

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010907.D
 Acq On : 16 Jun 2020 15:19
 Operator : CG/JU
 Sample : L3011-11MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20200611MSD

Quant Time: Jun 16 15:49:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2574	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8480	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	4667	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	10210	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	9221	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9573	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	886	0.18	ng	0.00
5) Phenol-d6	6.74	99	657	0.11	ng	0.00
8) Nitrobenzene-d5	8.68	82	2743	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	7130	0.54	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	647	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	8203	0.45	ng	0.00
25) Fluoranthene-d10	18.95	212	14852	0.53	ng	0.00
29) Terphenyl-d14	19.57	244	11373	0.53	ng	0.00

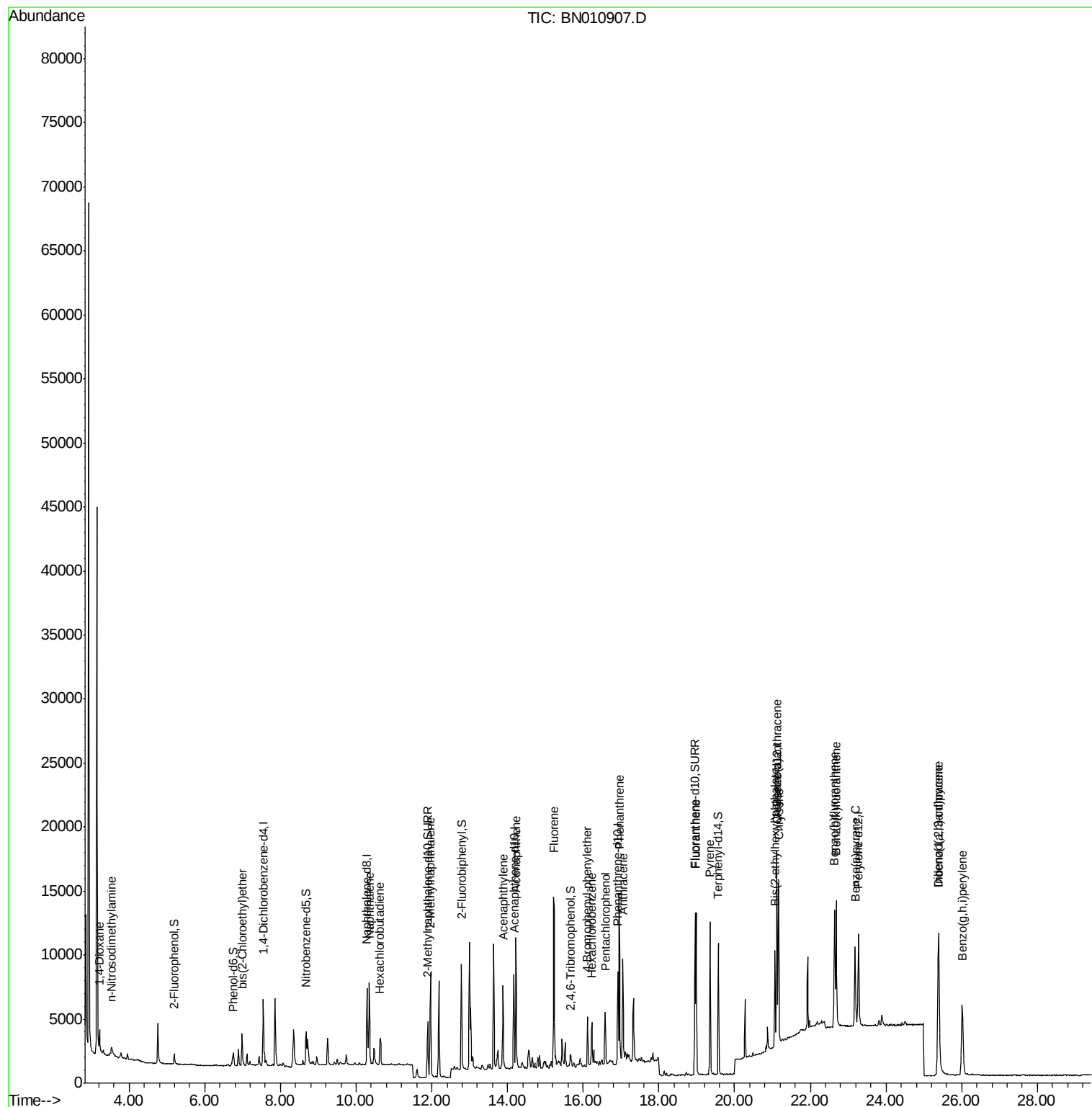
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1308	0.519	ng	# 90
3) n-Nitrosodimethylamine	3.53	42	742	0.506	ng	# 93
6) bis(2-Chloroethyl)ether	6.99	93	2370	0.415	ng	95
9) Naphthalene	10.34	128	8403	0.394	ng	99
10) Hexachlorobutadiene	10.63	225	1788	0.339	ng	# 98
12) 2-Methylnaphthalene	11.96	142	6103	0.428	ng	99
16) Acenaphthylene	13.88	152	7324	0.383	ng	99
17) Acenaphthene	14.22	154	4914	0.377	ng	99
18) Fluorene	15.22	166	6582	0.391	ng	96
20) 4-Bromophenyl-phenylether	16.11	248	1980	0.323	ng	# 79
21) Hexachlorobenzene	16.23	284	2157	0.337	ng	99
22) Pentachlorophenol	16.58	266	2385	1.110	ng	96
23) Phenanthrene	16.95	178	13872	0.497	ng	99
24) Anthracene	17.05	178	9033	0.388	ng	99
26) Fluoranthene	18.98	202	11473	0.362	ng	# 99
28) Pyrene	19.35	202	11671	0.383	ng	99
30) Benzo(a)anthracene	21.11	228	10805	0.399	ng	100
31) Chrysene	21.16	228	11737	0.372	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	5306	0.587	ng	98
33) Indeno(1,2,3-cd)pyrene	25.38	276	13650	0.387	ng	# 95
35) Benzo(b)fluoranthene	22.64	252	11737	0.361	ng	# 97
36) Benzo(k)fluoranthene	22.68	252	12568	0.362	ng	98
37) Benzo(a)pyrene	23.18	252	10216	0.366	ng	97
38) Dibenzo(a,h)anthracene	25.39	278	11452	0.360	ng	97
39) Benzo(g,h,i)perylene	26.01	276	12079	0.363	ng	# 97

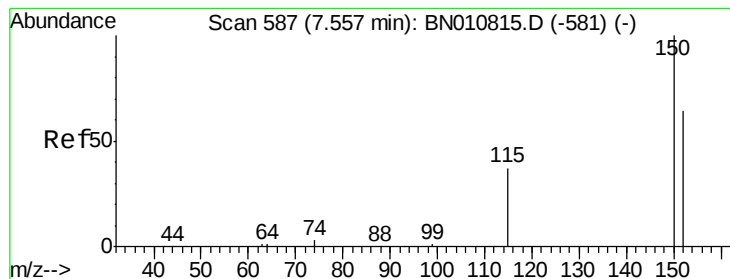
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

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ClientSampleId :

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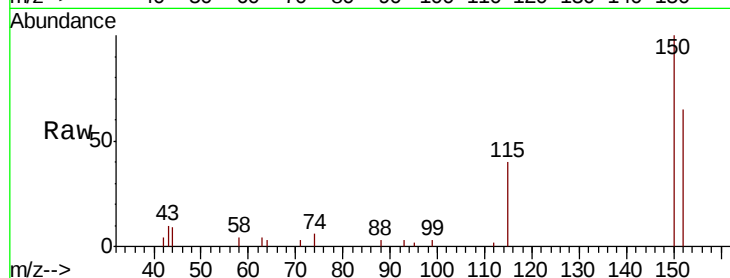
Tot Ion:152 Resp: 2574

Ion Ratio Lower Upper

152 100

150 153.4 123.8 185.6

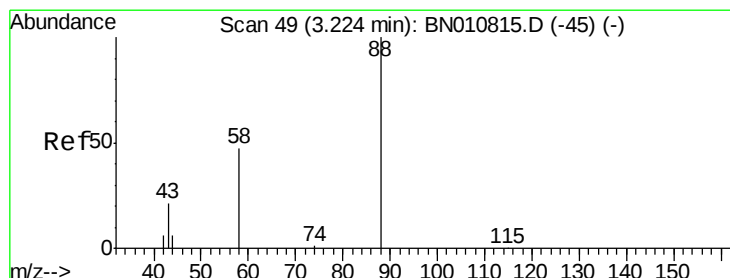
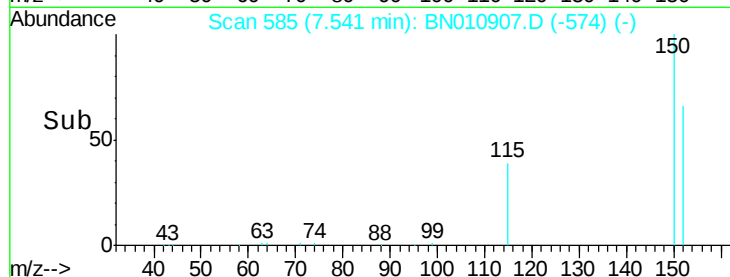
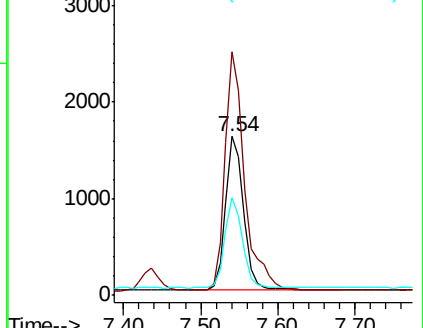
115 61.6 49.2 73.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.519 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

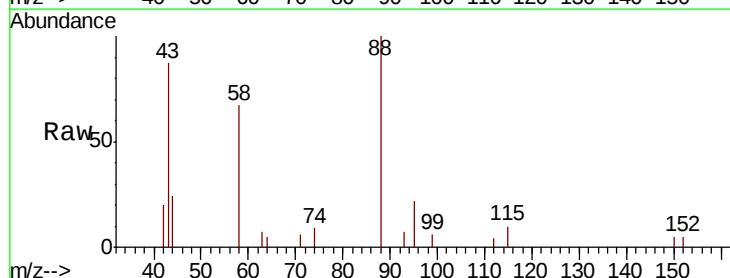
Tgt Ion: 88 Resp: 1308

Ion Ratio Lower Upper

88 100

58 47.3 38.2 57.4

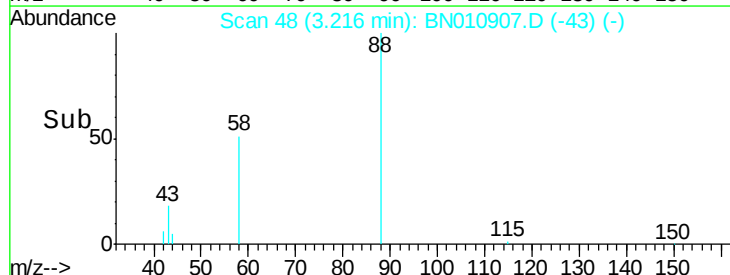
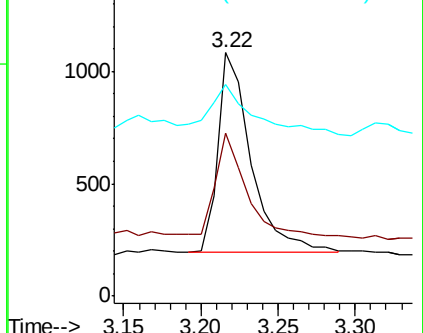
43 34.5 15.1 22.7#

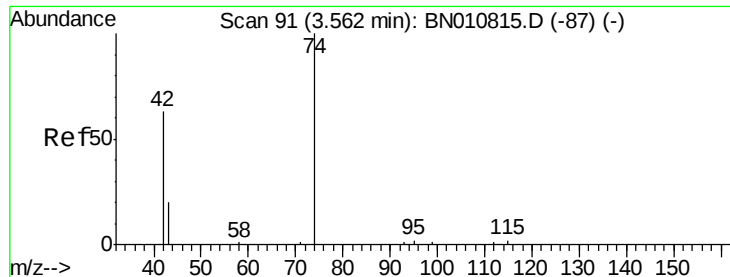


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0



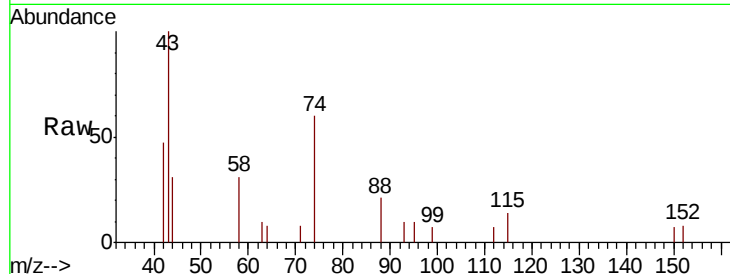


#3

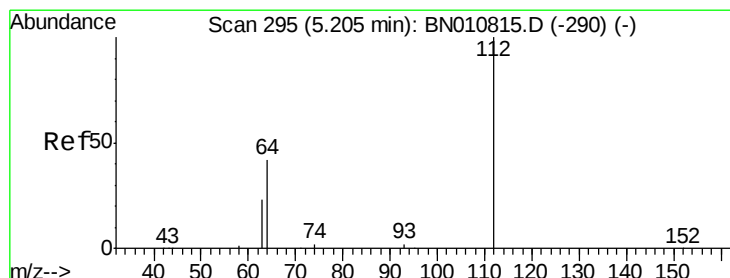
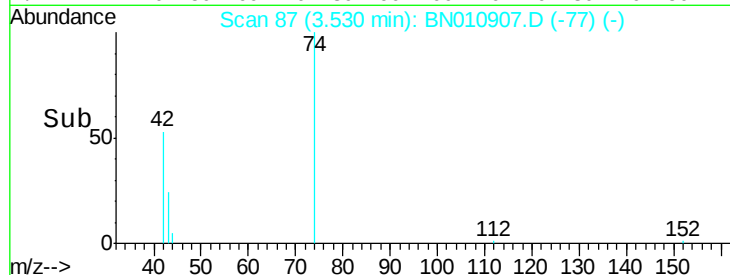
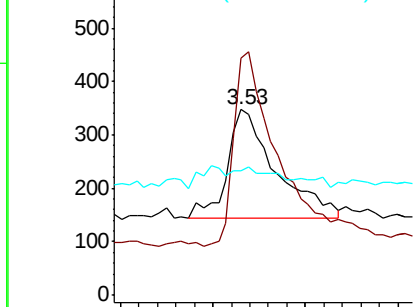
n-Nitrosodimethylamine
 Concen: 0.506 ng
 RT: 3.53 min Scan# 87
 Delta R.T. -0.02 min
 Lab File: BN010907.D
 Acq: 16 Jun 2020 15:19

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 RE117D1-20200611MSD

Tot Ion: 42 Resp: 742
 Ion Ratio Lower Upper
 42 100
 74 165.8 140.7 211.1
 44 0.0 1.4 2.2#



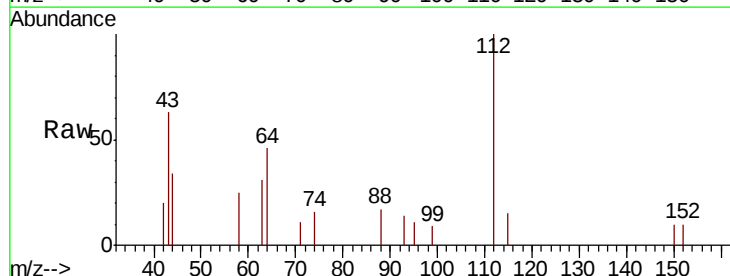
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



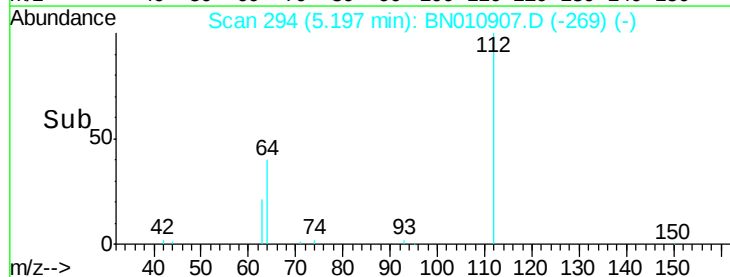
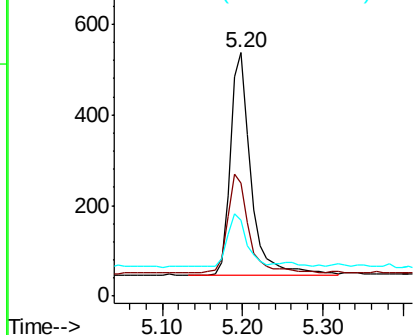
#4

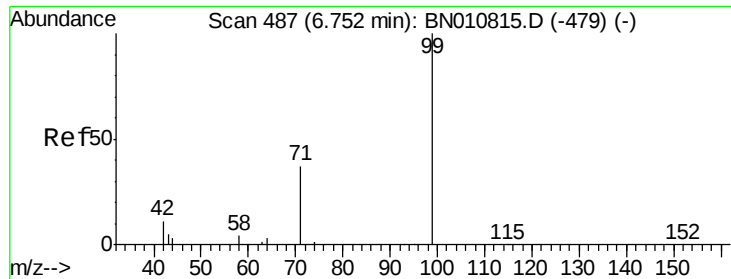
2-Fluorophenol
 Concen: 0.178 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN010907.D
 Acq: 16 Jun 2020 15:19

Tgt Ion: 112 Resp: 886
 Ion Ratio Lower Upper
 112 100
 64 44.4 37.4 56.0
 63 22.5 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: 0.112 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

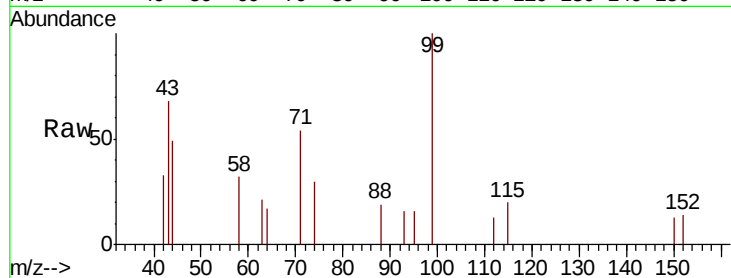
Tot Ion: 99 Resp: 657

Ion Ratio Lower Upper

99 100

42 20.1 11.1 16.7#

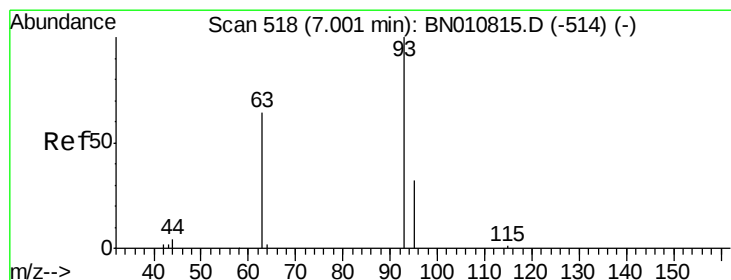
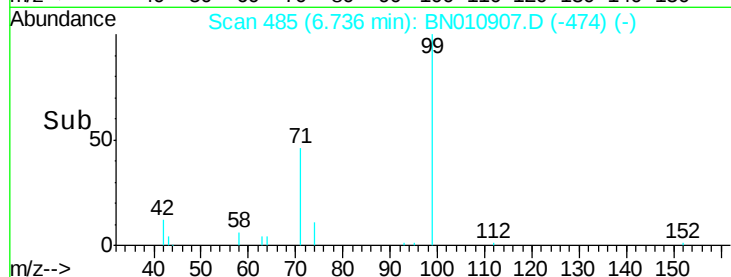
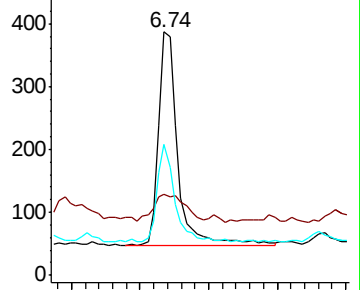
71 41.7 31.4 47.2



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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.415 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

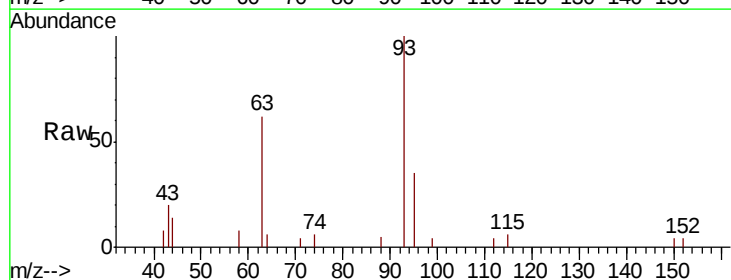
Tgt Ion: 93 Resp: 2370

Ion Ratio Lower Upper

93 100

63 57.1 49.4 74.2

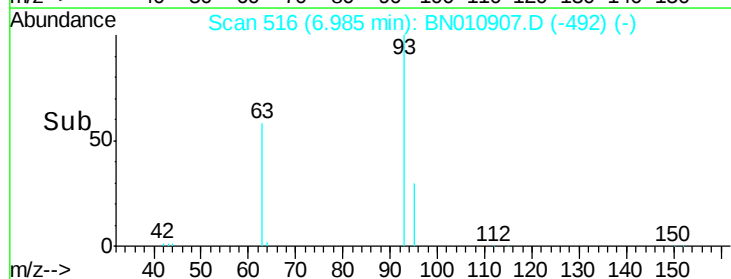
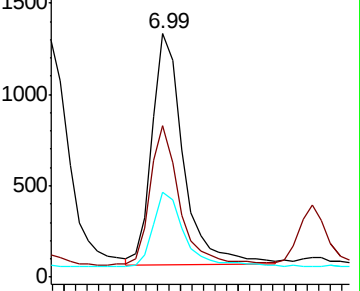
95 31.9 26.7 40.1

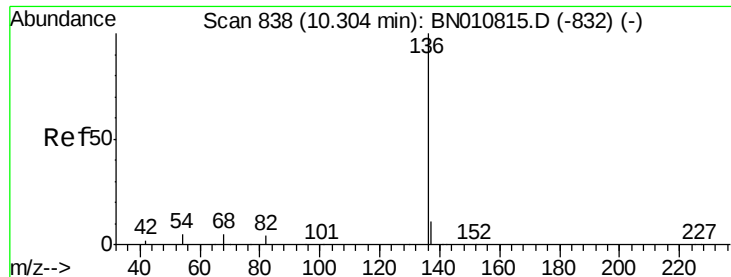


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

Tot Ion:136 Resp: 8480

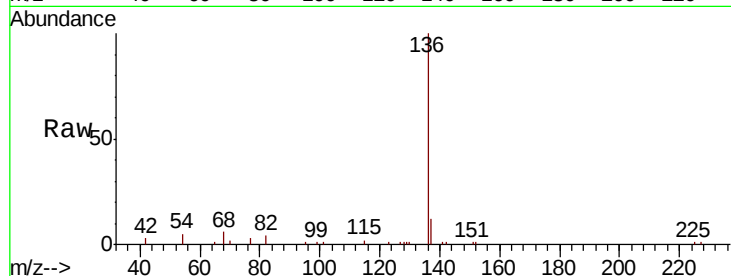
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 4.9 4.9 7.3#

68 5.8 4.7 7.1

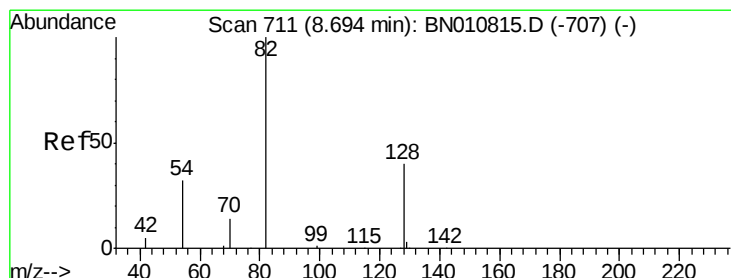
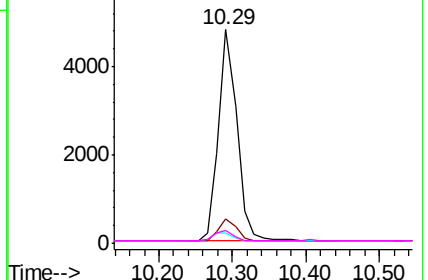
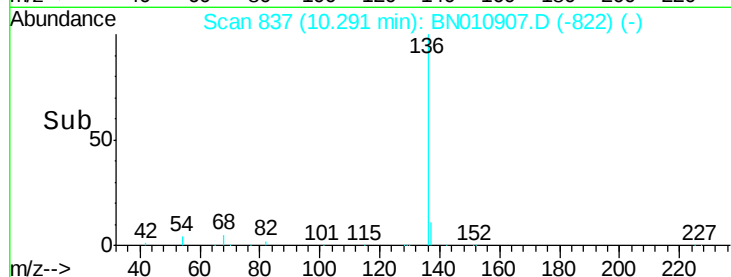


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.437 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

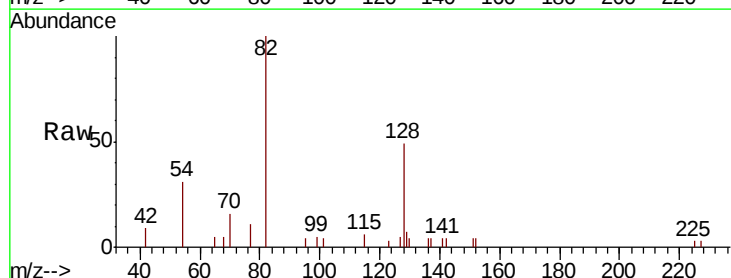
Tgt Ion: 82 Resp: 2743

Ion Ratio Lower Upper

82 100

128 49.2 35.4 53.0

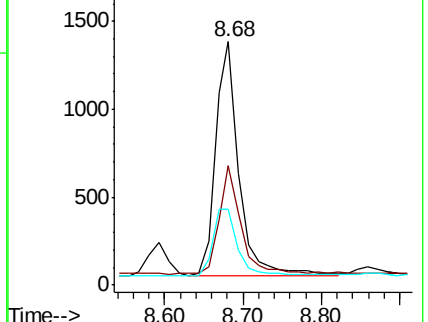
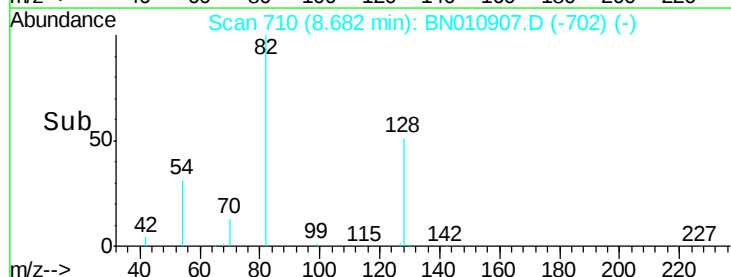
54 31.3 28.2 42.4

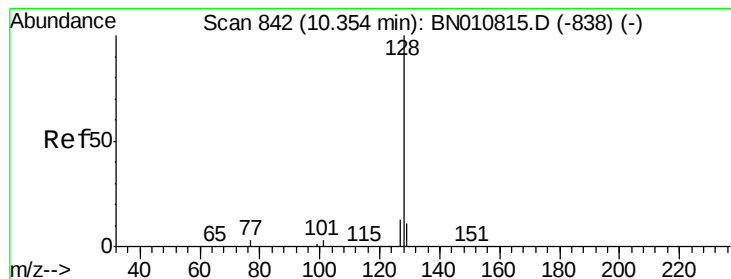


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.394 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

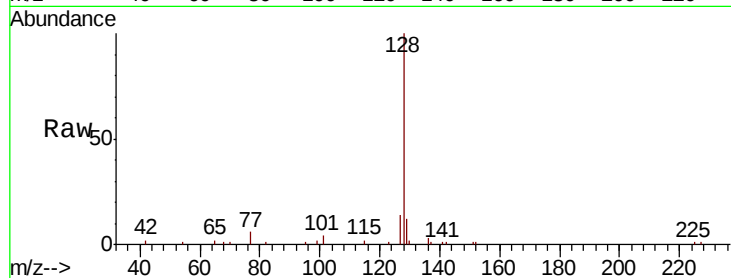
Tot Ion:128 Resp: 8403

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

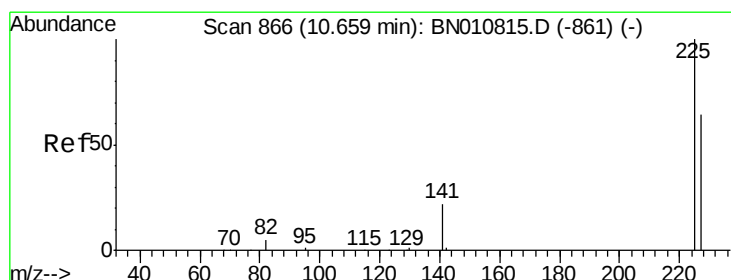
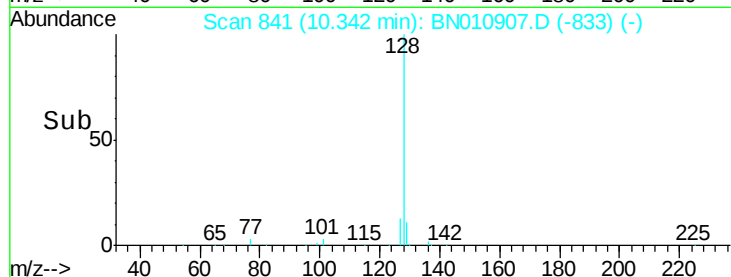
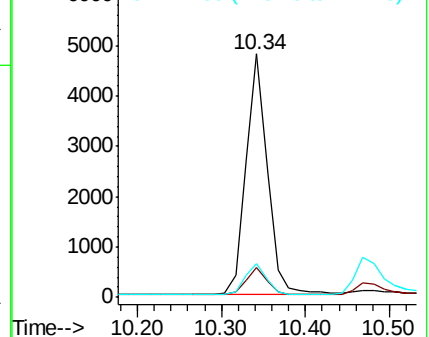
127 13.9 11.4 17.2



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: 0.339 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

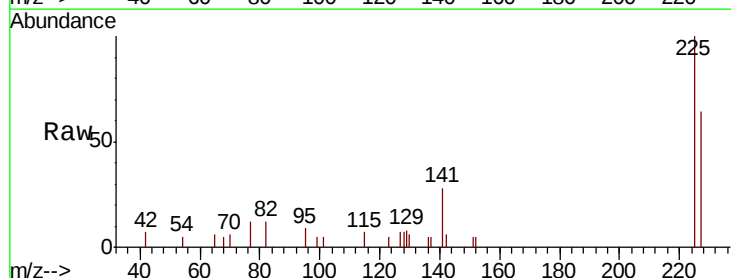
Tgt Ion:225 Resp: 1788

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

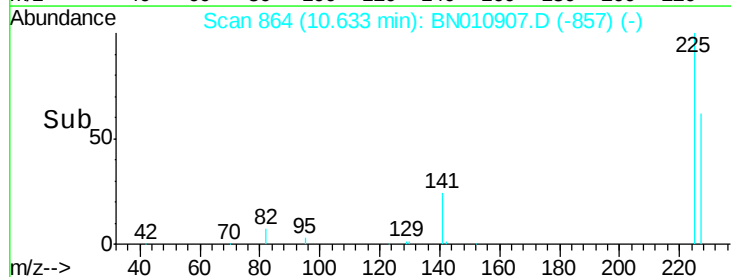
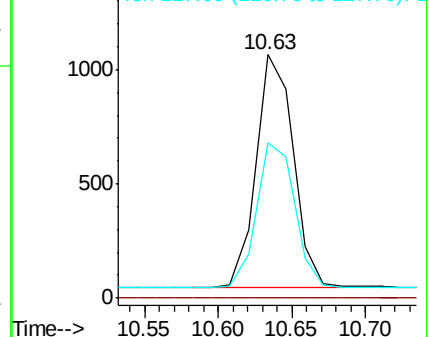
227 64.5 50.5 75.7

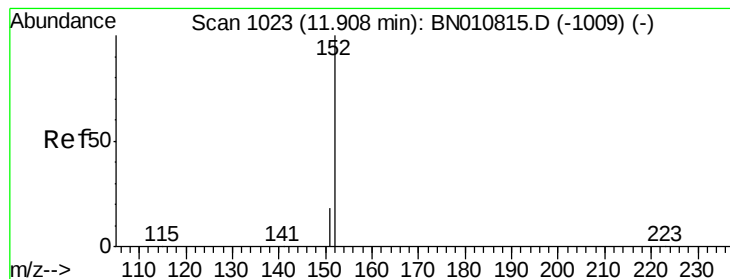


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.542 ng

RT: 11.89 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

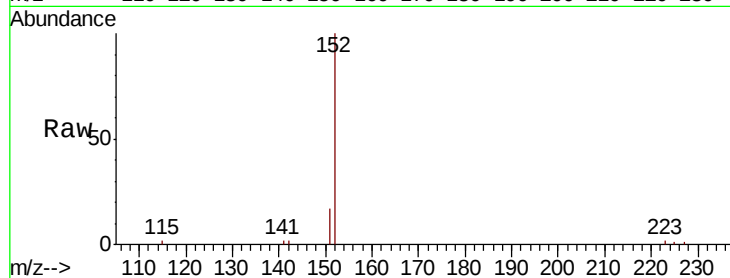
RE117D1-20200611MSD

Tot Ion:152 Resp: 7130

Ion Ratio Lower Upper

152 100

151 16.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.89

4000

3000

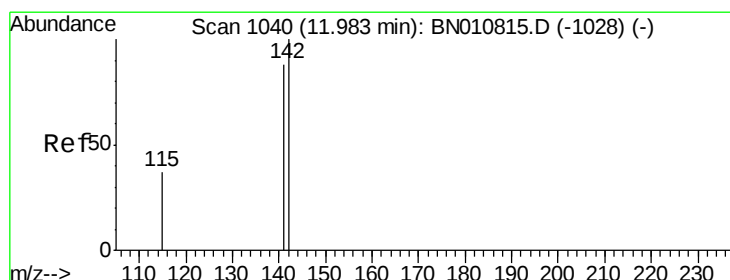
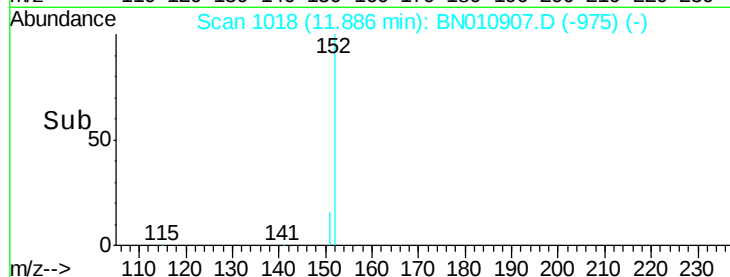
2000

1000

0

Time-->

11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.428 ng

RT: 11.96 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

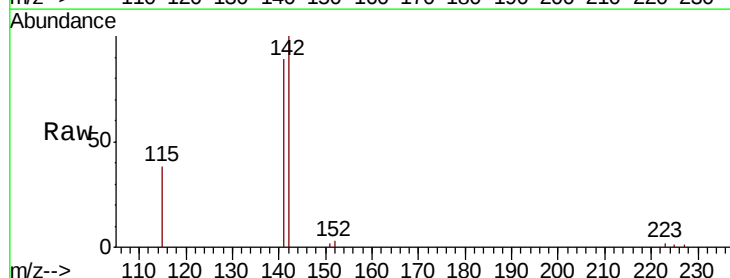
Tgt Ion:142 Resp: 6103

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

115 37.7 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

11.96

5000

4000

3000

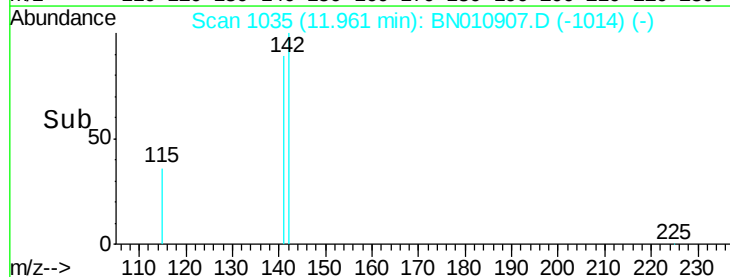
2000

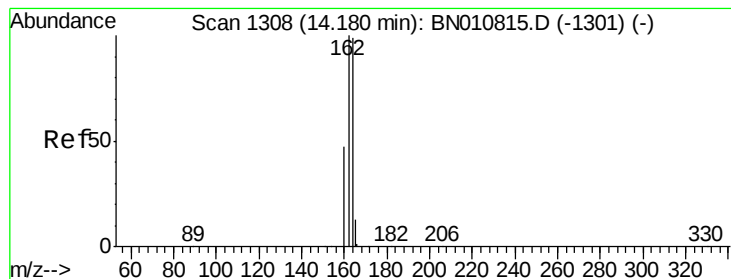
1000

0

Time-->

11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

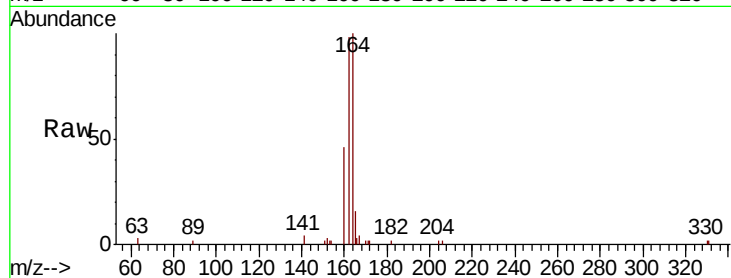
Tot Ion:164 Resp: 4667

Ion Ratio Lower Upper

164 100

162 98.4 81.0 121.6

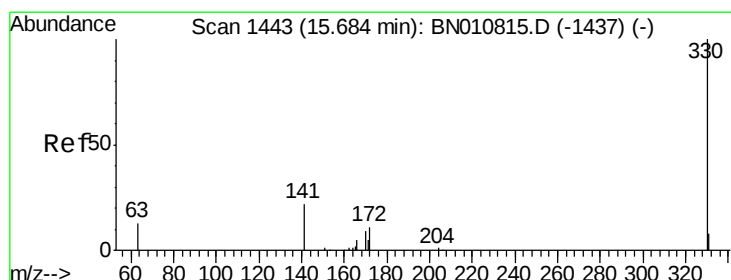
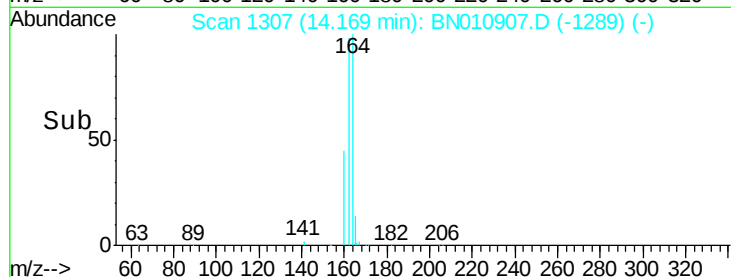
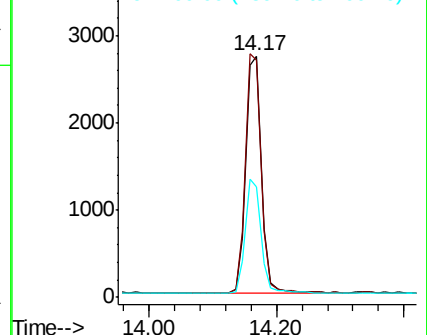
160 45.6 38.9 58.3



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: 0.388 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

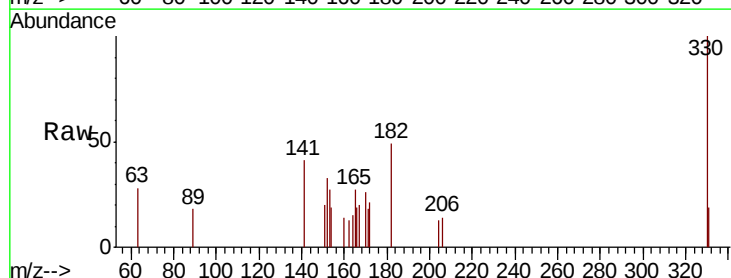
Tgt Ion:330 Resp: 647

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

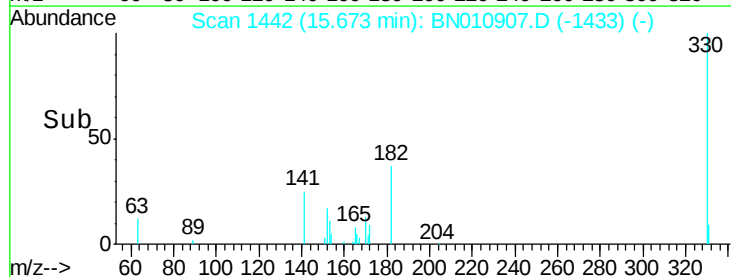
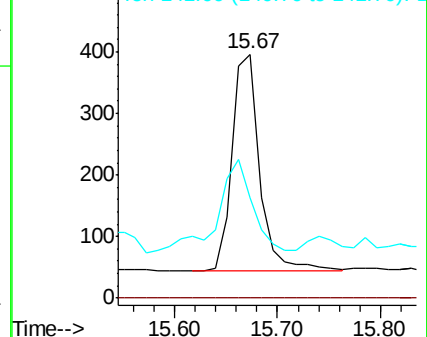
141 50.4 33.2 49.8#

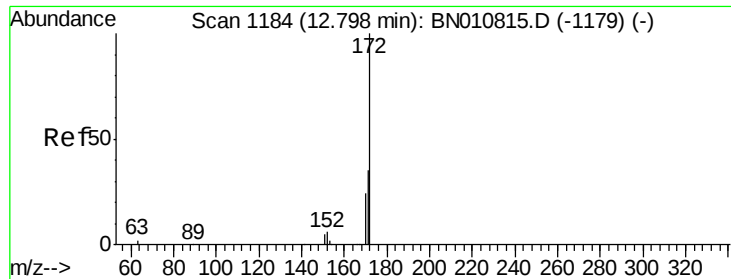


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

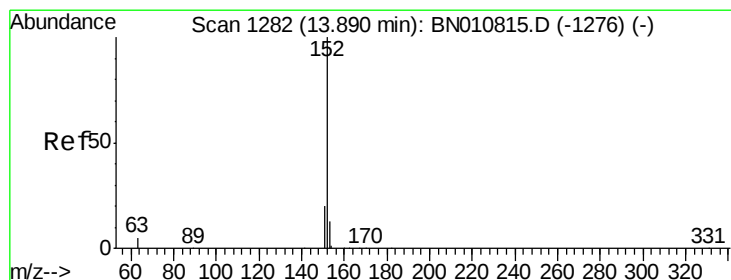
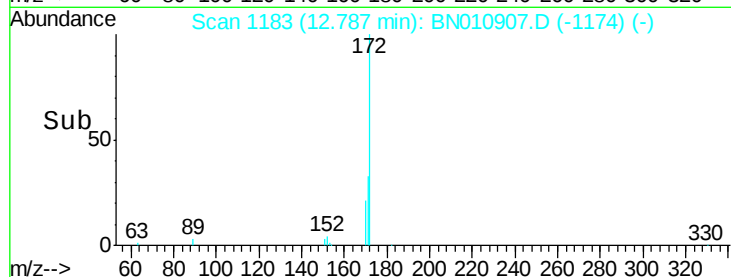
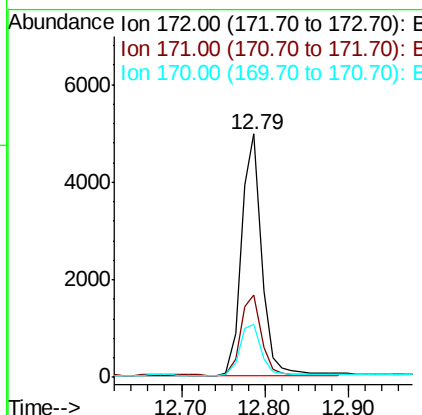
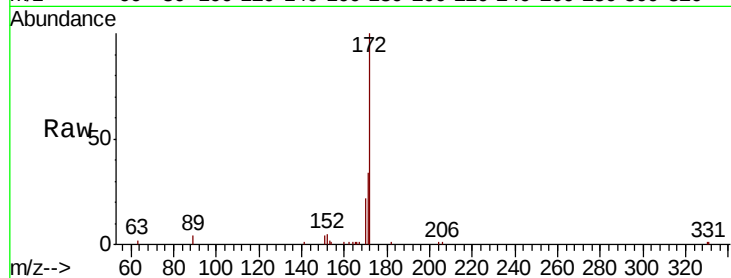




#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010907.D
Acq: 16 Jun 2020 15:19

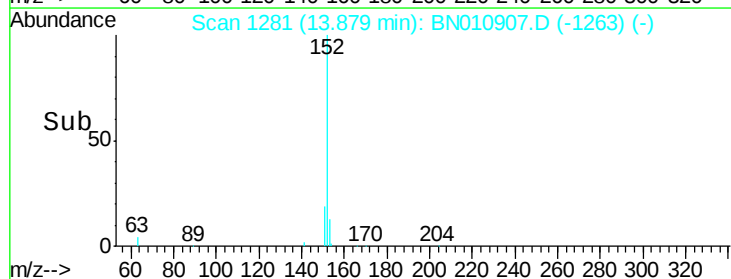
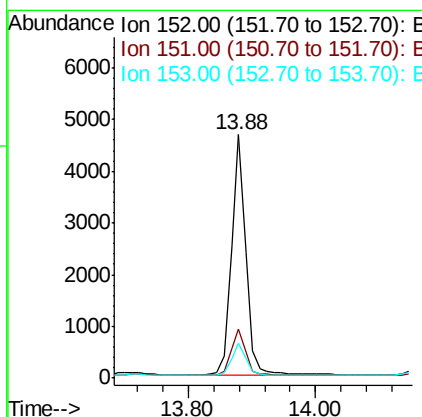
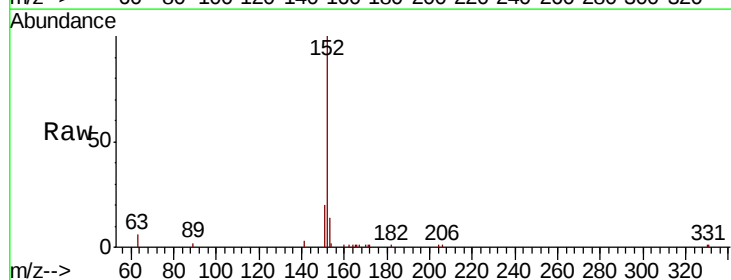
Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MSD

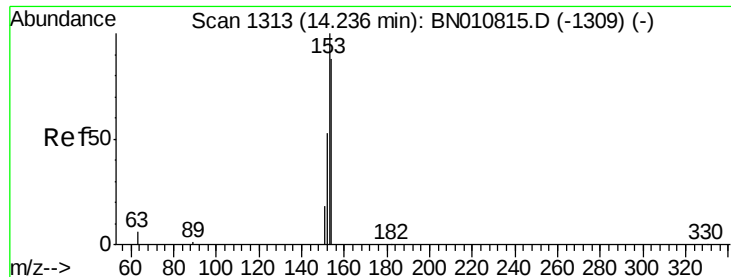
Tot Ion:172 Resp: 8203
Ion Ratio Lower Upper
172 100
171 33.7 28.5 42.7
170 21.7 19.7 29.5



#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010907.D
Acq: 16 Jun 2020 15:19

Tgt Ion:152 Resp: 7324
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.6 10.6 16.0





#17

Acenaphthene

Concen: 0.377 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

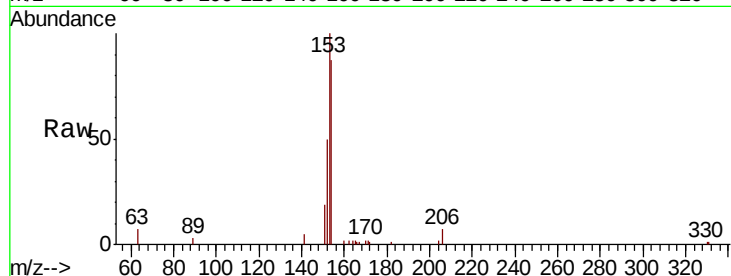
Tot Ion:154 Resp: 4914

Ion Ratio Lower Upper

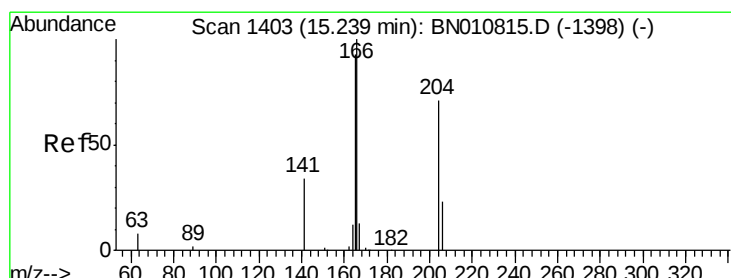
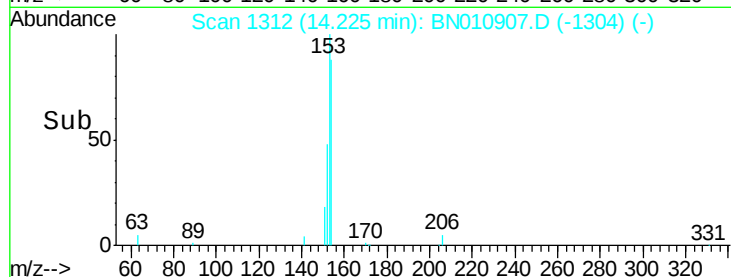
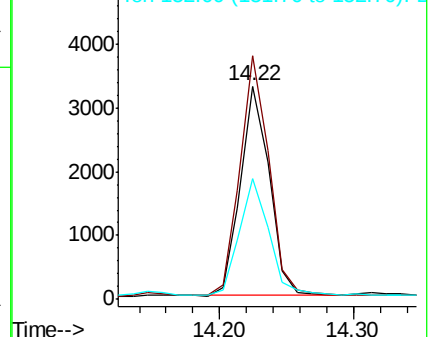
154 100

153 115.3 91.8 137.6

152 57.5 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: 0.391 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

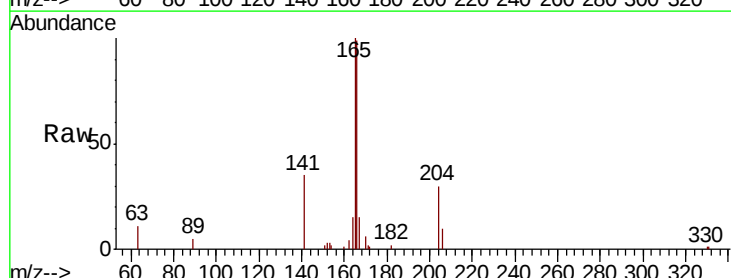
Tgt Ion:166 Resp: 6582

Ion Ratio Lower Upper

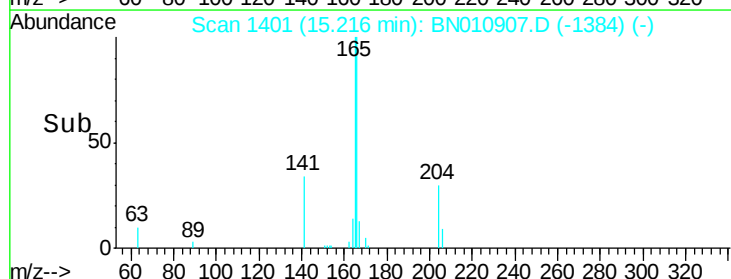
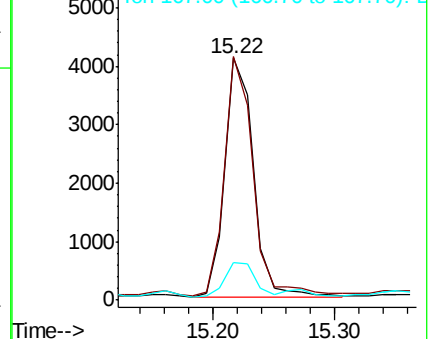
166 100

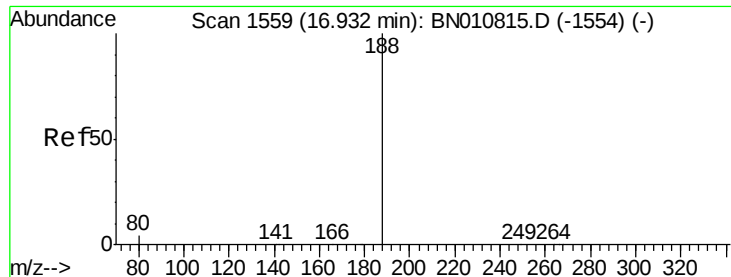
165 100.5 77.2 115.8

167 14.8 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: 16.91 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

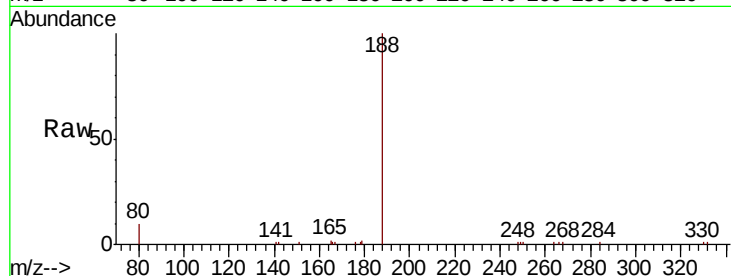
Tot Ion:188 Resp: 10210

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

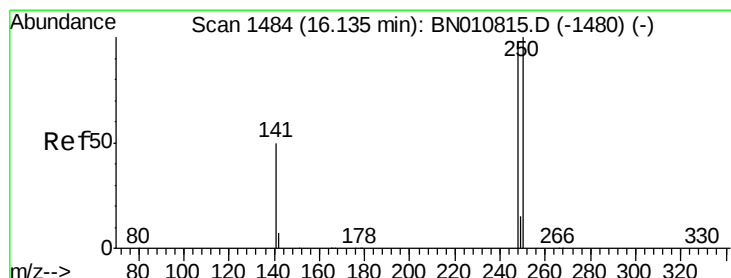
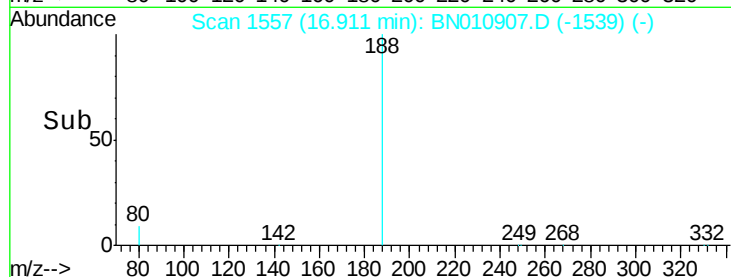
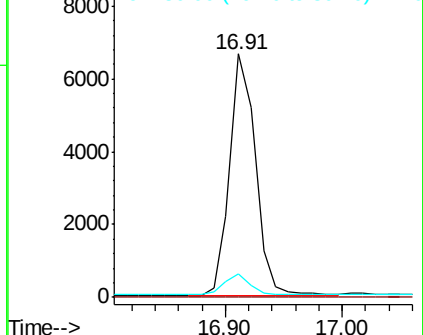
80 9.8 4.5 6.7#



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



#20

4-Bromophenyl-phenylether

Concen: 0.323 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

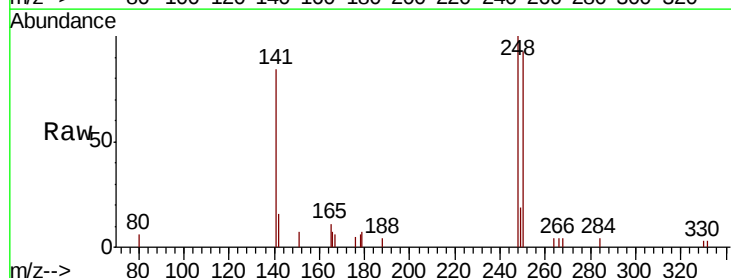
Tgt Ion:248 Resp: 1980

Ion Ratio Lower Upper

248 100

250 93.0 81.8 122.8

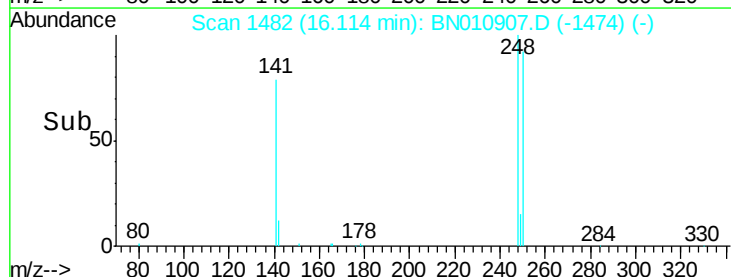
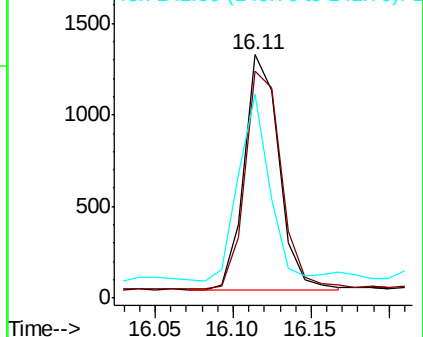
141 83.5 42.6 64.0#

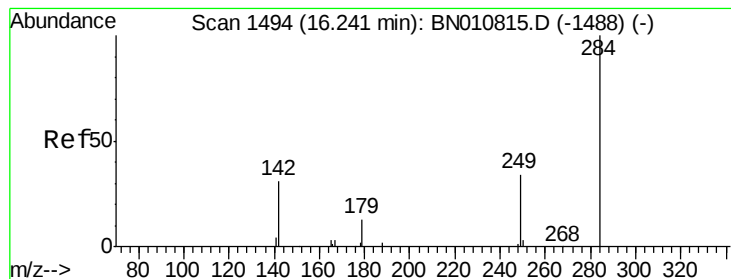


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.337 ng

RT: 16.23 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

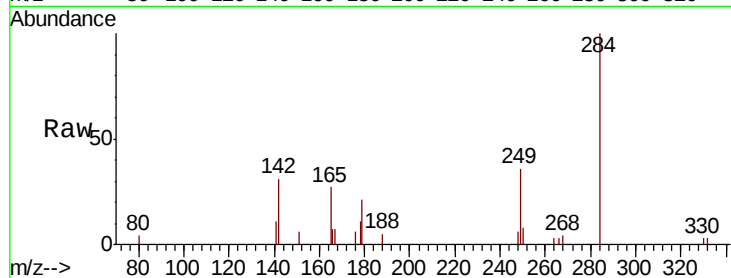
Tot Ion:284 Resp: 2157

Ion Ratio Lower Upper

284 100

142 38.9 31.0 46.4

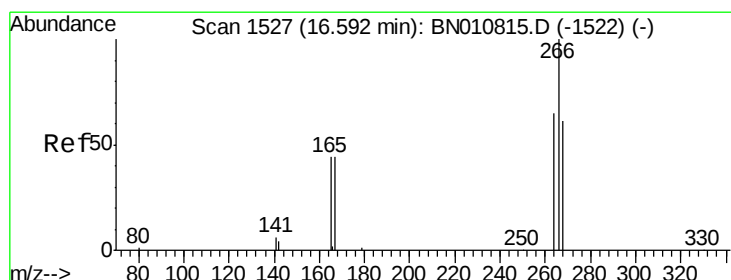
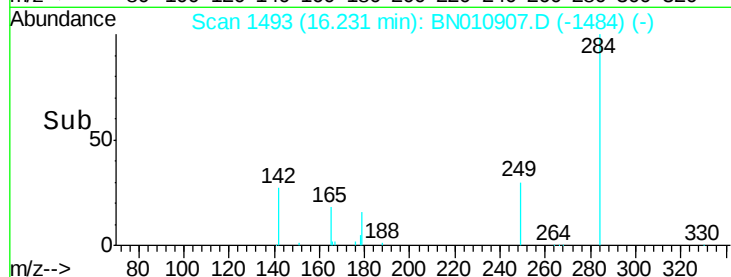
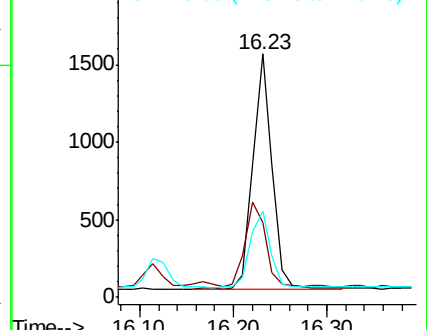
249 34.6 27.1 40.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.110 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

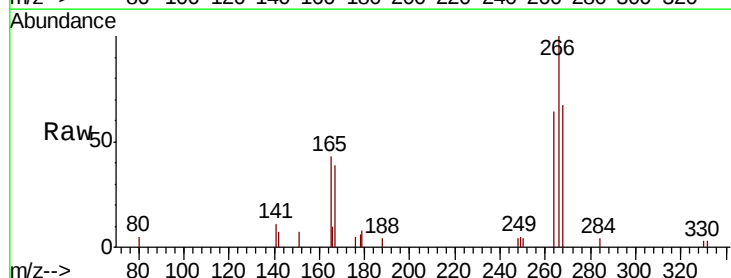
Tgt Ion:266 Resp: 2385

Ion Ratio Lower Upper

266 100

264 64.2 54.8 82.2

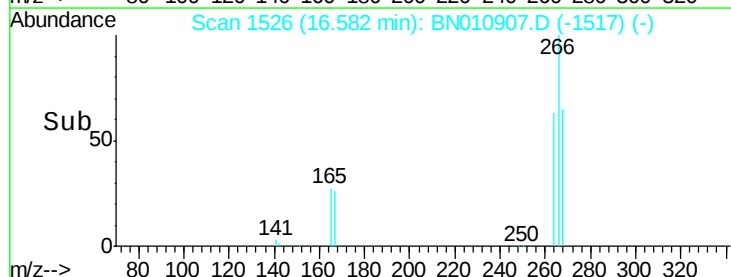
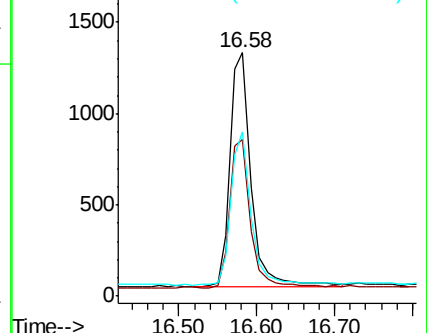
268 67.4 55.9 83.9

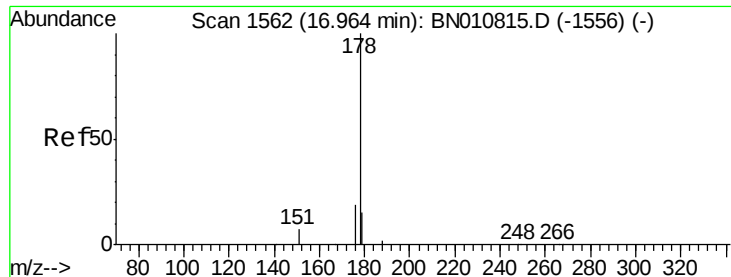


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.497 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

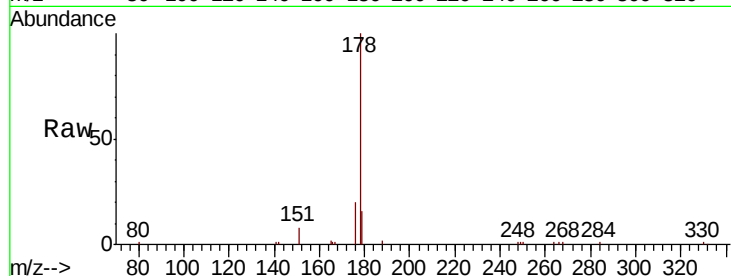
Tot Ion:178 Resp: 13872

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

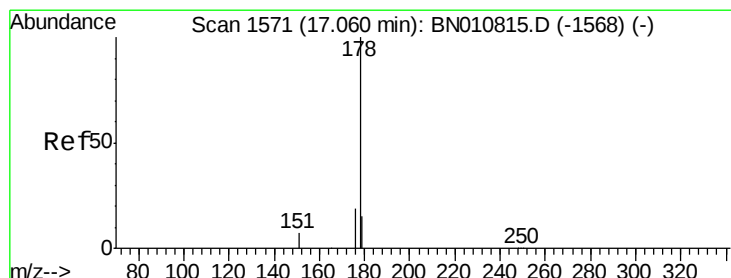
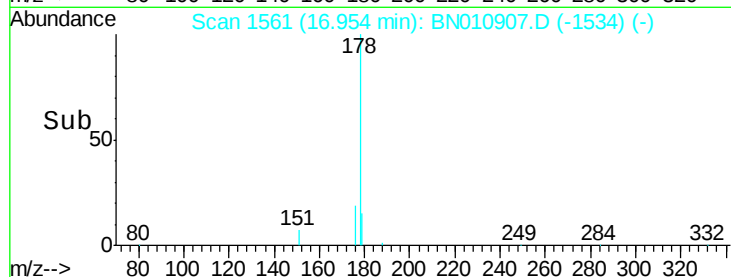
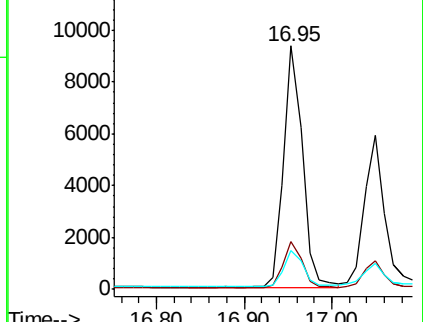
179 16.2 12.6 19.0



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: 0.388 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

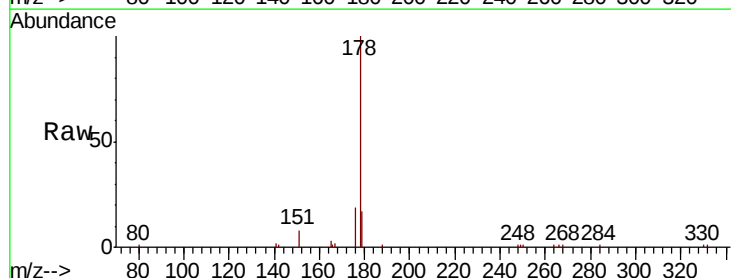
Tgt Ion:178 Resp: 9033

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

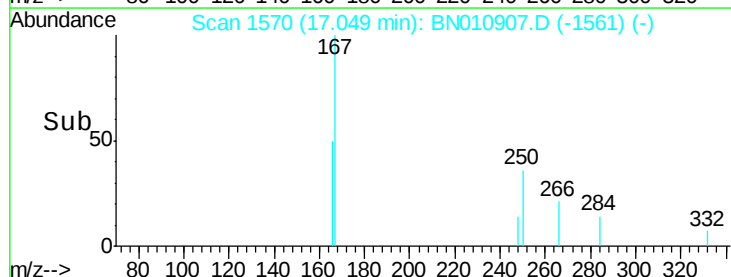
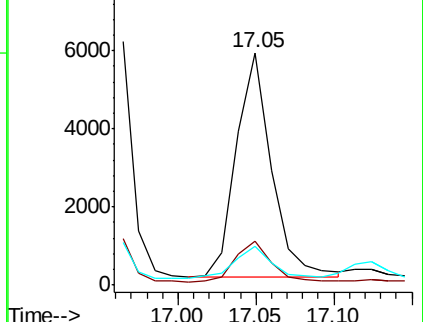
179 15.4 12.3 18.5

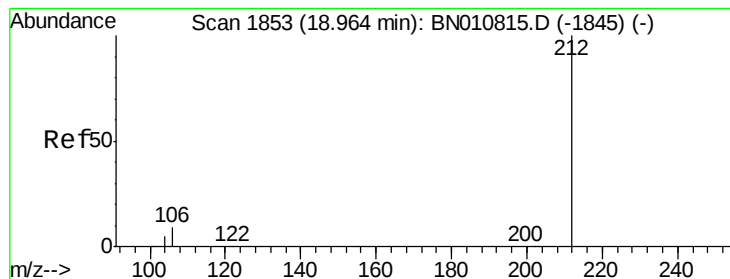


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.527 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

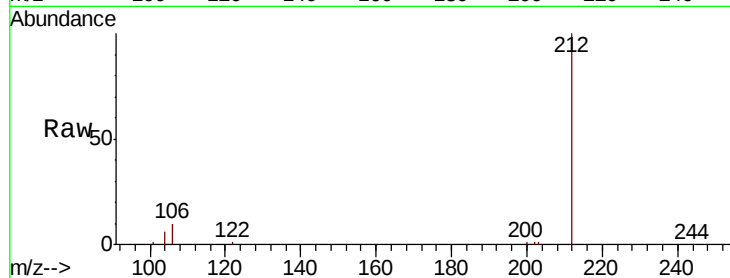
Tot Ion:212 Resp: 14852

Ion Ratio Lower Upper

212 100

106 9.8 6.6 10.0

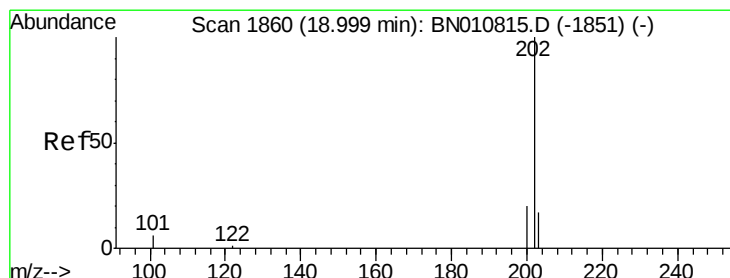
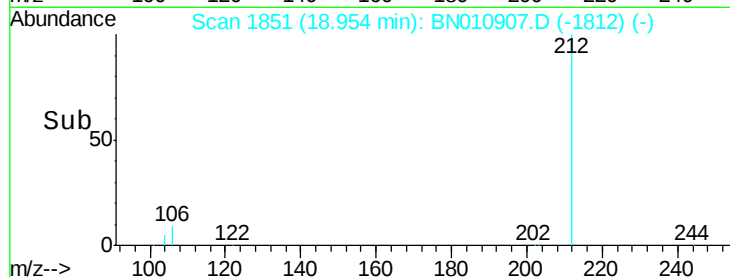
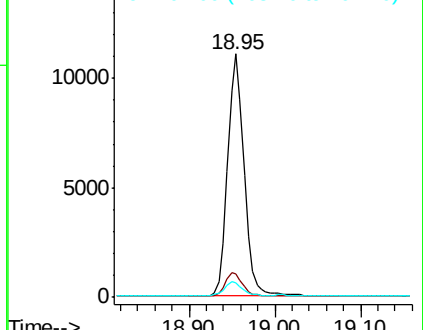
104 5.7 4.0 6.0



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: 0.362 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

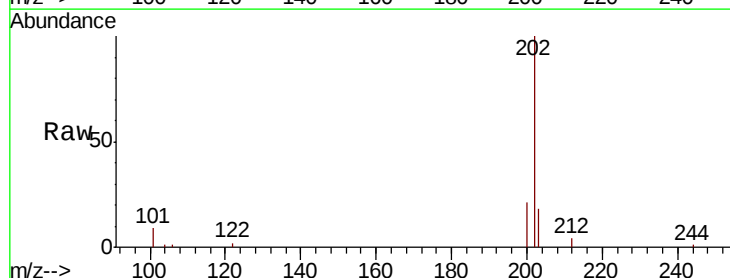
Tgt Ion:202 Resp: 11473

Ion Ratio Lower Upper

202 100

101 8.7 5.8 8.6#

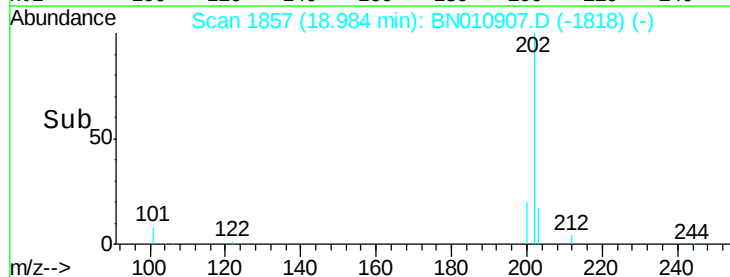
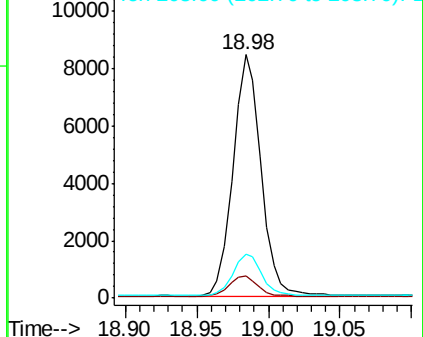
203 17.2 13.7 20.5

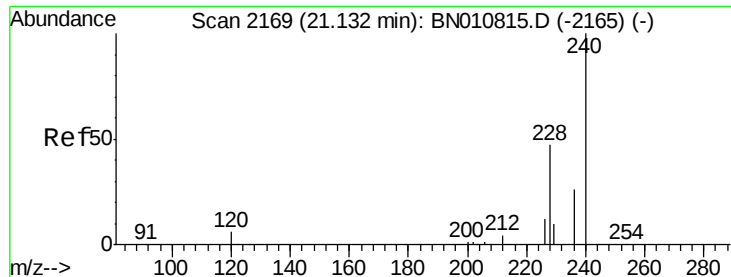


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

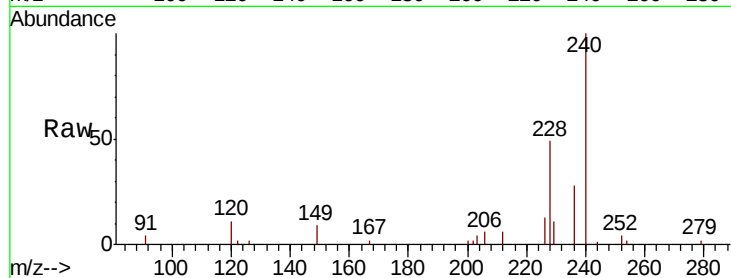




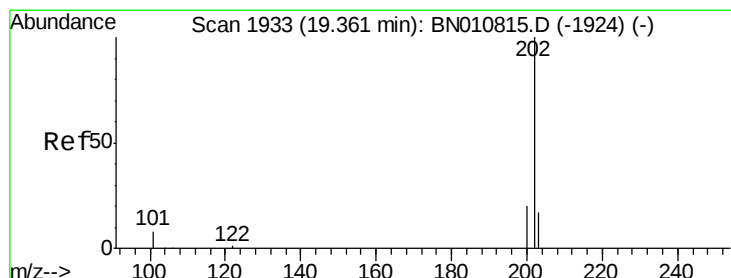
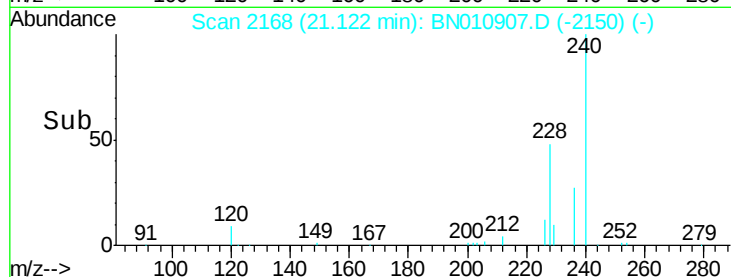
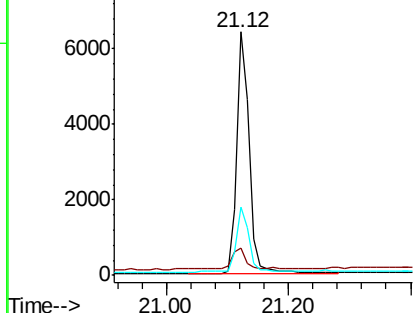
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010907.D
Acq: 16 Jun 2020 15:19

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MSD

Tot Ion:240 Resp: 9221
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 28.2 22.3 33.5

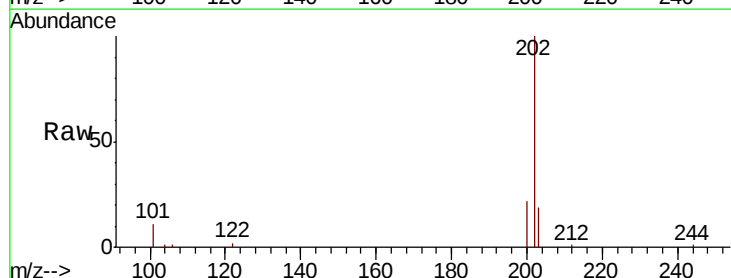


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

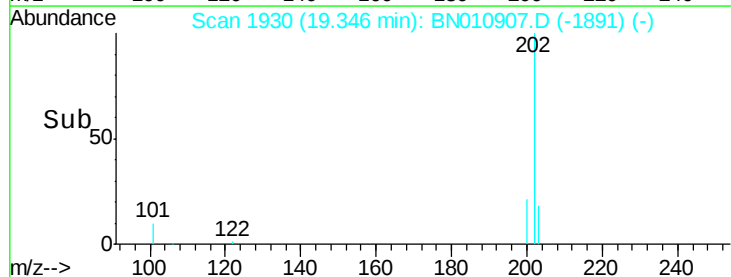
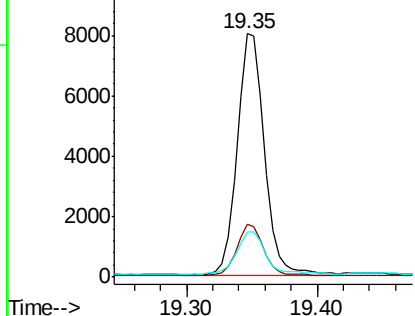


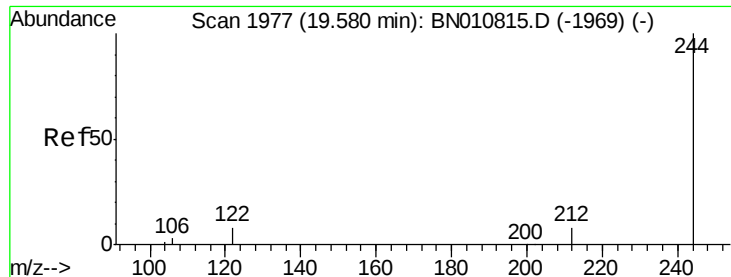
#28
Pyrene
Concen: 0.383 ng
RT: 19.35 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BN010907.D
Acq: 16 Jun 2020 15:19

Tgt Ion:202 Resp: 11671
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 18.9 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: 0.527 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

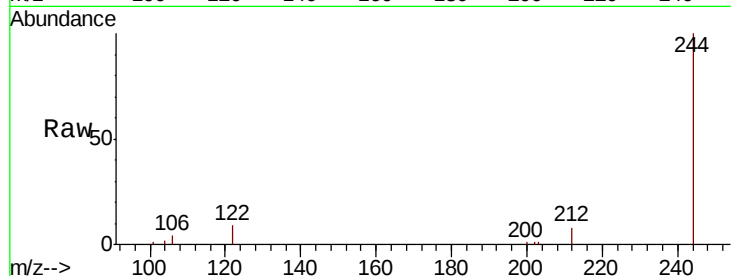
Tot Ion:244 Resp: 11373

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

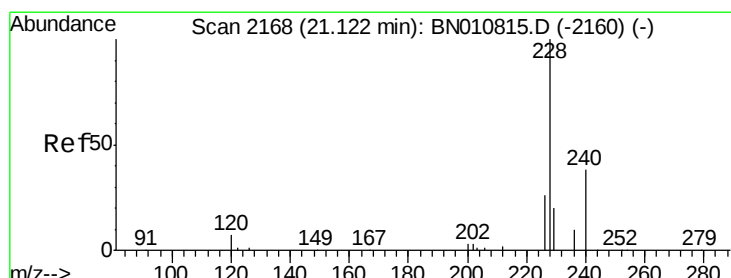
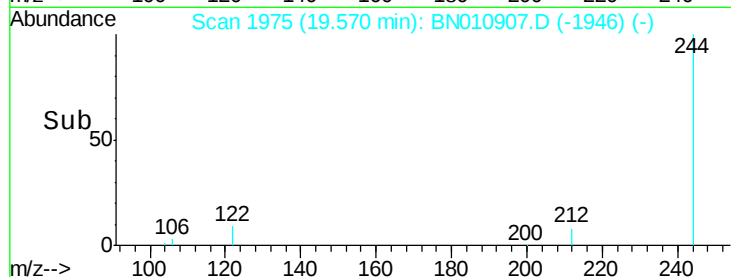
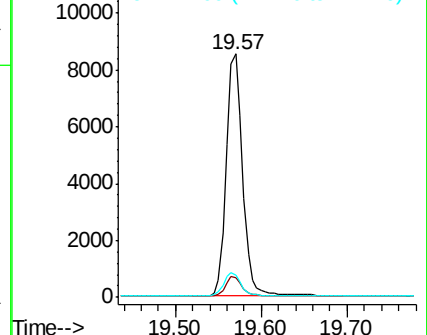
122 9.3 7.5 11.3



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: 0.399 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

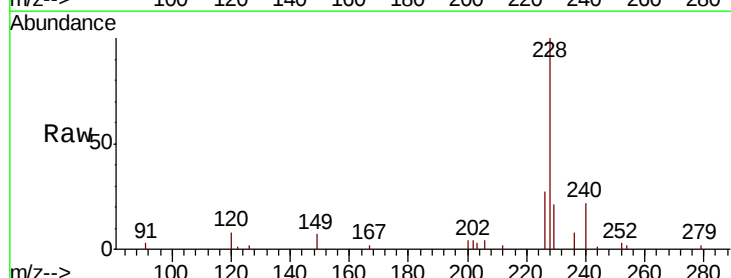
Tgt Ion:228 Resp: 10805

Ion Ratio Lower Upper

228 100

226 26.5 21.3 31.9

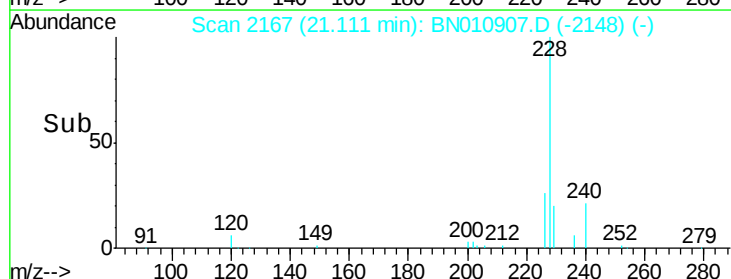
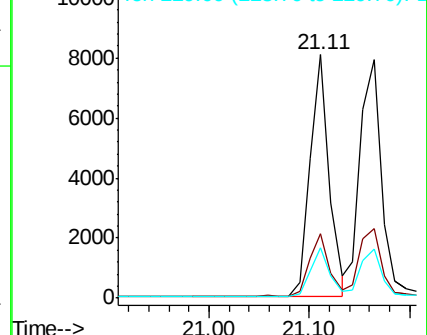
229 20.5 16.6 24.8

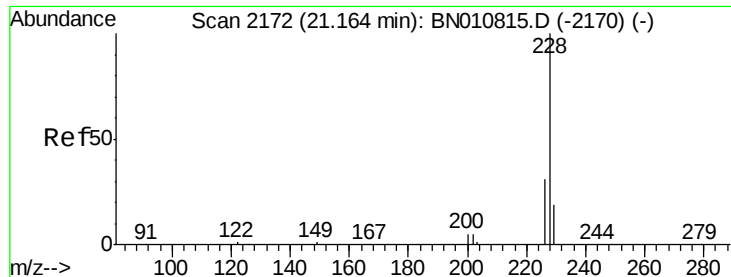


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.372 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

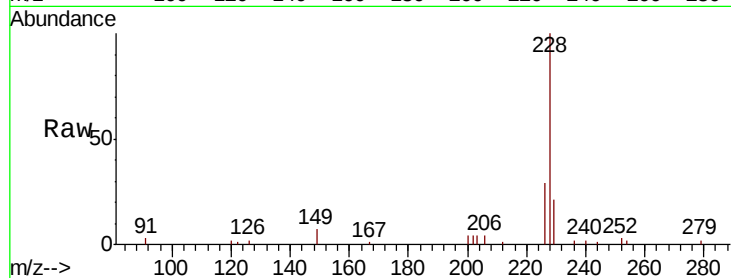
Tot Ion:228 Resp: 11737

Ion Ratio Lower Upper

228 100

226 29.4 25.0 37.6

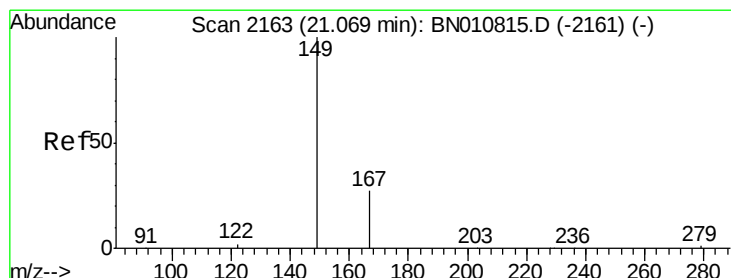
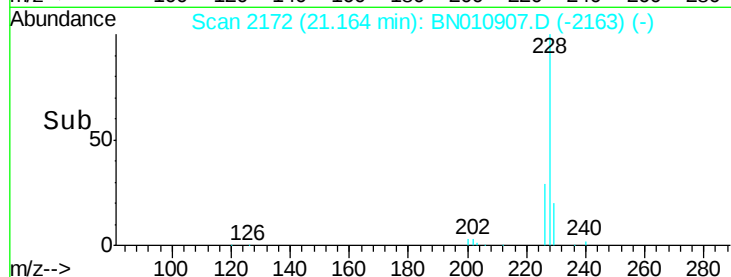
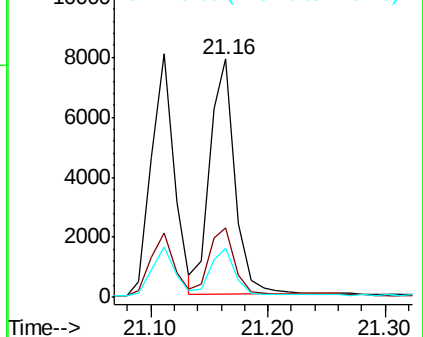
229 20.8 16.1 24.1



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: 0.587 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

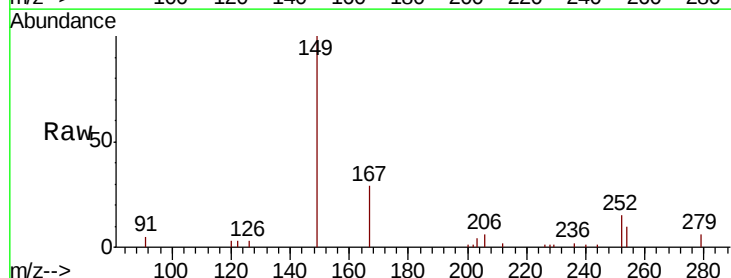
Tgt Ion:149 Resp: 5306

Ion Ratio Lower Upper

149 100

167 28.8 24.1 36.1

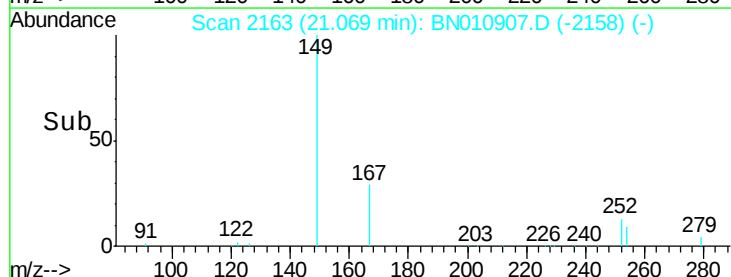
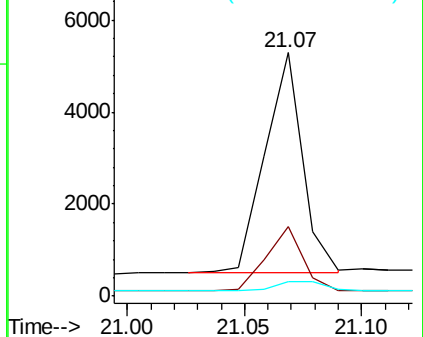
279 5.0 4.6 7.0

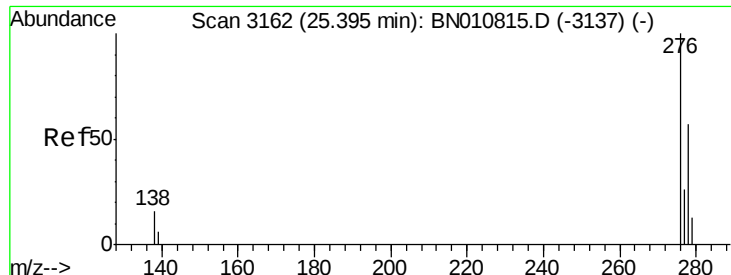


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.387 ng

RT: 25.38 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

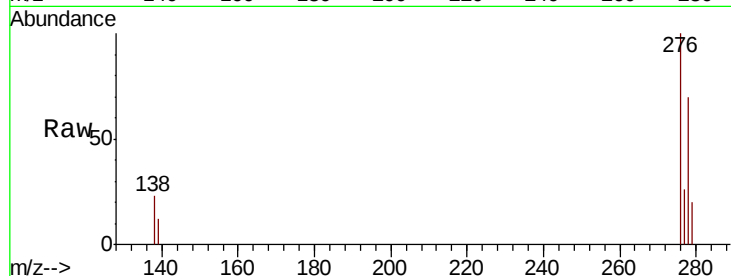
Tot Ion:276 Resp: 13650

Ion Ratio Lower Upper

276 100

138 20.7 13.0 19.6#

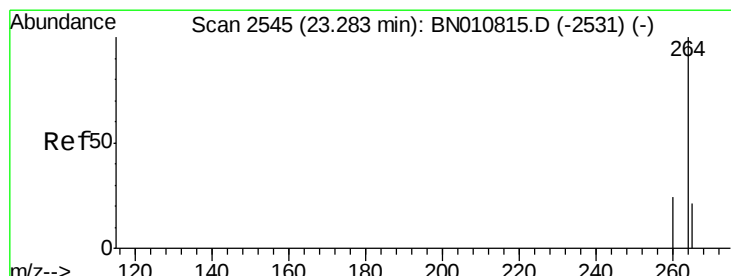
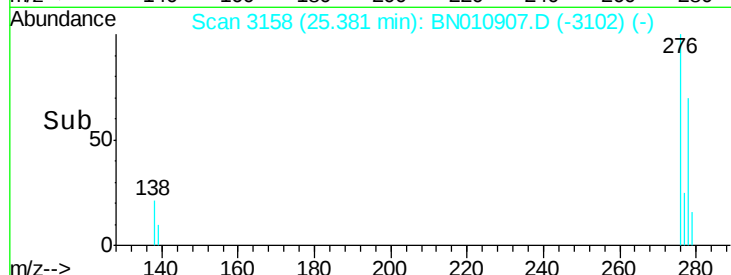
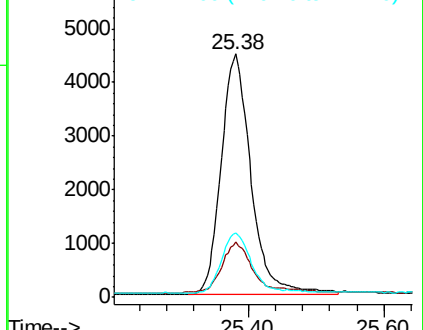
277 25.0 19.7 29.5



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: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

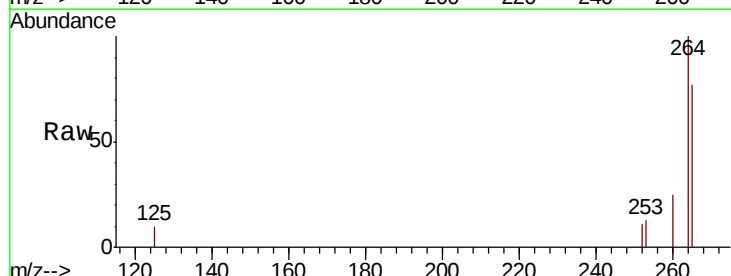
Tgt Ion:264 Resp: 9573

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

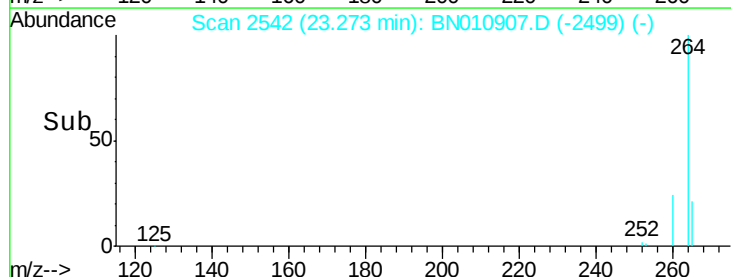
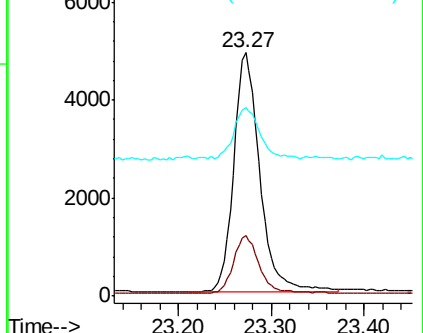
265 77.3 75.0 112.4

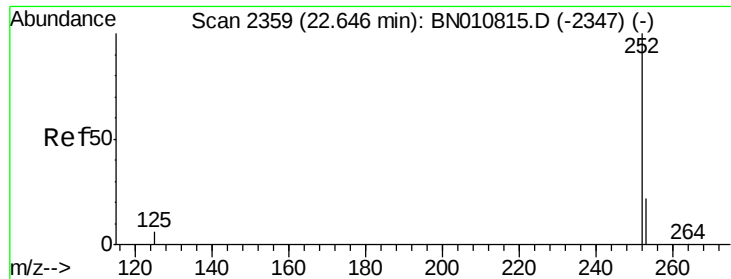


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.361 ng

RT: 22.64 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

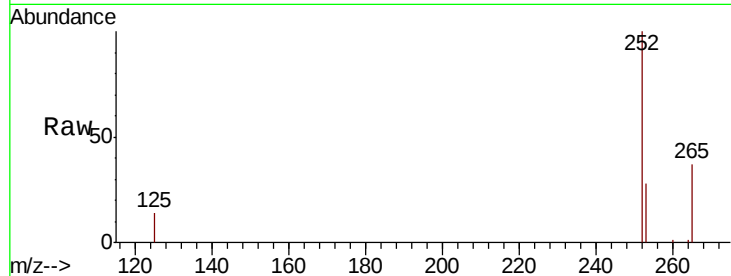
Tot Ion:252 Resp: 11737

Ion Ratio Lower Upper

252 100

253 28.5 22.4 33.6

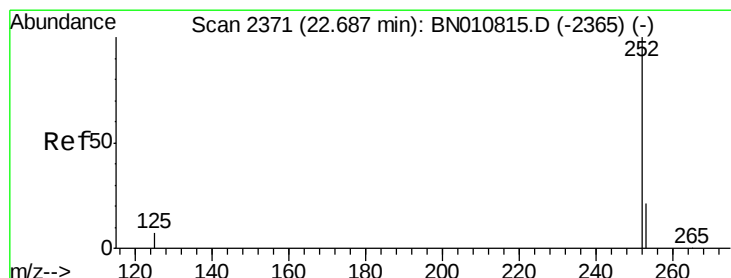
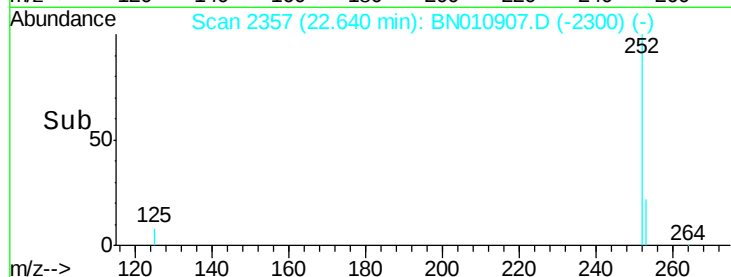
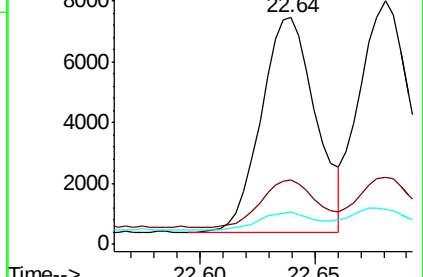
125 14.4 9.4 14.0#



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: 0.362 ng

RT: 22.68 min Scan# 2369

Delta R.T. -0.00 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

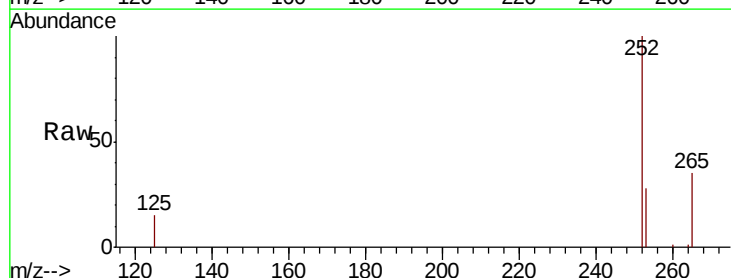
Tgt Ion:252 Resp: 12568

Ion Ratio Lower Upper

252 100

253 27.5 22.2 33.4

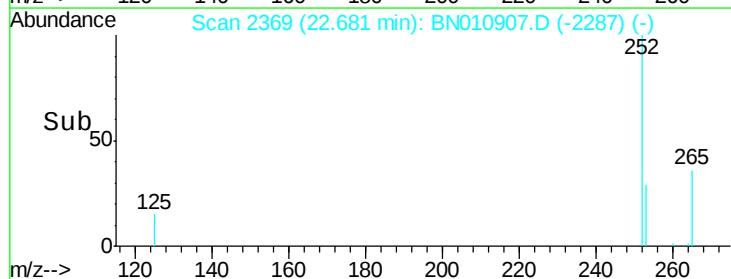
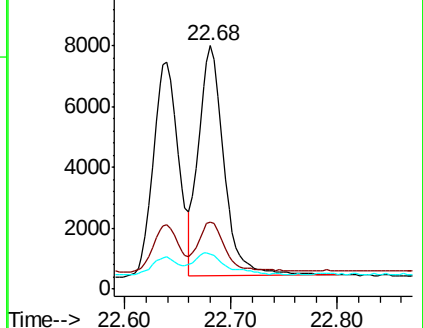
125 14.6 9.8 14.8

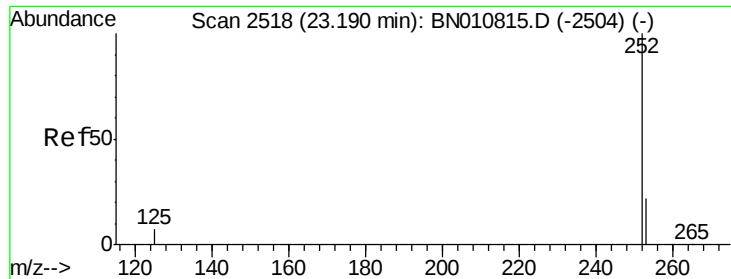


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.366 ng

RT: 23.18 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD

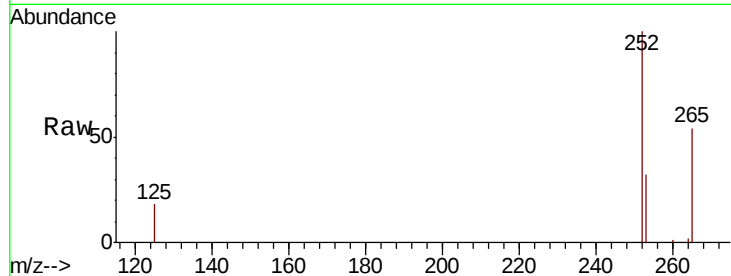
Tot Ion:252 Resp: 10216

Ion Ratio Lower Upper

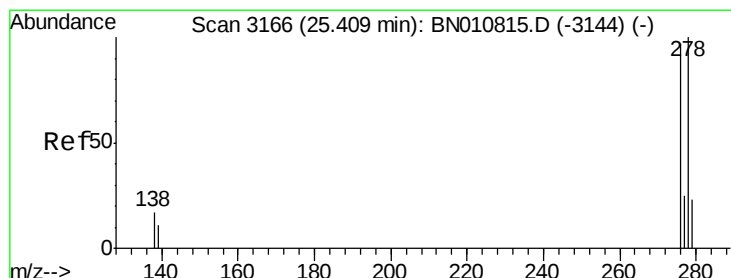
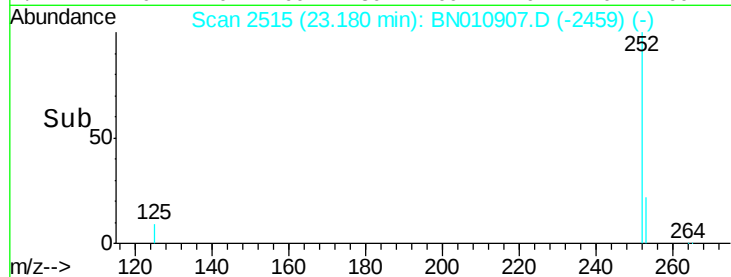
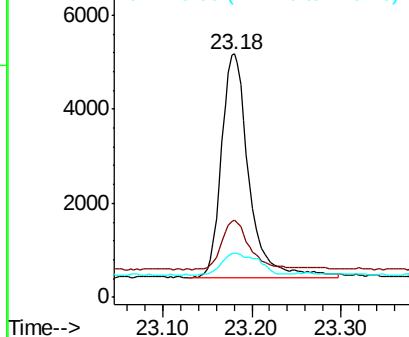
252 100

253 31.5 25.8 38.8

125 18.1 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: 0.360 ng

RT: 25.39 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BN010907.D

Acq: 16 Jun 2020 15:19

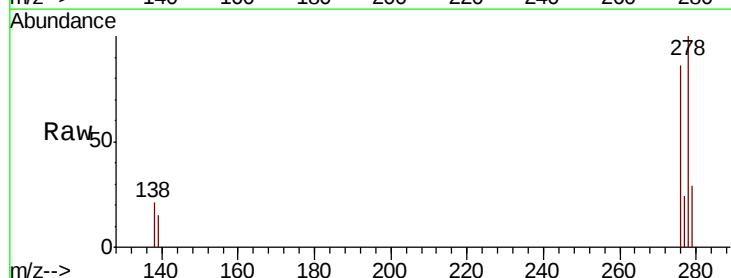
Tgt Ion:278 Resp: 11452

Ion Ratio Lower Upper

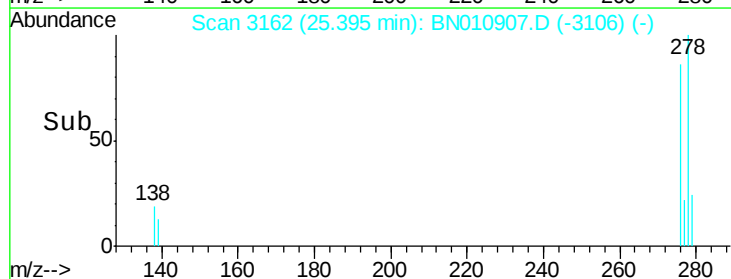
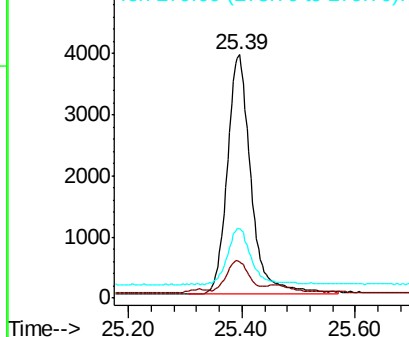
278 100

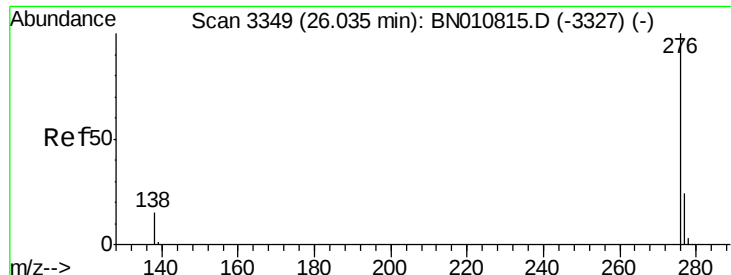
139 15.1 10.6 15.8

279 28.7 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: 0.363 ng

RT: 26.01 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BN010907.D

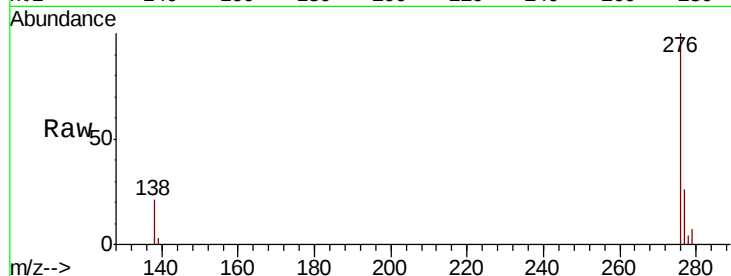
Acq: 16 Jun 2020 15:19

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MSD



Tot Ion:276 Resp: 12079

Ion Ratio Lower Upper

276 100

277 25.6 20.5 30.7

138 20.5 13.7 20.5#

