

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010160.D
 Acq On : 10 Mar 2020 14:20
 Operator : CG/JU
 Sample : PB127383BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127383BS

Quant Time: Mar 11 16:49:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	876	0.40	ng	-0.06
7) Naphthalene-d8	10.11	136	3098	0.40	ng	-0.06
13) Acenaphthene-d10	14.00	164	1859	0.40	ng	-0.06
19) Phenanthrene-d10	16.77	188	3840	0.40	ng	-0.04
27) Chrysene-d12	20.99	240	3912	0.40	ng	-0.04
34) Perylene-d12	23.10	264	4249	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	955	0.49	ng	-0.06
5) Phenol-d6	6.59	99	1115	0.47	ng	-0.06
8) Nitrobenzene-d5	8.54	82	1080	0.42	ng	-0.05
11) 2-Methylnaphthalene-d10	11.72	152	2287	0.38	ng	-0.07
14) 2,4,6-Tribromophenol	15.54	330	313	0.44	ng	-0.04
15) 2-Fluorobiphenyl	12.62	172	2740	0.39	ng	-0.07
25) Fluoranthene-d10	18.82	212	4944	0.37	ng	-0.04
29) Terphenyl-d14	19.43	244	3233	0.35	ng	-0.04

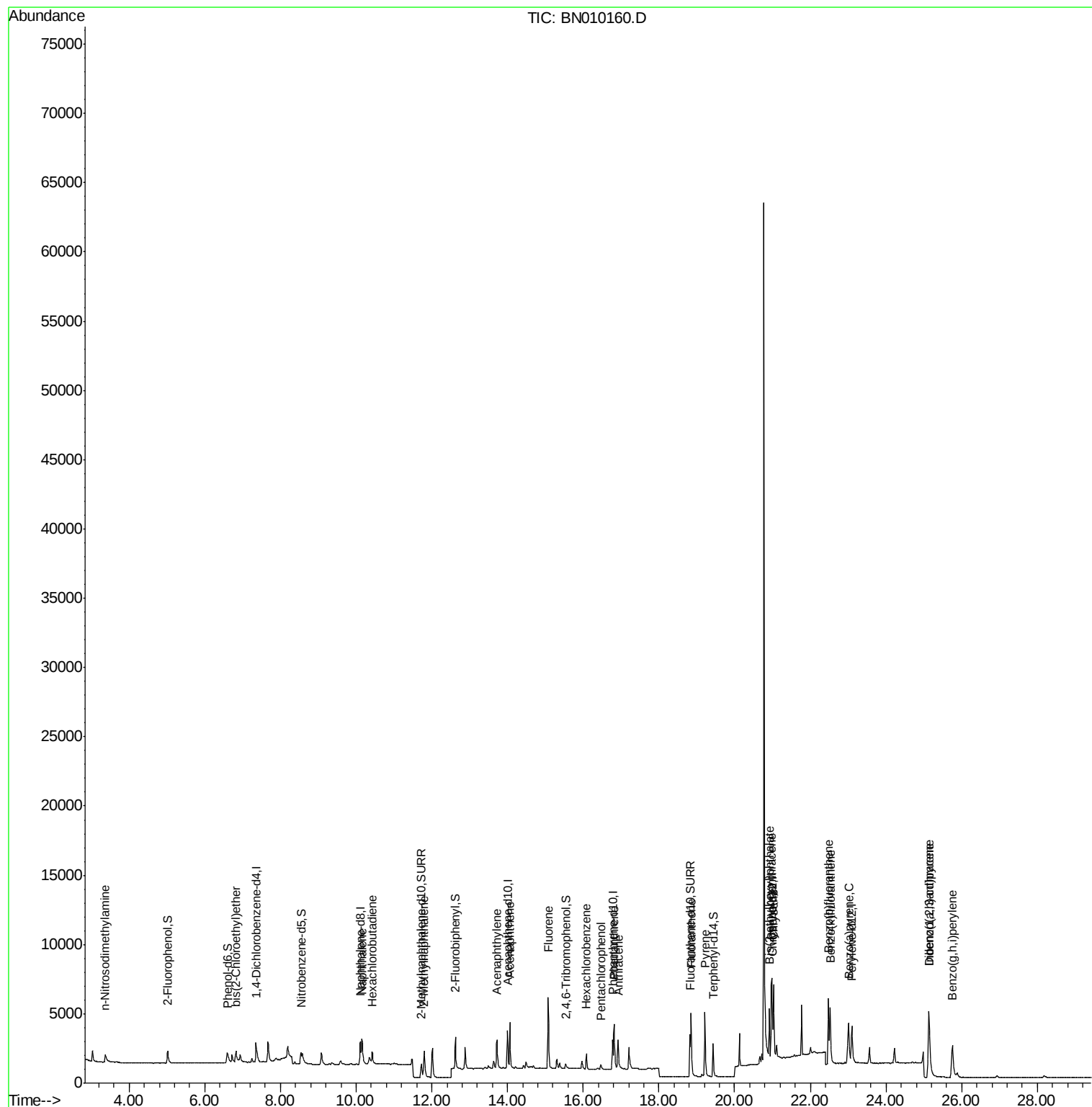
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.37	42	811	0.551	ng	# 96
6) bis(2-Chloroethyl)ether	6.82	93	1111	0.482	ng	95
9) Naphthalene	10.15	128	3241	0.384	ng	98
10) Hexachlorobutadiene	10.42	225	754	0.406	ng	# 95
12) 2-Methylnaphthalene	11.80	142	2201	0.380	ng	99
16) Acenaphthylene	13.72	152	3008	0.380	ng	100
17) Acenaphthene	14.07	154	2088	0.375	ng	99
18) Fluorene	15.07	166	2663	0.362	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	175	Below Cal		89
21) Hexachlorobenzene	16.08	284	938	0.392	ng	99
22) Pentachlorophenol	16.46	266	270	0.516	ng	95
23) Phenanthrene	16.82	178	4231	0.370	ng	99
24) Anthracene	16.92	178	3596	0.372	ng	99
26) Fluoranthene	18.85	202	5038	0.368	ng	99
28) Pyrene	19.22	202	5228	0.352	ng	100
30) Benzo(a)anthracene	20.97	228	4758	0.367	ng	99
31) Chrysene	21.03	228	5289	0.352	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	3018	0.476	ng	97
33) Indeno(1,2,3-cd)pyrene	25.13	276	6583	0.421	ng	99
35) Benzo(b)fluoranthene	22.48	252	5530	0.356	ng	# 95
36) Benzo(k)fluoranthene	22.52	252	6036	0.357	ng	99
37) Benzo(a)pyrene	23.01	252	5284	0.373	ng	# 93
38) Dibenzo(a,h)anthracene	25.13	278	5126	0.367	ng	99
39) Benzo(g,h,i)perylene	25.75	276	5681	0.382	ng	99

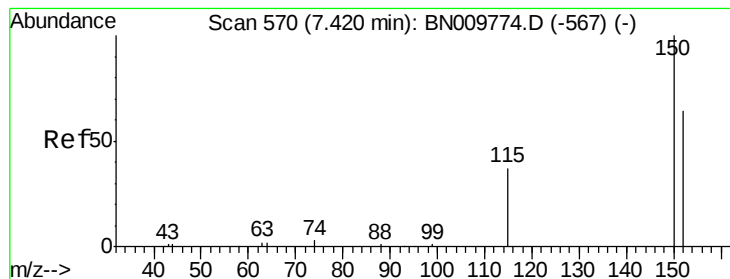
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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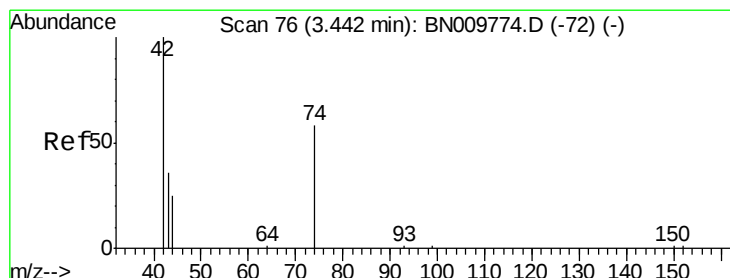
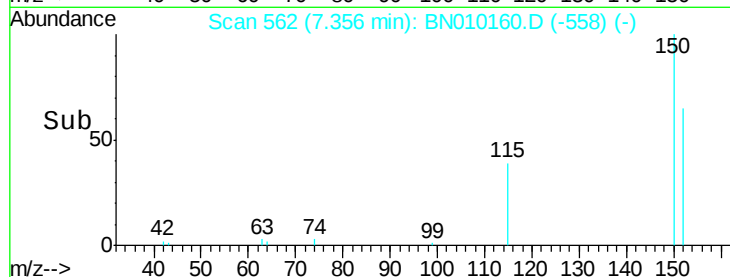
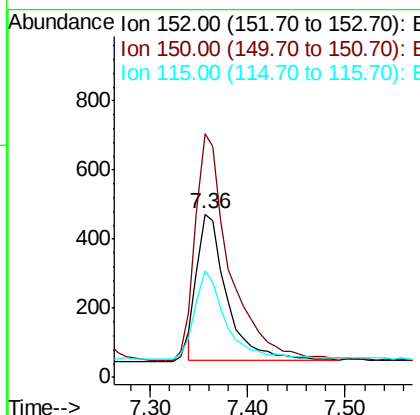
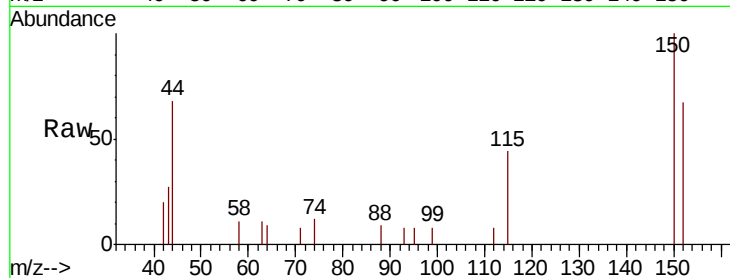




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.36 min Scan# 562
 Delta R.T. -0.06 min
 Lab File: BN010160.D
 Acq: 10 Mar 2020 14:20

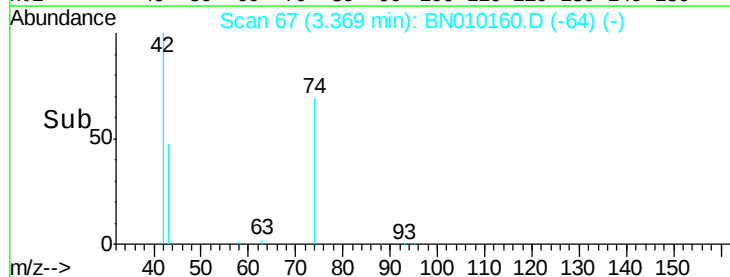
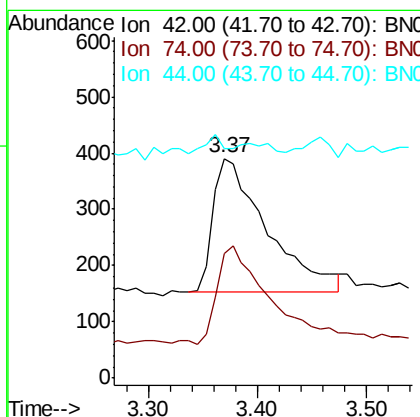
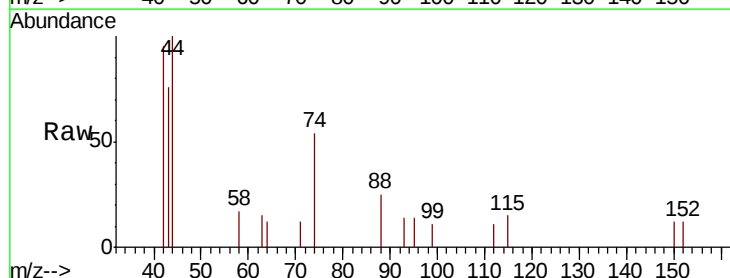
Instrument :
 BNA_N
 ClientSampleId :
 PB127383BS

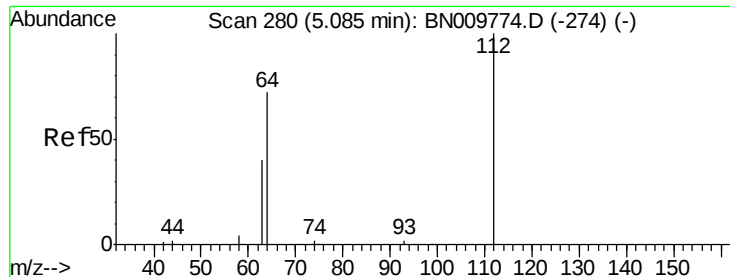
Tot Ion:152 Resp: 876
 Ion Ratio Lower Upper
 152 100
 150 149.0 120.6 181.0
 115 65.1 51.2 76.8



#3
 n-Nitrosodimethylamine
 Concen: 0.551 ng
 RT: 3.37 min Scan# 67
 Delta R.T. -0.07 min
 Lab File: BN010160.D
 Acq: 10 Mar 2020 14:20

Tgt Ion: 42 Resp: 811
 Ion Ratio Lower Upper
 42 100
 74 67.1 51.2 76.8
 44 4.9 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.490 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.06 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Instrument :

BNA_N

ClientSampled :

PB127383BS

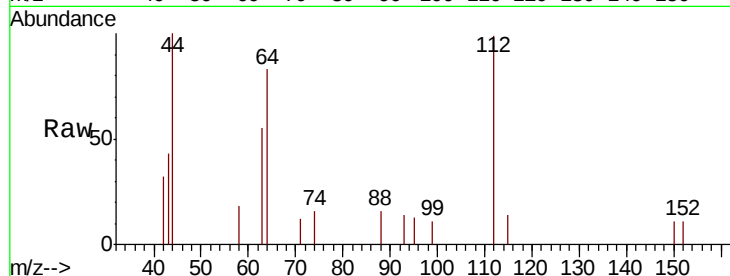
Tot Ion: 112 Resp: 955

Ion Ratio Lower Upper

112 100

64 76.2 65.8 98.6

63 48.5 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

Time-->

5.02

400

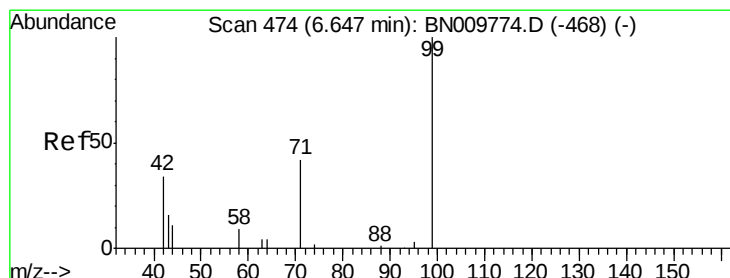
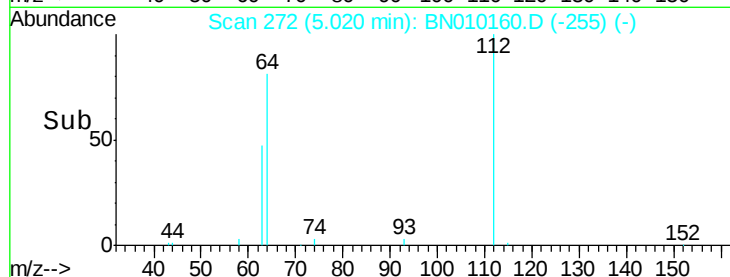
300

200

100

0

4.90 5.00 5.10 5.20



#5

Phenol-d6

Concen: 0.470 ng

RT: 6.59 min Scan# 467

Delta R.T. -0.06 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

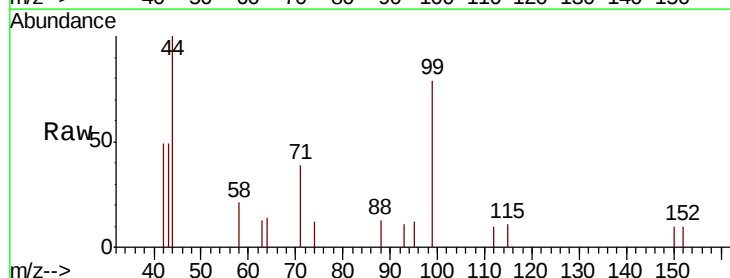
Tgt Ion: 99 Resp: 1115

Ion Ratio Lower Upper

99 100

42 36.4 30.8 46.2

71 42.2 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

Time-->

6.59

400

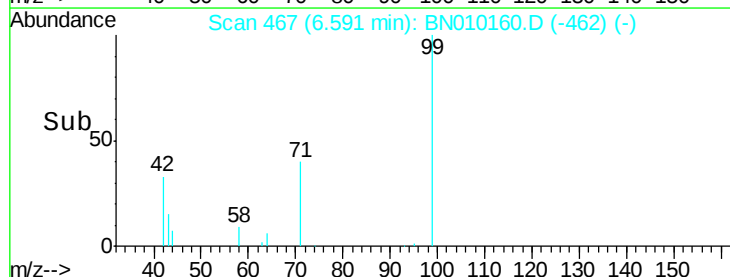
300

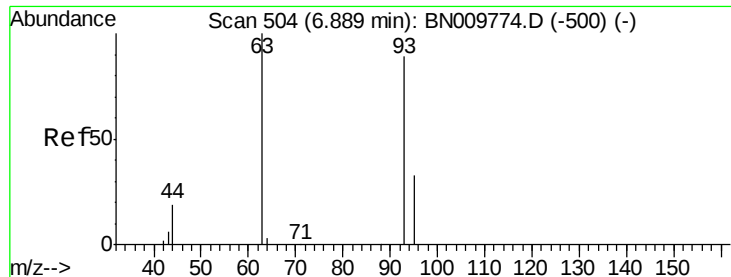
200

100

0

6.50 6.60 6.70 6.80





#6

bis(2-Chloroethyl)ether

Concen: 0.482 ng

RT: 6.82 min Scan# 496

Delta R.T. -0.06 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Instrument :

BNA_N

ClientSampleId :

PB127383BS

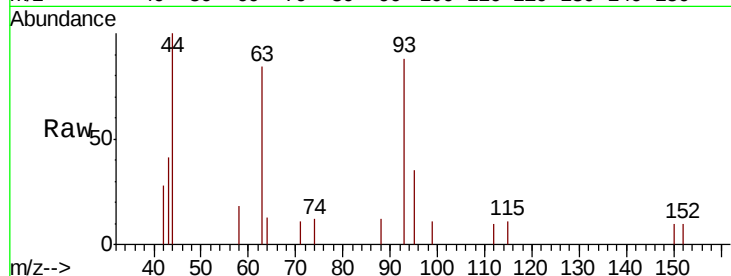
Tot Ion: 93 Resp: 1111

Ion Ratio Lower Upper

93 100

63 87.7 74.0 111.0

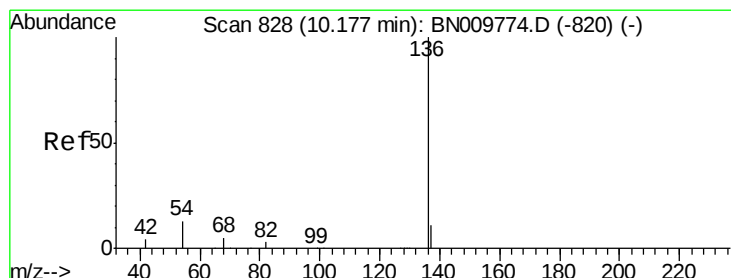
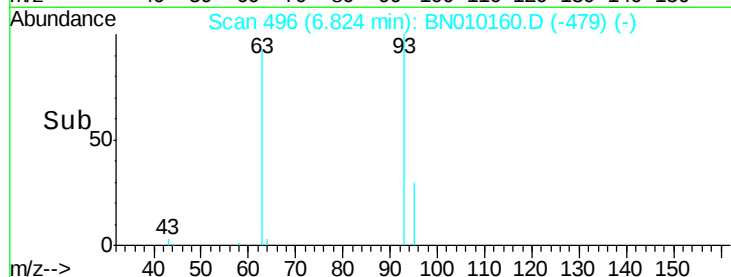
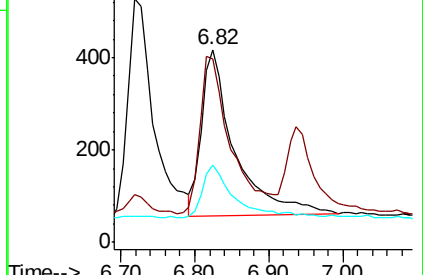
95 29.8 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.11 min Scan# 823

Delta R.T. -0.06 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Tgt Ion: 136 Resp: 3098

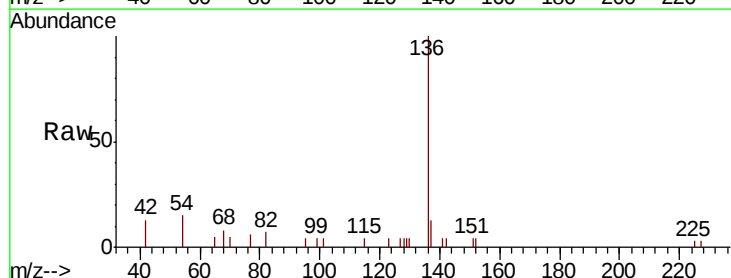
Ion Ratio Lower Upper

136 100

137 13.3 11.3 16.9

54 15.1 13.4 20.2

68 8.3 7.0 10.4

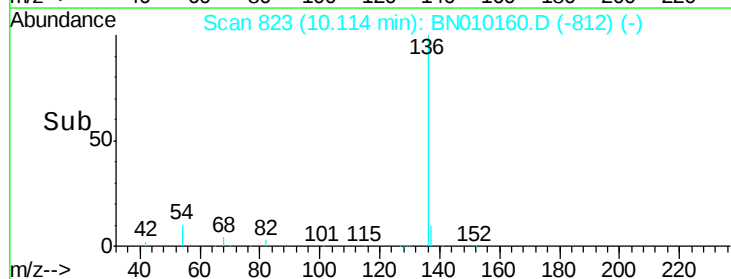
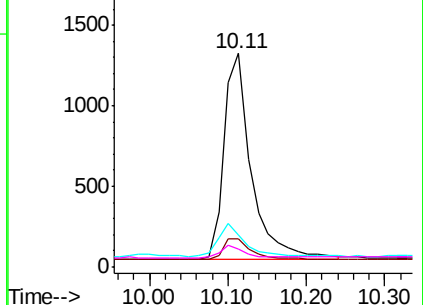


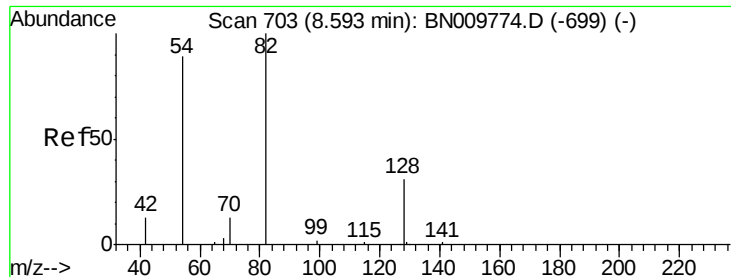
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.419 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.05 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Instrument :

BNA_N

ClientSampleId :

PB127383BS

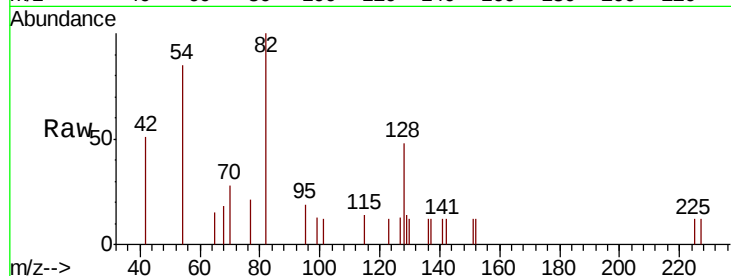
Tot Ion: 82 Resp: 1080

Ion Ratio Lower Upper

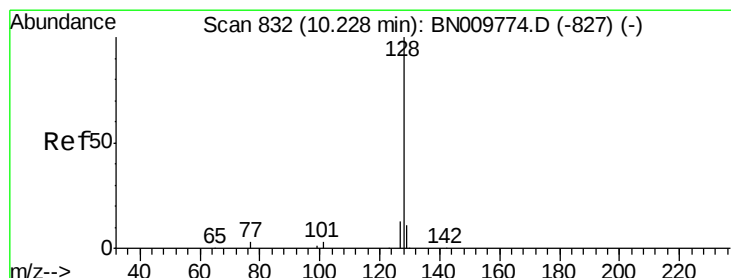
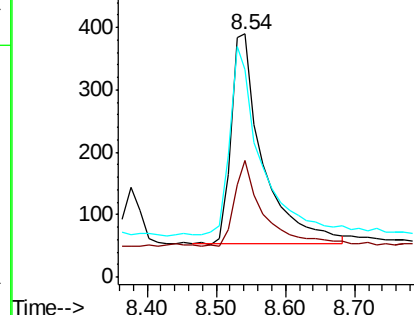
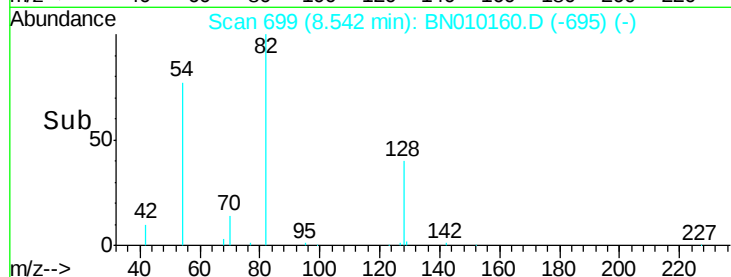
82 100

128 47.9 32.5 48.7

54 85.4 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0



#9

Naphthalene

Concen: 0.384 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.08 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

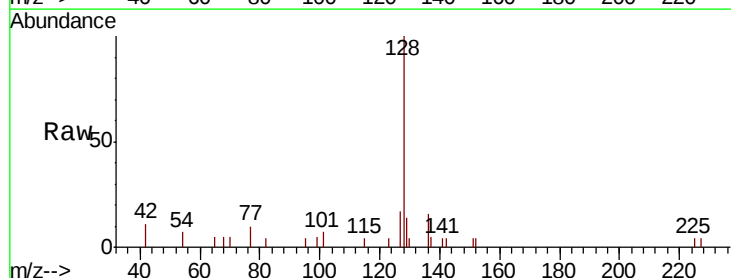
Tgt Ion: 128 Resp: 3241

Ion Ratio Lower Upper

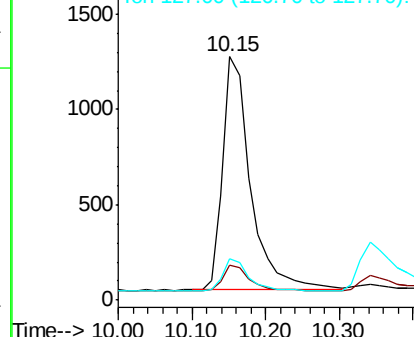
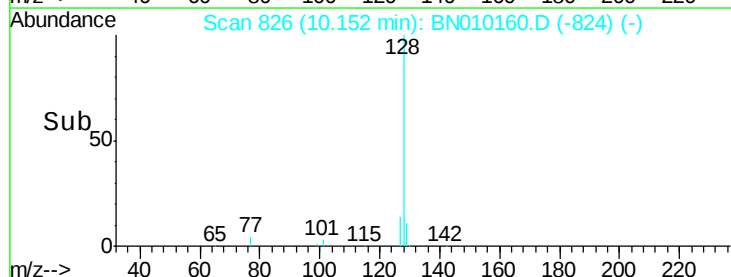
128 100

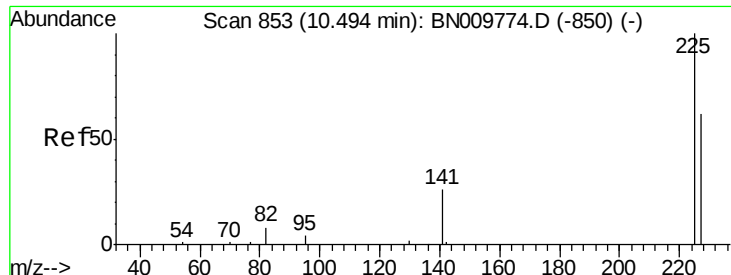
129 14.4 11.1 16.7

127 16.9 12.6 19.0



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

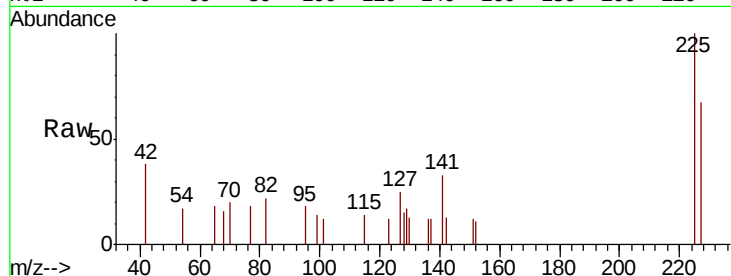




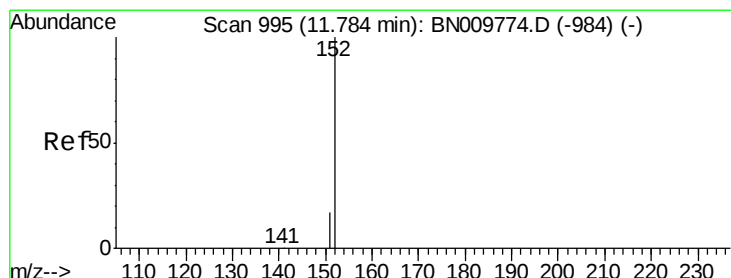
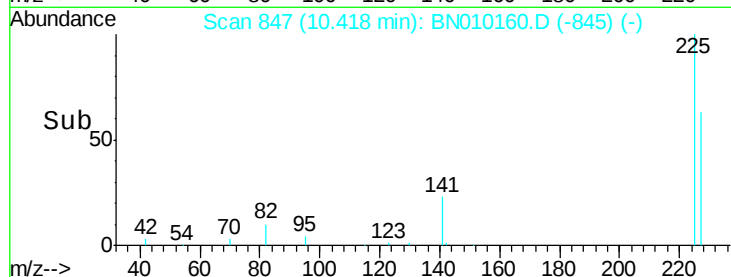
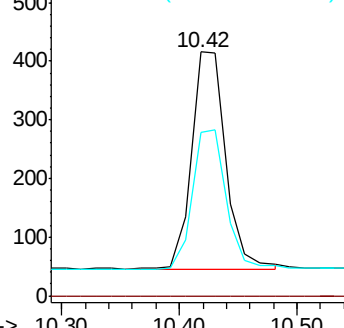
#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.08 min
Lab File: BN010160.D
Acq: 10 Mar 2020 14:20

Instrument :
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Tot Ion:225 Resp: 754
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.7 53.4 80.2

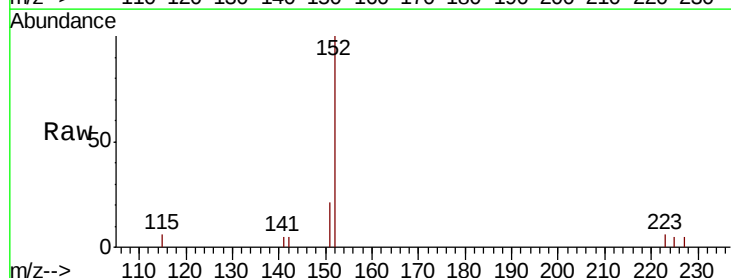


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

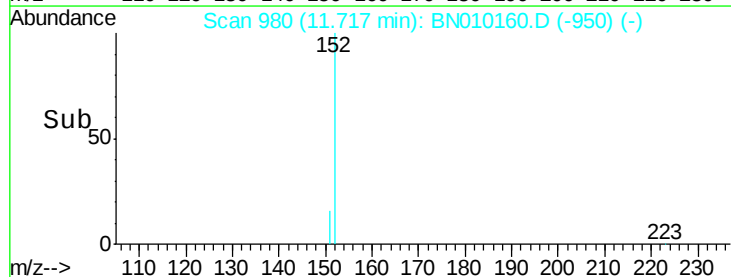
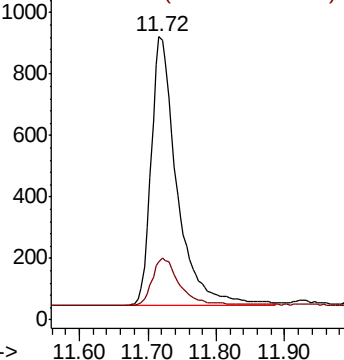


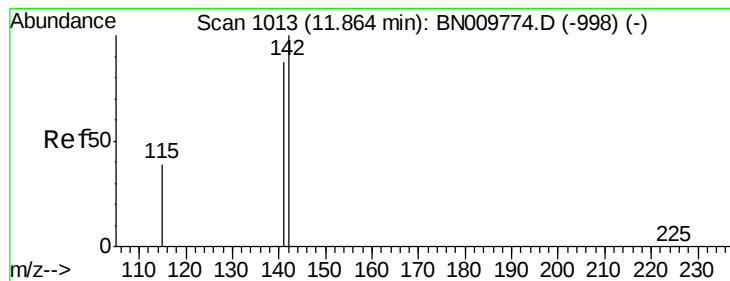
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 11.72 min Scan# 980
Delta R.T. -0.07 min
Lab File: BN010160.D
Acq: 10 Mar 2020 14:20

Tgt Ion:152 Resp: 2287
Ion Ratio Lower Upper
152 100
151 18.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.380 ng

RT: 11.80 min Scan# 998

Delta R.T. -0.07 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Instrument :

BNA_N

ClientSampleId :

PB127383BS

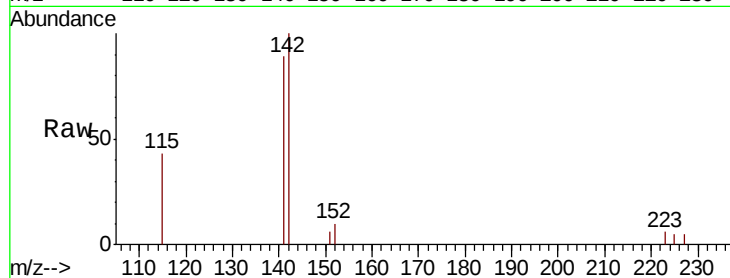
Tot Ion:142 Resp: 2201

Ion Ratio Lower Upper

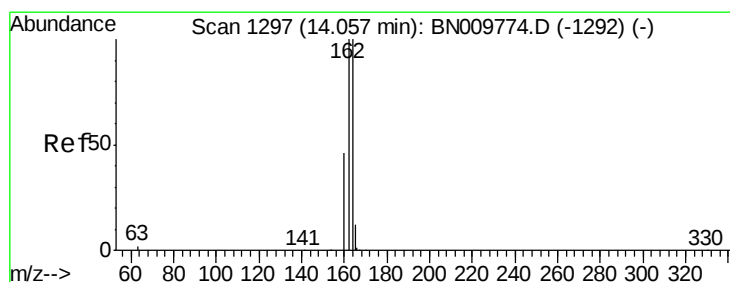
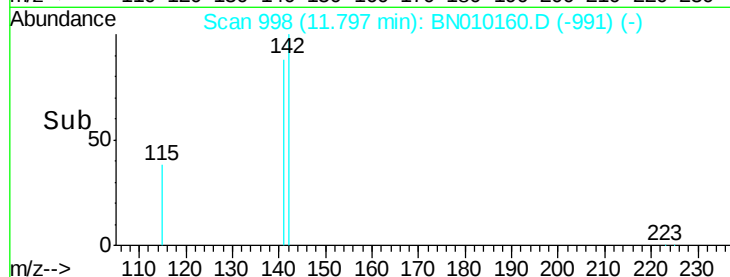
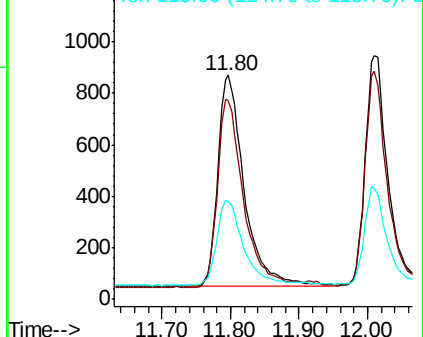
142 100

141 88.6 69.8 104.6

115 43.4 34.6 52.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

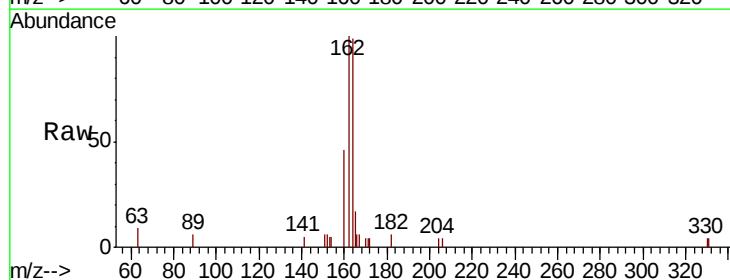
Tgt Ion:164 Resp: 1859

Ion Ratio Lower Upper

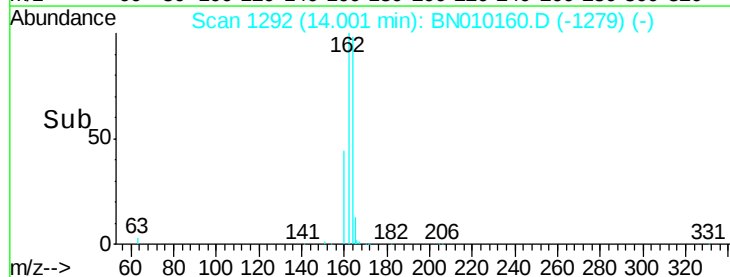
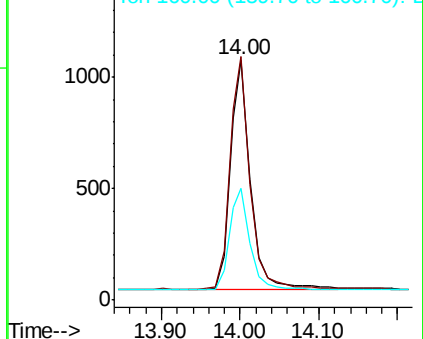
164 100

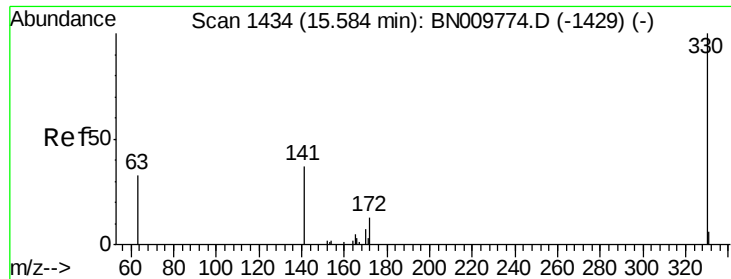
162 101.5 79.9 119.9

160 46.8 38.2 57.2



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

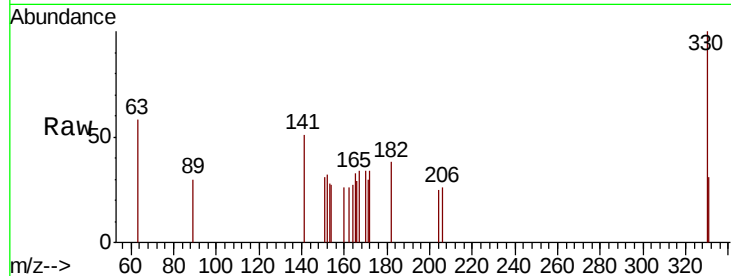




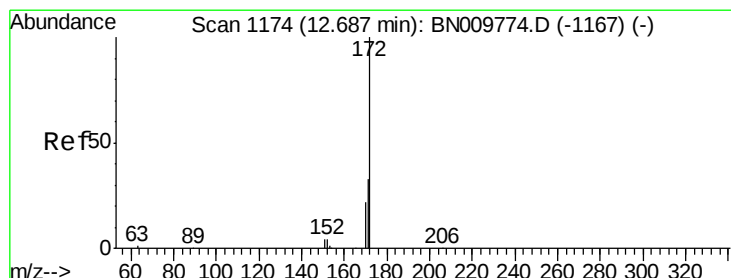
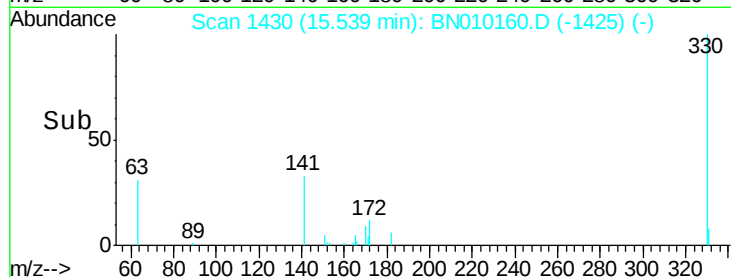
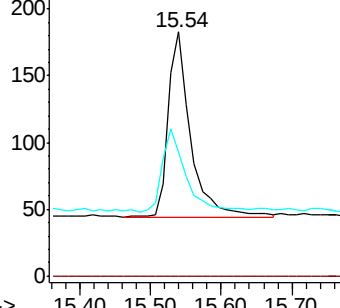
#14
 2,4,6-Tribromophenol
 Concen: 0.437 ng
 RT: 15.54 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BN010160.D
 Acq: 10 Mar 2020 14:20

Instrument :
 BNA_N
 ClientSampleId :
 PB127383BS

Tot Ion:330 Resp: 313
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 47.6 36.8 55.2

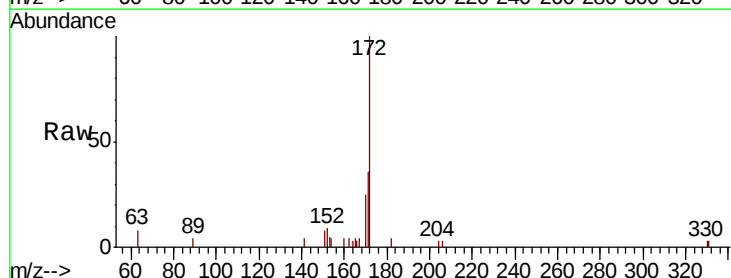


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

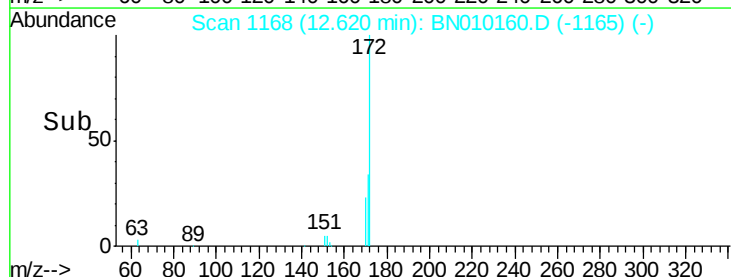
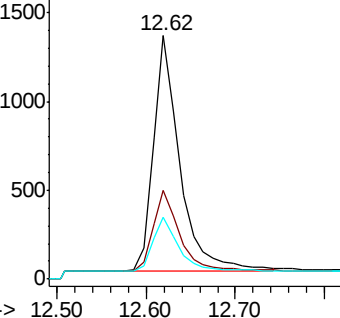


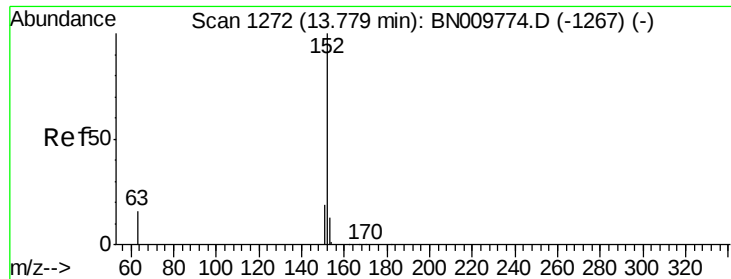
#15
 2-Fluorobiphenyl
 Concen: 0.390 ng
 RT: 12.62 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BN010160.D
 Acq: 10 Mar 2020 14:20

Tgt Ion:172 Resp: 2740
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.7 43.1
 170 25.3 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.380 ng

RT: 13.72 min Scan# 1267

Delta R.T. -0.06 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Instrument :

BNA_N

ClientSampleId :

PB127383BS

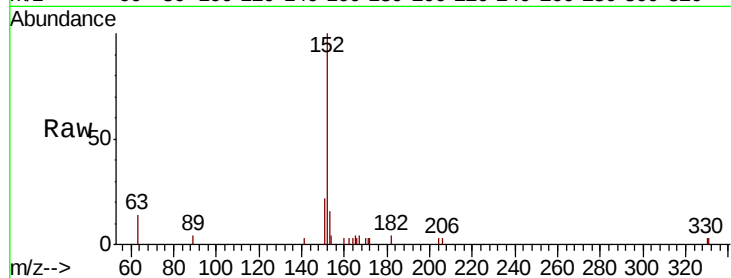
Tot Ion:152 Resp: 3008

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

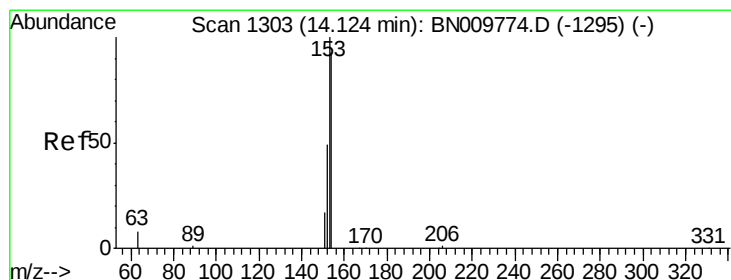
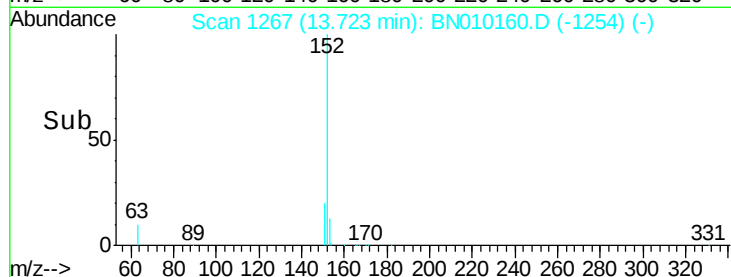
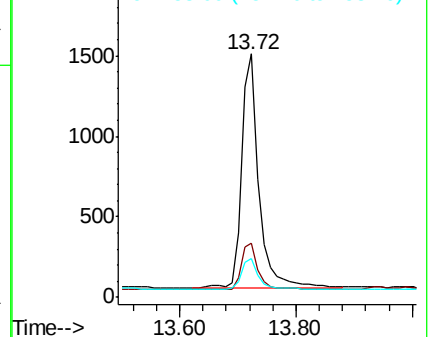
153 12.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.375 ng

RT: 14.07 min Scan# 1298

Delta R.T. -0.06 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

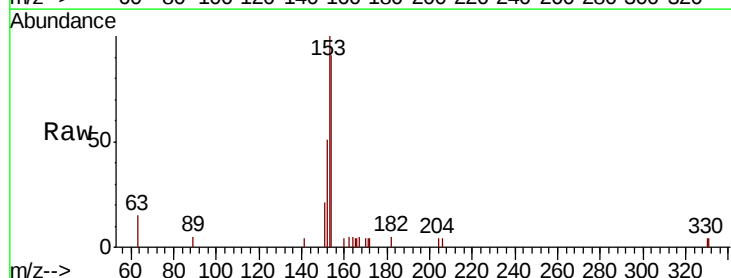
Tgt Ion:154 Resp: 2088

Ion Ratio Lower Upper

154 100

153 112.5 88.9 133.3

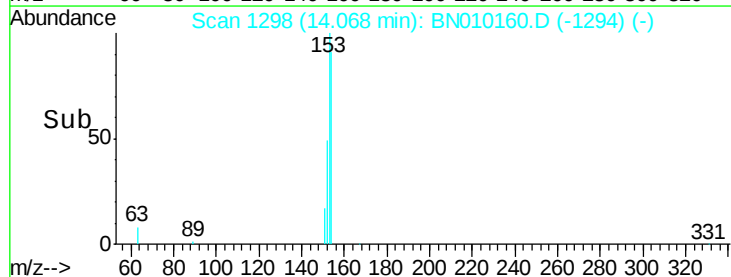
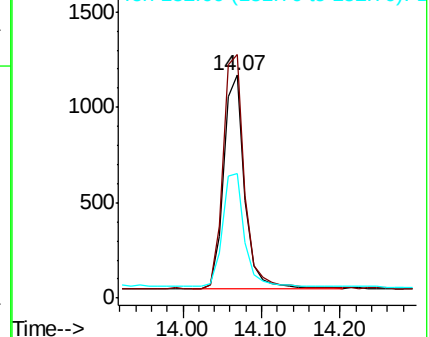
152 55.6 44.2 66.2

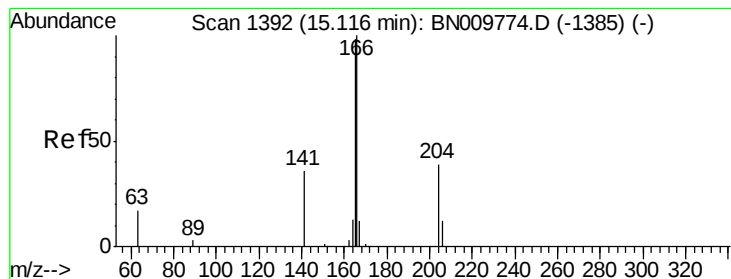


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.362 ng

RT: 15.07 min Scan# 1388

Delta R.T. -0.04 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Instrument :

BNA_N

ClientSampleId :

PB127383BS

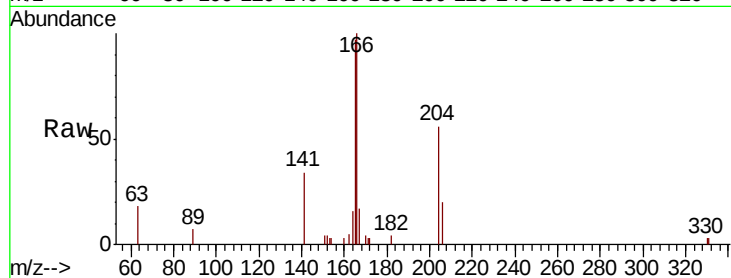
Tot Ion:166 Resp: 2663

Ion Ratio Lower Upper

166 100

165 96.8 77.2 115.8

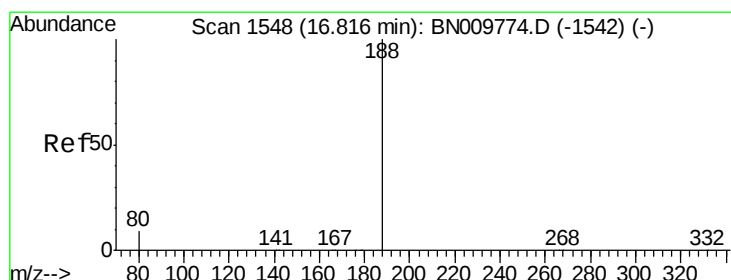
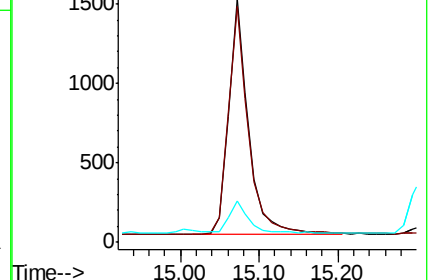
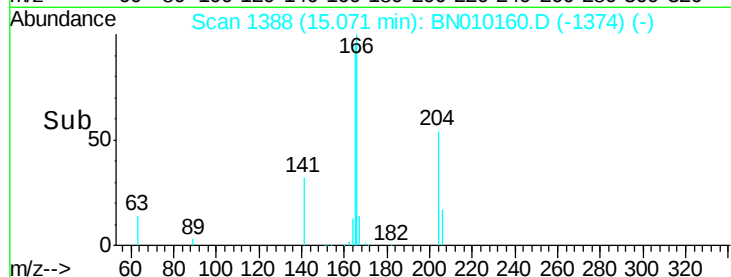
167 13.4 10.5 15.7



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: 16.77 min Scan# 1544

Delta R.T. -0.04 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

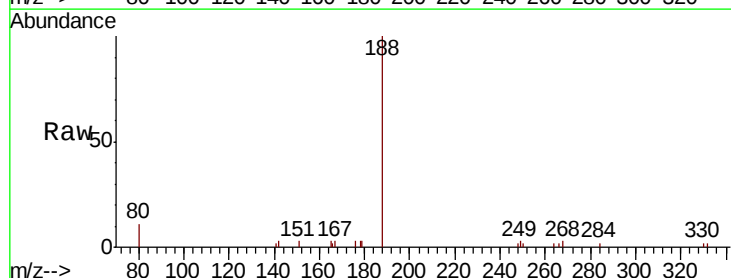
Tgt Ion:188 Resp: 3840

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

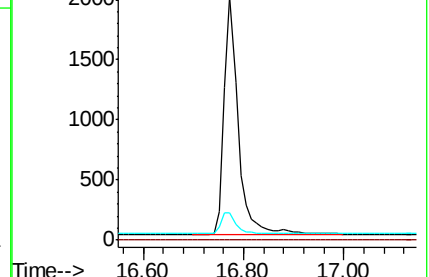
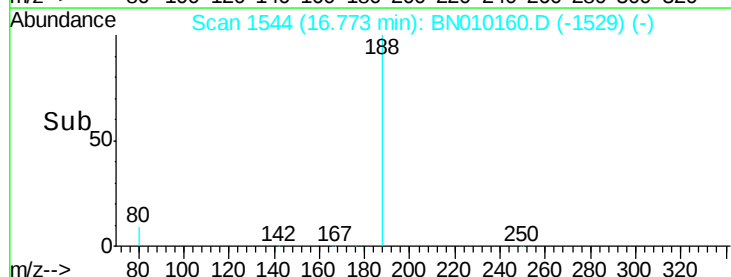
80 11.1 8.3 12.5

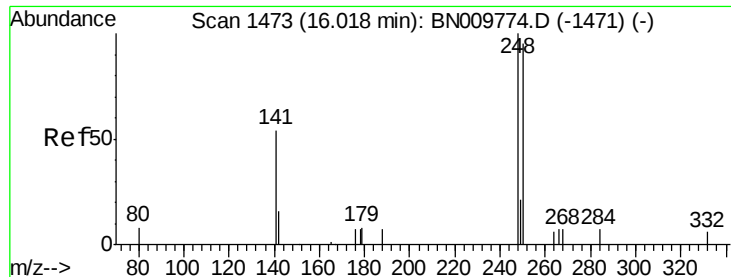


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

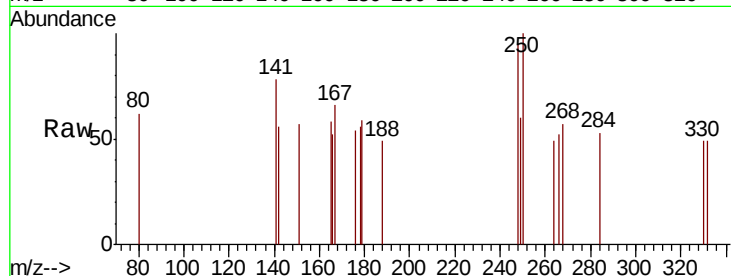




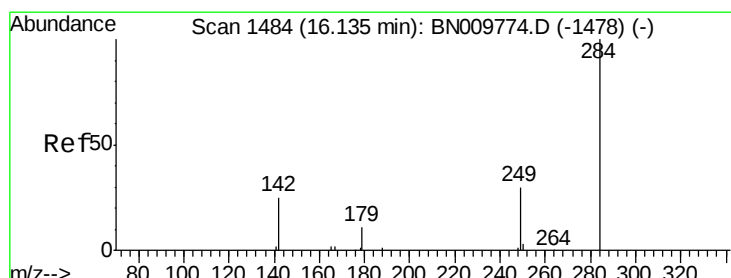
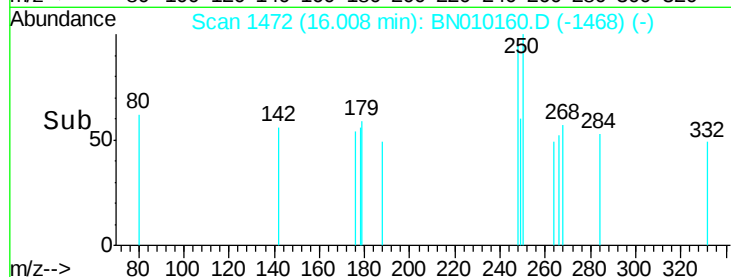
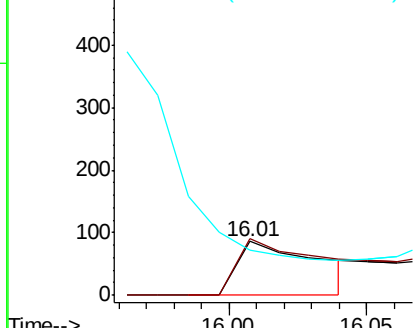
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010160.D
Acq: 10 Mar 2020 14:20

Instrument :
BNA_N
ClientSampled :
PB127383BS

Tot Ion:248 Resp: 175
Ion Ratio Lower Upper
248 100
250 105.8 76.2 114.4
141 82.6 57.8 86.6

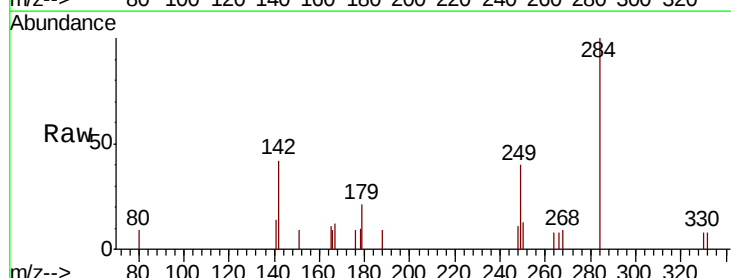


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

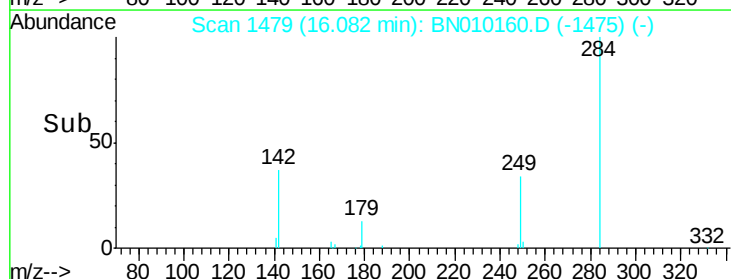
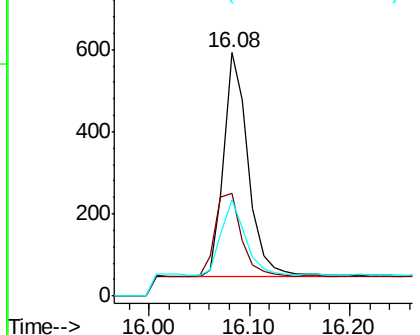


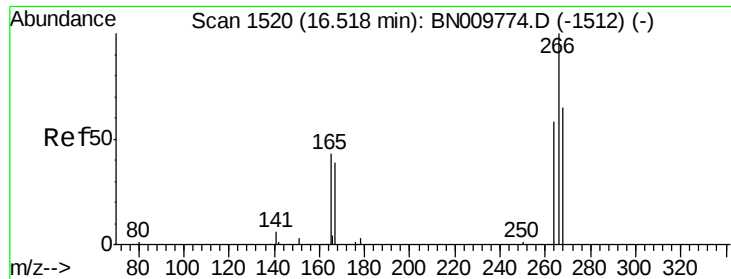
#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.08 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BN010160.D
Acq: 10 Mar 2020 14:20

Tgt Ion:284 Resp: 938
Ion Ratio Lower Upper
284 100
142 40.3 33.3 49.9
249 31.9 25.7 38.5



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

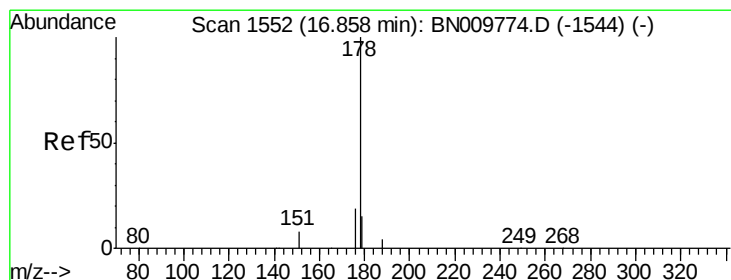
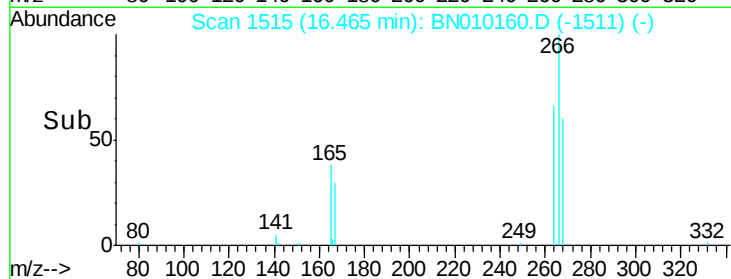
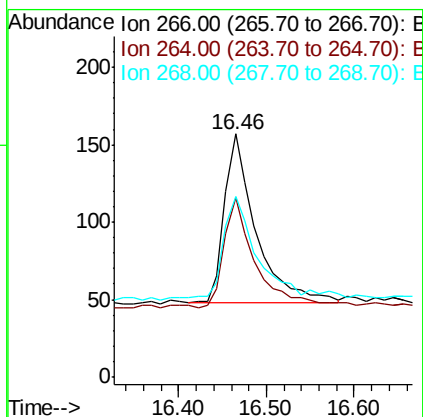
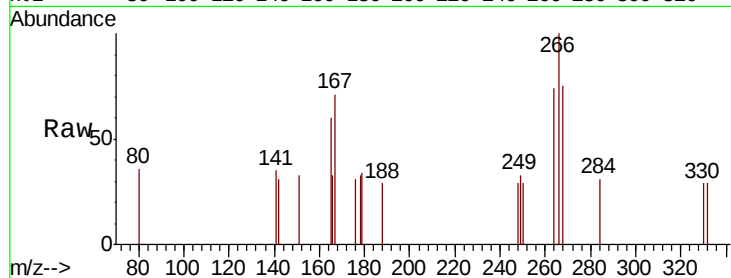




#22
 Pentachlorophenol
 Concen: 0.516 ng
 RT: 16.46 min Scan# 1515
 Delta R.T. -0.05 min
 Lab File: BN010160.D
 Acq: 10 Mar 2020 14:20

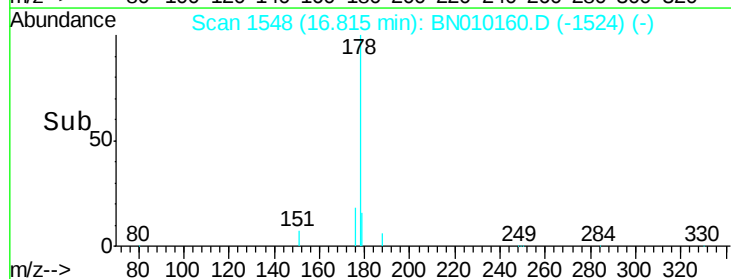
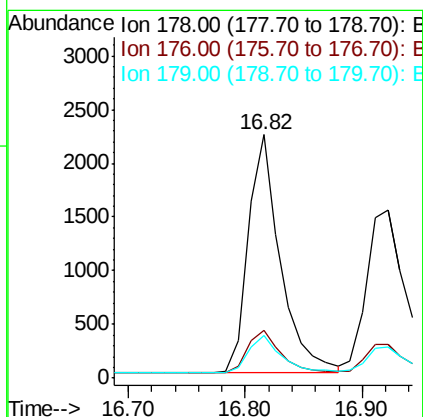
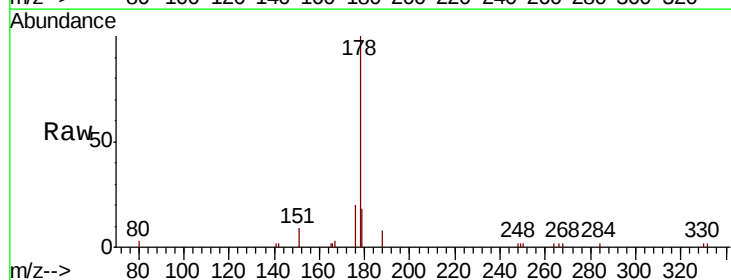
Instrument :
 BNA_N
 ClientSampleId :
 PB127383BS

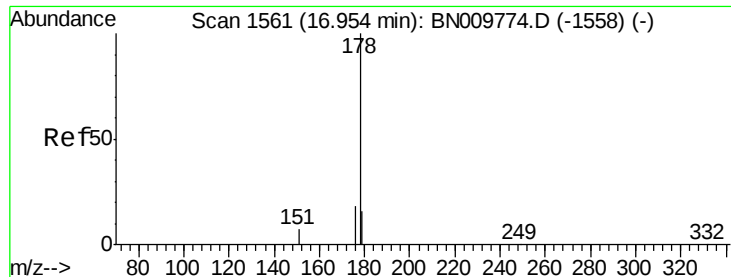
Tot Ion:266 Resp: 270
 Ion Ratio Lower Upper
 266 100
 264 73.9 58.1 87.1
 268 74.5 65.7 98.5



#23
 Phenanthrene
 Concen: 0.370 ng
 RT: 16.82 min Scan# 1548
 Delta R.T. -0.04 min
 Lab File: BN010160.D
 Acq: 10 Mar 2020 14:20

Tgt Ion:178 Resp: 4231
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.3 22.9
 179 15.7 12.4 18.6





#24

Anthracene

Concen: 0.372 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.03 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Instrument :

BNA_N

ClientSampleId :

PB127383BS

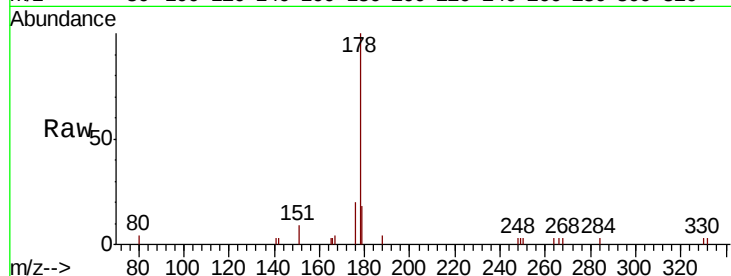
Tot Ion:178 Resp: 3596

Ion Ratio Lower Upper

178 100

176 18.4 14.3 21.5

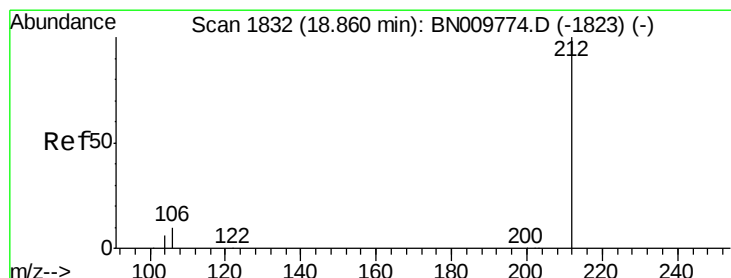
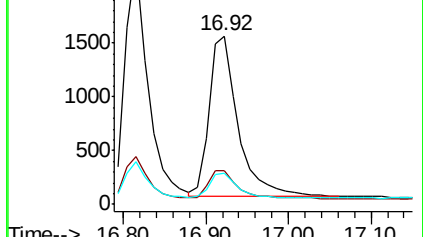
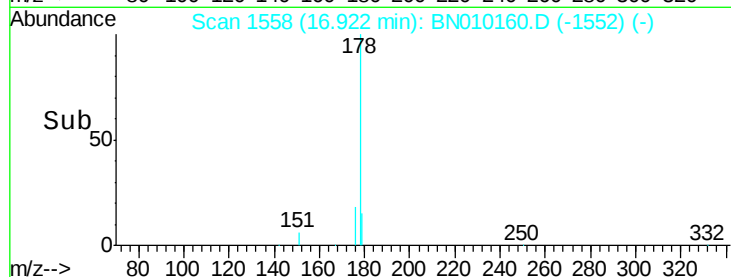
179 15.4 12.4 18.6



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: 0.372 ng

RT: 18.82 min Scan# 1824

Delta R.T. -0.04 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

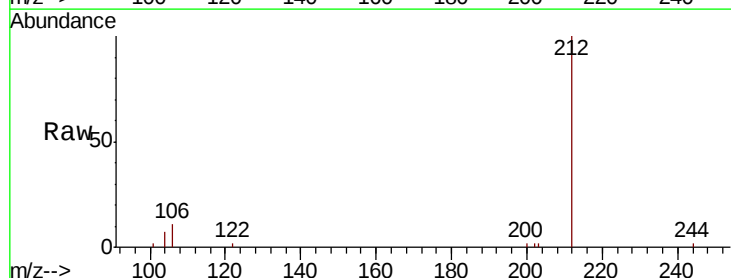
Tgt Ion:212 Resp: 4944

Ion Ratio Lower Upper

212 100

106 9.9 8.4 12.6

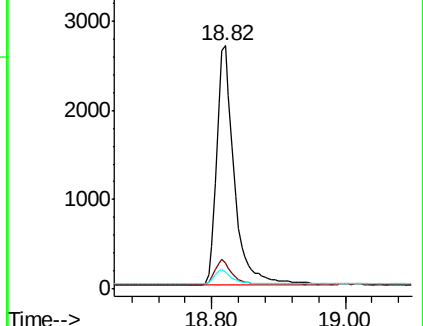
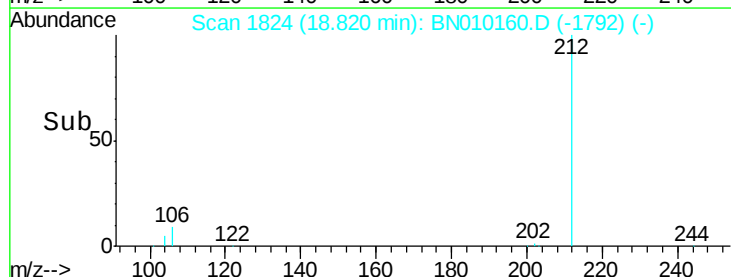
104 6.2 4.8 7.2

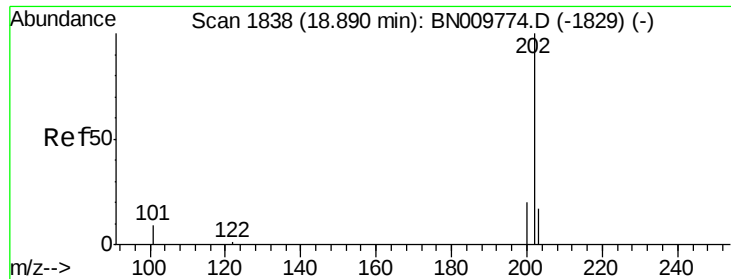


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

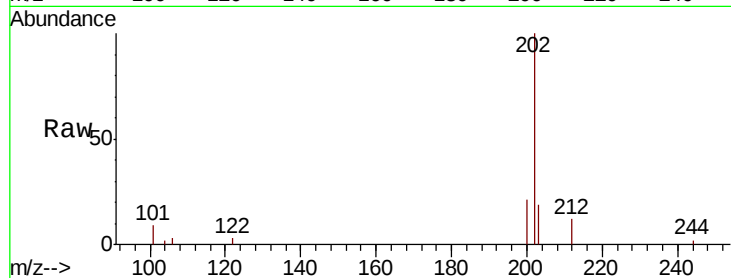




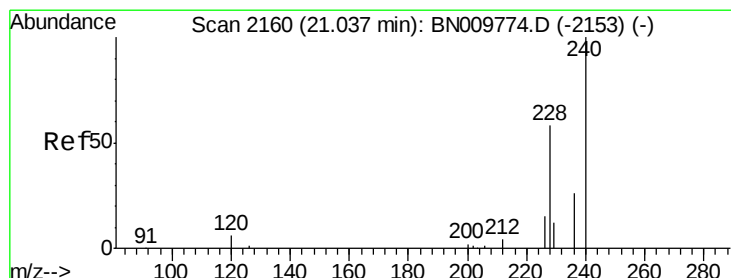
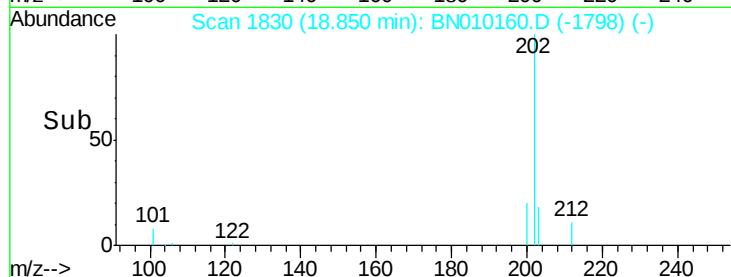
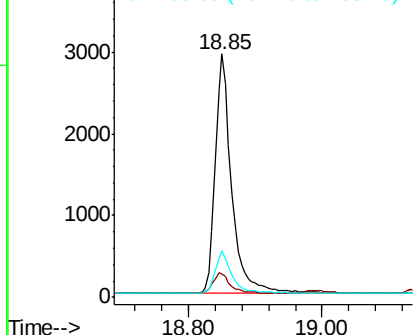
#26
 Fluoranthene
 Concen: 0.368 ng
 RT: 18.85 min Scan# 1830
 Delta R.T. -0.04 min
 Lab File: BN010160.D
 Acq: 10 Mar 2020 14:20

Instrument :
 BNA_N
 ClientSampleId :
 PB127383BS

Tot Ion:202 Resp: 5038
 Ion Ratio Lower Upper
 202 100
 101 8.4 7.1 10.7
 203 17.0 13.8 20.6

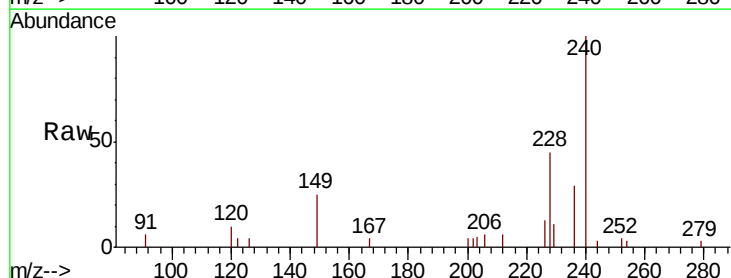


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

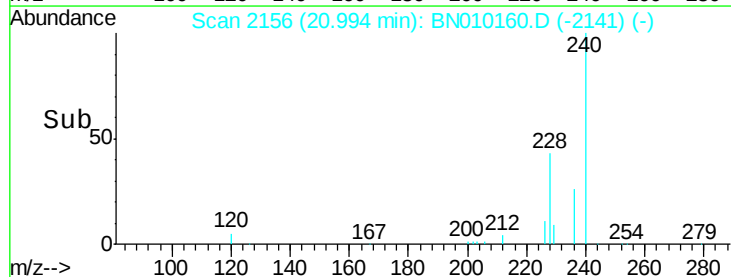
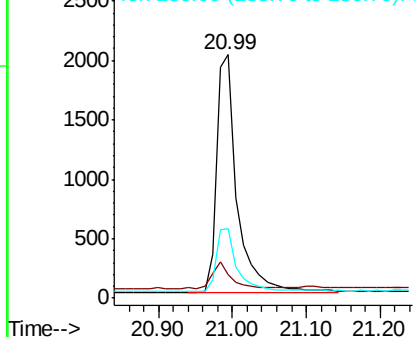


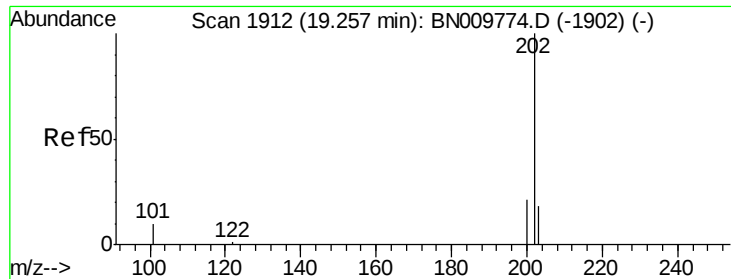
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.99 min Scan# 2156
 Delta R.T. -0.04 min
 Lab File: BN010160.D
 Acq: 10 Mar 2020 14:20

Tgt Ion:240 Resp: 3912
 Ion Ratio Lower Upper
 240 100
 120 9.5 7.9 11.9
 236 28.6 22.0 33.0



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

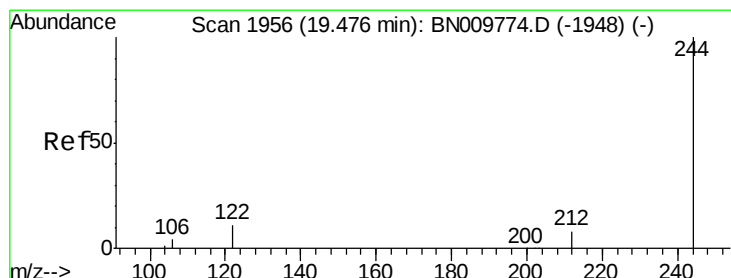
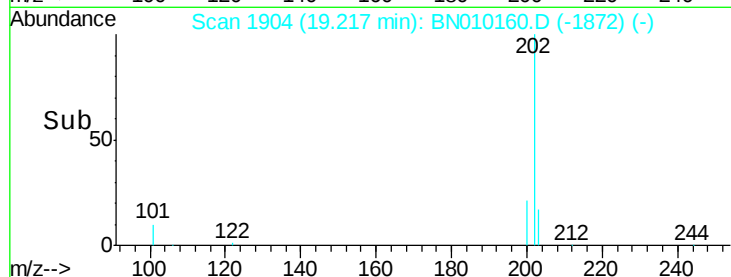
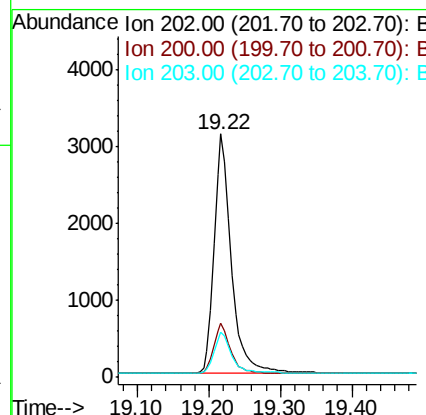
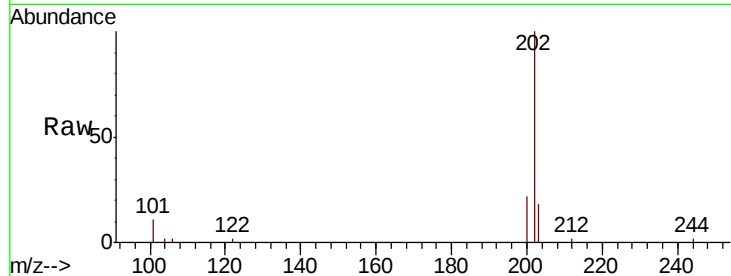




#28
Pvrene
Concen: 0.352 ng
RT: 19.22 min Scan# 1904
Delta R.T. -0.04 min
Lab File: BN010160.D
Acq: 10 Mar 2020 14:20

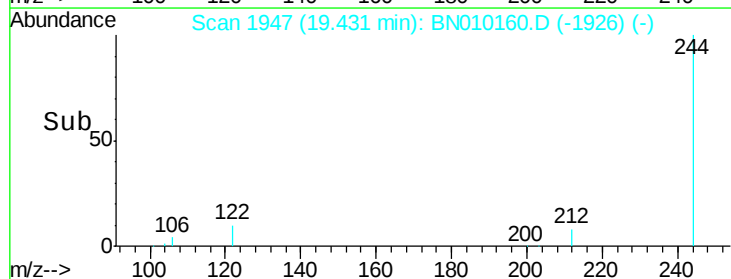
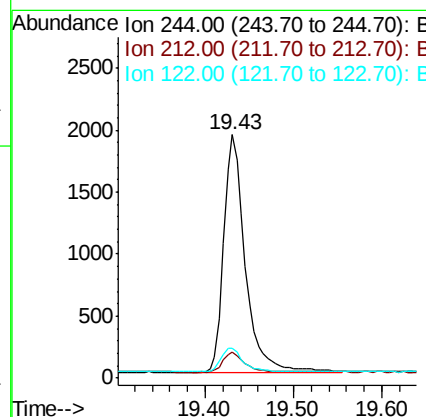
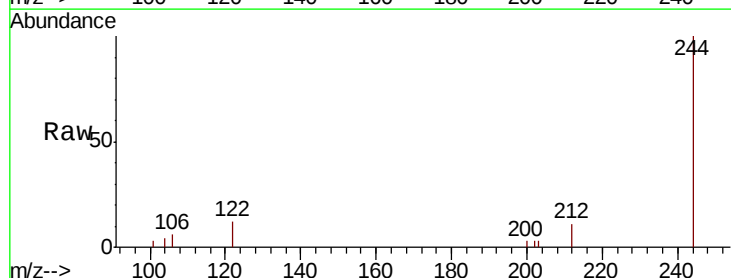
Instrument :
BNA_N
ClientSampleId :
PB127383BS

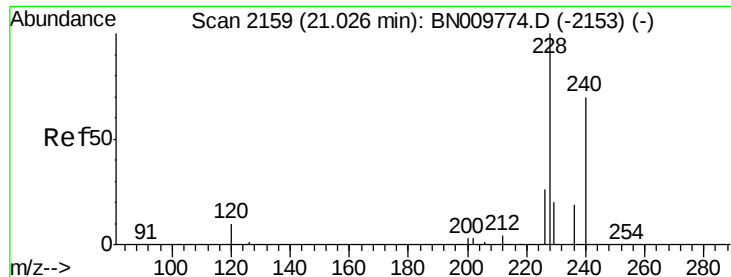
Tot Ion:202 Resp: 5228
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 17.3 13.9 20.9



#29
Terphenyl-d14
Concen: 0.346 ng
RT: 19.43 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BN010160.D
Acq: 10 Mar 2020 14:20

Tgt Ion:244 Resp: 3233
Ion Ratio Lower Upper
244 100
212 10.8 8.0 12.0
122 12.2 10.0 15.0





#30

Benzo(a)anthracene

Concen: 0.367 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.05 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Instrument :

BNA_N

ClientSampleId :

PB127383BS

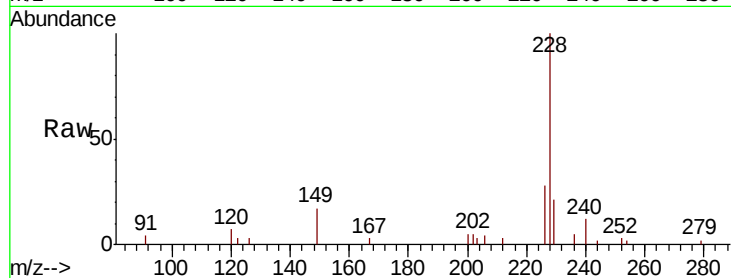
Tot Ion:228 Resp: 4758

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

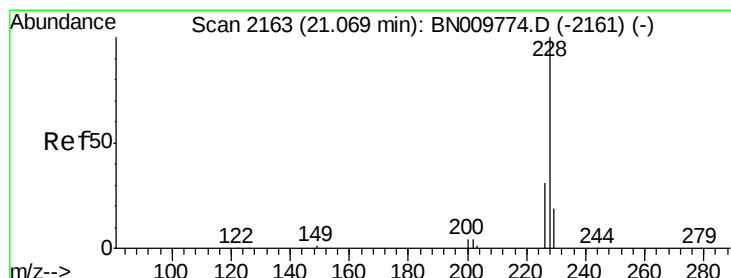
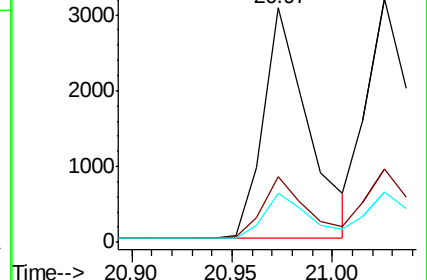
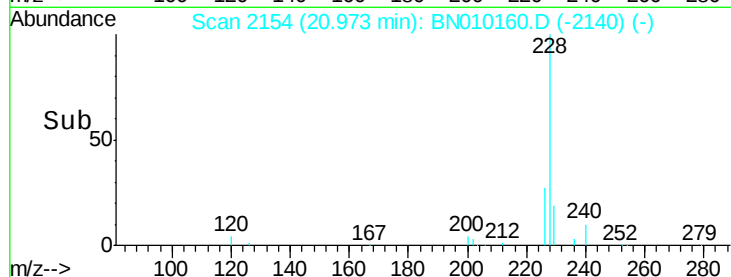
229 20.8 17.1 25.7



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: 0.352 ng

RT: 21.03 min Scan# 2159

Delta R.T. -0.04 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

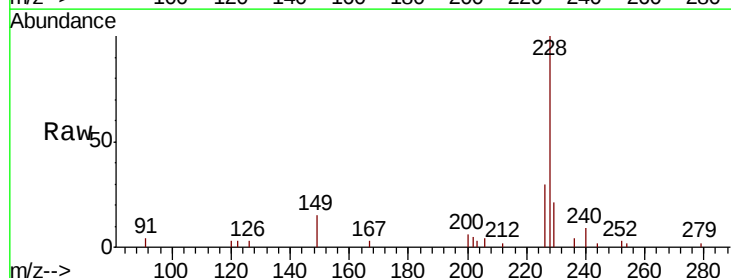
Tgt Ion:228 Resp: 5289

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

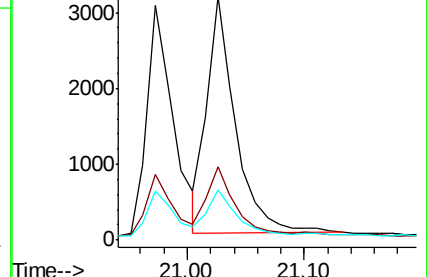
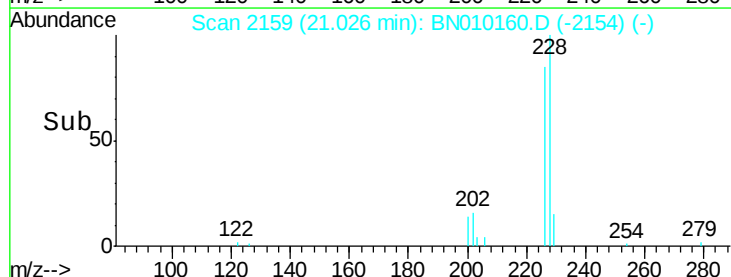
229 20.6 16.4 24.6

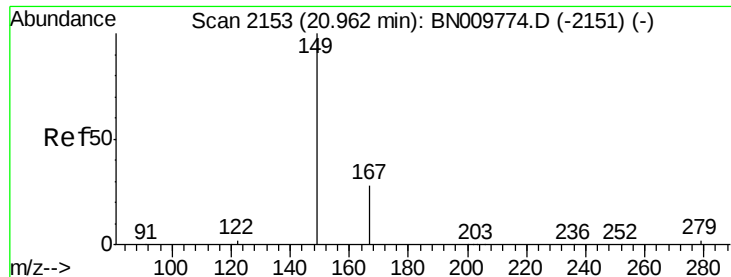


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.476 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Instrument :

BNA_N

ClientSampleId :

PB127383BS

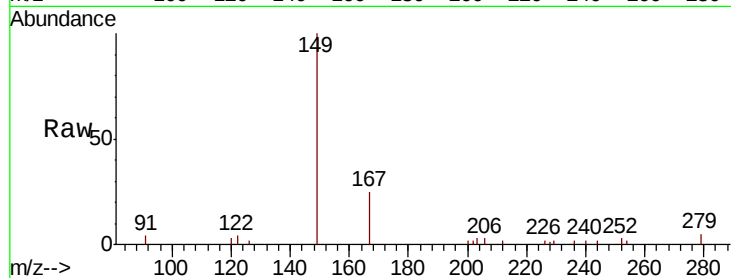
Tot Ion:149 Resp: 3018

Ion Ratio Lower Upper

149 100

167 26.8 22.7 34.1

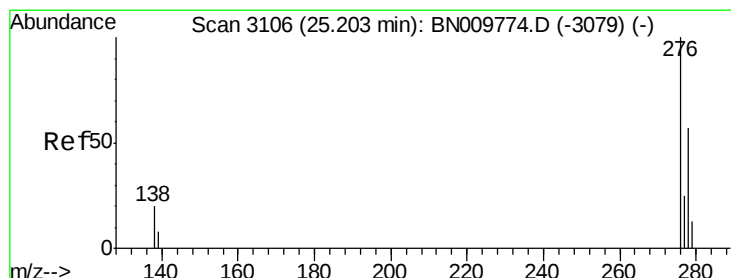
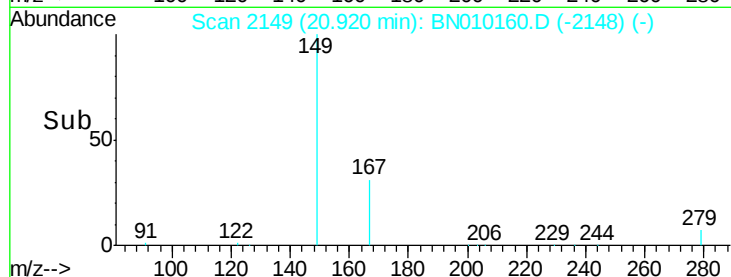
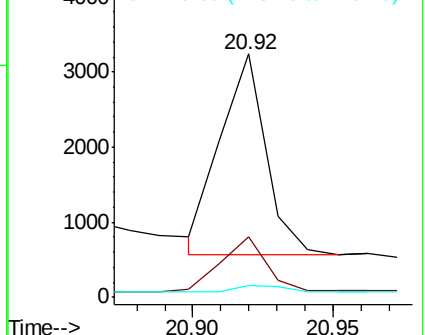
279 3.9 3.1 4.7



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: 0.421 ng

RT: 25.13 min Scan# 3086

Delta R.T. -0.07 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

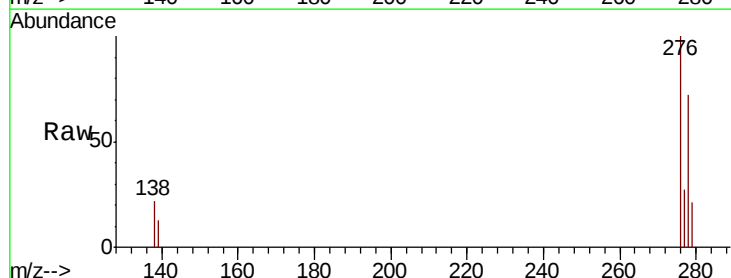
Tgt Ion:276 Resp: 6583

Ion Ratio Lower Upper

276 100

138 18.9 15.8 23.6

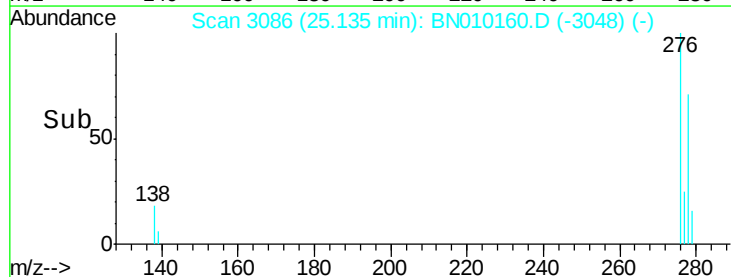
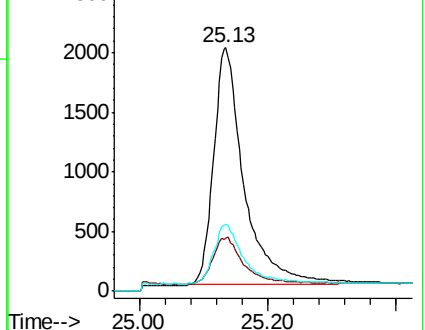
277 24.2 19.3 28.9

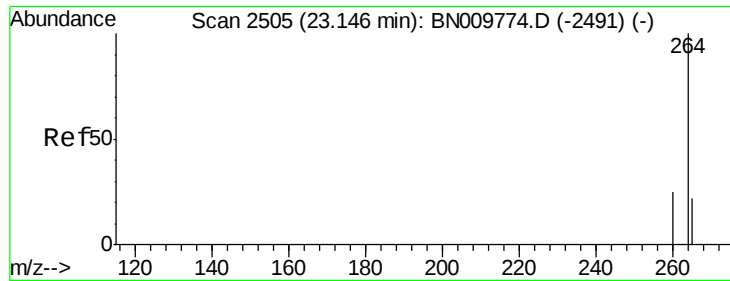


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

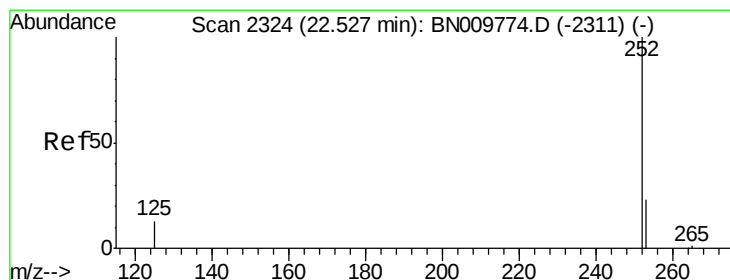
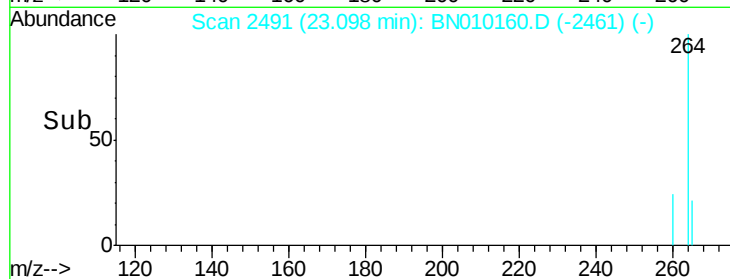
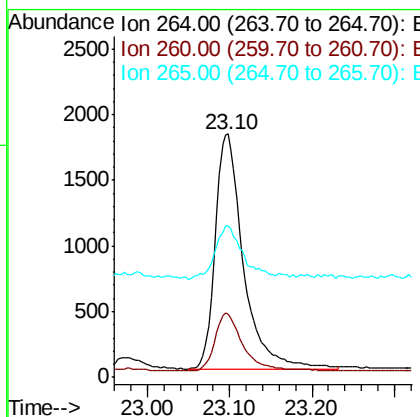
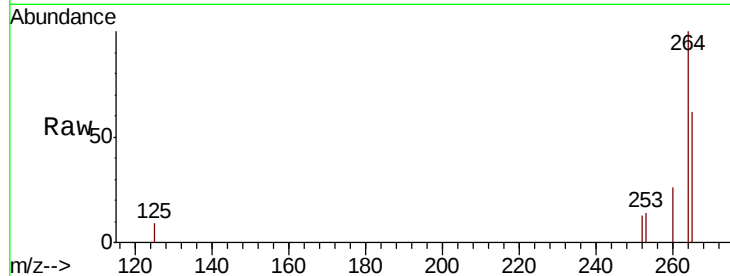




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010160.D
Acq: 10 Mar 2020 14:20

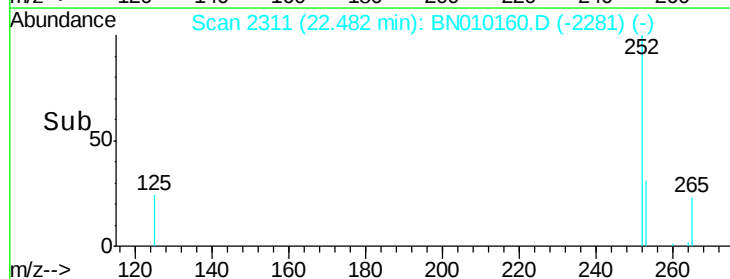
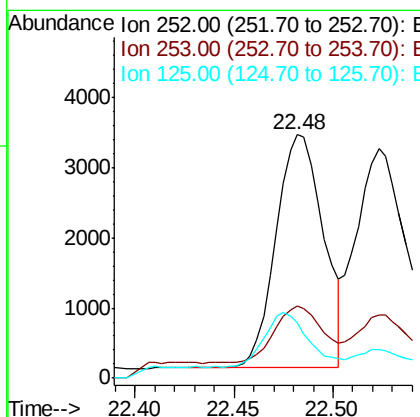
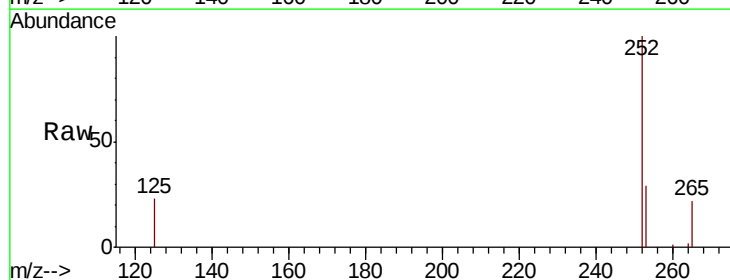
Instrument :
BNA_N
ClientSampleId :
PB127383BS

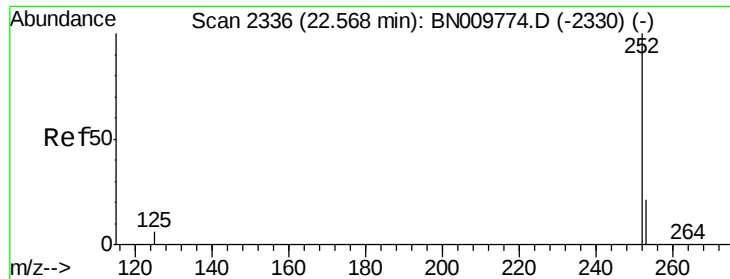
Tot Ion:264 Resp: 4249
Ion Ratio Lower Upper
264 100
260 26.1 21.1 31.7
265 62.0 57.5 86.3



#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 22.48 min Scan# 2311
Delta R.T. -0.04 min
Lab File: BN010160.D
Acq: 10 Mar 2020 14:20

Tgt Ion:252 Resp: 5530
Ion Ratio Lower Upper
252 100
253 29.4 23.0 34.6
125 22.7 14.4 21.6#

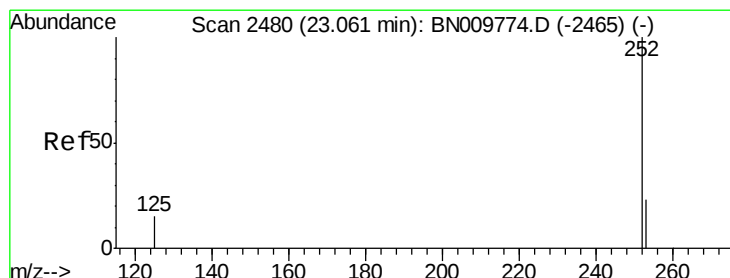
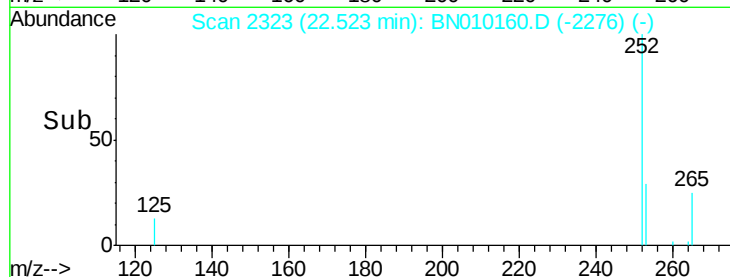
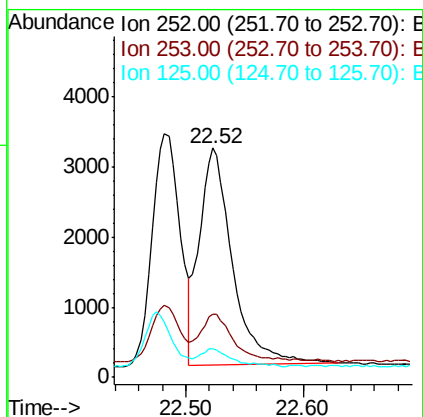
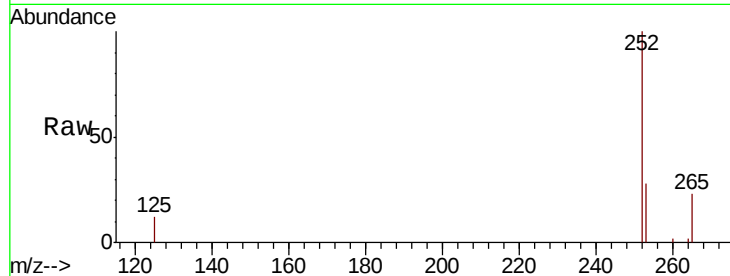




#36
Benzo(k)fluoranthene
Concen: 0.357 ng
RT: 22.52 min Scan# 2323
Delta R.T. -0.04 min
Lab File: BN010160.D
Acq: 10 Mar 2020 14:20

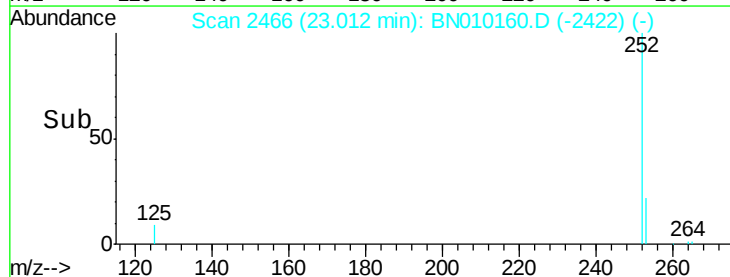
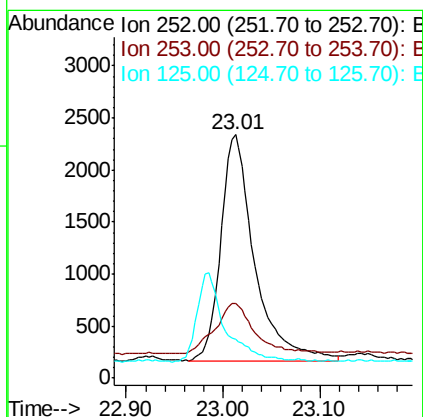
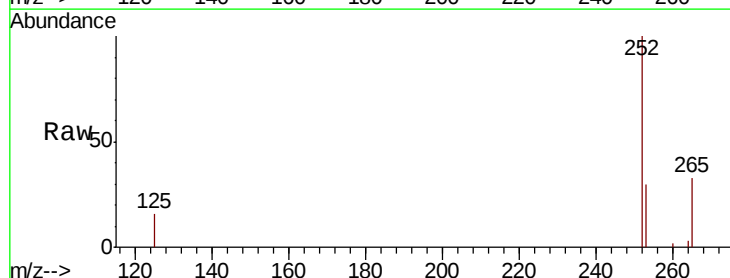
Instrument :
BNA_N
ClientSampleId :
PB127383BS

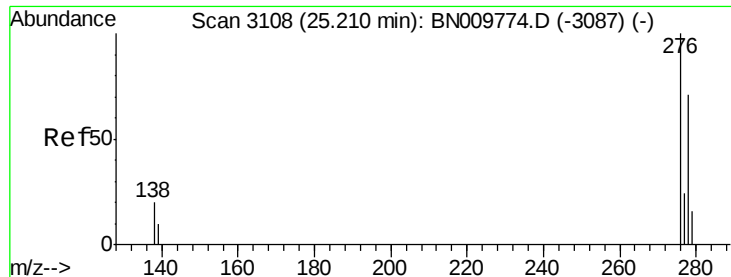
Tot Ion:252 Resp: 6036
Ion Ratio Lower Upper
252 100
253 27.7 22.2 33.2
125 12.2 10.5 15.7



#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.01 min Scan# 2466
Delta R.T. -0.05 min
Lab File: BN010160.D
Acq: 10 Mar 2020 14:20

Tgt Ion:252 Resp: 5284
Ion Ratio Lower Upper
252 100
253 30.5 25.3 37.9
125 15.9 17.7 26.5#





#38

Dibenzo(a,h)anthracene

Concen: 0.367 ng

RT: 25.13 min Scan# 3086

Delta R.T. -0.08 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

Instrument :

BNA_N

ClientSampleId :

PB127383BS

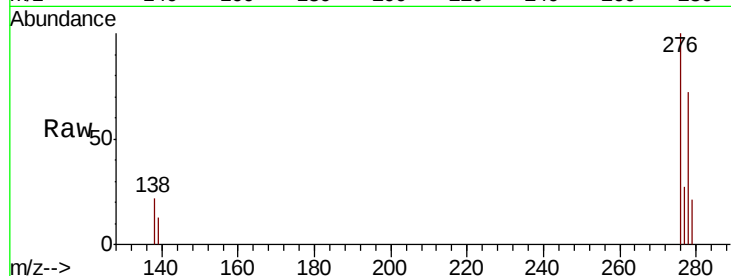
Tot Ion:278 Resp: 5126

Ion Ratio Lower Upper

278 100

139 17.7 14.5 21.7

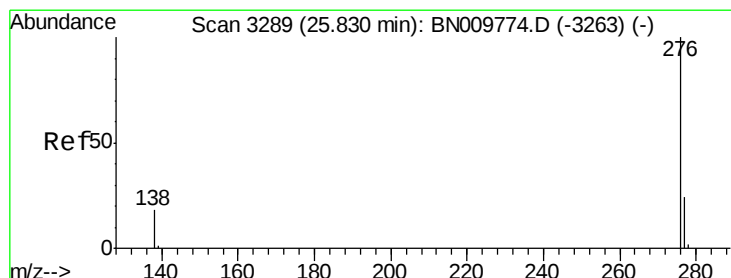
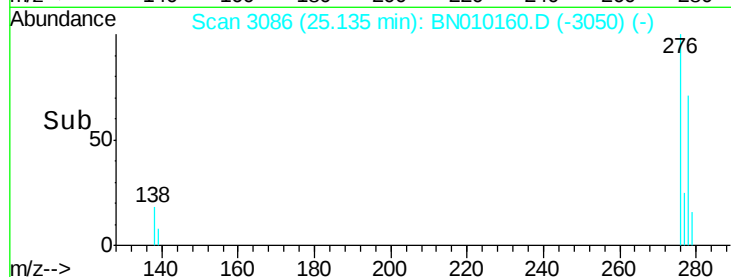
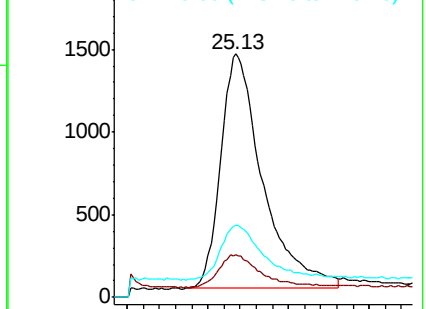
279 29.6 24.3 36.5



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(g,h,i)perylene

Concen: 0.382 ng

RT: 25.75 min Scan# 3267

Delta R.T. -0.08 min

Lab File: BN010160.D

Acq: 10 Mar 2020 14:20

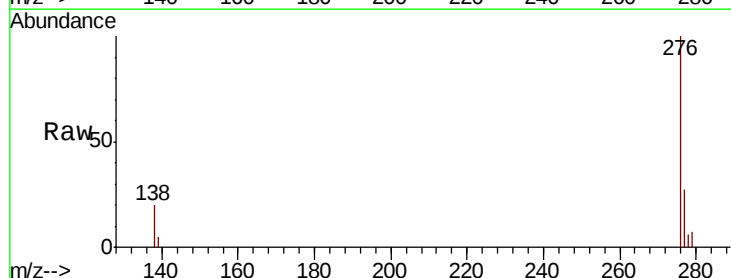
Tgt Ion:276 Resp: 5681

Ion Ratio Lower Upper

276 100

277 27.3 21.4 32.0

138 20.1 16.6 24.8



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

