

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
 Data File : BN010640.D
 Acq On : 29 Apr 2020 01:28
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 29 02:04:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4494	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	19302	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	12358	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	27775	0.40	ng	0.00
27) Chrysene-d12	21.16	240	23279	0.40	ng	0.00
34) Perylene-d12	23.32	264	21757	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	4157	0.42	ng	0.00
5) Phenol-d6	6.78	99	5590	0.43	ng	0.00
8) Nitrobenzene-d5	8.72	82	5492	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	14674	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2017	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	17728	0.39	ng	0.00
25) Fluoranthene-d10	18.99	212	36021	0.43	ng	0.00
29) Terphenyl-d14	19.60	244	24497	0.46	ng	0.00

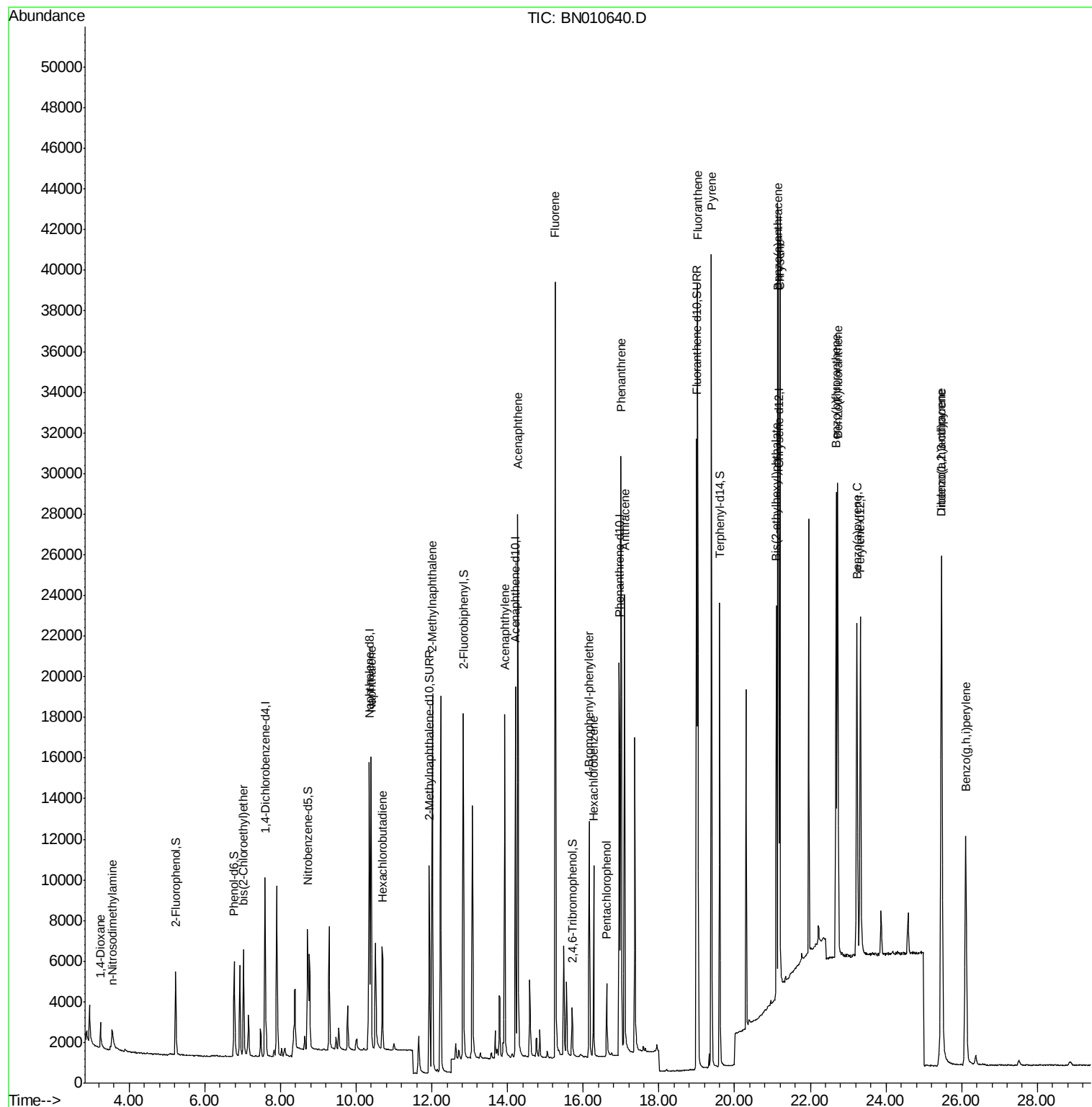
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1332	0.403	ng	99
3) n-Nitrosodimethylamine	3.55	42	926	0.432	ng	# 80
6) bis(2-Chloroethyl)ether	7.03	93	4601	0.413	ng	98
9) Naphthalene	10.39	128	19667	0.410	ng	100
10) Hexachlorobutadiene	10.68	225	4600	0.398	ng	# 100
12) 2-Methylnaphthalene	12.01	142	14244	0.414	ng	99
16) Acenaphthylene	13.92	152	20337	0.381	ng	100
17) Acenaphthene	14.27	154	14092	0.411	ng	99
18) Fluorene	15.26	166	18048	0.402	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	5950	0.386	ng	# 82
21) Hexachlorobenzene	16.27	284	7312	0.415	ng	99
22) Pentachlorophenol	16.62	266	2283	0.329	ng	98
23) Phenanthrene	17.00	178	30439	0.406	ng	100
24) Anthracene	17.09	178	26060	0.380	ng	100
26) Fluoranthene	19.02	202	35669	0.382	ng	99
28) Pyrene	19.39	202	35910	0.458	ng	100
30) Benzo(a)anthracene	21.14	228	30072	0.396	ng	99
31) Chrysene	21.20	228	30003	0.397	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	15335	0.394	ng	99
33) Indeno(1,2,3-cd)pyrene	25.46	276	31003	0.463	ng	98
35) Benzo(b)fluoranthene	22.68	252	28341	0.396	ng	100
36) Benzo(k)fluoranthene	22.72	252	28903	0.403	ng	98
37) Benzo(a)pyrene	23.23	252	25032	0.395	ng	99
38) Dibenzo(a,h)anthracene	25.47	278	25024	0.432	ng	99
39) Benzo(g,h,i)perylene	26.10	276	25198	0.432	ng	99

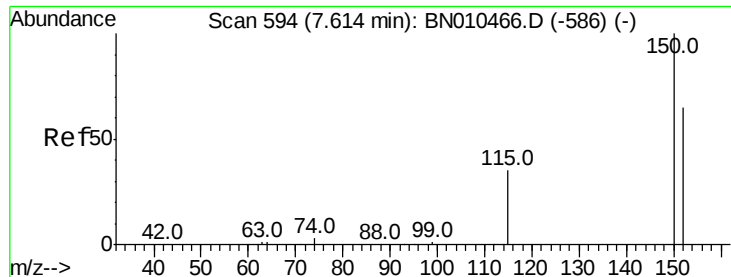
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010640.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 29 02:04:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
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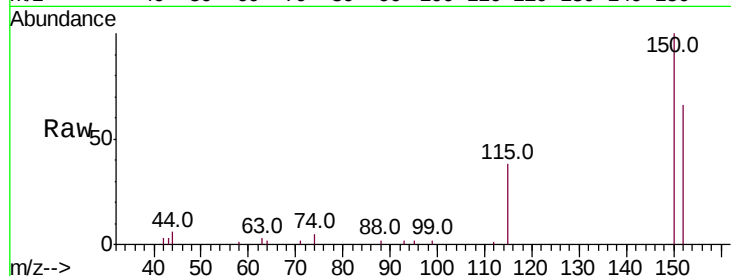


#1

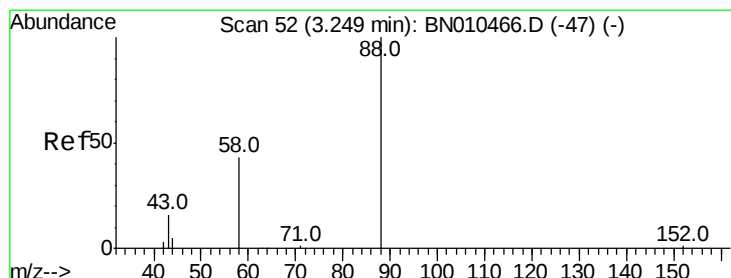
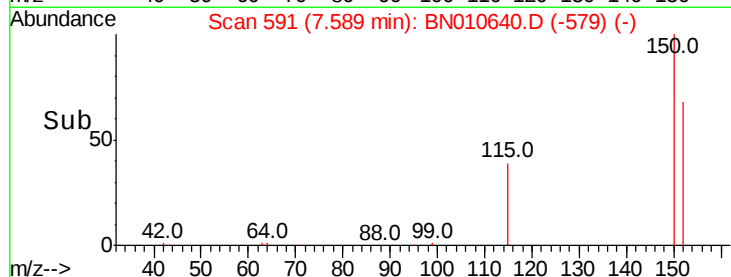
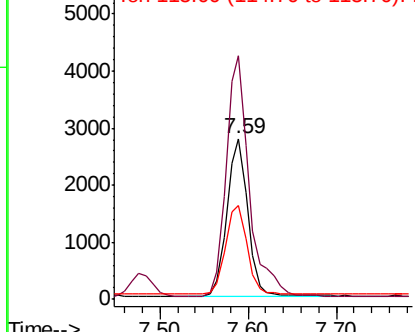
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4494
Ion Ratio Lower Upper
152 100
150 151.7 121.8 182.6
115 58.3 45.5 68.3



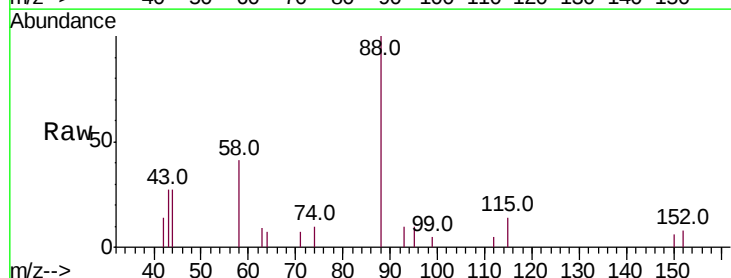
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



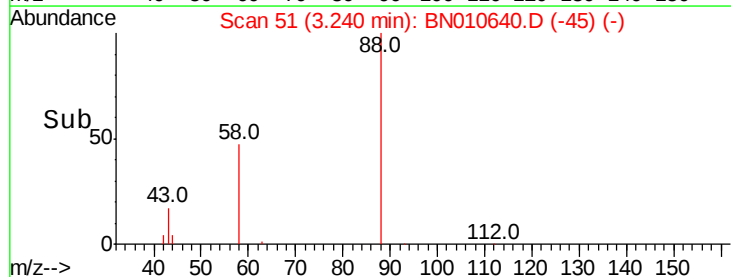
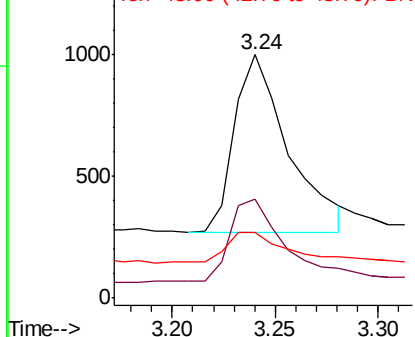
#2

1,4-Dioxane
Concen: 0.403 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion: 88 Resp: 1332
Ion Ratio Lower Upper
88 100
58 46.1 36.5 54.7
43 17.4 13.2 19.8



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: 0.432 ng

RT: 3.55 min Scan# 89

Delta R.T. 0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

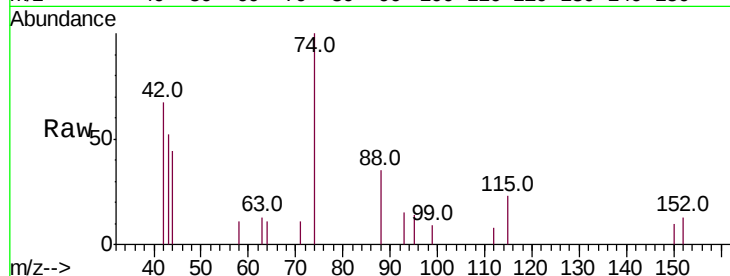
Tot Ion: 42 Resp: 926

Ion Ratio Lower Upper

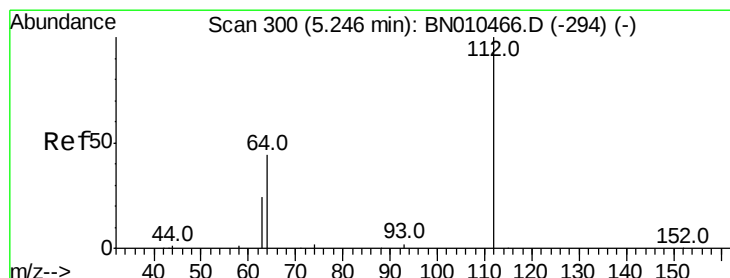
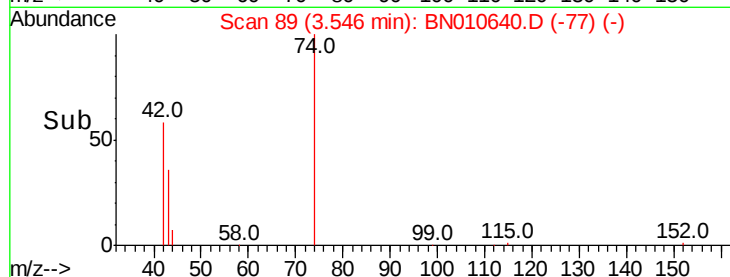
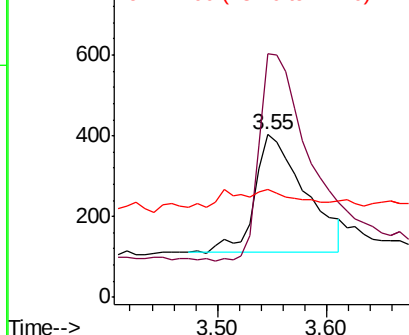
42 100

74 172.5 162.2 243.4

44 7.3 2.4 3.6#



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: 0.422 ng

RT: 5.23 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

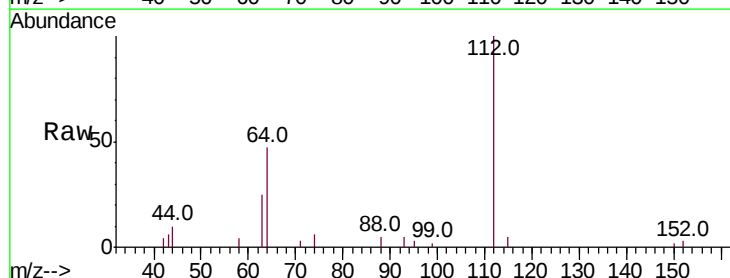
Tgt Ion: 112 Resp: 4157

Ion Ratio Lower Upper

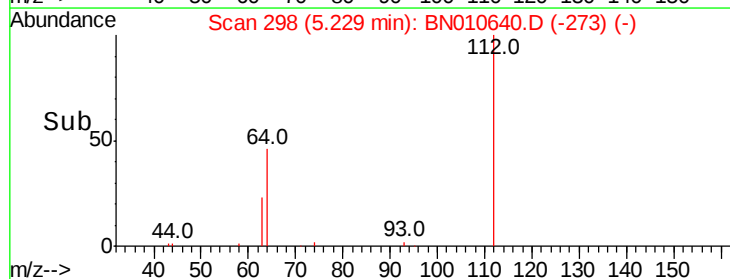
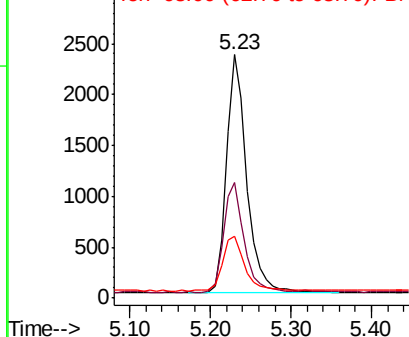
112 100

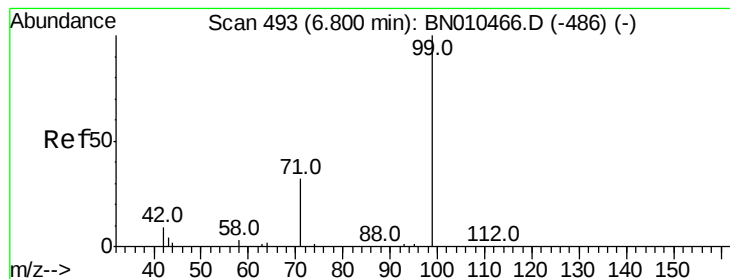
64 46.0 35.8 53.8

63 24.3 19.9 29.9



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: 0.435 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

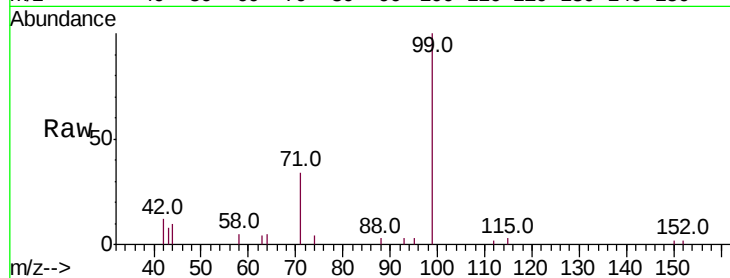
Tot Ion: 99 Resp: 5590

Ion Ratio Lower Upper

99 100

42 12.5 9.8 14.6

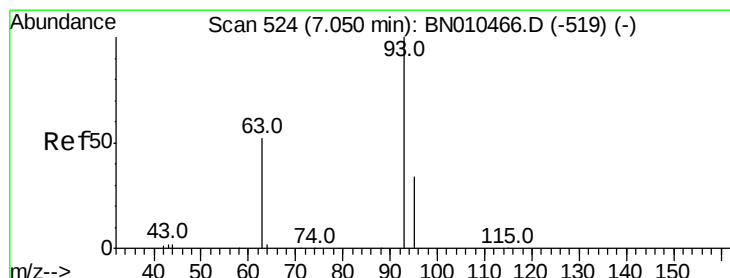
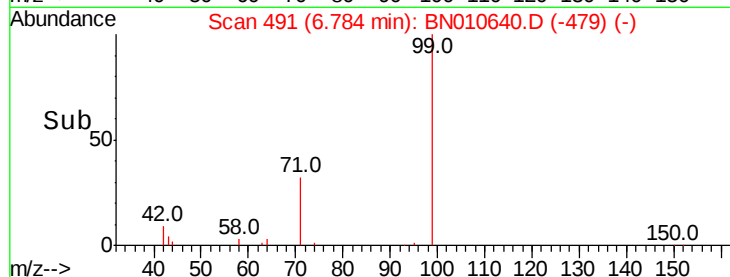
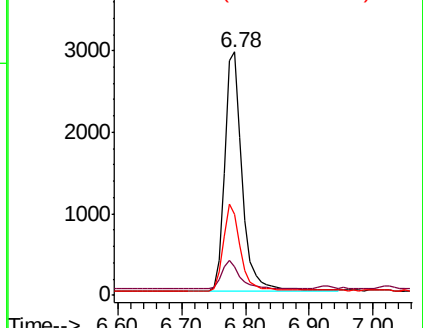
71 35.1 27.8 41.8



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

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

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



#6

bis(2-Chloroethyl)ether

Concen: 0.413 ng

RT: 7.03 min Scan# 521

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

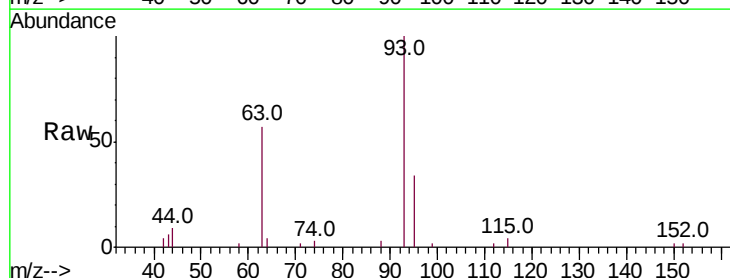
Tgt Ion: 93 Resp: 4601

Ion Ratio Lower Upper

93 100

63 58.2 44.6 66.8

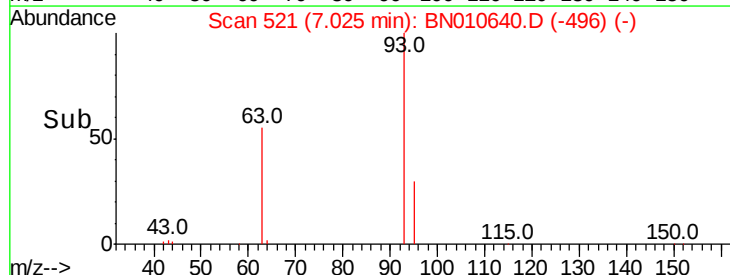
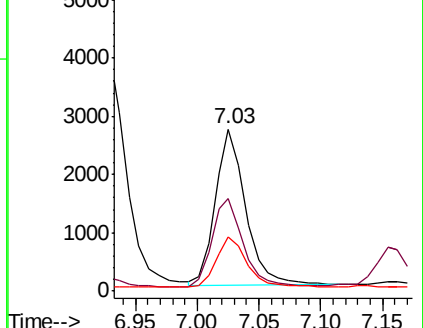
95 33.0 26.5 39.7



Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 19302

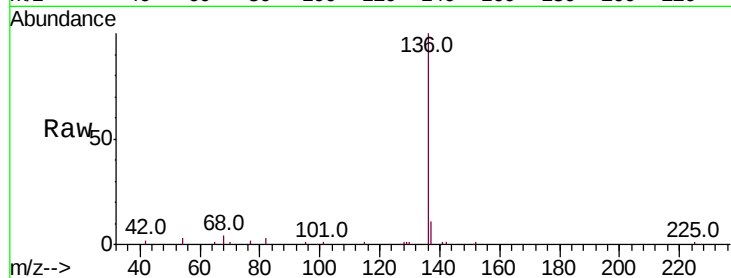
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 3.4 2.6 4.0

68 4.1 3.4 5.2

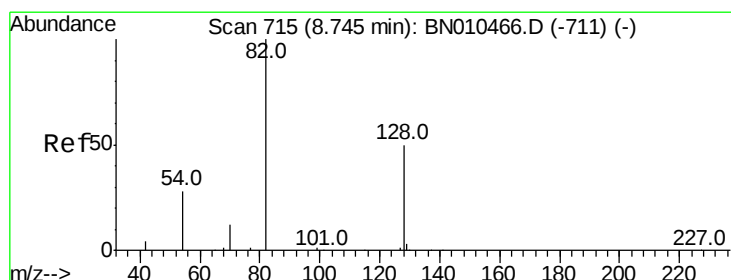
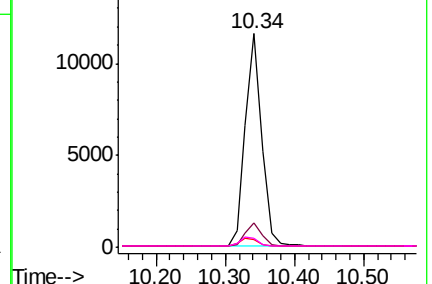
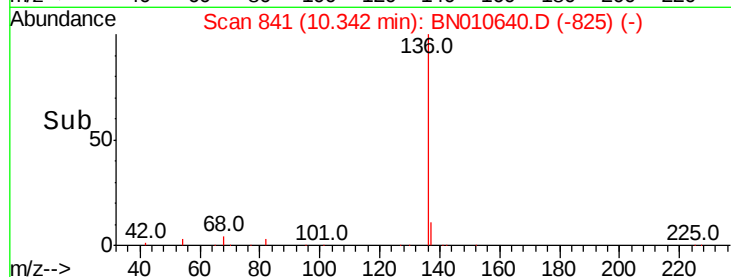


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.407 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

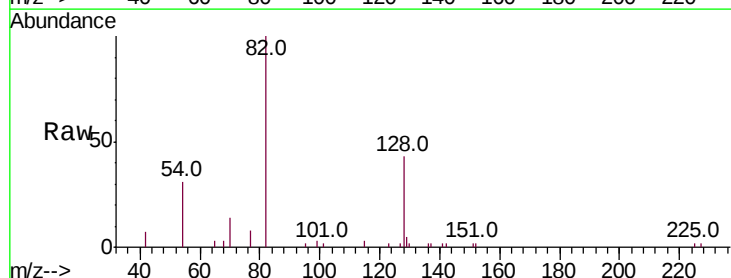
Tgt Ion: 82 Resp: 5492

Ion Ratio Lower Upper

82 100

128 43.4 41.3 61.9

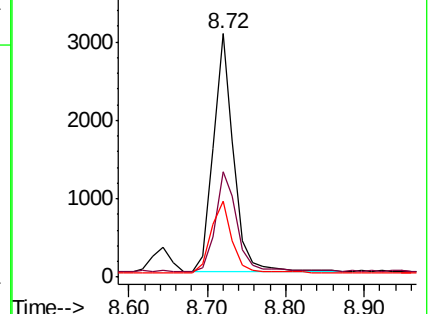
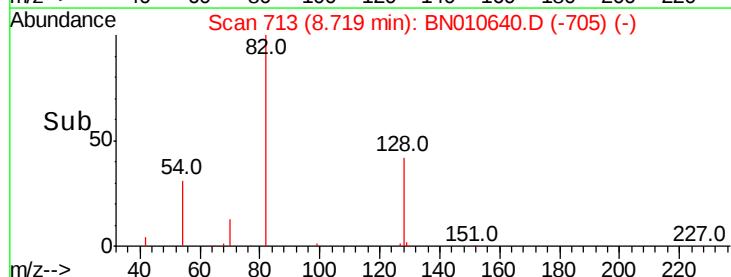
54 31.3 23.4 35.0



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: 0.410 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

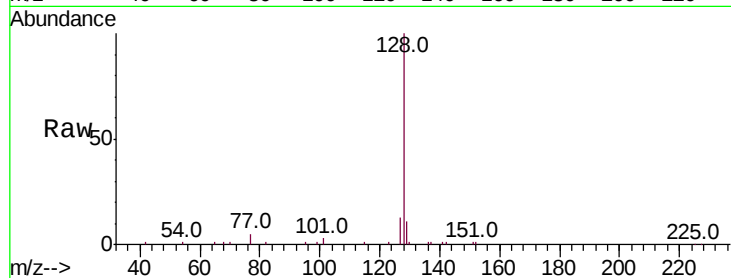
Tot Ion:128 Resp: 19667

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

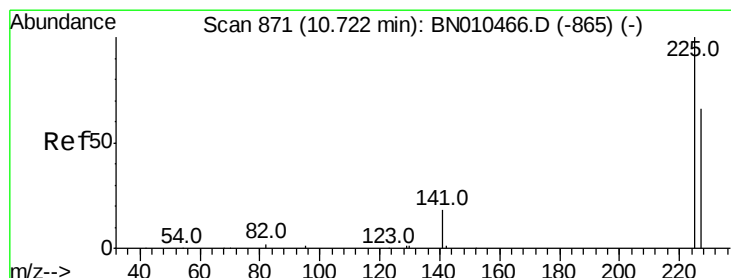
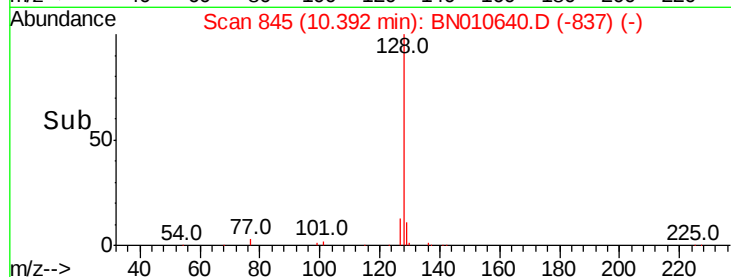
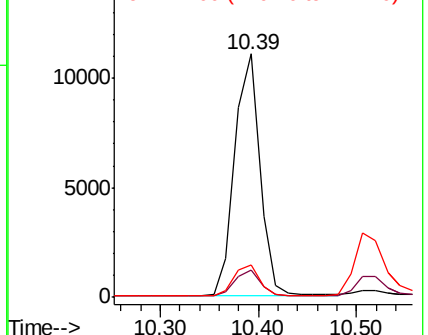
127 13.2 10.5 15.7



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: 0.398 ng

RT: 10.68 min Scan# 868

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

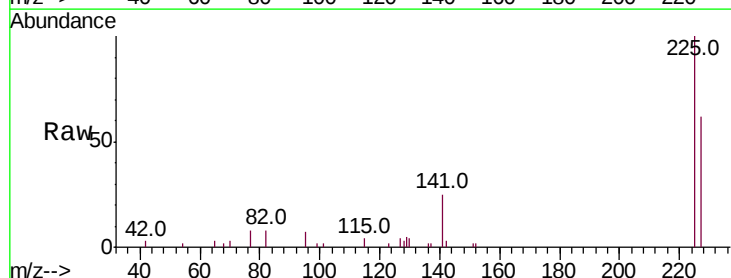
Tgt Ion:225 Resp: 4600

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

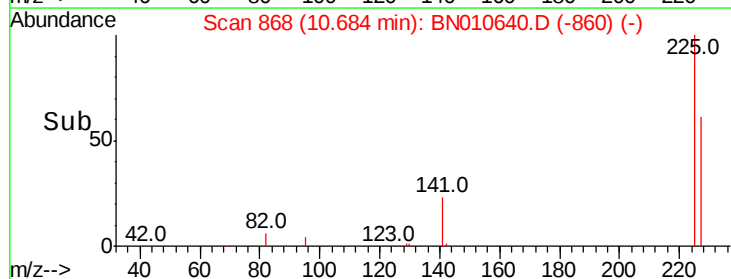
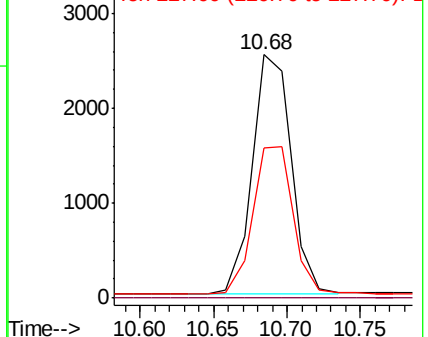
227 63.5 50.6 76.0

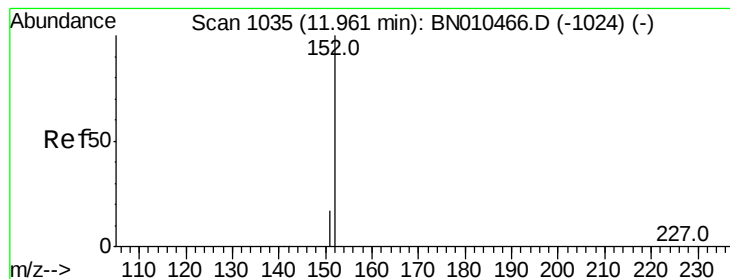


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.462 ng

RT: 11.93 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

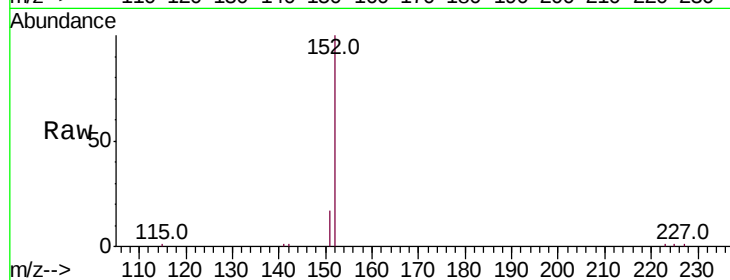
ClientSampleId :

Tot Ion:152 Resp: 14674

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.93

10000

8000

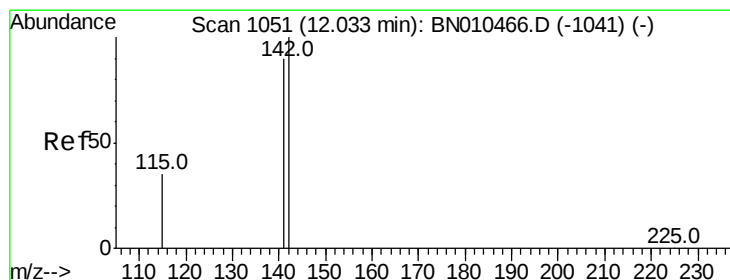
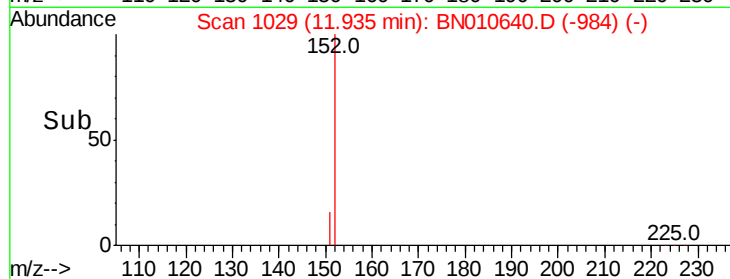
6000

4000

2000

0

Time--> 11.80 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.414 ng

RT: 12.01 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

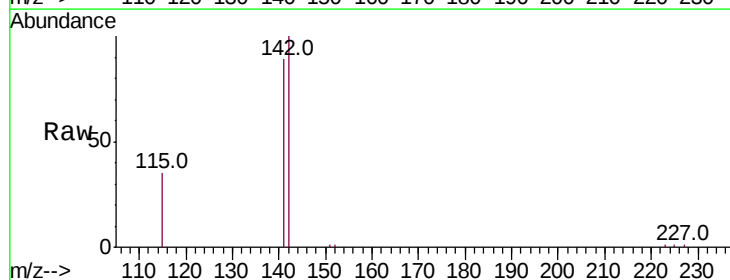
Tgt Ion:142 Resp: 14244

Ion Ratio Lower Upper

142 100

141 89.0 71.9 107.9

115 35.4 28.8 43.2



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

12.01

10000

8000

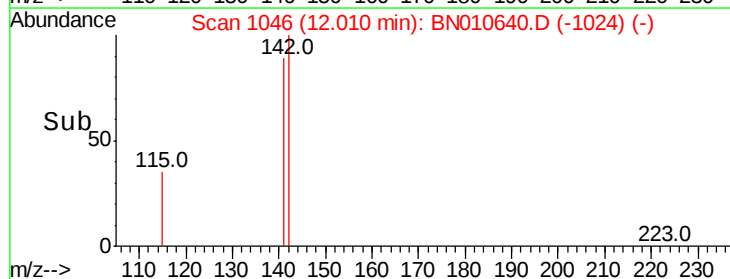
6000

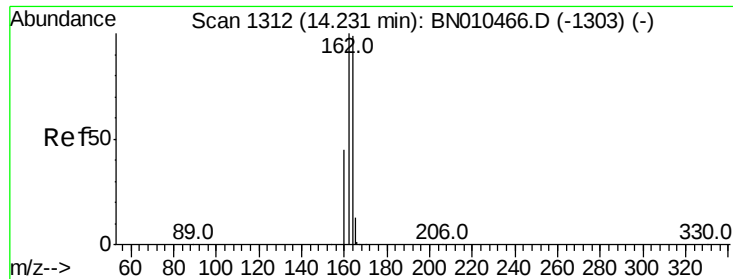
4000

2000

0

Time--> 11.90 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

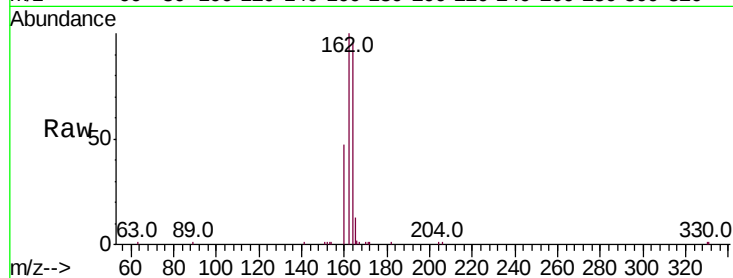
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 12358

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.6	121.0
160	49.1	36.5	54.7

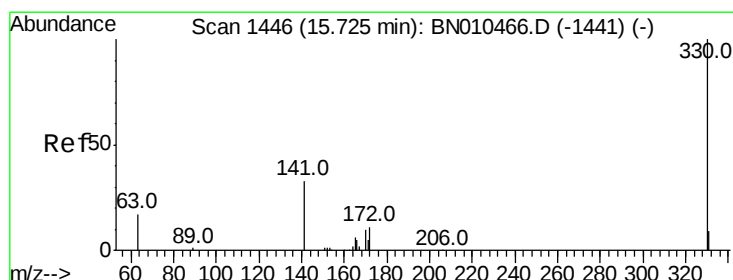
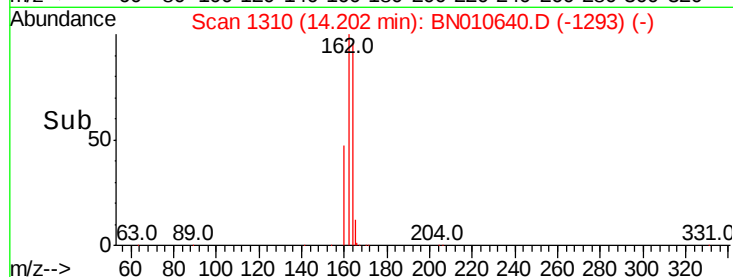
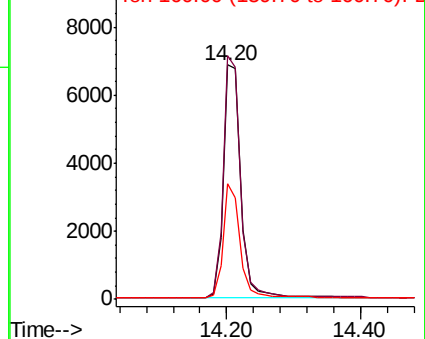


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.346 ng

RT: 15.71 min Scan# 1445

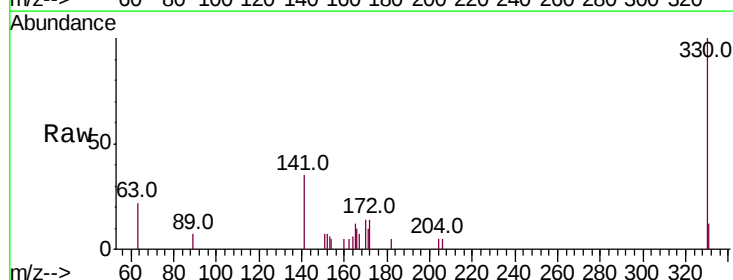
Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Tgt Ion:330 Resp: 2017

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.5	28.1	42.1

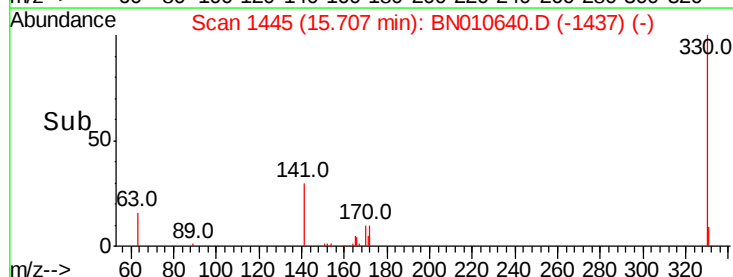
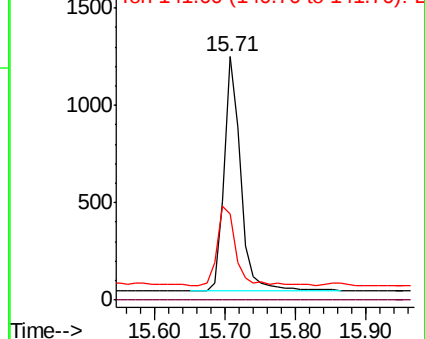


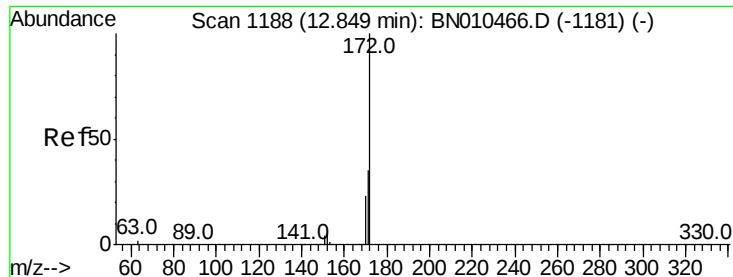
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

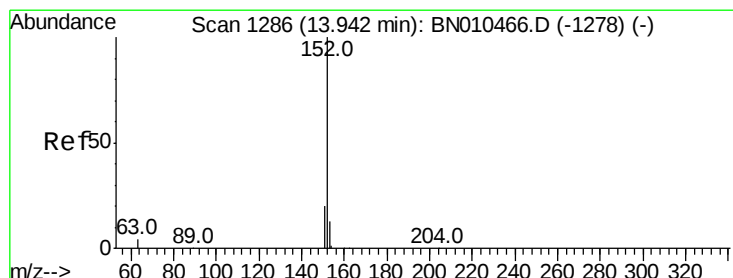
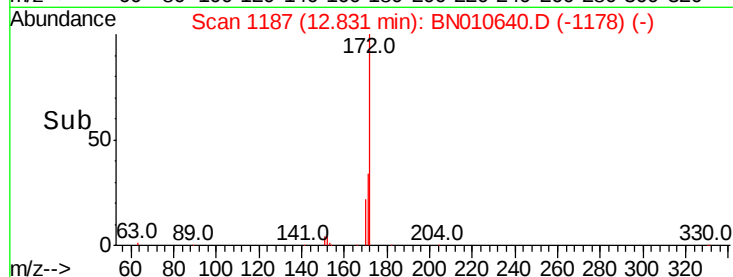
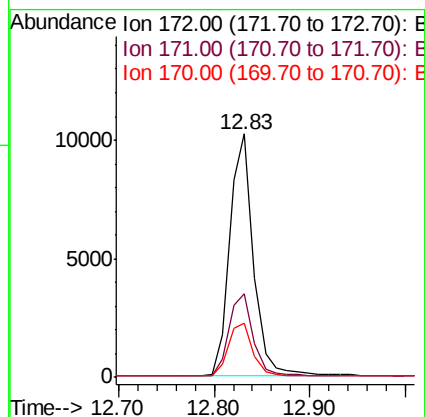
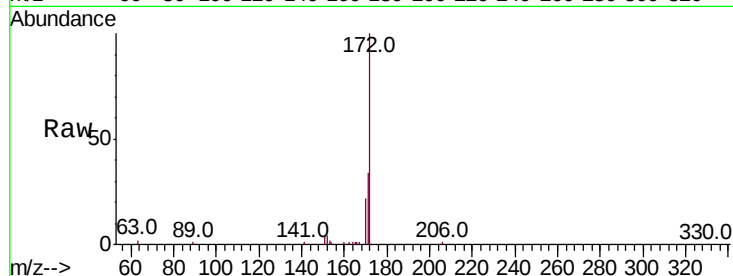




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

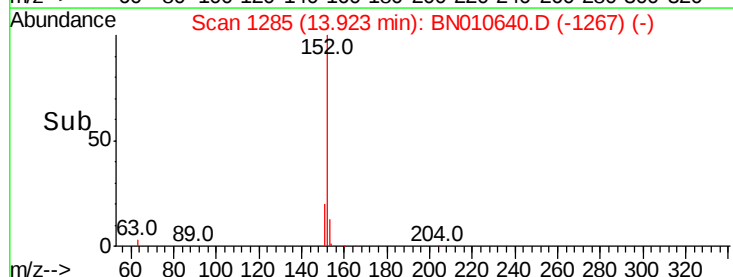
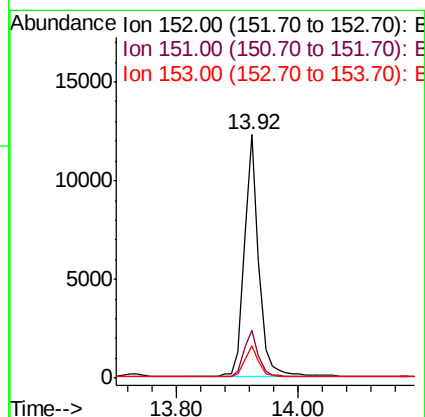
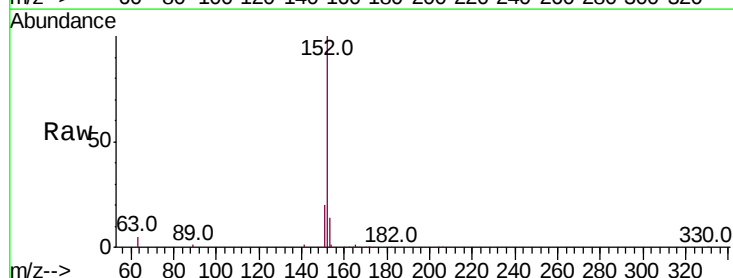
Instrument :
BNA_N
ClientSampleId :

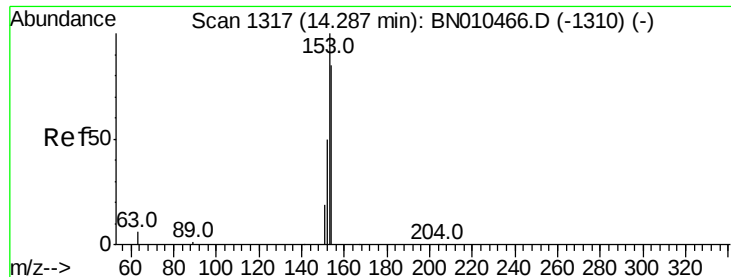
Tot Ion:172 Resp: 17728
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.2 18.4 27.6



#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:152 Resp: 20337
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.411 ng

RT: 14.27 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampled :

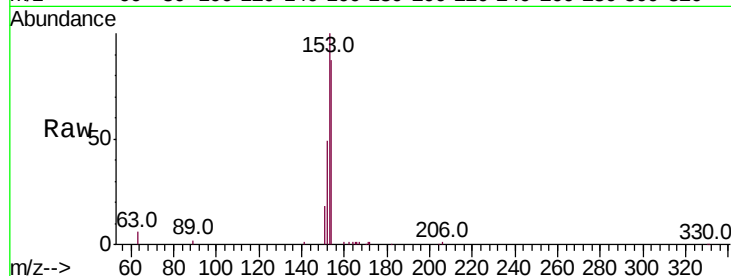
Tot Ion:154 Resp: 14092

Ion Ratio Lower Upper

154 100

153 112.9 91.0 136.4

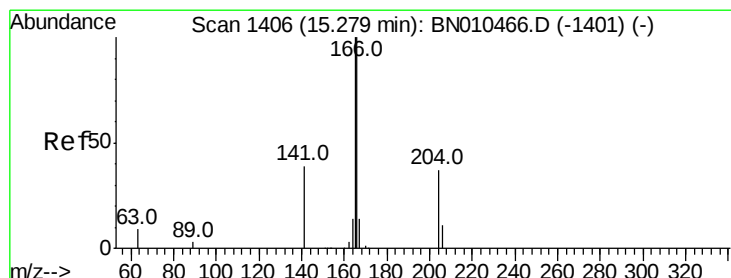
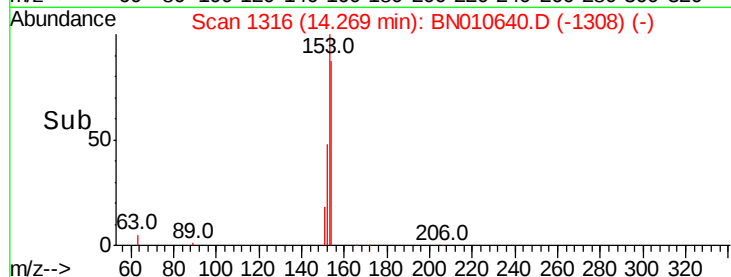
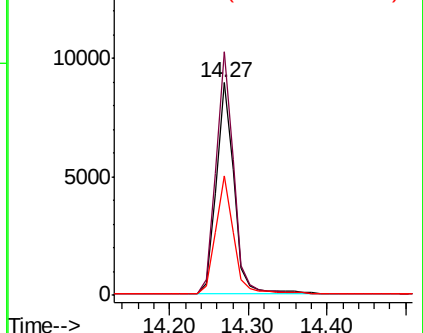
152 54.7 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.402 ng

RT: 15.26 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

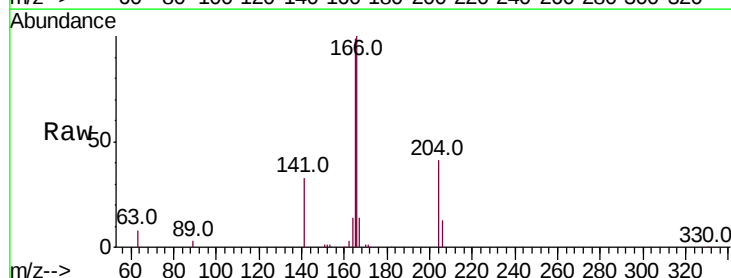
Tgt Ion:166 Resp: 18048

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

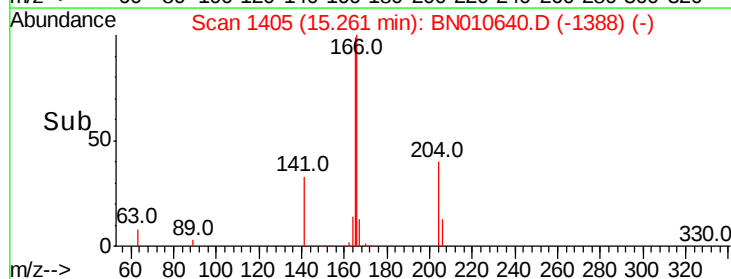
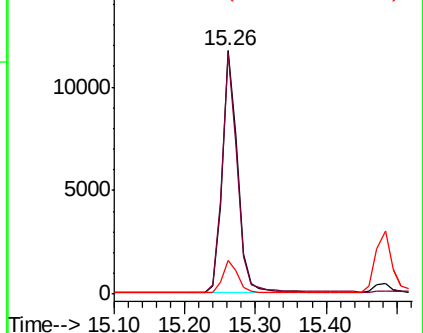
167 13.5 10.9 16.3

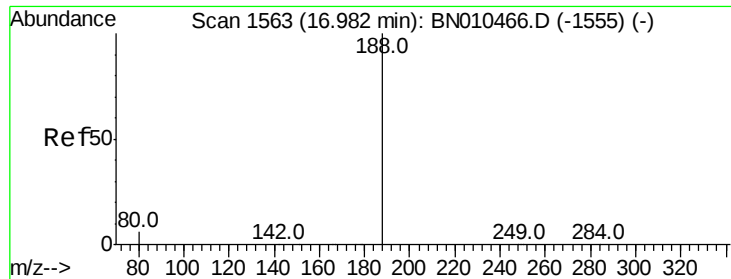


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

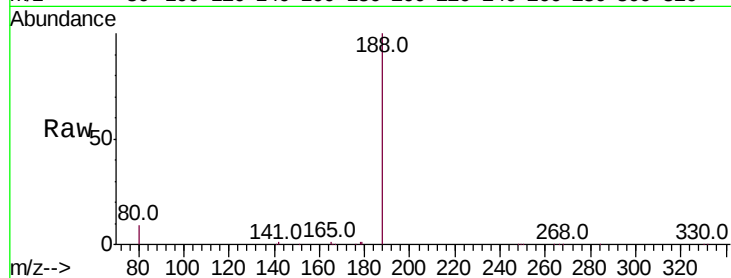
Tot Ion:188 Resp: 27775

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

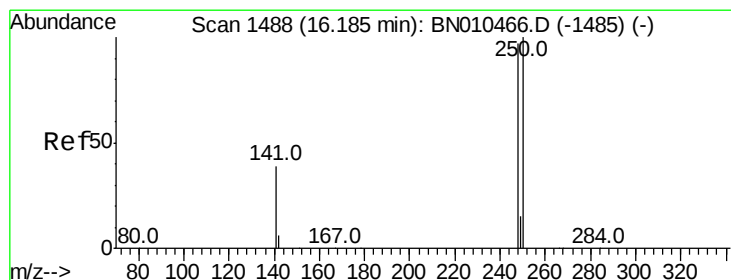
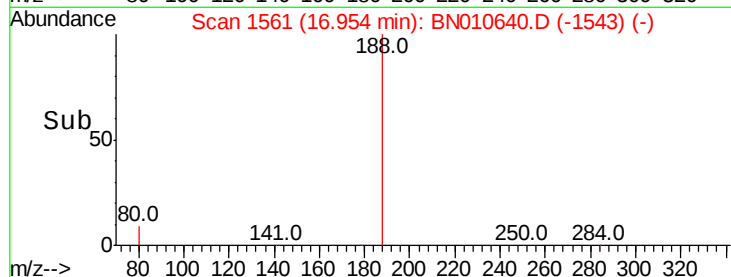
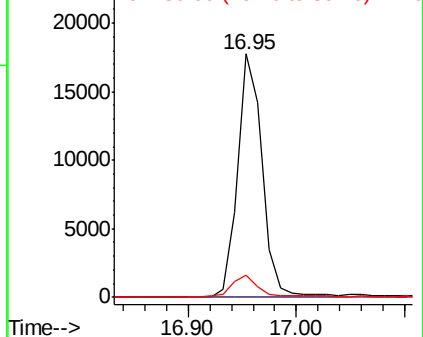
80 9.1 5.0 7.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.386 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

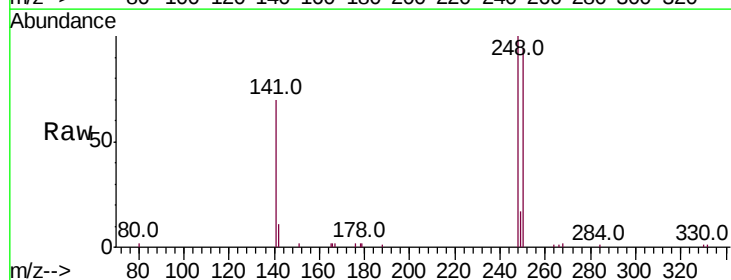
Tgt Ion:248 Resp: 5950

Ion Ratio Lower Upper

248 100

250 93.9 82.3 123.5

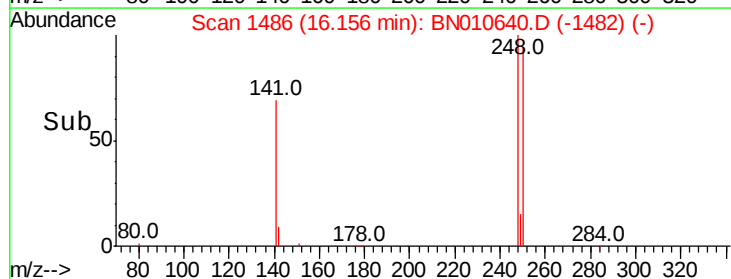
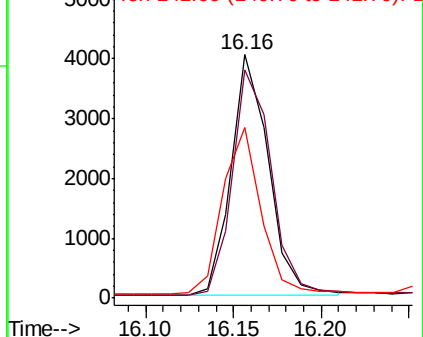
141 70.1 35.2 52.8#

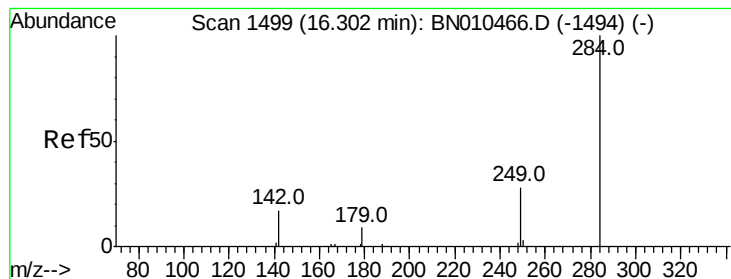


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.27 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

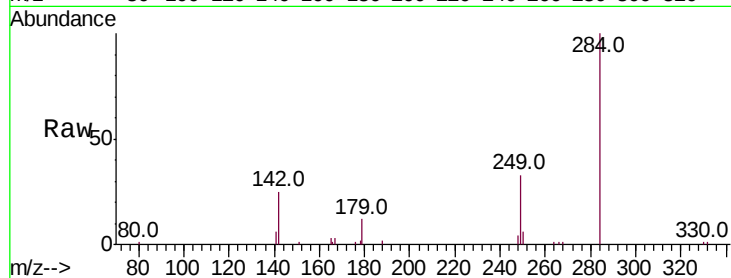
Tot Ion:284 Resp: 7312

Ion Ratio Lower Upper

284 100

142 32.7 25.5 38.3

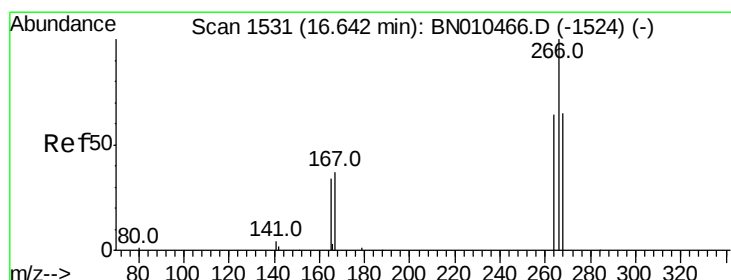
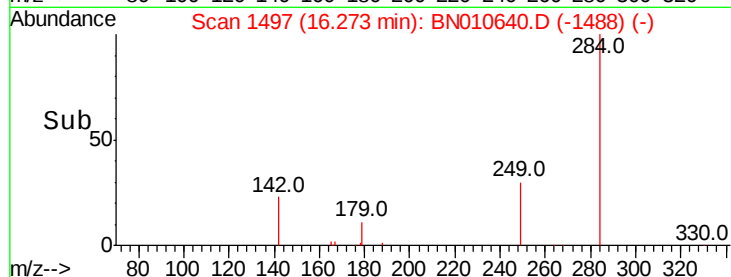
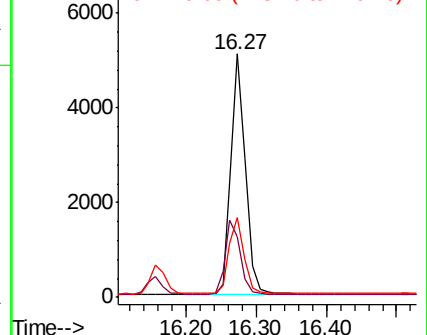
249 32.7 25.8 38.6



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: 0.329 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

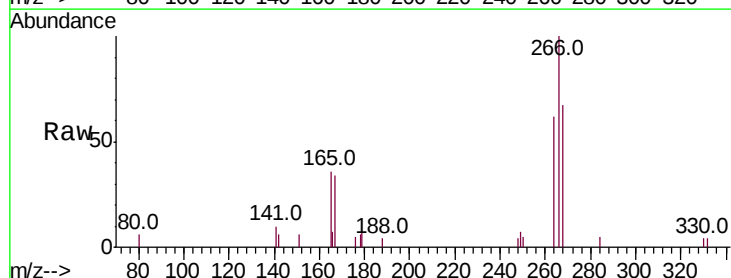
Tgt Ion:266 Resp: 2283

Ion Ratio Lower Upper

266 100

264 62.2 51.8 77.6

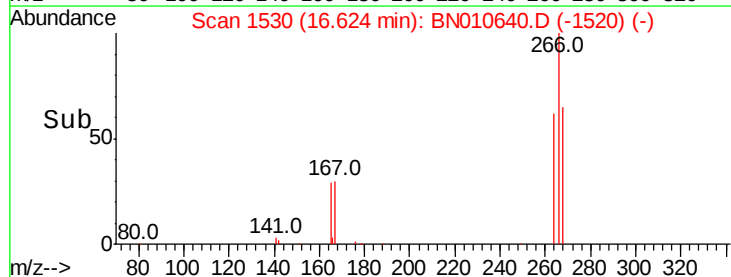
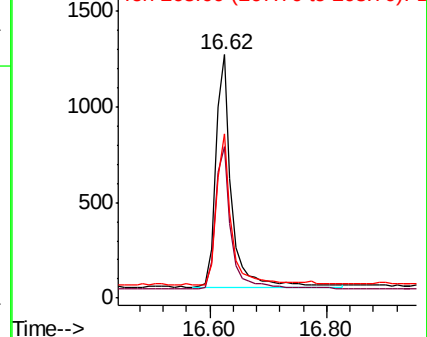
268 67.4 53.7 80.5



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: 0.406 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

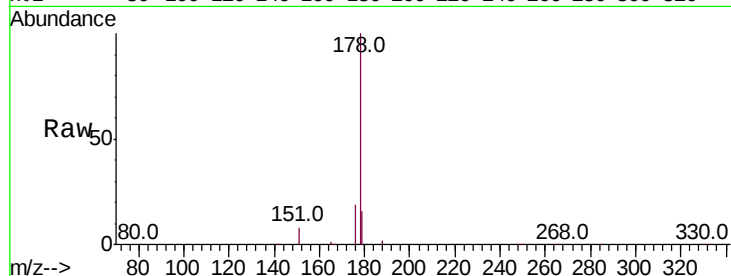
Tot Ion:178 Resp: 30439

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

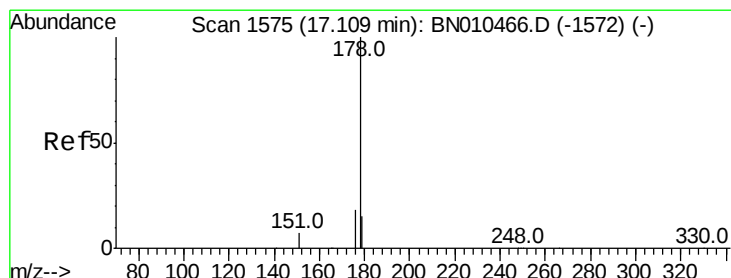
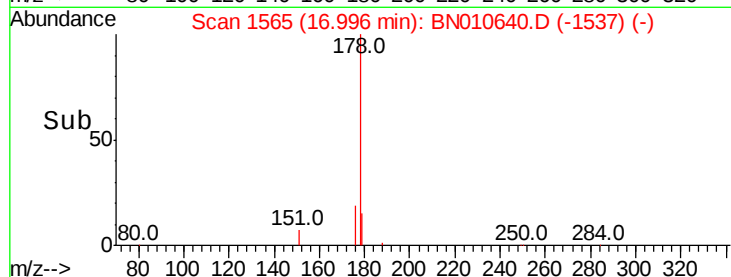
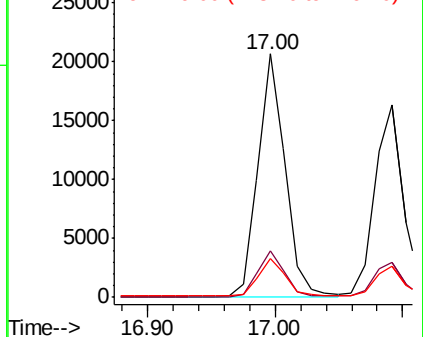
179 15.6 12.6 18.8



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: 0.380 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

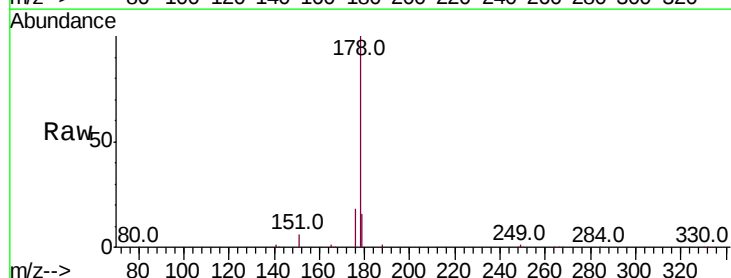
Tgt Ion:178 Resp: 26060

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

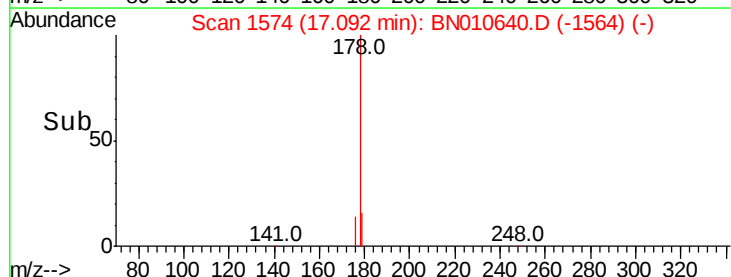
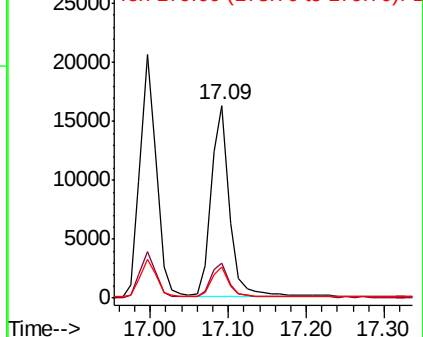
179 15.2 12.2 18.2

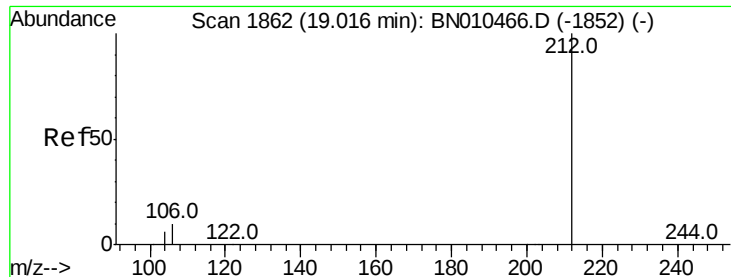


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.428 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

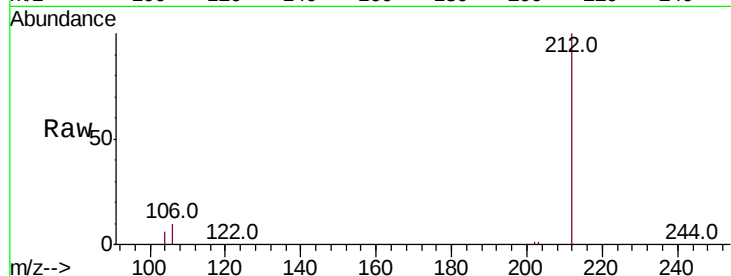
Tot Ion:212 Resp: 36021

Ion Ratio Lower Upper

212 100

106 10.1 7.8 11.6

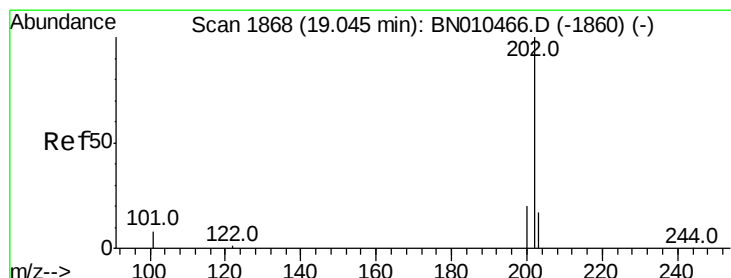
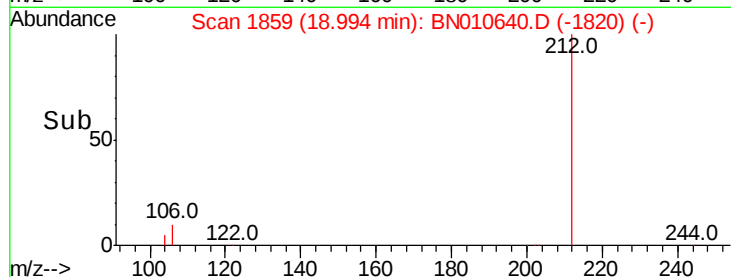
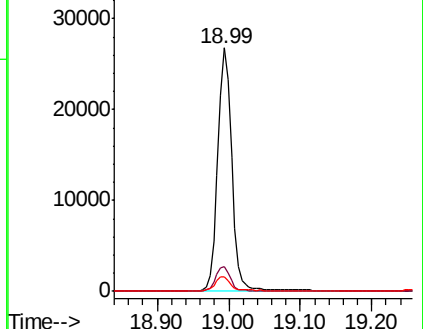
104 5.8 4.5 6.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.382 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

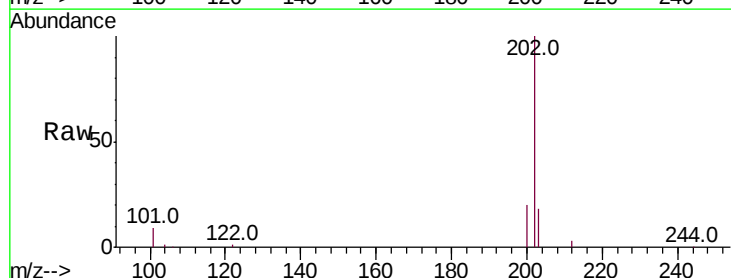
Tgt Ion:202 Resp: 35669

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

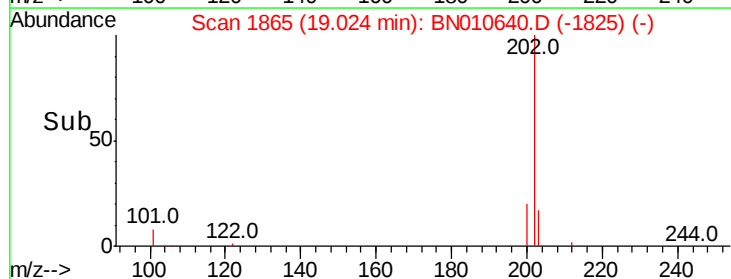
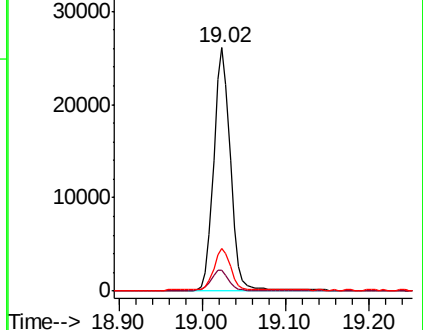
203 17.2 13.9 20.9



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: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

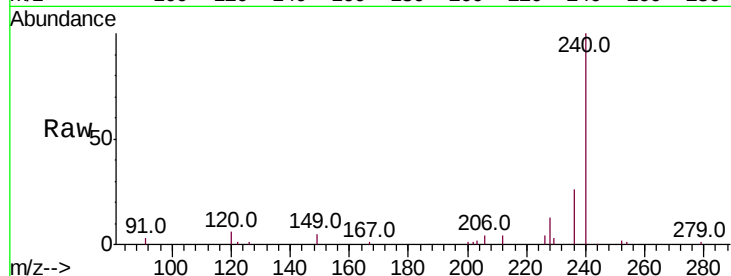
Tot Ion:240 Resp: 23279

Ion Ratio Lower Upper

240 100

120 5.6 4.8 7.2

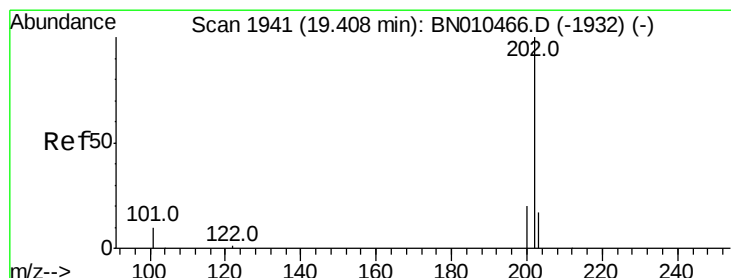
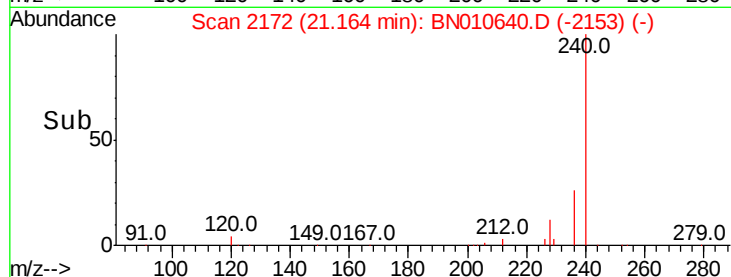
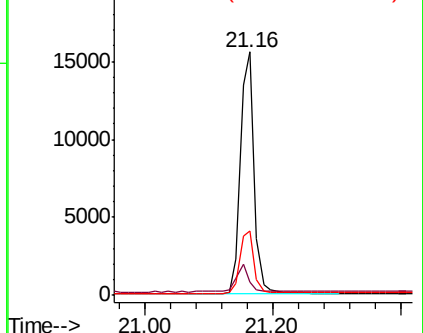
236 26.2 21.4 32.0



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

Pyrene

Concen: 0.458 ng

RT: 19.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

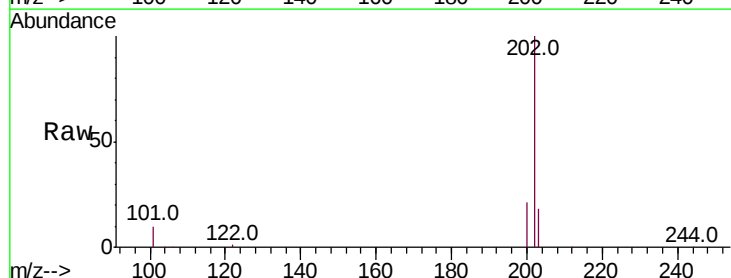
Tgt Ion:202 Resp: 35910

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

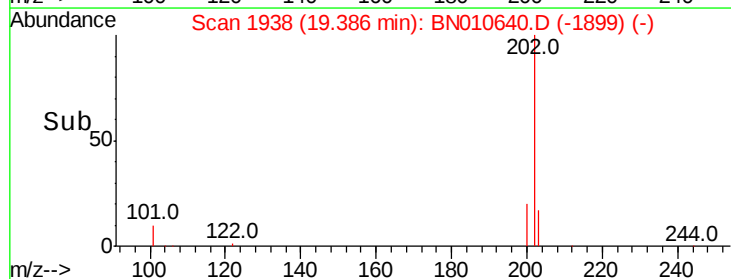
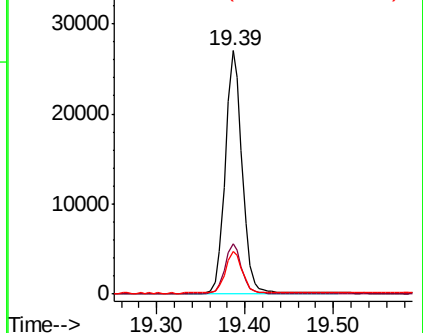
203 17.6 14.0 21.0

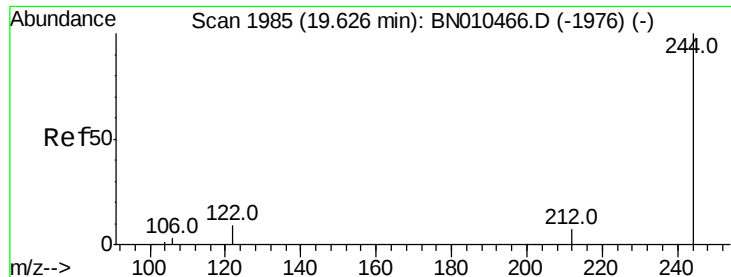


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.460 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

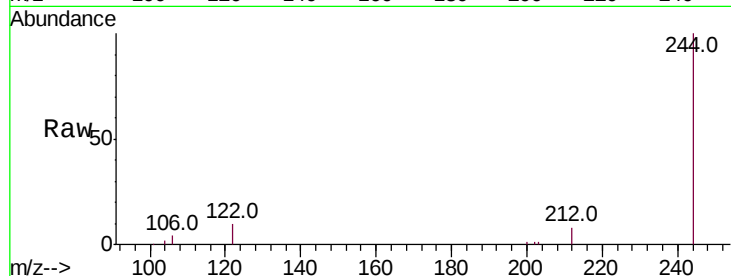
Tot Ion:244 Resp: 24497

Ion Ratio Lower Upper

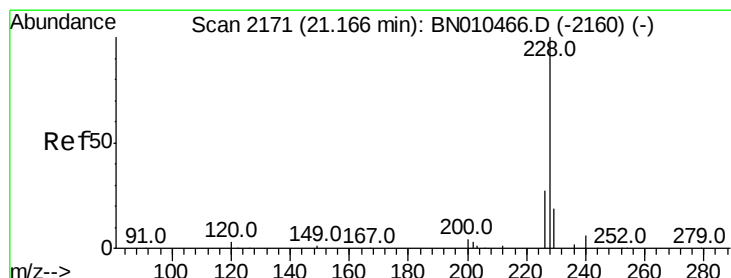
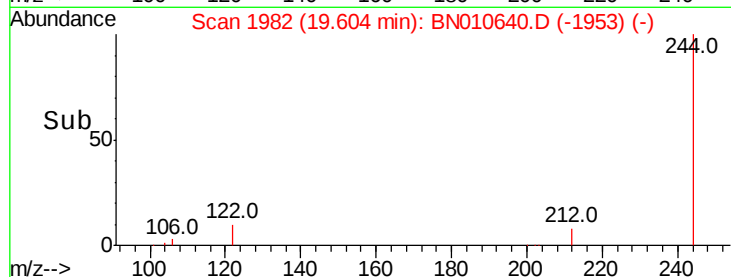
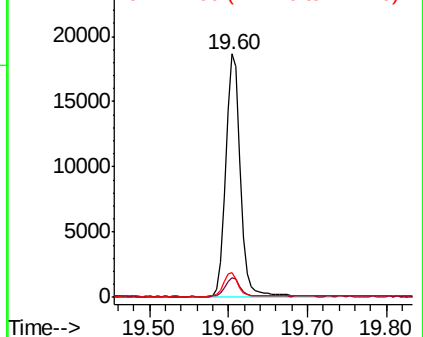
244 100

212 8.2 6.2 9.4

122 10.4 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.396 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

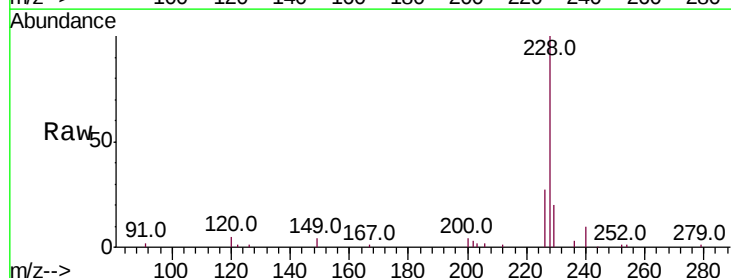
Tgt Ion:228 Resp: 30072

Ion Ratio Lower Upper

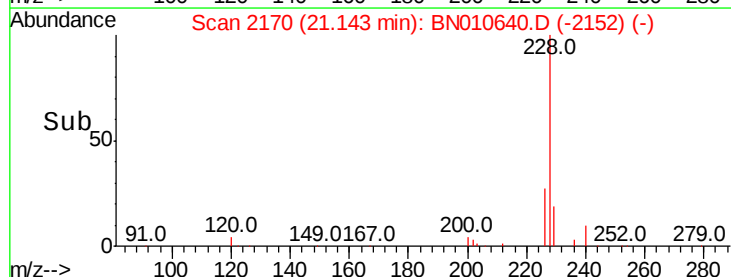
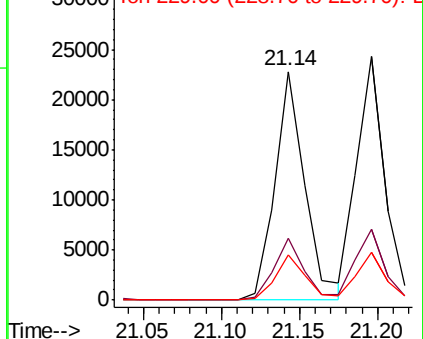
228 100

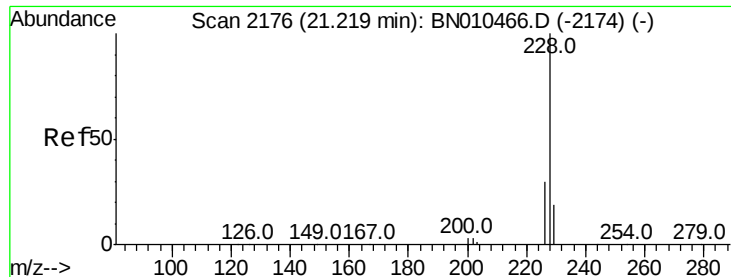
226 26.9 21.7 32.5

229 19.8 15.6 23.4



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: 0.397 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

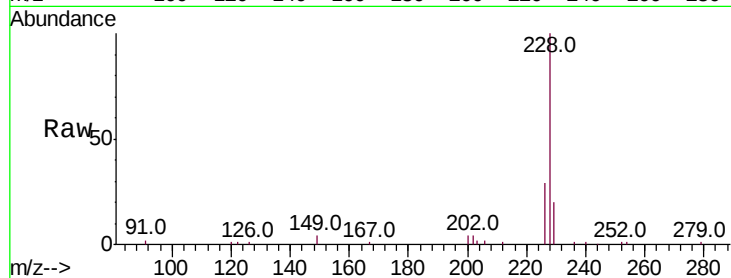
Tot Ion:228 Resp: 30003

Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

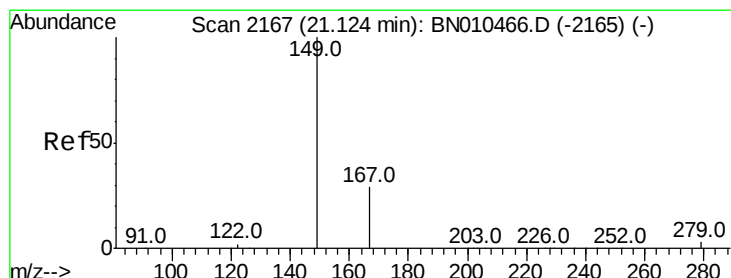
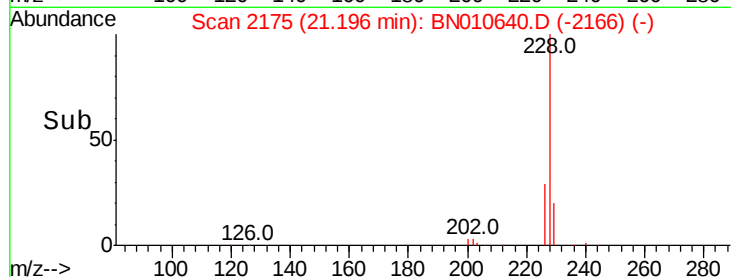
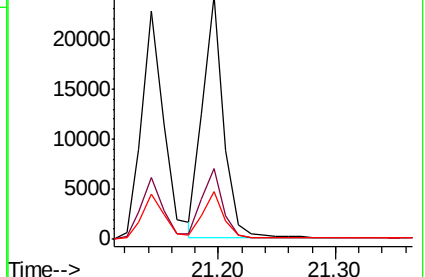
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.394 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

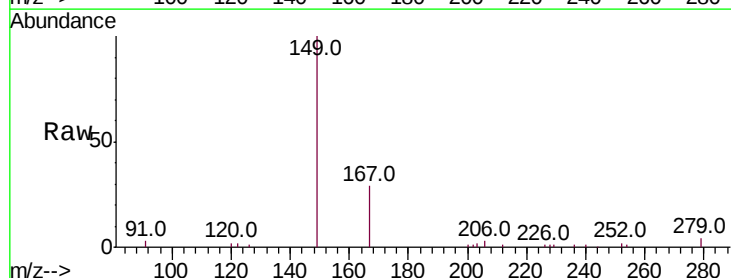
Tgt Ion:149 Resp: 15335

Ion Ratio Lower Upper

149 100

167 28.8 23.4 35.0

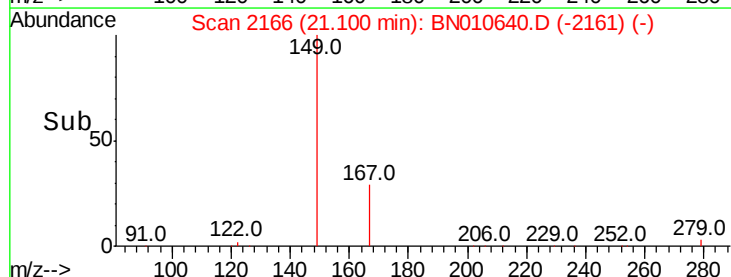
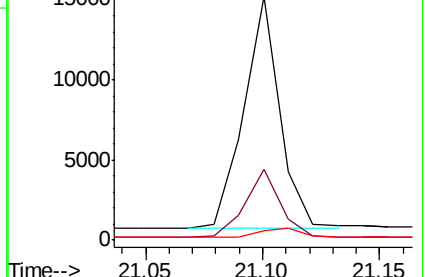
279 4.7 4.0 6.0

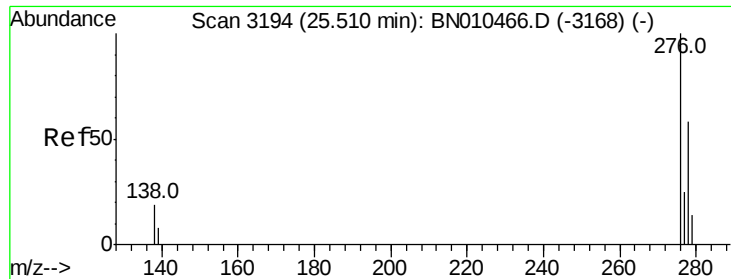


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.463 ng

RT: 25.46 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

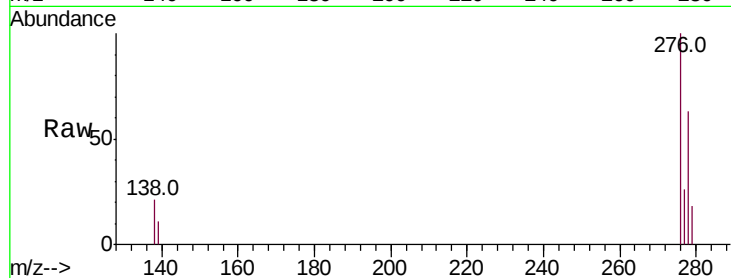
Tot Ion:276 Resp: 31003

Ion Ratio Lower Upper

276 100

138 21.9 16.4 24.6

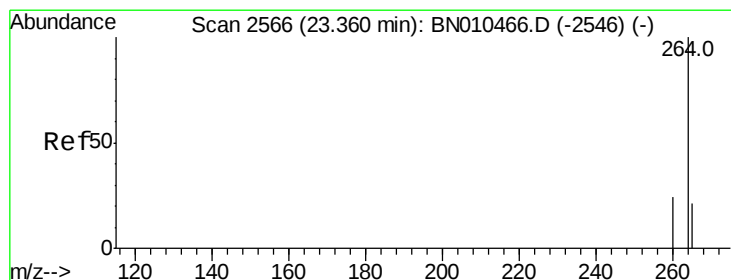
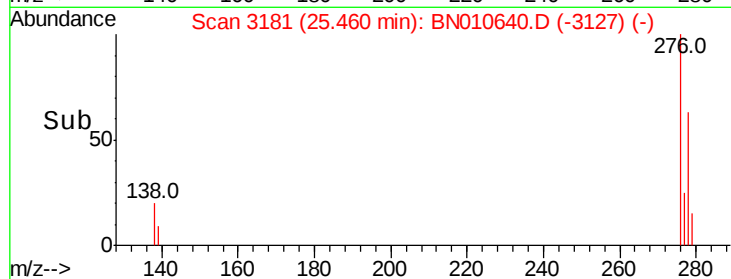
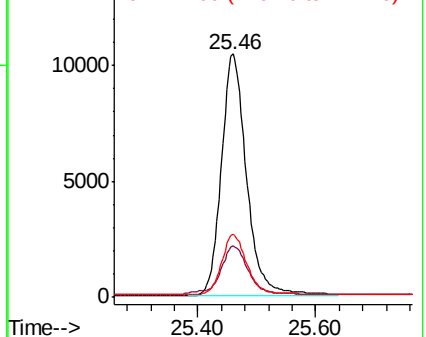
277 24.9 19.8 29.6



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: 23.32 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

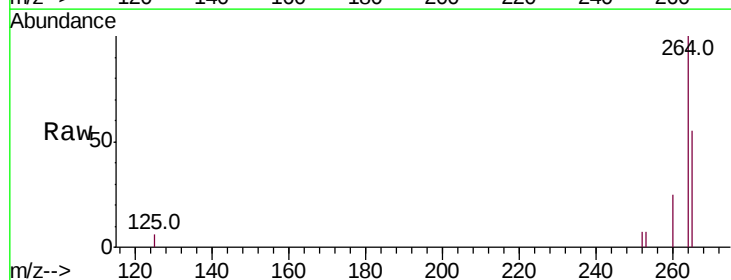
Tgt Ion:264 Resp: 21757

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

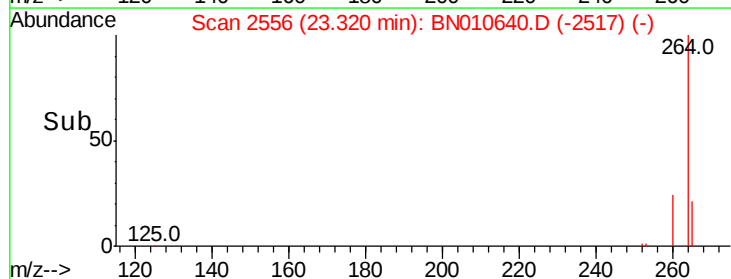
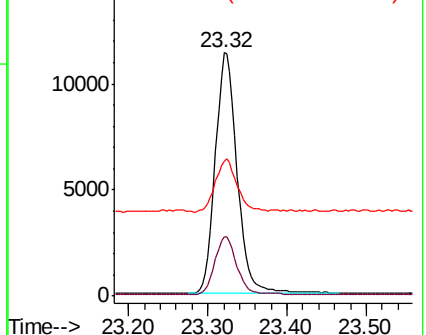
265 55.4 42.3 63.5



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

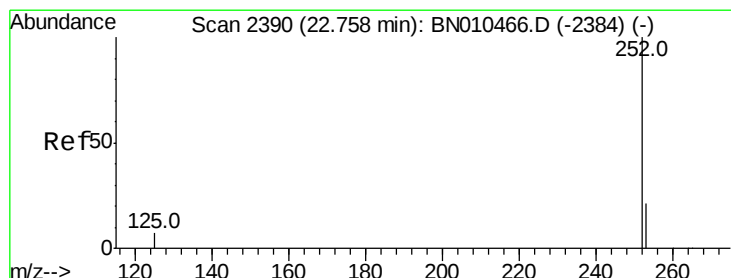
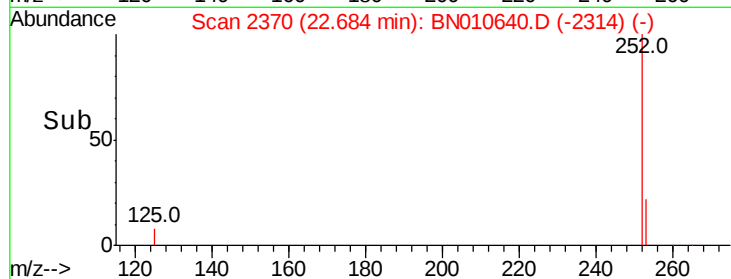
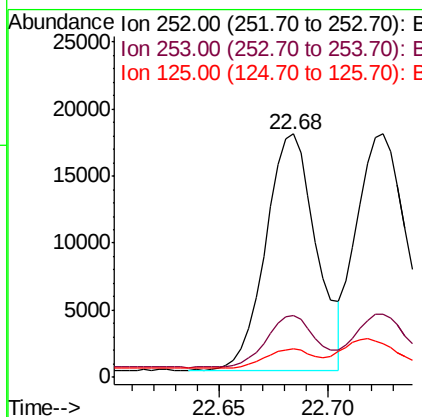
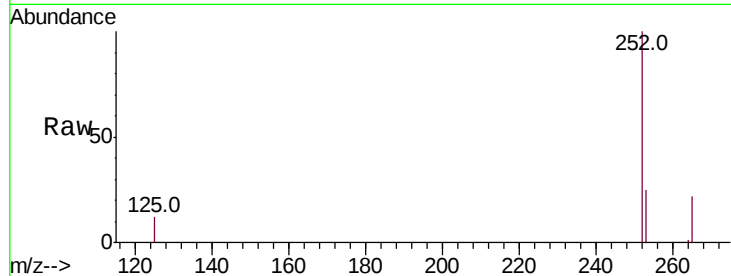




#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.68 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

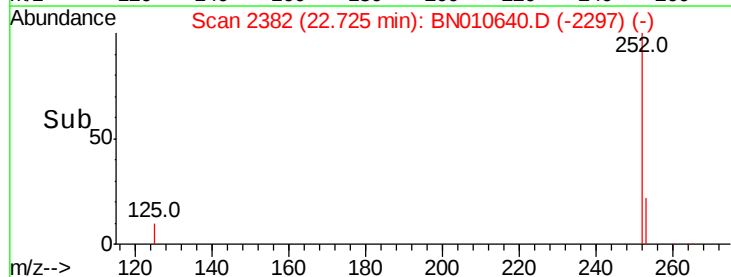
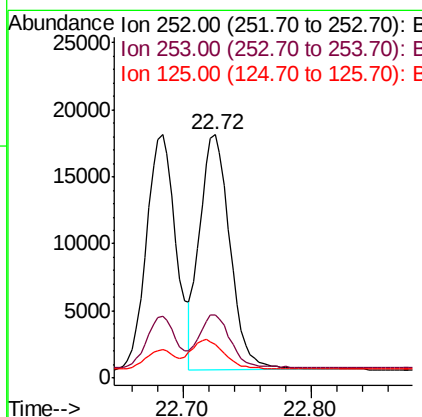
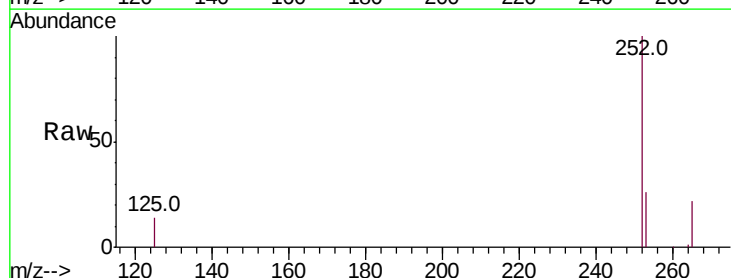
Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 28341
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 11.7 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 22.72 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:252 Resp: 28903
Ion Ratio Lower Upper
252 100
253 25.9 20.1 30.1
125 13.6 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.23 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

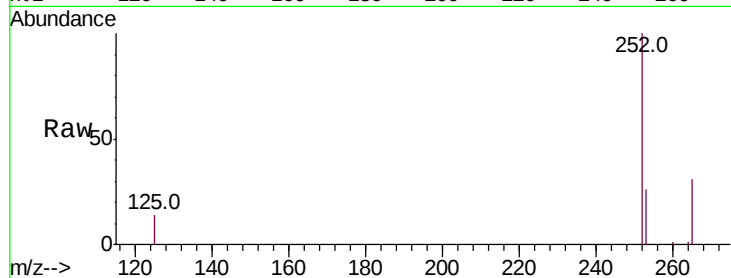
Tot Ion:252 Resp: 25032

Ion Ratio Lower Upper

252 100

253 26.5 21.8 32.8

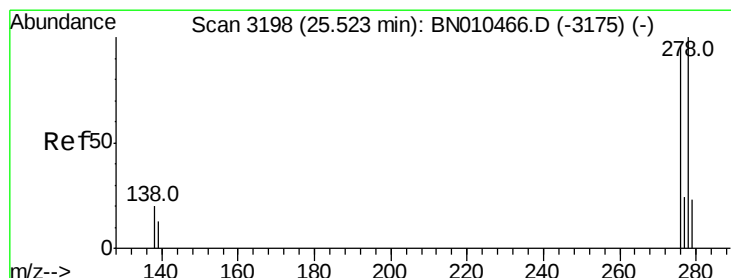
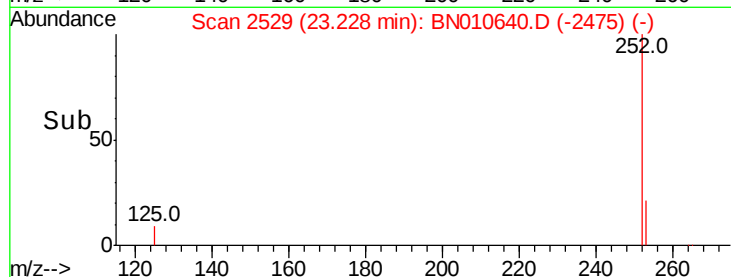
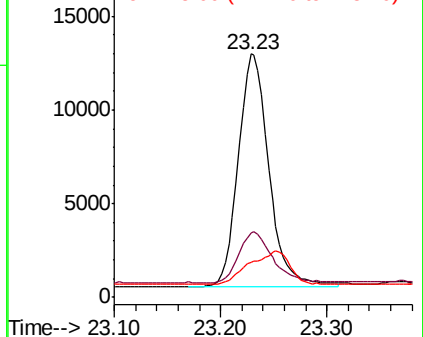
125 14.3 11.0 16.6



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: 0.432 ng

RT: 25.47 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

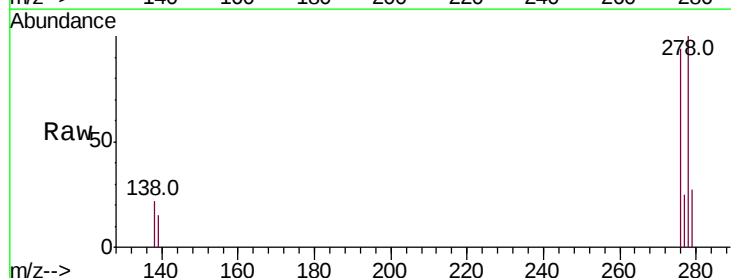
Tgt Ion:278 Resp: 25024

Ion Ratio Lower Upper

278 100

139 15.4 12.3 18.5

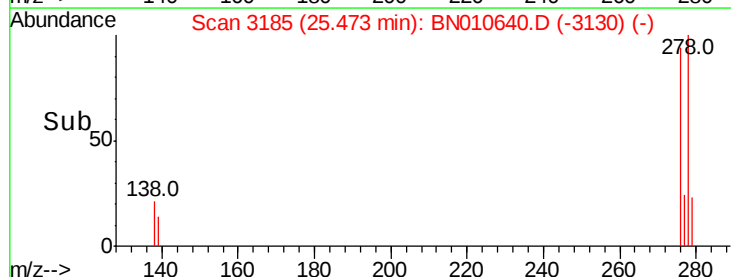
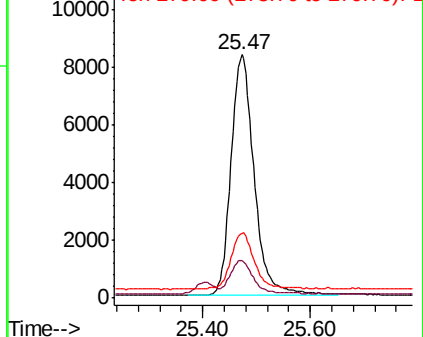
279 26.6 21.9 32.9

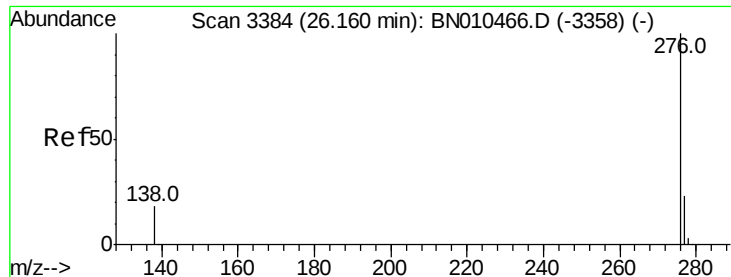


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.432 ng

RT: 26.10 min Scan# 3369

Delta R.T. -0.02 min

Lab File: BN010640.D

Acq: 29 Apr 2020 01:28

Instrument :

BNA_N

ClientSampleId :

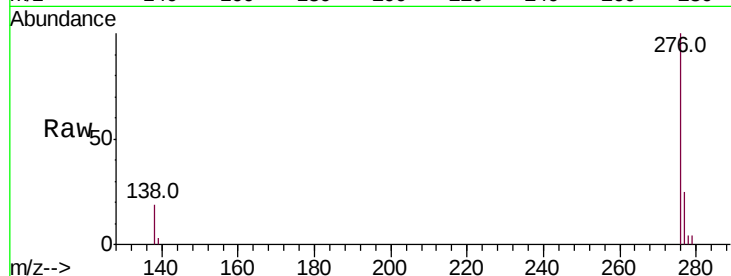
Tot Ion: 276 Resp: 25198

Ion Ratio Lower Upper

276 100

277 24.8 20.2 30.2

138 19.5 15.4 23.2



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

