

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011637.D
 Acq On : 26 Aug 2020 04:39
 Operator : CG/JU
 Sample : L3738-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-438-440

Quant Time: Aug 26 05:50:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

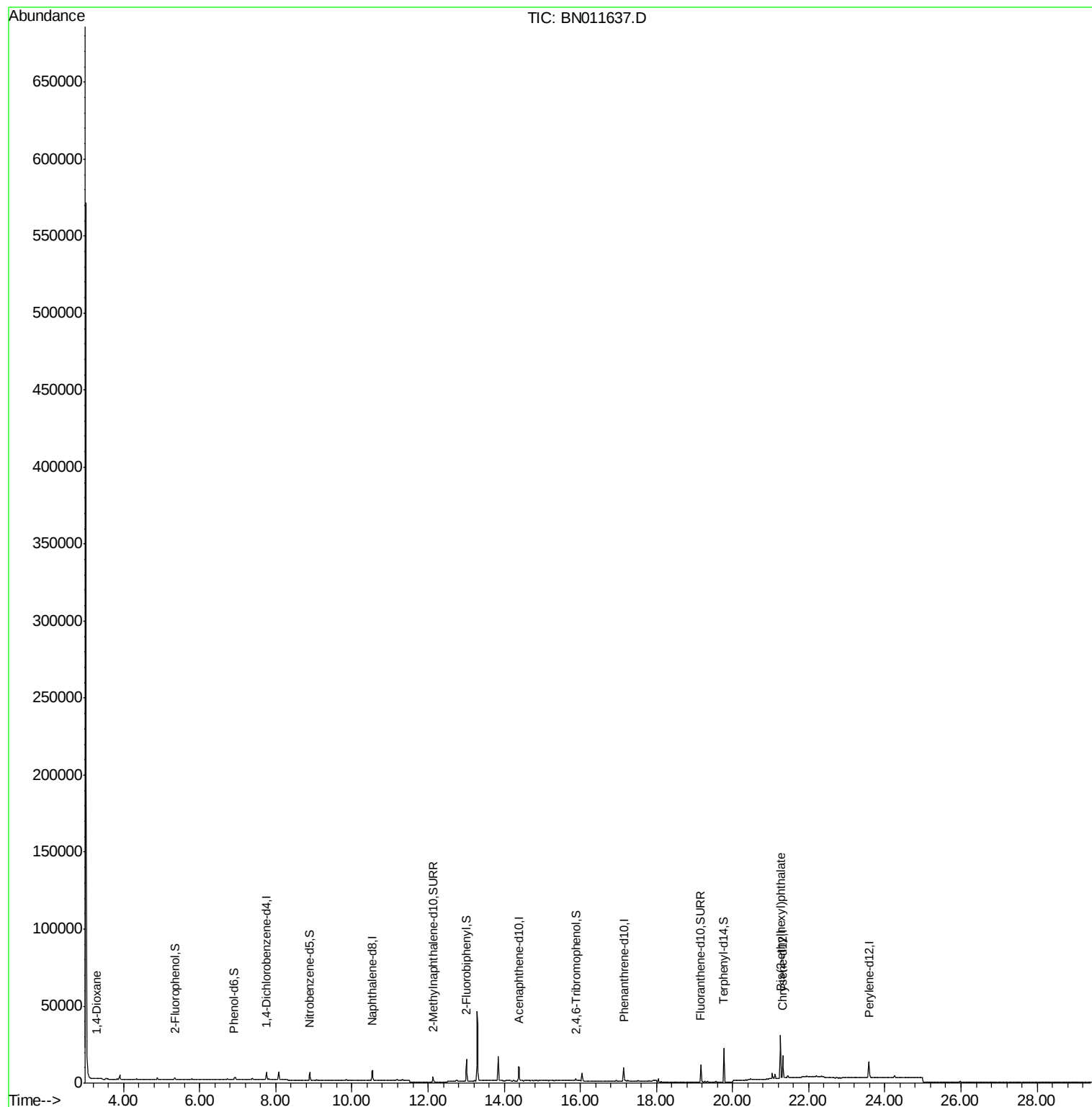
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2308	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9401	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	5987	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	13415	0.40	ng	0.00
29) Chrysene-d12	21.32	240	13004	0.40	ng	-0.01
36) Perylene-d12	23.58	264	13816	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1051	0.14	ng	0.00
5) Phenol-d6	6.91	99	861	0.08	ng	0.00
8) Nitrobenzene-d5	8.89	82	3867	0.48	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	4473	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1130	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	11250	0.48	ng	-0.01
27) Fluoranthene-d10	19.17	212	12582	0.29	ng	0.00
31) Terphenyl-d14	19.77	244	21824	0.66	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	81	0.023	ng	# 1
34) Bis(2-ethylhexyl)phthalate	21.26	149	24739	0.879	ng	95

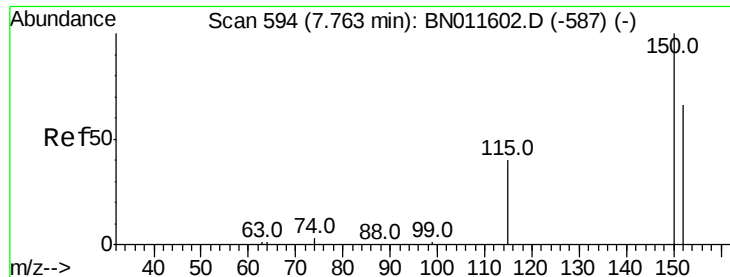
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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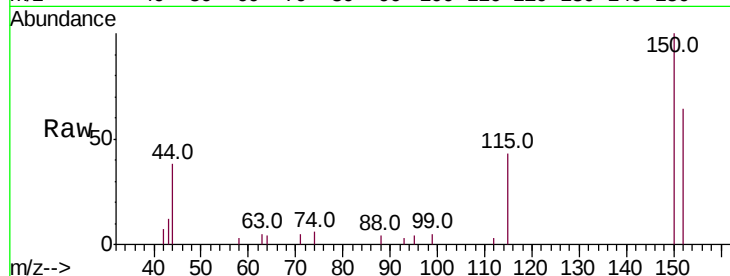


#1

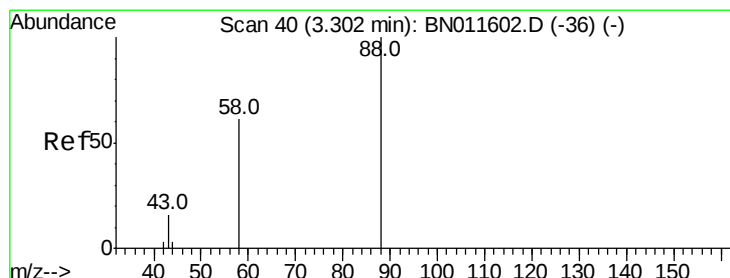
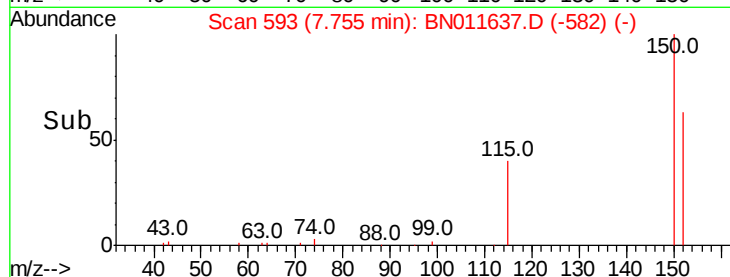
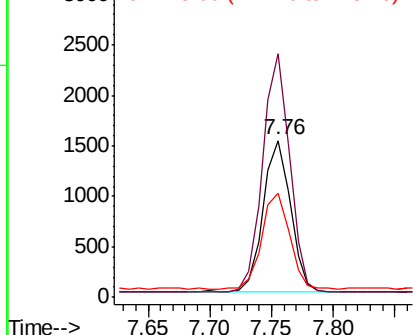
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011637.D
Acq: 26 Aug 2020 04:39

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-438-440

Tot Ion:152 Resp: 2308
Ion Ratio Lower Upper
152 100
150 155.3 112.4 168.6
115 66.7 56.9 85.3



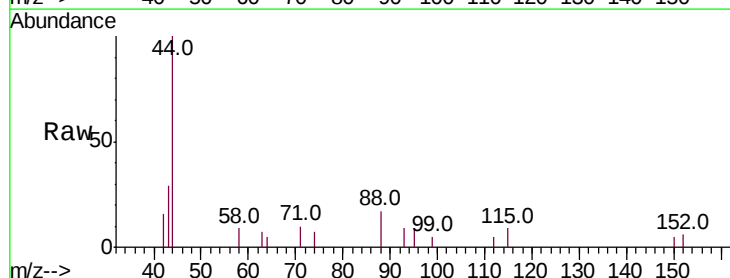
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



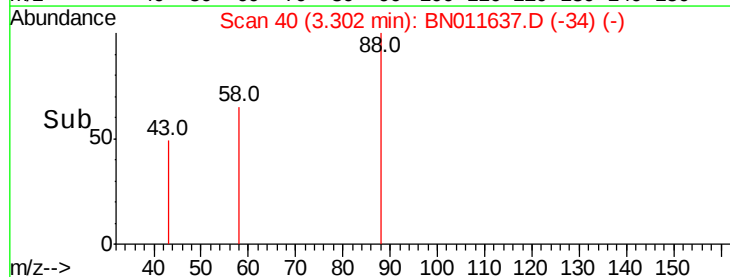
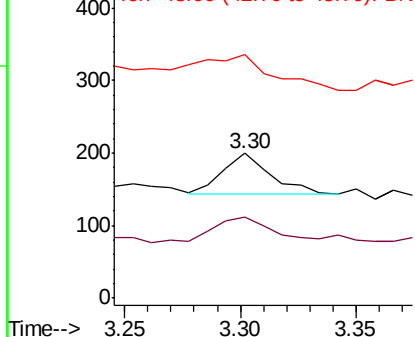
#2

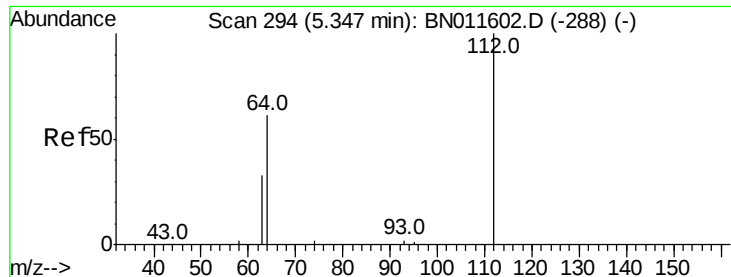
1,4-Dioxane
Concen: 0.023 ng
RT: 3.30 min Scan# 40
Delta R.T. 0.00 min
Lab File: BN011637.D
Acq: 26 Aug 2020 04:39

Tgt Ion: 88 Resp: 81
Ion Ratio Lower Upper
88 100
58 85.2 3.0 4.4#
43 140.7 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: 0.142 ng

RT: 5.35 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-438-440

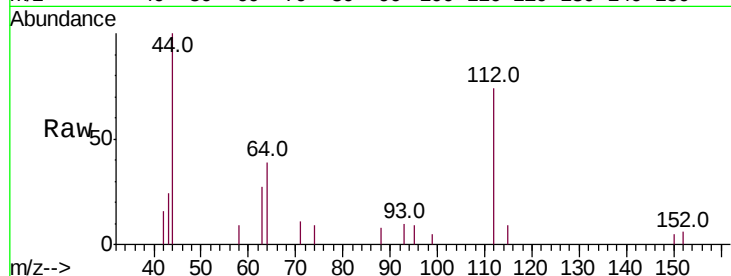
Tot Ion:112 Resp: 1051

Ion Ratio Lower Upper

112 100

64 62.5 49.6 74.4

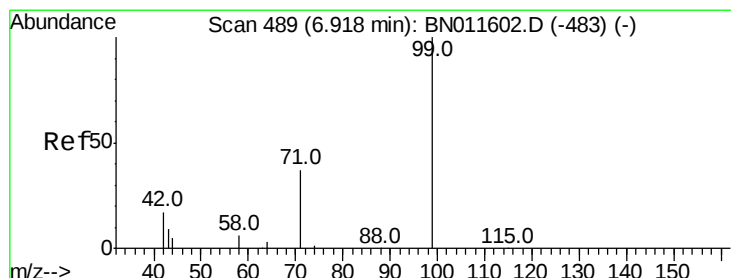
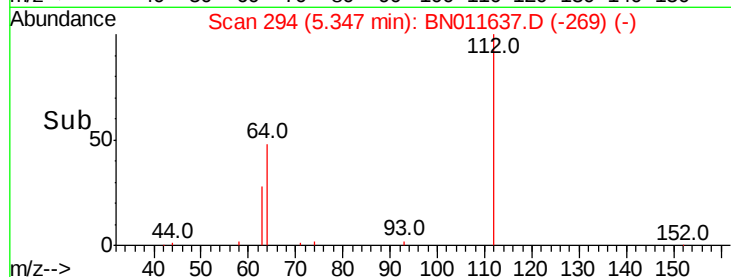
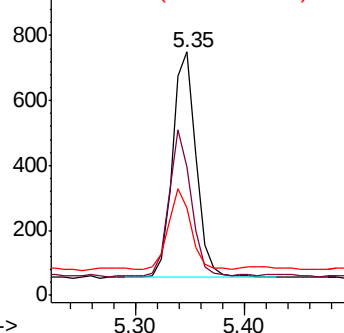
63 35.2 26.4 39.6



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: 0.083 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

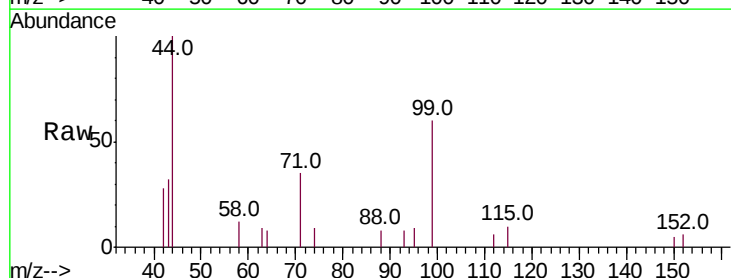
Tgt Ion: 99 Resp: 861

Ion Ratio Lower Upper

99 100

42 35.7 0.0 0.0#

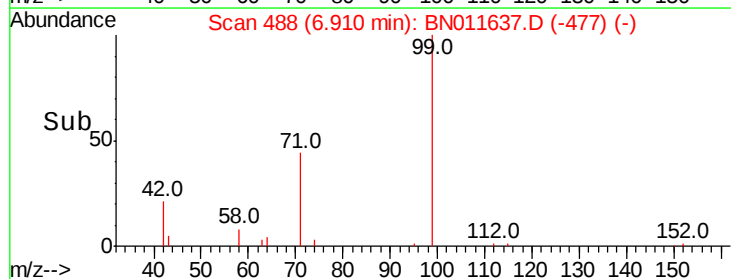
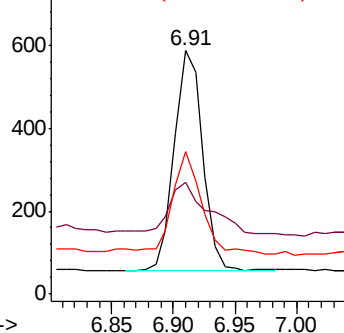
71 48.7 0.0 0.0#

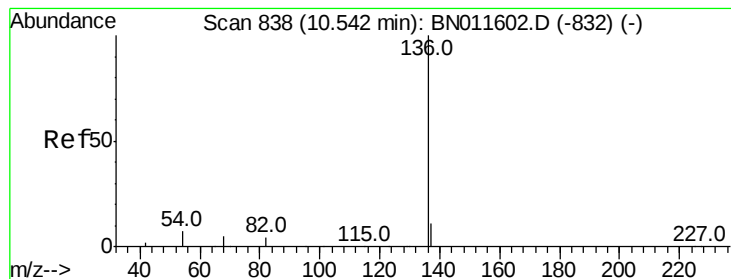


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.54 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-438-440

Tot Ion:136 Resp: 9401

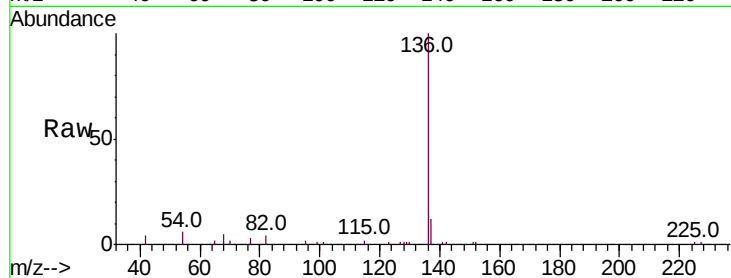
Ion Ratio Lower Upper

136 100

137 12.0 11.5 17.3

54 5.9 11.9 17.9#

68 4.5 12.3 18.5#

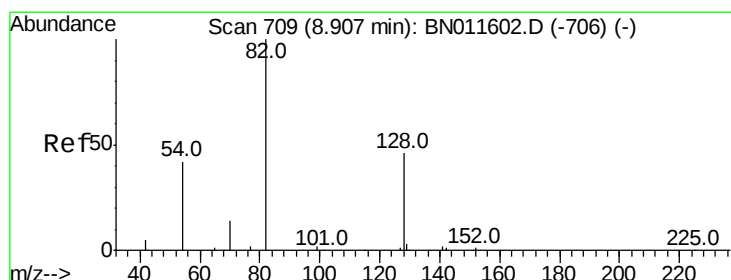
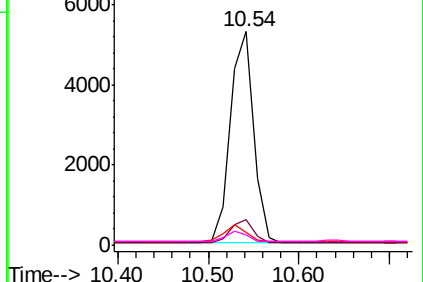
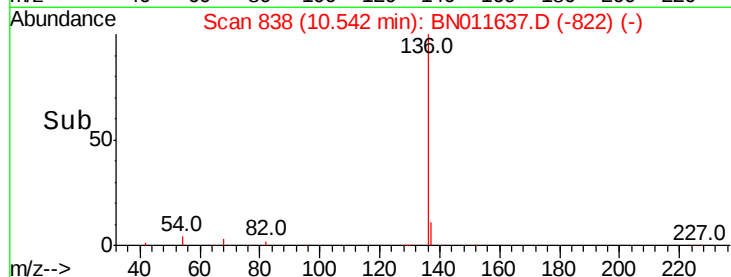


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.475 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

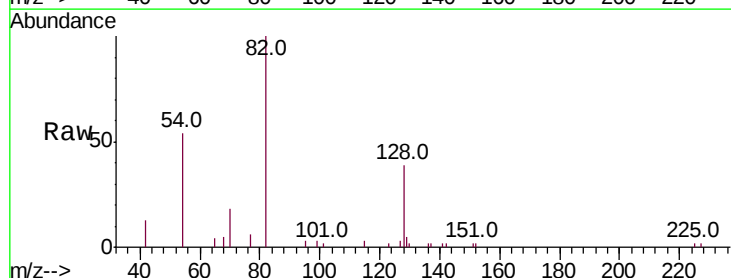
Tgt Ion: 82 Resp: 3867

Ion Ratio Lower Upper

82 100

128 39.1 31.1 46.7

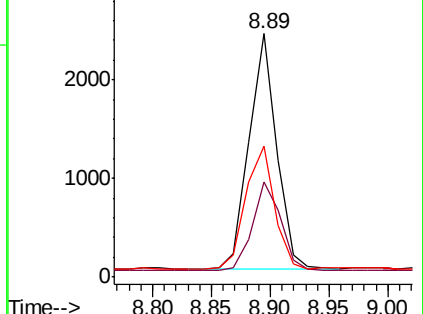
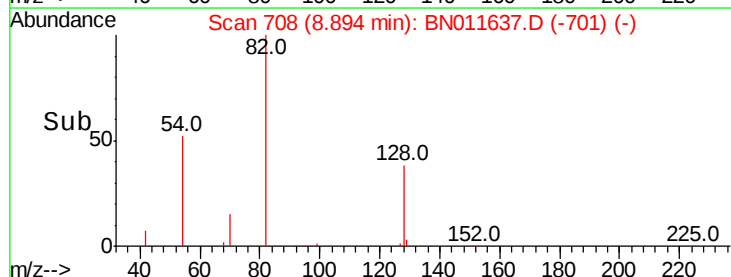
54 53.6 37.1 55.7

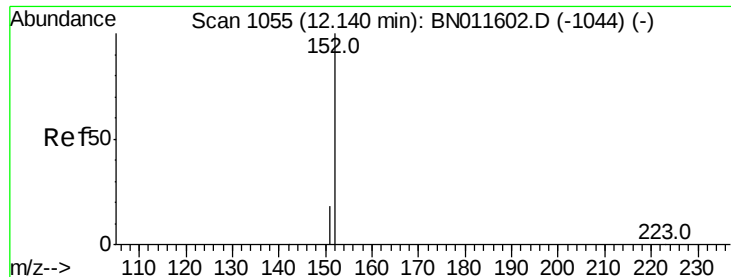


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

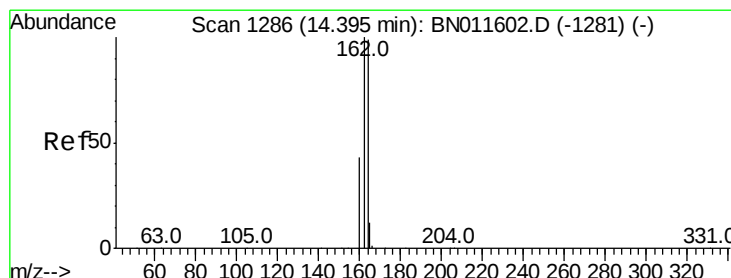
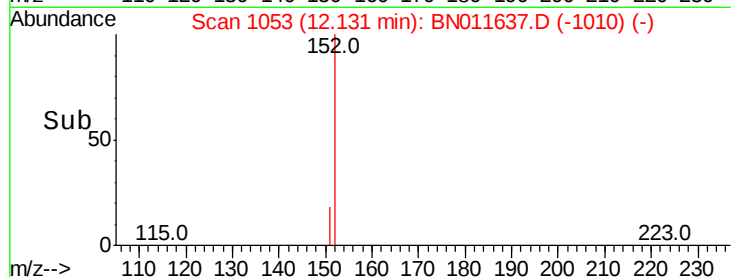
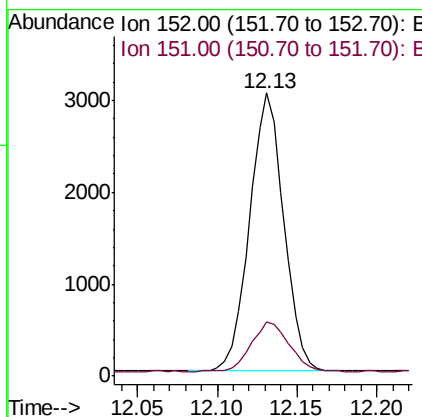
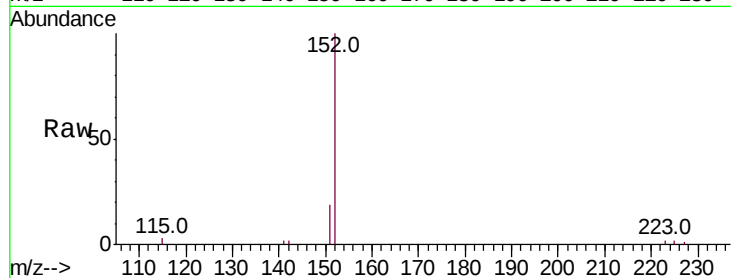




#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.13 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN011637.D
Acq: 26 Aug 2020 04:39

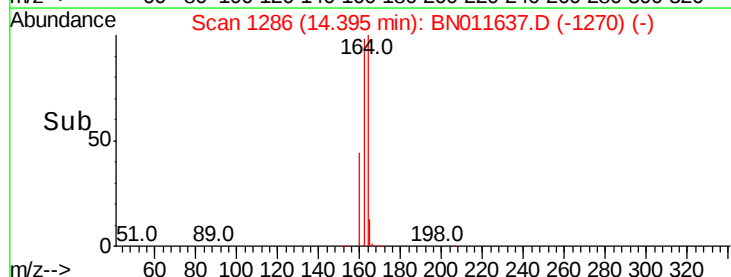
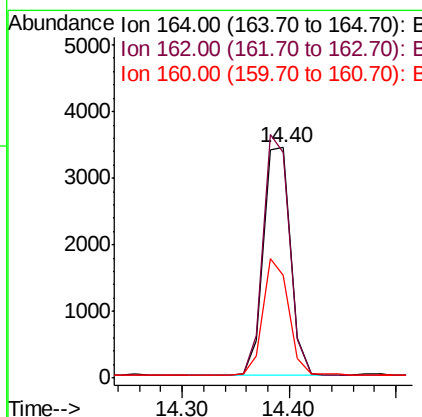
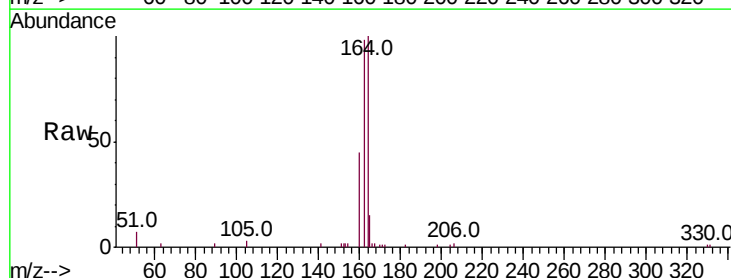
Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-438-440

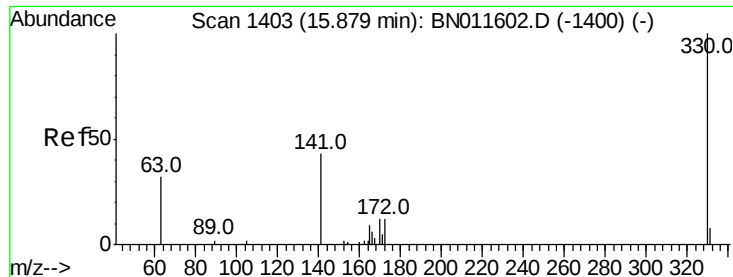
Tot Ion:152 Resp: 4473
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN011637.D
Acq: 26 Aug 2020 04:39

Tgt Ion:164 Resp: 5987
Ion Ratio Lower Upper
164 100
162 98.2 80.8 121.2
160 44.5 35.6 53.4





#14

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-438-440

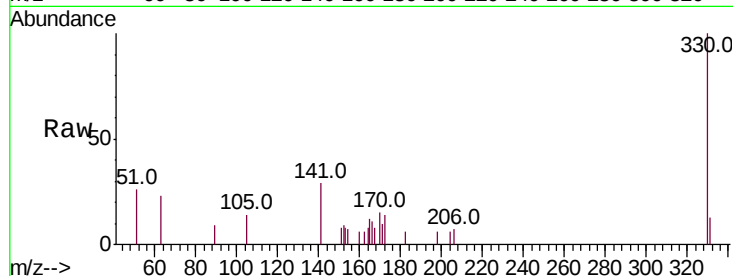
Tot Ion:330 Resp: 1130

Ion Ratio Lower Upper

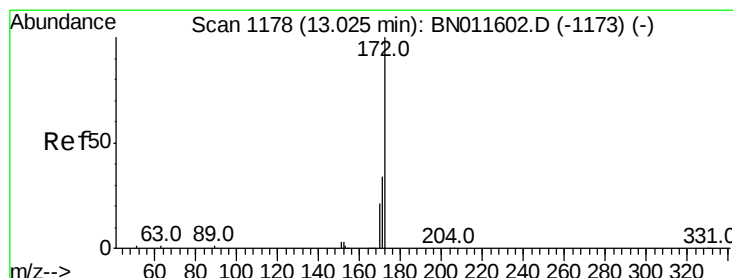
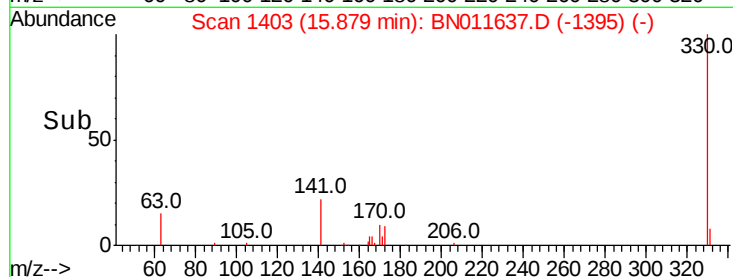
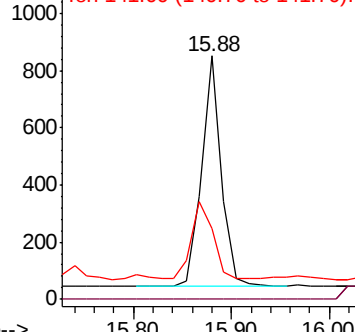
330 100

332 0.0 0.0 0.0

141 36.7 29.4 44.2



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: 0.483 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

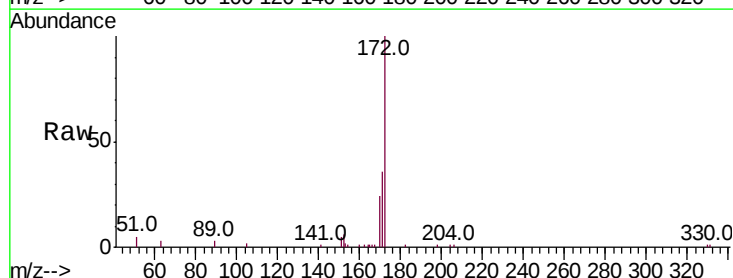
Tgt Ion:172 Resp: 11250

Ion Ratio Lower Upper

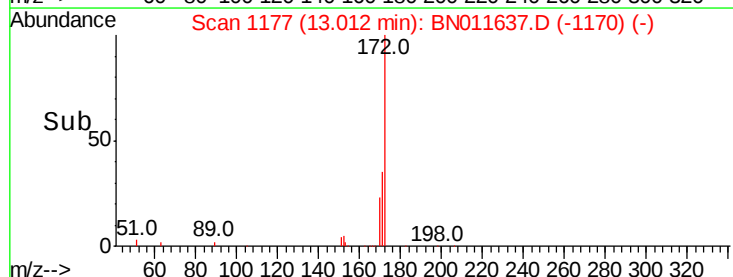
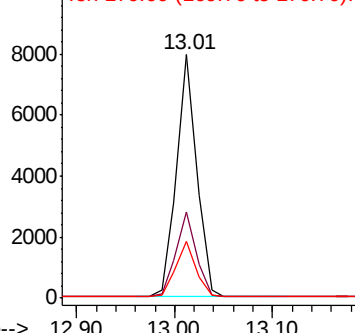
172 100

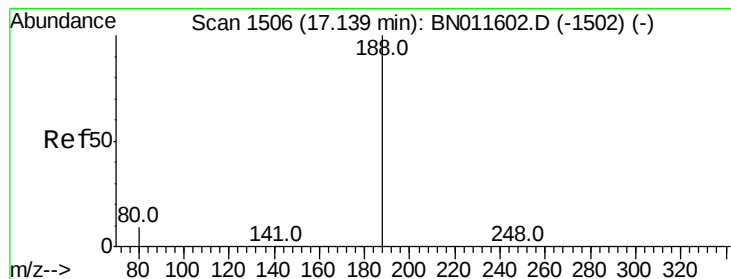
171 35.6 28.6 42.8

170 23.5 18.2 27.2



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: 17.14 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

Instrument :

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BP-VPB181-GW-438-440

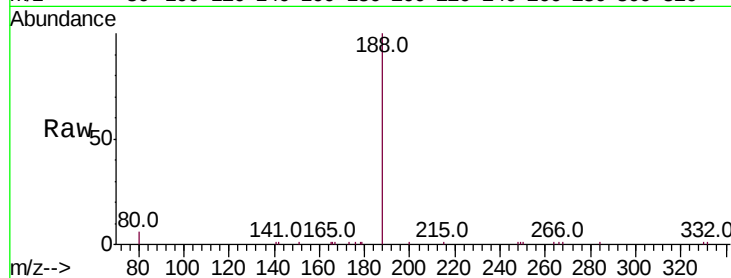
Tot Ion:188 Resp: 13415

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

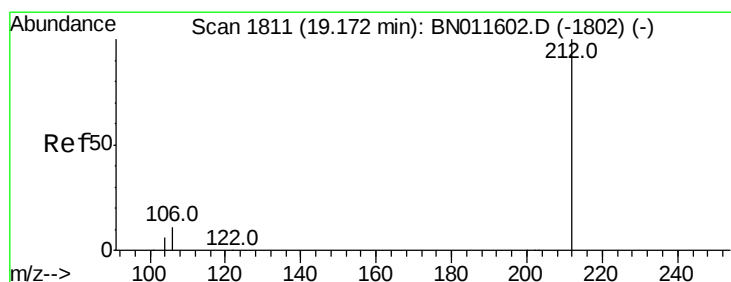
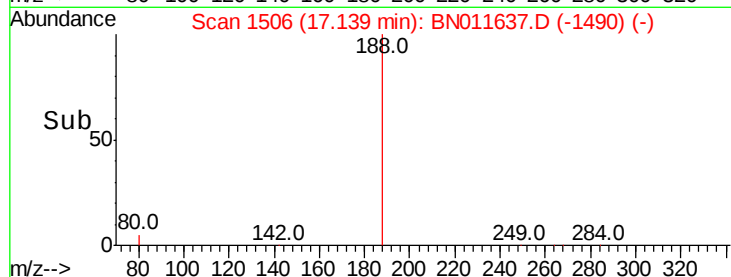
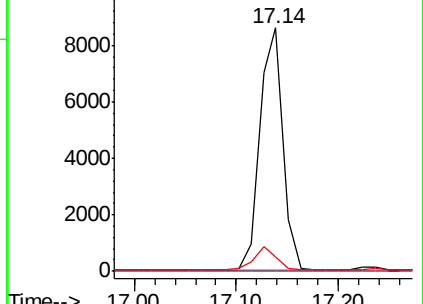
80 5.8 9.2 13.8#



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: 0.288 ng

RT: 19.17 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

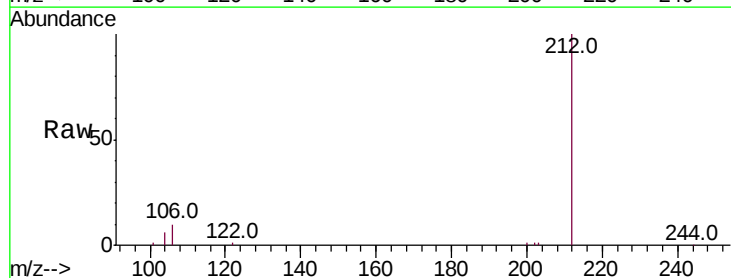
Tgt Ion:212 Resp: 12582

Ion Ratio Lower Upper

212 100

106 10.1 8.9 13.3

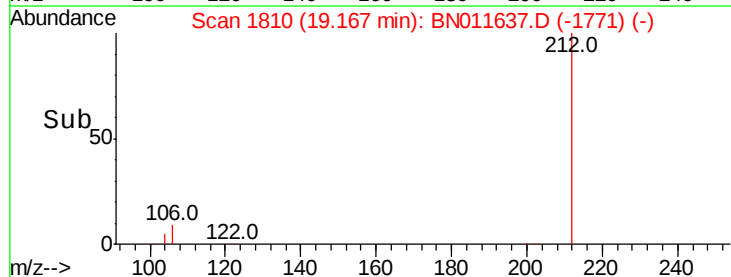
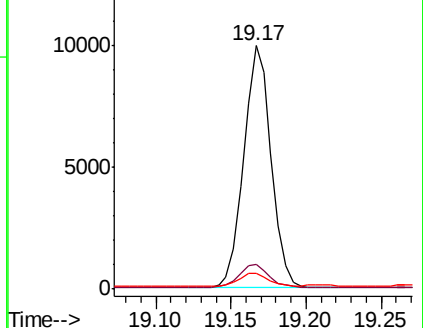
104 5.9 5.3 7.9

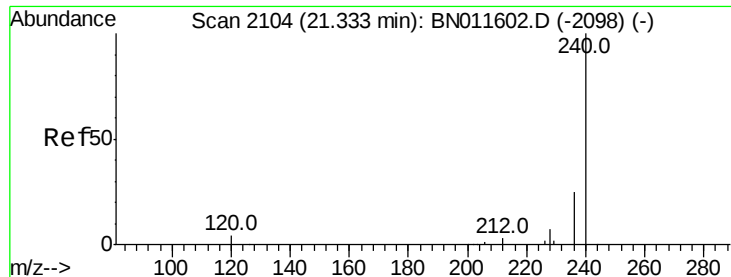


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011637.D

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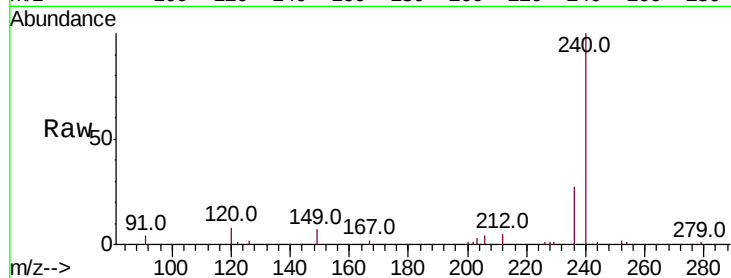
Tot Ion:240 Resp: 13004

Ion Ratio Lower Upper

240 100

120 8.2 6.0 9.0

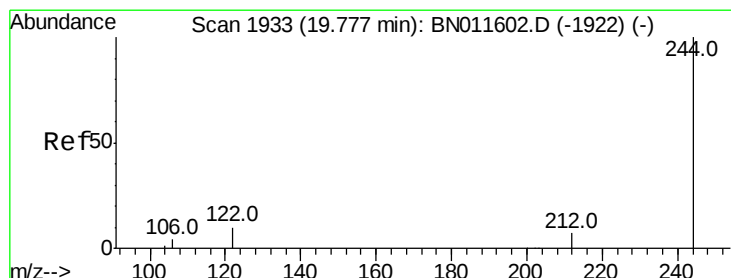
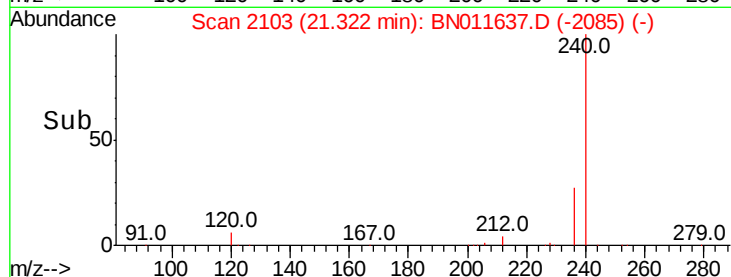
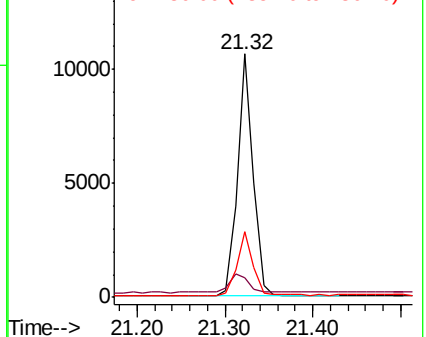
236 27.2 20.8 31.2



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: 0.657 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

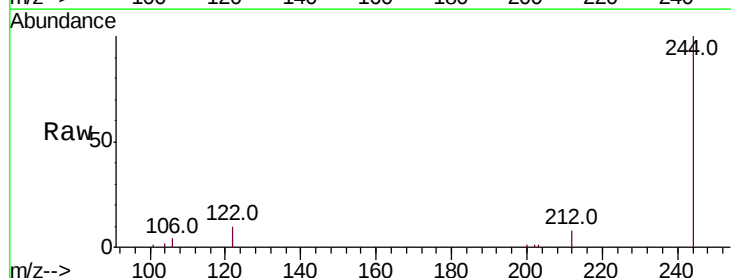
Tgt Ion:244 Resp: 21824

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

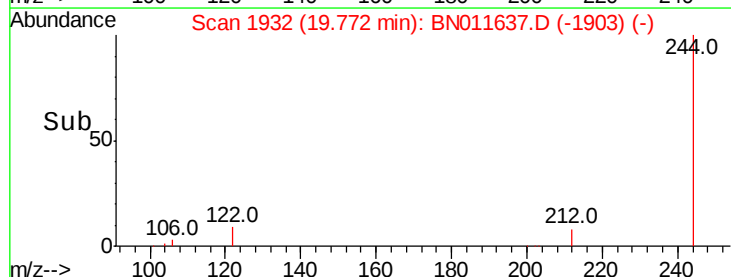
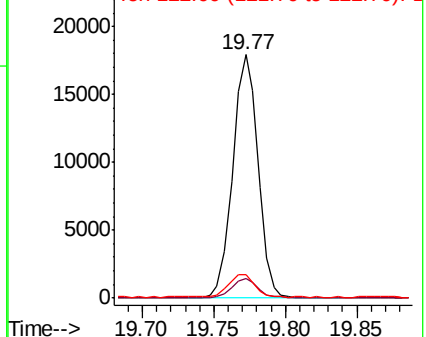
122 9.9 9.5 14.3

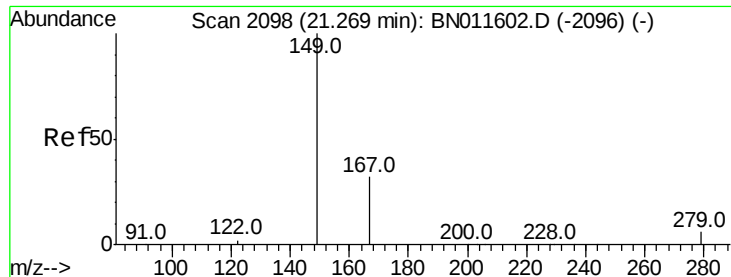


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.879 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-438-440

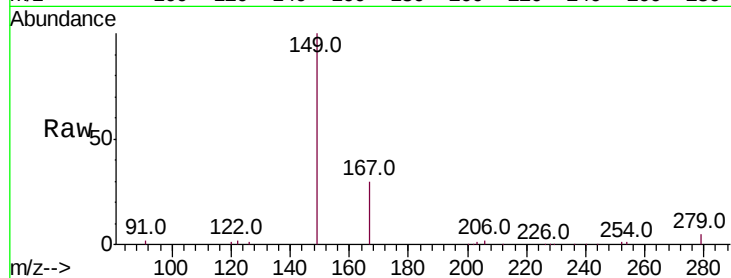
Tot Ion:149 Resp: 24739

Ion Ratio Lower Upper

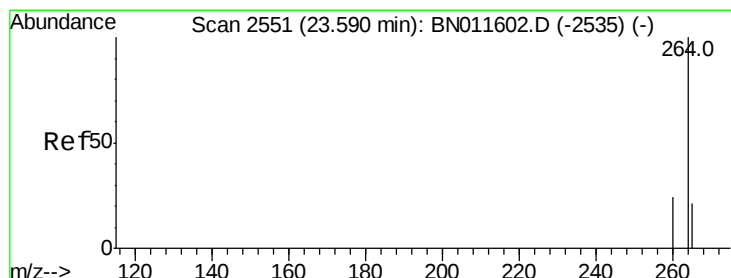
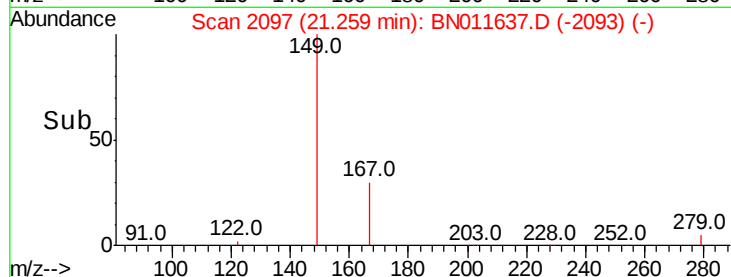
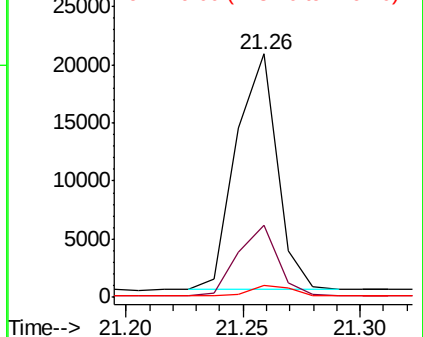
149 100

167 28.6 20.6 31.0

279 4.9 3.8 5.8



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: 23.58 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BN011637.D

Acq: 26 Aug 2020 04:39

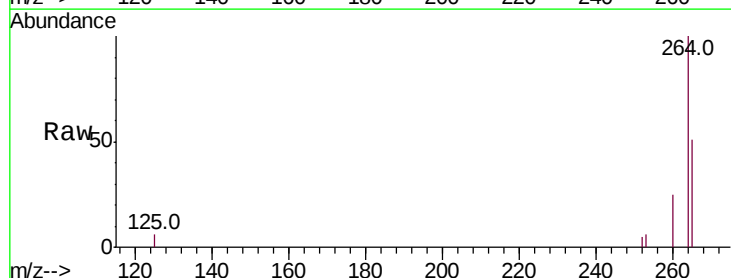
Tgt Ion:264 Resp: 13816

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 51.0 40.7 61.1



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

