

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011576.D
 Acq On : 22 Aug 2020 07:53
 Operator : CG/JU
 Sample : L3718-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-198-200

Quant Time: Aug 24 01:34:09 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	1600	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6403	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	4060	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	8929	0.40	ng	0.00
29) Chrysene-d12	21.01	240	8856	0.40	ng	0.00
36) Perylene-d12	23.10	264	8012	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	629	0.18	ng	0.00
5) Phenol-d6	6.63	99	303	0.09	ng	0.00
8) Nitrobenzene-d5	8.54	82	1961	0.47	ng	-0.01
11) 2-Methylnaphthalene-d10	11.74	152	2870	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	778	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	9003	0.54	ng	-0.01
27) Fluoranthene-d10	18.83	212	9905	0.33	ng	0.00
31) Terphenyl-d14	19.45	244	16311	0.71	ng	0.00

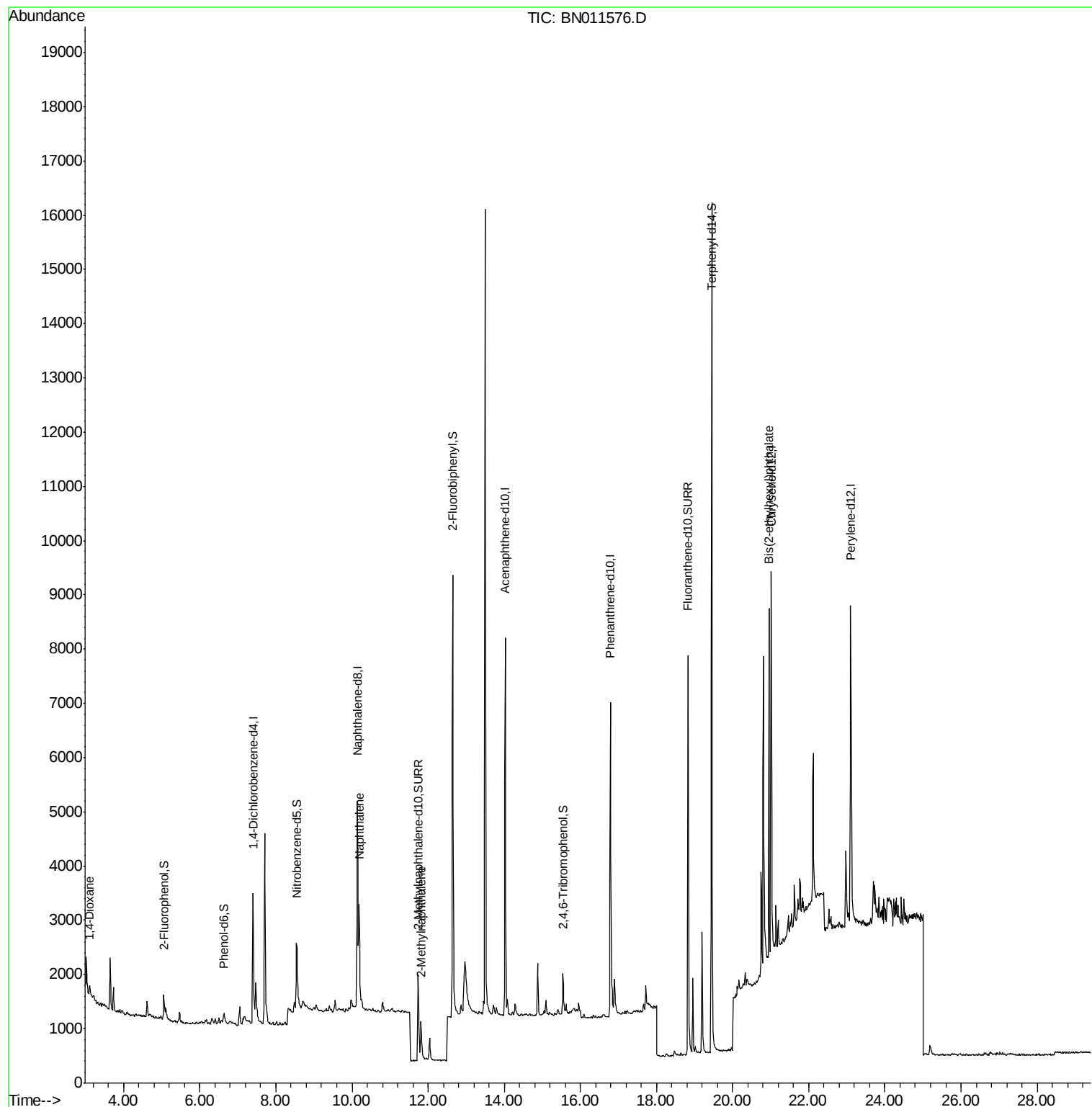
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	233	0.107	ng	# 100
9) Naphthalene	10.19	128	2718	0.146	ng	99
12) 2-Methylnaphthalene	11.81	142	652	0.051	ng	97
34) Bis(2-ethylhexyl)phthalate	20.95	149	6548	0.495	ng	99

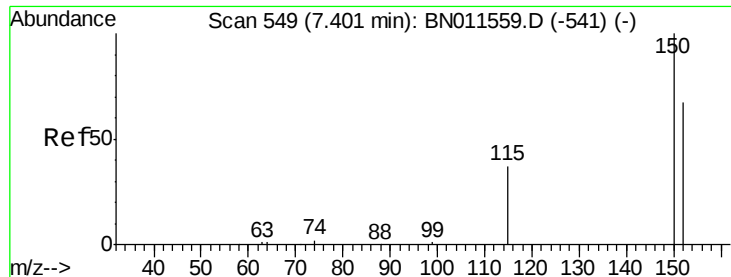
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 549

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

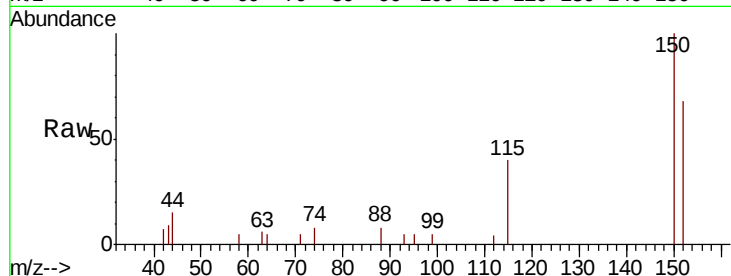
Tot Ion:152 Resp: 1600

Ion Ratio Lower Upper

152 100

150 146.4 117.1 175.7

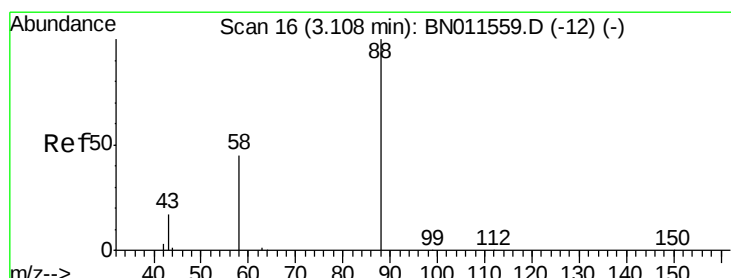
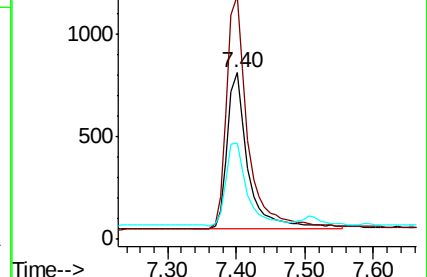
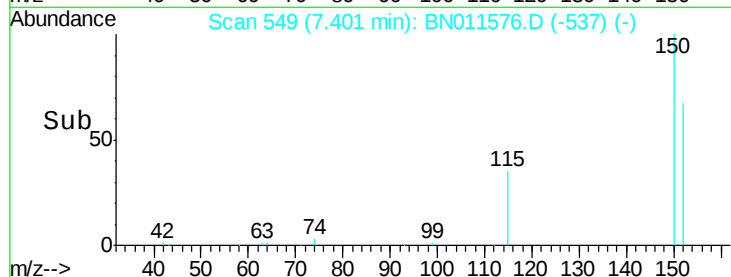
115 58.2 48.7 73.1



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: 0.107 ng

RT: 3.11 min Scan# 16

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

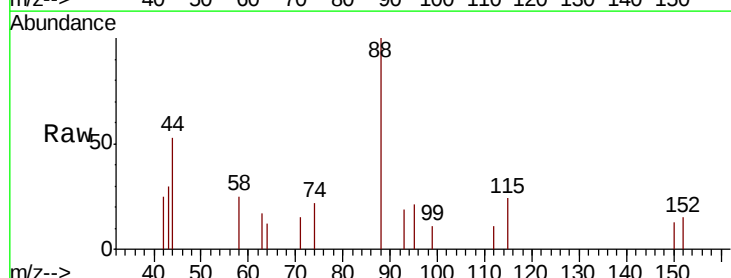
Tgt Ion: 88 Resp: 233

Ion Ratio Lower Upper

88 100

58 40.8 0.0 0.0#

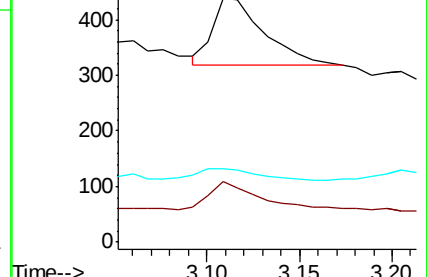
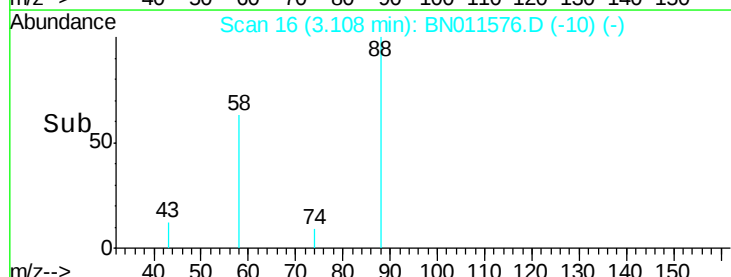
43 21.9 0.0 0.0#

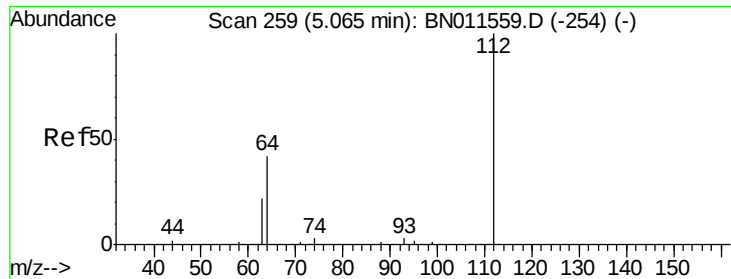


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

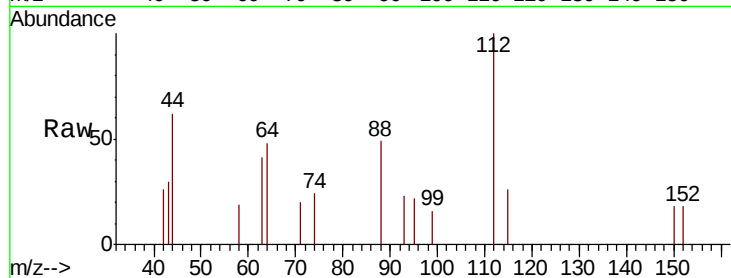
Tot Ion:112 Resp: 629

Ion Ratio Lower Upper

112 100

64 47.2 33.9 50.9

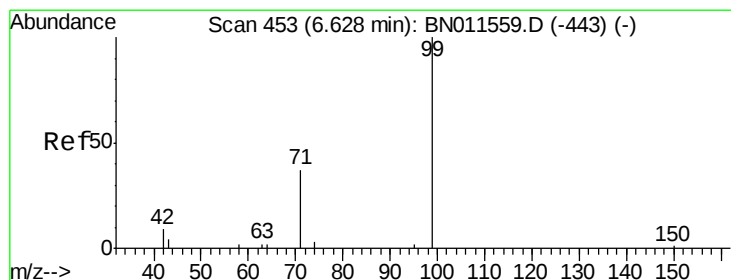
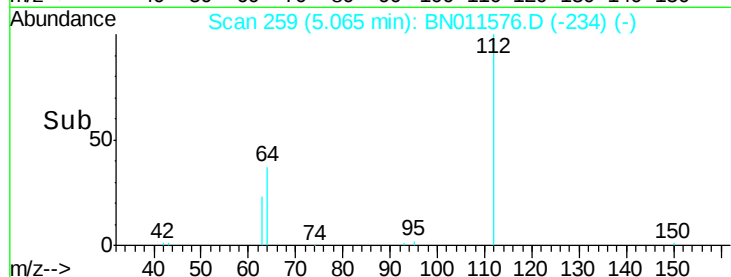
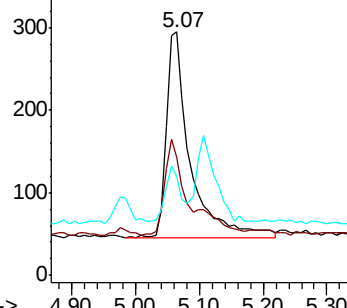
63 18.3 17.7 26.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.088 ng

RT: 6.63 min Scan# 453

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

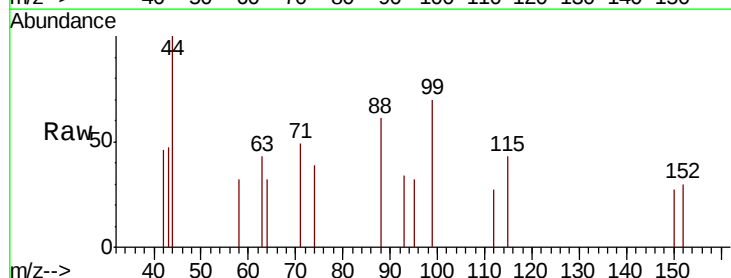
Tgt Ion: 99 Resp: 303

Ion Ratio Lower Upper

99 100

42 20.8 9.0 13.4#

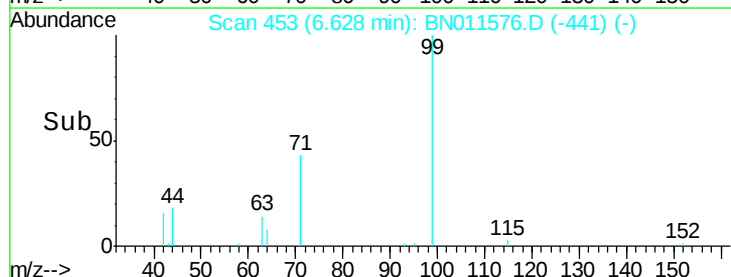
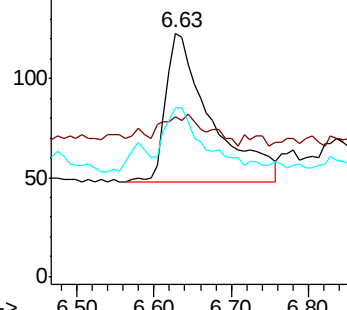
71 36.3 30.4 45.6

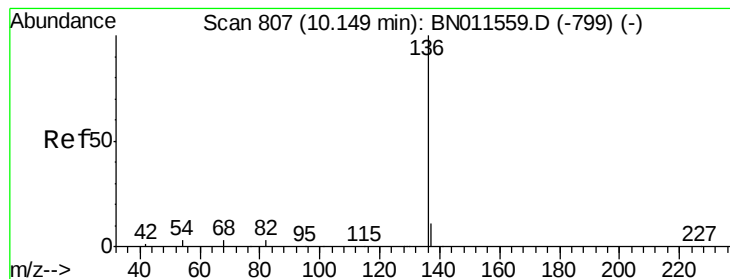


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

Tot Ion:136 Resp: 6403

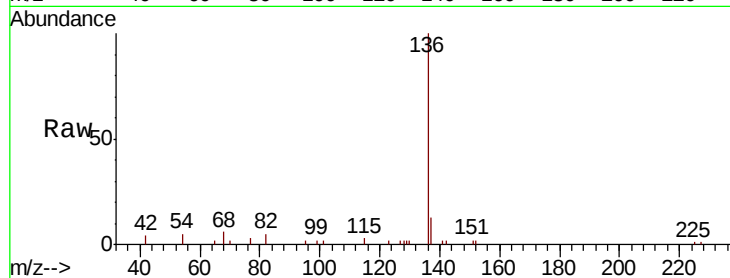
Ion Ratio Lower Upper

136 100

137 12.8 11.0 16.4

54 5.2 4.3 6.5

68 5.8 4.9 7.3

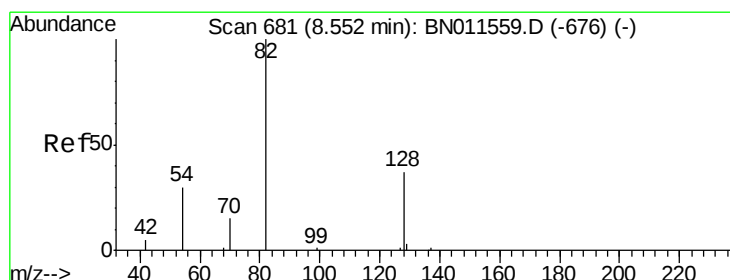
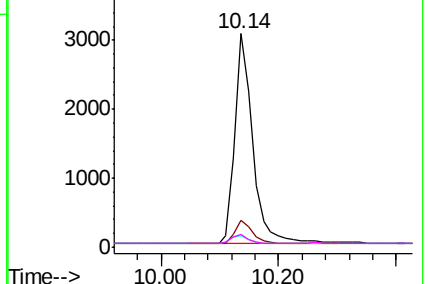
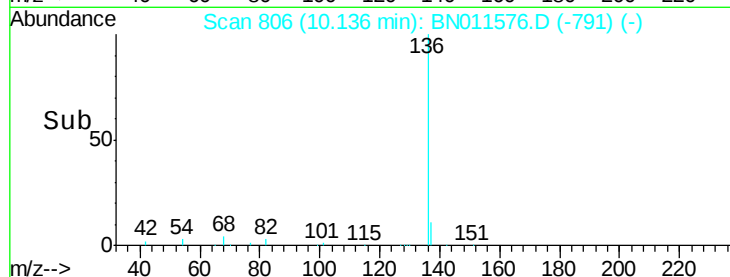


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.466 ng

RT: 8.54 min Scan# 680

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

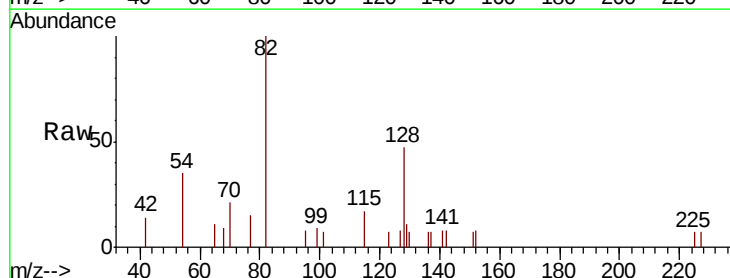
Tgt Ion: 82 Resp: 1961

Ion Ratio Lower Upper

82 100

128 46.5 41.7 62.5

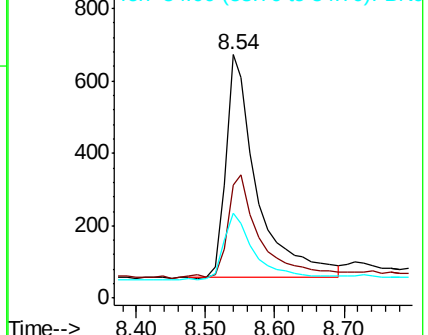
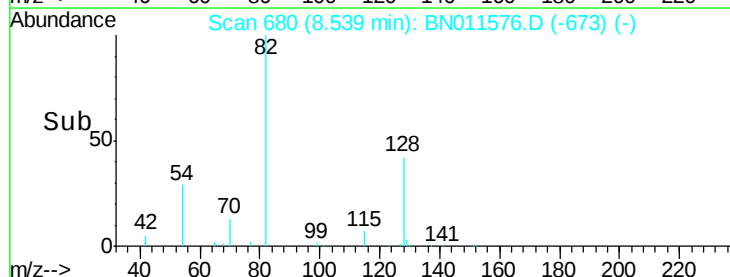
54 34.6 34.4 51.6

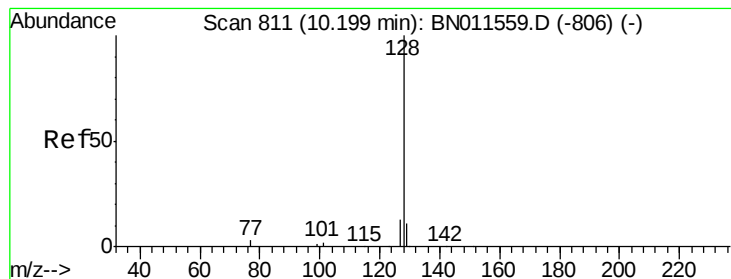


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.146 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

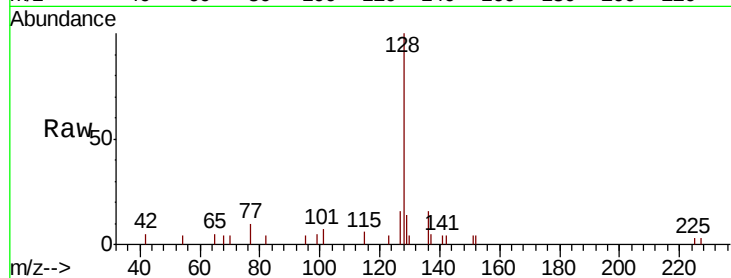
Tot Ion:128 Resp: 2718

Ion Ratio Lower Upper

128 100

129 13.9 10.8 16.2

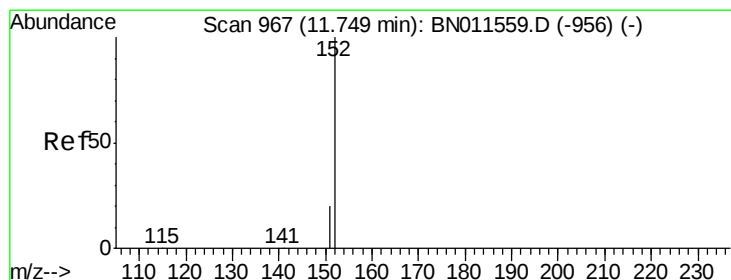
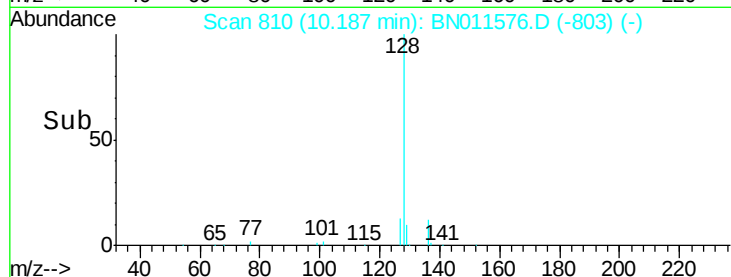
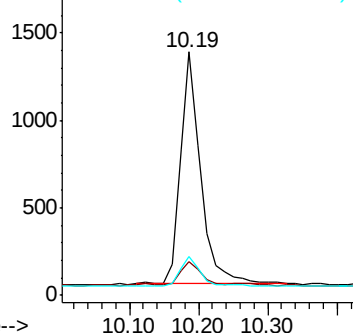
127 16.1 12.3 18.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.251 ng

RT: 11.74 min Scan# 965

Delta R.T. -0.01 min

Lab File: BN011576.D

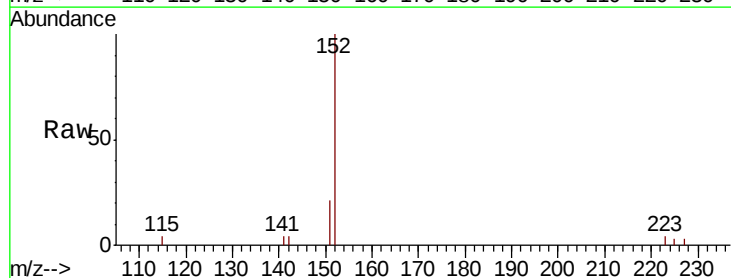
Acq: 22 Aug 2020 07:53

Tgt Ion:152 Resp: 2870

Ion Ratio Lower Upper

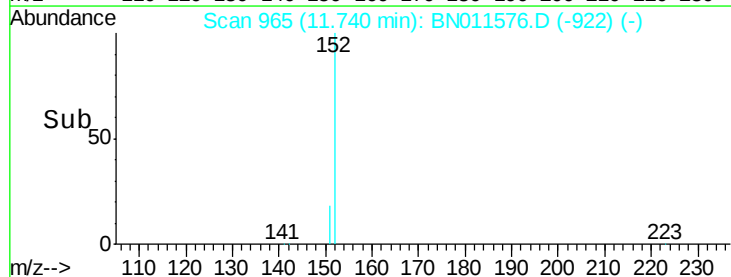
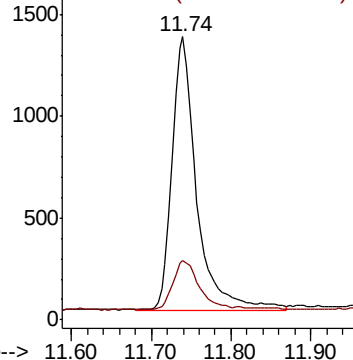
152 100

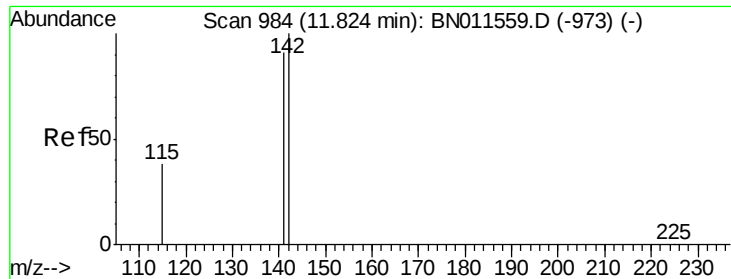
151 19.1 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.051 ng

RT: 11.81 min Scan# 981

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

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ClientSampleId :

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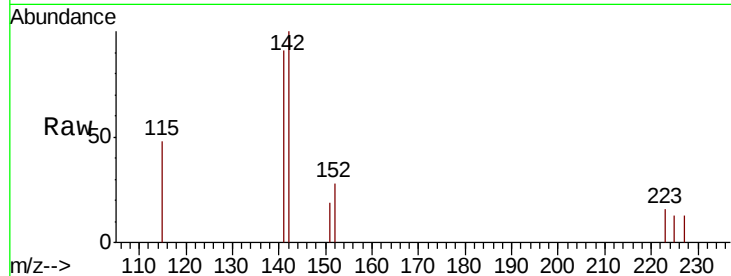
Tot Ion:142 Resp: 652

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.6

115 48.1 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.81

400

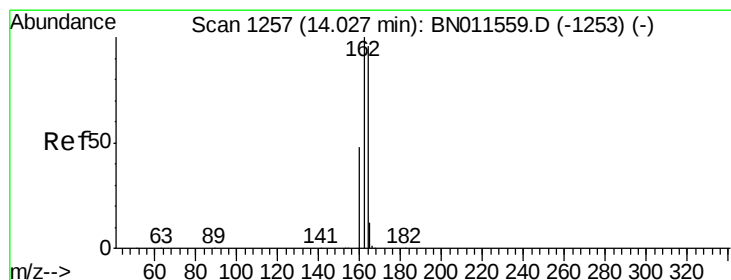
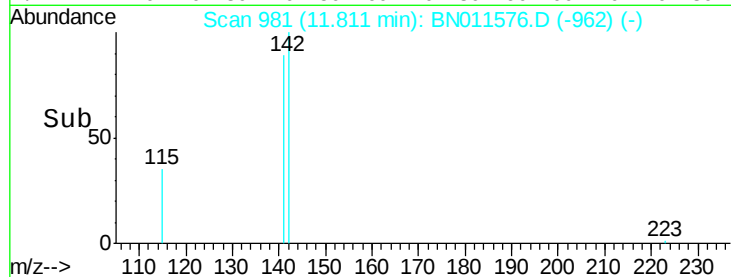
300

200

100

0

Time--> 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

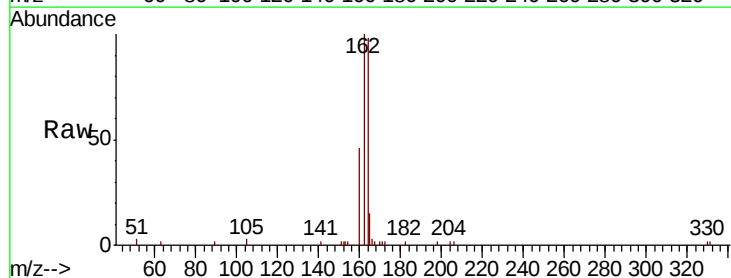
Tgt Ion:164 Resp: 4060

Ion Ratio Lower Upper

164 100

162 101.6 83.7 125.5

160 46.9 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

14.03

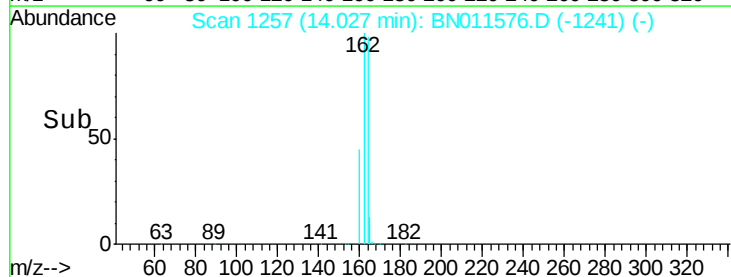
3000

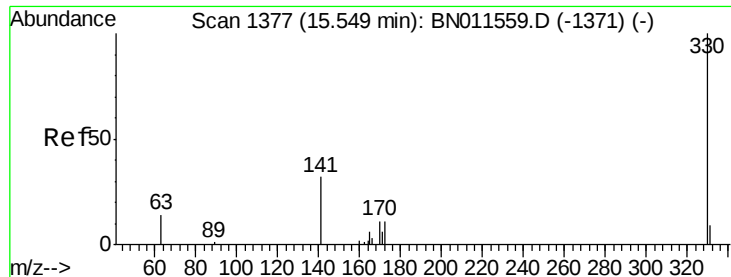
2000

1000

0

Time--> 13.90 14.00 14.10 14.20

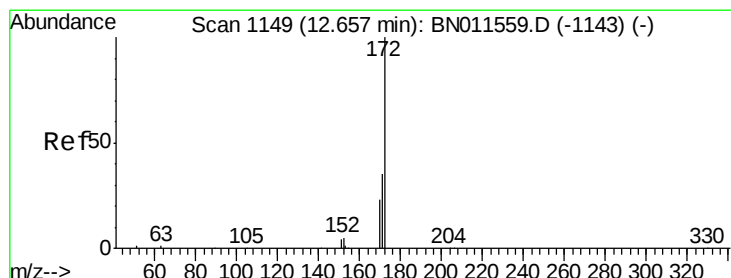
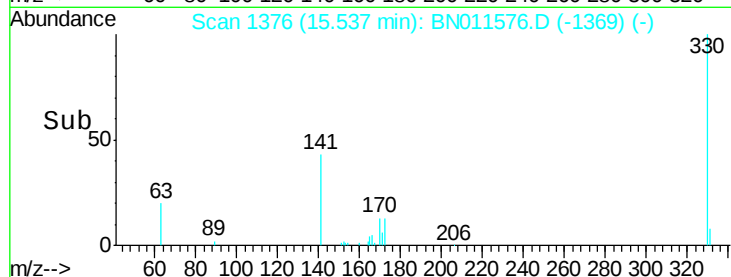
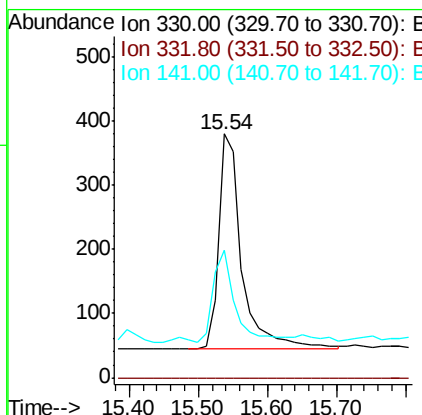
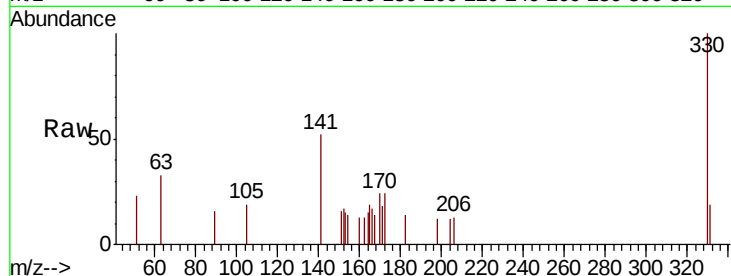




#14
 2,4,6-Tribromophenol
 Concen: 0.385 ng
 RT: 15.54 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BN011576.D
 Acq: 22 Aug 2020 07:53

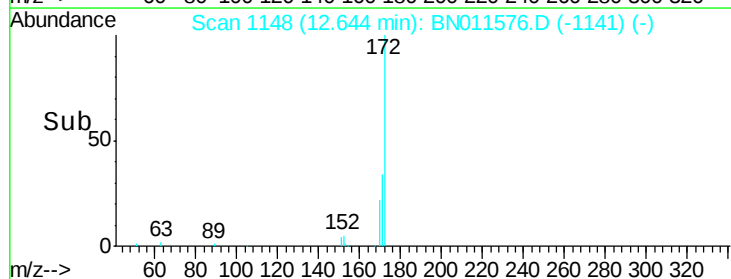
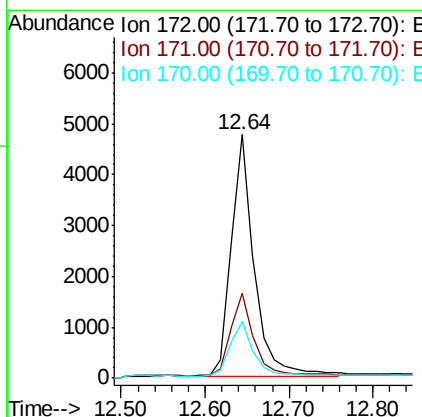
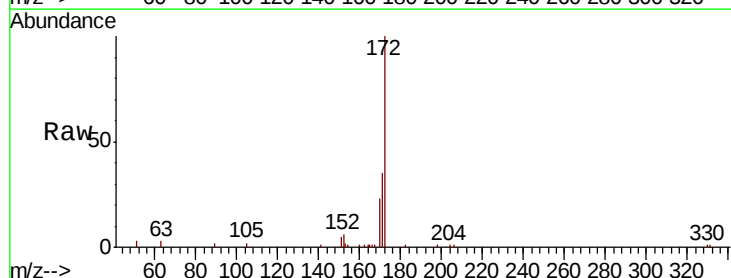
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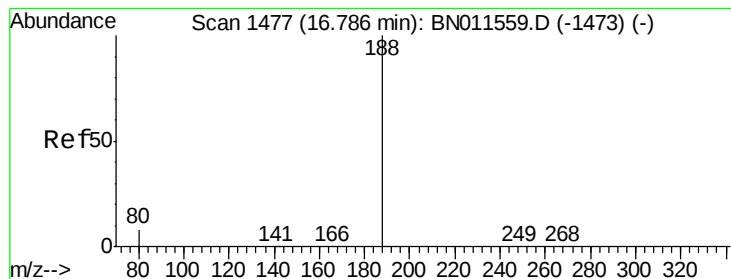
Tot Ion:330 Resp: 778
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.2 34.6 52.0



#15
 2-Fluorobiphenyl
 Concen: 0.539 ng
 RT: 12.64 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BN011576.D
 Acq: 22 Aug 2020 07:53

Tgt Ion:172 Resp: 9003
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.4 44.0
 170 23.2 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

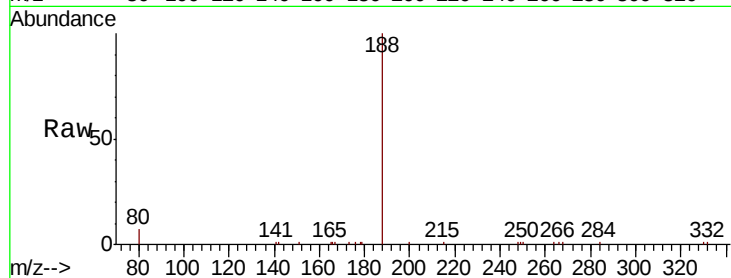
Tot Ion:188 Resp: 8929

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

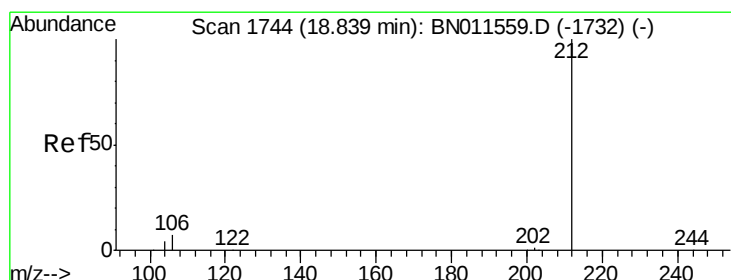
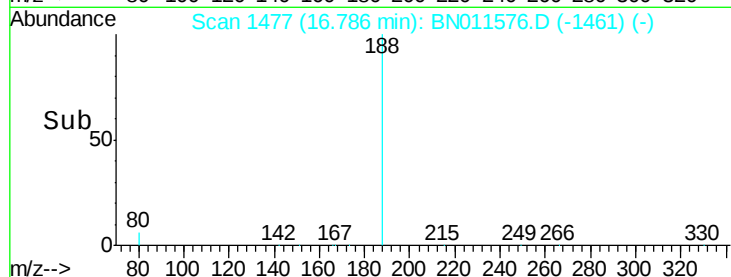
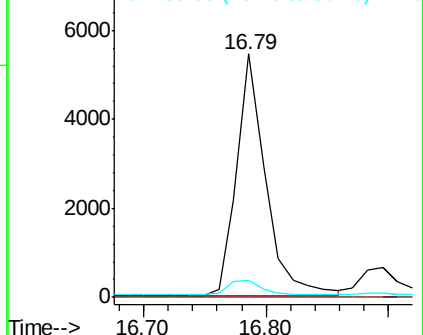
80 7.0 7.6 11.4#



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: 0.329 ng

RT: 18.83 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

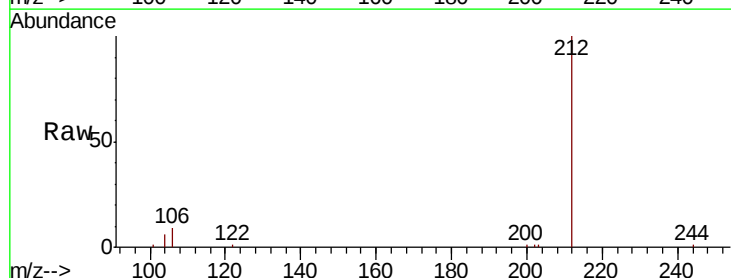
Tgt Ion:212 Resp: 9905

Ion Ratio Lower Upper

212 100

106 8.1 6.2 9.2

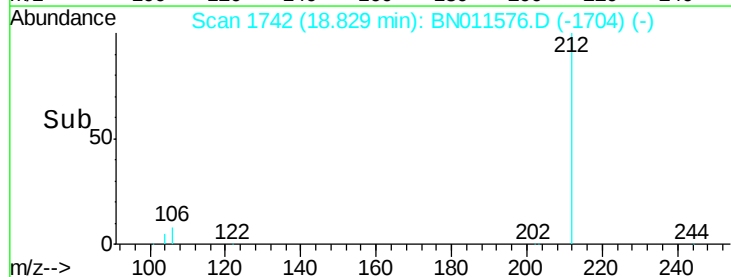
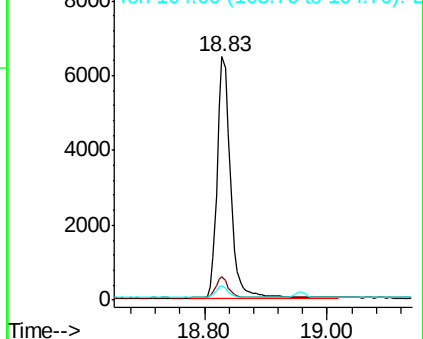
104 5.0 3.8 5.6

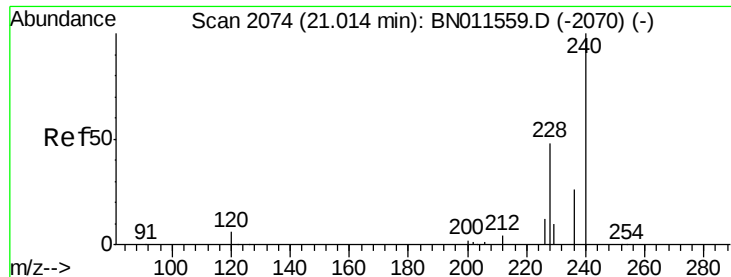


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

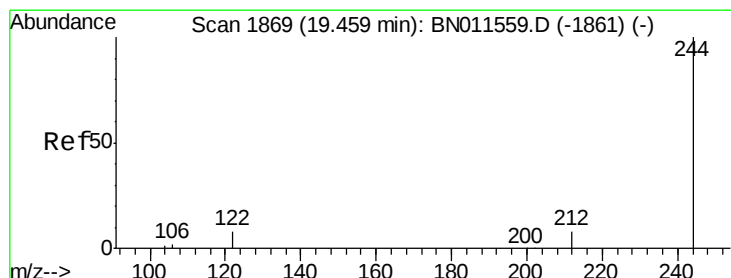
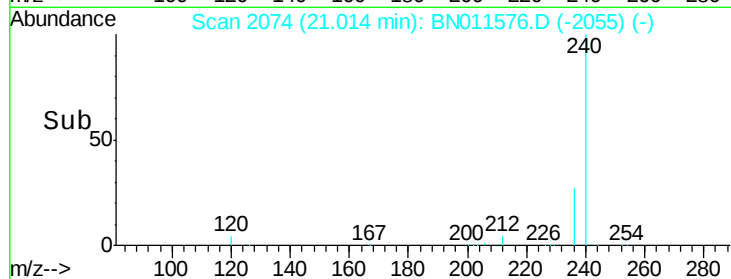
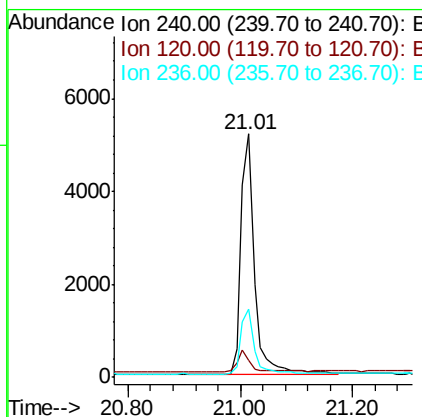
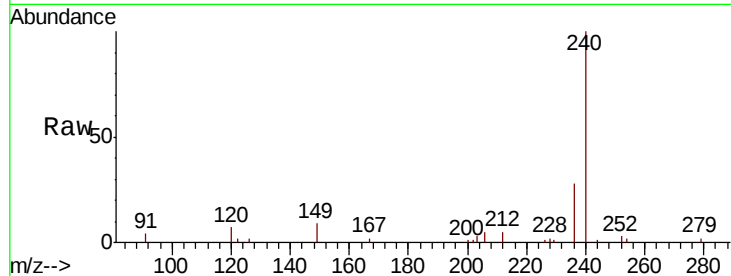




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

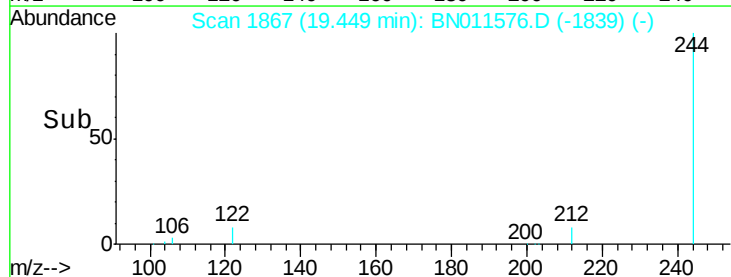
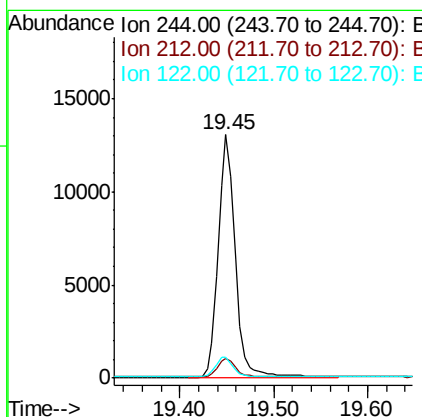
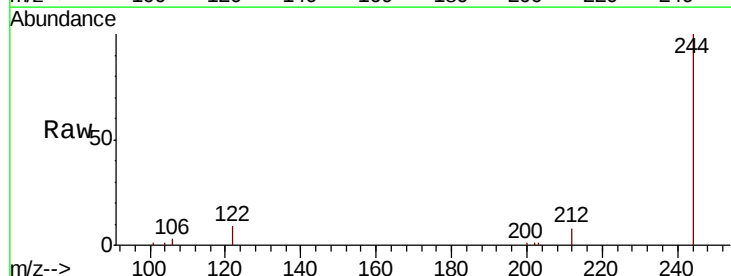
Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

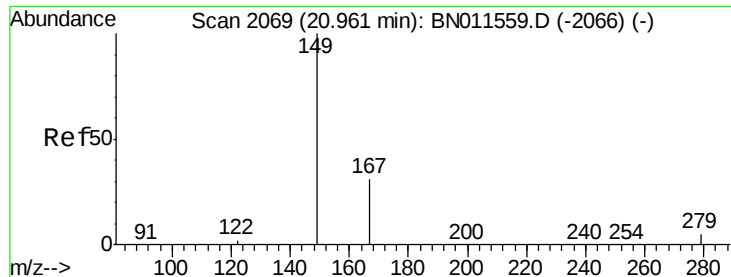
Tot Ion:240 Resp: 8856
Ion Ratio Lower Upper
240 100
120 6.9 7.4 11.0#
236 27.8 22.3 33.5



#31
Terphenyl-d14
Concen: 0.706 ng
RT: 19.45 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion:244 Resp: 16311
Ion Ratio Lower Upper
244 100
212 8.3 8.2 12.4
122 8.7 8.0 12.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.495 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

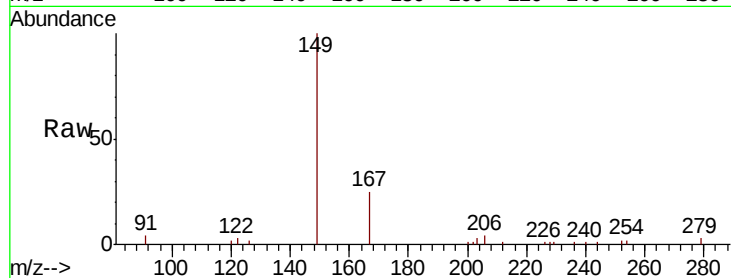
Tot Ion:149 Resp: 6548

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

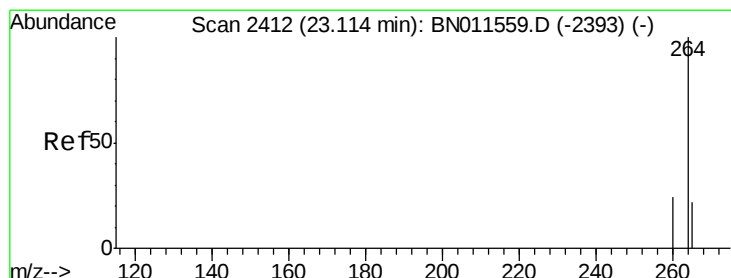
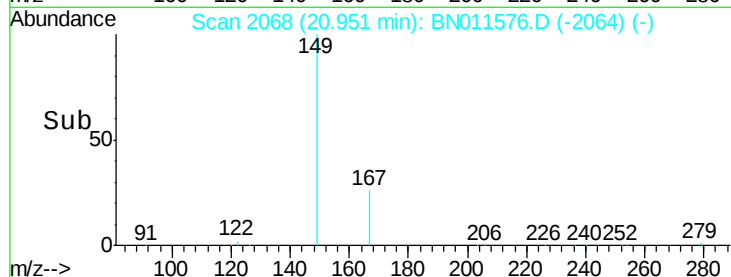
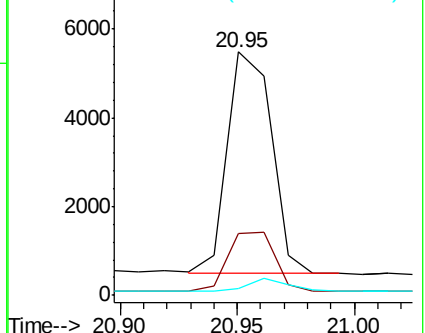
279 4.6 4.2 6.2



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: 23.10 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

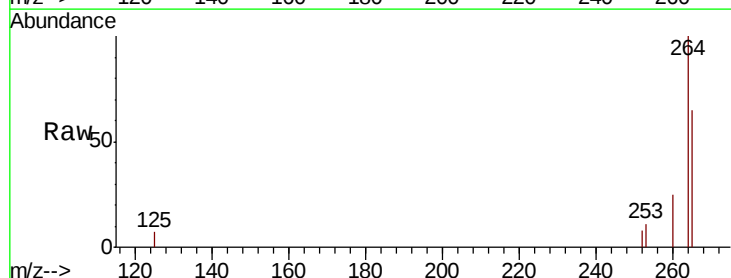
Tgt Ion:264 Resp: 8012

Ion Ratio Lower Upper

264 100

260 24.9 20.3 30.5

265 64.6 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

