

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
 Data File : BN010911.D
 Acq On : 16 Jun 2020 17:41
 Operator : CG/JU
 Sample : L2988-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20200608MSD

Quant Time: Jun 16 18:11:10 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	2435	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	9664	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	4762	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9755	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	9968	0.40	ng	-0.01
34) Perylene-d12	23.27	264	10574	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	688	0.15	ng	0.00
5) Phenol-d6	6.74	99	496	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	2270	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4826	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	565	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	6513	0.35	ng	0.00
25) Fluoranthene-d10	18.95	212	11552	0.43	ng	0.00
29) Terphenyl-d14	19.56	244	10648	0.46	ng	0.00

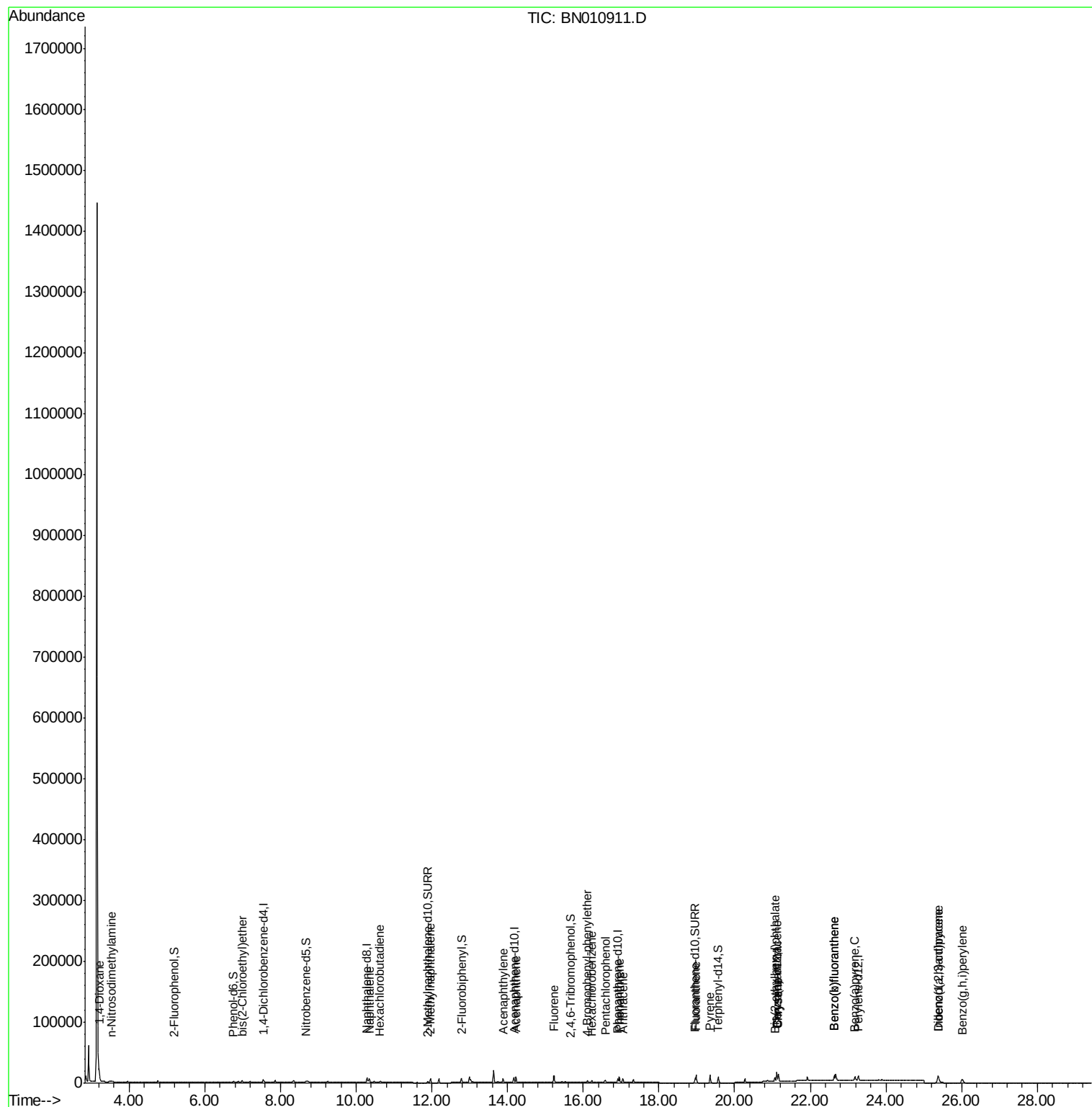
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	8870	3.719	ng	98
3) n-Nitrosodimethylamine	3.53	42	614	0.443	ng	# 96
6) bis(2-Chloroethyl)ether	6.99	93	2804	0.519	ng	95
9) Naphthalene	10.34	128	8556	0.352	ng	99
10) Hexachlorobutadiene	10.63	225	1847	0.308	ng	# 99
12) 2-Methylnaphthalene	11.96	142	5370	0.330	ng	99
16) Acenaphthylene	13.88	152	7056	0.362	ng	100
17) Acenaphthene	14.22	154	4607	0.346	ng	99
18) Fluorene	15.22	166	5931	0.346	ng	100
20) 4-Bromophenyl-phenylether	16.11	248	1820	0.310	ng	# 83
21) Hexachlorobenzene	16.23	284	2057	0.336	ng	98
22) Pentachlorophenol	16.58	266	2325	1.133	ng	93
23) Phenanthrene	16.95	178	9629	0.361	ng	99
24) Anthracene	17.05	178	8016	0.360	ng	99
26) Fluoranthene	18.98	202	11842	0.392	ng	# 98
28) Pyrene	19.35	202	12234	0.371	ng	99
30) Benzo(a)anthracene	21.11	228	10928	0.373	ng	100
31) Chrysene	21.15	228	11713	0.343	ng	99
32) Bis(2-ethylhexyl)phthalate	21.07	149	5735	0.587	ng	97
33) Indeno(1,2,3-cd)pyrene	25.37	276	14002	0.367	ng	# 95
35) Benzo(b)fluoranthene	22.63	252	11854	0.330	ng	# 98
36) Benzo(k)fluoranthene	22.63	252	11854	0.309	ng	98
37) Benzo(a)pyrene	23.18	252	10317	0.335	ng	97
38) Dibenzo(a,h)anthracene	25.39	278	11627	0.331	ng	97
39) Benzo(g,h,i)perylene	26.01	276	12136	0.330	ng	97

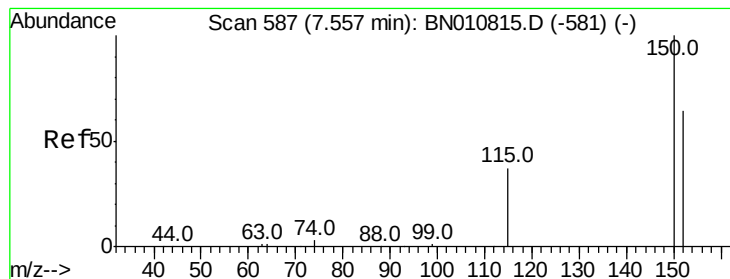
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

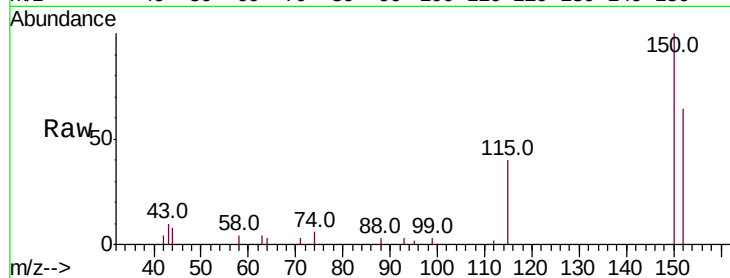
Tot Ion:152 Resp: 2435

Ion Ratio Lower Upper

152 100

150 157.2 123.8 185.6

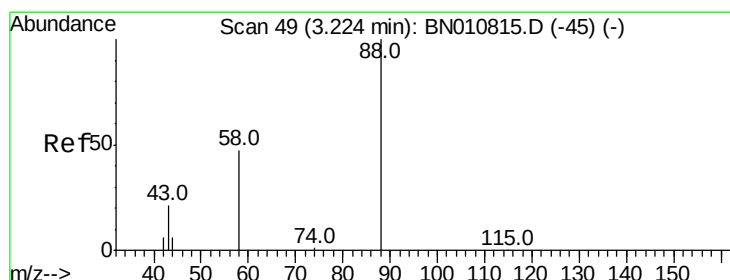
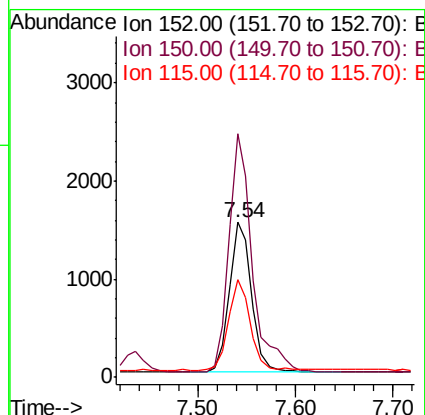
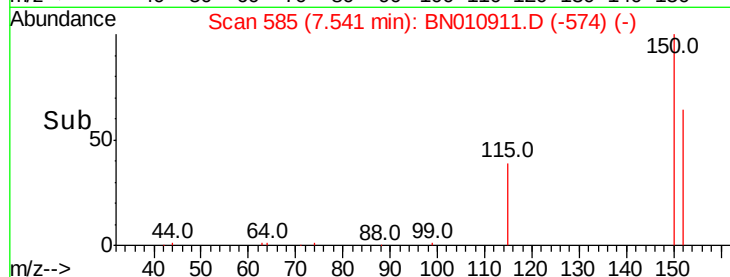
115 63.4 49.2 73.8



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: 3.719 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

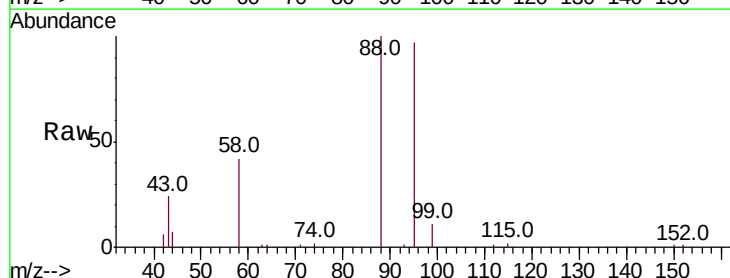
Tgt Ion: 88 Resp: 8870

Ion Ratio Lower Upper

88 100

58 45.9 38.2 57.4

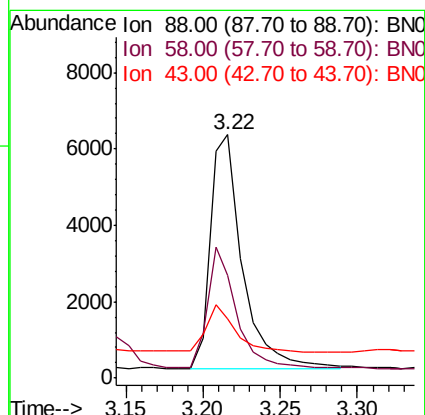
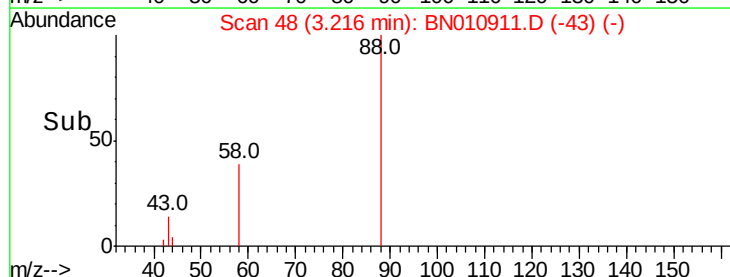
43 19.1 15.1 22.7

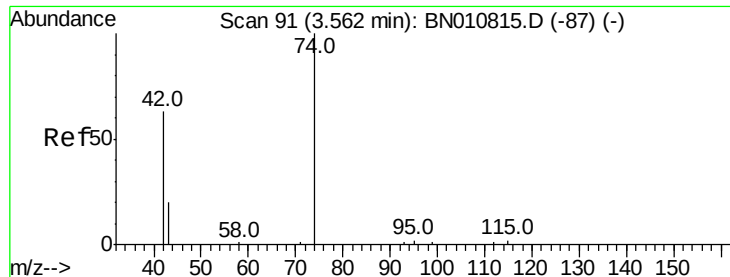


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

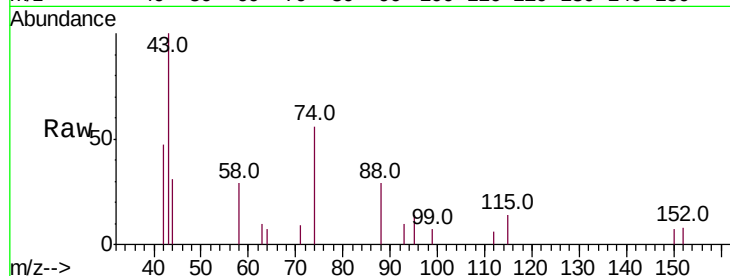




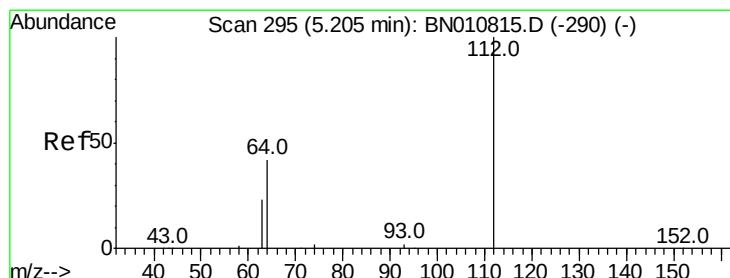
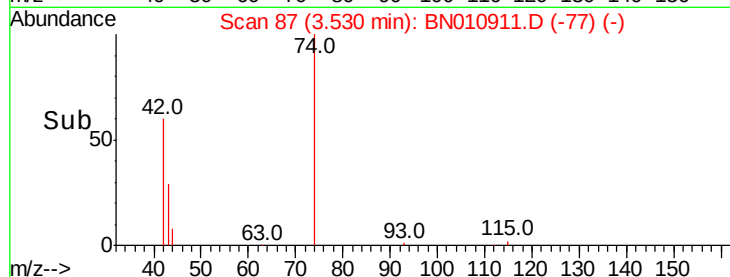
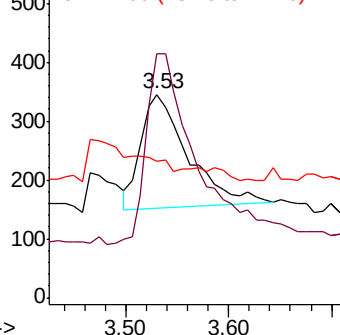
#3
n-Nitrosodimethylamine
Concen: 0.443 ng
RT: 3.53 min Scan# 87
Delta R.T. -0.02 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tot Ion: 42 Resp: 614
Ion Ratio Lower Upper
42 100
74 181.8 140.7 211.1
44 0.0 1.4 2.2#

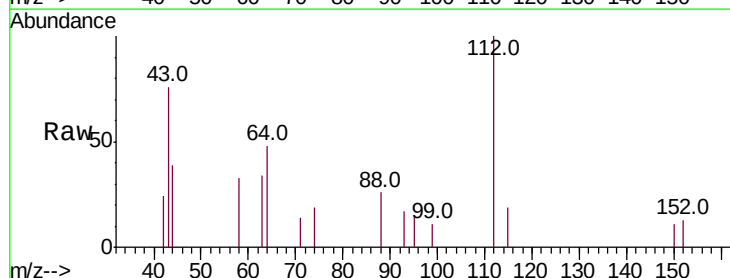


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

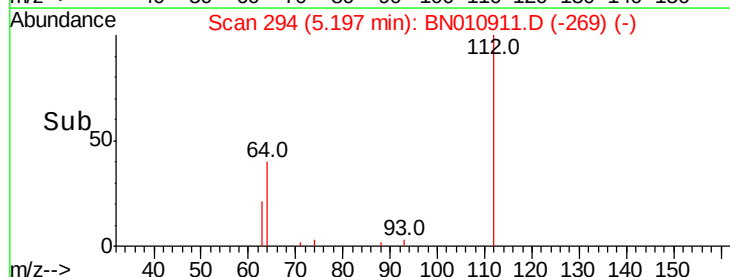
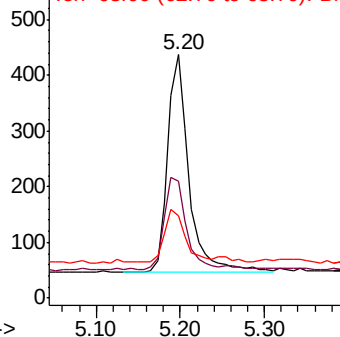


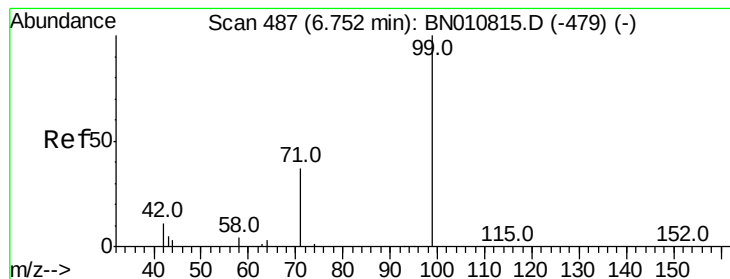
#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion: 112 Resp: 688
Ion Ratio Lower Upper
112 100
64 42.2 37.4 56.0
63 24.1 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: 0.090 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

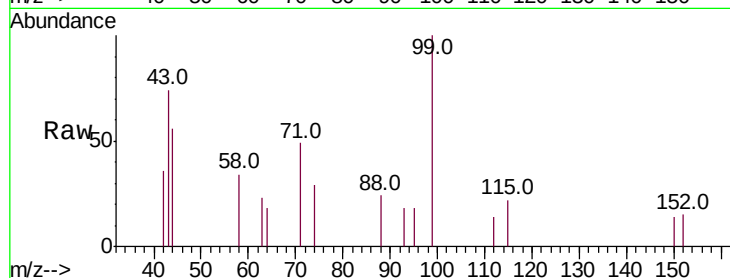
Tot Ion: 99 Resp: 496

Ion Ratio Lower Upper

99 100

42 0.0 11.1 16.7#

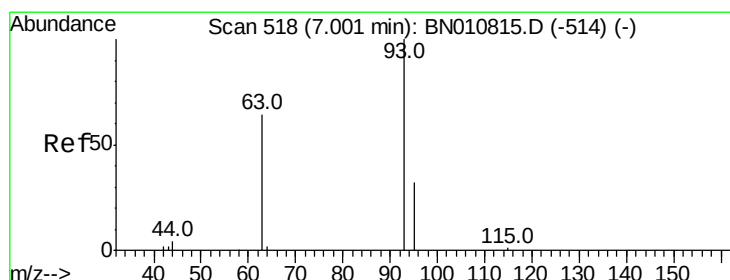
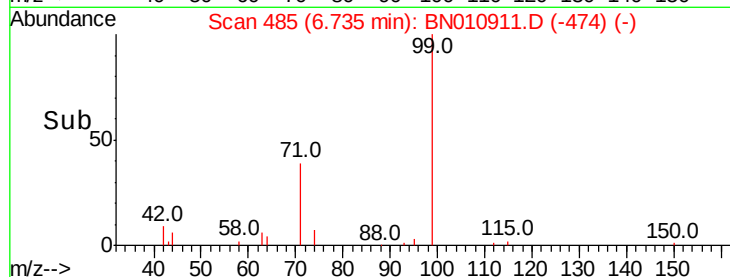
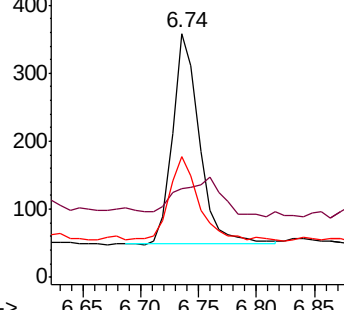
71 45.4 31.4 47.2



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: 0.519 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

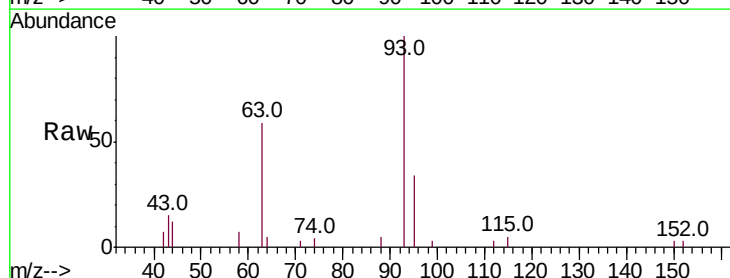
Tgt Ion: 93 Resp: 2804

Ion Ratio Lower Upper

93 100

63 56.0 49.4 74.2

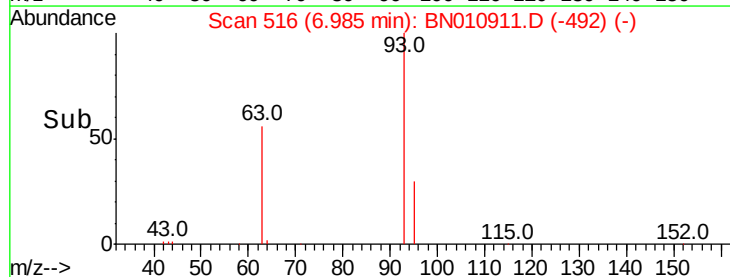
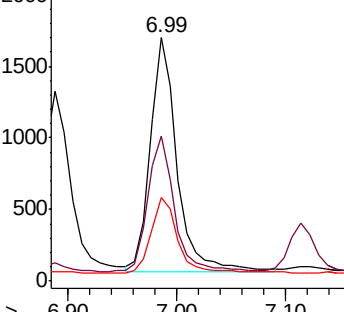
95 32.7 26.7 40.1

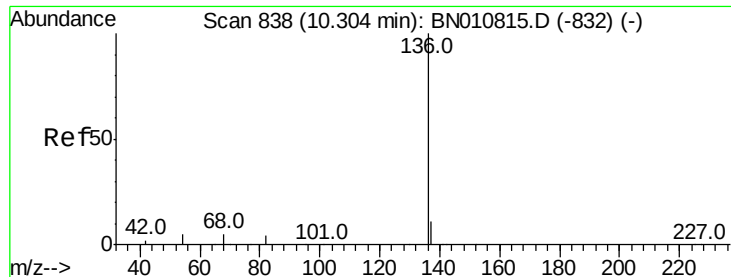


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

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: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

Tot Ion:136 Resp: 9664

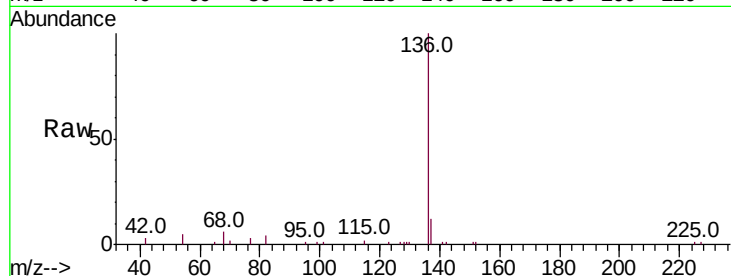
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 4.9 4.9 7.3

68 5.8 4.7 7.1

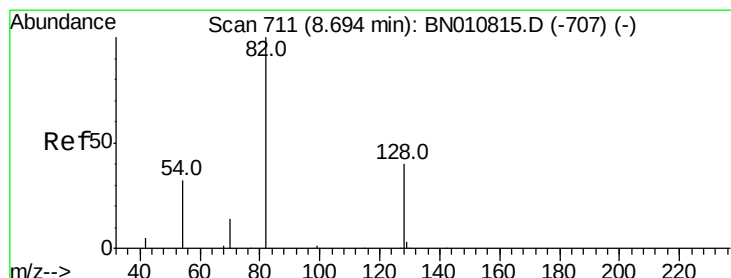
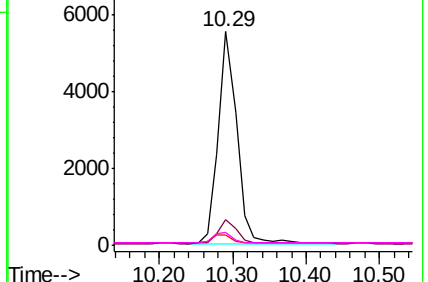
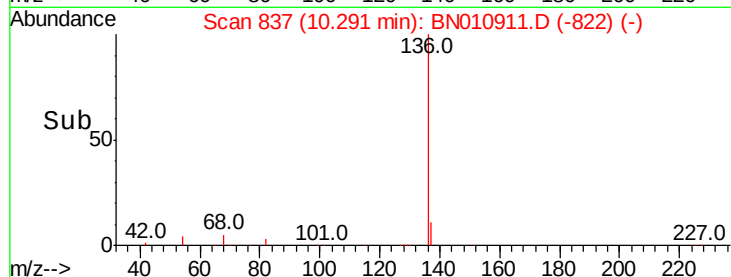


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.317 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

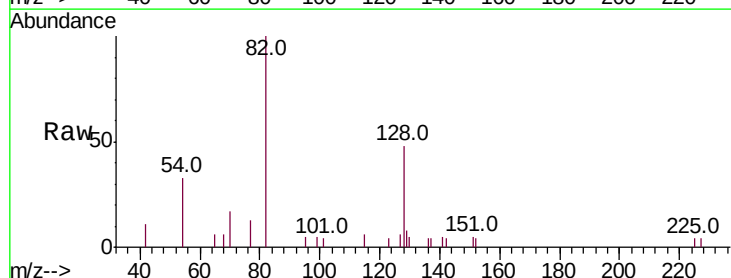
Tgt Ion: 82 Resp: 2270

Ion Ratio Lower Upper

82 100

128 47.9 35.4 53.0

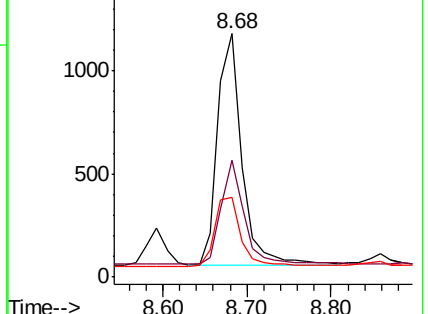
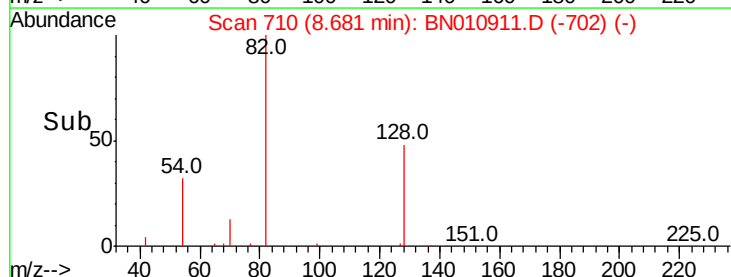
54 32.8 28.2 42.4

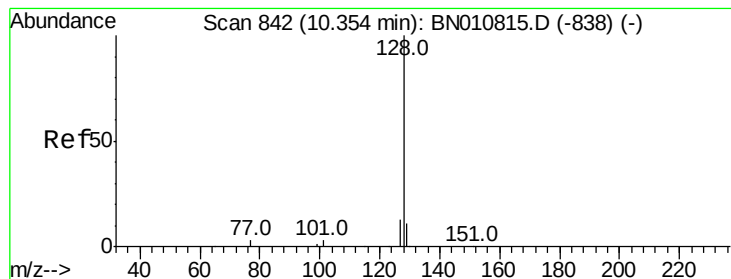


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.352 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

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ClientSampleId :

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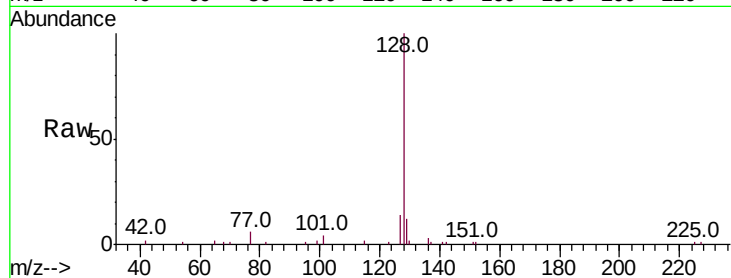
Tot Ion:128 Resp: 8556

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

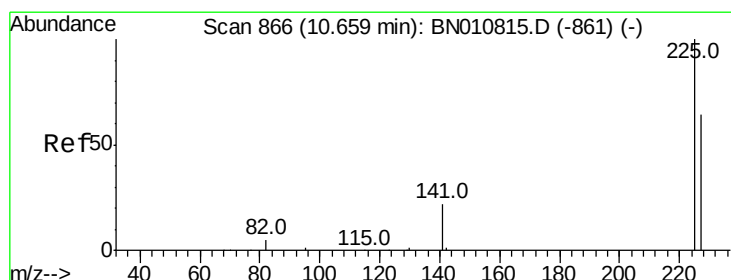
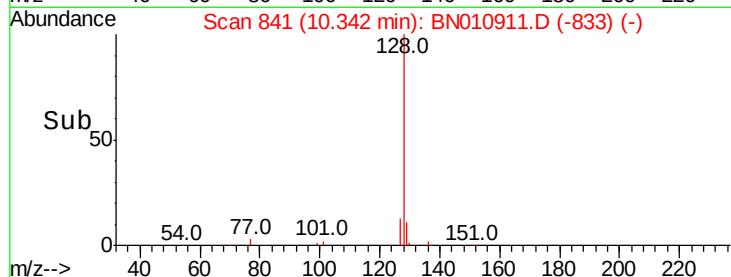
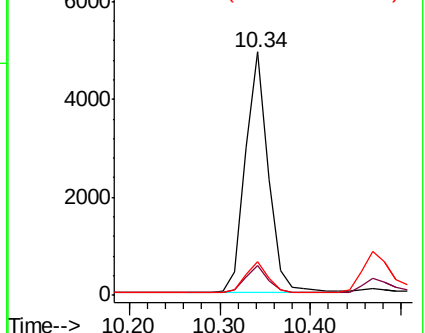
127 13.7 11.4 17.2



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: 0.308 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

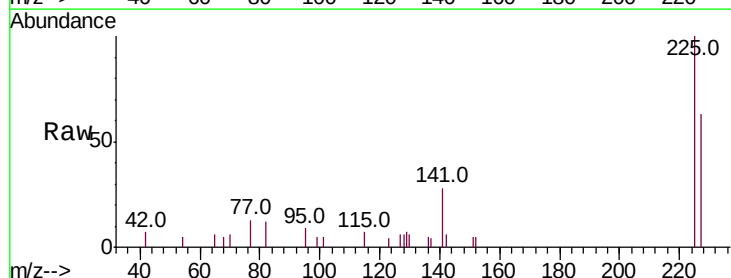
Tgt Ion:225 Resp: 1847

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

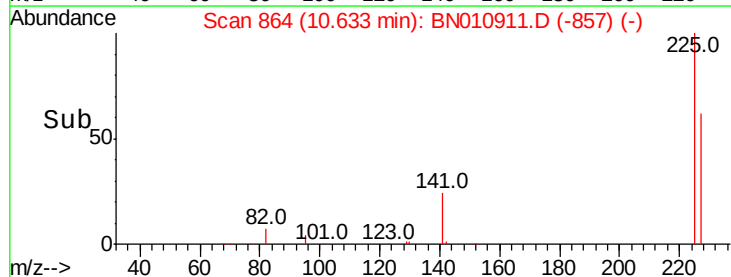
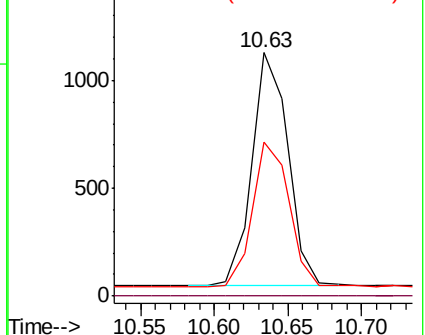
227 62.6 50.5 75.7

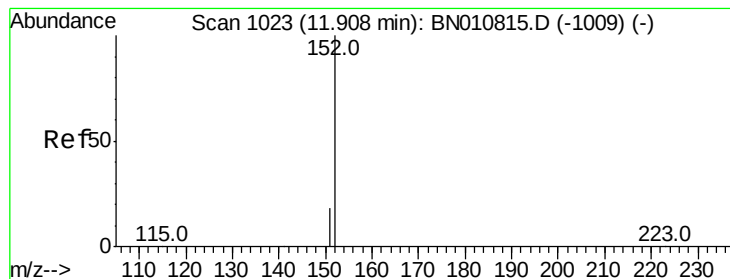


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.322 ng

RT: 11.89 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

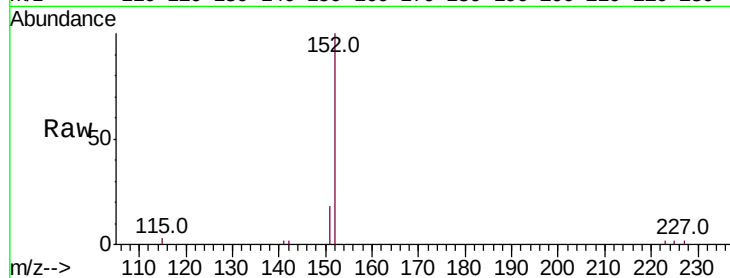
RE108D2-20200608MSD

Tot Ion:152 Resp: 4826

Ion Ratio Lower Upper

152 100

151 16.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

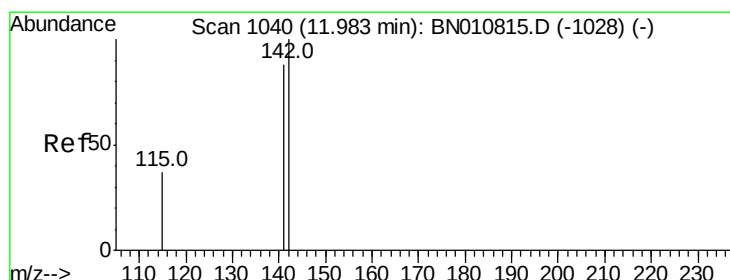
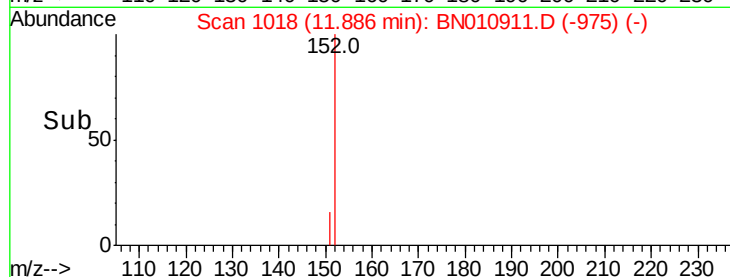
1500

1000

500

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.330 ng

RT: 11.96 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

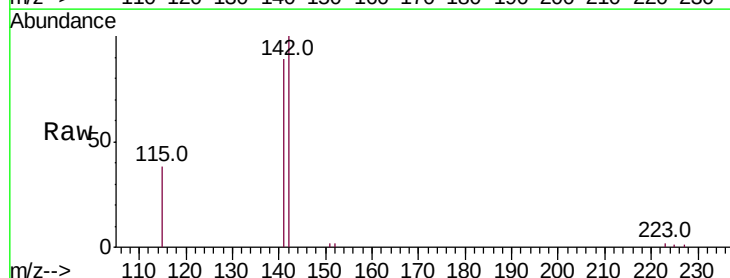
Tgt Ion:142 Resp: 5370

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

115 38.3 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

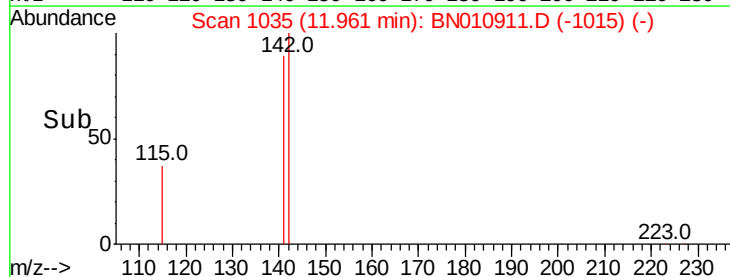
3000

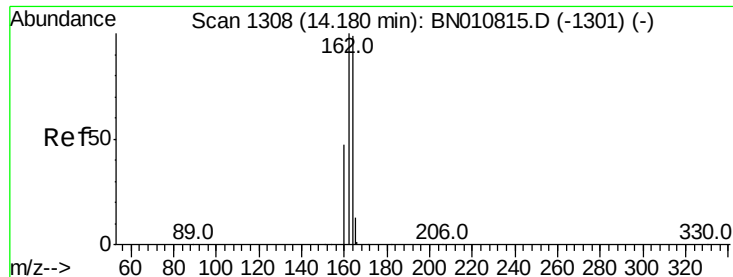
2000

1000

0

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: BN010911.D

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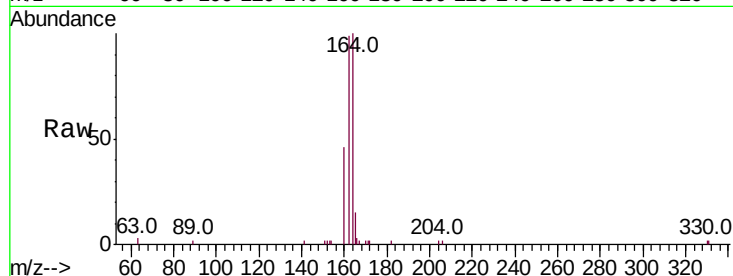
Tot Ion:164 Resp: 4762

Ion Ratio Lower Upper

164 100

162 99.0 81.0 121.6

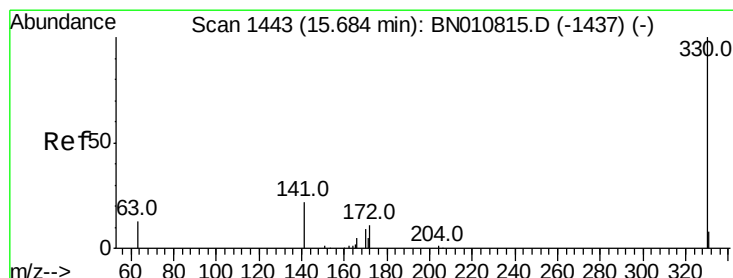
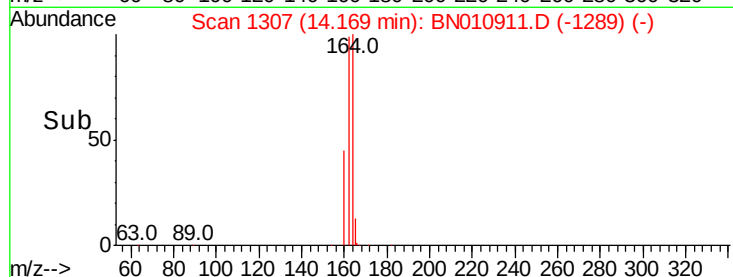
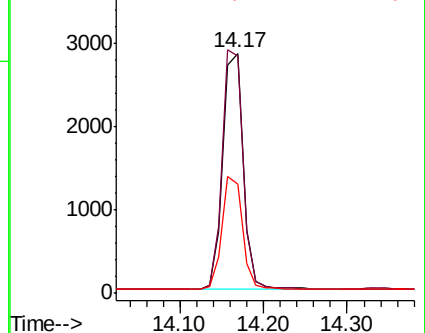
160 45.5 38.9 58.3



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: 0.332 ng

RT: 15.66 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

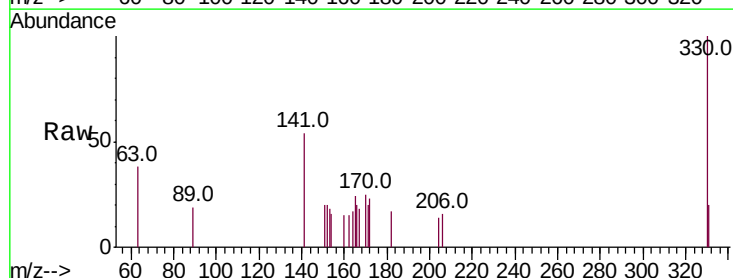
Tgt Ion:330 Resp: 565

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

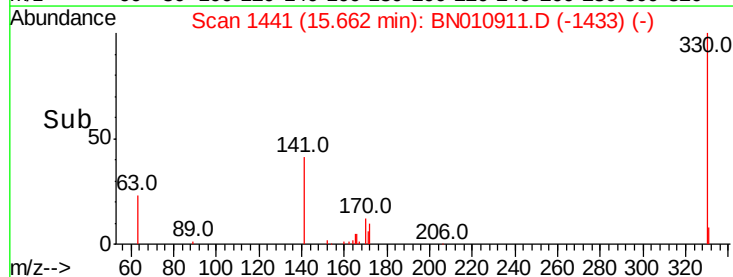
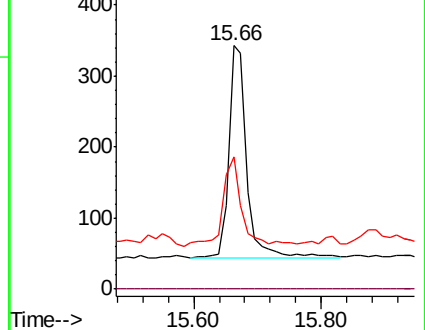
141 39.5 33.2 49.8

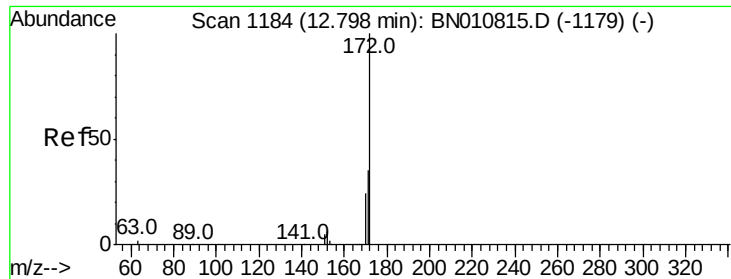


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

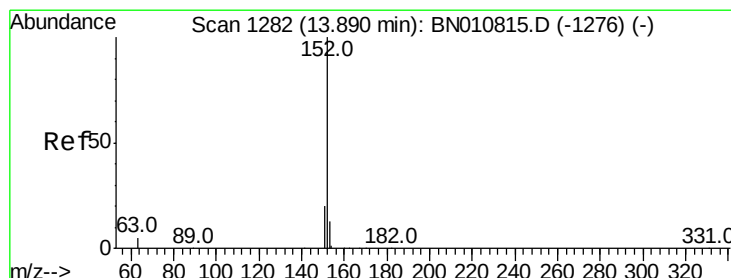
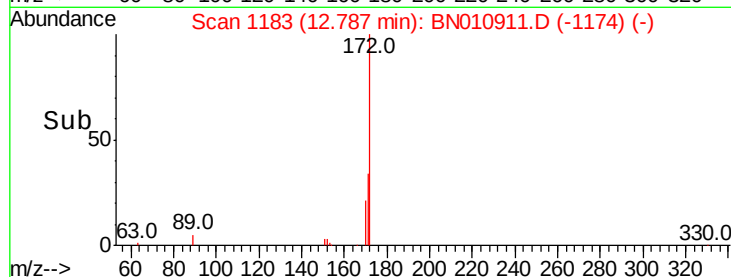
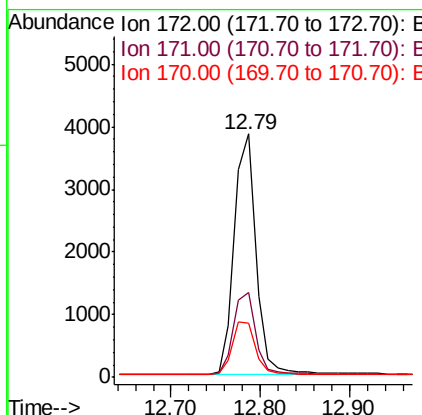
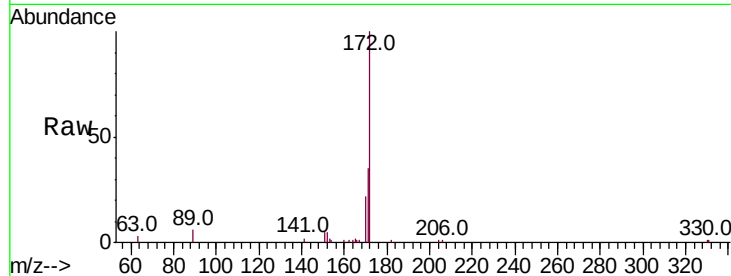




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

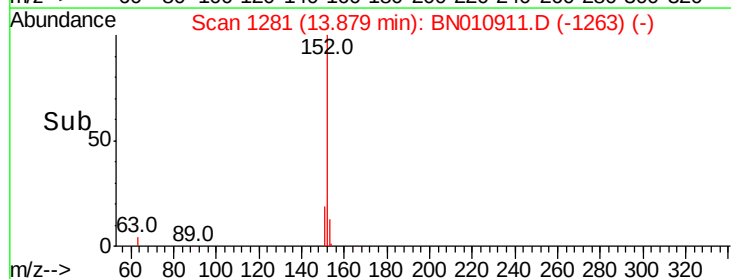
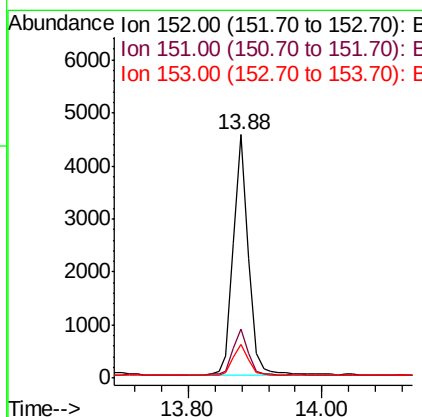
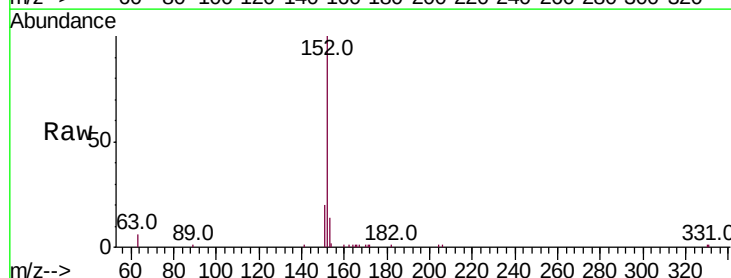
Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

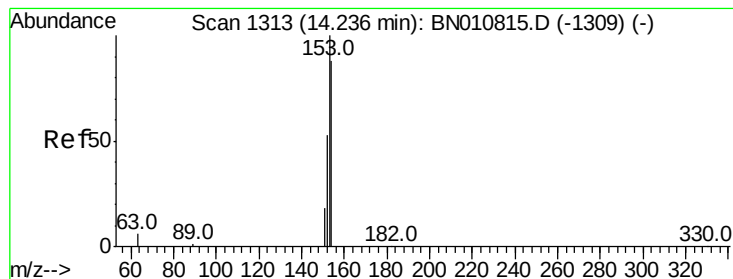
Tot Ion:172 Resp: 6513
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.4 19.7 29.5



#16
Acenaphthylene
Concen: 0.362 ng
RT: 13.88 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:152 Resp: 7056
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.346 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

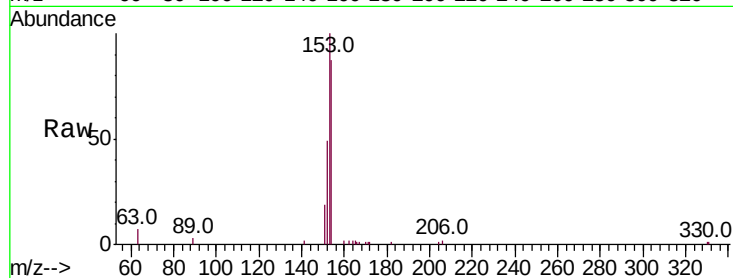
Tot Ion:154 Resp: 4607

Ion Ratio Lower Upper

154 100

153 115.3 91.8 137.6

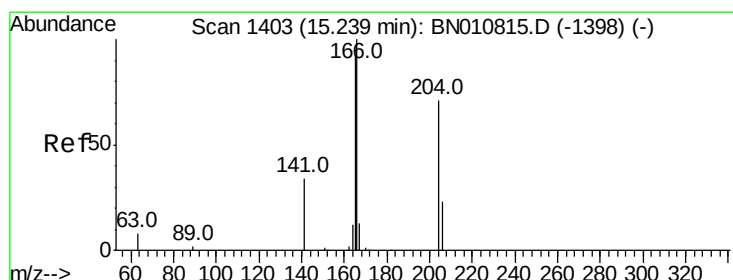
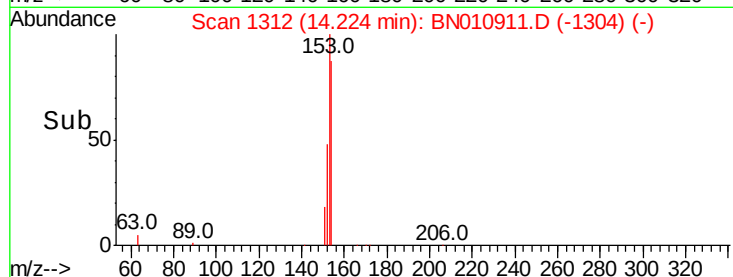
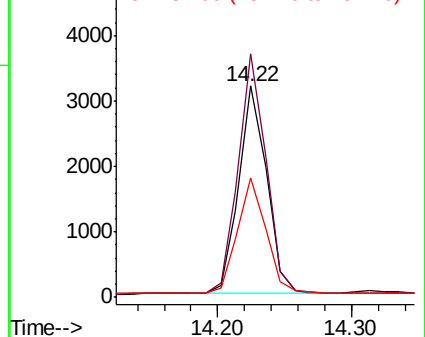
152 57.6 47.6 71.4



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: 0.346 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

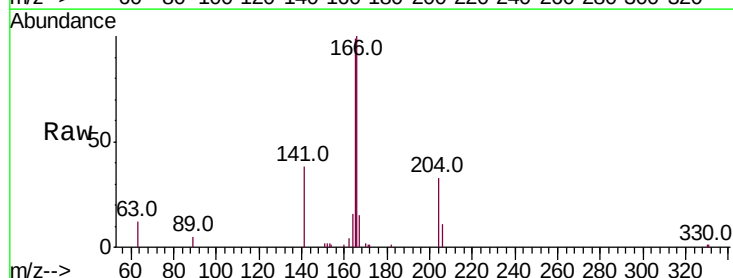
Tgt Ion:166 Resp: 5931

Ion Ratio Lower Upper

166 100

165 96.6 77.2 115.8

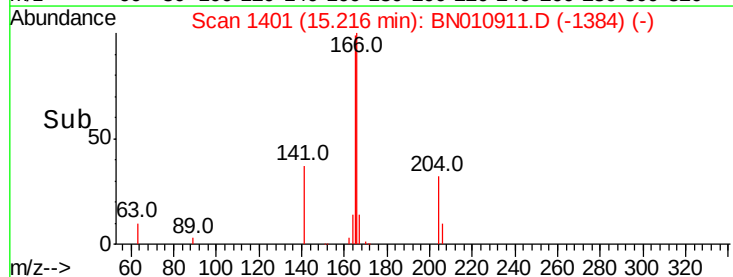
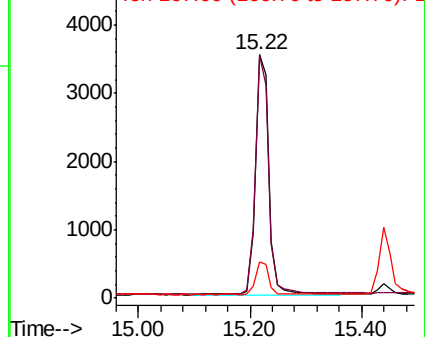
167 14.1 10.7 16.1

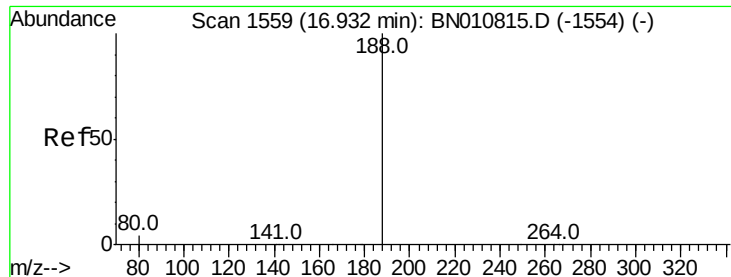


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

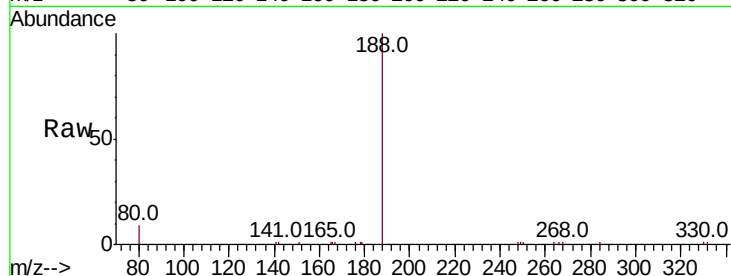
Tot Ion:188 Resp: 9755

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 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

16.91

8000

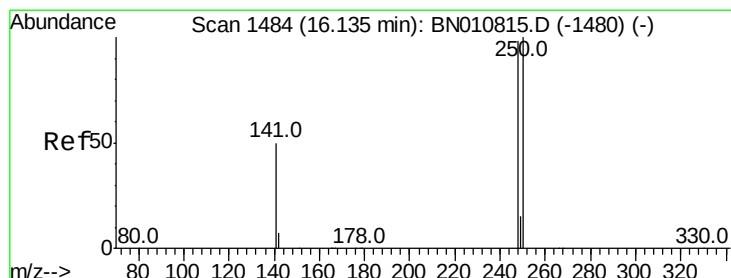
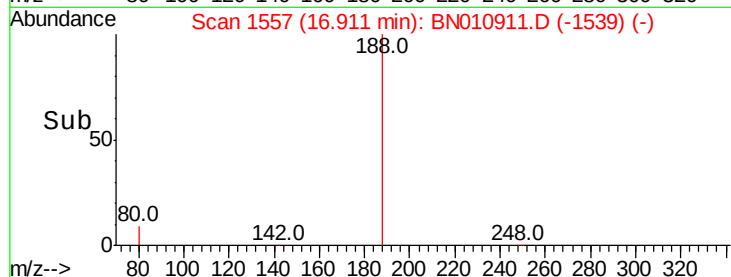
6000

4000

2000

0

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.310 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

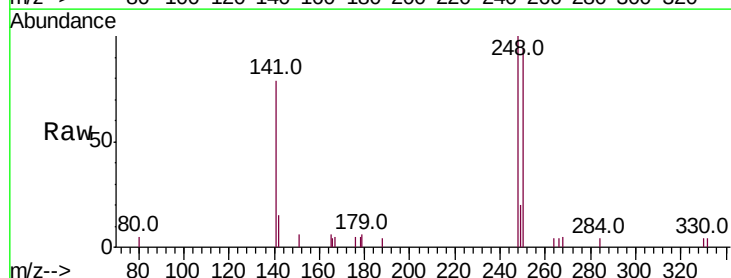
Tgt Ion:248 Resp: 1820

Ion Ratio Lower Upper

248 100

250 94.4 81.8 122.8

141 78.9 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

16.11

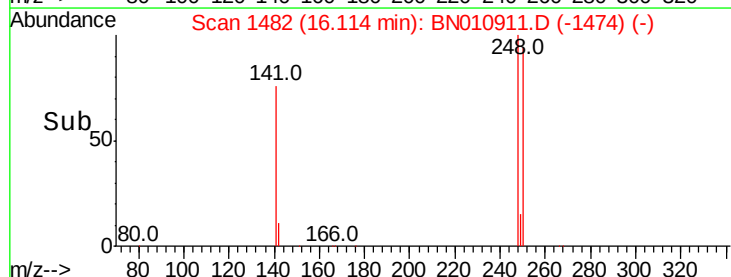
1500

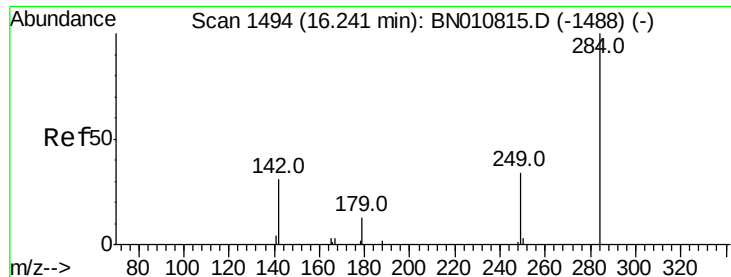
1000

500

0

Time-->

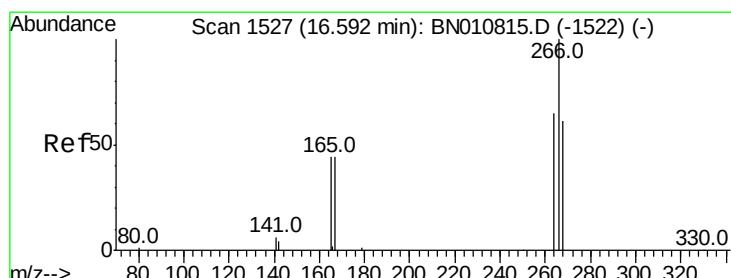
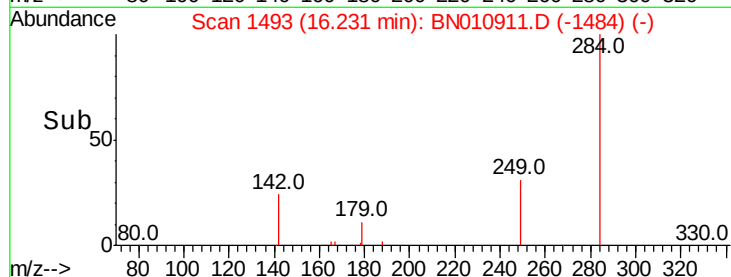
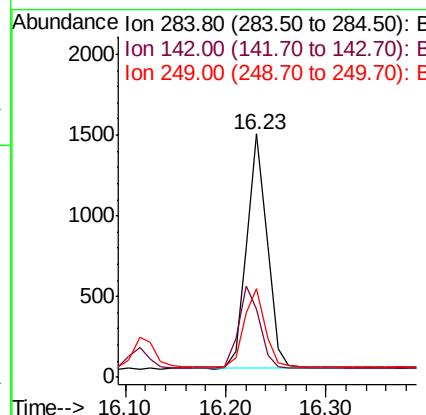
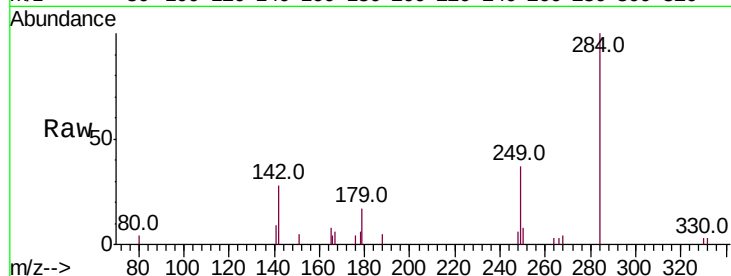




#21
Hexachlorobenzene
Concen: 0.336 ng
RT: 16.23 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

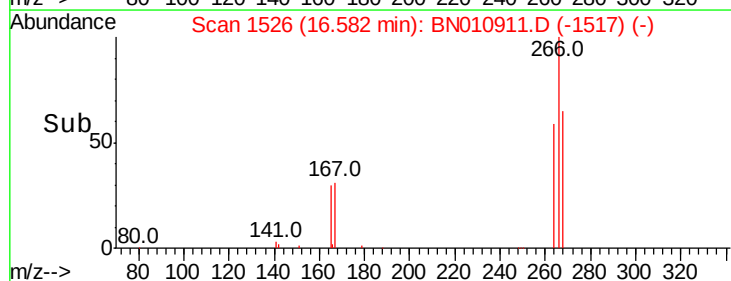
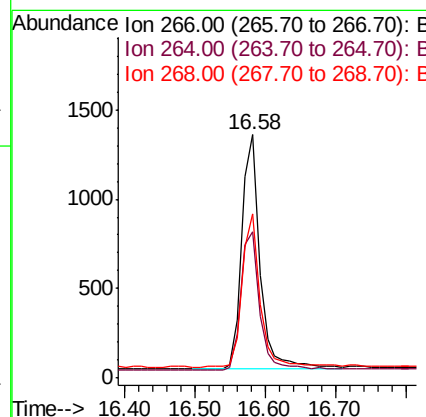
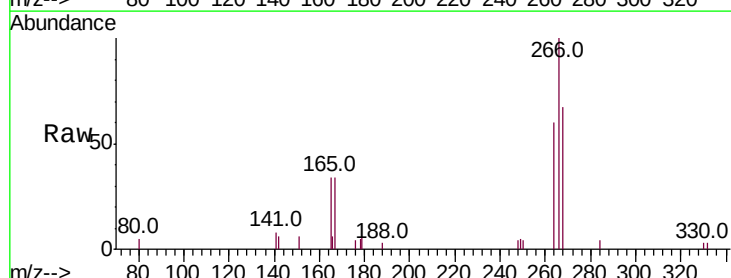
Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

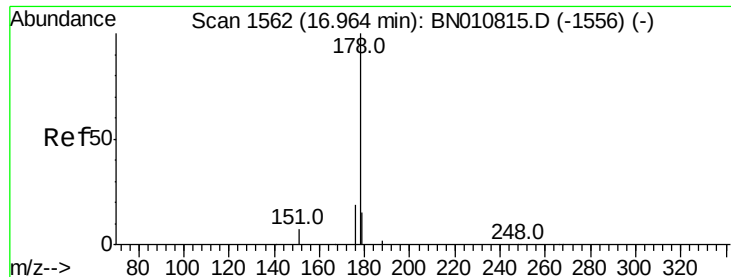
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.4	31.0	46.4
249	34.5	27.1	40.7



#22
Pentachlorophenol
Concen: 1.133 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.2	54.8	82.2
268	67.3	55.9	83.9





#23

Phenanthrene

Concen: 0.361 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

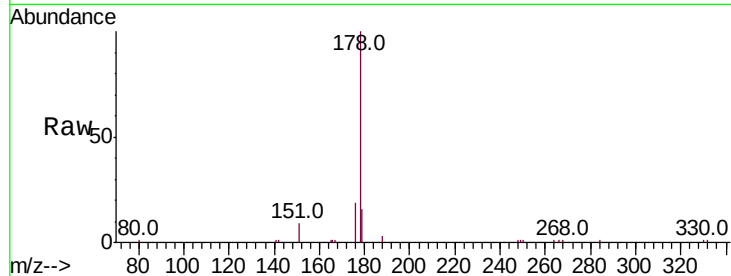
Tot Ion:178 Resp: 9629

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

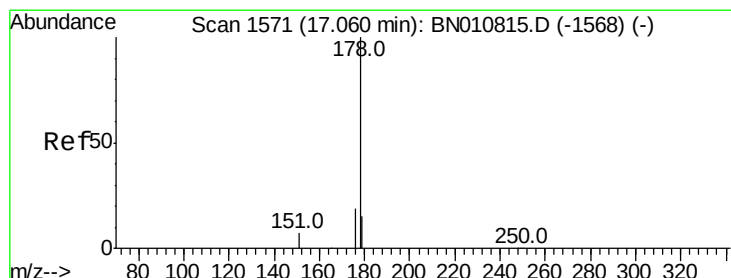
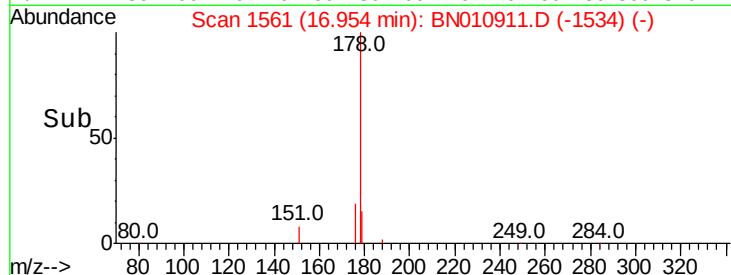
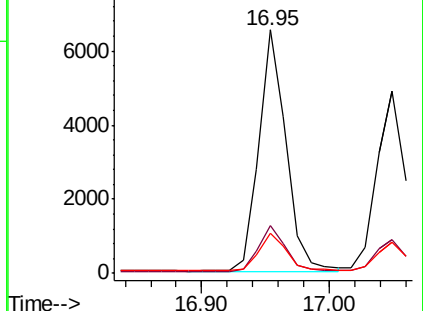
179 16.0 12.6 19.0



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: 0.360 ng

RT: 17.05 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

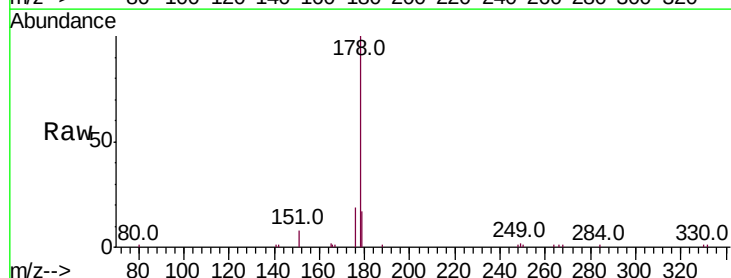
Tgt Ion:178 Resp: 8016

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

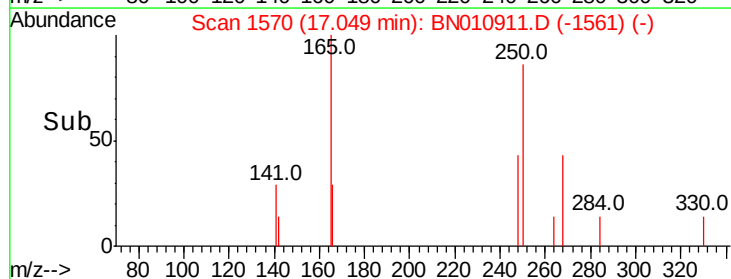
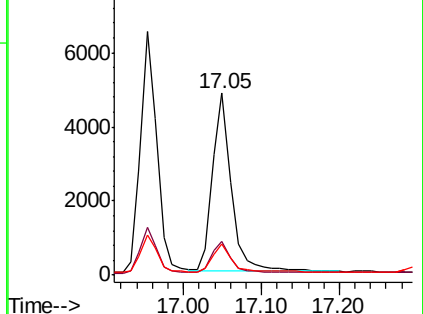
179 15.6 12.3 18.5

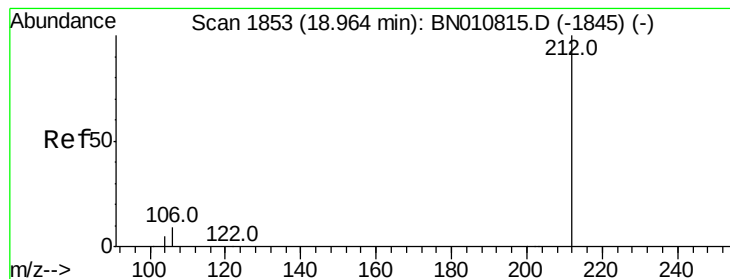


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.429 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

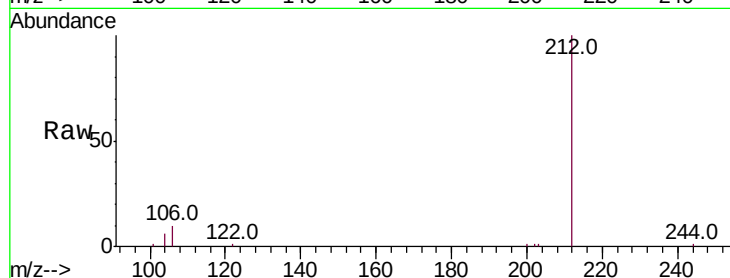
Tot Ion:212 Resp: 11552

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

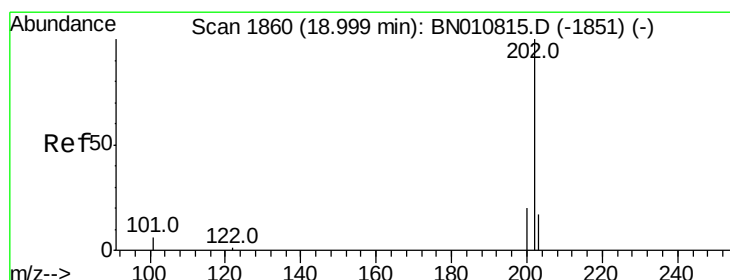
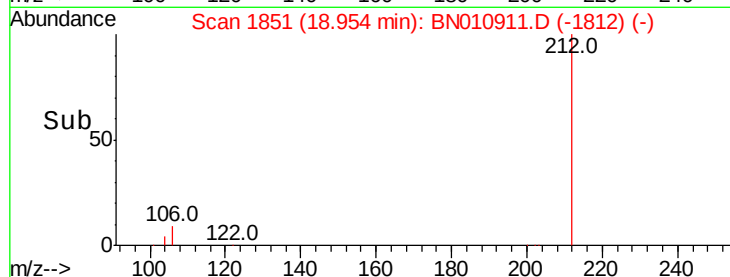
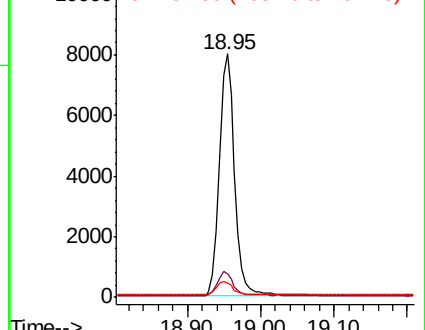
104 5.6 4.0 6.0



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: 0.392 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

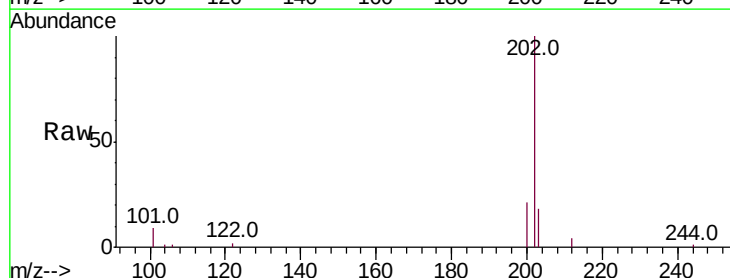
Tgt Ion:202 Resp: 11842

Ion Ratio Lower Upper

202 100

101 8.8 5.8 8.6#

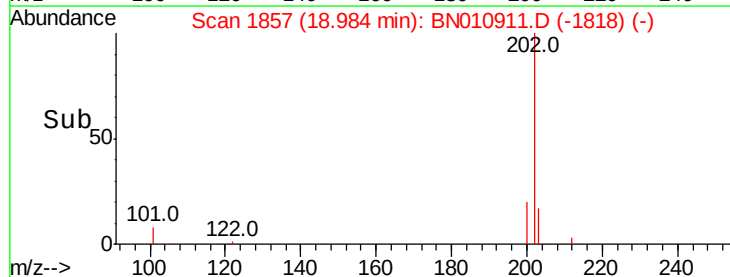
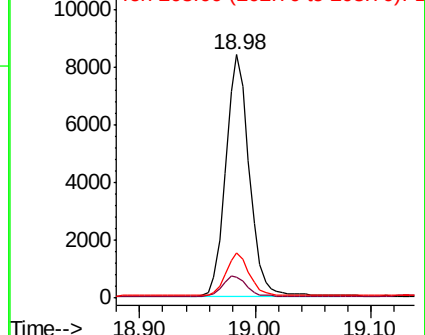
203 17.3 13.7 20.5

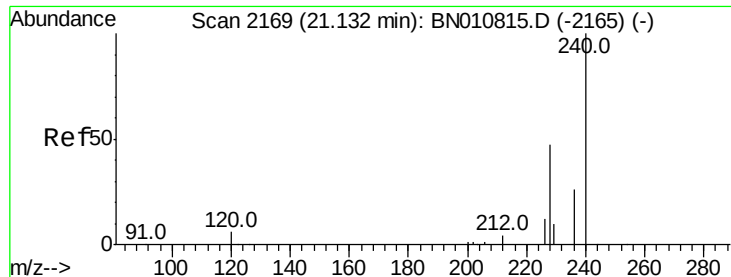


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

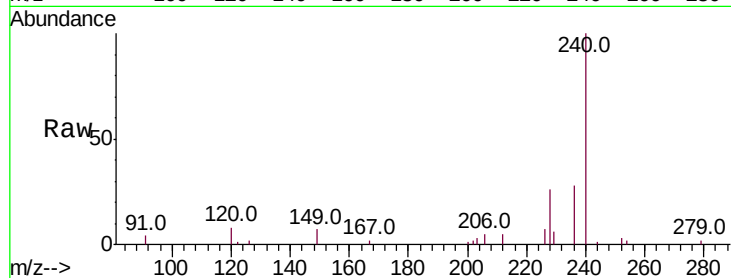
Tot Ion:240 Resp: 9968

Ion Ratio Lower Upper

240 100

120 8.3 7.5 11.3

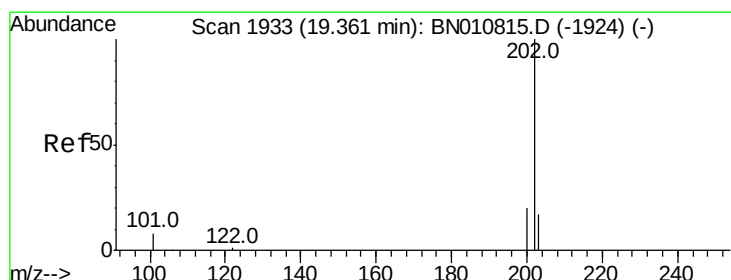
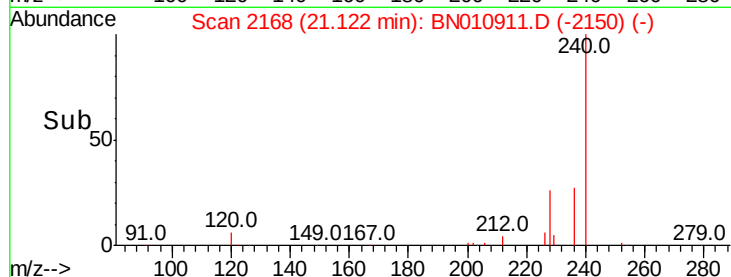
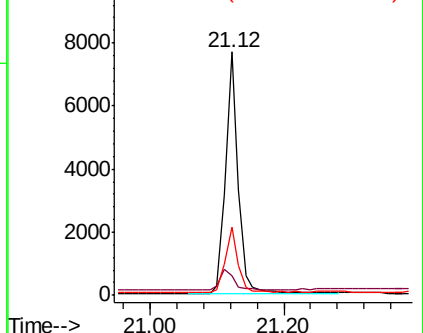
236 28.0 22.3 33.5



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: 0.371 ng

RT: 19.35 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

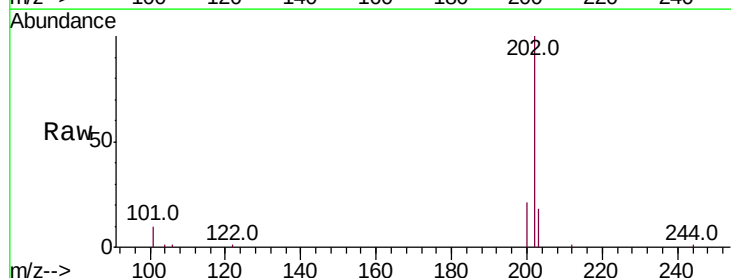
Tgt Ion:202 Resp: 12234

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

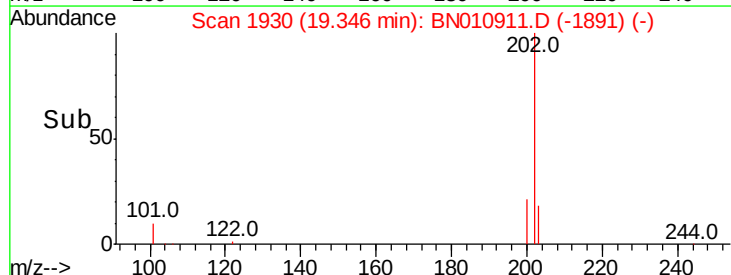
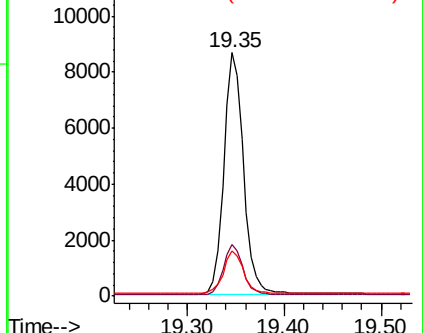
203 18.3 14.2 21.4

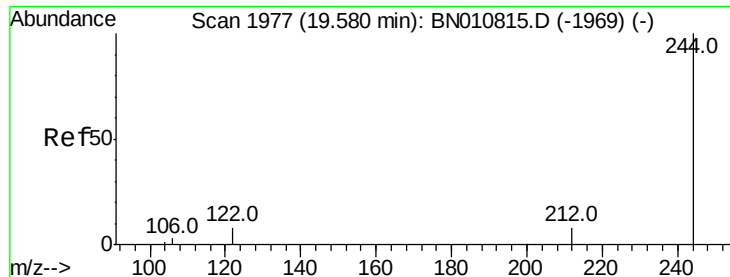


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.456 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

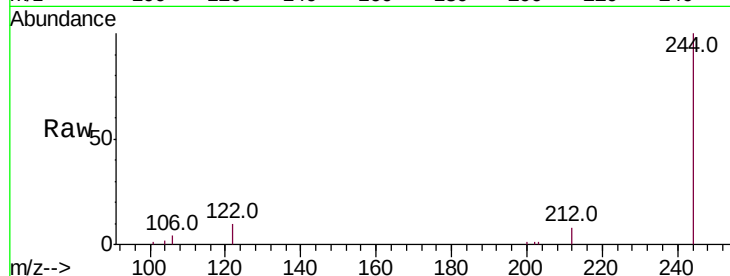
Tot Ion:244 Resp: 10648

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

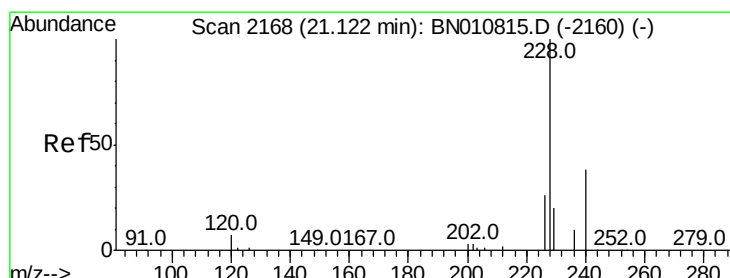
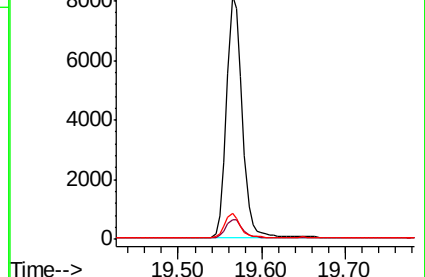
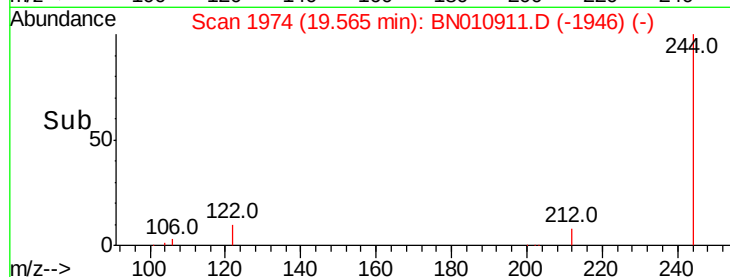
122 10.5 7.5 11.3



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: 0.373 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

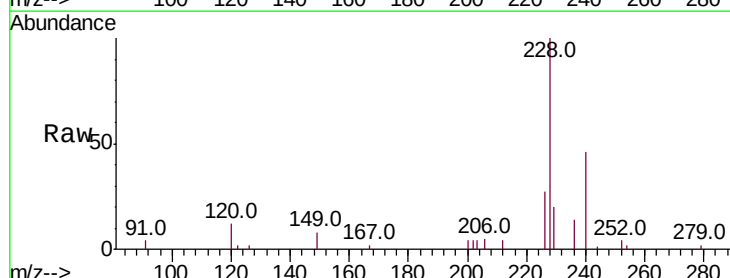
Tgt Ion:228 Resp: 10928

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

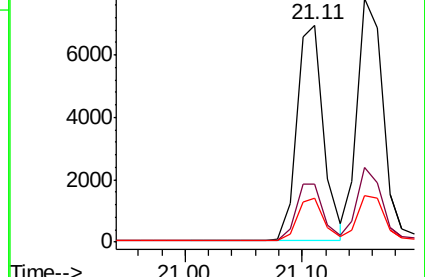
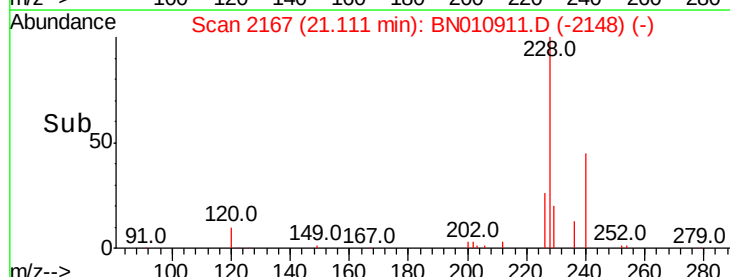
229 20.5 16.6 24.8

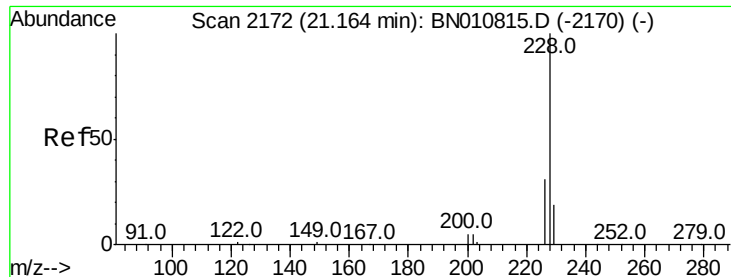


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.343 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

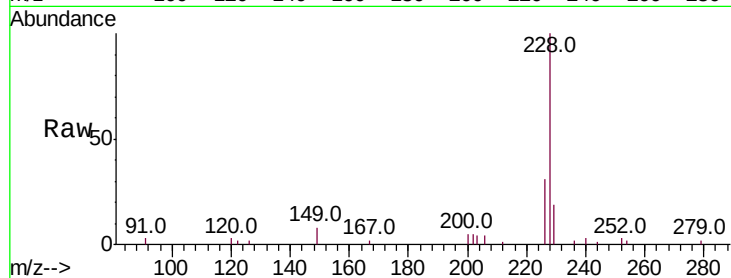
Tot Ion:228 Resp: 11713

Ion Ratio Lower Upper

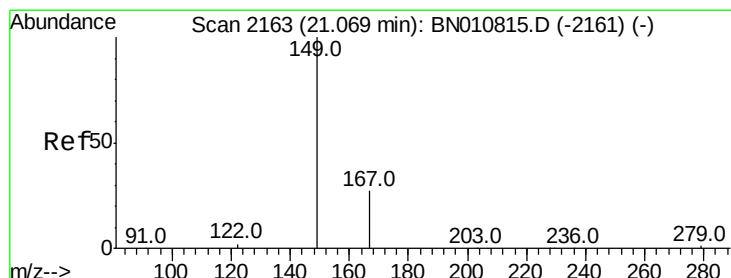
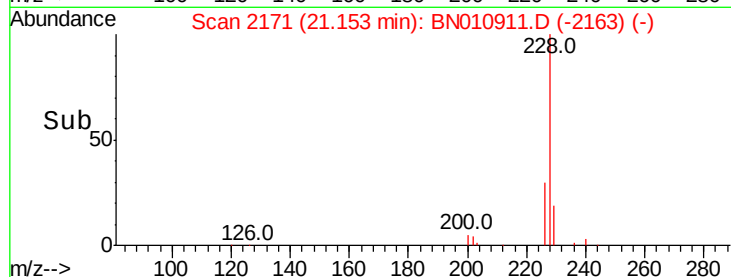
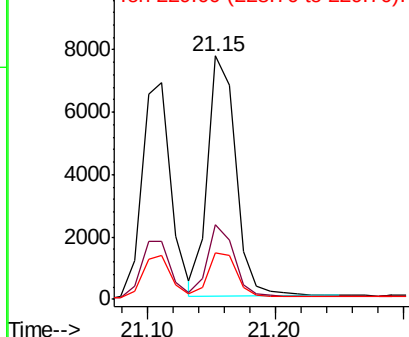
228 100

226 30.6 25.0 37.6

229 19.3 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: BN010911.D

Acq: 16 Jun 2020 17:41

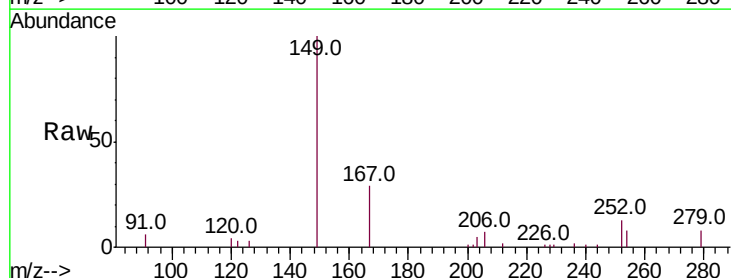
Tgt Ion:149 Resp: 5735

Ion Ratio Lower Upper

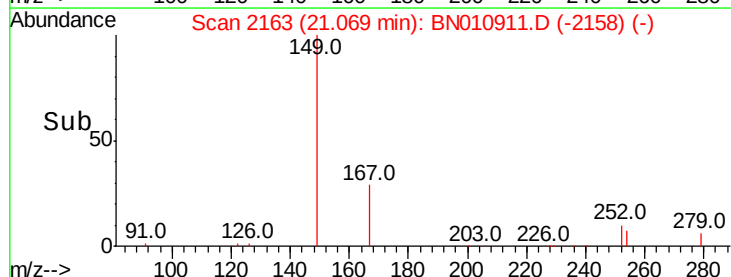
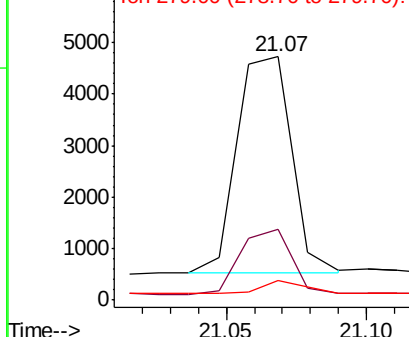
149 100

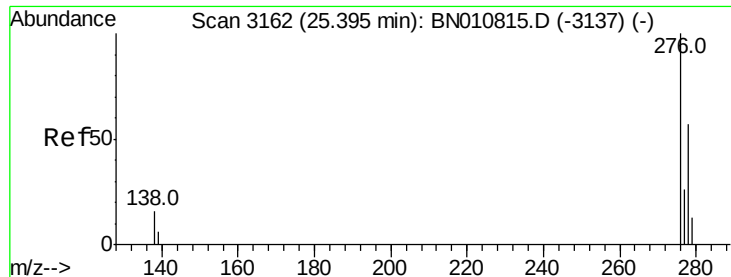
167 28.4 24.1 36.1

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: 0.367 ng

RT: 25.37 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

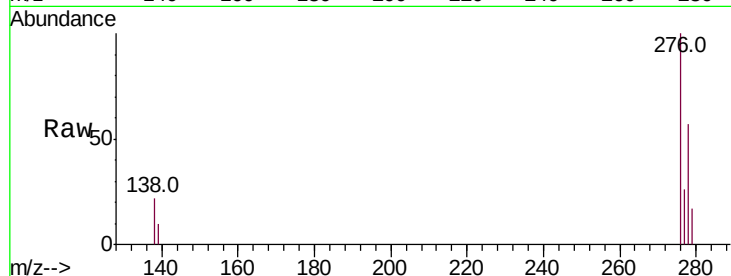
Tot Ion:276 Resp: 14002

Ion Ratio Lower Upper

276 100

138 21.4 13.0 19.6#

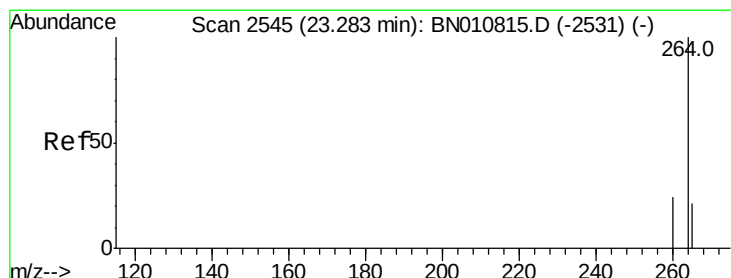
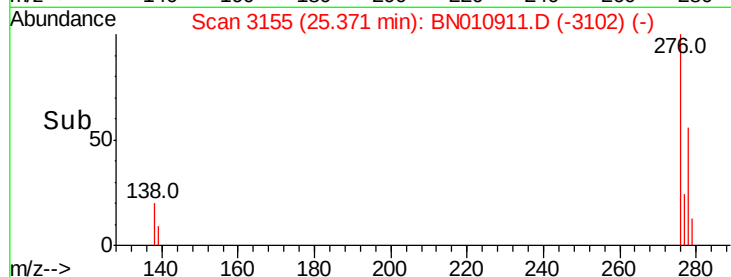
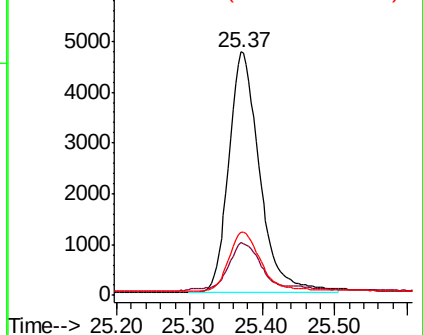
277 24.9 19.7 29.5



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# 2541

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

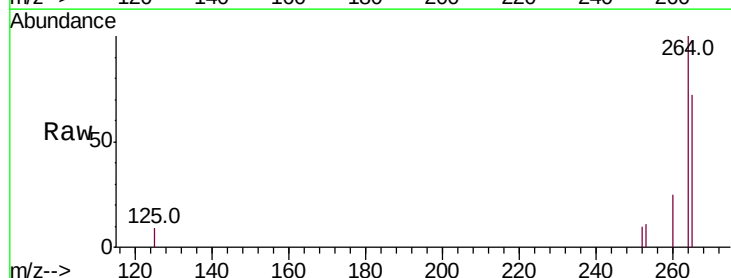
Tgt Ion:264 Resp: 10574

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

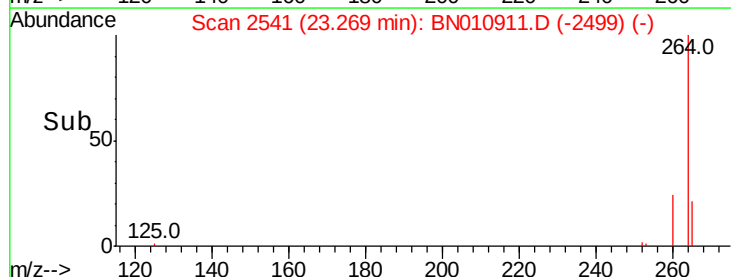
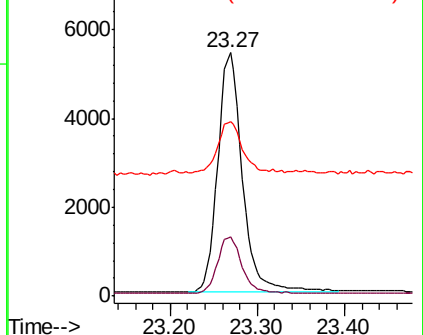
265 71.7 75.0 112.4#

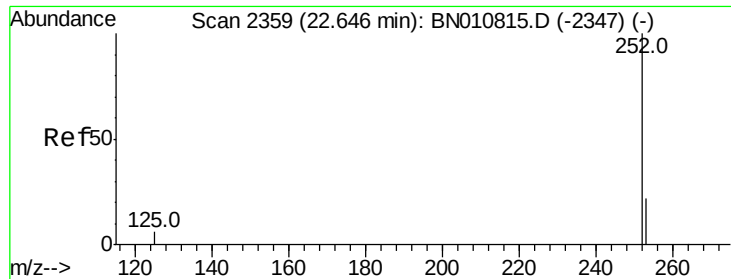


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.330 ng

RT: 22.63 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

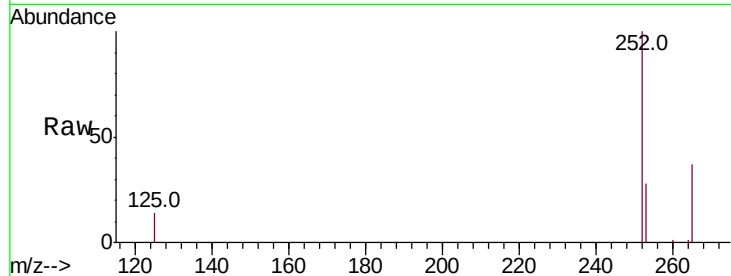
Tot Ion:252 Resp: 11854

Ion Ratio Lower Upper

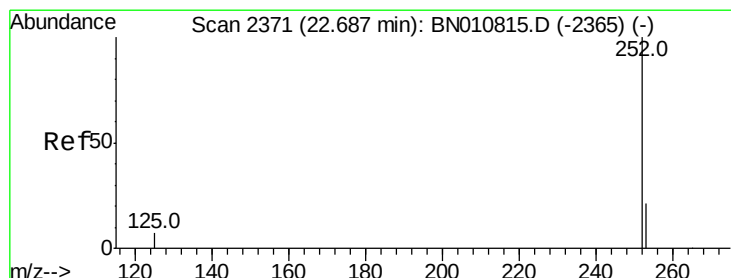
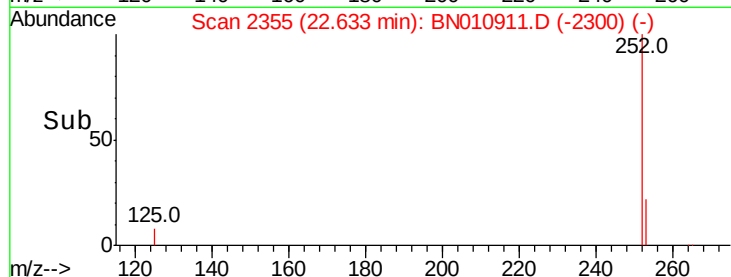
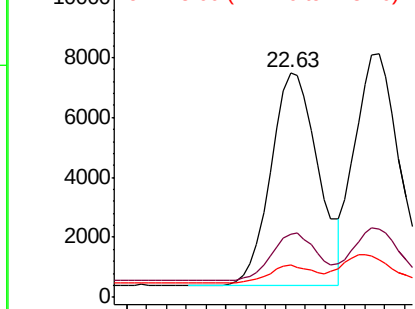
252 100

253 28.2 22.4 33.6

125 14.2 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: 0.309 ng

RT: 22.63 min Scan# 2355

Delta R.T. -0.05 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

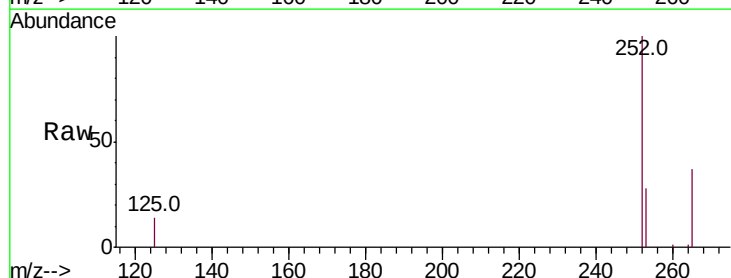
Tgt Ion:252 Resp: 11854

Ion Ratio Lower Upper

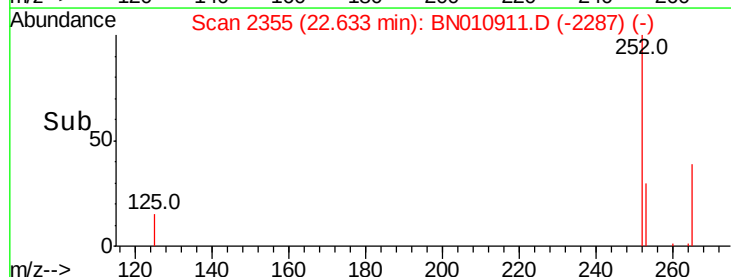
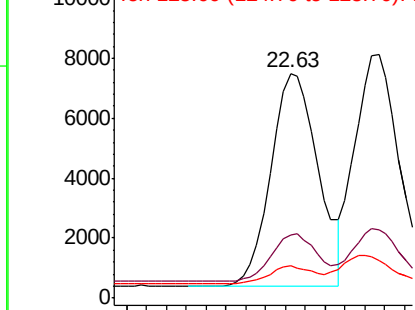
252 100

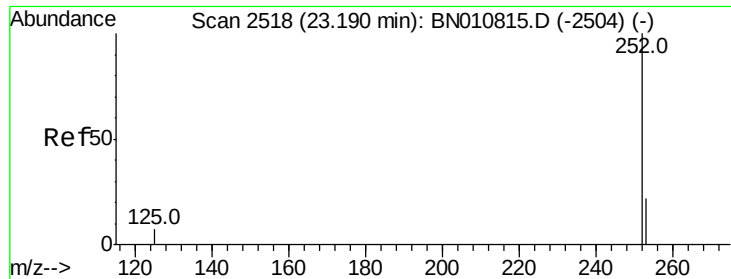
253 28.2 22.2 33.4

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: 0.335 ng

RT: 23.18 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD

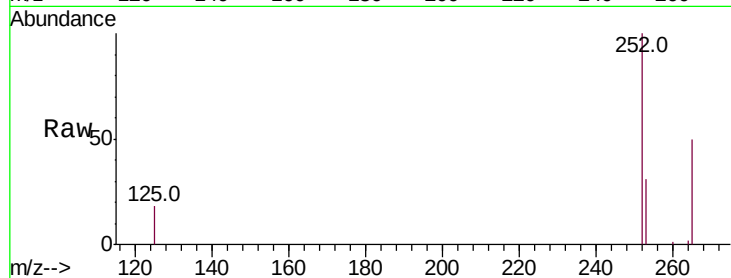
Tot Ion:252 Resp: 10317

Ion Ratio Lower Upper

252 100

253 31.0 25.8 38.8

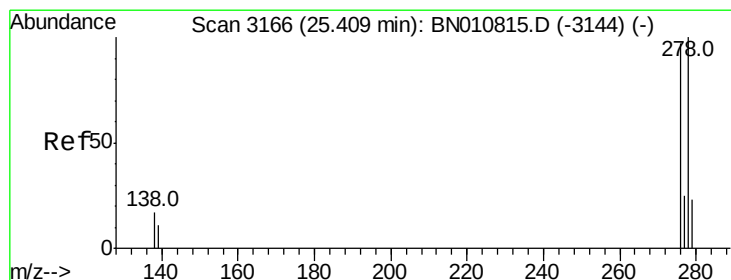
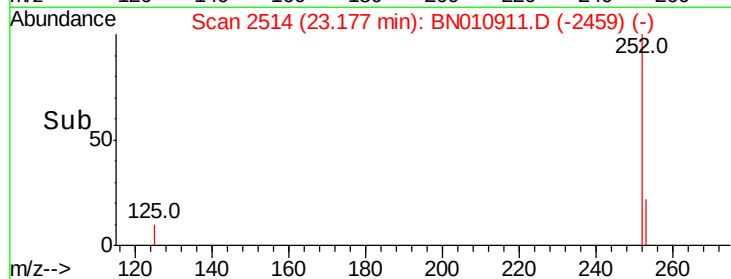
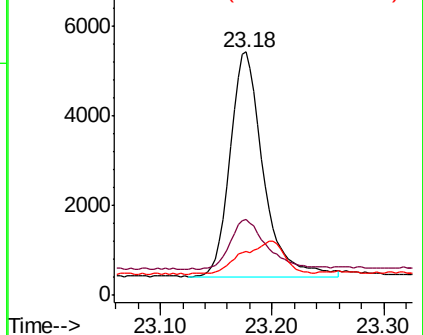
125 17.9 12.4 18.6



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: 0.331 ng

RT: 25.39 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BN010911.D

Acq: 16 Jun 2020 17:41

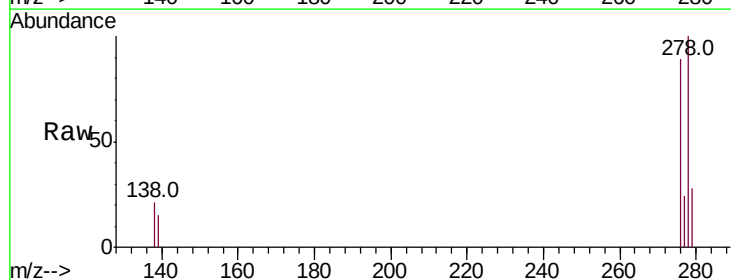
Tgt Ion:278 Resp: 11627

Ion Ratio Lower Upper

278 100

139 15.3 10.6 15.8

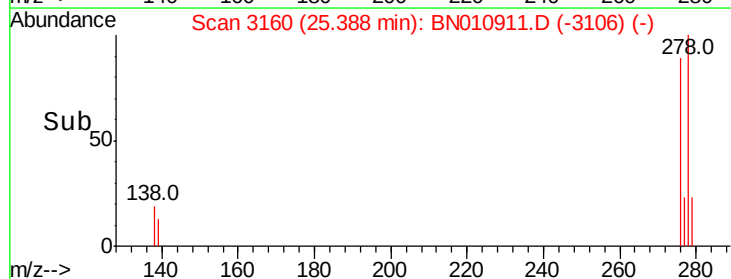
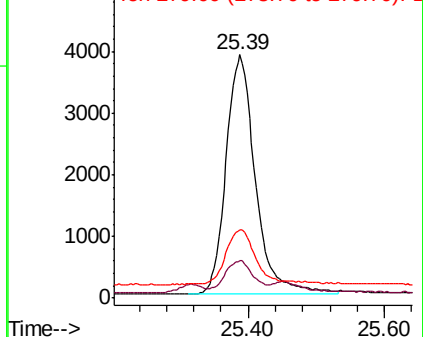
279 28.2 23.6 35.4

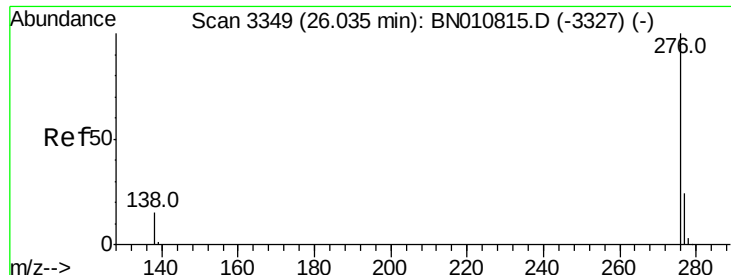


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.330 ng

RT: 26.01 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BN010911.D

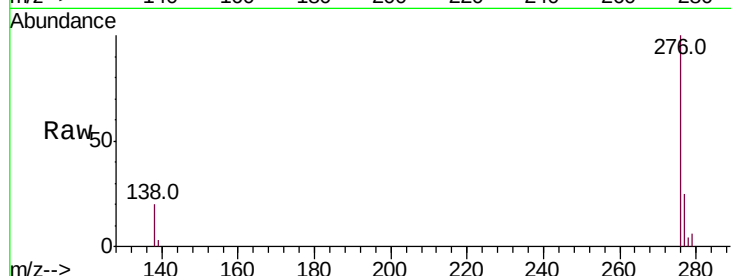
Acq: 16 Jun 2020 17:41

Instrument :

BNA_N

ClientSampleId :

RE108D2-20200608MSD



Tot Ion:276 Resp: 12136

Ion Ratio Lower Upper

276 100

277 25.3 20.5 30.7

138 19.7 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

