

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
 Data File : BN010876.D
 Acq On : 15 Jun 2020 16:26
 Operator : CG/JU
 Sample : PB129538BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129538BSD

Quant Time: Jun 15 17:10:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2443	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8638	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	4710	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	8963	0.40	ng	0.00
27) Chrysene-d12	21.13	240	7925	0.40	ng	0.00
34) Perylene-d12	23.28	264	8424	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2181	0.46	ng	0.00
5) Phenol-d6	6.74	99	2556	0.46	ng	0.00
8) Nitrobenzene-d5	8.68	82	2598	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5626	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	604	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7721	0.42	ng	0.00
25) Fluoranthene-d10	18.96	212	10115	0.41	ng	0.00
29) Terphenyl-d14	19.57	244	7843	0.42	ng	0.00

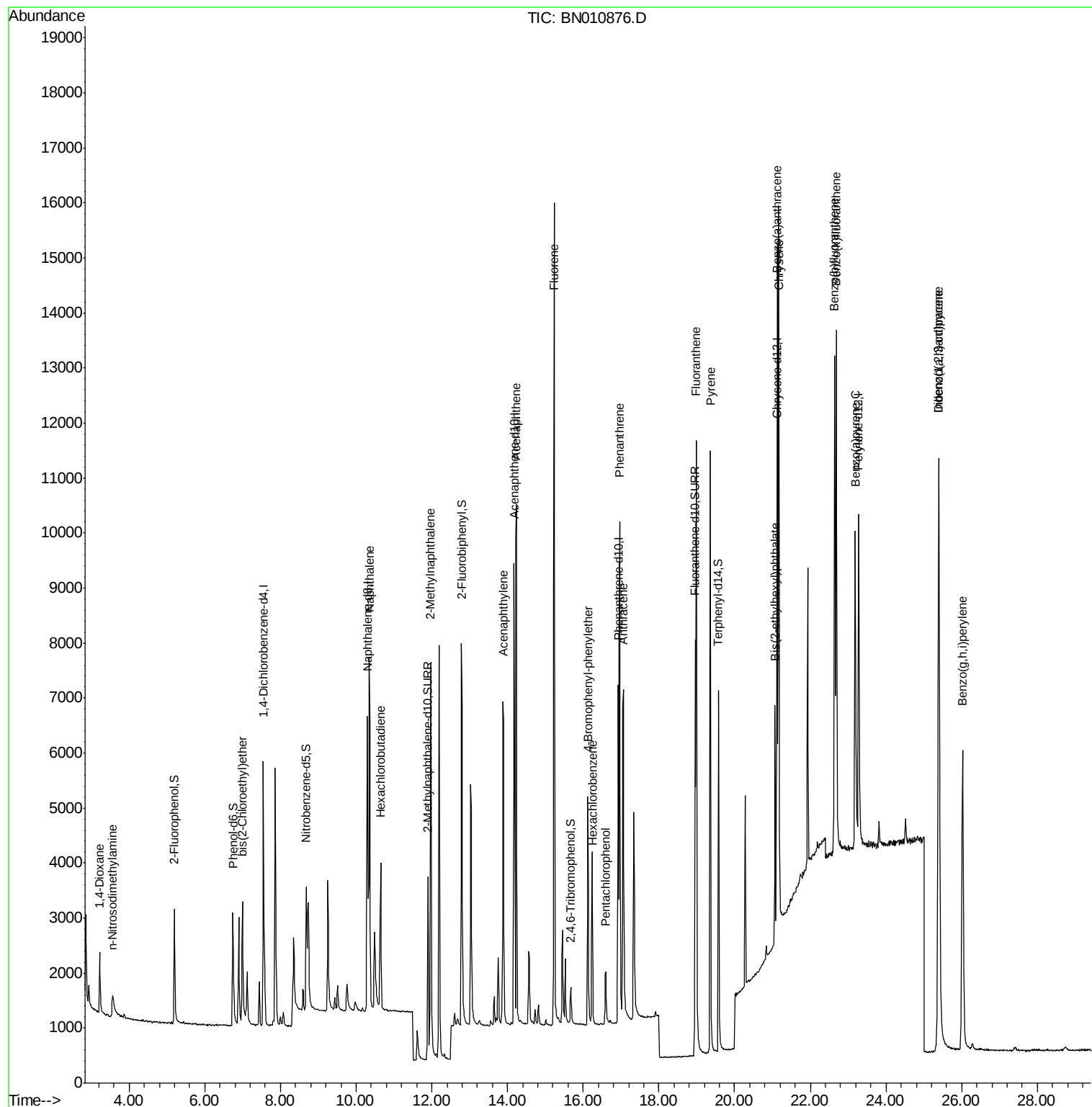
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1062	0.444	ng	98
3) n-Nitrosodimethylamine	3.56	42	501	0.360	ng	# 93
6) bis(2-Chloroethyl)ether	6.99	93	2362	0.436	ng	96
9) Naphthalene	10.34	128	9099	0.419	ng	100
10) Hexachlorobutadiene	10.65	225	2143	0.399	ng	# 99
12) 2-Methylnaphthalene	11.97	142	6119	0.421	ng	99
16) Acenaphthylene	13.88	152	7858	0.407	ng	100
17) Acenaphthene	14.24	154	5392	0.410	ng	98
18) Fluorene	15.23	166	6888	0.406	ng	99
20) 4-Bromophenyl-phenylether	16.12	248	2197	0.408	ng	# 88
21) Hexachlorobenzene	16.24	284	2477	0.441	ng	98
22) Pentachlorophenol	16.59	266	744	0.394	ng	97
23) Phenanthrene	16.96	178	10278	0.420	ng	99
24) Anthracene	17.06	178	8526	0.417	ng	100
26) Fluoranthene	18.99	202	11151	0.401	ng	99
28) Pyrene	19.36	202	11150	0.425	ng	100
30) Benzo(a)anthracene	21.11	228	9722	0.417	ng	98
31) Chrysene	21.16	228	11226	0.413	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	3569	0.460	ng	95
33) Indeno(1,2,3-cd)pyrene	25.39	276	13346	0.440	ng	# 95
35) Benzo(b)fluoranthene	22.64	252	11196	0.391	ng	99
36) Benzo(k)fluoranthene	22.68	252	12168	0.399	ng	98
37) Benzo(a)pyrene	23.18	252	9761	0.397	ng	98
38) Dibenzo(a,h)anthracene	25.40	278	11092	0.396	ng	97
39) Benzo(g,h,i)perylene	26.02	276	11606	0.396	ng	98

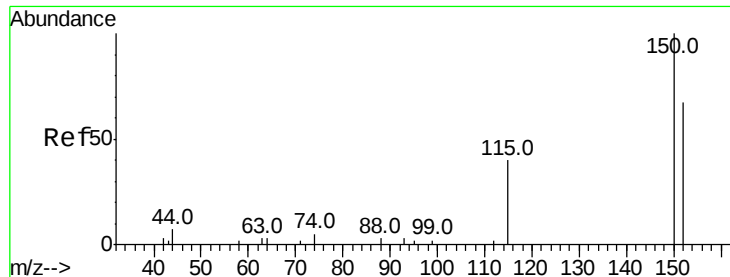
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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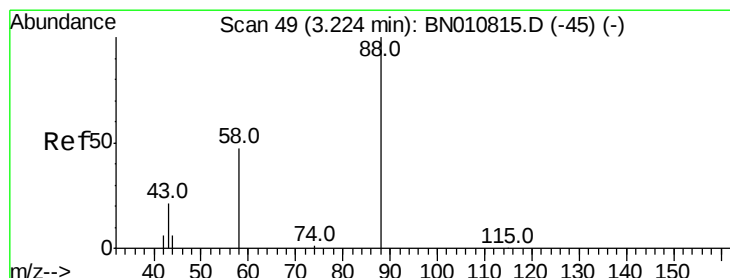
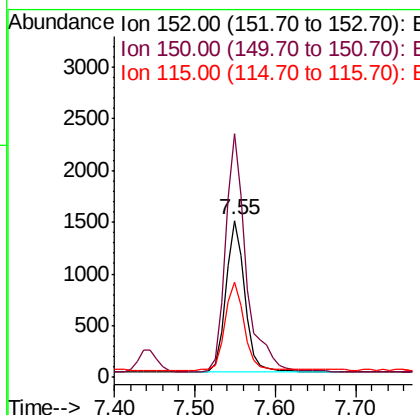
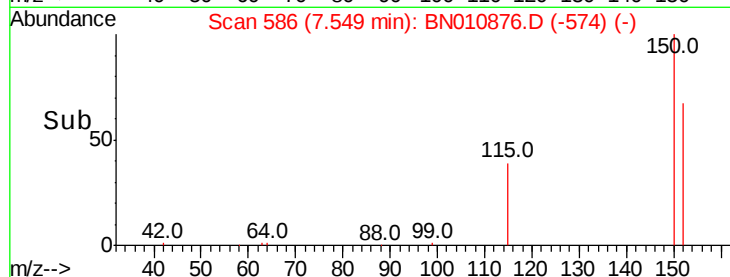
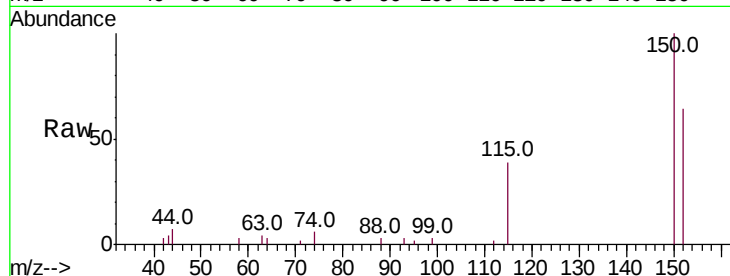


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

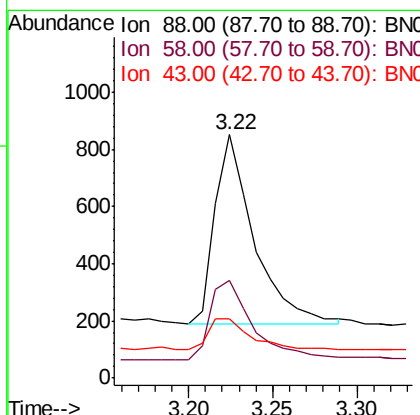
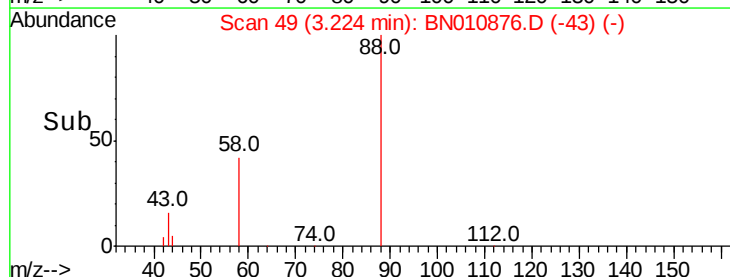
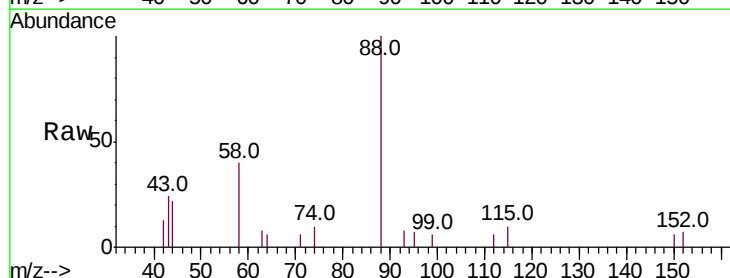
Tot Ion: 152 Resp: 2443
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.6
115 60.6 49.2 73.8



#2

1,4-Dioxane
Concen: 0.444 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion: 88 Resp: 1062
Ion Ratio Lower Upper
88 100
58 46.4 38.2 57.4
43 18.7 15.1 22.7



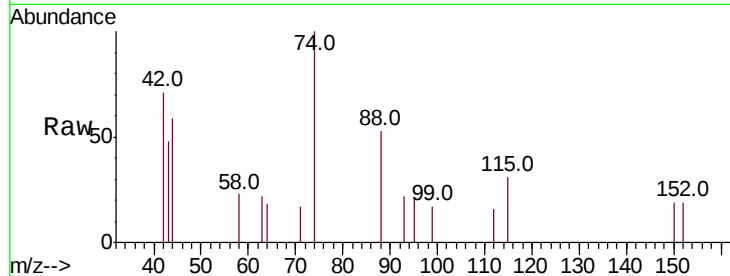


#3

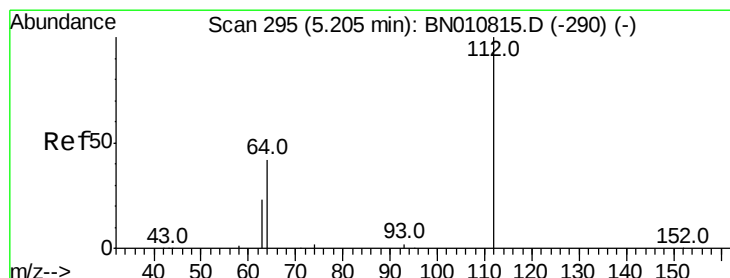
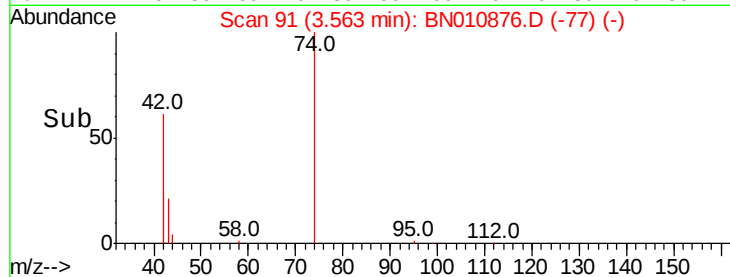
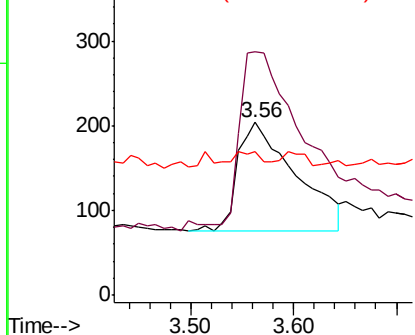
n-Nitrosodimethylamine
 Concen: 0.360 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.02 min
 Lab File: BN010876.D
 Acq: 15 Jun 2020 16:26

Instrument :
 BNA_N
 ClientSampleId :
 PB129538BSD

Tot Ion: 42 Resp: 501
 Ion Ratio Lower Upper
 42 100
 74 166.5 140.7 211.1
 44 6.2 1.4 2.2#



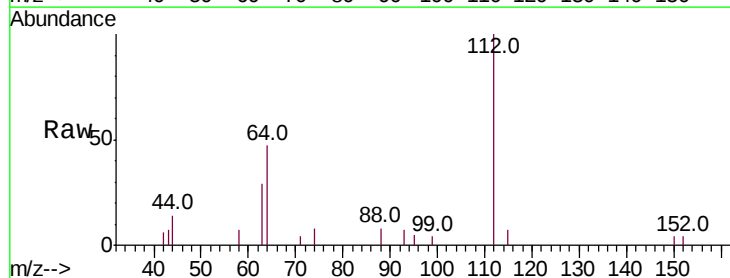
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



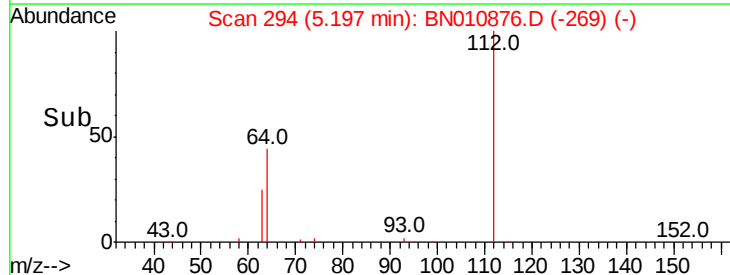
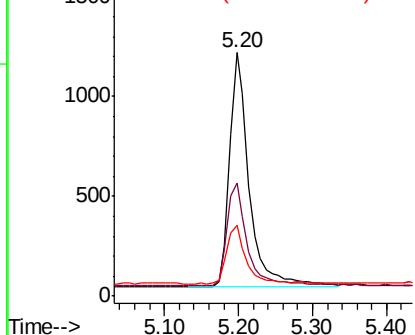
#4

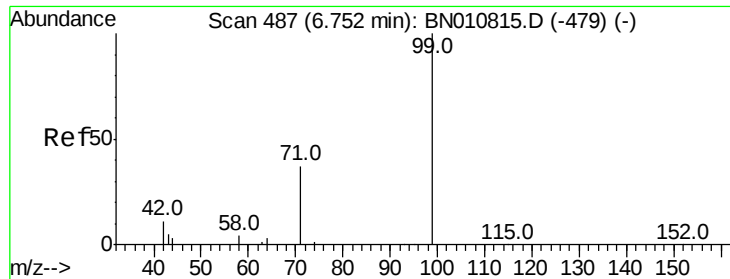
2-Fluorophenol
 Concen: 0.462 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN010876.D
 Acq: 15 Jun 2020 16:26

Tgt Ion: 112 Resp: 2181
 Ion Ratio Lower Upper
 112 100
 64 44.1 37.4 56.0
 63 24.9 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.460 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

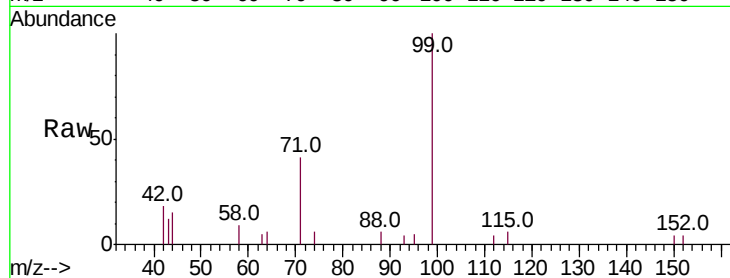
Tot Ion: 99 Resp: 2556

Ion Ratio Lower Upper

99 100

42 13.8 11.1 16.7

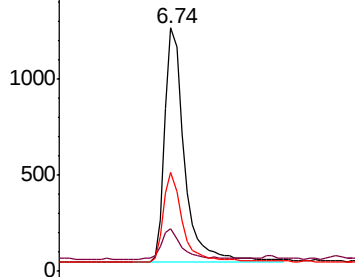
71 37.2 31.4 47.2



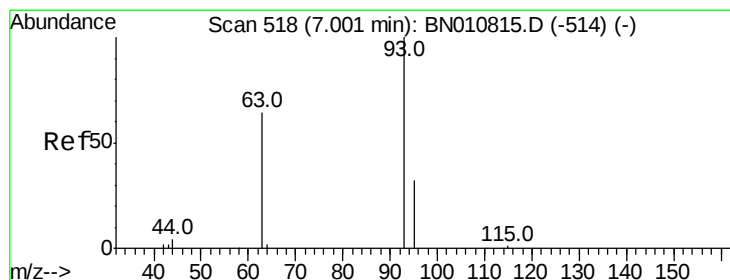
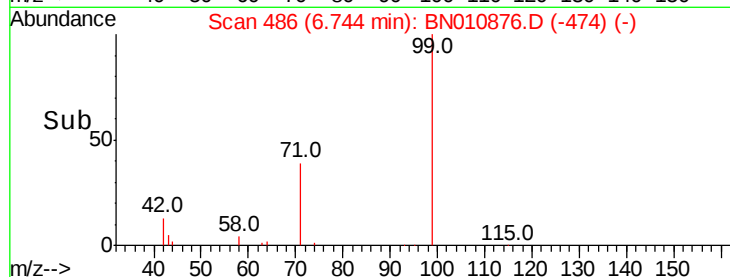
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.436 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

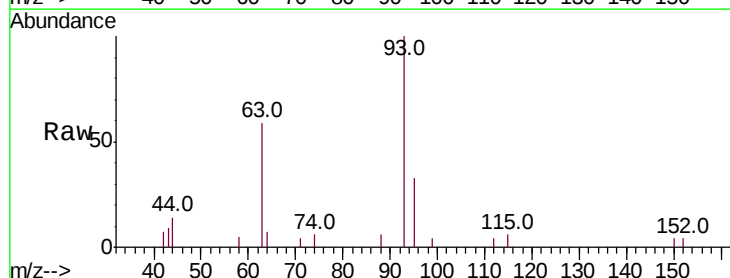
Tgt Ion: 93 Resp: 2362

Ion Ratio Lower Upper

93 100

63 57.5 49.4 74.2

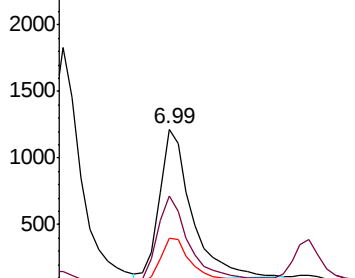
95 34.4 26.7 40.1



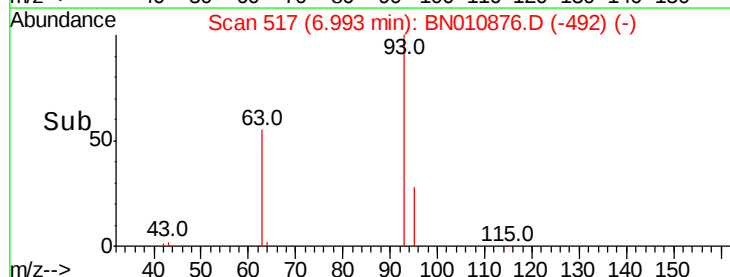
Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

Tot Ion:136 Resp: 8638

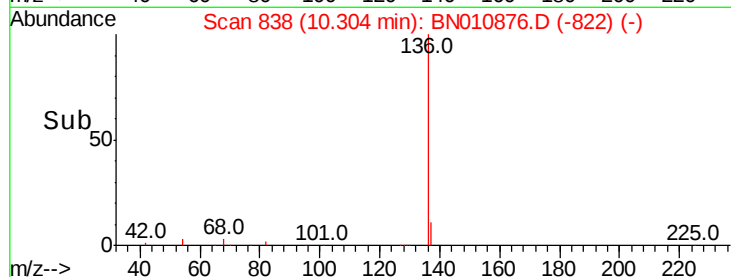
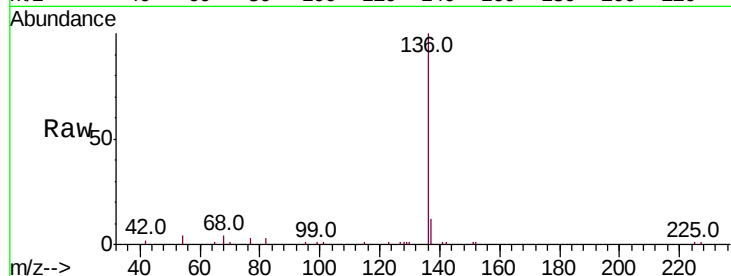
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 3.7 4.9 7.3#

68 4.1 4.7 7.1#

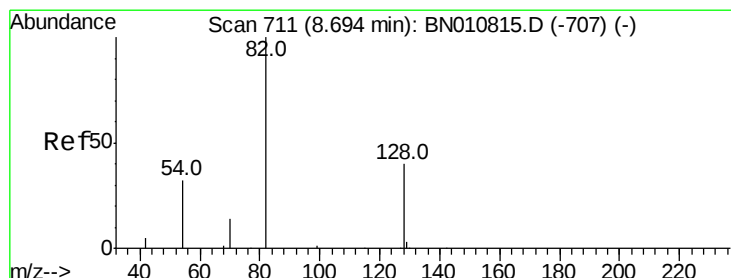
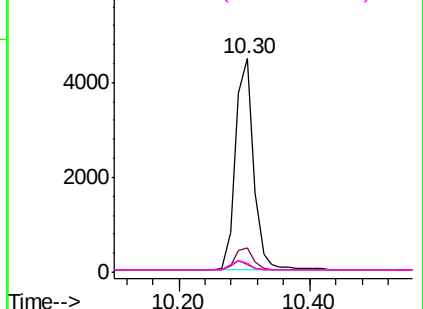


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.406 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

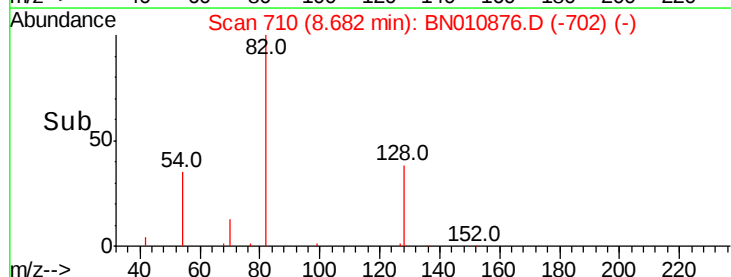
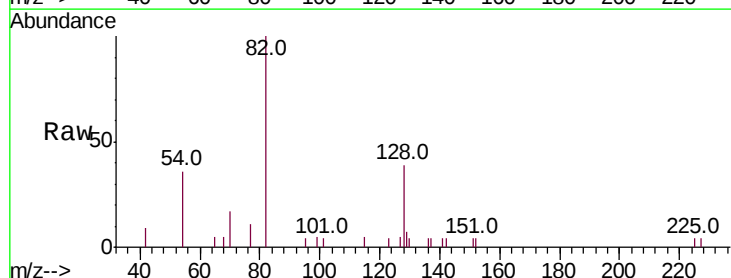
Tgt Ion: 82 Resp: 2598

Ion Ratio Lower Upper

82 100

128 39.4 35.4 53.0

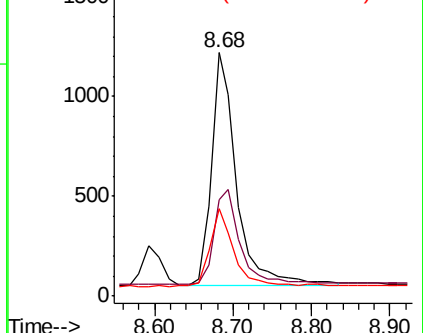
54 35.9 28.2 42.4



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: 0.419 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

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ClientSampleId :

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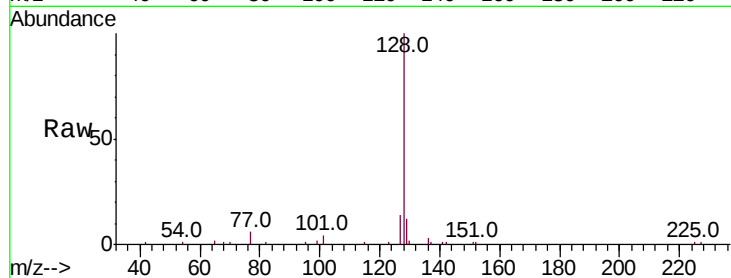
Tot Ion:128 Resp: 9099

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

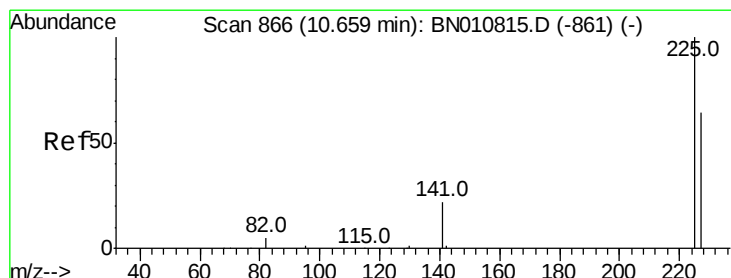
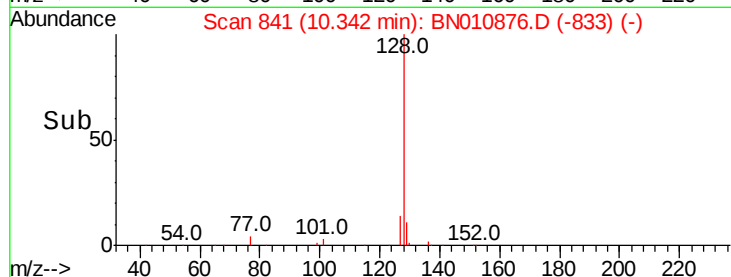
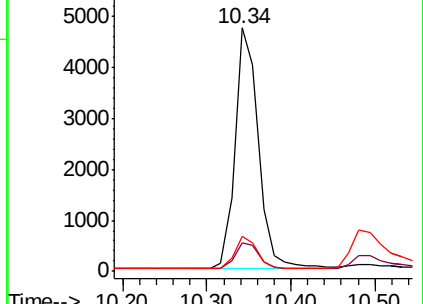
127 14.4 11.4 17.2



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



#10

Hexachlorobutadiene

Concen: 0.399 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

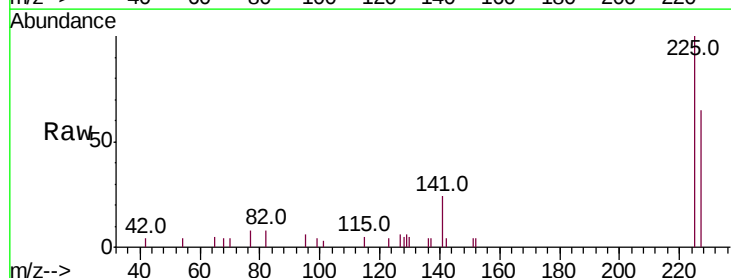
Tgt Ion:225 Resp: 2143

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

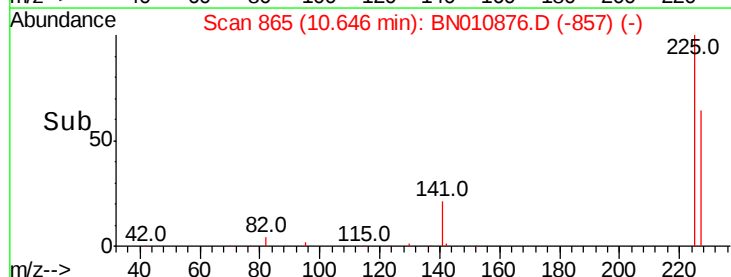
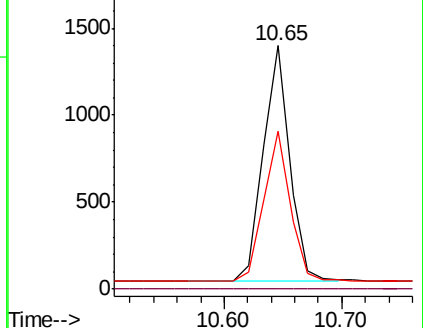
227 63.5 50.5 75.7

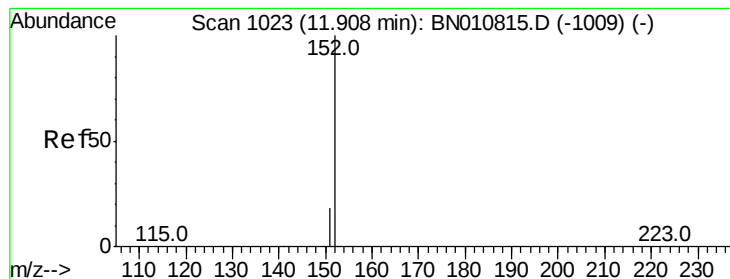


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 11.89 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

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ClientSampleId :

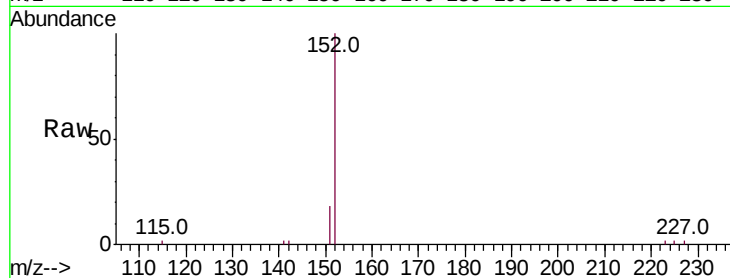
PB129538BSD

Tot Ion:152 Resp: 5626

Ion Ratio Lower Upper

152 100

151 18.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

3000

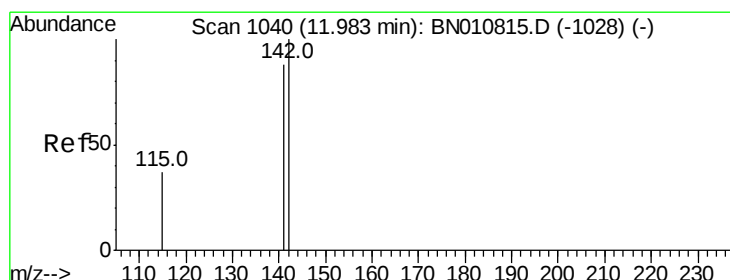
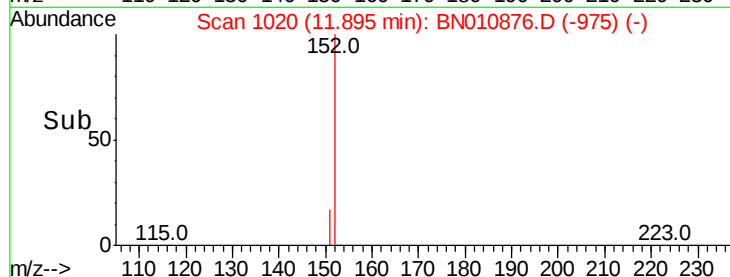
2000

1000

0

11.89

Time-->



#12

2-Methylnaphthalene

Concen: 0.421 ng

RT: 11.97 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

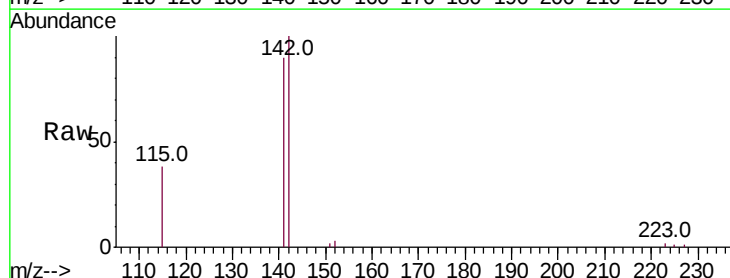
Tgt Ion:142 Resp: 6119

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2

115 38.5 31.5 47.3



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

4000

3000

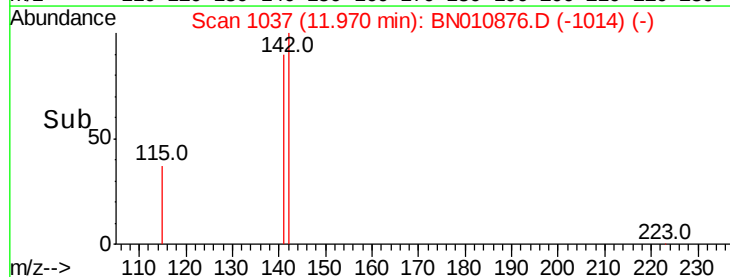
2000

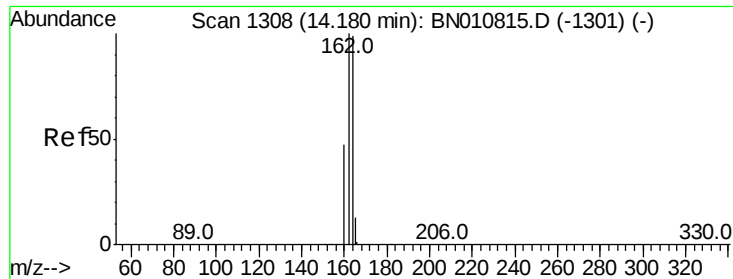
1000

0

11.97

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

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PB129538BSD

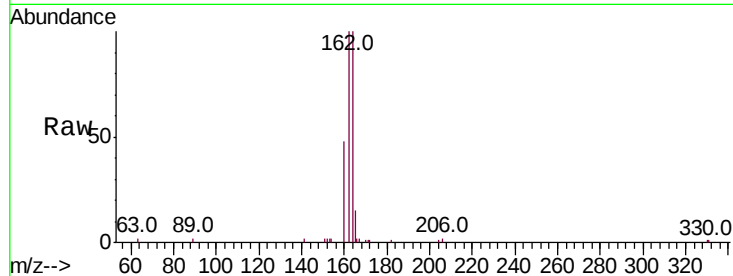
Tot Ion:164 Resp: 4710

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.6

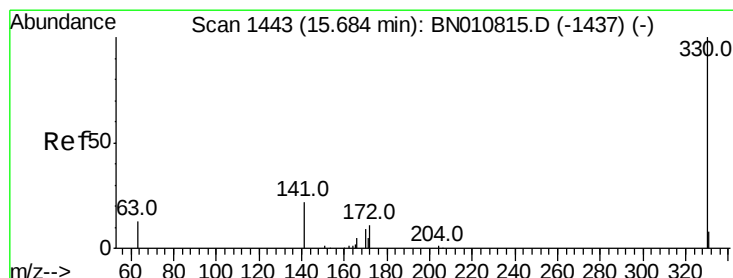
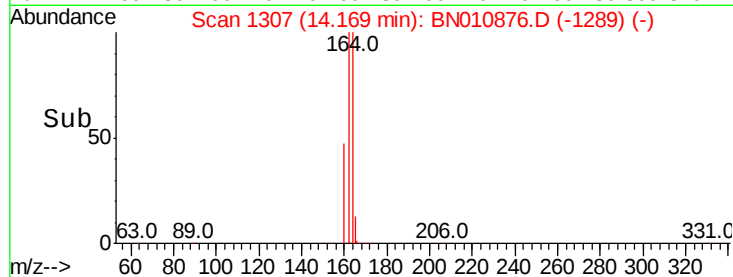
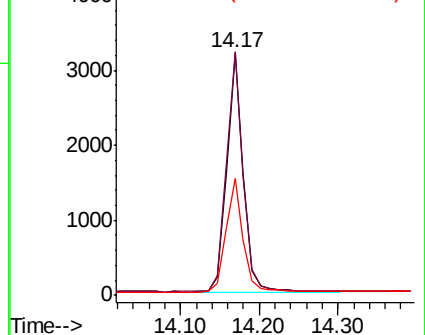
160 48.2 38.9 58.3



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: 0.359 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

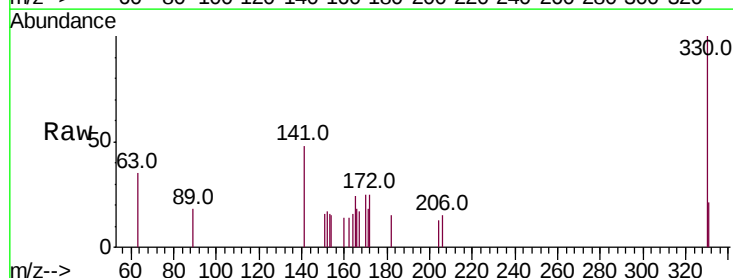
Tgt Ion:330 Resp: 604

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

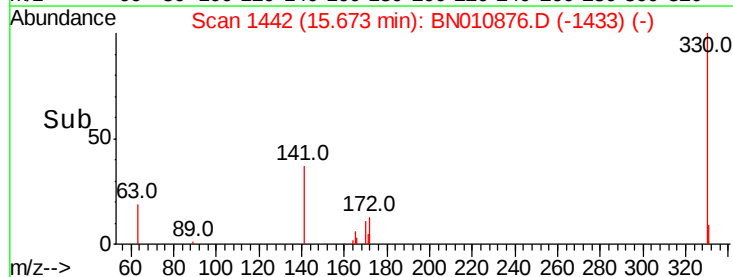
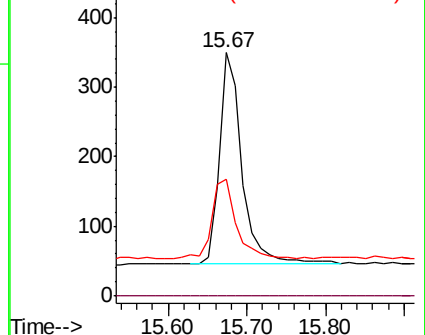
141 39.9 33.2 49.8



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

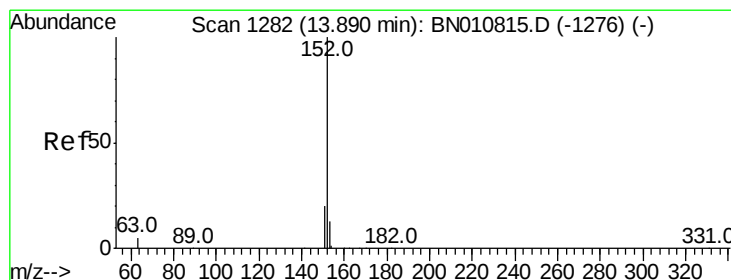
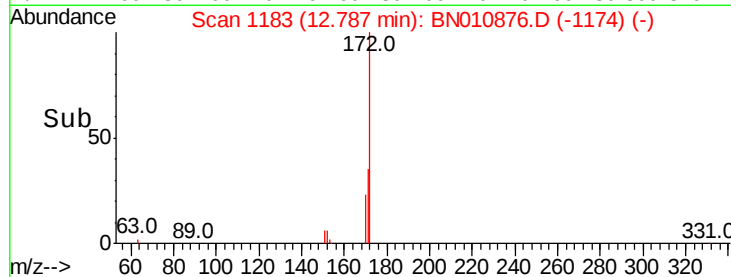
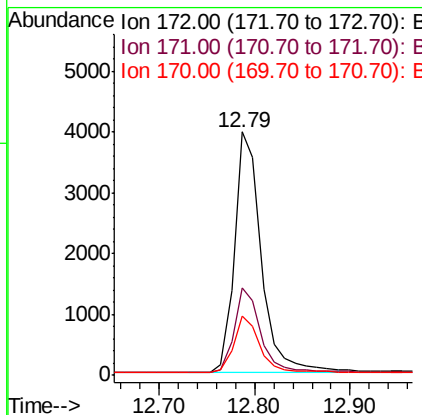
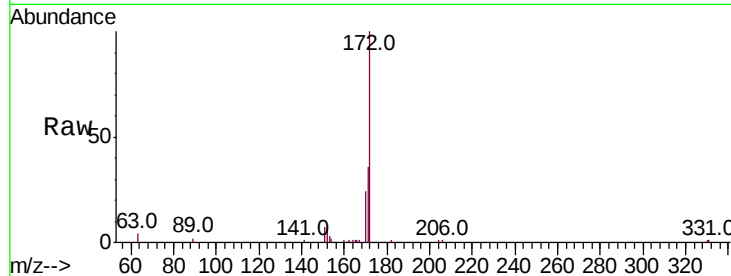




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

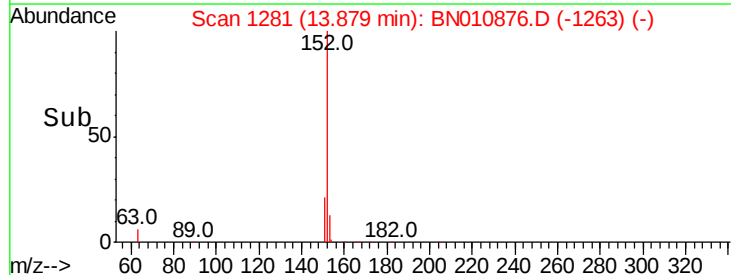
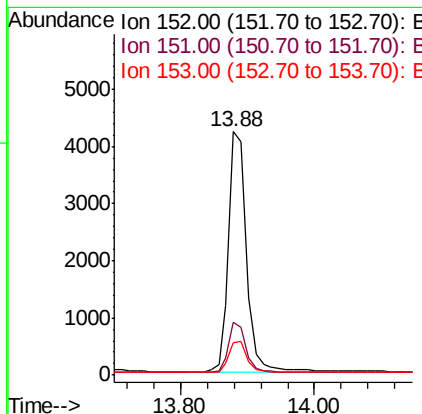
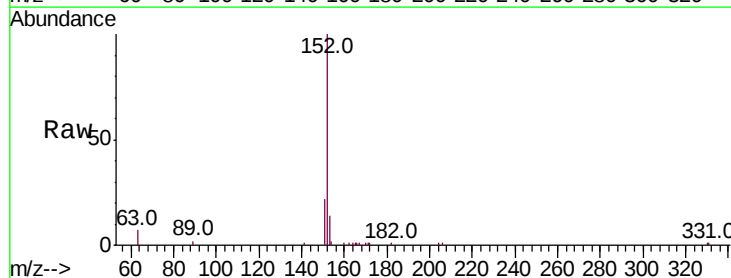
Instrument :
BNA_N
ClientSampleId :
PB129538BSD

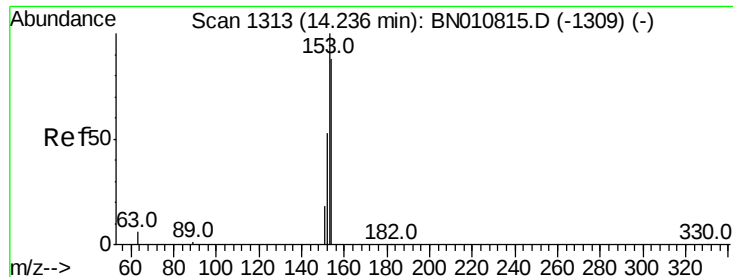
Tot Ion:172 Resp: 7721
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.1 19.7 29.5



#16
Acenaphthylene
Concen: 0.407 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:152 Resp: 7858
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 0.410 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

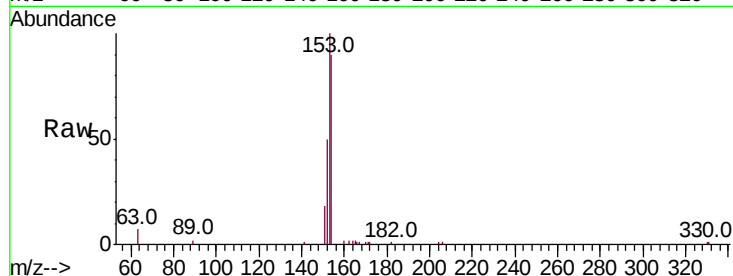
Tot Ion:154 Resp: 5392

Ion Ratio Lower Upper

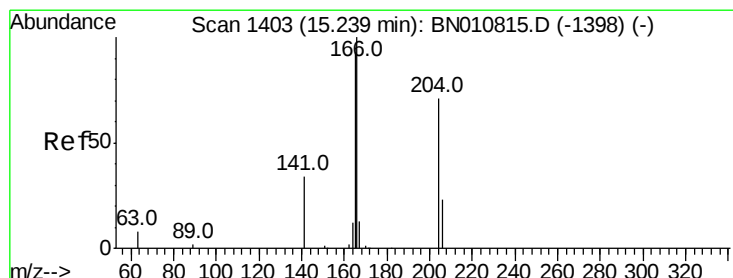
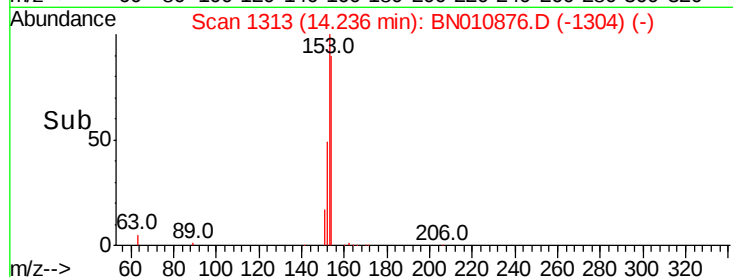
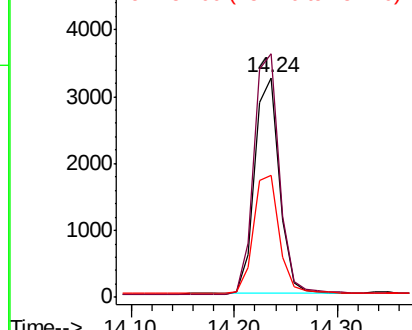
154 100

153 115.9 91.8 137.6

152 57.1 47.6 71.4



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: 0.406 ng

RT: 15.23 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

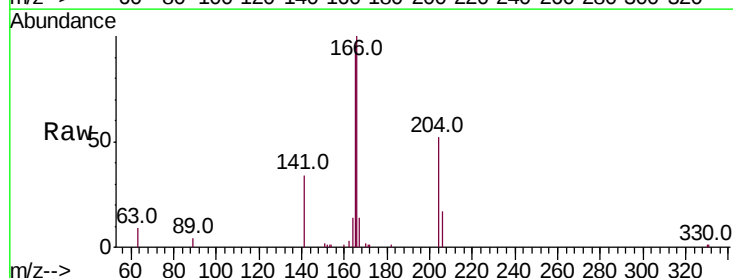
Tgt Ion:166 Resp: 6888

Ion Ratio Lower Upper

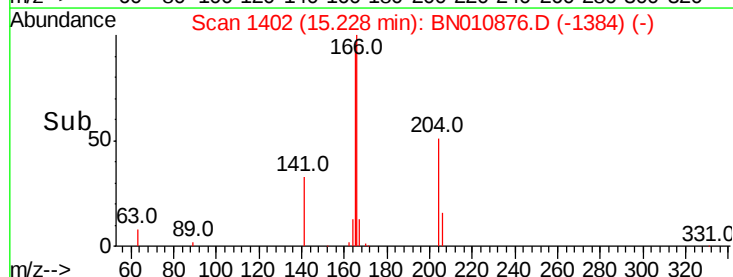
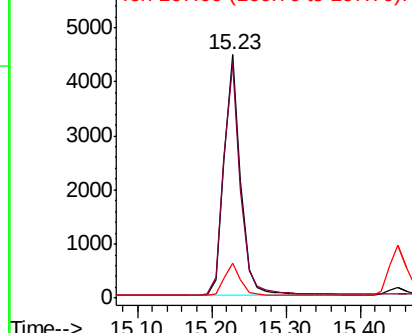
166 100

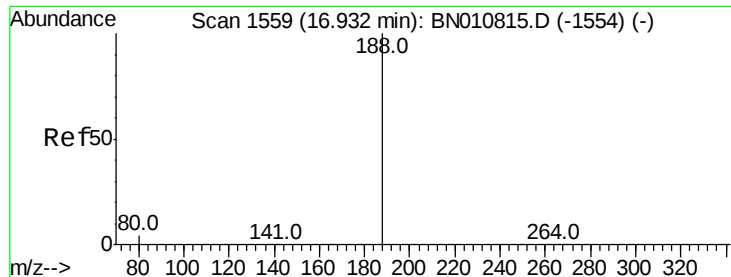
165 97.6 77.2 115.8

167 13.3 10.7 16.1



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: 16.92 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

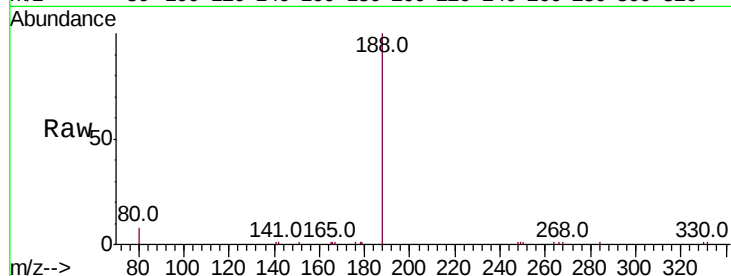
Tot Ion:188 Resp: 8963

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

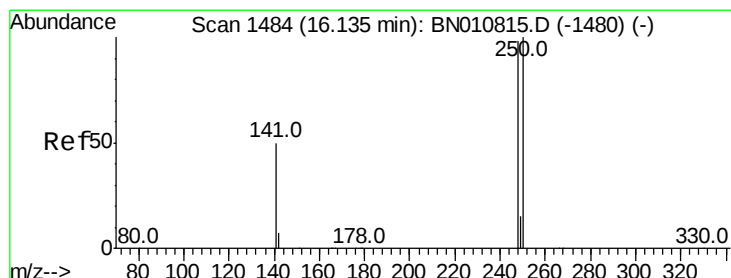
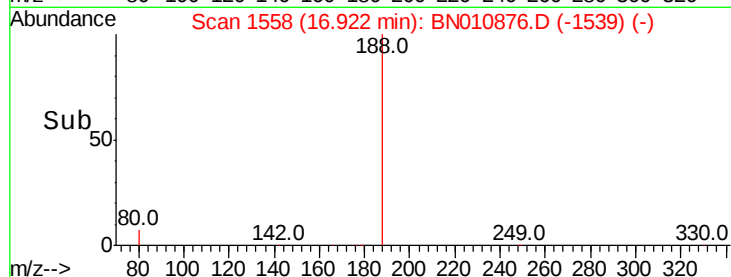
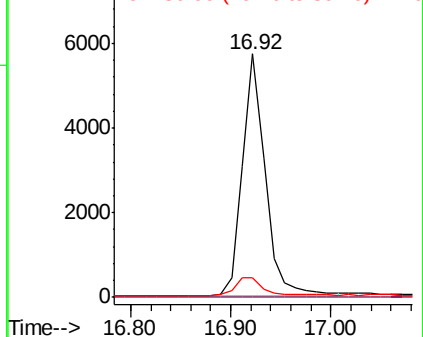
80 8.0 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.408 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

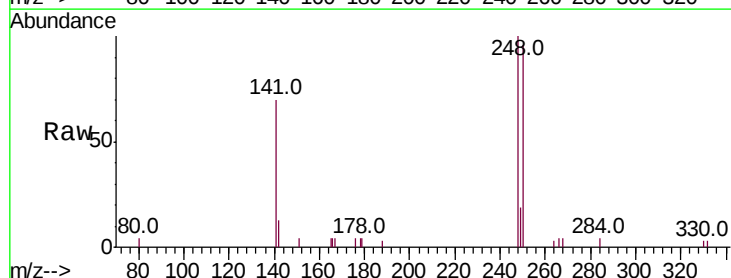
Tgt Ion:248 Resp: 2197

Ion Ratio Lower Upper

248 100

250 96.3 81.8 122.8

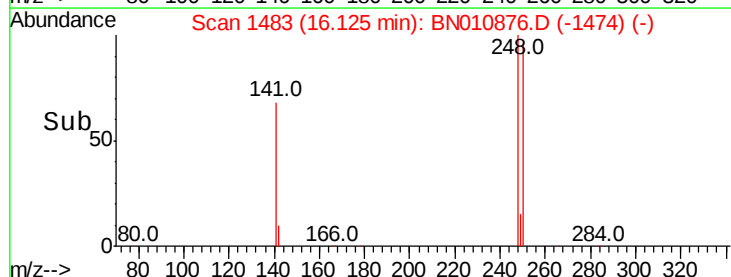
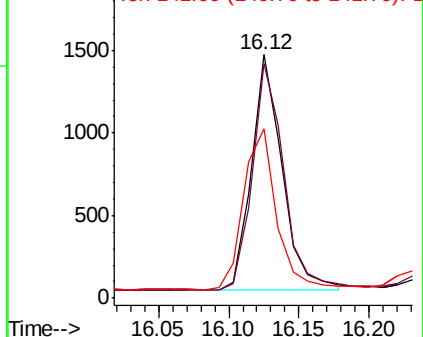
141 69.8 42.6 64.0#

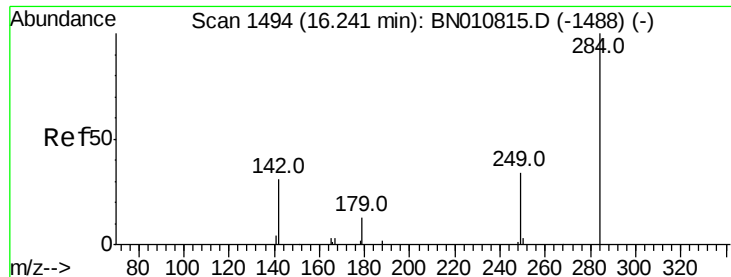


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.441 ng

RT: 16.24 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

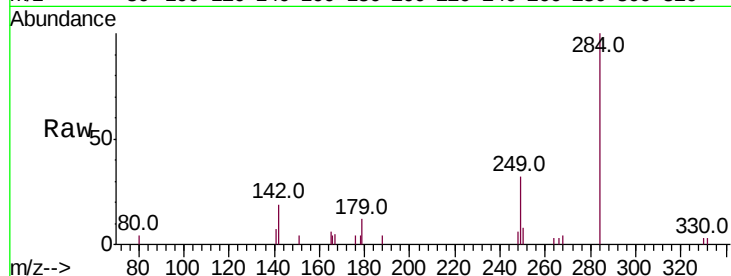
Tot Ion:284 Resp: 2477

Ion Ratio Lower Upper

284 100

142 36.9 31.0 46.4

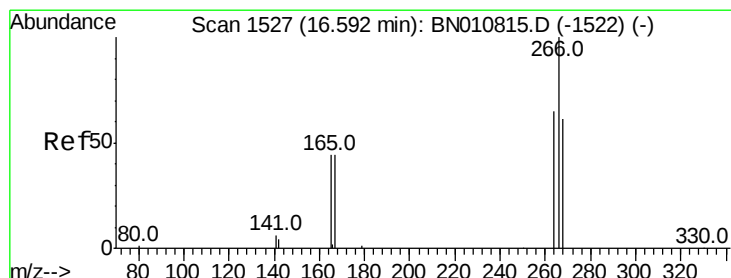
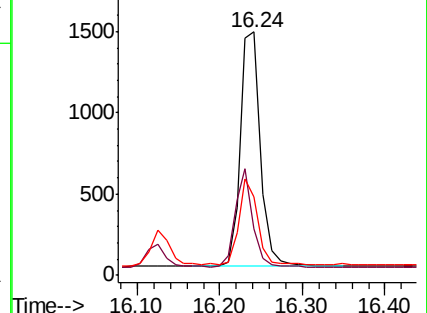
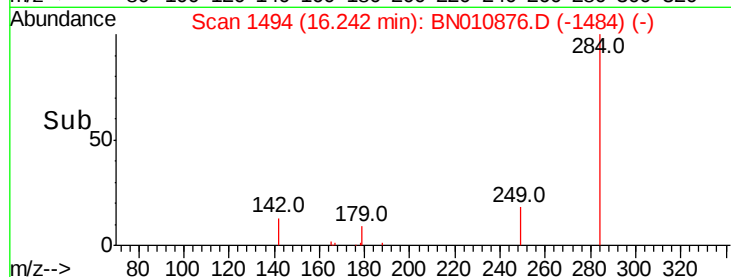
249 33.3 27.1 40.7



Abundance Ion 283.80 (283.50 to 284.50): E

2000 Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.394 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

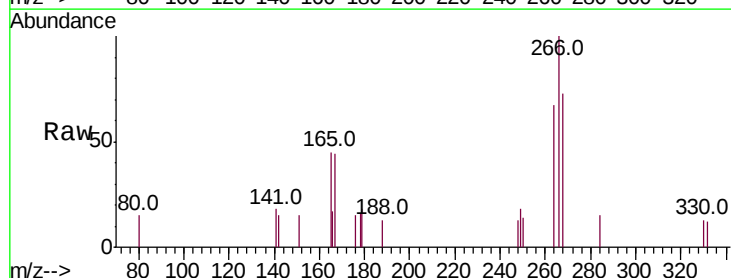
Tgt Ion:266 Resp: 744

Ion Ratio Lower Upper

266 100

264 67.2 54.8 82.2

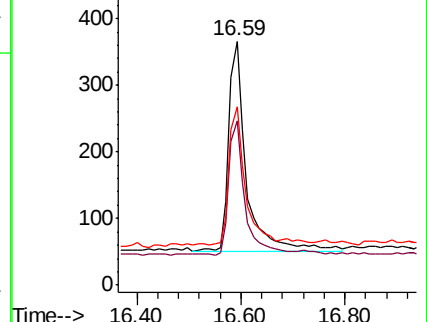
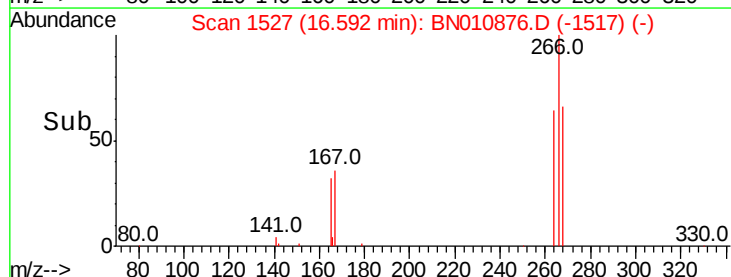
268 73.0 55.9 83.9



Abundance Ion 266.00 (265.70 to 266.70): E

500 Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.420 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

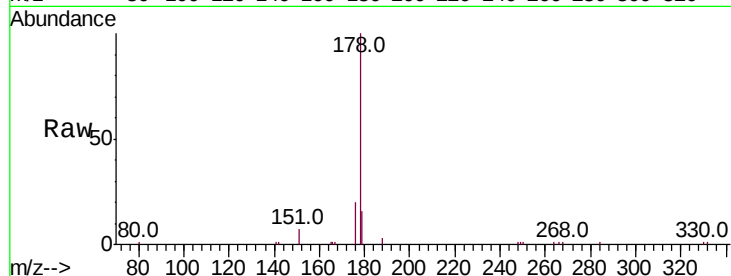
Tot Ion:178 Resp: 10278

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

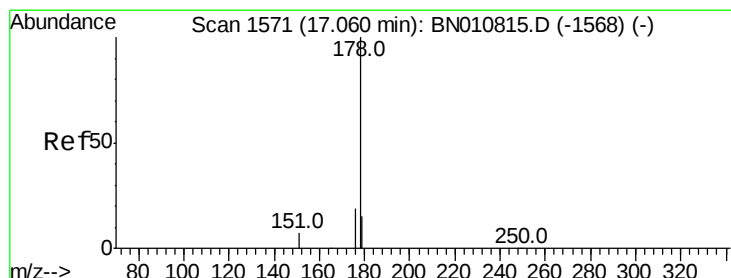
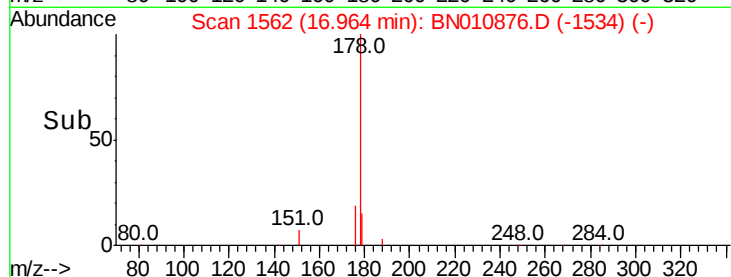
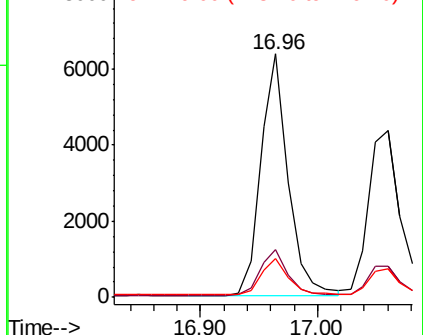
179 15.2 12.6 19.0



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



#24

Anthracene

Concen: 0.417 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

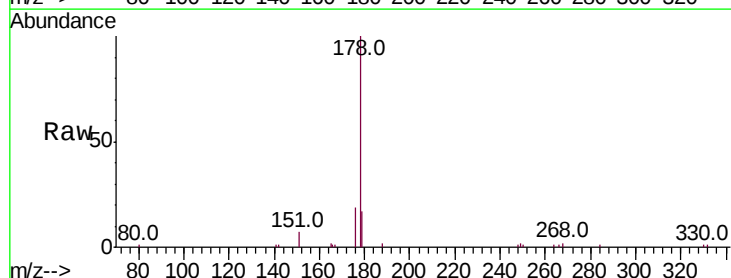
Tgt Ion:178 Resp: 8526

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

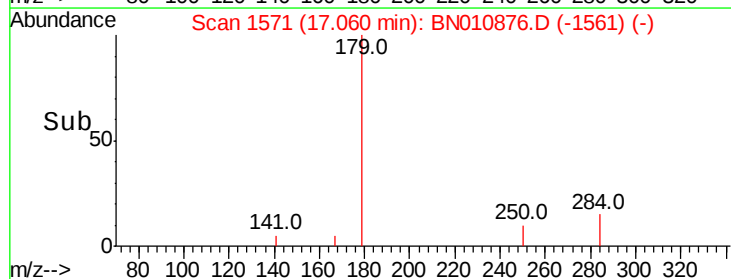
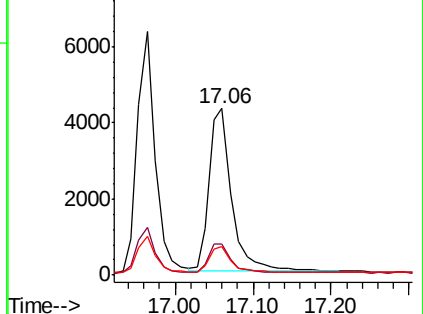
179 15.3 12.3 18.5

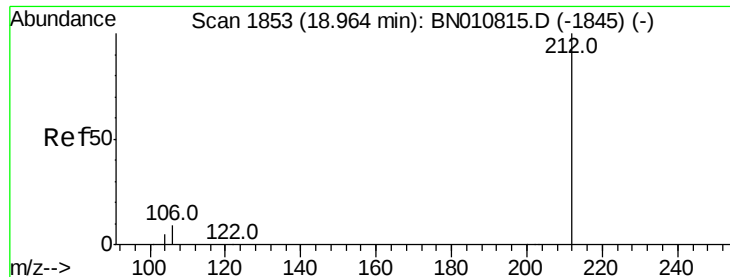


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

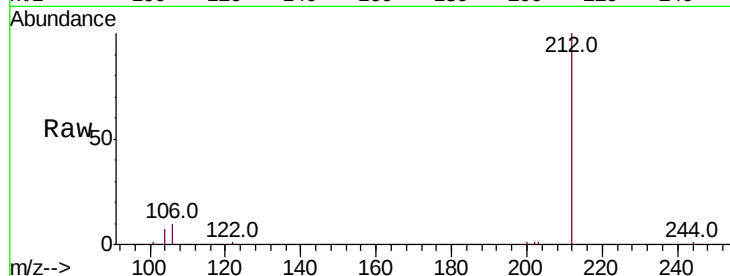
Tot Ion:212 Resp: 10115

Ion Ratio Lower Upper

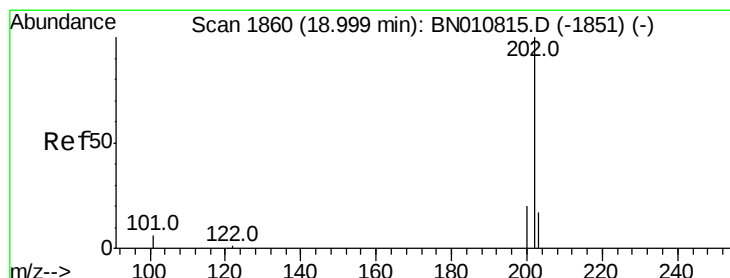
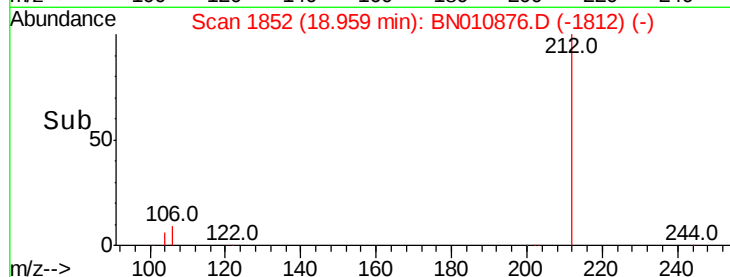
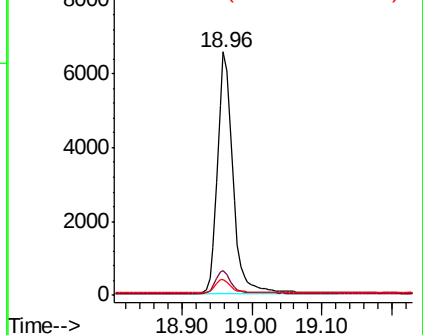
212 100

106 9.6 6.6 10.0

104 5.5 4.0 6.0



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: 0.401 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

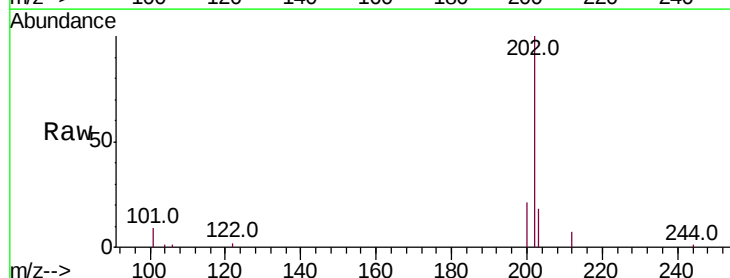
Tgt Ion:202 Resp: 11151

Ion Ratio Lower Upper

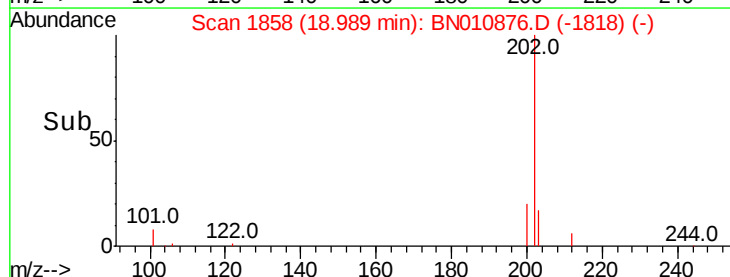
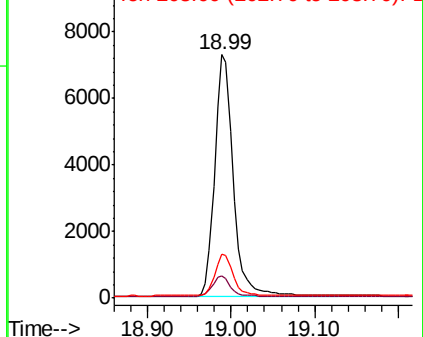
202 100

101 8.5 5.8 8.6

203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

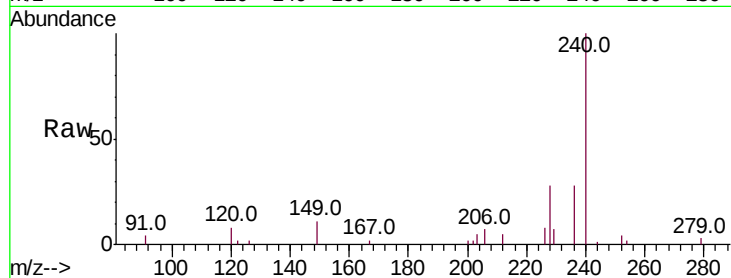
Tot Ion:240 Resp: 7925

Ion Ratio Lower Upper

240 100

120 8.0 7.5 11.3

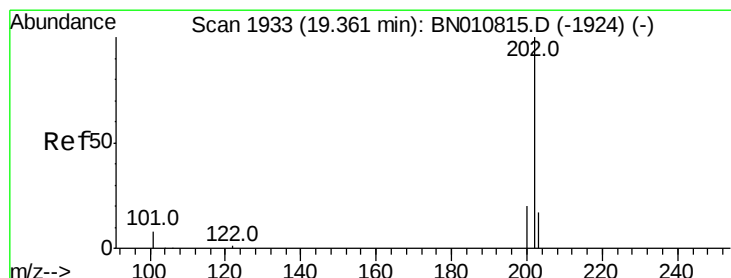
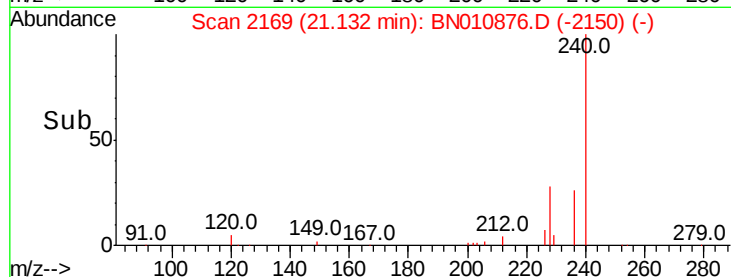
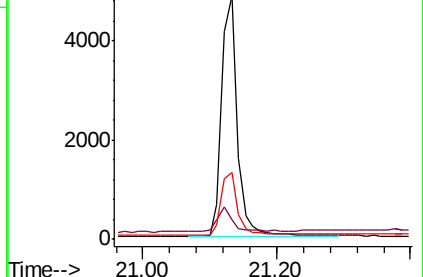
236 27.7 22.3 33.5



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



#28

Pyrene

Concen: 0.425 ng

RT: 19.36 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

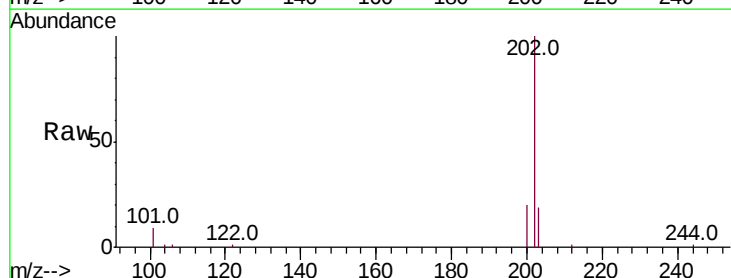
Tgt Ion:202 Resp: 11150

Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

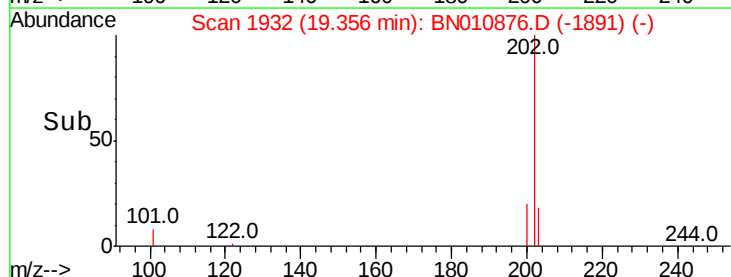
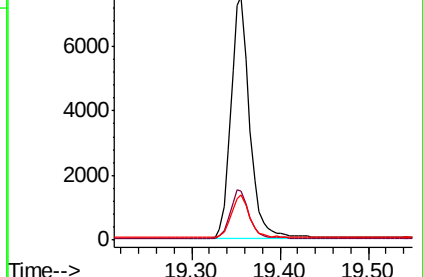
203 17.7 14.2 21.4

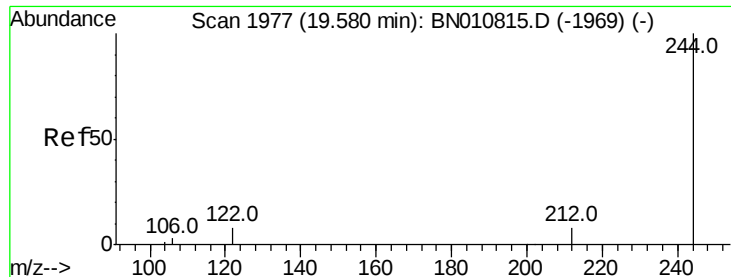


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 19.57 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

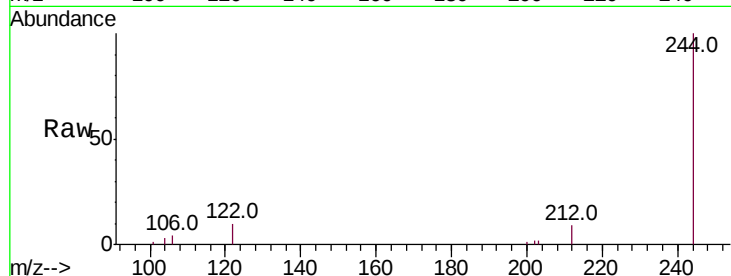
Tot Ion:244 Resp: 7843

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

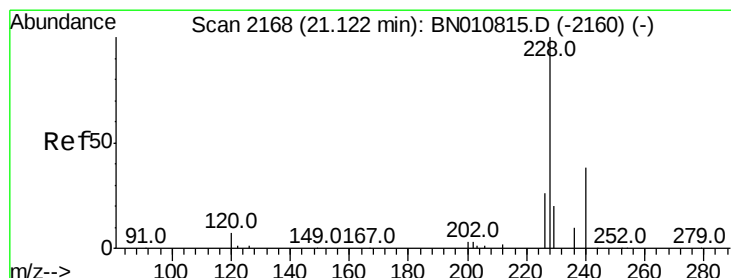
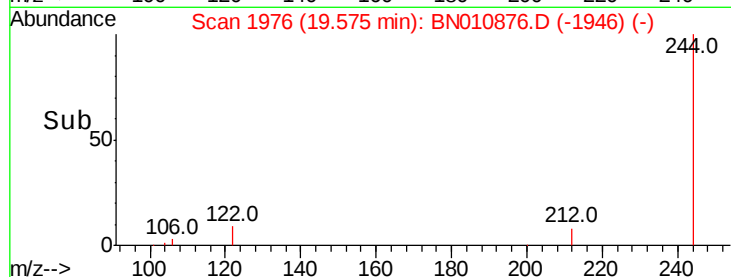
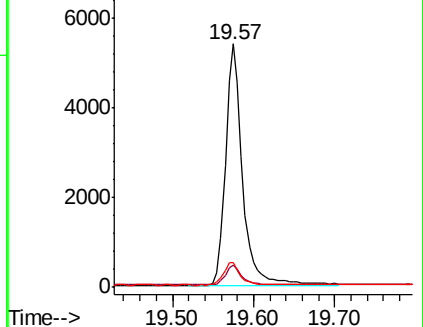
122 10.2 7.5 11.3



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



#30

Benzo(a)anthracene

Concen: 0.417 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

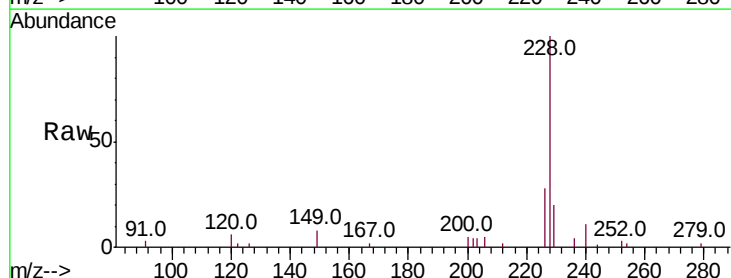
Tgt Ion:228 Resp: 9722

Ion Ratio Lower Upper

228 100

226 27.7 21.3 31.9

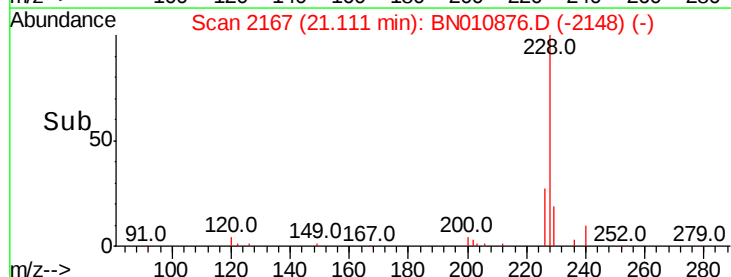
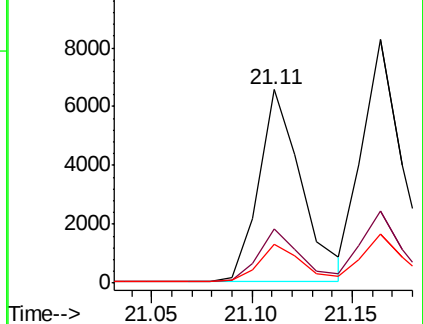
229 20.1 16.6 24.8



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





#31

Chrysene

Concen: 0.413 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

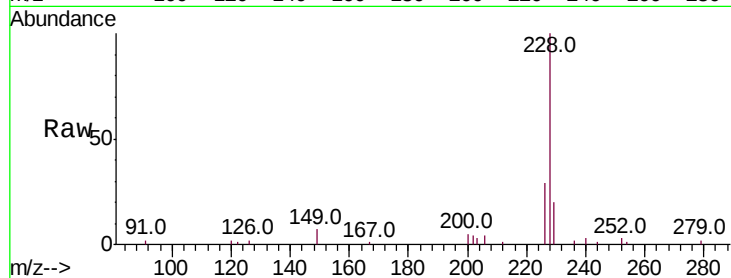
Tot Ion:228 Resp: 11226

Ion Ratio Lower Upper

228 100

226 29.4 25.0 37.6

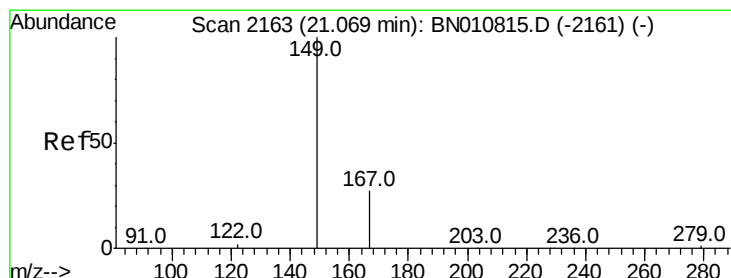
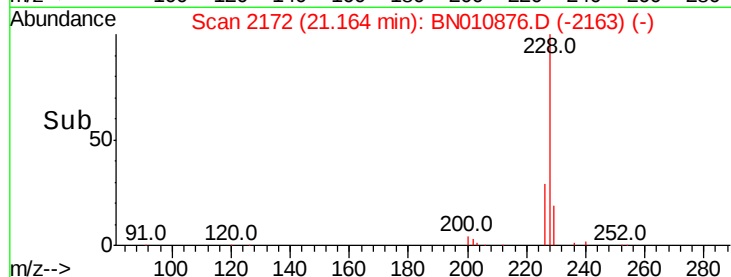
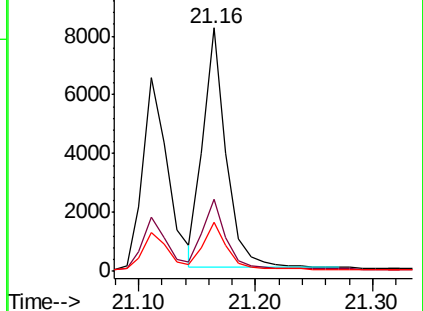
229 20.0 16.1 24.1



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: 0.460 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

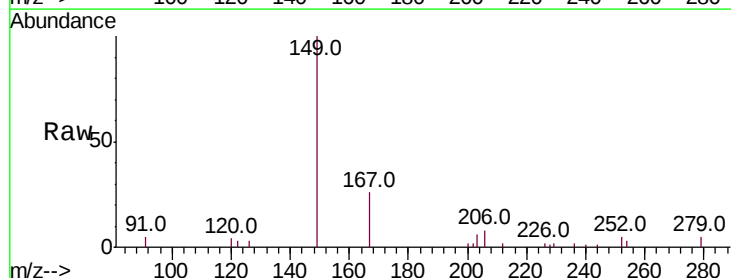
Tgt Ion:149 Resp: 3569

Ion Ratio Lower Upper

149 100

167 26.9 24.1 36.1

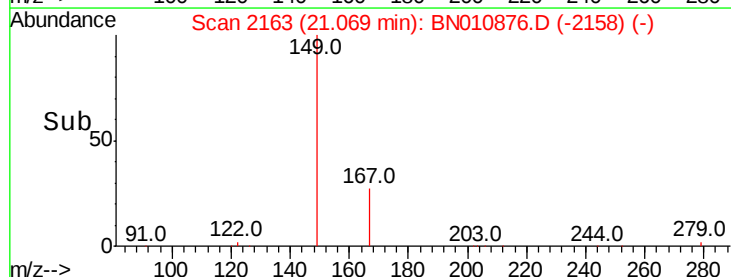
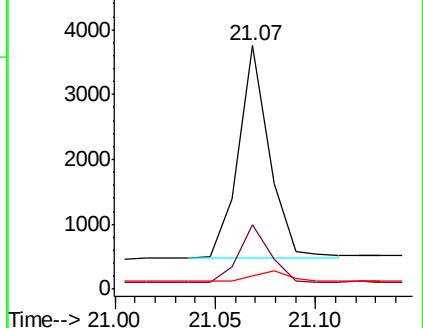
279 5.4 4.6 7.0

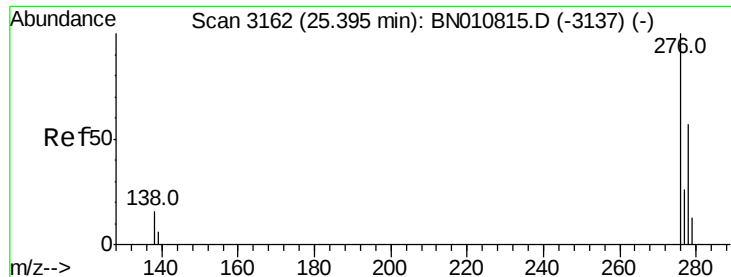


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.440 ng

RT: 25.39 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

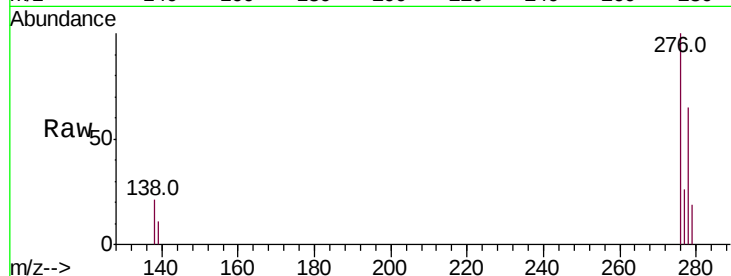
Tot Ion:276 Resp: 13346

Ion Ratio Lower Upper

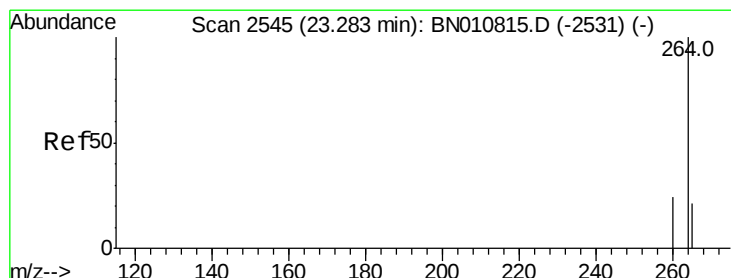
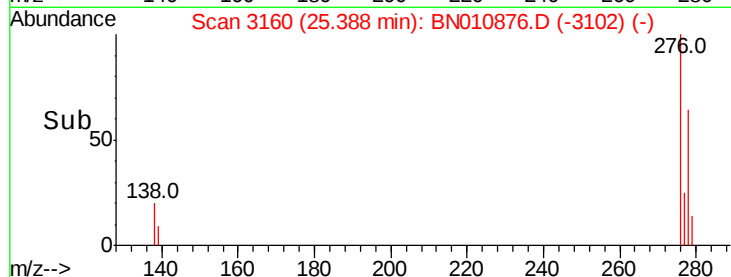
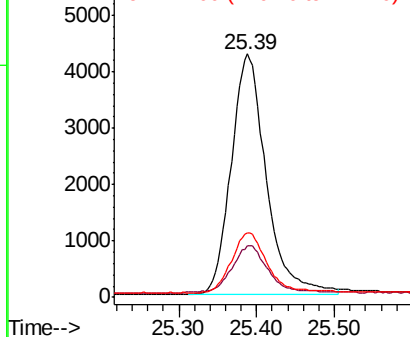
276 100

138 21.0 13.0 19.6#

277 25.1 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

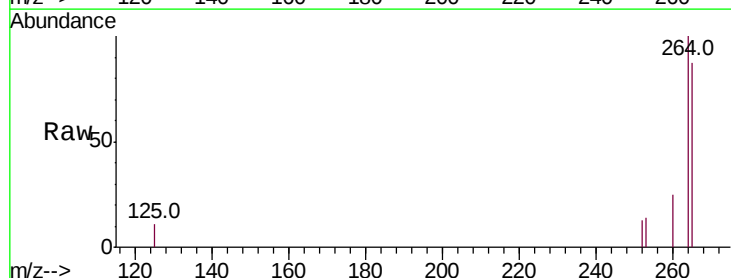
Tgt Ion:264 Resp: 8424

Ion Ratio Lower Upper

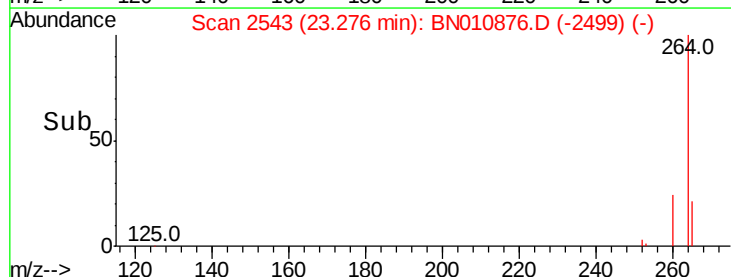
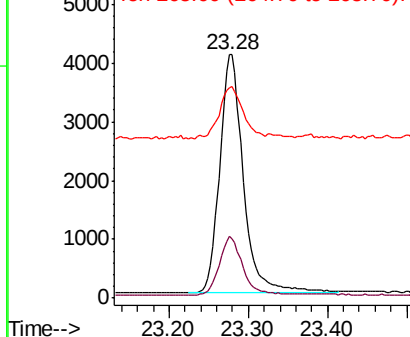
264 100

260 25.2 20.4 30.6

265 86.6 75.0 112.4



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





#35

Benzo(b)fluoranthene

Concen: 0.391 ng

RT: 22.64 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

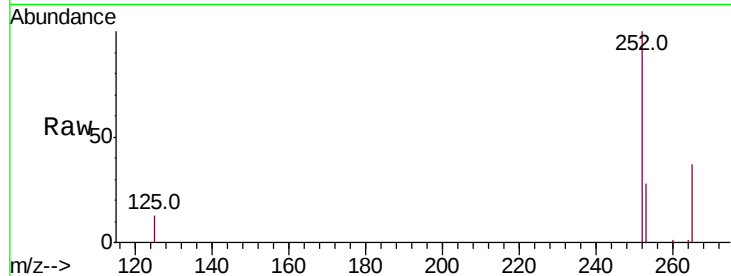
Tot Ion:252 Resp: 11196

Ion Ratio Lower Upper

252 100

253 28.1 22.4 33.6

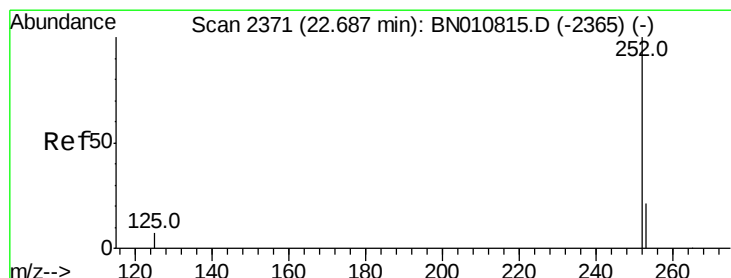
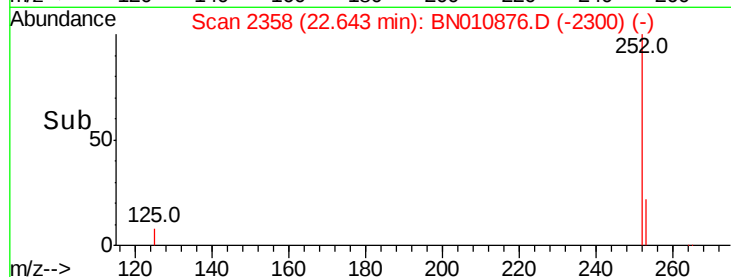
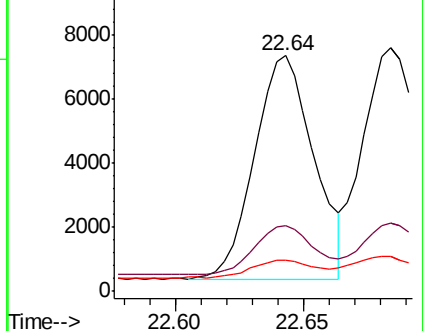
125 13.2 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.399 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

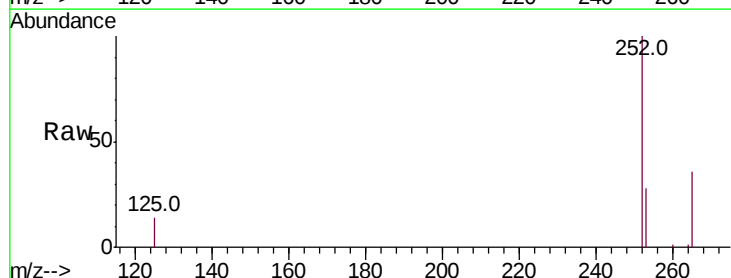
Tgt Ion:252 Resp: 12168

Ion Ratio Lower Upper

252 100

253 28.2 22.2 33.4

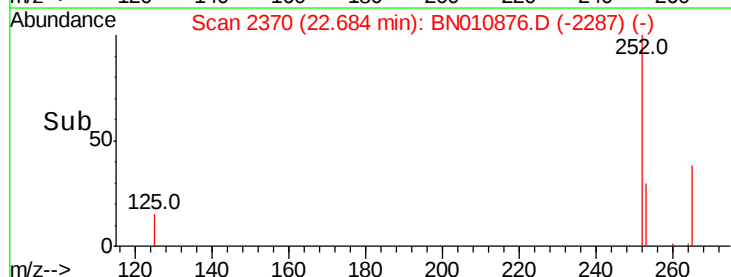
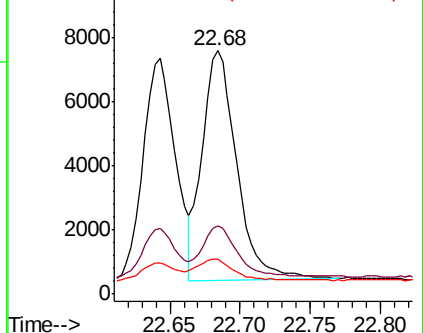
125 14.2 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.397 ng

RT: 23.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

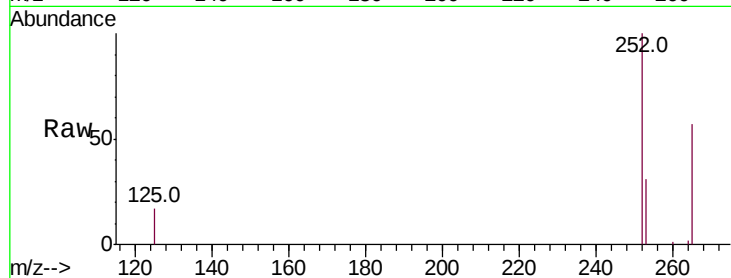
Tot Ion:252 Resp: 9761

Ion Ratio Lower Upper

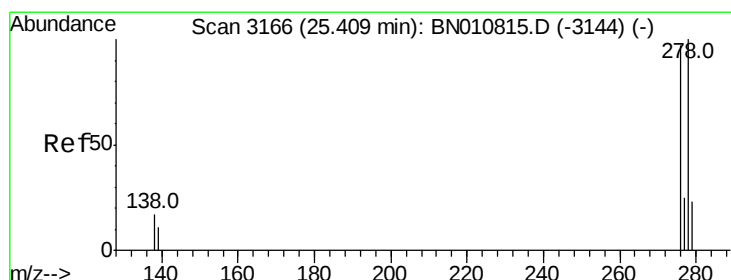
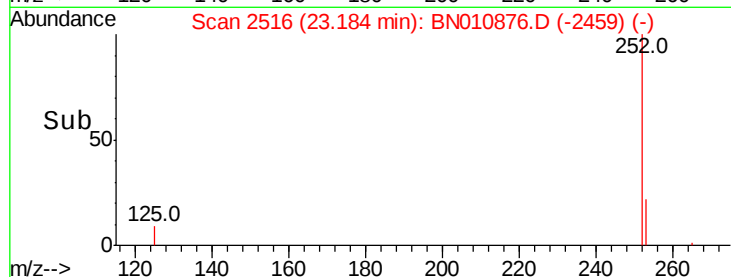
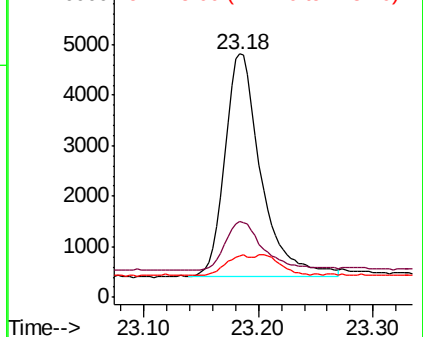
252 100

253 31.3 25.8 38.8

125 17.2 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.396 ng

RT: 25.40 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

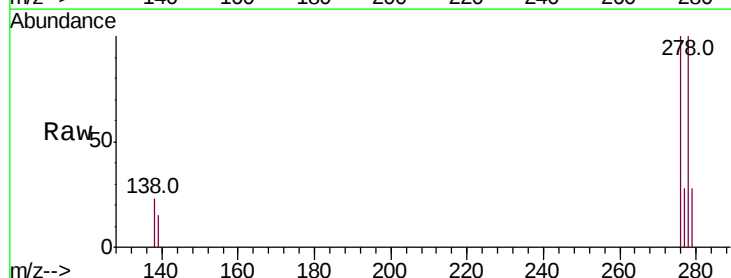
Tgt Ion:278 Resp: 11092

Ion Ratio Lower Upper

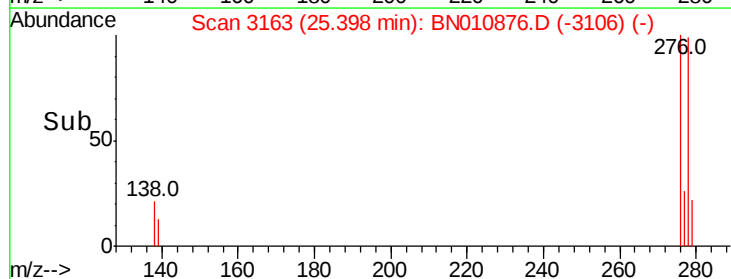
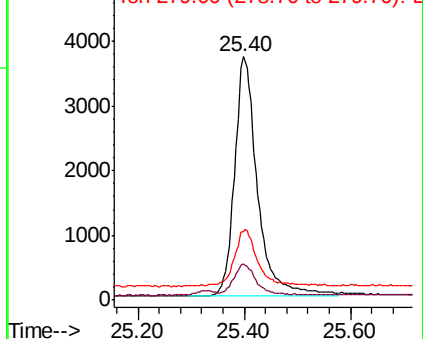
278 100

139 14.9 10.6 15.8

279 27.9 23.6 35.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.396 ng

RT: 26.02 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BN010876.D

Acq: 15 Jun 2020 16:26

Instrument :

BNA_N

ClientSampleId :

PB129538BSD

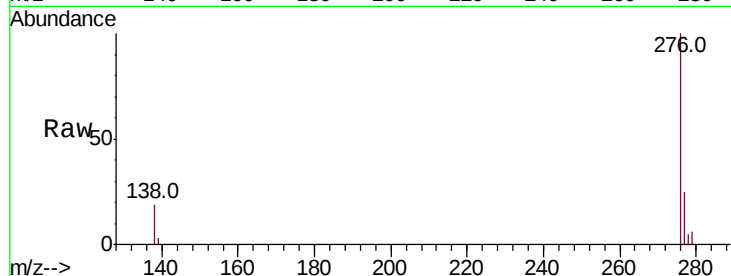
Tot Ion:276 Resp: 11606

Ion Ratio Lower Upper

276 100

277 25.3 20.5 30.7

138 19.4 13.7 20.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

