

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
 Data File : BN010636.D
 Acq On : 28 Apr 2020 23:03
 Operator : CG/JU
 Sample : L2423-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WB-2-2

Quant Time: May 04 06:51:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3327	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	14603	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	9520	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	21544	0.40	ng	0.00
27) Chrysene-d12	21.16	240	18403	0.40	ng	0.00
34) Perylene-d12	23.32	264	16435	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	910	0.12	ng	0.00
5) Phenol-d6	6.78	99	719	0.08	ng	0.00
8) Nitrobenzene-d5	8.72	82	3343	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	7258	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1535	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	11655	0.34	ng	0.00
25) Fluoranthene-d10	18.99	212	22997	0.35	ng	0.00
29) Terphenyl-d14	19.60	244	23058	0.55	ng	0.00

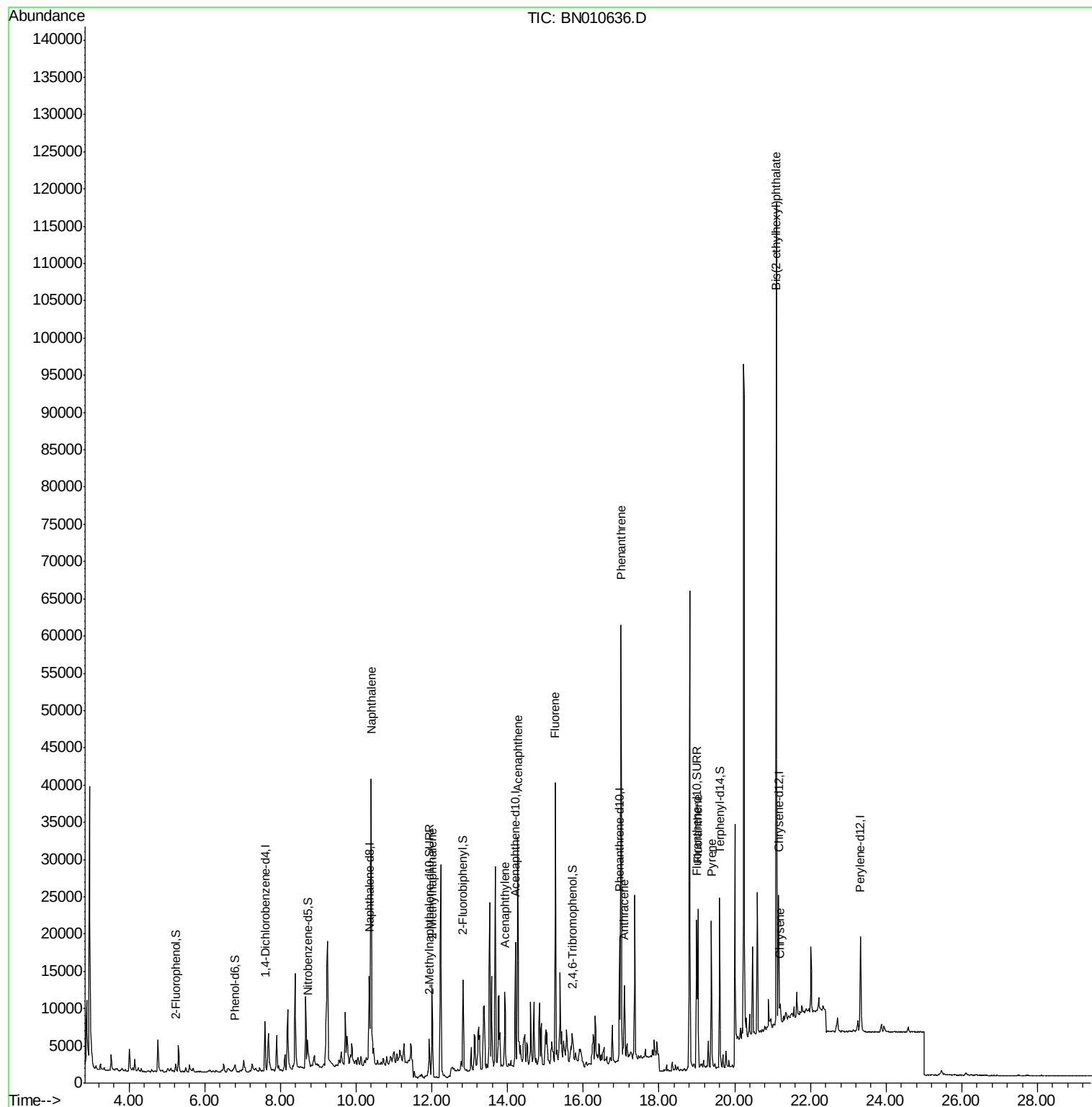
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.39	128	49699	1.370	ng	100
12) 2-Methylnaphthalene	12.01	142	9044	0.347	ng	98
16) Acenaphthylene	13.92	152	4385	0.107	ng	# 67
17) Acenaphthene	14.27	154	14189	0.537	ng	99
18) Fluorene	15.26	166	22087	0.638	ng	98
23) Phenanthrene	17.00	178	57734	0.992	ng	99
24) Anthracene	17.08	178	11217	0.211	ng	# 95
26) Fluoranthene	19.02	202	19095	0.264	ng	100
28) Pyrene	19.39	202	17542	0.283	ng	# 95
31) Chrysene	21.20	228	2342	0.039	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.10	149	84221	2.734	ng	100

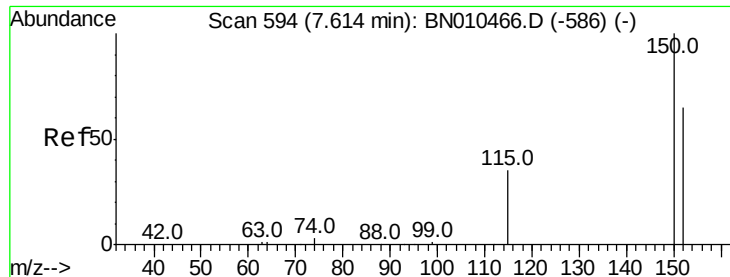
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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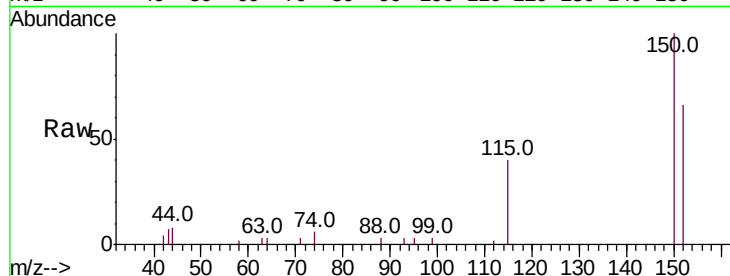


#1

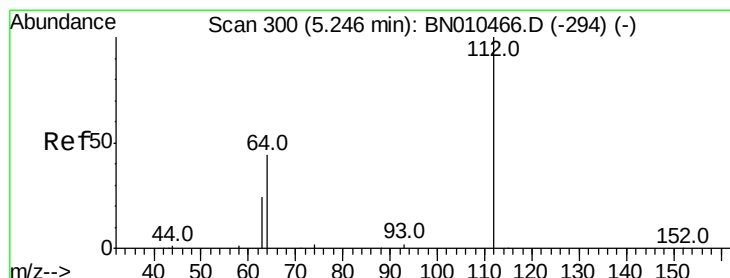
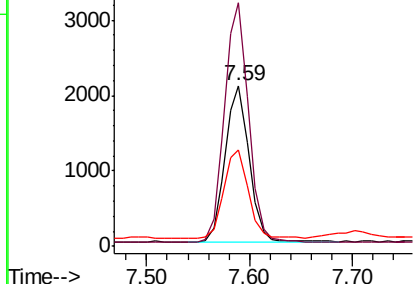
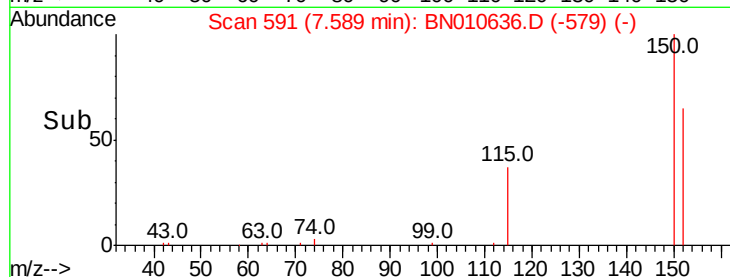
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010636.D
Acq: 28 Apr 2020 23:03

Instrument :
BNA_N
ClientSampleId :
WB-2-2

Tot Ion:152 Resp: 3327
Ion Ratio Lower Upper
152 100
150 151.3 121.8 182.6
115 60.0 45.5 68.3



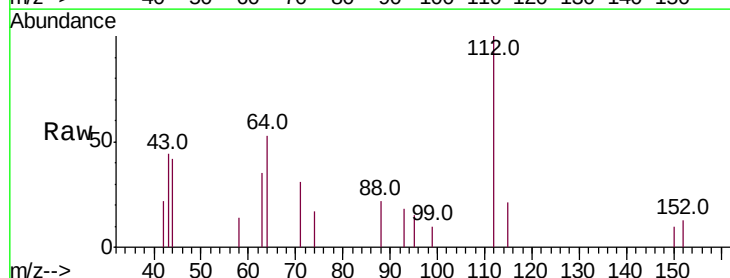
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



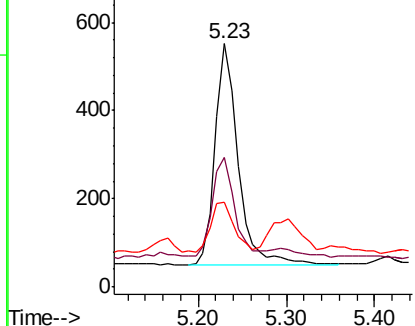
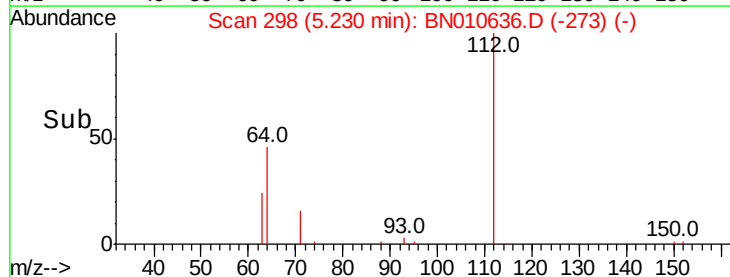
#4

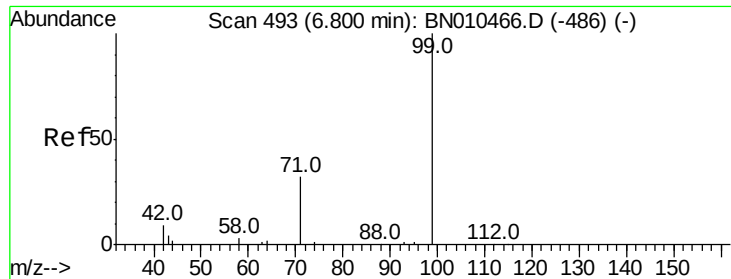
2-Fluorophenol
Concen: 0.125 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN010636.D
Acq: 28 Apr 2020 23:03

Tgt Ion:112 Resp: 910
Ion Ratio Lower Upper
112 100
64 43.3 35.8 53.8
63 23.0 19.9 29.9



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: 0.076 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

Instrument :

BNA_N

ClientSampleId :

WB-2-2

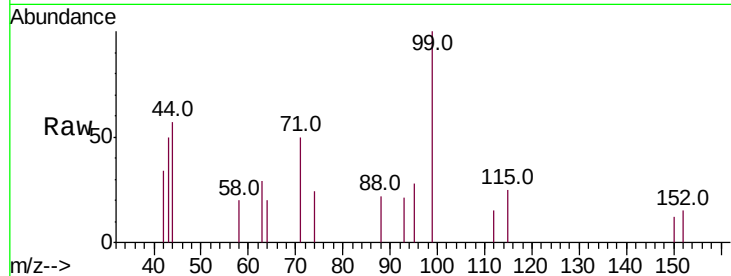
Tot Ion: 99 Resp: 719

Ion Ratio Lower Upper

99 100

42 25.0 9.8 14.6#

71 39.6 27.8 41.8

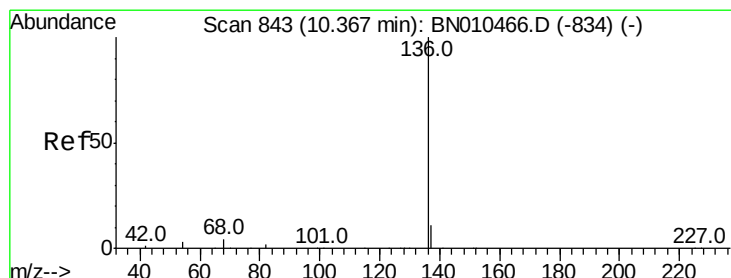
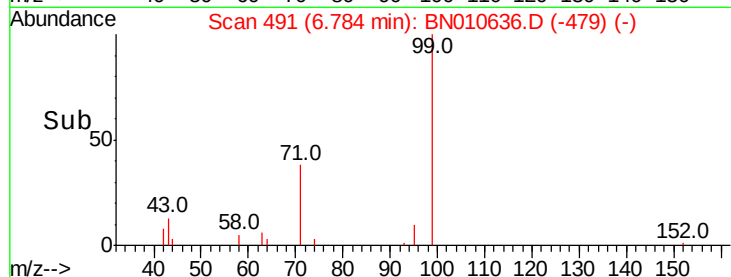


Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

Tgt Ion: 136 Resp: 14603

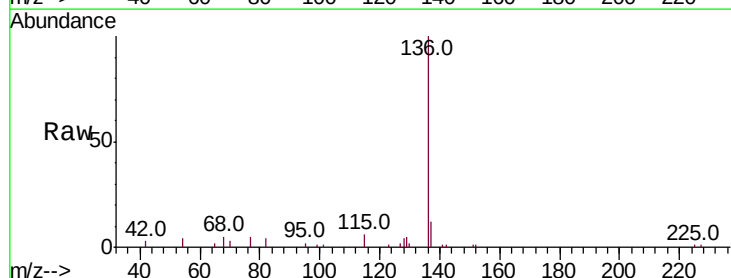
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 3.9 2.6 4.0

68 5.0 3.4 5.2



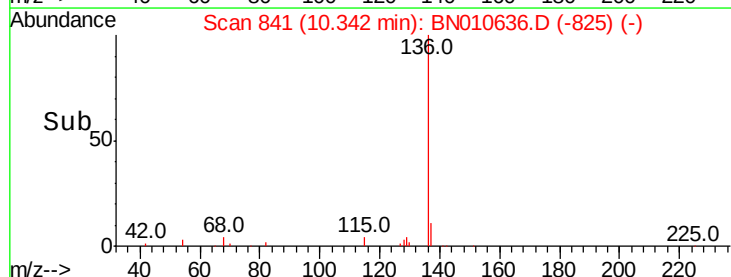
Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

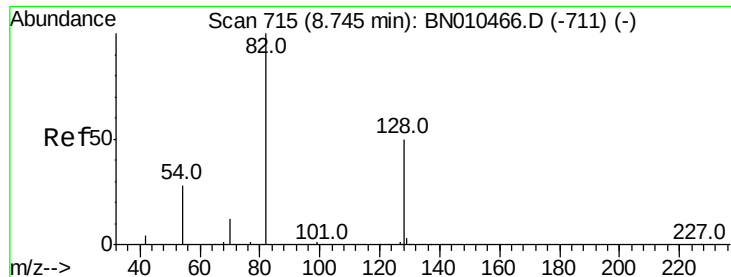
Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.327 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

Instrument :

BNA_N

ClientSampleId :

WB-2-2

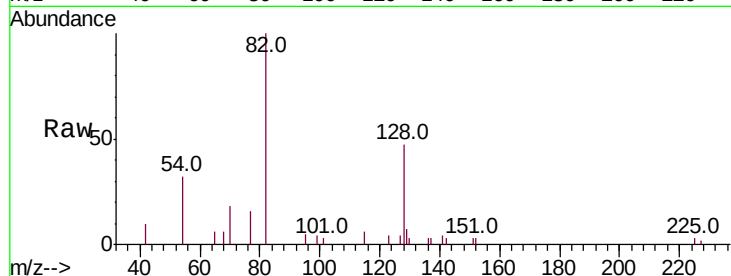
Tot Ion: 82 Resp: 3343

Ion Ratio Lower Upper

82 100

128 46.8 41.3 61.9

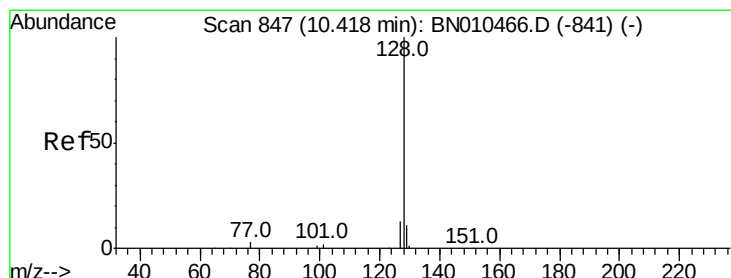
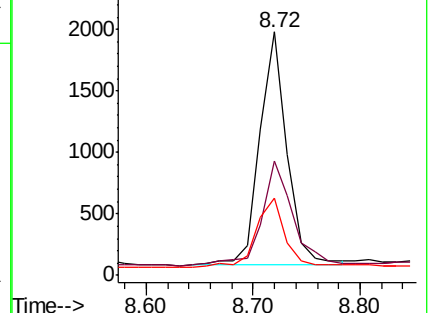
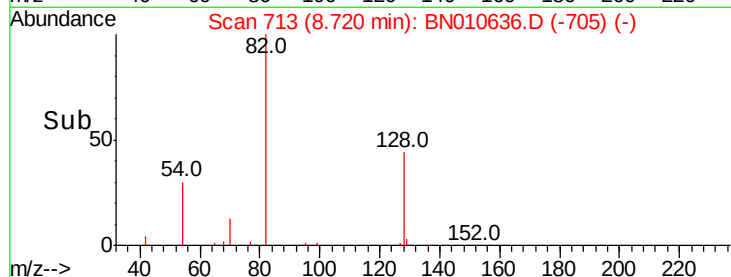
54 31.7 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)



#9

Naphthalene

Concen: 1.370 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

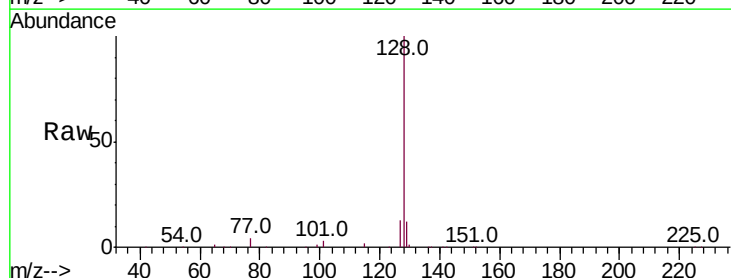
Tgt Ion: 128 Resp: 49699

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

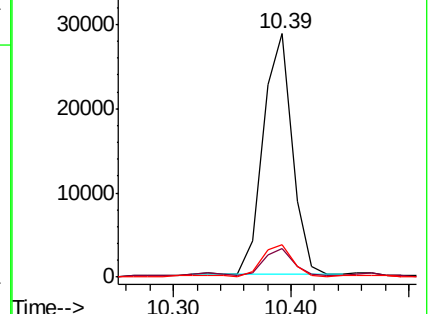
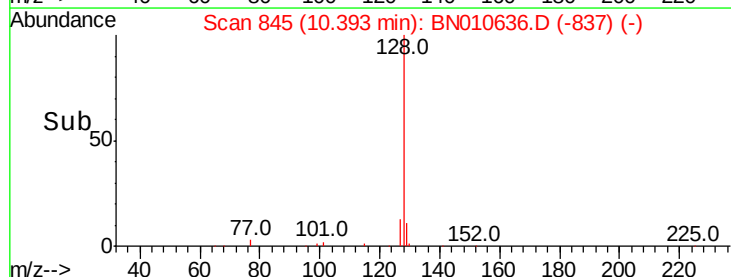
127 13.1 10.5 15.7

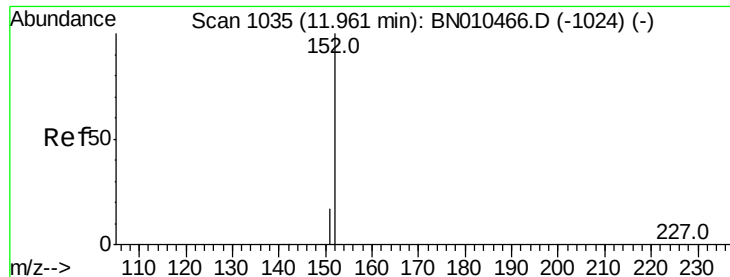


Abundance Ion 128.00 (127.70 to 128.70): BN010466.D (-841) (-)

Ion 129.00 (128.70 to 129.70): BN010466.D (-841) (-)

Ion 127.00 (126.70 to 127.70): BN010466.D (-841) (-)

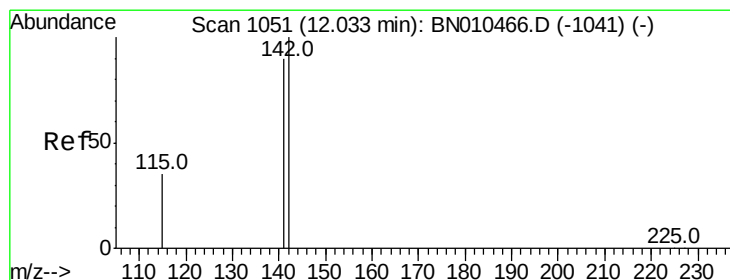
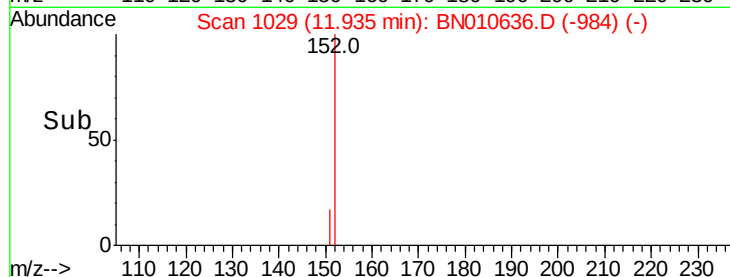
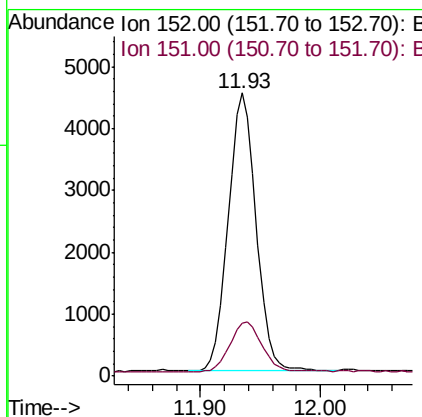
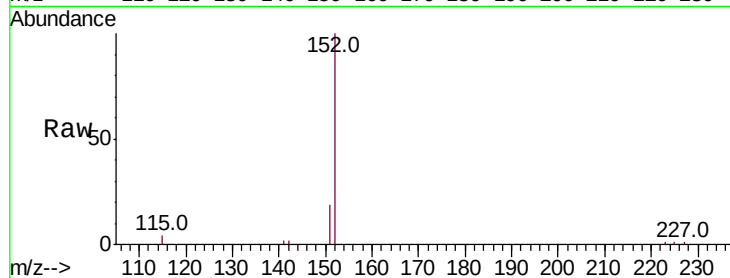




#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 11.93 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN010636.D
Acq: 28 Apr 2020 23:03

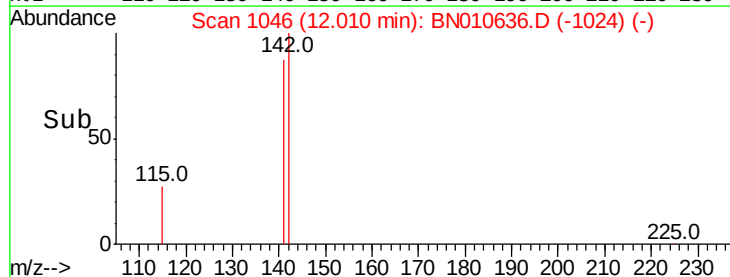
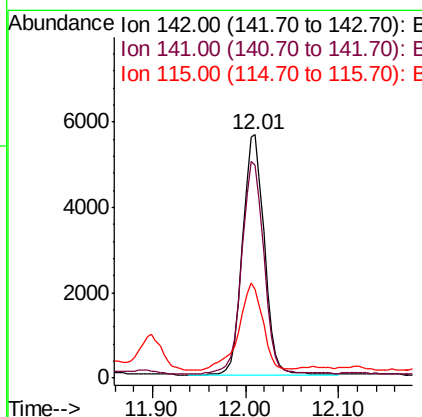
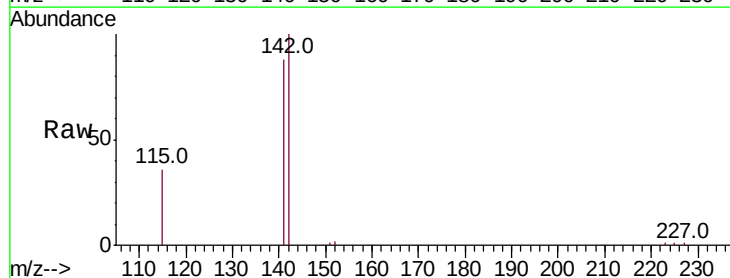
Instrument :
BNA_N
ClientSampleId :
WB-2-2

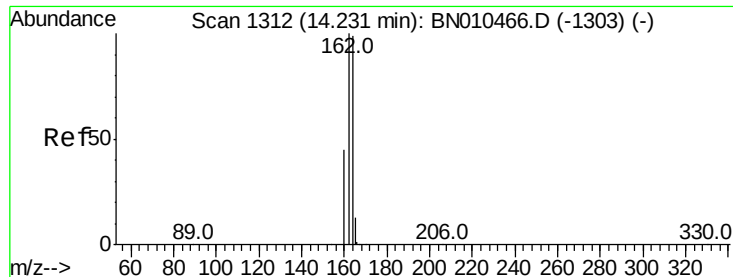
Tot Ion:152 Resp: 7258
Ion Ratio Lower Upper
152 100
151 20.9 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.01 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN010636.D
Acq: 28 Apr 2020 23:03

Tgt Ion:142 Resp: 9044
Ion Ratio Lower Upper
142 100
141 87.6 71.9 107.9
115 36.4 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

Instrument :

BNA_N

ClientSampleId :

WB-2-2

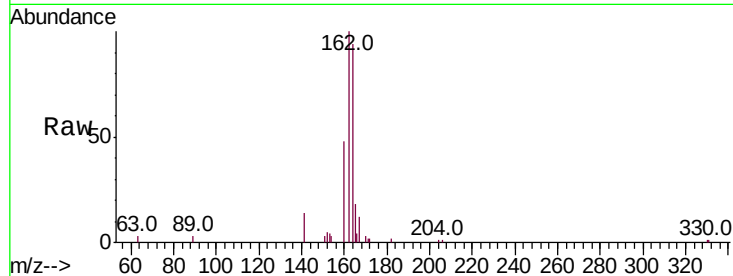
Tot Ion:164 Resp: 9520

Ion Ratio Lower Upper

164 100

162 106.2 80.6 121.0

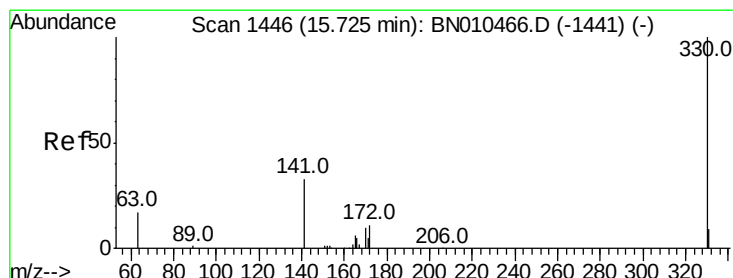
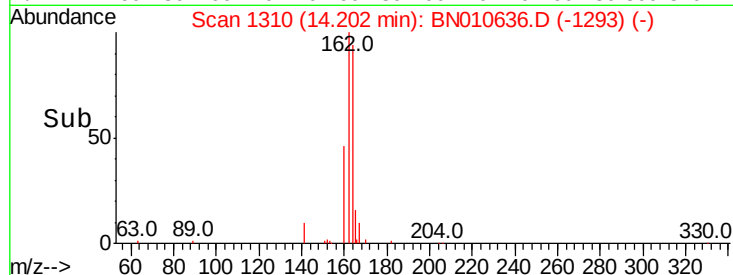
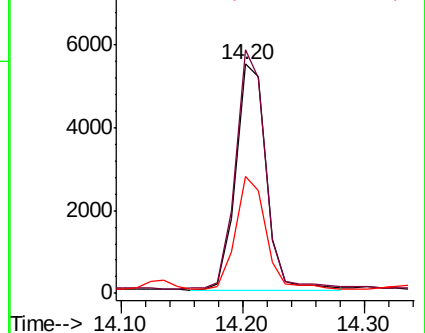
160 50.8 36.5 54.7



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: 0.342 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

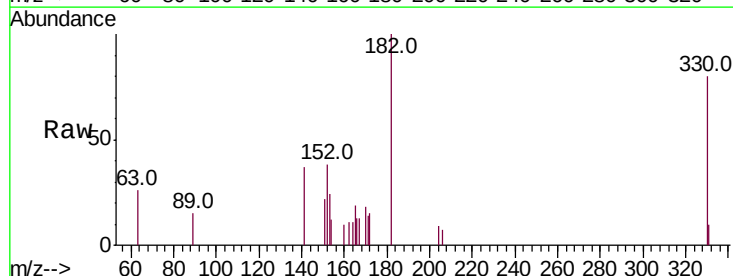
Tgt Ion:330 Resp: 1535

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

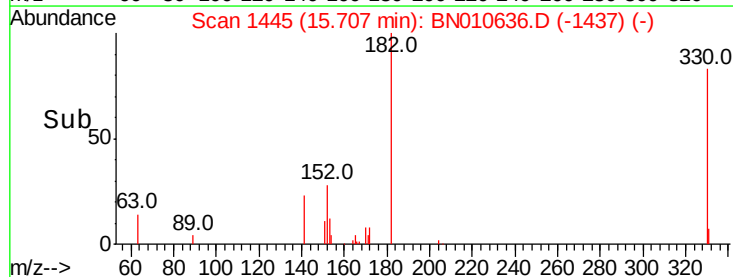
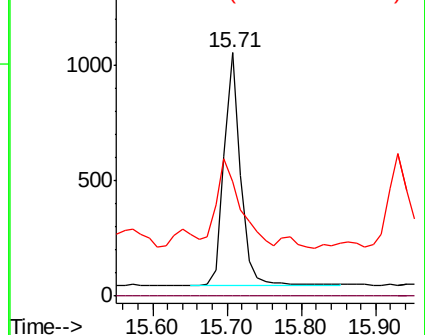
141 52.5 28.1 42.1#

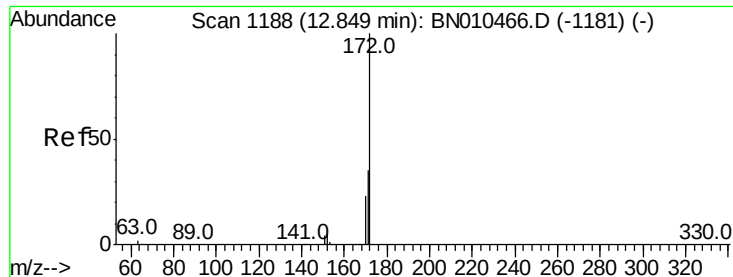


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

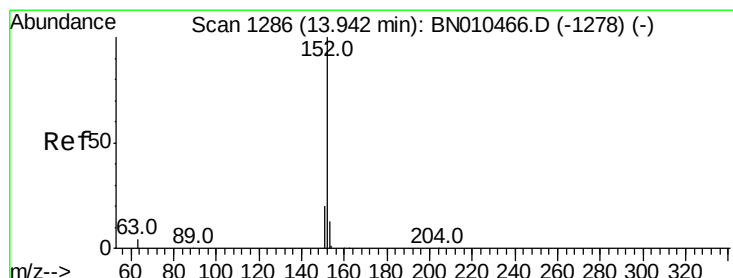
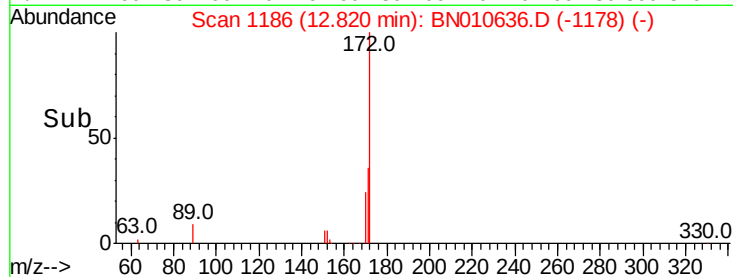
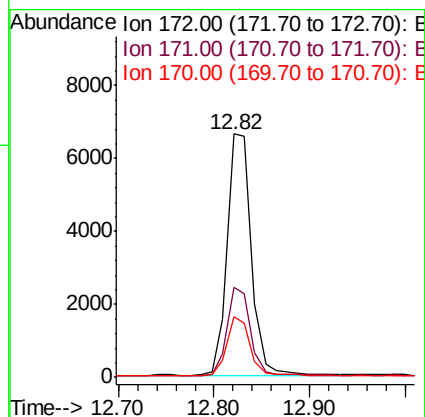
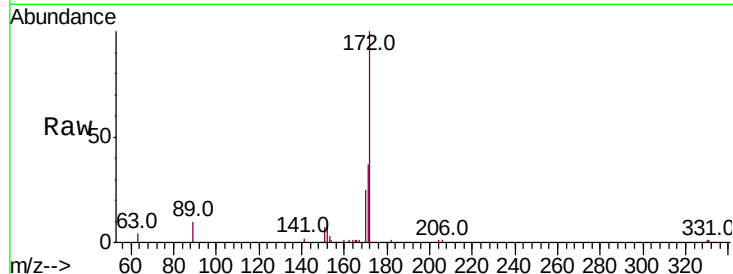




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.82 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BN010636.D
Acq: 28 Apr 2020 23:03

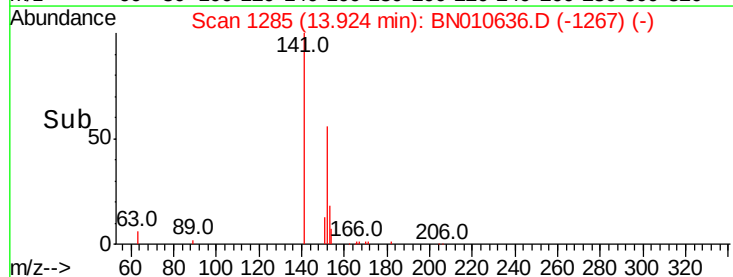
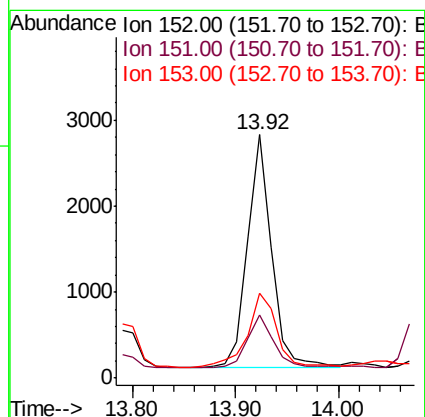
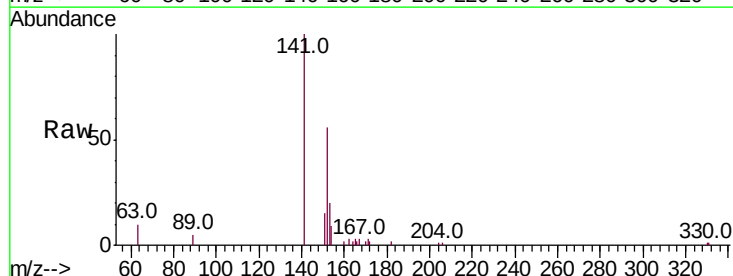
Instrument :
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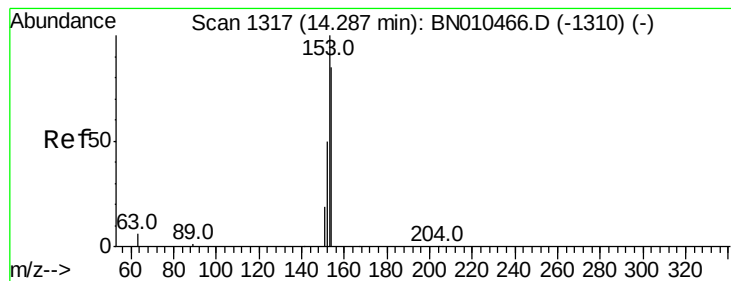
Tot Ion:172 Resp: 11655
Ion Ratio Lower Upper
172 100
171 36.7 28.2 42.2
170 25.0 18.4 27.6



#16
Acenaphthylene
Concen: 0.107 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN010636.D
Acq: 28 Apr 2020 23:03

Tgt Ion:152 Resp: 4385
Ion Ratio Lower Upper
152 100
151 25.5 15.7 23.5#
153 38.7 10.6 15.8#





#17

Acenaphthene

Concen: 0.537 ng

RT: 14.27 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

Instrument :

BNA_N

ClientSampleId :

WB-2-2

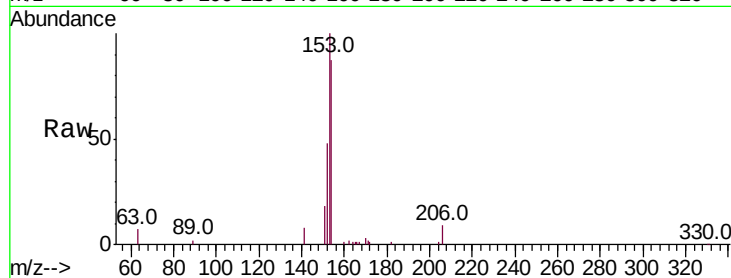
Tot Ion:154 Resp: 14189

Ion Ratio Lower Upper

154 100

153 115.2 91.0 136.4

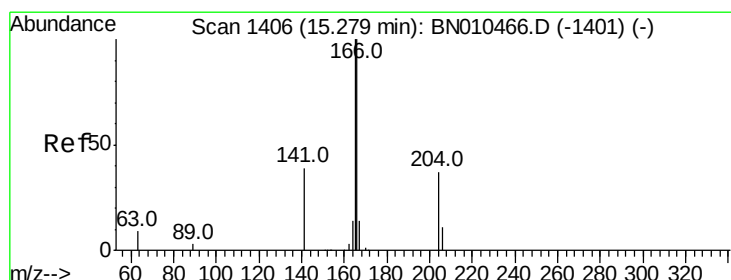
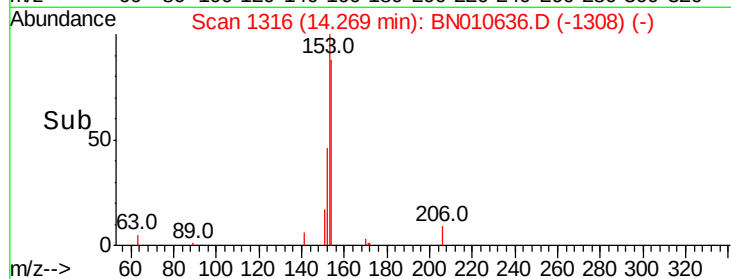
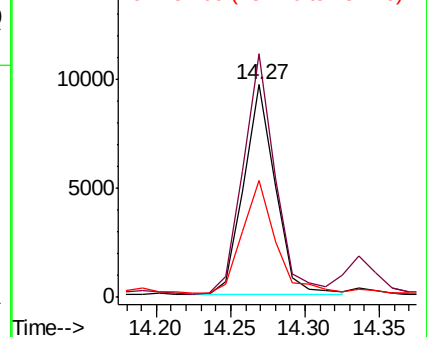
152 55.5 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.638 ng

RT: 15.26 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

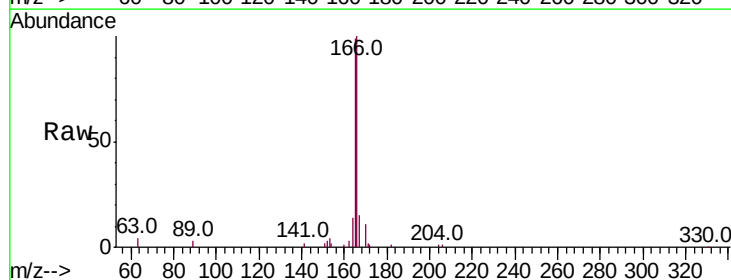
Tgt Ion:166 Resp: 22087

Ion Ratio Lower Upper

166 100

165 96.6 78.4 117.6

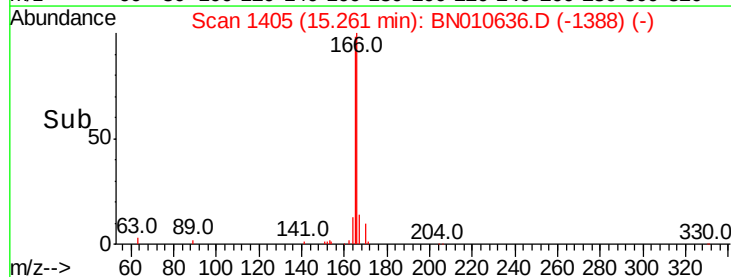
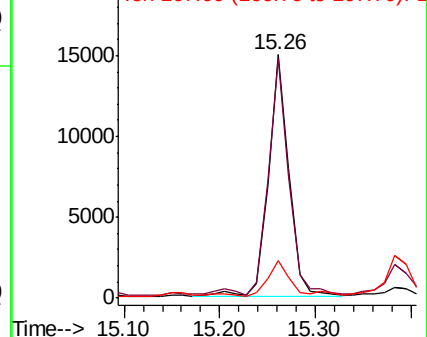
167 15.1 10.9 16.3

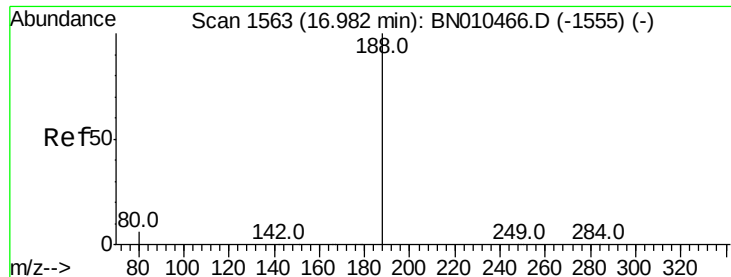


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

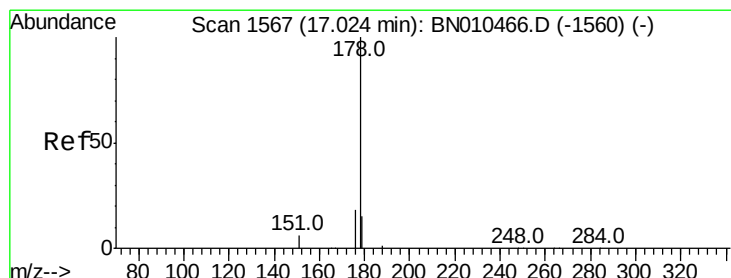
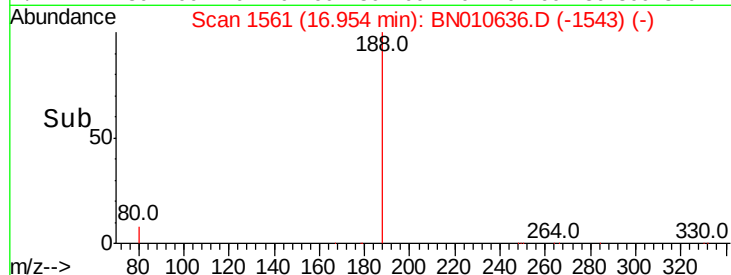
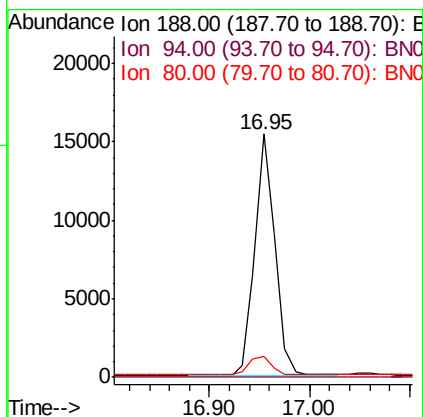
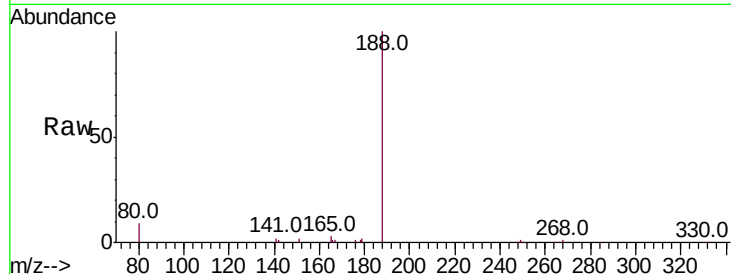




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010636.D
Acq: 28 Apr 2020 23:03

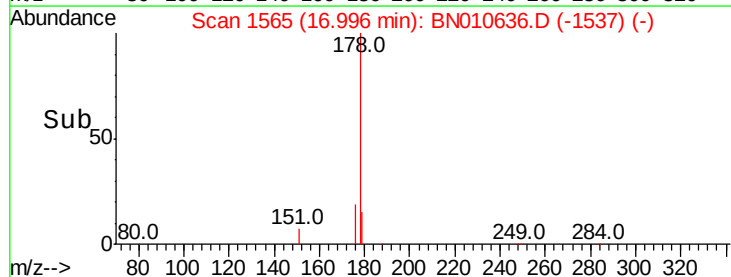
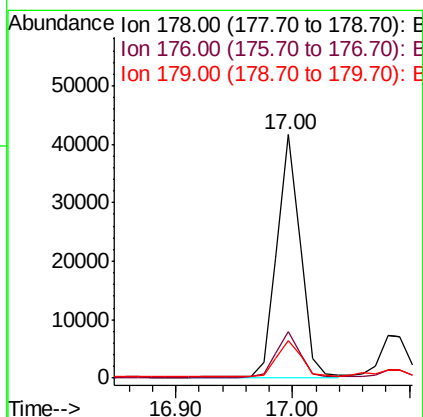
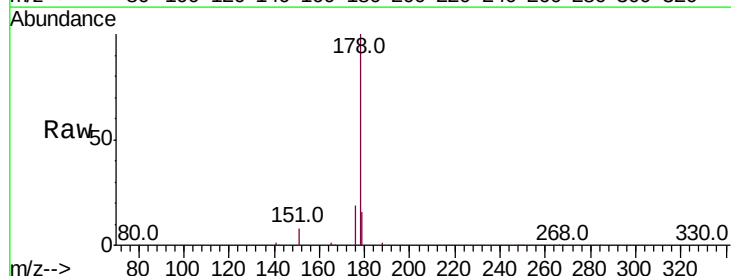
Instrument :
BNA_N
ClientSampleId :
WB-2-2

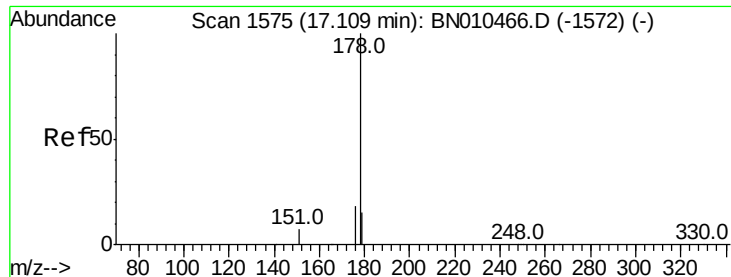
Tot Ion:188 Resp: 21544
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 5.0 7.6#



#23
Phenanthrene
Concen: 0.992 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN010636.D
Acq: 28 Apr 2020 23:03

Tgt Ion:178 Resp: 57734
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 16.2 12.6 18.8





#24

Anthracene

Concen: 0.211 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

Instrument :

BNA_N

ClientSampleId :

WB-2-2

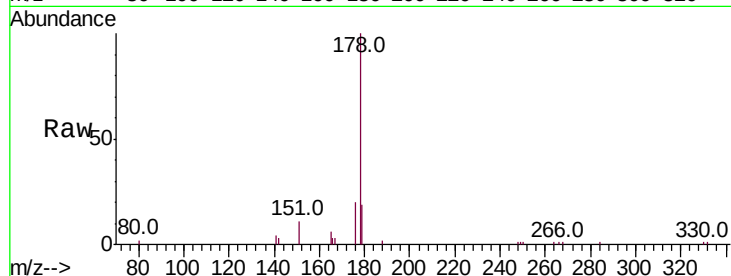
Tot Ion:178 Resp: 11217

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

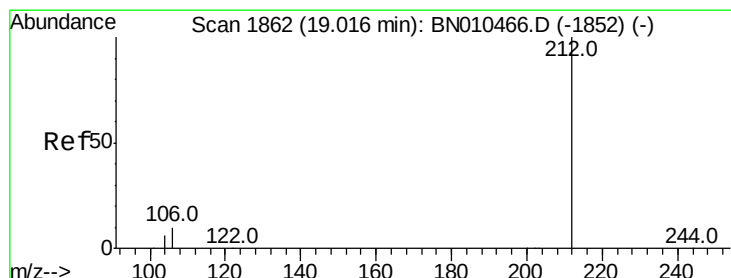
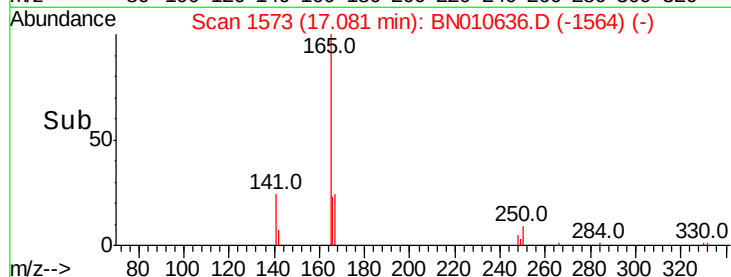
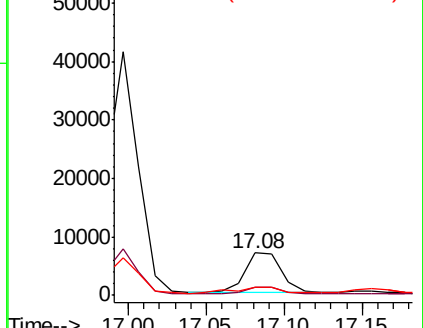
179 19.0 12.2 18.2#



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



#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

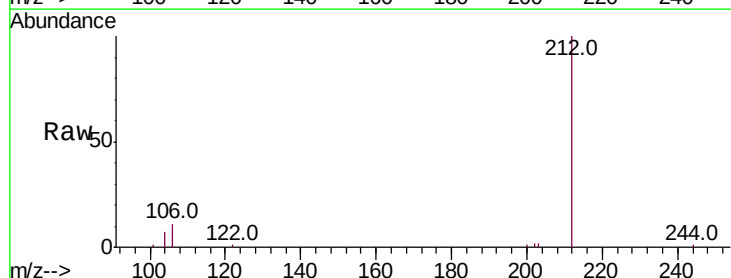
Tgt Ion:212 Resp: 22997

Ion Ratio Lower Upper

212 100

106 10.8 7.8 11.6

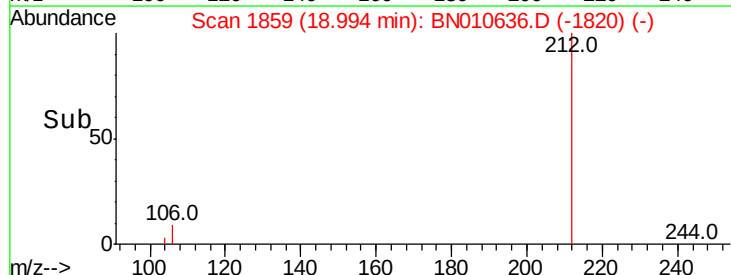
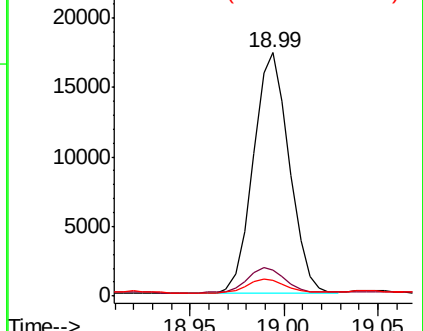
104 6.0 4.5 6.7

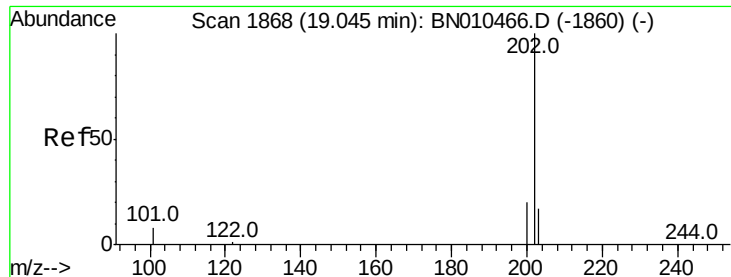


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

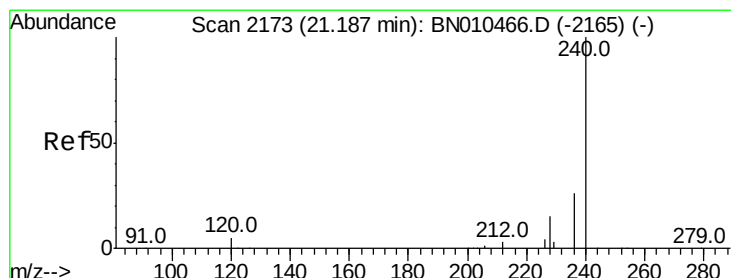
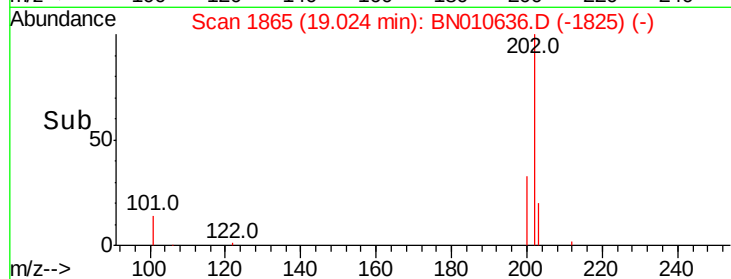
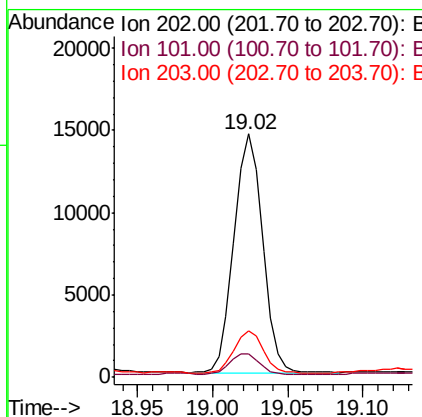
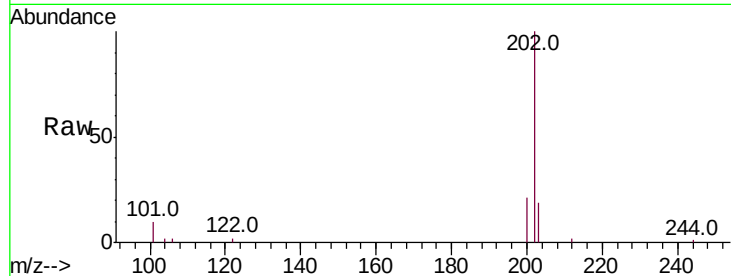




#26
Fluoranthene
Concen: 0.264 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN010636.D
Acq: 28 Apr 2020 23:03

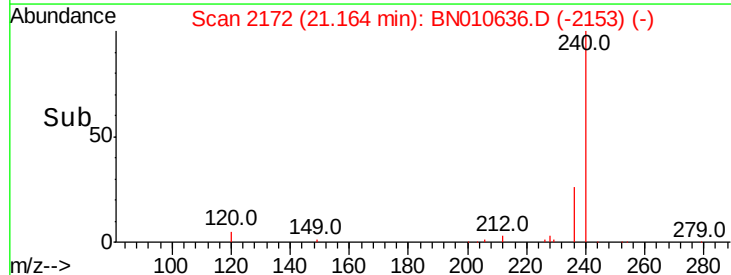
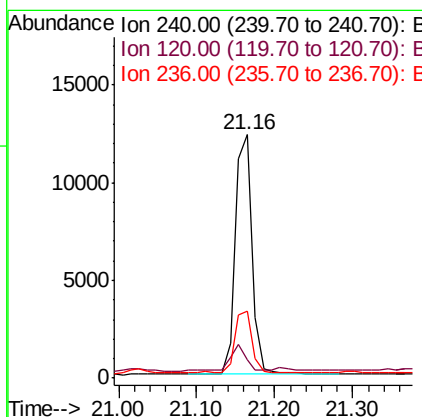
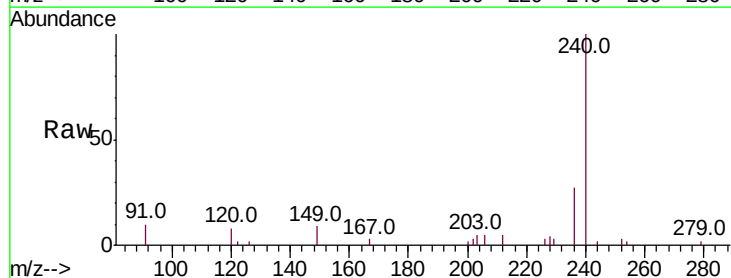
Instrument :
BNA_N
ClientSampleId :
WB-2-2

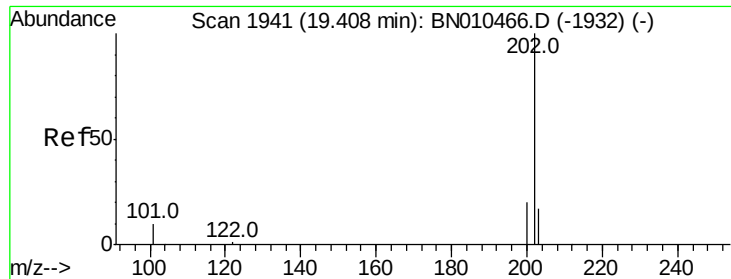
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
203	17.6	13.9	20.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010636.D
Acq: 28 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	4.8	7.2#
236	27.4	21.4	32.0





#28

Pvrene

Concen: 0.283 ng

RT: 19.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

Instrument :

BNA_N

ClientSampleId :

WB-2-2

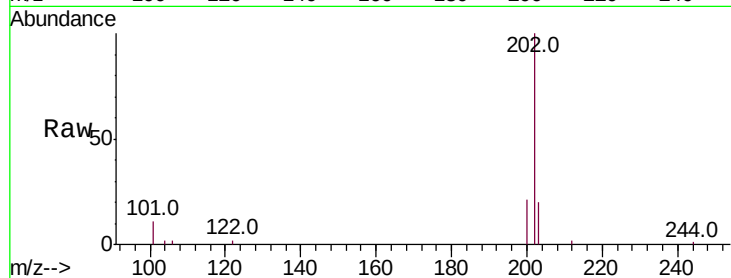
Tot Ion:202 Resp: 17542

Ion Ratio Lower Upper

202 100

200 20.8 16.3 24.5

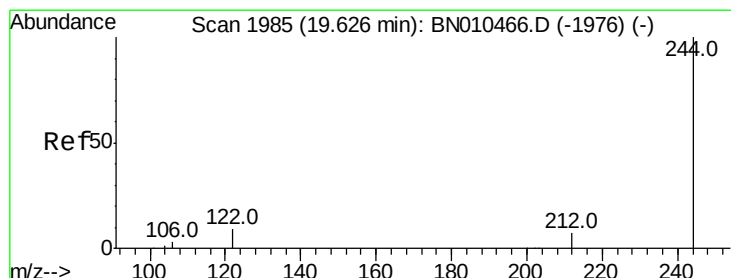
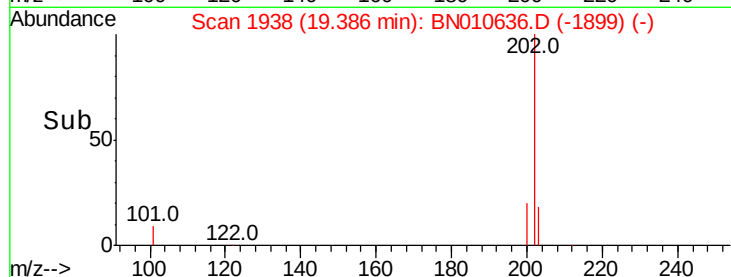
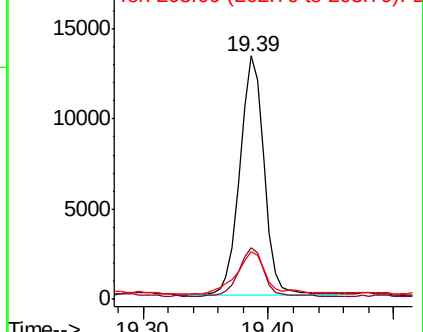
203 21.4 14.0 21.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.547 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

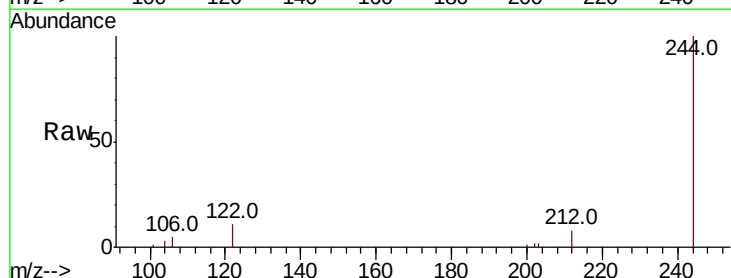
Tgt Ion:244 Resp: 23058

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

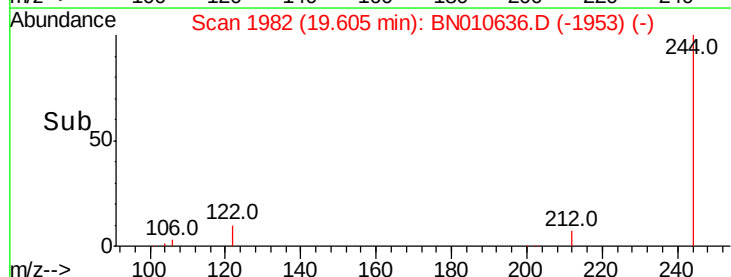
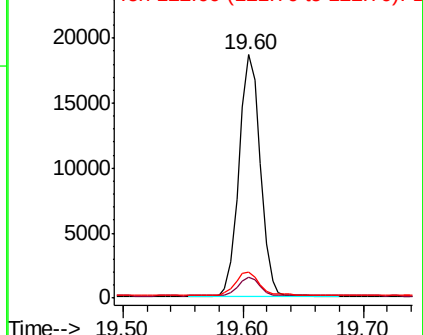
122 10.8 7.8 11.8

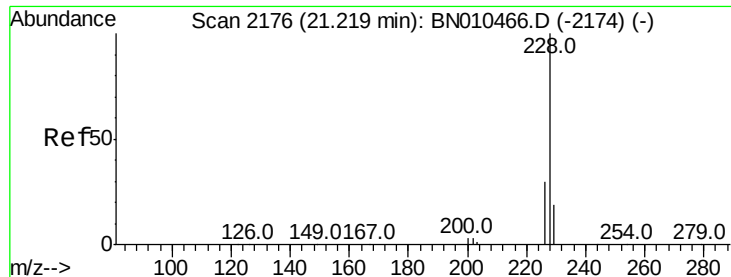


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#31

Chrysene

Concen: 0.039 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

Instrument :

BNA_N

ClientSampleId :

WB-2-2

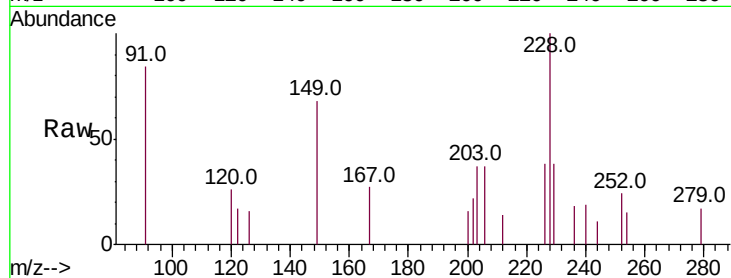
Tot Ion:228 Resp: 2342

Ion Ratio Lower Upper

228 100

226 38.0 24.0 36.0#

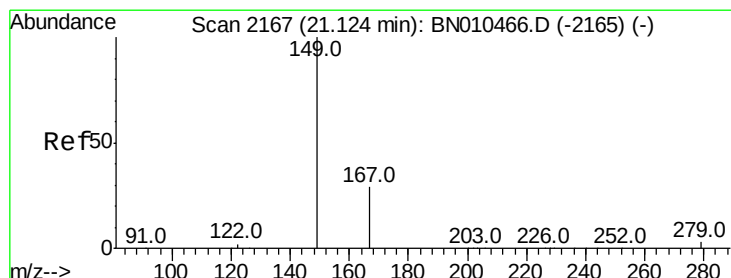
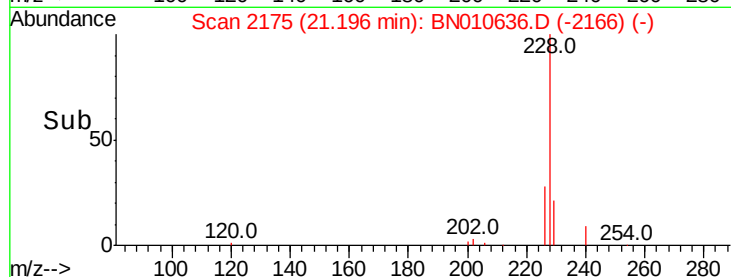
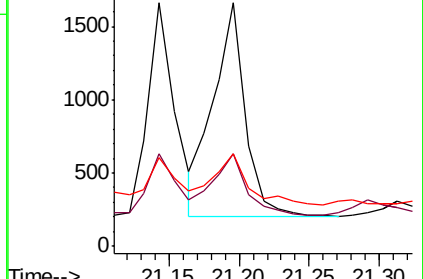
229 38.0 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.734 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

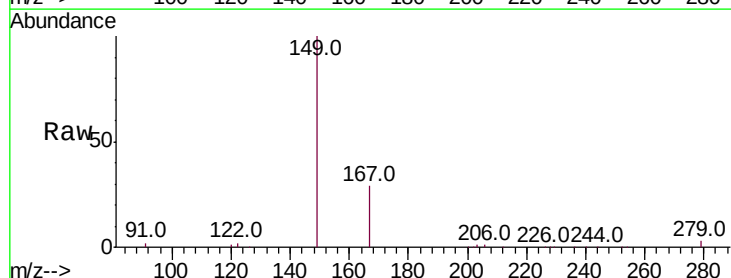
Tgt Ion:149 Resp: 84221

Ion Ratio Lower Upper

149 100

167 29.0 23.4 35.0

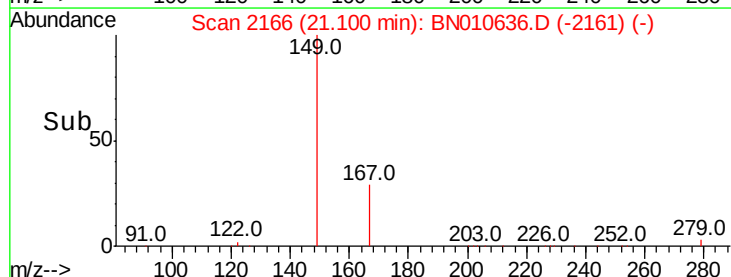
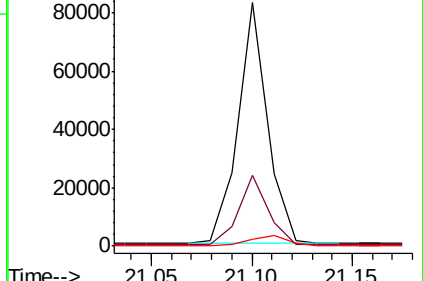
279 4.8 4.0 6.0

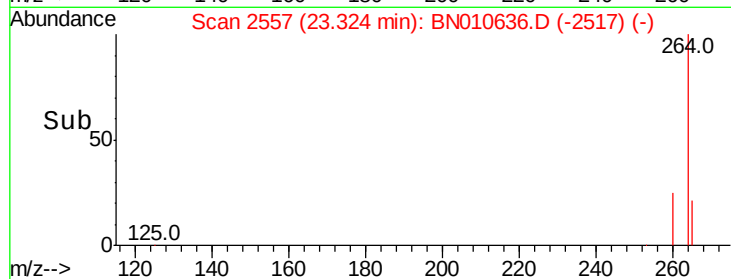
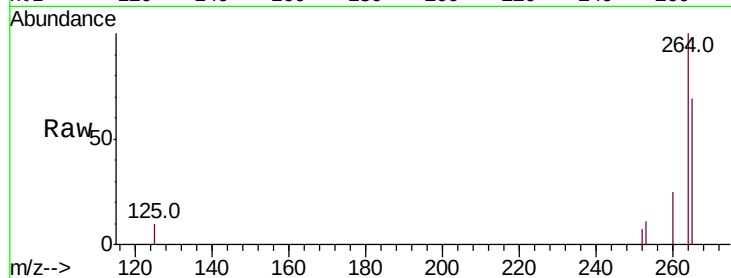
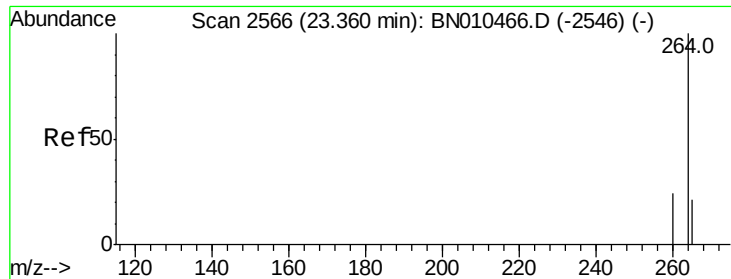


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BN010636.D

Acq: 28 Apr 2020 23:03

Instrument :

BNA_N

ClientSampleId :

WB-2-2

Tot Ion:264 Resp: 16435

Ion Ratio Lower Upper

264 100

260 25.3 19.8 29.8

265 68.8 42.3 63.5#

