

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004853.D
 Acq On : 21 Mar 2019 17:01
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 22 02:01:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1899	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	8640	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	5560	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	14093	0.40	ng	0.00
27) Chrysene-d12	21.29	240	18964	0.40	ng	0.00
34) Perylene-d12	23.54	264	20894	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	1985	0.38	ng	0.00
5) Phenol-d6	6.88	99	2541	0.40	ng	0.00
8) Nitrobenzene-d5	8.87	82	2141	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	6018	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1325	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	9363	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	18091	0.38	ng	0.00
29) Terphenyl-d14	19.73	244	15309	0.39	ng	0.00

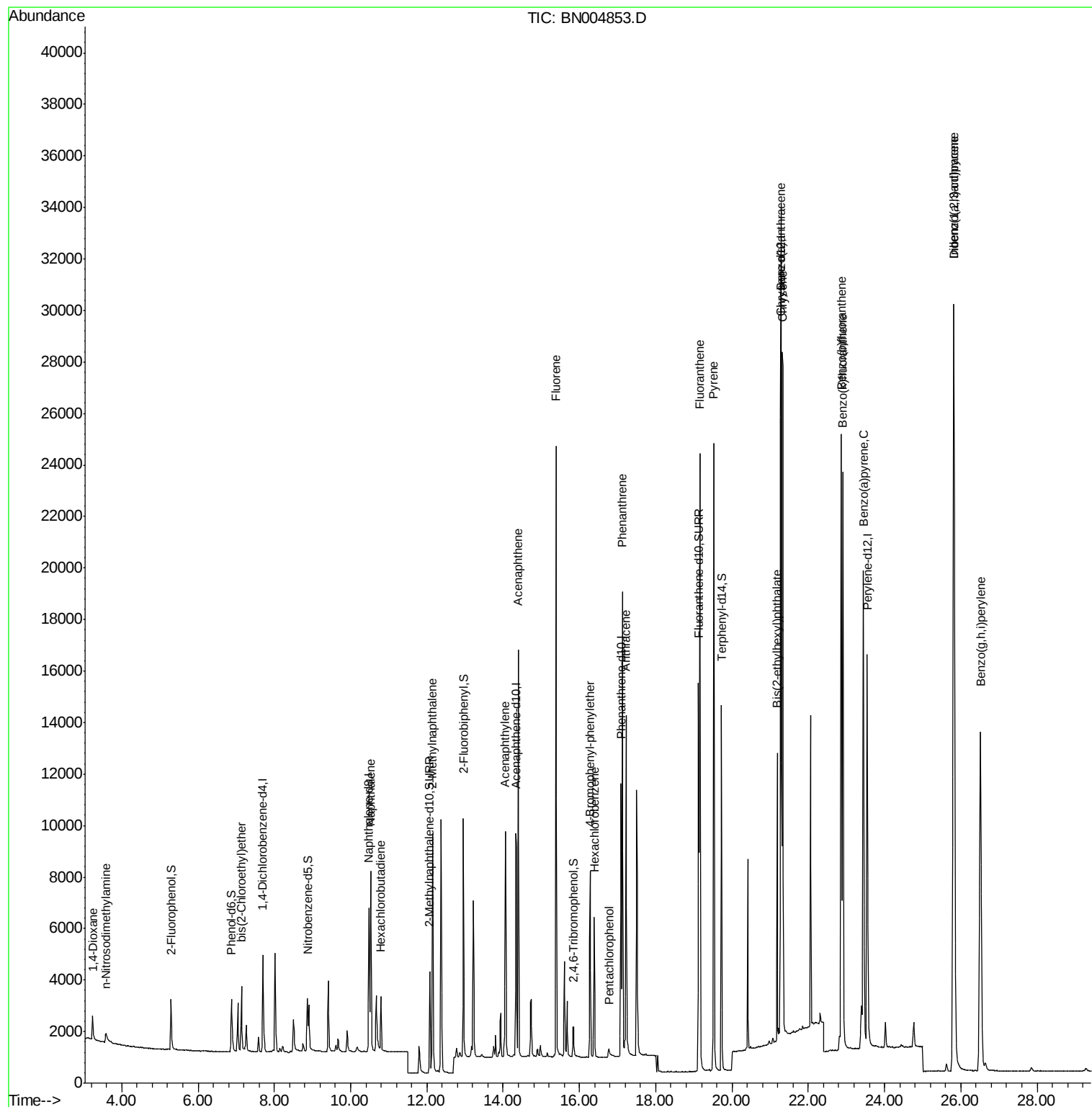
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	836	0.387	ng	99
3) n-Nitrosodimethylamine	3.59	42	371	0.291	ng	99
6) bis(2-Chloroethyl)ether	7.14	93	2294	0.396	ng	98
9) Naphthalene	10.53	128	9736	0.402	ng	99
10) Hexachlorobutadiene	10.80	225	1833	0.397	ng	# 100
12) 2-Methylnaphthalene	12.15	142	7244	0.402	ng	99
16) Acenaphthylene	14.05	152	11317	0.395	ng	100
17) Acenaphthene	14.40	154	7638	0.407	ng	99
18) Fluorene	15.39	166	10474	0.400	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	3606	0.392	ng	95
21) Hexachlorobenzene	16.39	284	4264	0.405	ng	99
22) Pentachlorophenol	16.77	266	310	0.150	ng	92
23) Phenanthrene	17.13	178	18254	0.401	ng	99
24) Anthracene	17.23	178	15813	0.389	ng	100
26) Fluoranthene	19.16	202	22876	0.391	ng	100
28) Pyrene	19.52	202	23372	0.404	ng	100
30) Benzo(a)anthracene	21.28	228	24226	0.390	ng	100
31) Chrysene	21.33	228	26717	0.408	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	9438	0.380	ng	100
33) Indeno(1,2,3-cd)pyrene	25.81	276	36909	0.389	ng	100
35) Benzo(b)fluoranthene	22.86	252	30544	0.404	ng	99
36) Benzo(k)fluoranthene	22.91	252	29924	0.402	ng	99
37) Benzo(a)pyrene	23.45	252	27712	0.400	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	30316	0.377	ng	99
39) Benzo(g,h,i)perylene	26.52	276	30197	0.369	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: 7.70 min Scan# 580

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

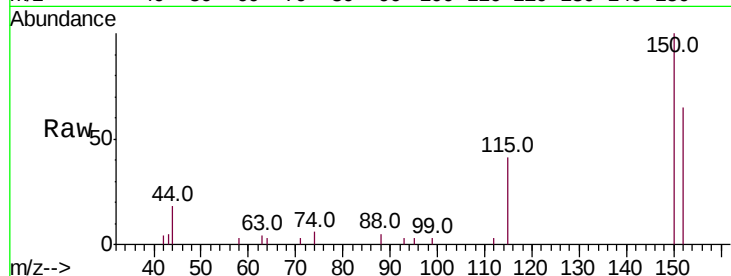
Tot Ion:152 Resp: 1899

Ion Ratio Lower Upper

152 100

150 154.0 126.2 189.4

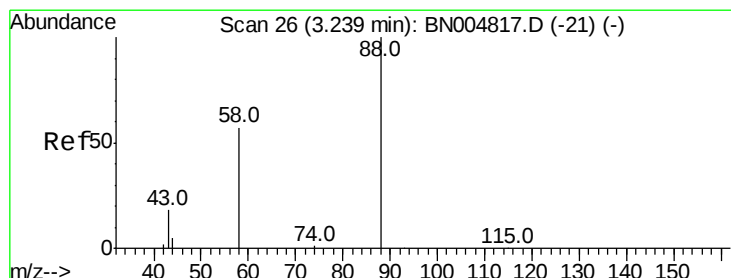
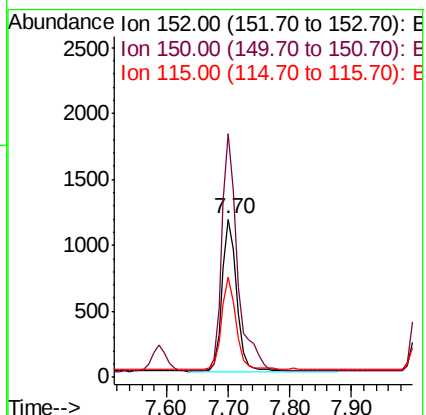
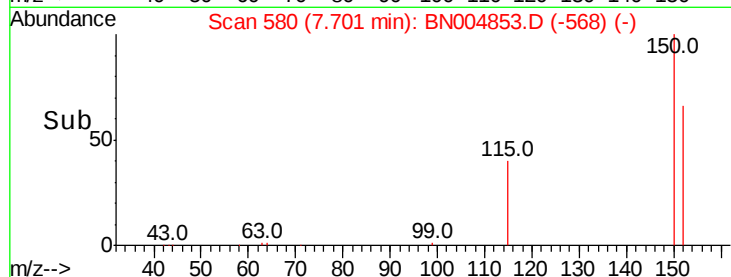
115 63.3 52.6 79.0



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: 0.387 ng

RT: 3.24 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

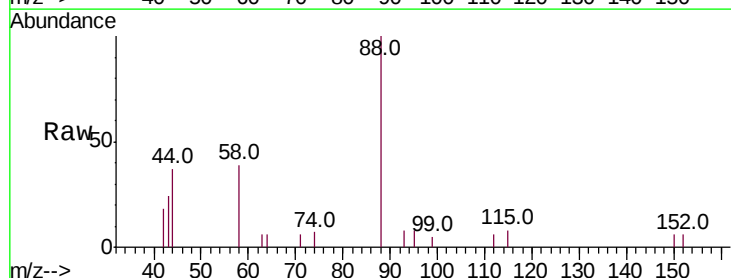
Tgt Ion: 88 Resp: 836

Ion Ratio Lower Upper

88 100

58 63.6 51.4 77.2

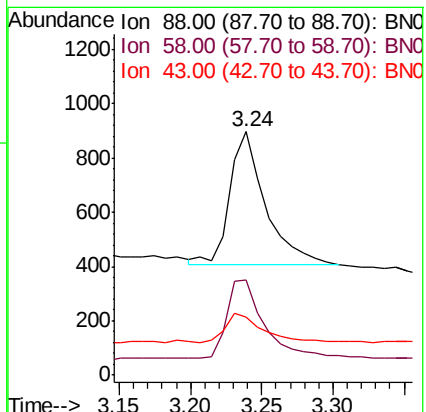
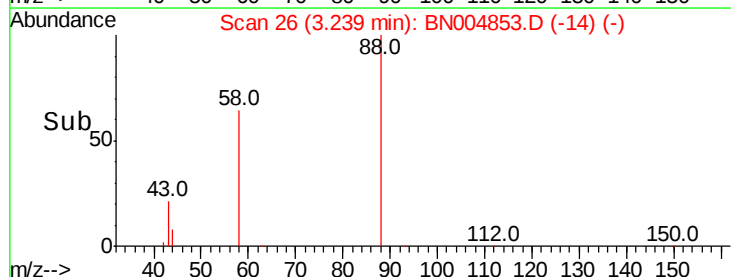
43 24.4 20.0 30.0



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



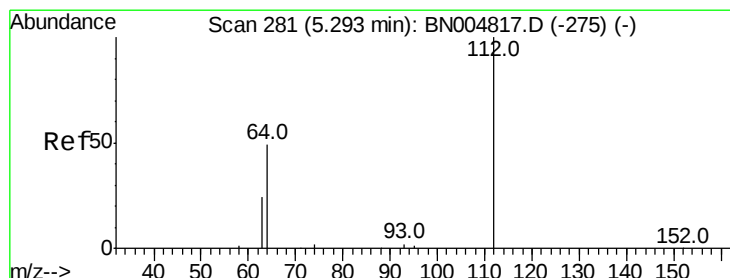
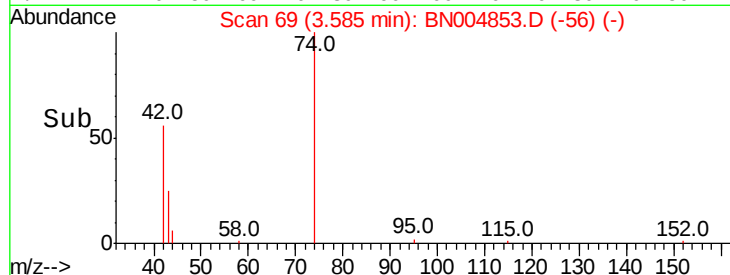
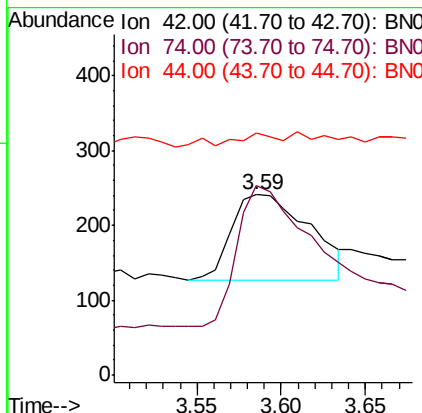
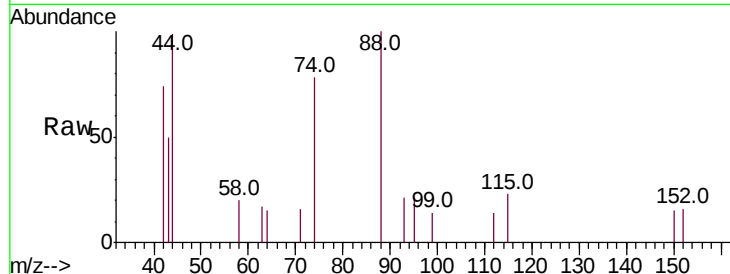


#3

n-Nitrosodimethylamine
 Concen: 0.291 ng
 RT: 3.59 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: BN004853.D
 Acq: 21 Mar 2019 17:01

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

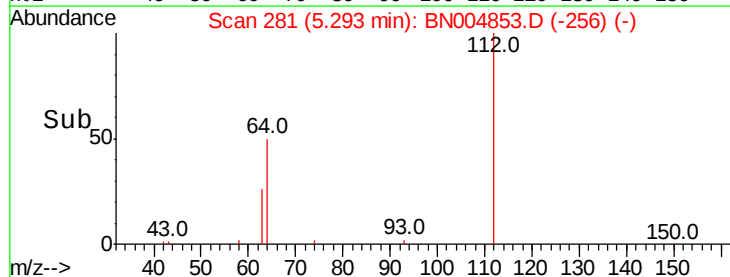
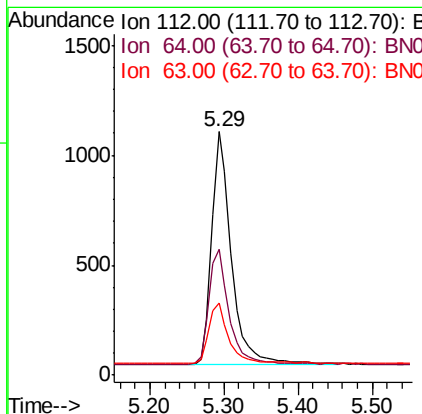
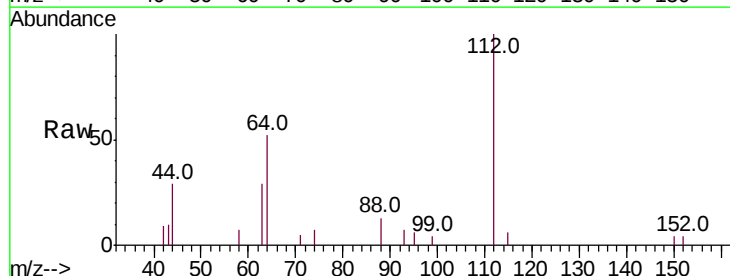
Tot Ion: 42 Resp: 371
 Ion Ratio Lower Upper
 42 100
 74 161.5 128.4 192.6
 44 7.0 6.1 9.1



#4

2-Fluorophenol
 Concen: 0.385 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004853.D
 Acq: 21 Mar 2019 17:01

Tgt Ion: 112 Resp: 1985
 Ion Ratio Lower Upper
 112 100
 64 50.5 40.0 60.0
 63 25.5 20.2 30.2





#5

Phenol-d6

Concen: 0.395 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

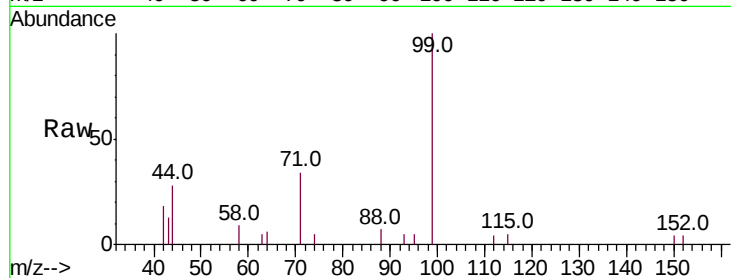
Tot Ion: 99 Resp: 2541

Ion Ratio Lower Upper

99 100

42 15.2 12.7 19.1

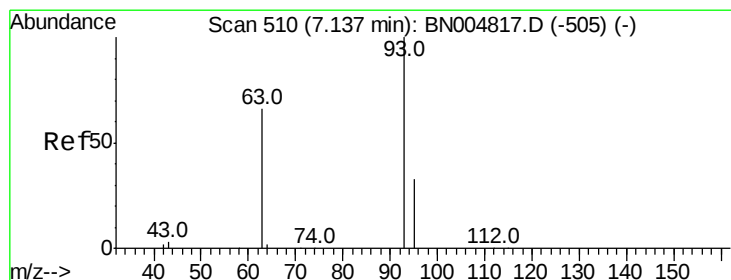
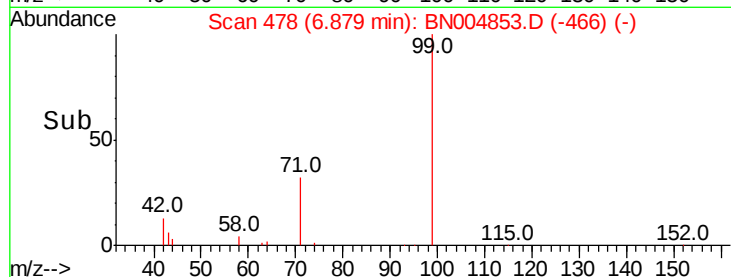
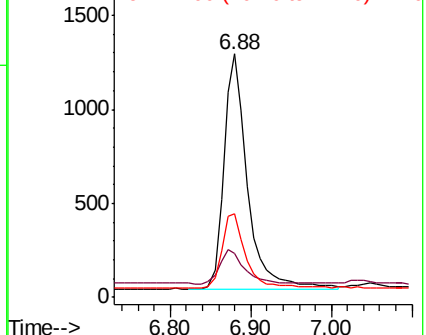
71 32.1 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004853.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN004853.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN004853.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.396 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

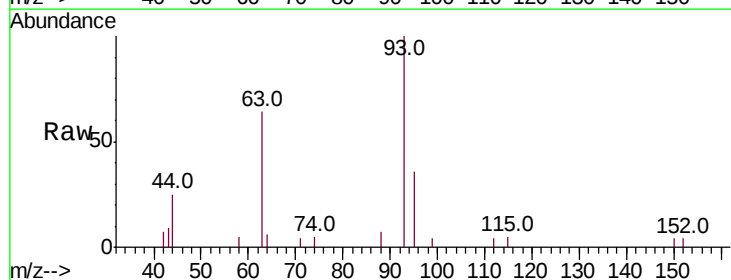
Tgt Ion: 93 Resp: 2294

Ion Ratio Lower Upper

93 100

63 63.4 52.6 78.8

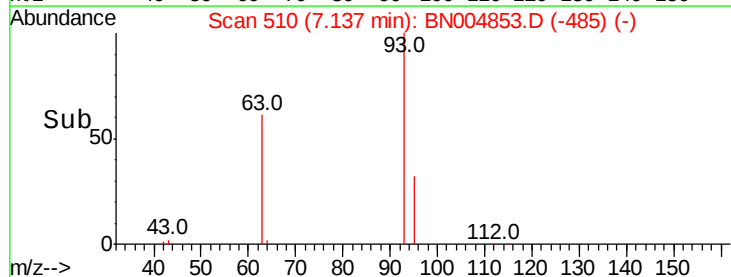
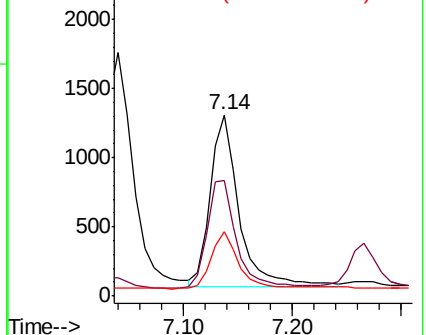
95 32.2 25.9 38.9

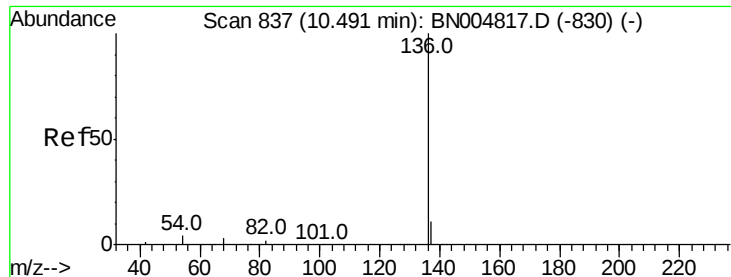


Abundance Ion 93.00 (92.70 to 93.70): BN004853.D (-485) (-)

Ion 63.00 (62.70 to 63.70): BN004853.D (-485) (-)

Ion 95.00 (94.70 to 95.70): BN004853.D (-485) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 8640

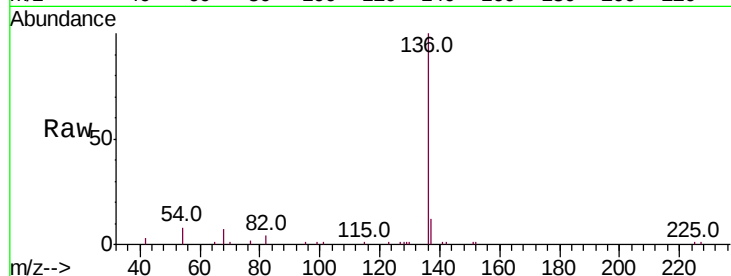
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 7.8 4.2 6.2#

68 6.6 3.9 5.9#

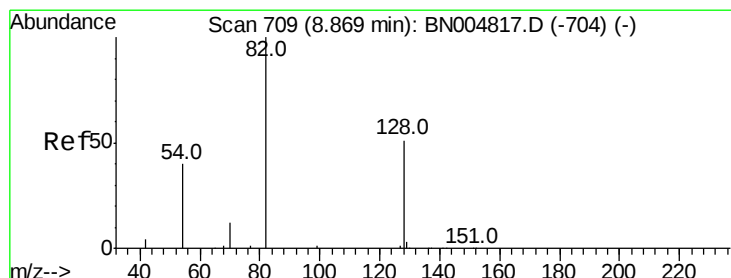
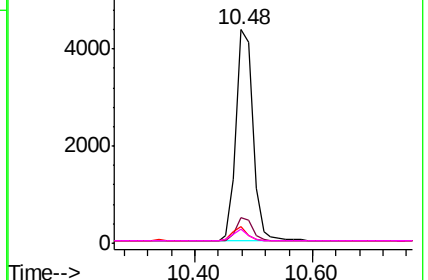
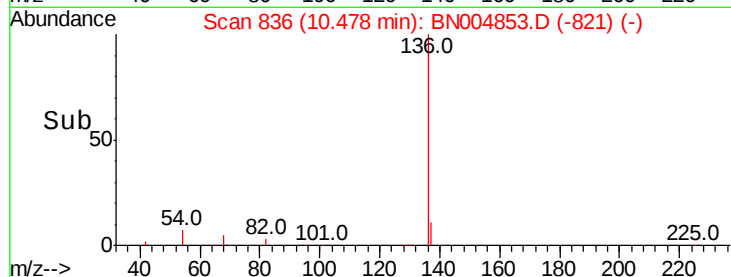


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

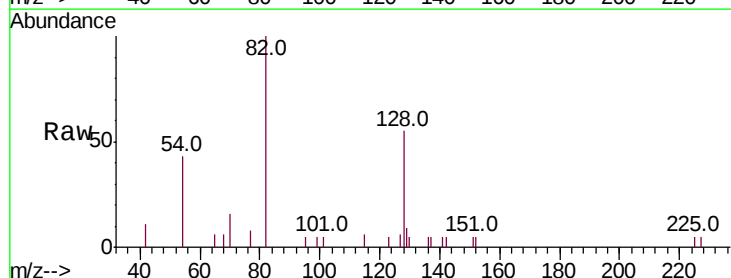
Tgt Ion: 82 Resp: 2141

Ion Ratio Lower Upper

82 100

128 55.1 43.0 64.6

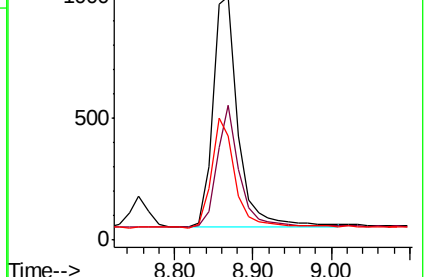
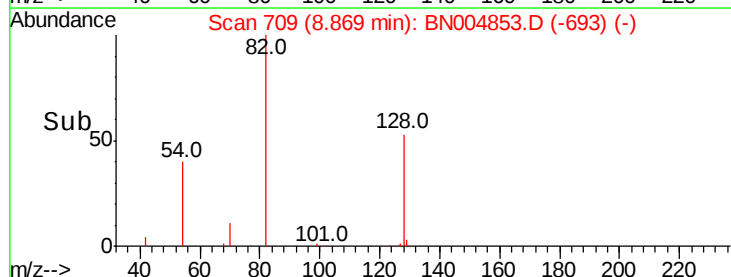
54 43.0 35.3 52.9

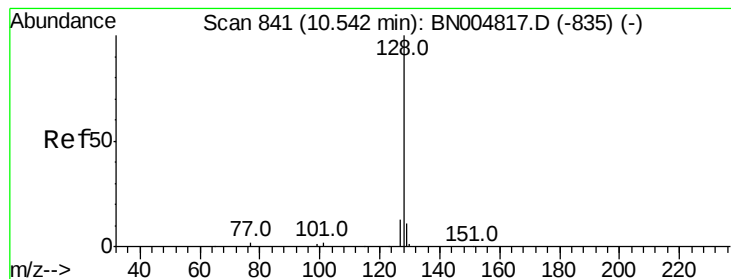


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.402 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

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ClientSampleId :

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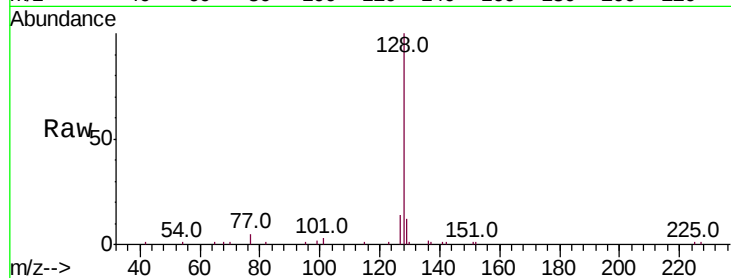
Tot Ion:128 Resp: 9736

Ion Ratio Lower Upper

128 100

129 11.9 9.9 14.9

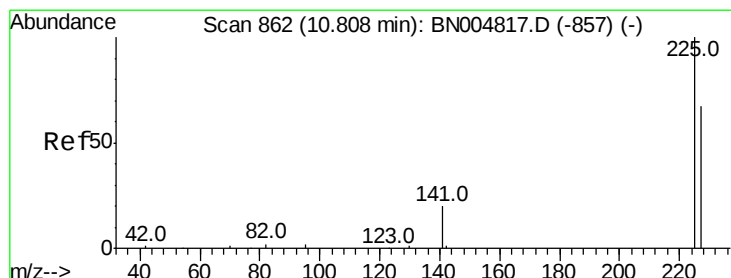
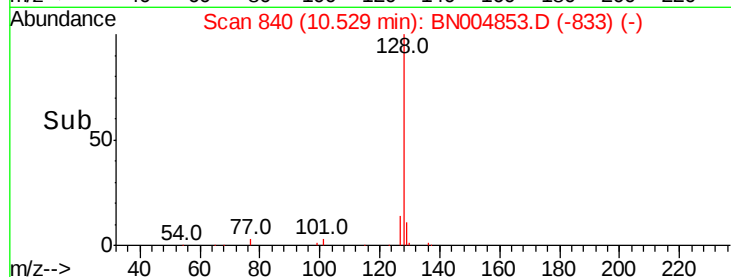
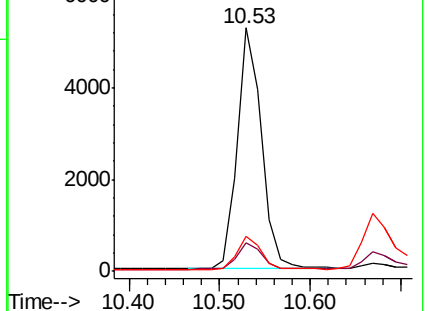
127 14.3 11.3 16.9



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: 0.397 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

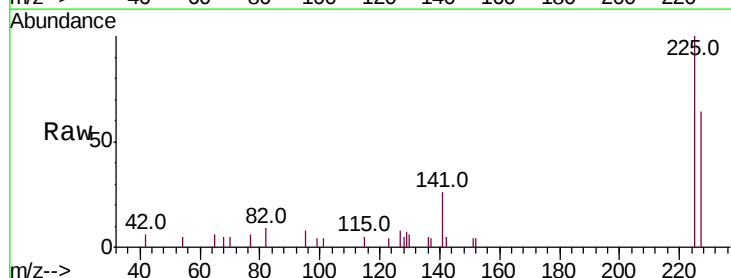
Tgt Ion:225 Resp: 1833

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

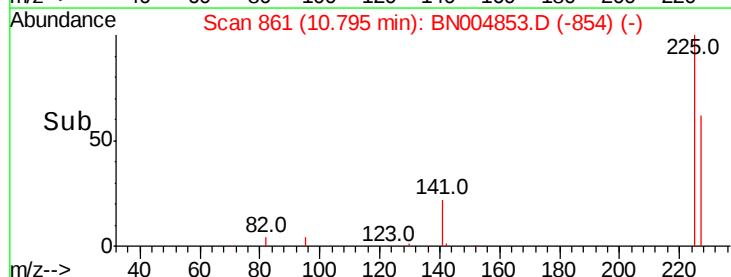
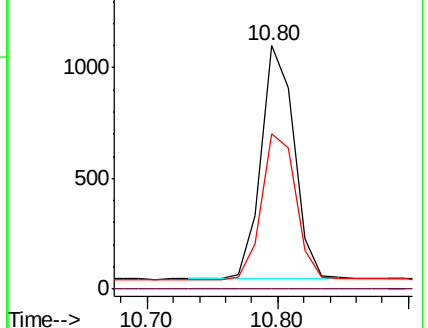
227 65.4 52.2 78.4

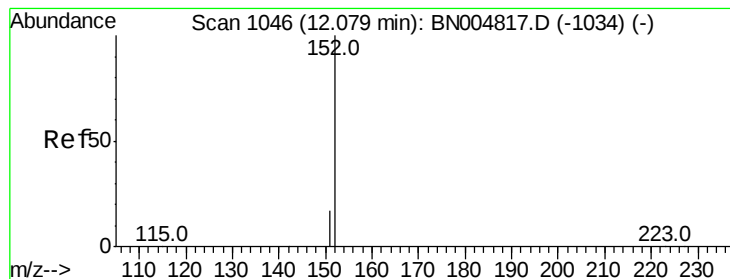


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.08 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

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ClientSampleId :

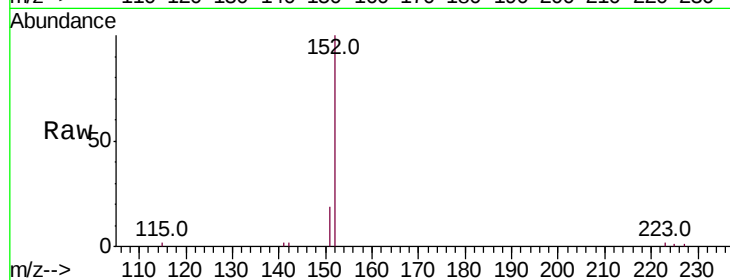
SSTDCCC0.4EC

Tot Ion:152 Resp: 6018

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.08

3000

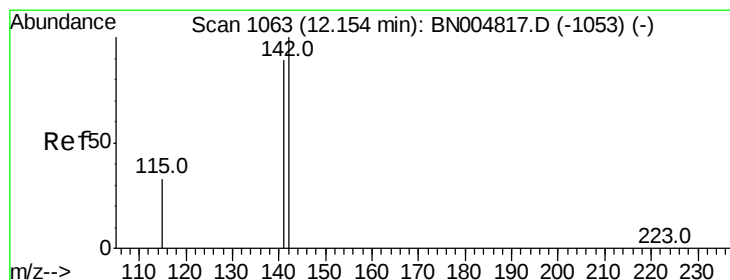
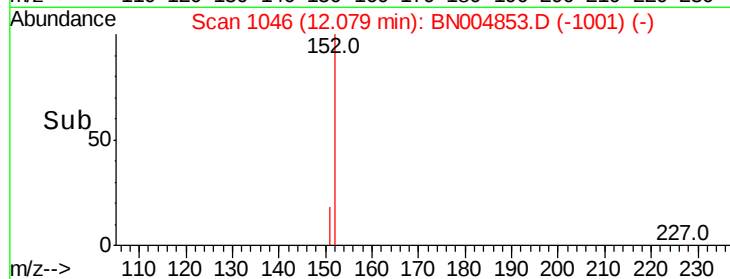
2000

1000

0

Time-->

12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.402 ng

RT: 12.15 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

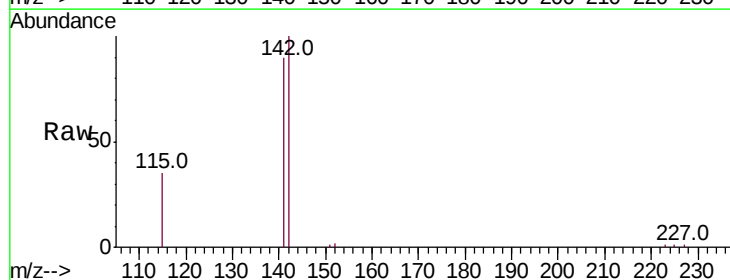
Tgt Ion:142 Resp: 7244

Ion Ratio Lower Upper

142 100

141 90.0 71.4 107.2

115 34.9 27.5 41.3



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

12.15

5000

4000

3000

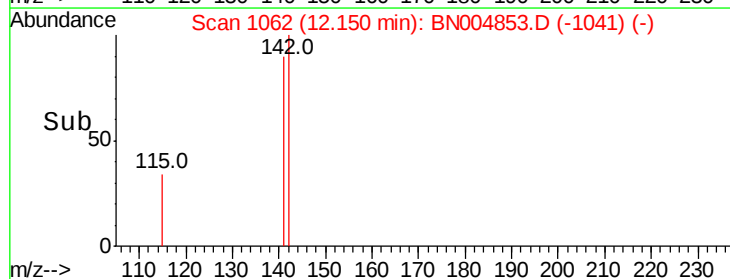
2000

1000

0

Time-->

12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

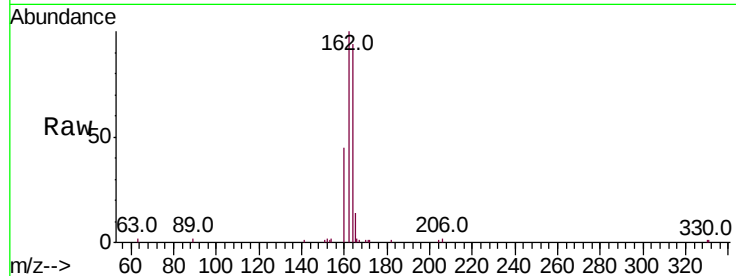
Tot Ion:164 Resp: 5560

Ion Ratio Lower Upper

164 100

162 106.2 81.9 122.9

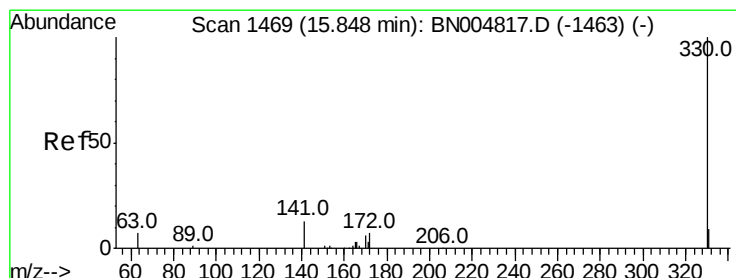
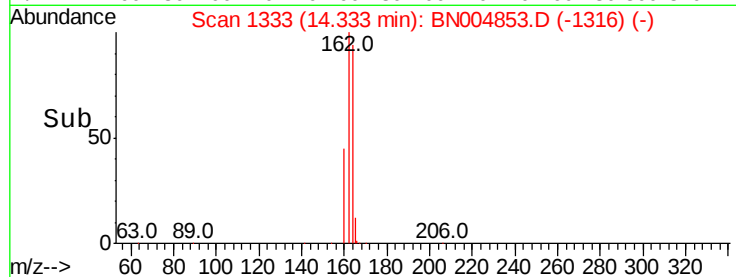
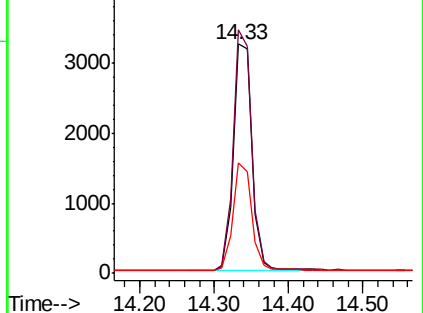
160 48.3 36.6 54.8



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: 0.345 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

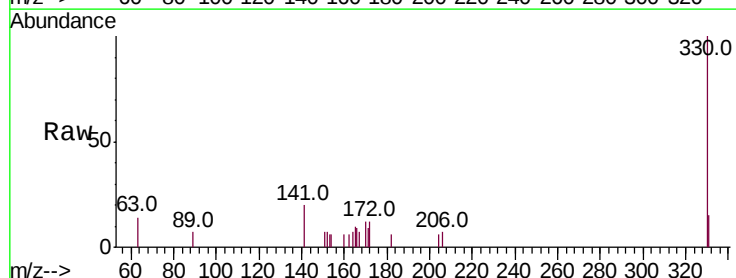
Tgt Ion:330 Resp: 1325

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

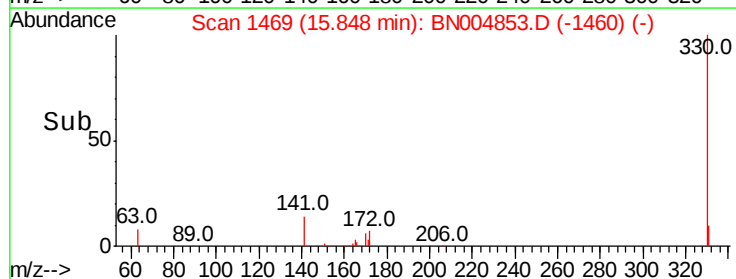
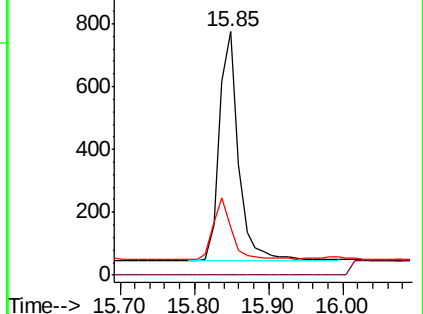
141 26.2 20.9 31.3



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

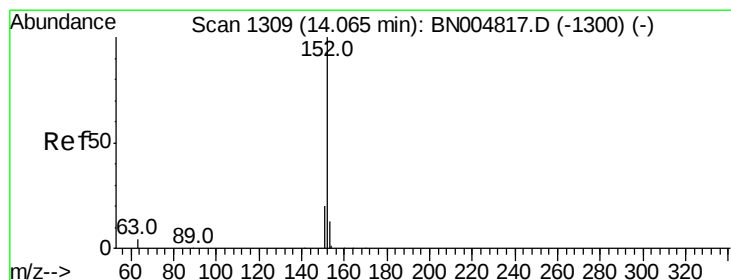
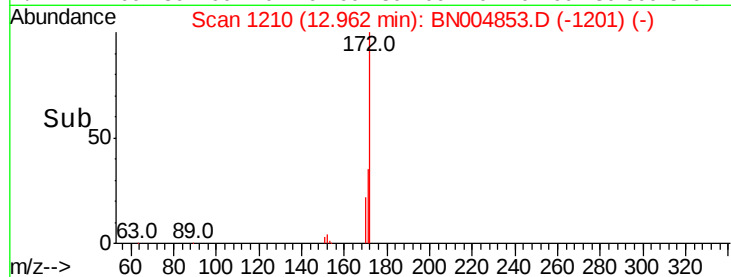
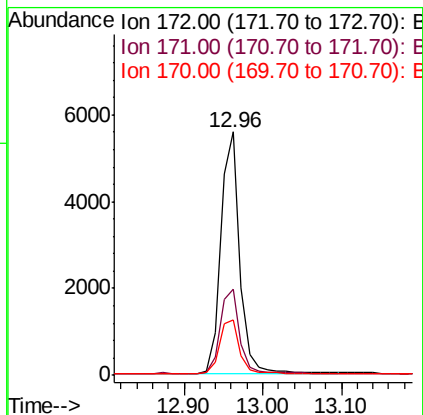
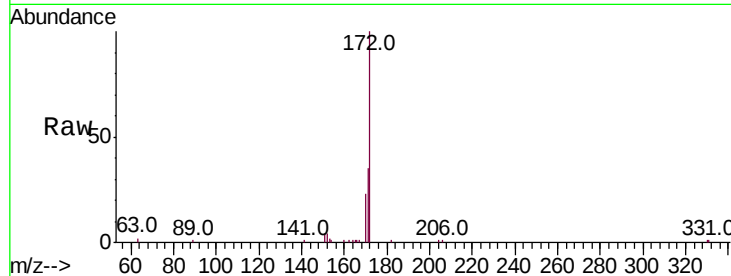




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004853.D
Acq: 21 Mar 2019 17:01

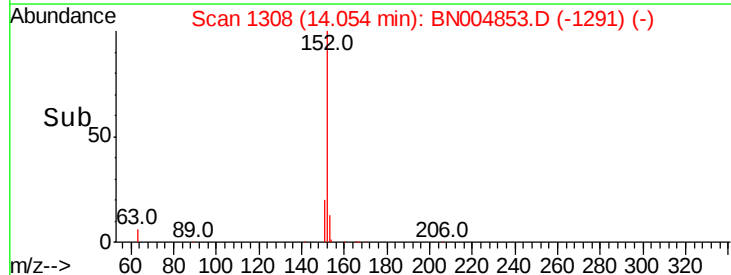
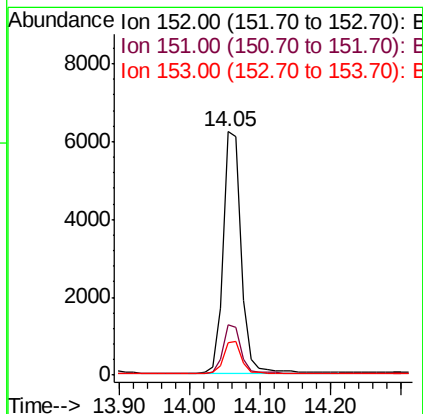
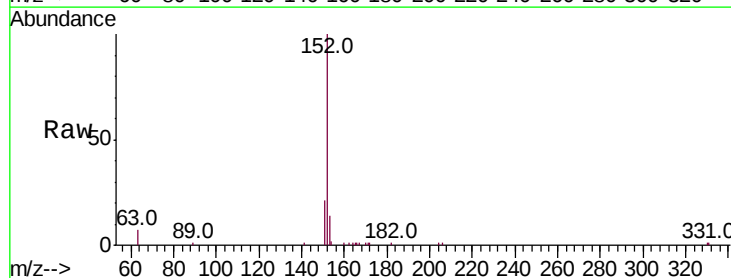
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 9363
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 22.6 18.7 28.1



#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004853.D
Acq: 21 Mar 2019 17:01

Tgt Ion:152 Resp: 11317
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

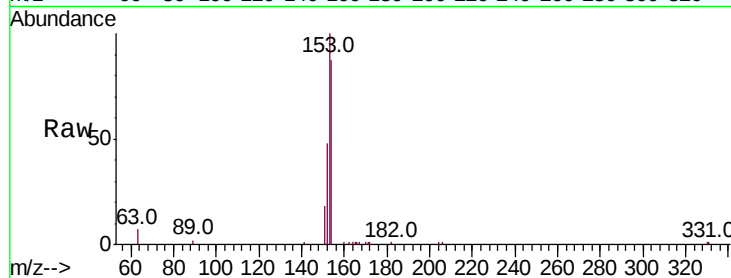
Tot Ion:154 Resp: 7638

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

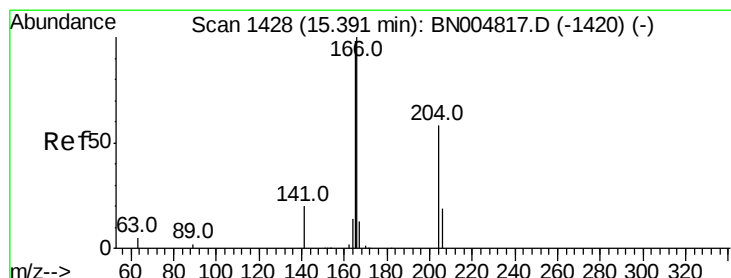
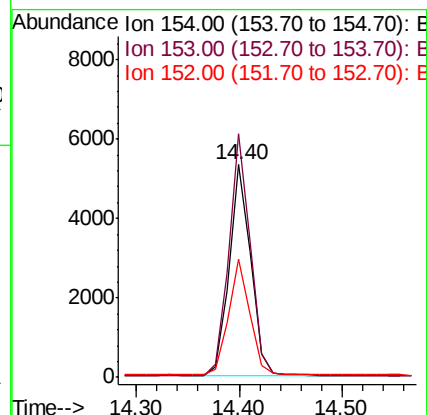
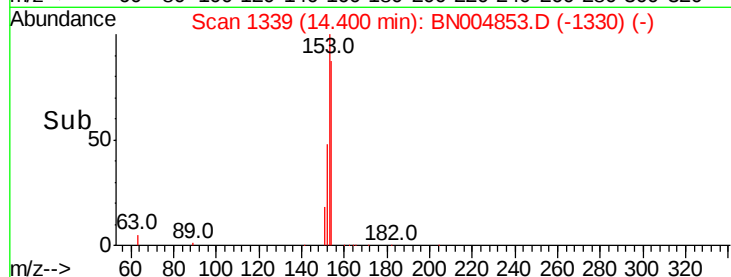
152 54.3 44.2 66.2



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: 0.400 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

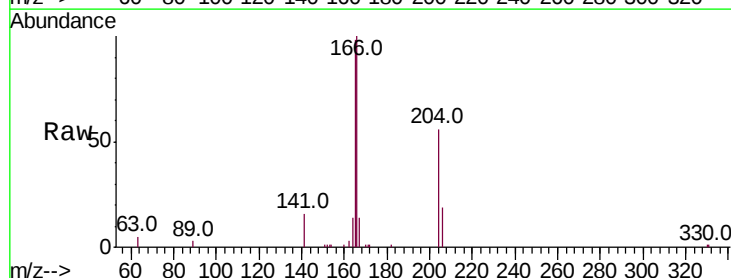
Tgt Ion:166 Resp: 10474

Ion Ratio Lower Upper

166 100

165 97.3 78.2 117.4

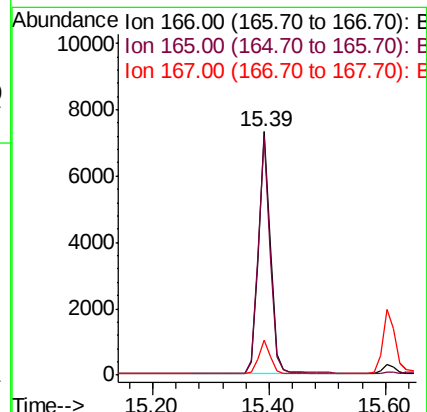
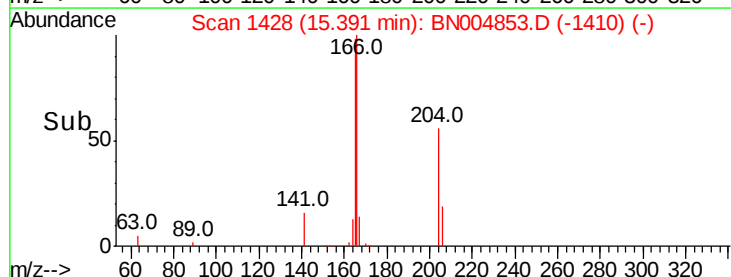
167 13.6 11.0 16.4

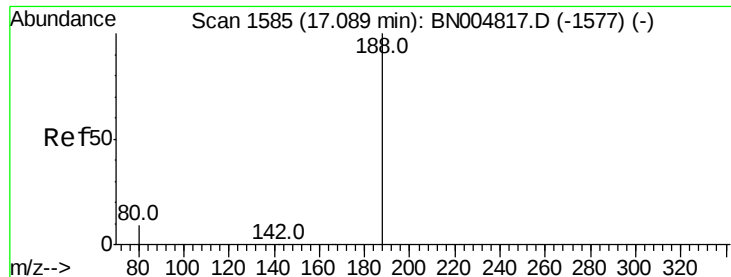


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

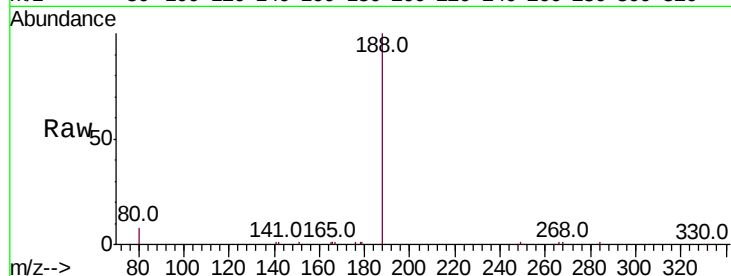
Tot Ion:188 Resp: 14093

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

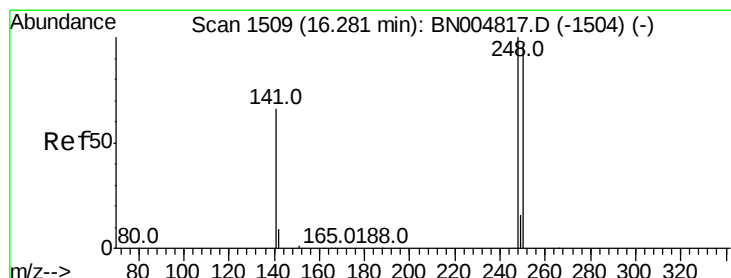
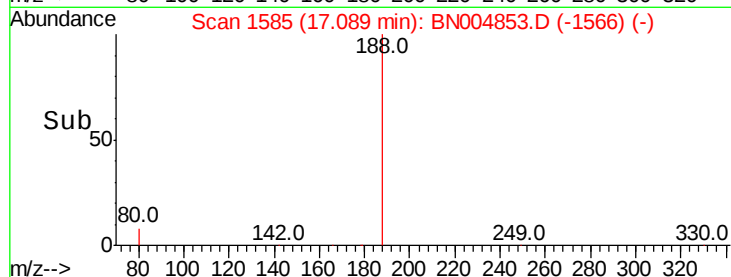
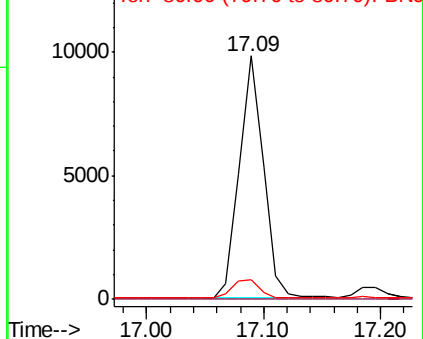
80 8.1 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.392 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

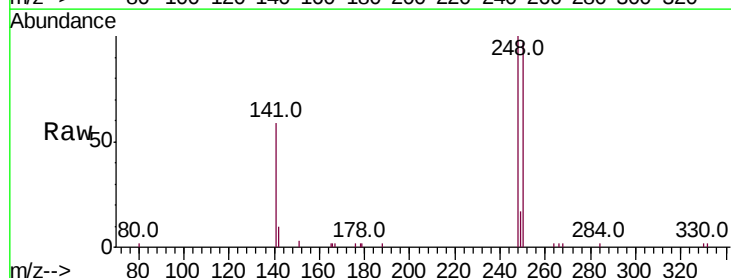
Tgt Ion:248 Resp: 3606

Ion Ratio Lower Upper

248 100

250 97.3 76.2 114.4

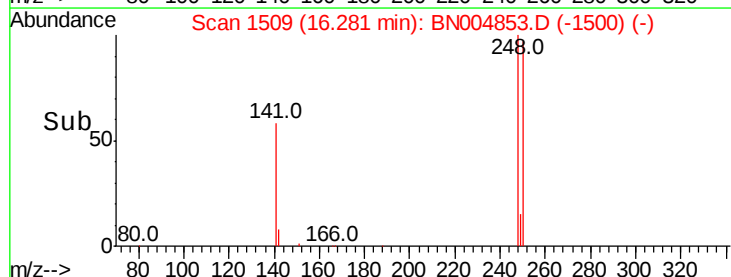
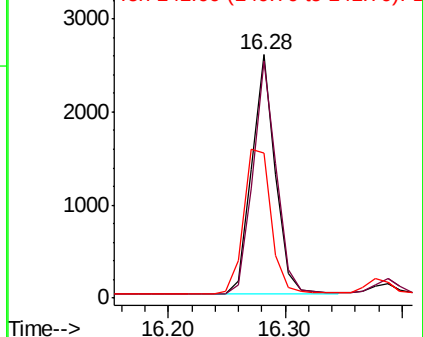
141 59.3 53.9 80.9

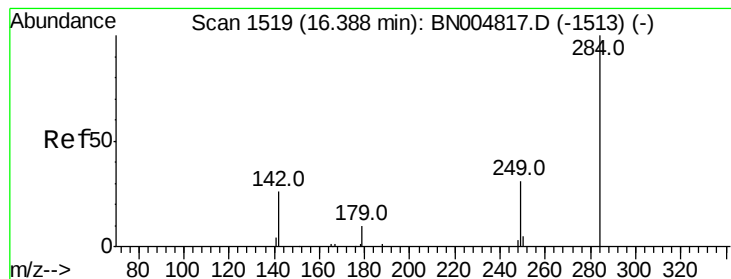


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.405 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

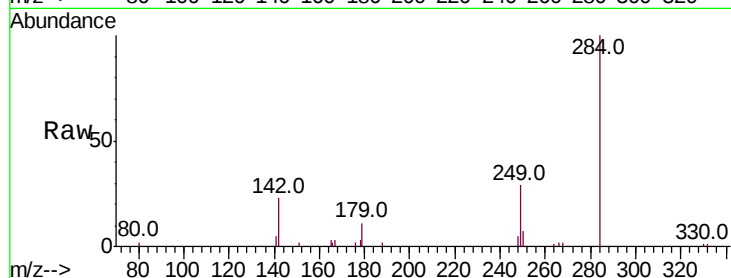
Tot Ion:284 Resp: 4264

Ion Ratio Lower Upper

284 100

142 28.9 22.6 34.0

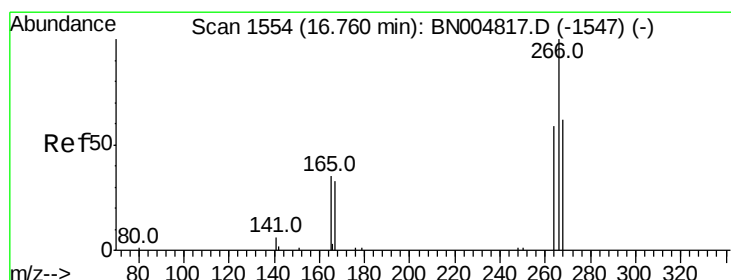
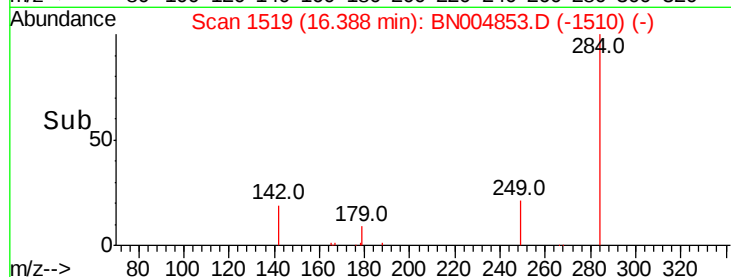
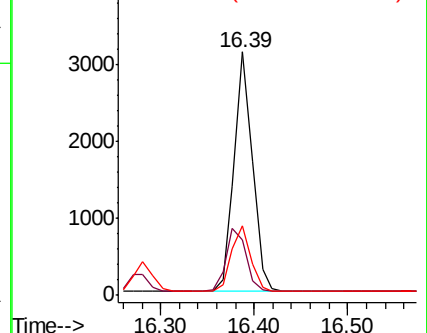
249 28.2 22.5 33.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.150 ng

RT: 16.77 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

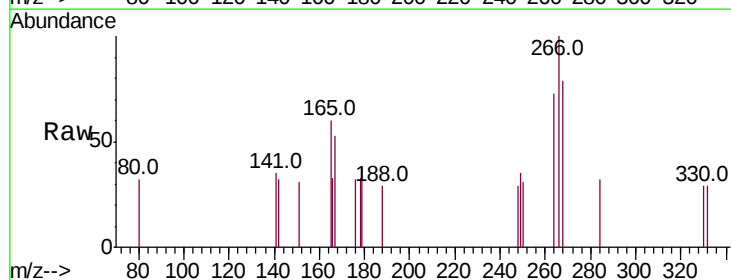
Tgt Ion:266 Resp: 310

Ion Ratio Lower Upper

266 100

264 72.6 53.1 79.7

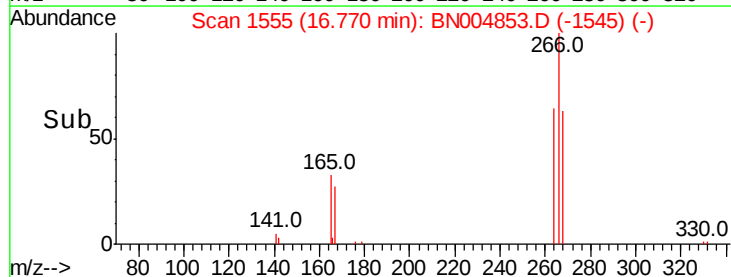
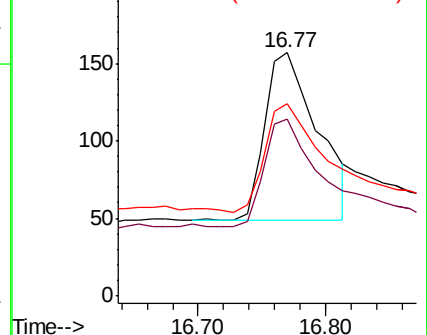
268 79.0 57.7 86.5

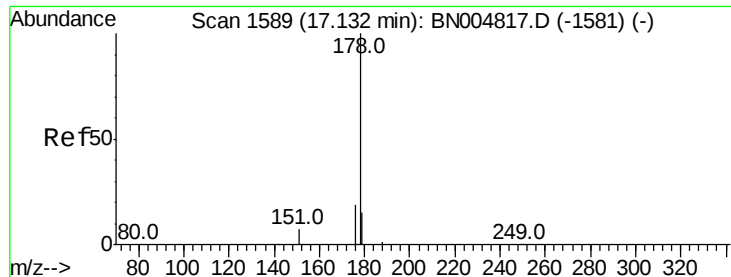


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.401 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

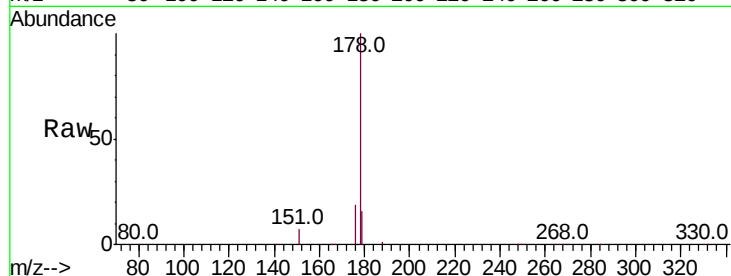
Tot Ion:178 Resp: 18254

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

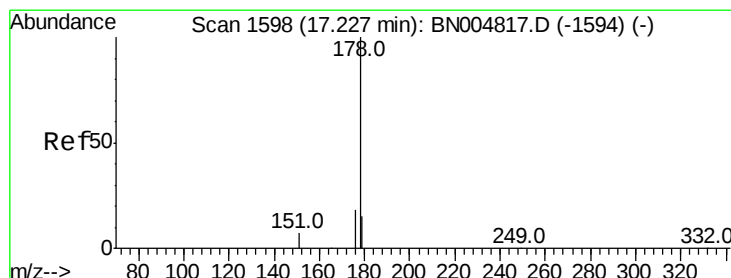
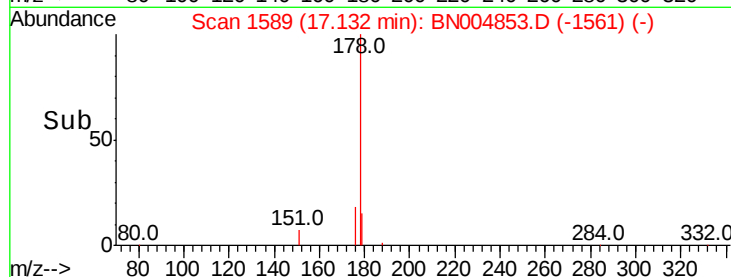
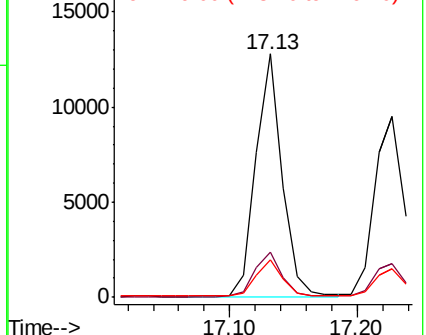
179 15.4 12.1 18.1



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: 0.389 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

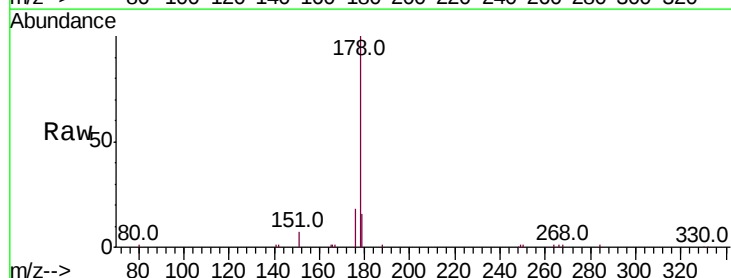
Tgt Ion:178 Resp: 15813

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

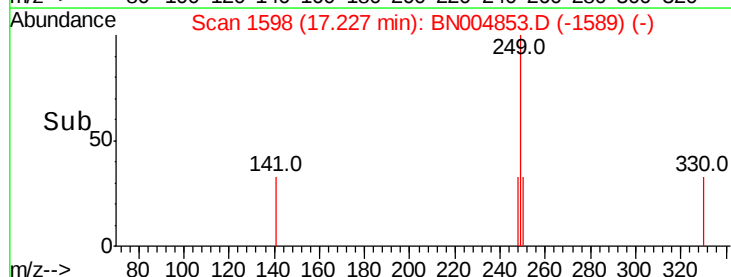
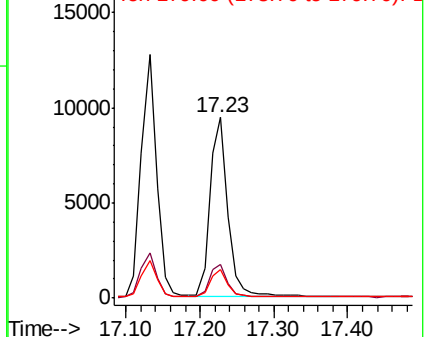
179 15.4 12.2 18.4

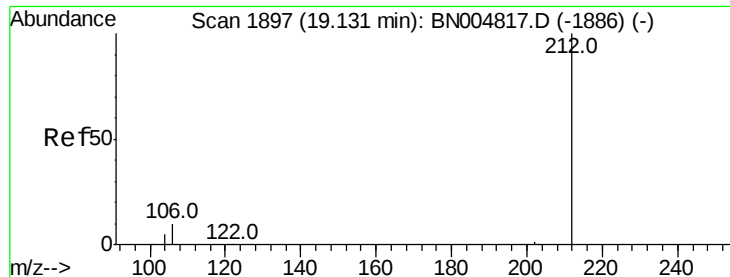


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

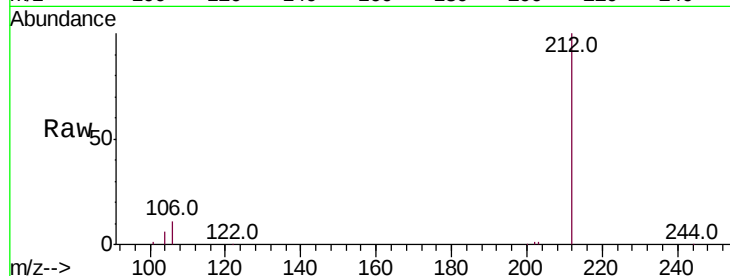
Tot Ion:212 Resp: 18091

Ion Ratio Lower Upper

212 100

106 10.8 8.6 13.0

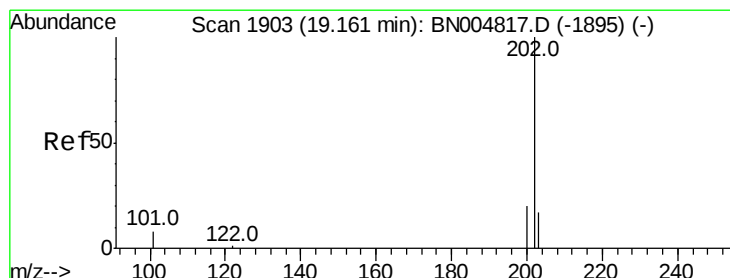
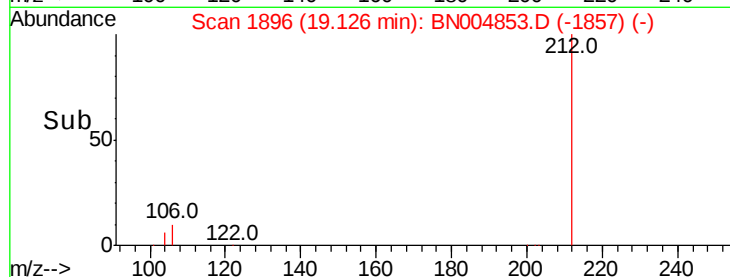
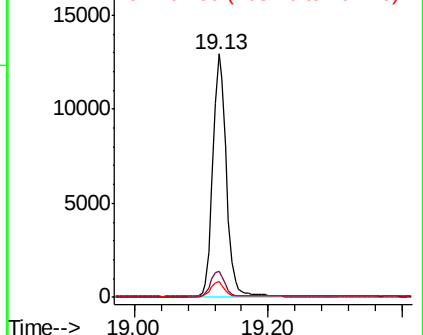
104 5.9 4.7 7.1



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: 0.391 ng

RT: 19.16 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

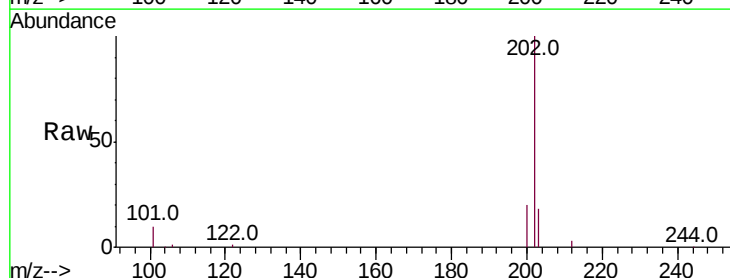
Tgt Ion:202 Resp: 22876

Ion Ratio Lower Upper

202 100

101 9.3 7.5 11.3

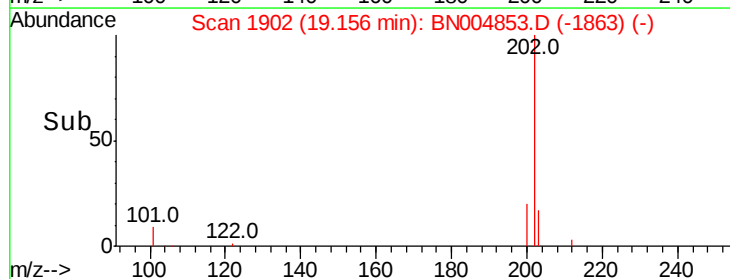
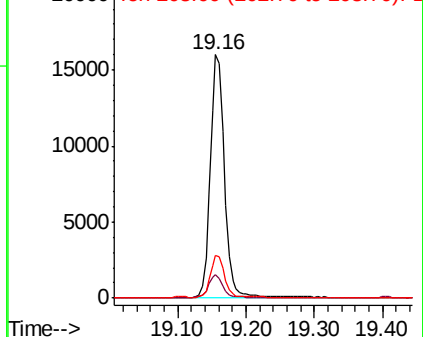
203 17.4 13.8 20.6



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: 21.29 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

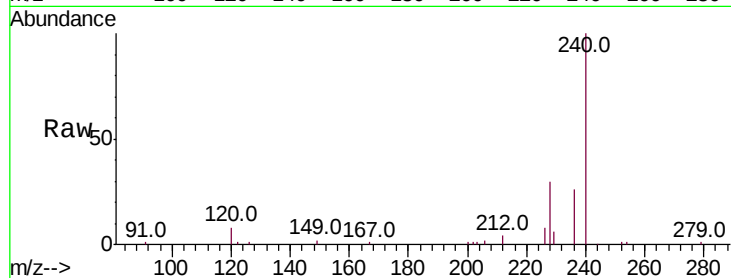
Tot Ion:240 Resp: 18964

Ion Ratio Lower Upper

240 100

120 7.8 7.2 10.8

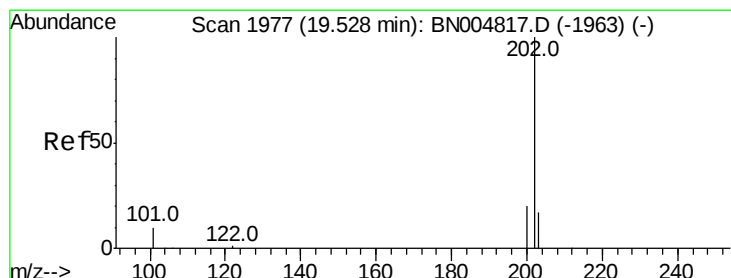
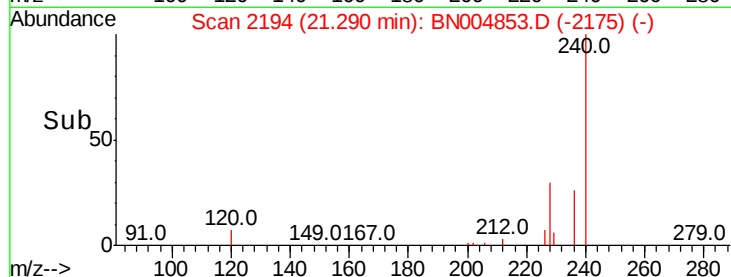
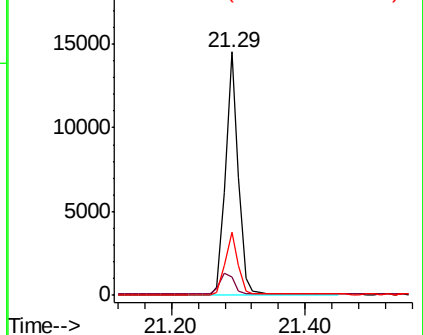
236 25.8 20.9 31.3



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: 0.404 ng

RT: 19.52 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

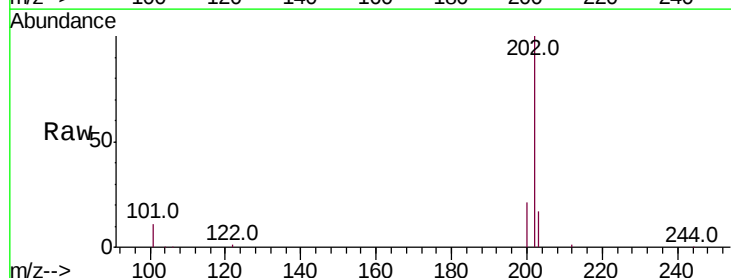
Tgt Ion:202 Resp: 23372

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

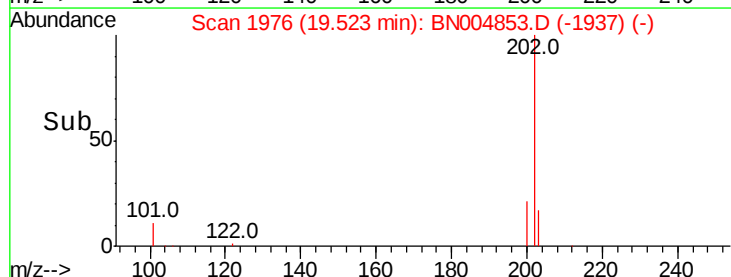
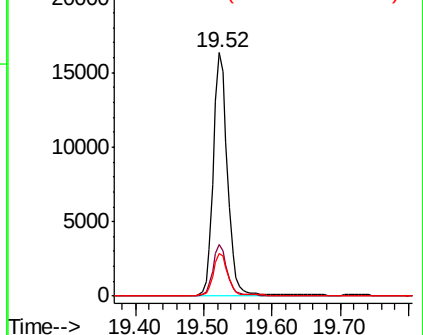
203 17.5 14.0 21.0

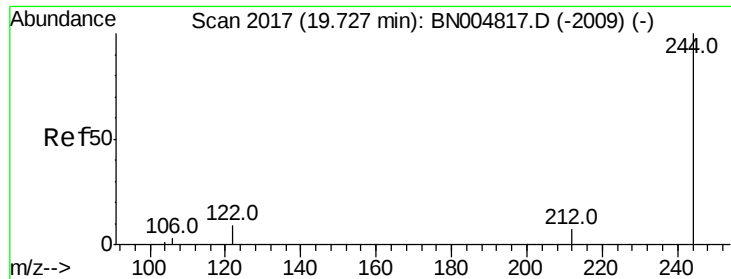


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.395 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

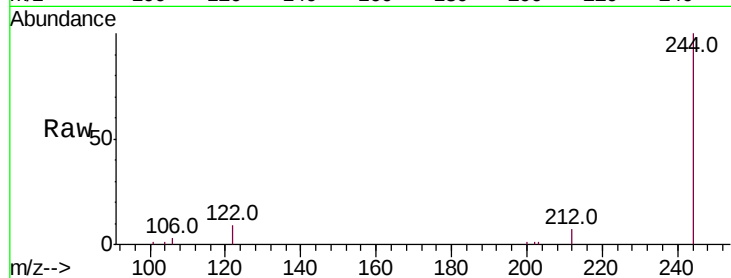
Tot Ion:244 Resp: 15309

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

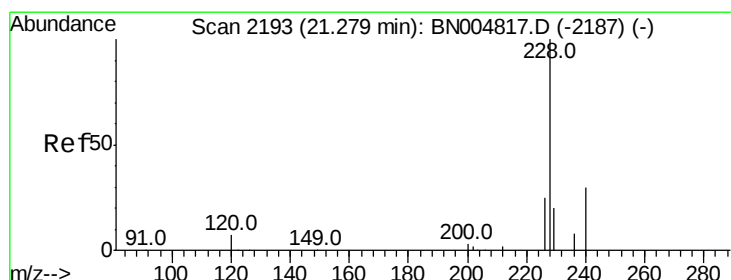
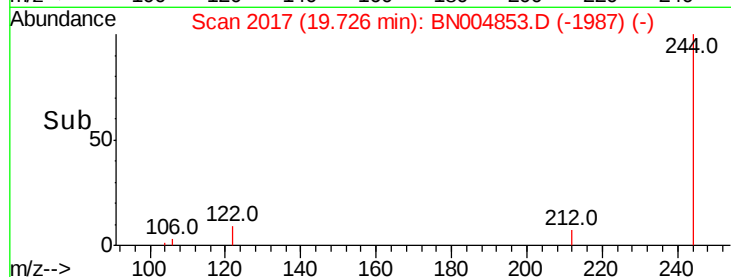
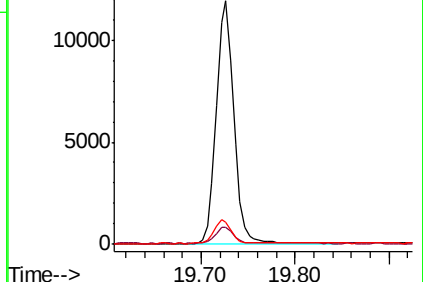
122 9.0 7.9 11.9



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: 0.390 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

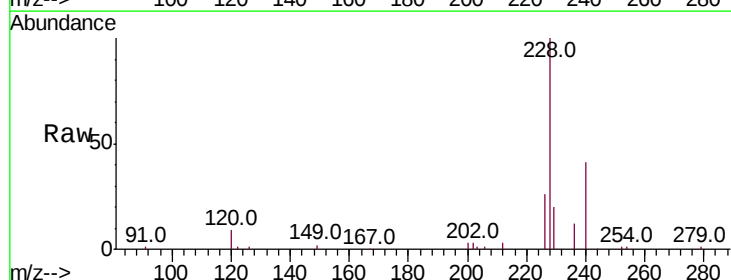
Tgt Ion:228 Resp: 24226

Ion Ratio Lower Upper

228 100

226 25.8 20.6 31.0

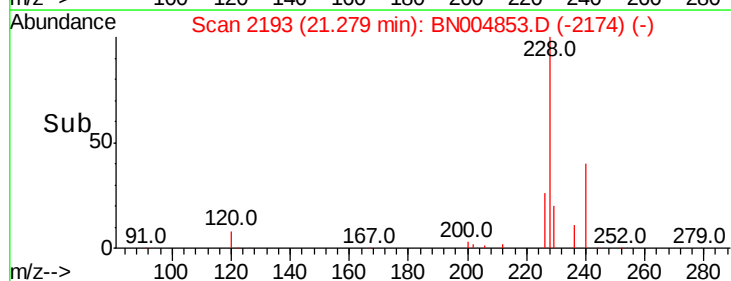
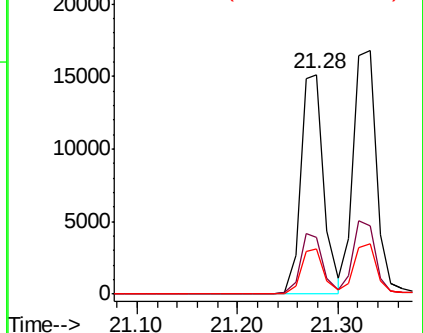
229 20.4 16.2 24.4



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: 0.408 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

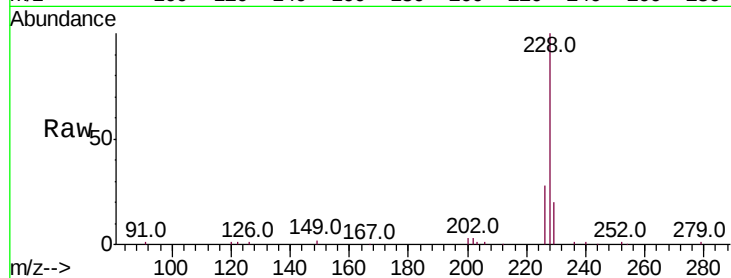
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 26717

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.6
229	20.4	16.2	24.2

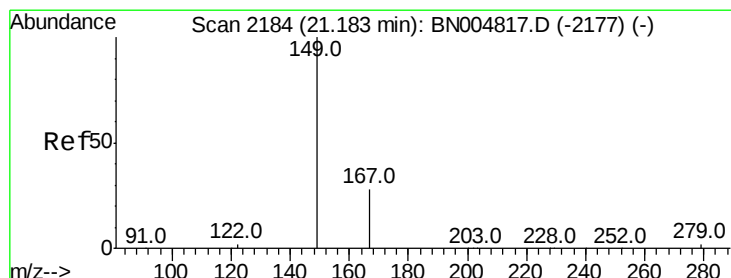
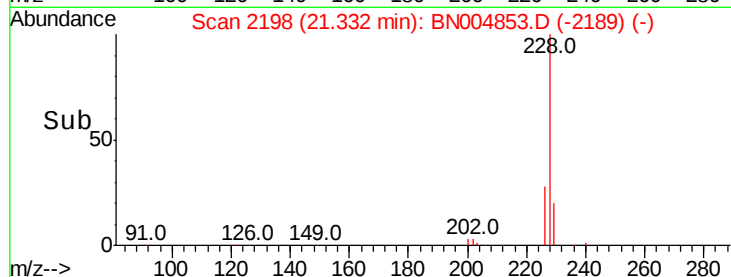
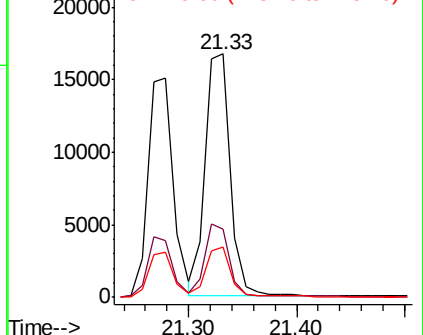


Abundance

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: 0.380 ng

RT: 21.18 min Scan# 2184

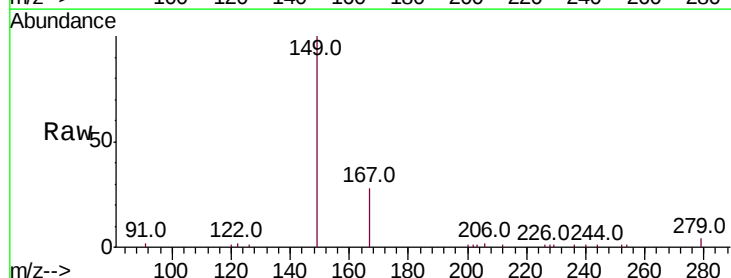
Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Tgt Ion:149 Resp: 9438

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.0	34.4
279	5.8	4.6	6.8

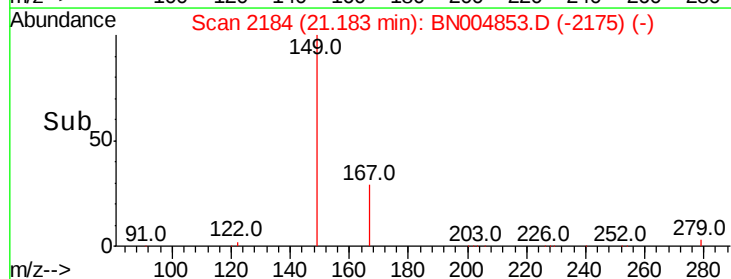
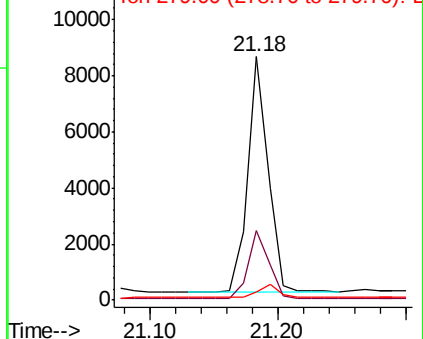


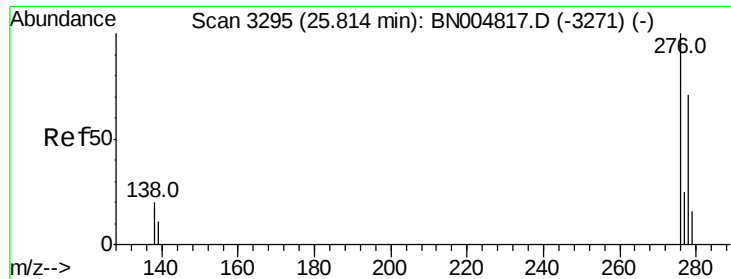
Abundance

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

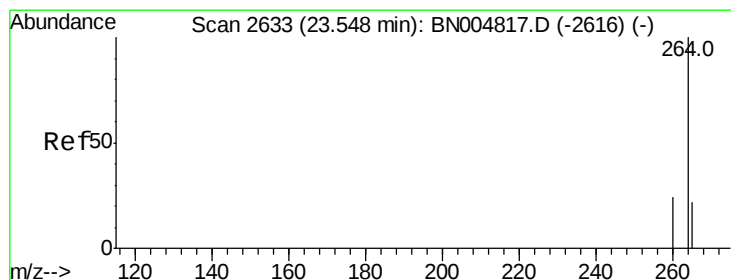
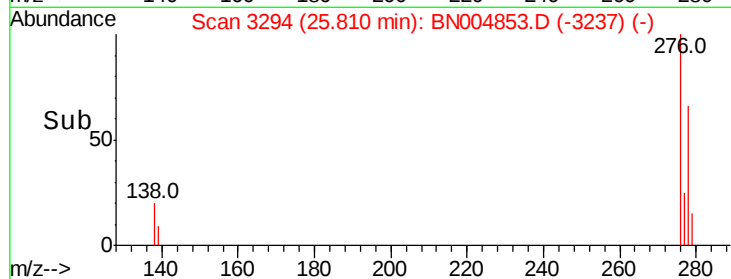
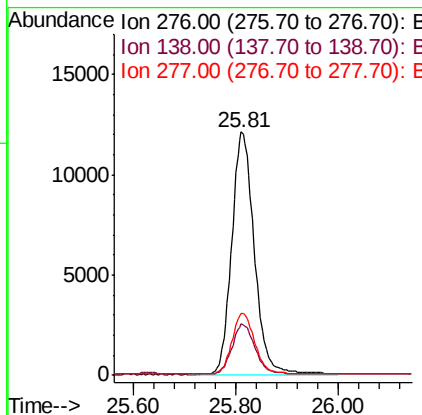
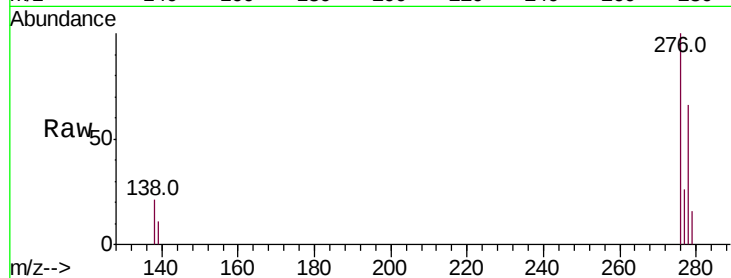




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.389 ng
 RT: 25.81 min Scan# 3294
 Delta R.T. -0.00 min
 Lab File: BN004853.D
 Acq: 21 Mar 2019 17:01

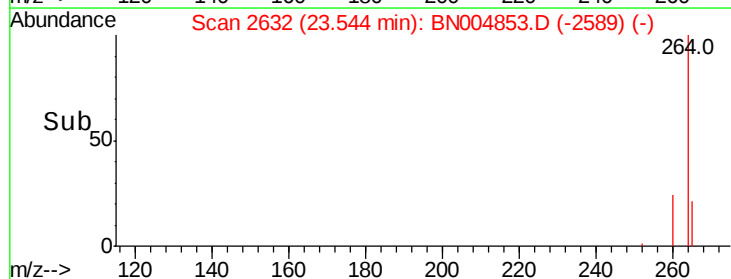
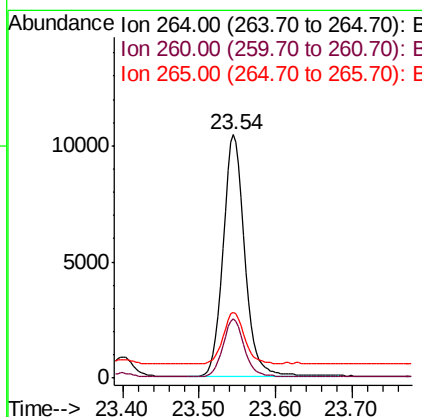
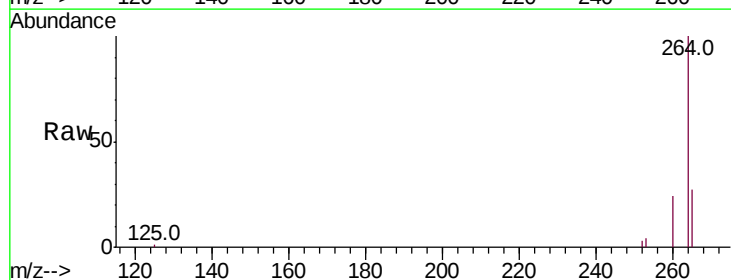
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

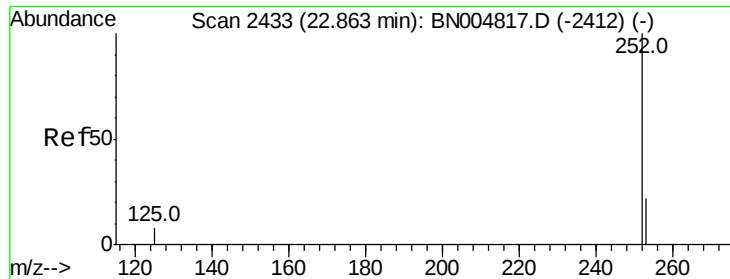
Tot Ion:276 Resp: 36909
 Ion Ratio Lower Upper
 276 100
 138 20.9 16.6 24.8
 277 25.5 20.3 30.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2632
 Delta R.T. -0.00 min
 Lab File: BN004853.D
 Acq: 21 Mar 2019 17:01

Tgt Ion:264 Resp: 20894
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 27.0 23.1 34.7

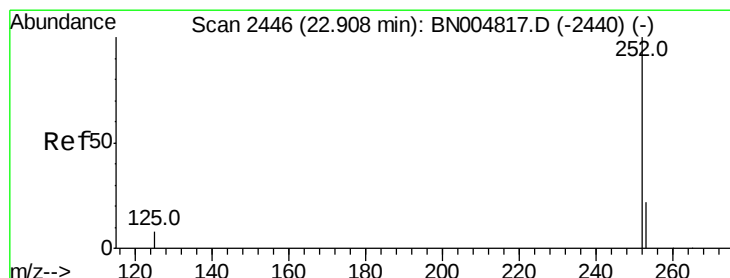
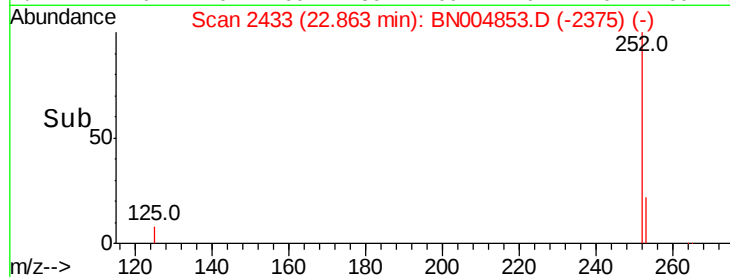
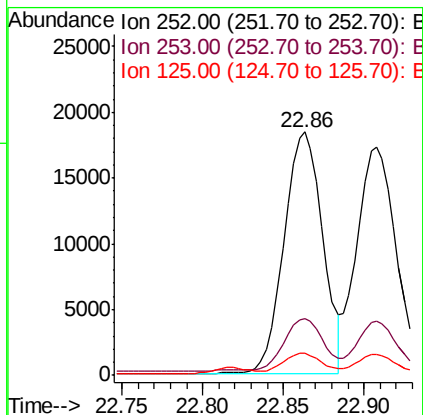
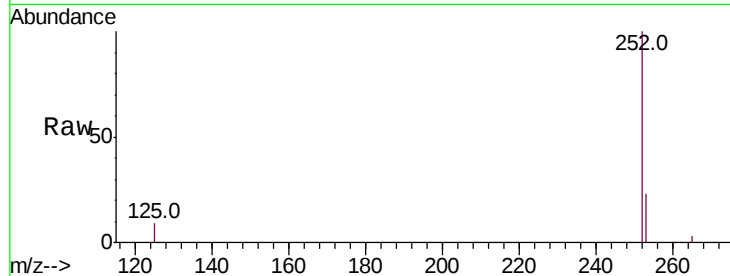




#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BN004853.D
Acq: 21 Mar 2019 17:01

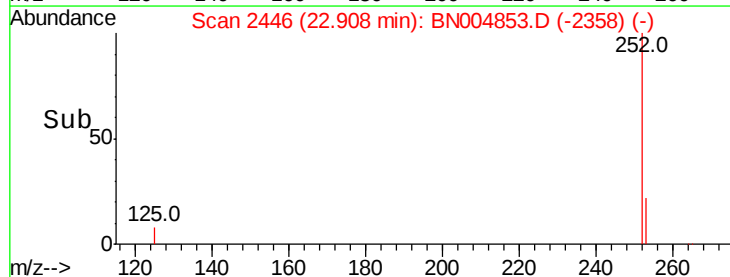
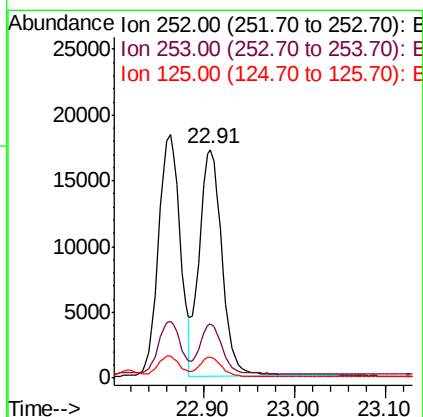
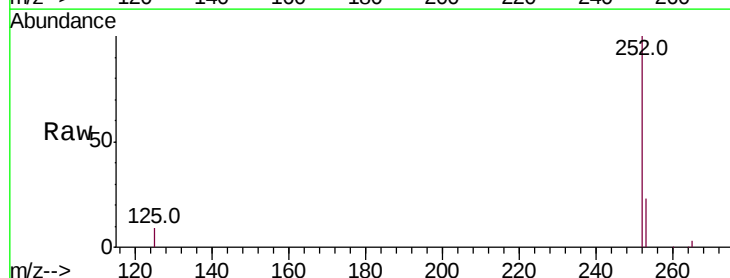
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

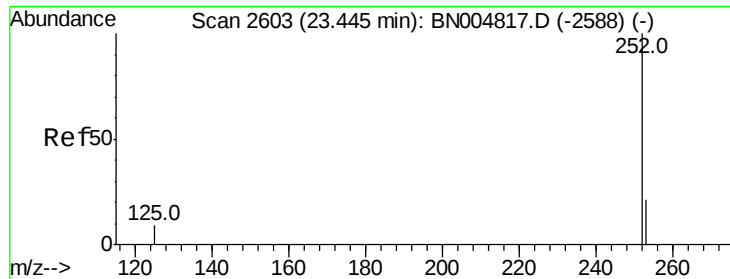
Tot Ion:252 Resp: 30544
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.4
125 9.0 7.4 11.2



#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.91 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BN004853.D
Acq: 21 Mar 2019 17:01

Tgt Ion:252 Resp: 29924
Ion Ratio Lower Upper
252 100
253 23.5 19.3 28.9
125 9.1 7.4 11.0

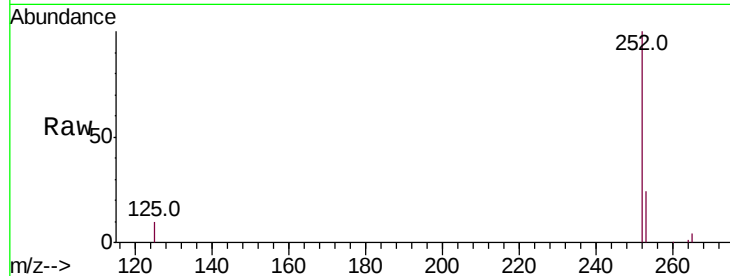




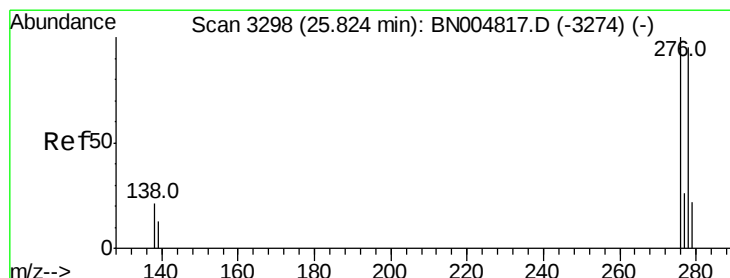
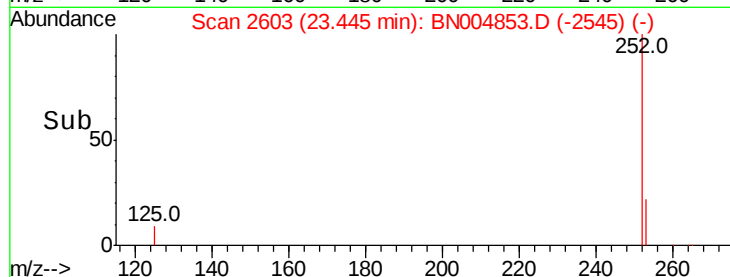
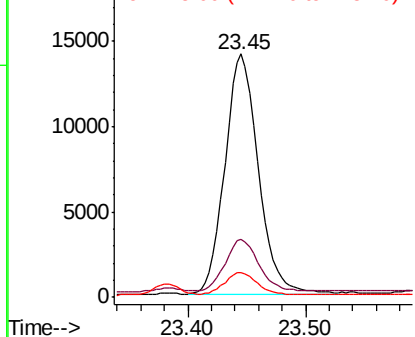
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.45 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN004853.D
Acq: 21 Mar 2019 17:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 27712
Ion Ratio Lower Upper
252 100
253 24.0 19.7 29.5
125 10.2 8.3 12.5

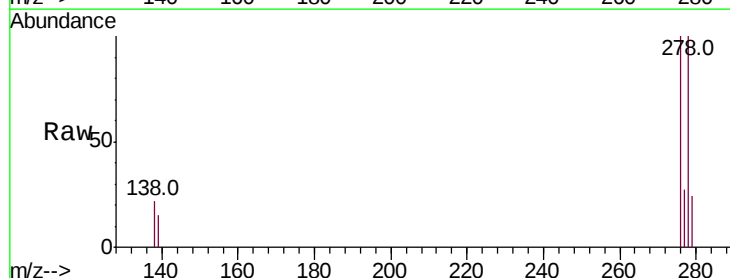


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

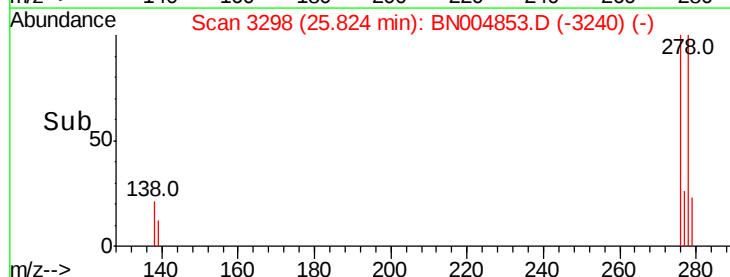
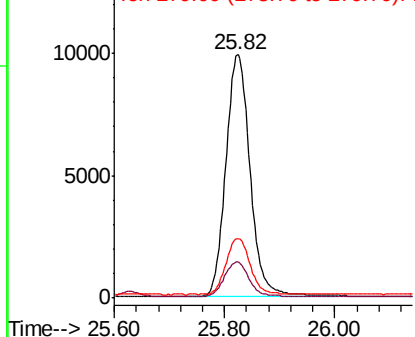


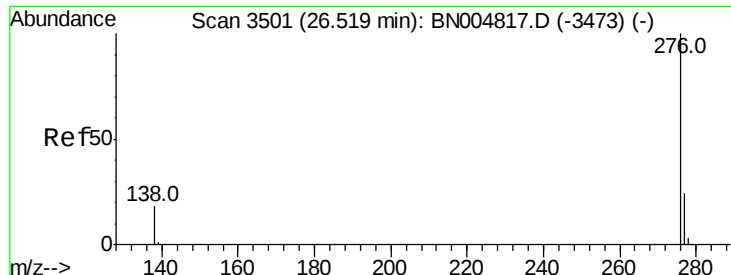
#38
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 25.82 min Scan# 3298
Delta R.T. -0.00 min
Lab File: BN004853.D
Acq: 21 Mar 2019 17:01

Tgt Ion:278 Resp: 30316
Ion Ratio Lower Upper
278 100
139 14.8 11.7 17.5
279 24.5 19.9 29.9



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: 0.369 ng

RT: 26.52 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BN004853.D

Acq: 21 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

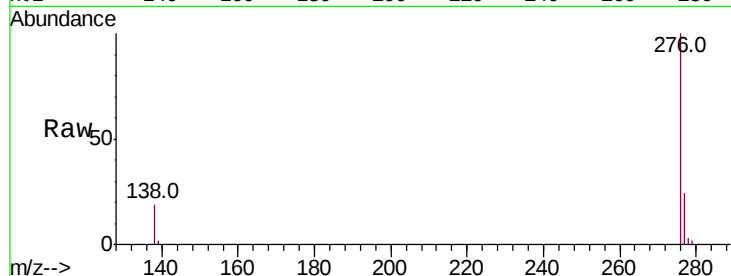
Tot Ion:276 Resp: 30197

Ion Ratio Lower Upper

276 100

277 24.0 19.7 29.5

138 18.6 14.6 22.0



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

