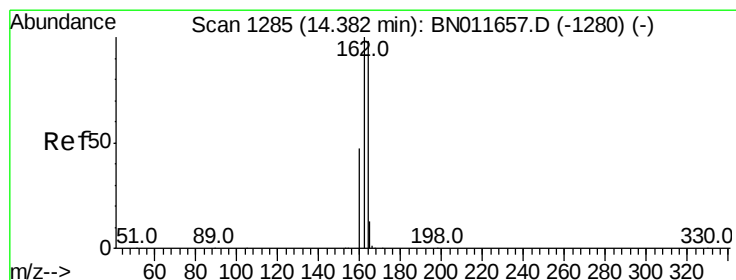
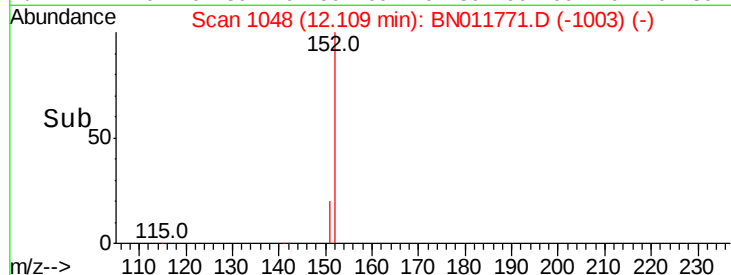
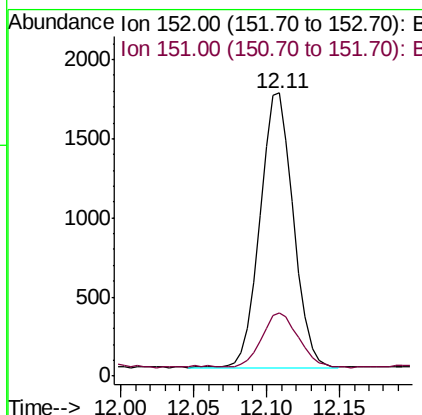
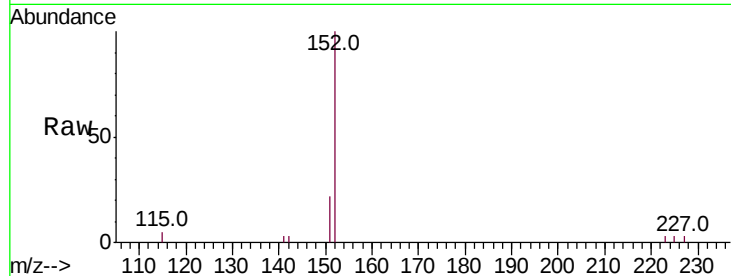
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.168 ng
RT: 12.11 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BN011771.D
Acq: 09 Sep 2020 17:09

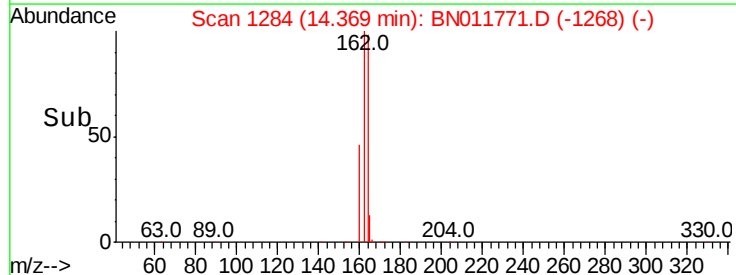
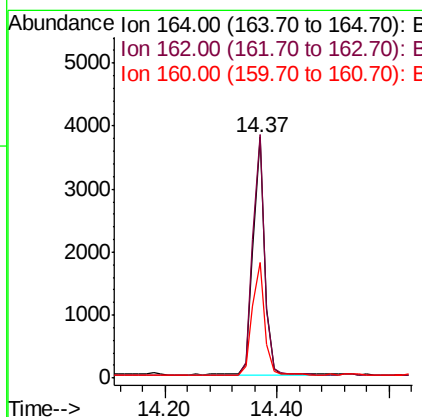
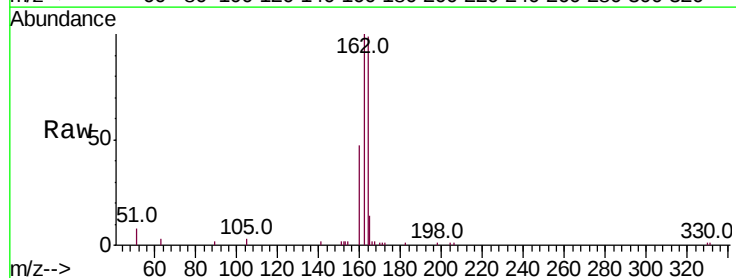
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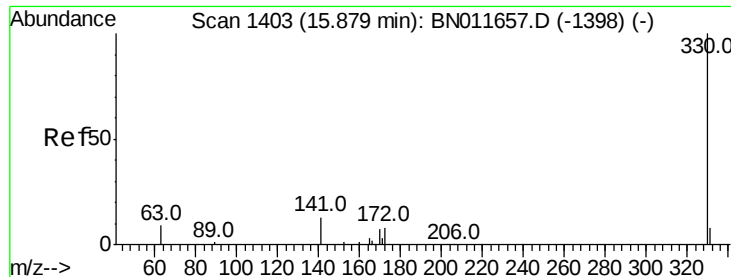
Tot Ion:152 Resp: 2758
Ion Ratio Lower Upper
152 100
151 21.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN011771.D
Acq: 09 Sep 2020 17:09

Tgt Ion:164 Resp: 5496
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 47.8 38.5 57.7

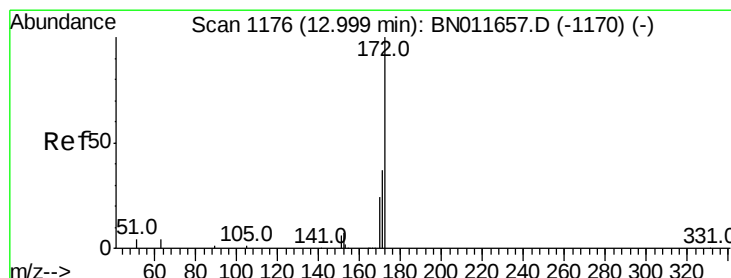
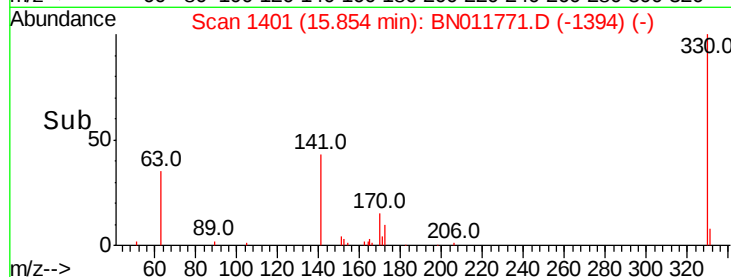
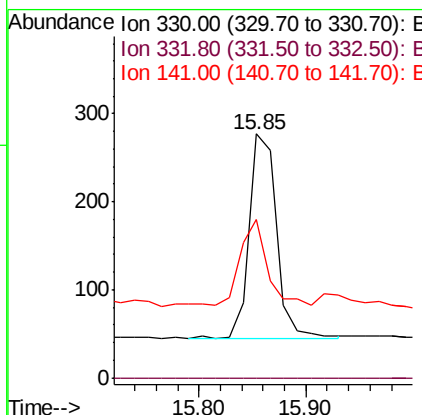
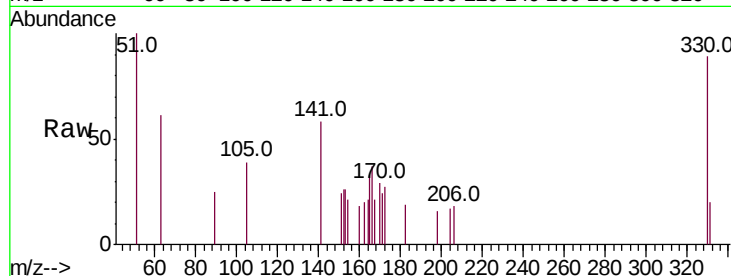




#14
2,4,6-Tribromophenol
Concen: 0.156 ng
RT: 15.85 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN011771.D
Acq: 09 Sep 2020 17:09

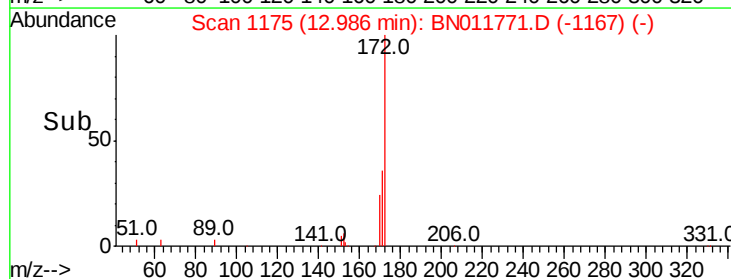
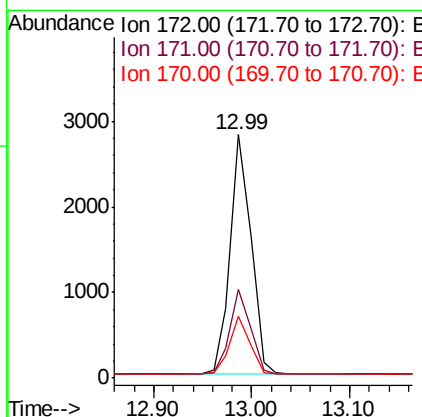
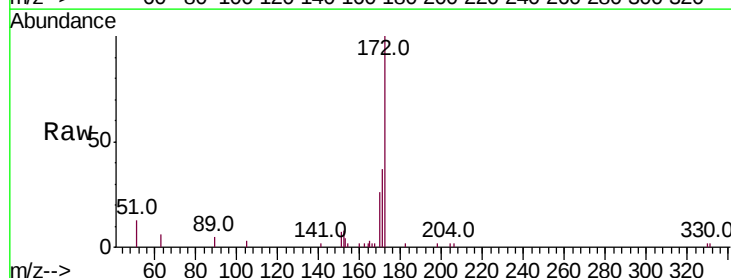
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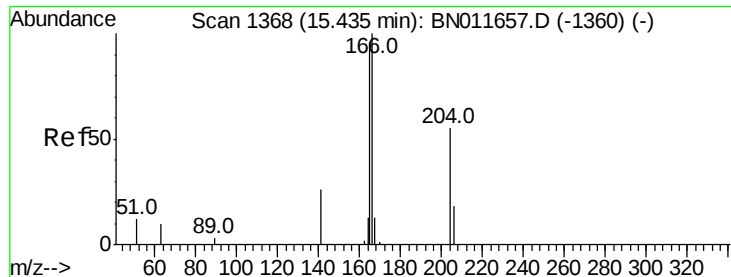
Tot Ion:330 Resp: 415
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.0 29.8 44.8



#15
2-Fluorobiphenyl
Concen: 0.177 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011771.D
Acq: 09 Sep 2020 17:09

Tgt Ion:172 Resp: 4115
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 25.6 20.1 30.1





#18

Fluorene

Concen: 0.112 ng

RT: 15.42 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

Instrument :

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ClientSampleId :

BP-VPB181-GW-878-880

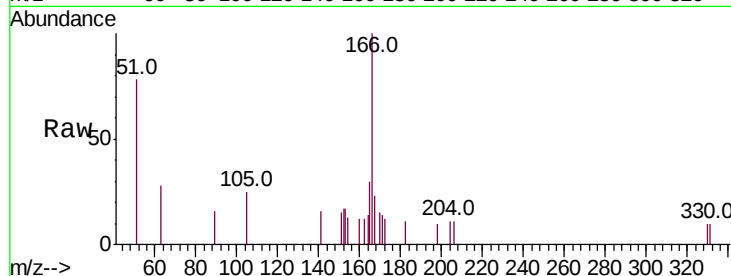
Tot Ion:166 Resp: 2652

Ion Ratio Lower Upper

166 100

165 6.5 77.7 116.5#

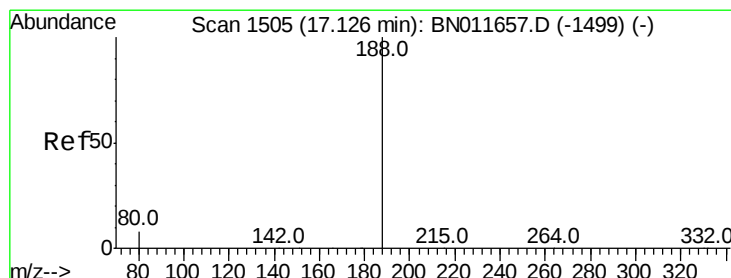
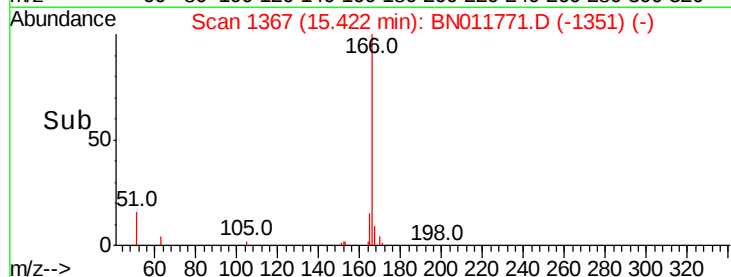
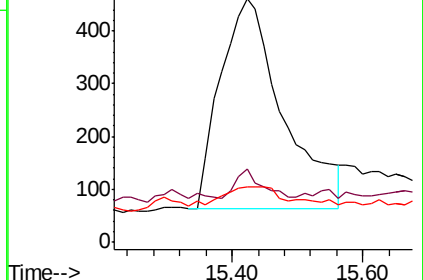
167 10.8 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

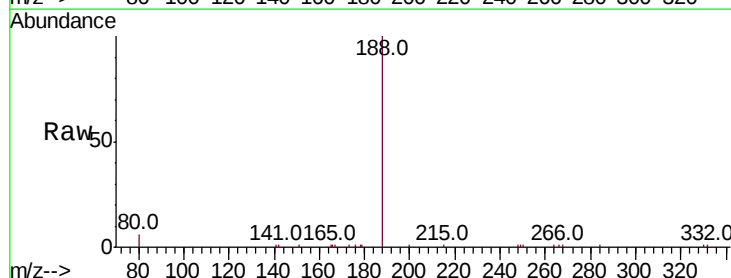
Tgt Ion:188 Resp: 11890

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

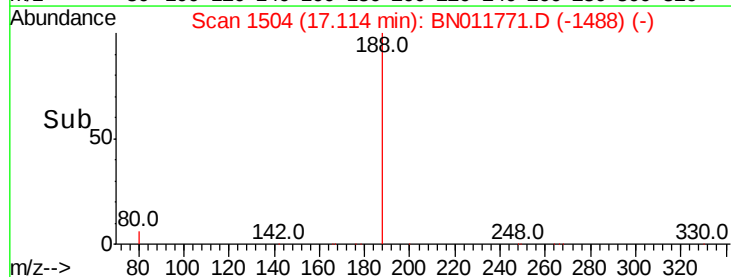
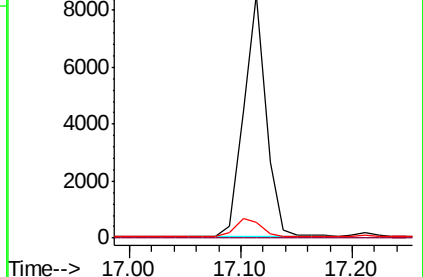
80 6.4 6.6 9.8#

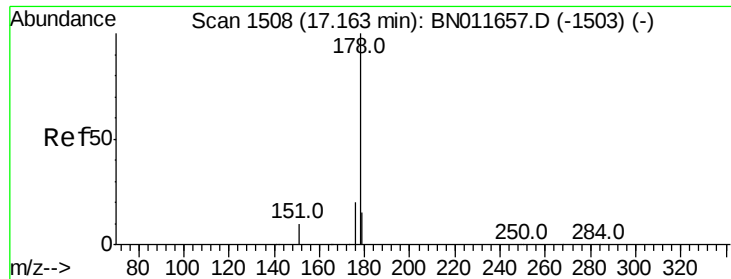


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Phenanthrene

Concen: 0.040 ng

RT: 17.15 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-878-880

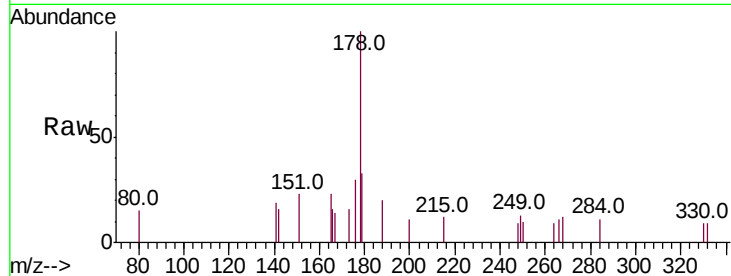
Tot Ion:178 Resp: 1545

Ion Ratio Lower Upper

178 100

176 16.6 15.2 22.8

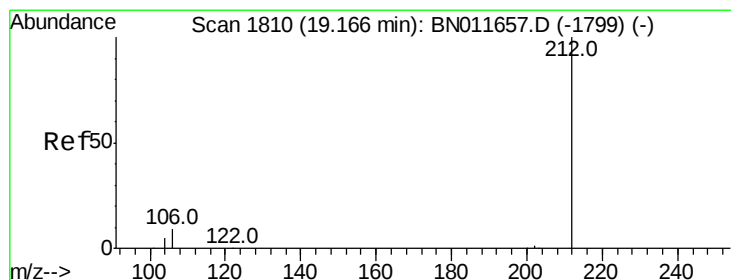
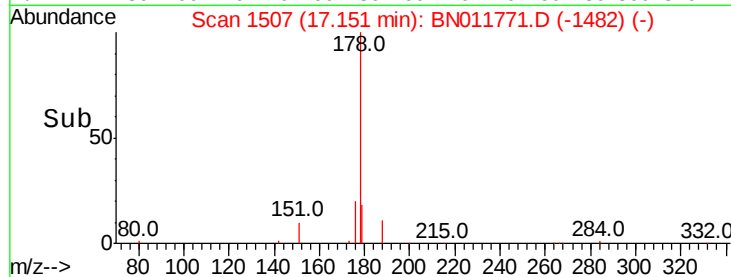
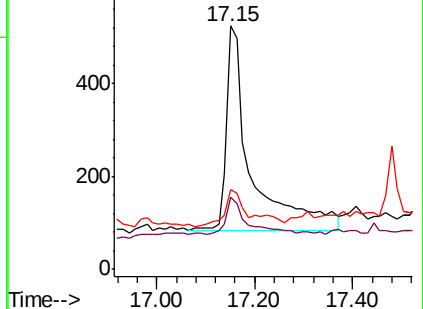
179 14.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#27

Fluoranthene-d10

Concen: 0.133 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

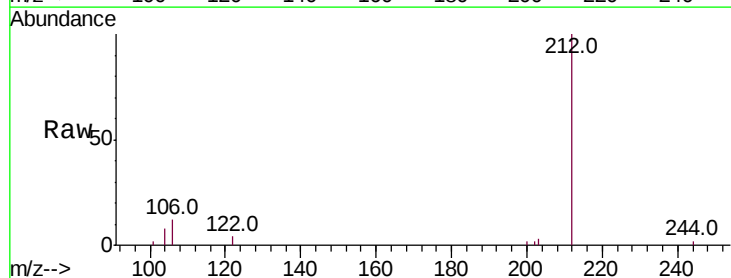
Tgt Ion:212 Resp: 5076

Ion Ratio Lower Upper

212 100

106 9.9 7.6 11.4

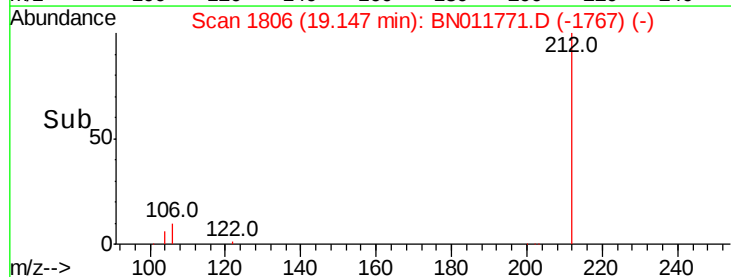
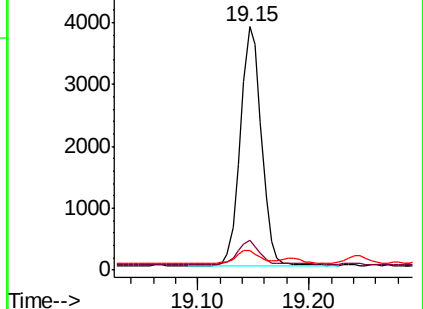
104 6.0 4.6 6.8

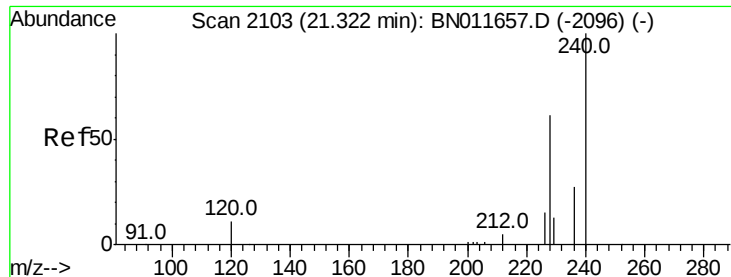


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-878-880

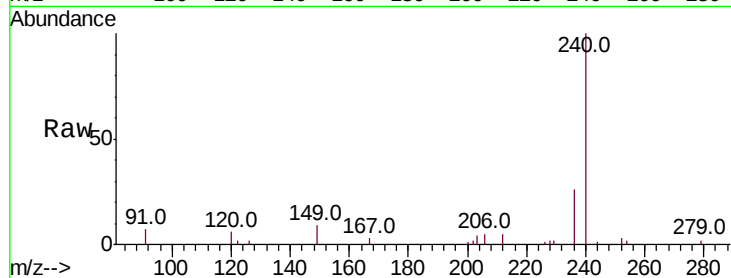
Tot Ion:240 Resp: 12126

Ion Ratio Lower Upper

240 100

120 6.4 9.9 14.9#

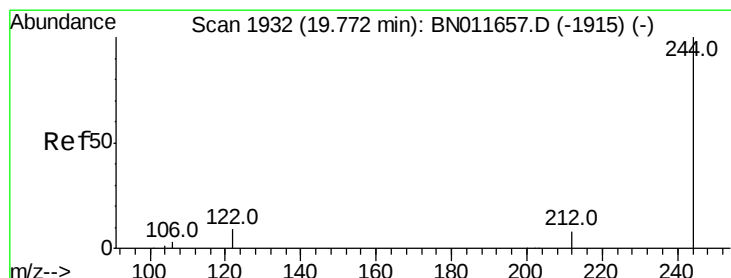
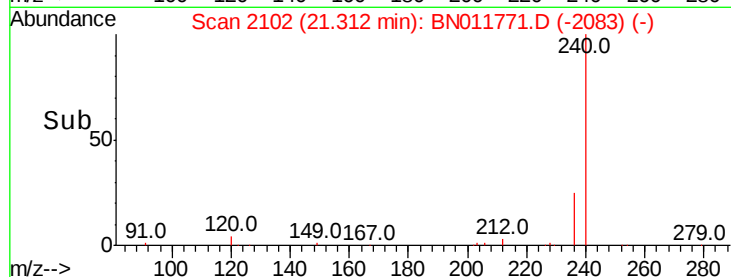
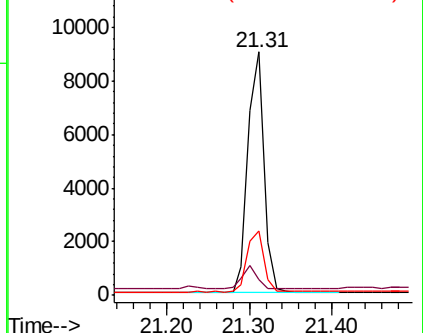
236 26.5 22.2 33.4



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: 0.163 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

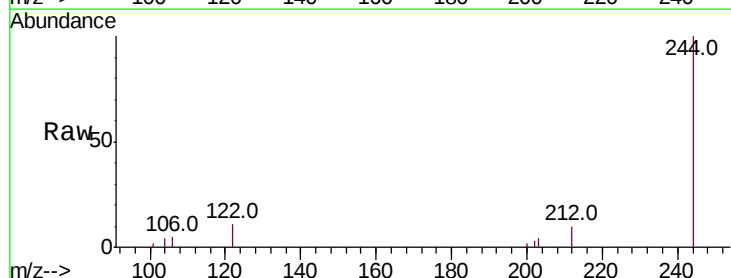
Tgt Ion:244 Resp: 4899

Ion Ratio Lower Upper

244 100

212 10.2 6.5 9.7#

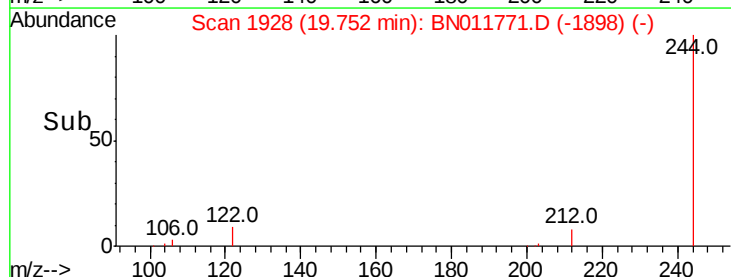
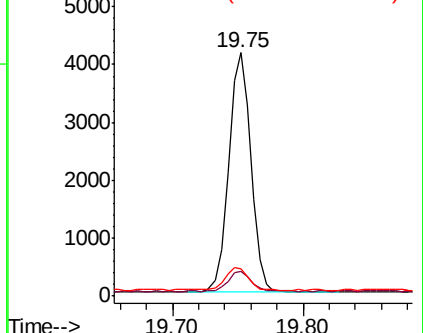
122 11.0 7.4 11.2

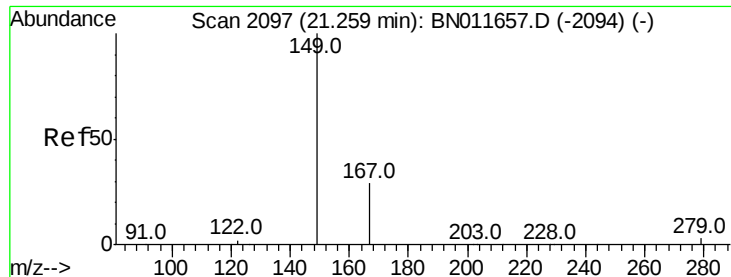


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 8.459 ng

RT: 21.24 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-878-880

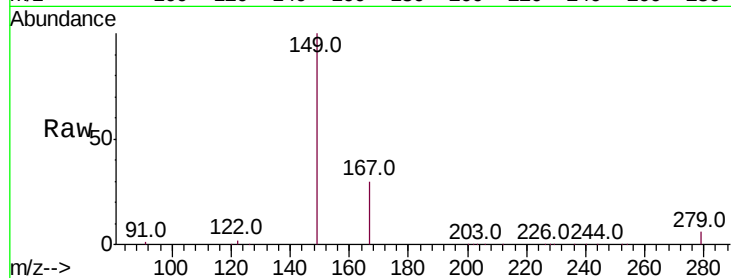
Tot Ion:149 Resp: 148978

Ion Ratio Lower Upper

149 100

167 28.3 23.2 34.8

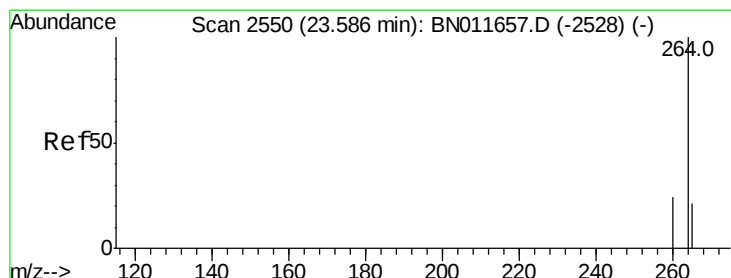
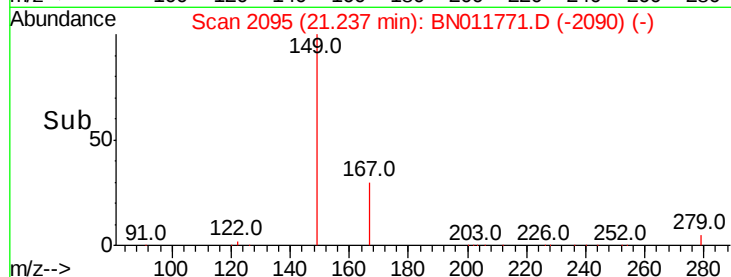
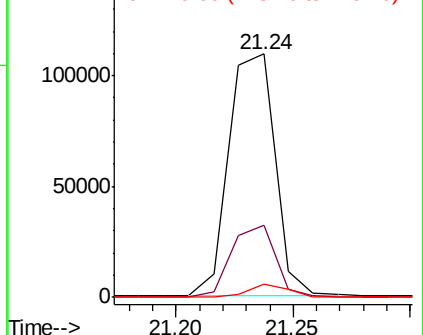
279 4.5 4.0 6.0



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: 23.56 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BN011771.D

Acq: 09 Sep 2020 17:09

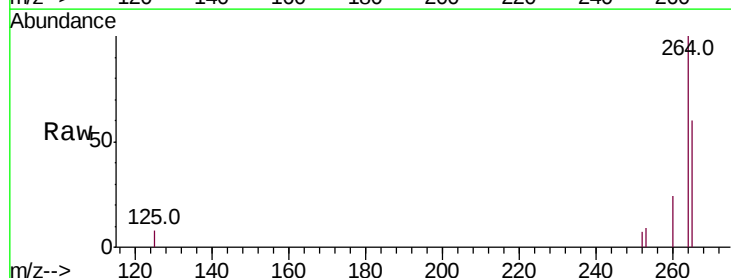
Tgt Ion:264 Resp: 12940

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 60.4 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

