

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\
 Data File : BN004902.D
 Acq On : 23 Mar 2019 01:30
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 23 02:50:12 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	7.69	152	2675	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	11626	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	7132	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	17607	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	22457	0.40	ng	-0.01
34) Perylene-d12	23.53	264	23486	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	2951	0.41	ng	0.00
5) Phenol-d6	6.87	99	3639	0.40	ng	0.00
8) Nitrobenzene-d5	8.86	82	3089	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	8179	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1599	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	12283	0.42	ng	-0.01
25) Fluoranthene-d10	19.12	212	22805	0.39	ng	-0.01
29) Terphenyl-d14	19.72	244	19002	0.41	ng	-0.01

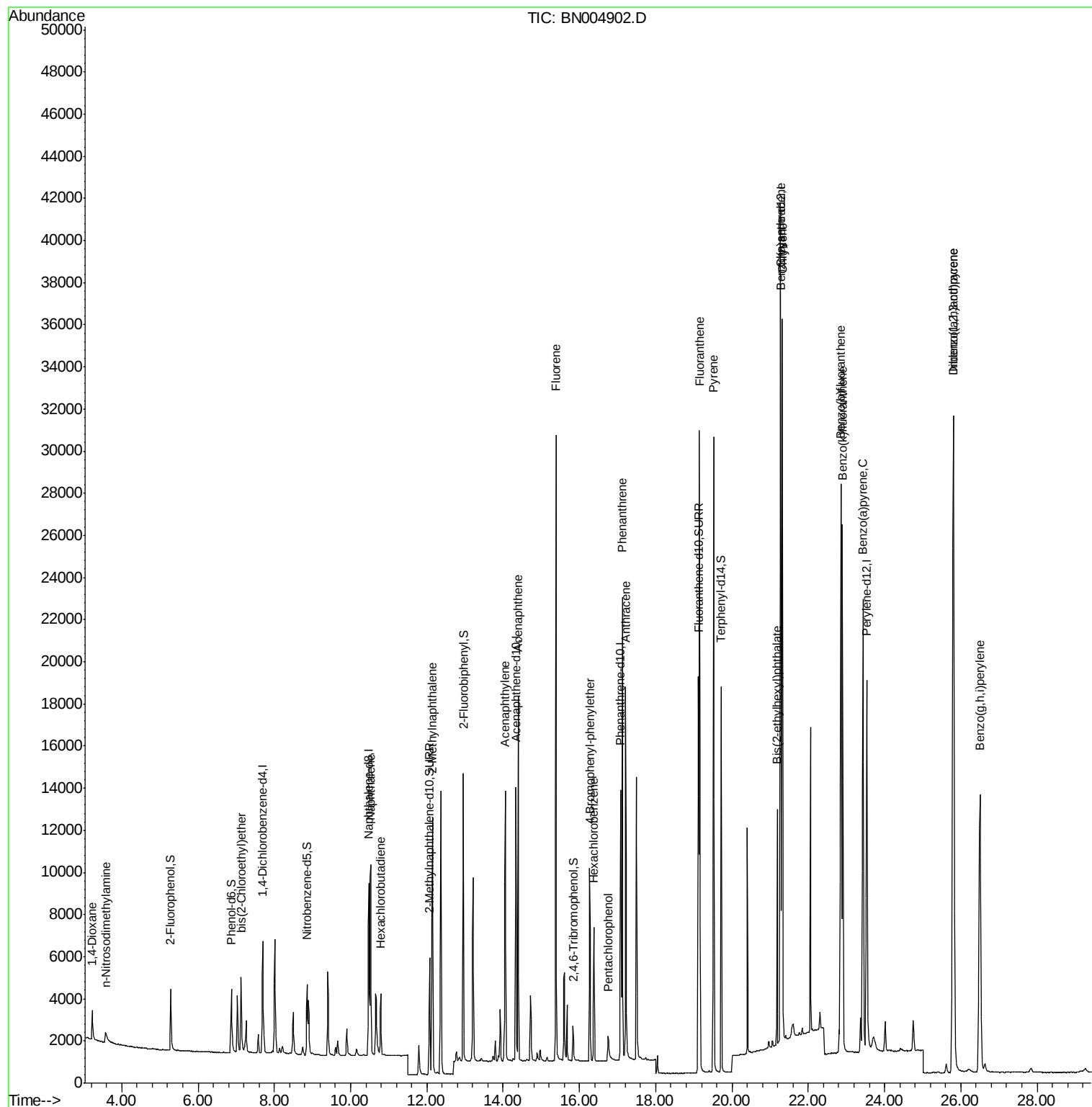
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	1268	0.417	ng	99
3) n-Nitrosodimethylamine	3.58	42	539	0.300	ng	# 98
6) bis(2-Chloroethyl)ether	7.13	93	3357	0.411	ng	97
9) Naphthalene	10.53	128	13399	0.411	ng	98
10) Hexachlorobutadiene	10.80	225	2438	0.392	ng	# 98
12) 2-Methylnaphthalene	12.15	142	9719	0.401	ng	99
16) Acenaphthylene	14.05	152	14723	0.401	ng	100
17) Acenaphthene	14.39	154	9783	0.407	ng	99
18) Fluorene	15.38	166	13261	0.395	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	4487	0.390	ng	95
21) Hexachlorobenzene	16.38	284	5038	0.383	ng	95
22) Pentachlorophenol	16.75	266	918	0.357	ng	98
23) Phenanthrene	17.12	178	22509	0.396	ng	99
24) Anthracene	17.22	178	19369	0.381	ng	100
26) Fluoranthene	19.15	202	27391	0.375	ng	99
28) Pyrene	19.52	202	28113	0.411	ng	100
30) Benzo(a)anthracene	21.27	228	29055	0.394	ng	100
31) Chrysene	21.32	228	31060	0.400	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	10705	0.364	ng	99
33) Indeno(1,2,3-cd)pyrene	25.80	276	37020	0.330	ng	98
35) Benzo(b)fluoranthene	22.85	252	33686	0.396	ng	99
36) Benzo(k)fluoranthene	22.90	252	31742	0.380	ng	99
37) Benzo(a)pyrene	23.43	252	30069	0.386	ng	99
38) Dibenzo(a,h)anthracene	25.81	278	30696	0.340	ng	99
39) Benzo(g,h,i)perylene	26.50	276	29588	0.322	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

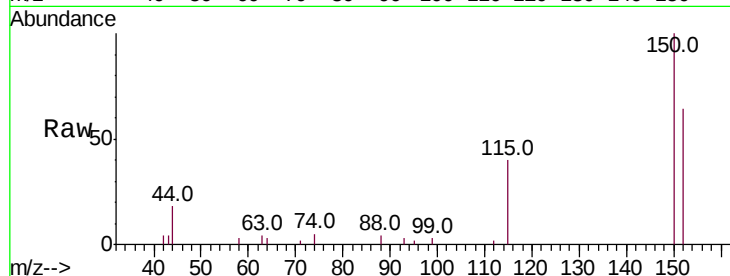
Tot Ion:152 Resp: 2675

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.4

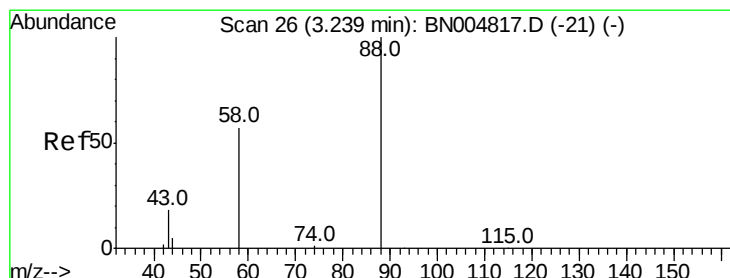
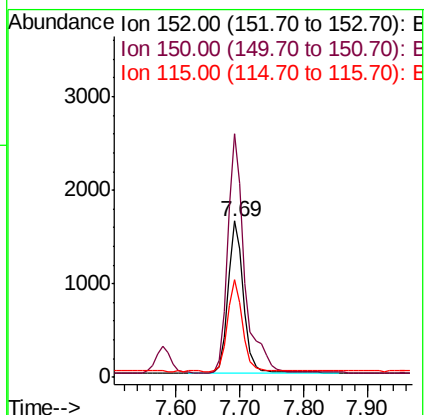
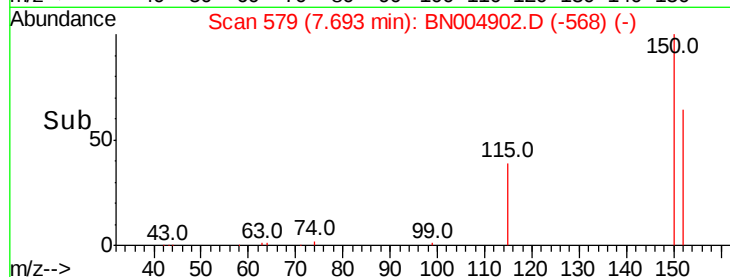
115 62.5 52.6 79.0



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: 0.417 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

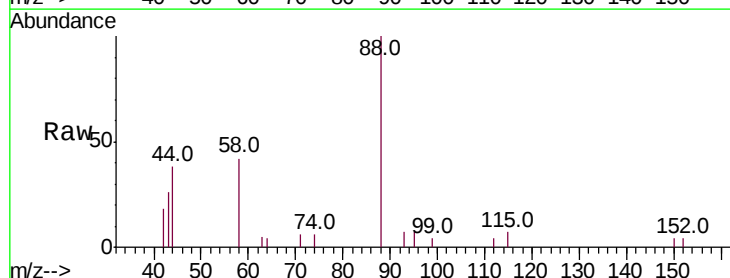
Tgt Ion: 88 Resp: 1268

Ion Ratio Lower Upper

88 100

58 64.5 51.4 77.2

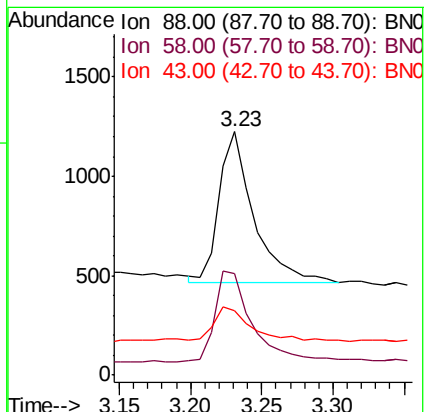
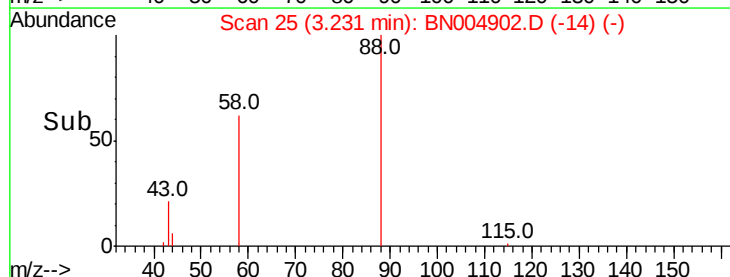
43 23.9 20.0 30.0



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



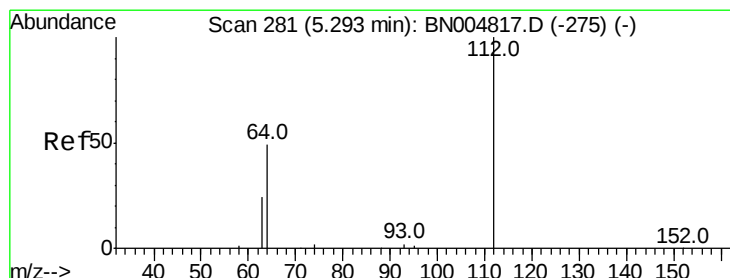
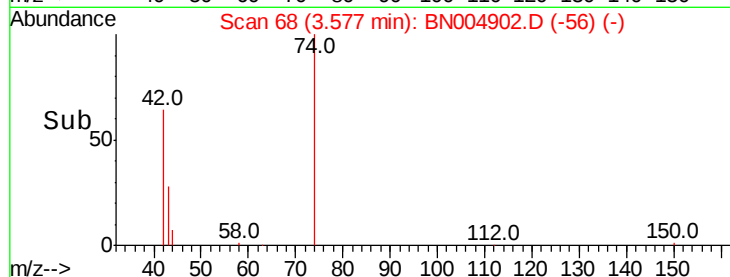
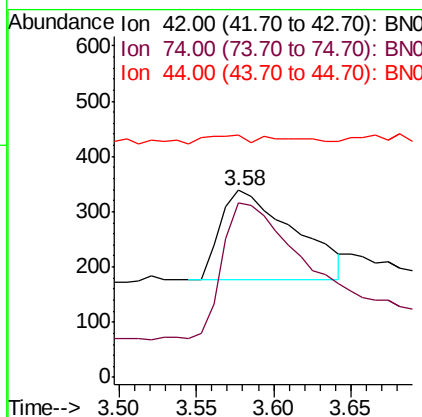
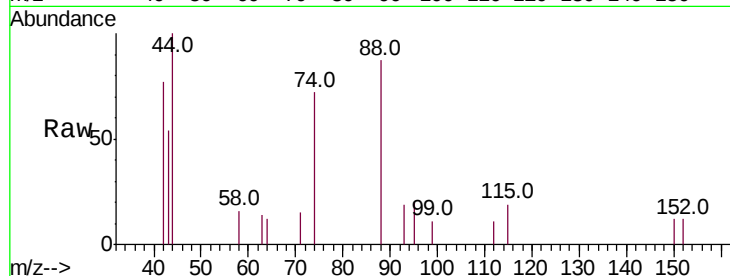


#3

n-Nitrosodimethylamine
 Concen: 0.300 ng
 RT: 3.58 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BN004902.D
 Acq: 23 Mar 2019 01:30

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

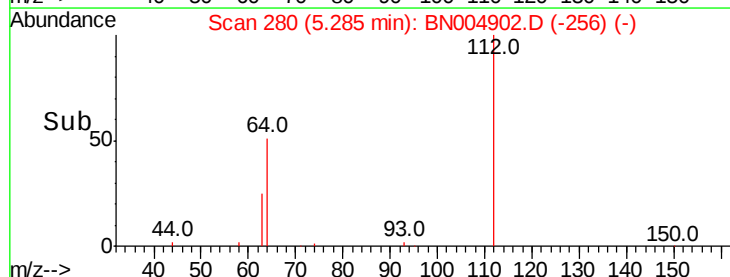
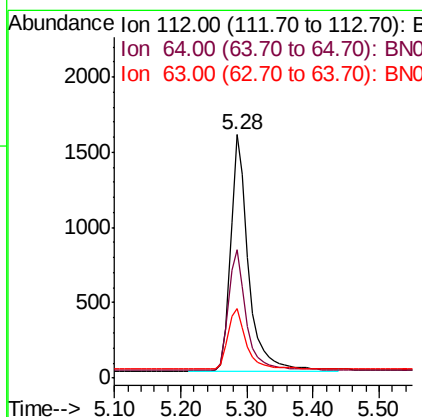
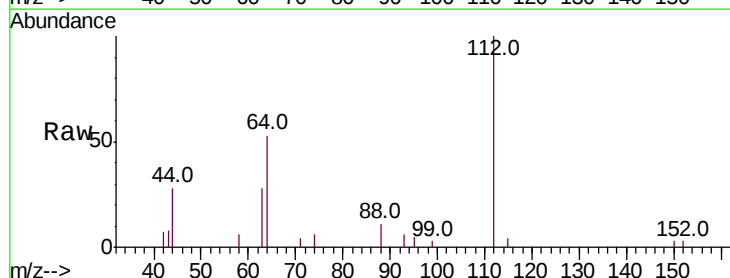
Tot Ion: 42 Resp: 539
 Ion Ratio Lower Upper
 42 100
 74 162.7 128.4 192.6
 44 5.4 6.1 9.1#

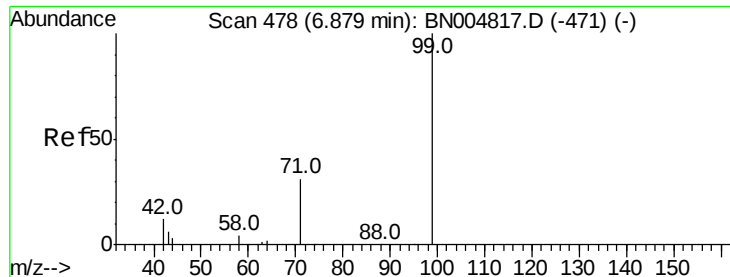


#4

2-Fluorophenol
 Concen: 0.406 ng
 RT: 5.28 min Scan# 280
 Delta R.T. -0.01 min
 Lab File: BN004902.D
 Acq: 23 Mar 2019 01:30

Tgt Ion: 112 Resp: 2951
 Ion Ratio Lower Upper
 112 100
 64 51.3 40.0 60.0
 63 26.2 20.2 30.2





#5

Phenol-d6

Concen: 0.402 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

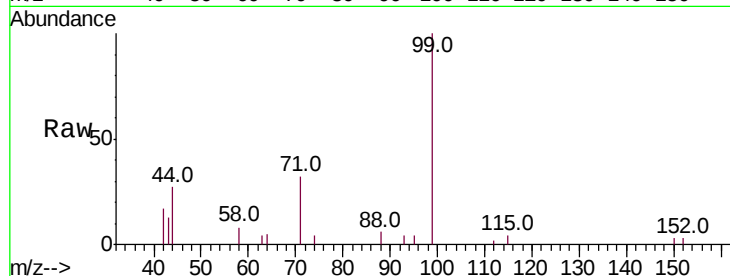
Tot Ion: 99 Resp: 3639

Ion Ratio Lower Upper

99 100

42 15.4 12.7 19.1

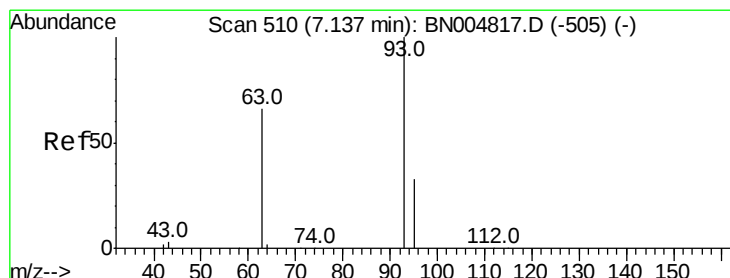
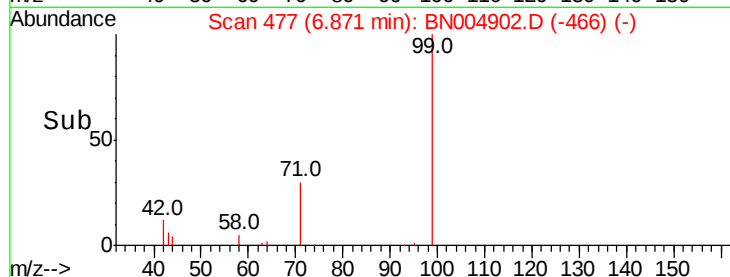
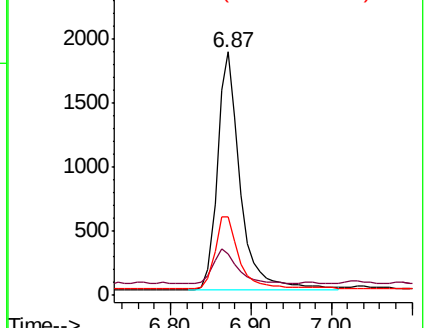
71 32.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.411 ng

RT: 7.13 min Scan# 509

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

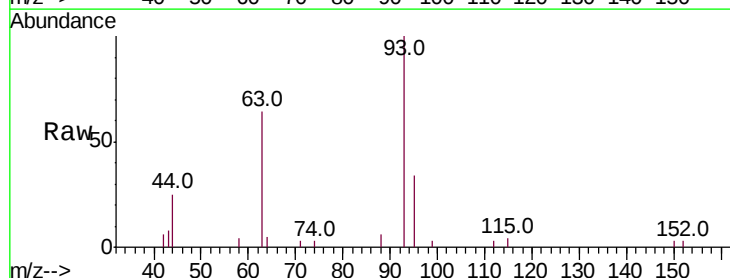
Tgt Ion: 93 Resp: 3357

Ion Ratio Lower Upper

93 100

63 63.6 52.6 78.8

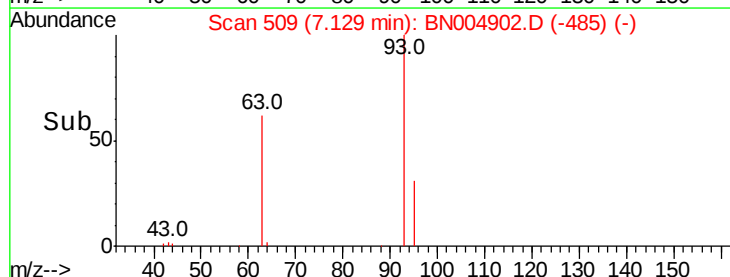
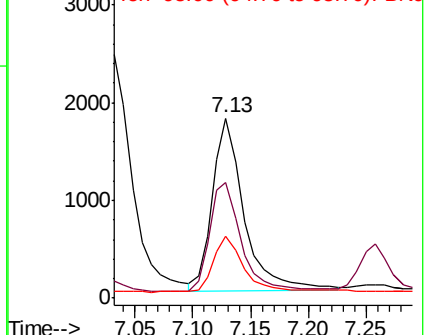
95 30.6 25.9 38.9

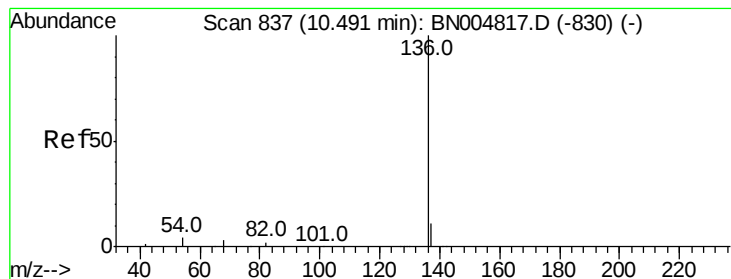


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 11626

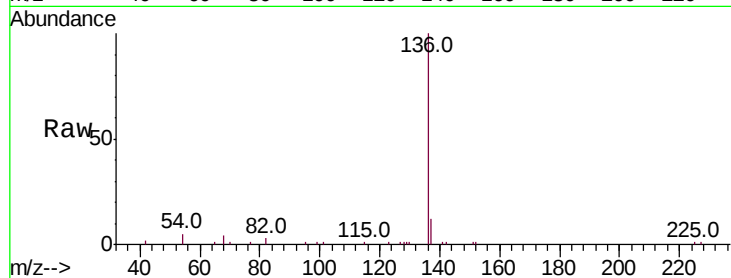
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 5.0 4.2 6.2

68 4.3 3.9 5.9

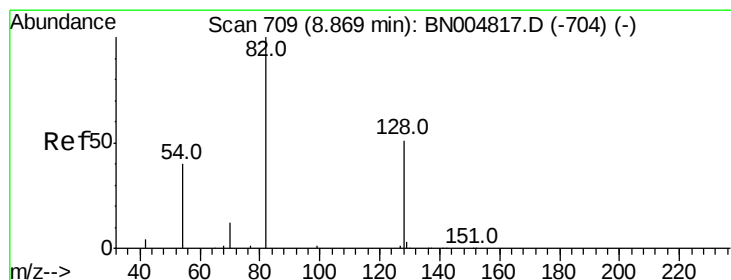
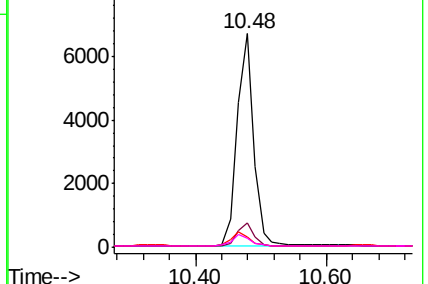
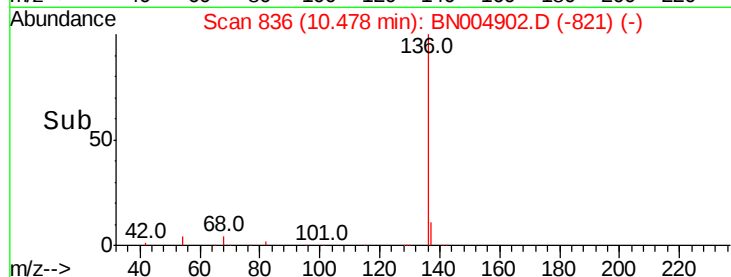


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

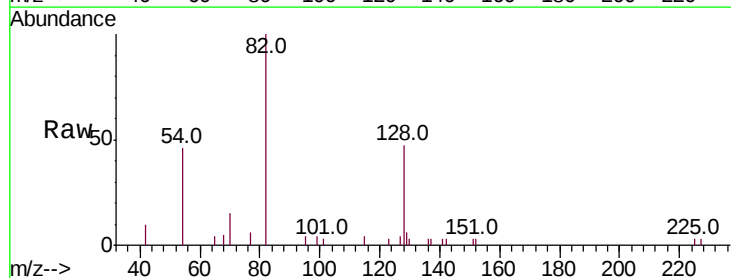
Tgt Ion: 82 Resp: 3089

Ion Ratio Lower Upper

82 100

128 47.4 43.0 64.6

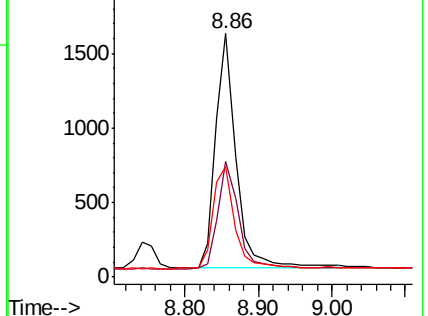
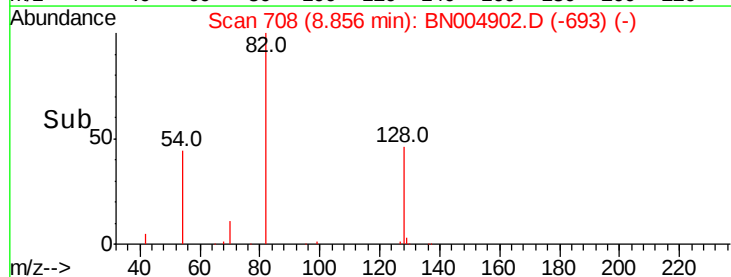
54 45.7 35.3 52.9

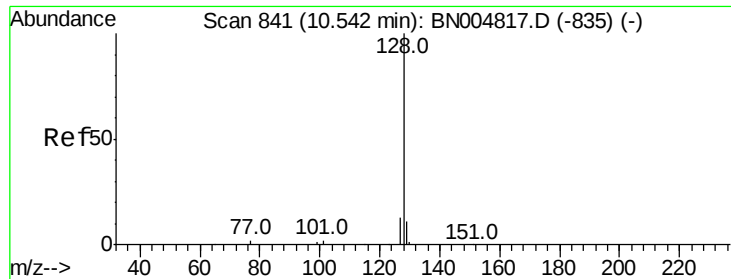


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.411 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

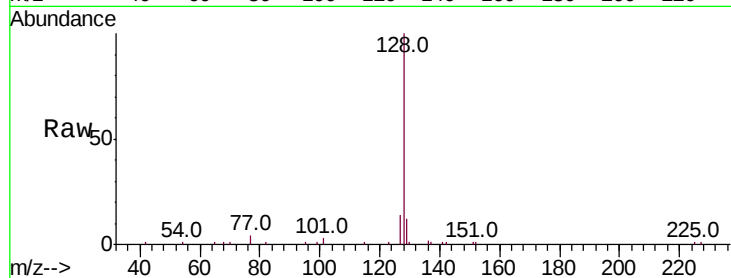
Tot Ion:128 Resp: 13399

Ion Ratio Lower Upper

128 100

129 11.6 9.9 14.9

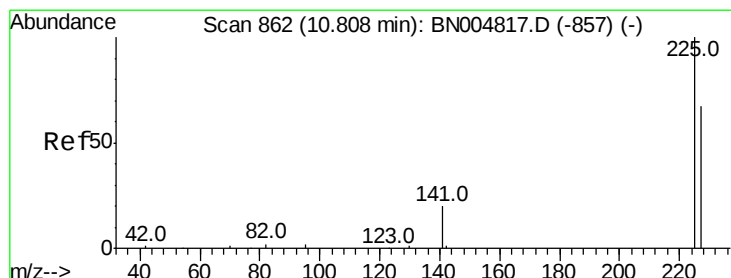
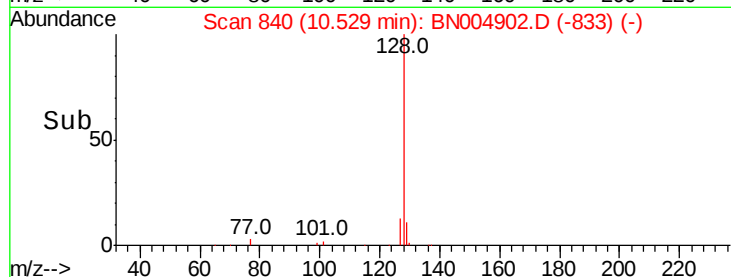
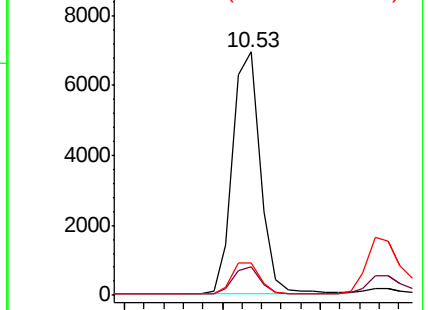
127 13.5 11.3 16.9



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: 0.392 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

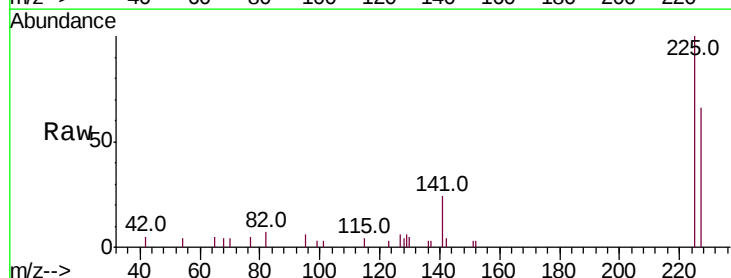
Tgt Ion:225 Resp: 2438

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

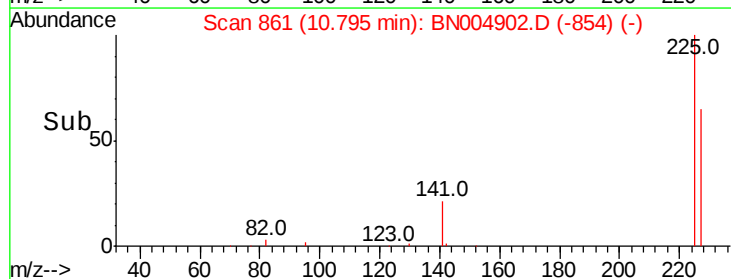
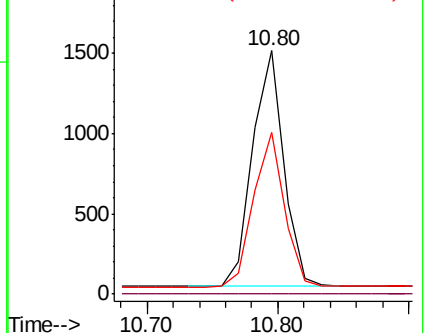
227 64.1 52.2 78.4

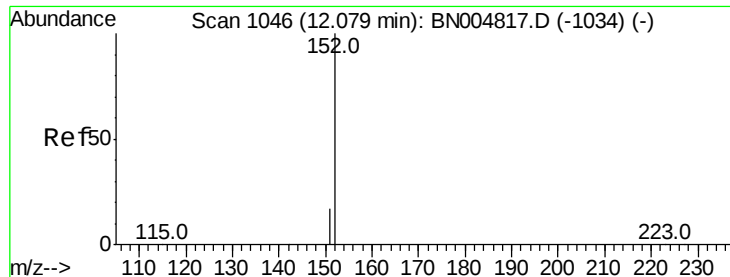


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

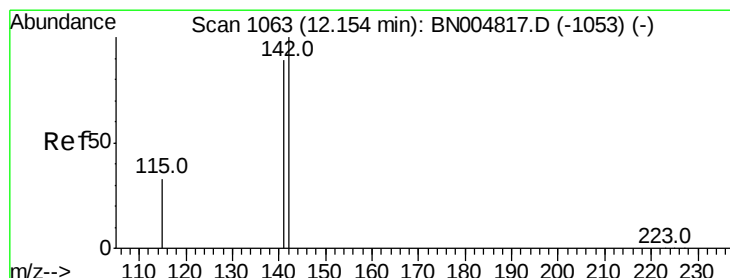
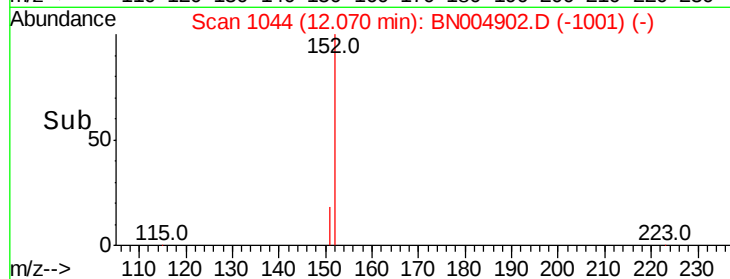
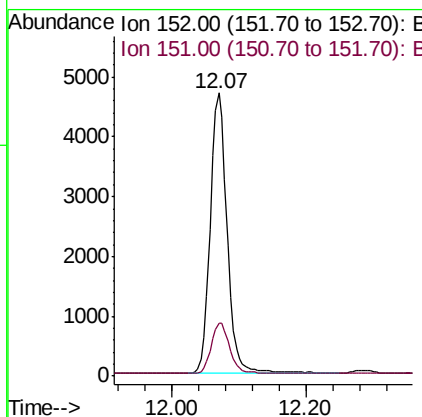
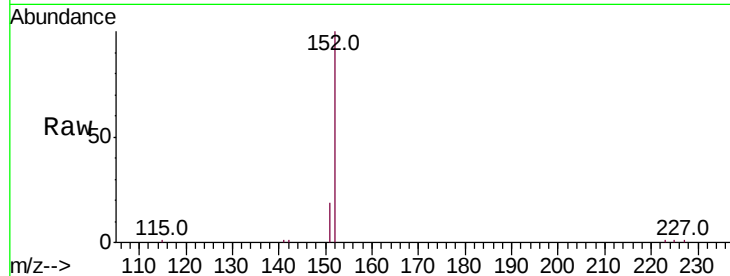




#11
 2-Methylnaphthalene-d10
 Concen: 0.403 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BN004902.D
 Acq: 23 Mar 2019 01:30

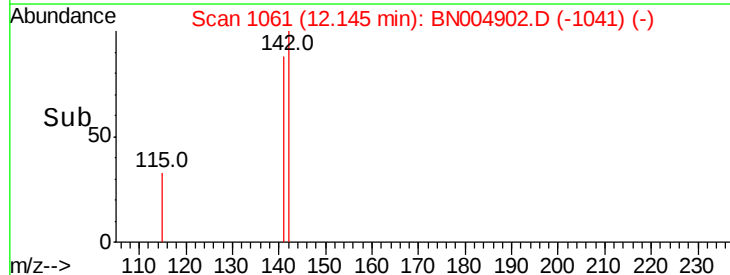
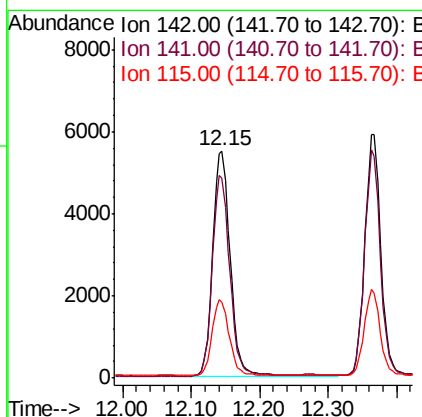
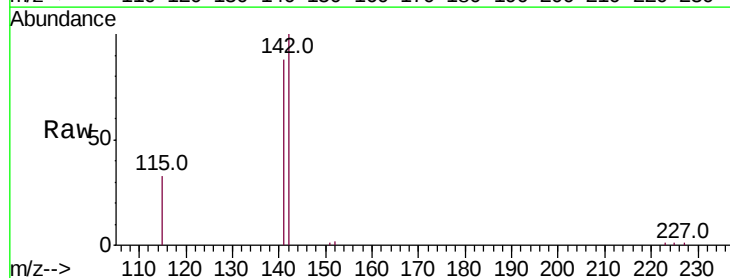
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

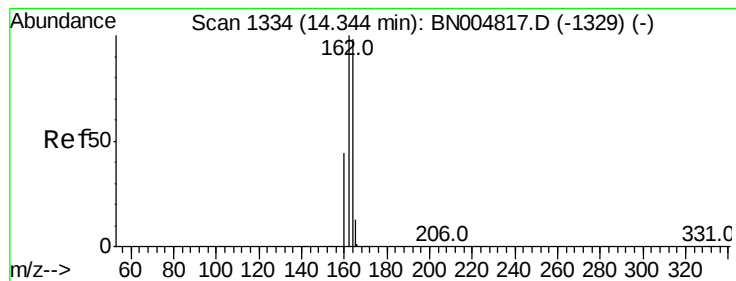
Tot Ion:152 Resp: 8179
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.401 ng
 RT: 12.15 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BN004902.D
 Acq: 23 Mar 2019 01:30

Tgt Ion:142 Resp: 9719
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.4 107.2
 115 33.5 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

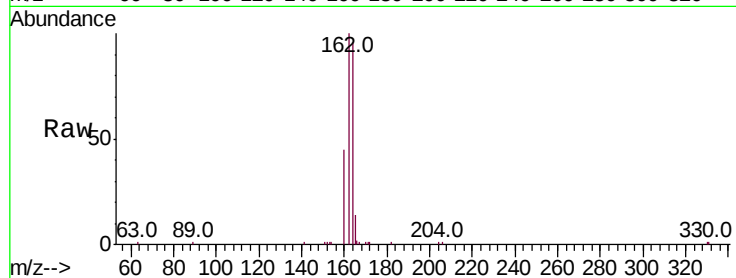
Tot Ion:164 Resp: 7132

Ion Ratio Lower Upper

164 100

162 103.9 81.9 122.9

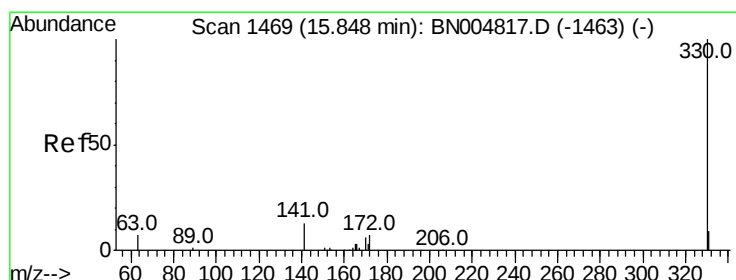
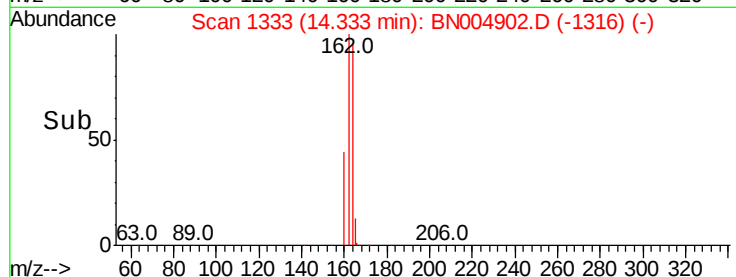
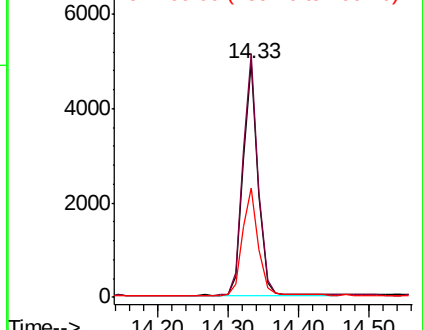
160 46.3 36.6 54.8



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: 0.325 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

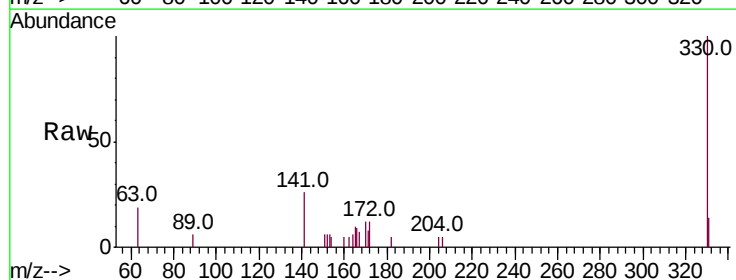
Tgt Ion:330 Resp: 1599

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

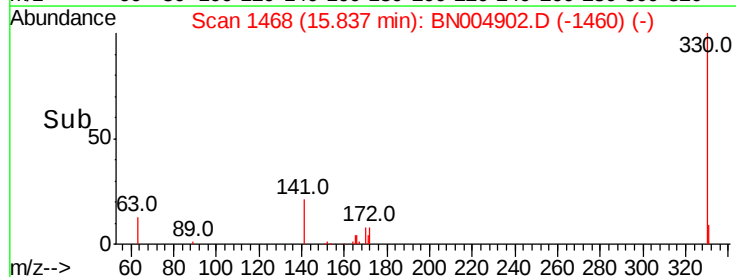
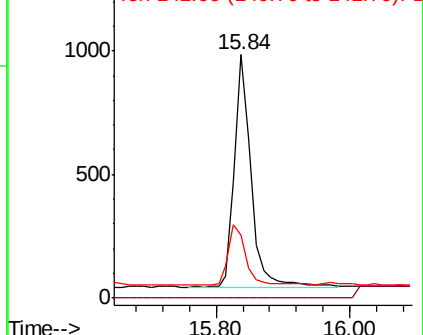
141 27.0 20.9 31.3



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

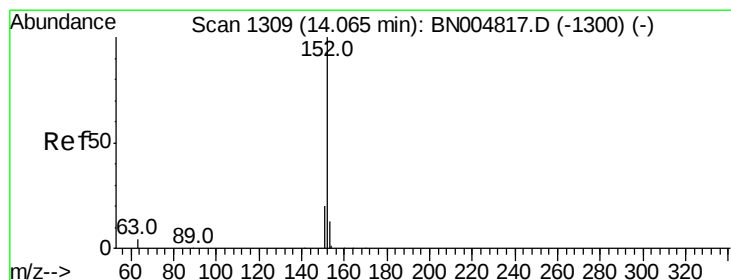
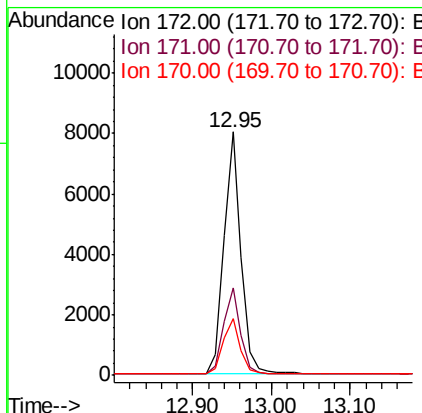
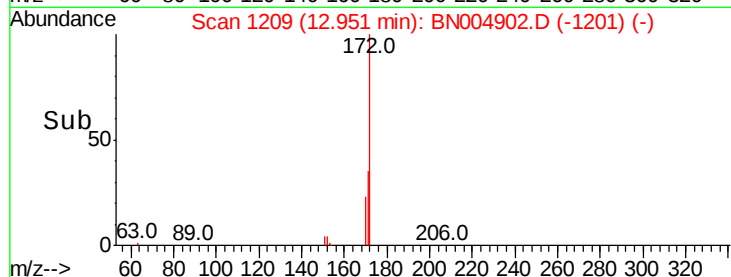
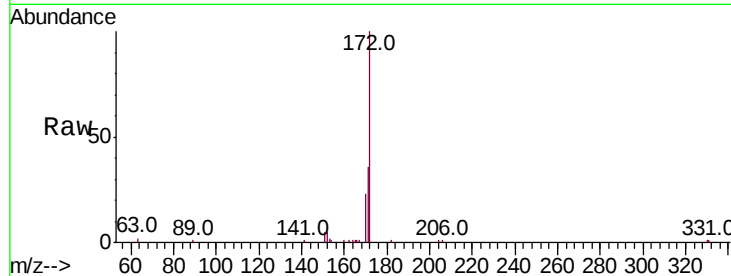




#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004902.D
Acq: 23 Mar 2019 01:30

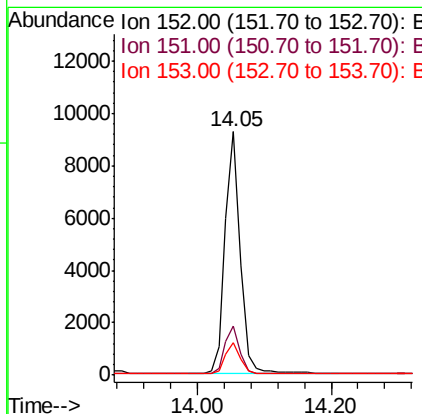
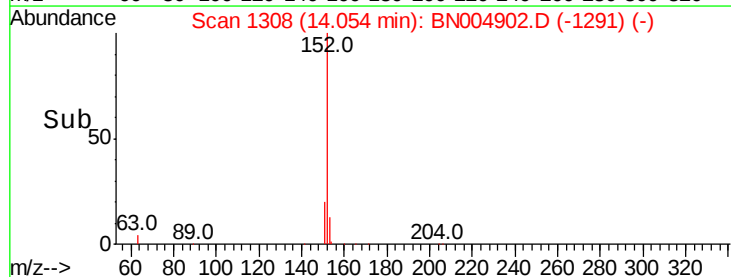
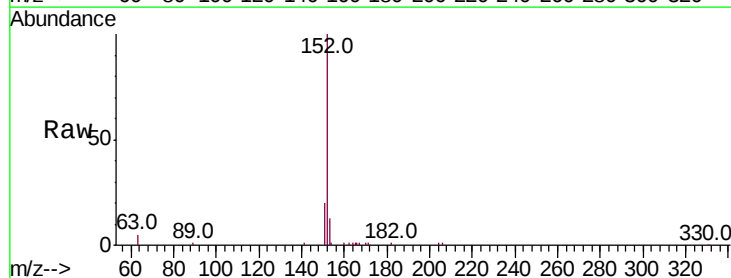
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 12283
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.3 18.7 28.1



#16
Acenaphthylene
Concen: 0.401 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004902.D
Acq: 23 Mar 2019 01:30

Tgt Ion:152 Resp: 14723
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

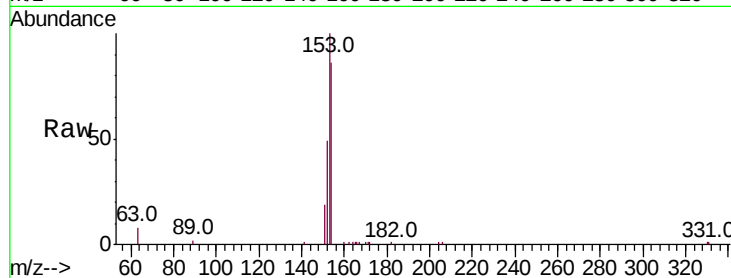
Tot Ion:154 Resp: 9783

Ion Ratio Lower Upper

154 100

153 113.8 91.4 137.2

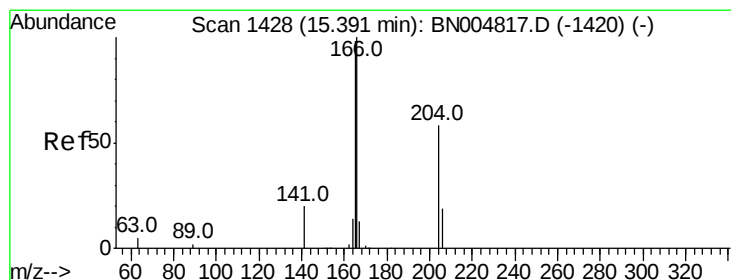
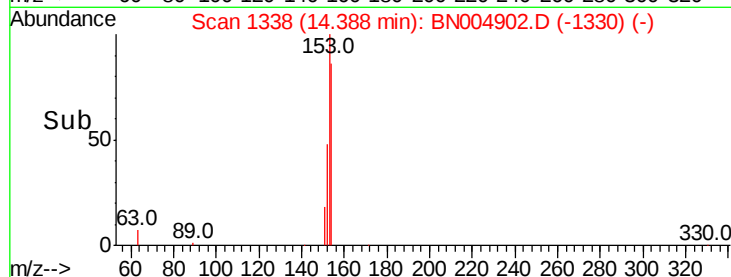
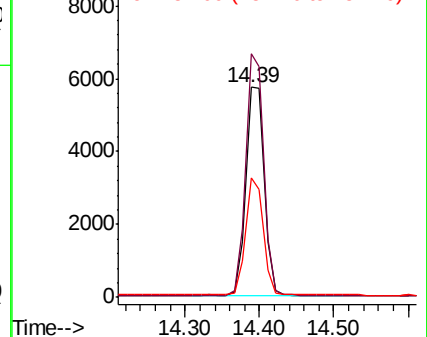
152 54.4 44.2 66.2



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: 0.395 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

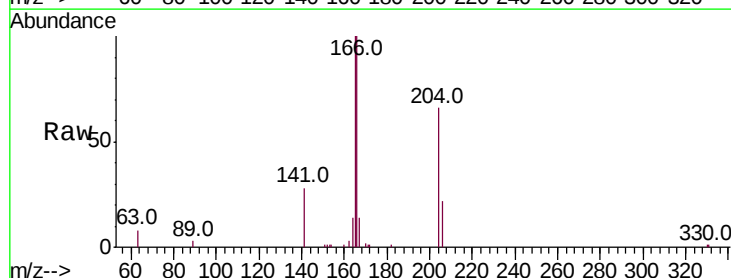
Tgt Ion:166 Resp: 13261

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.4

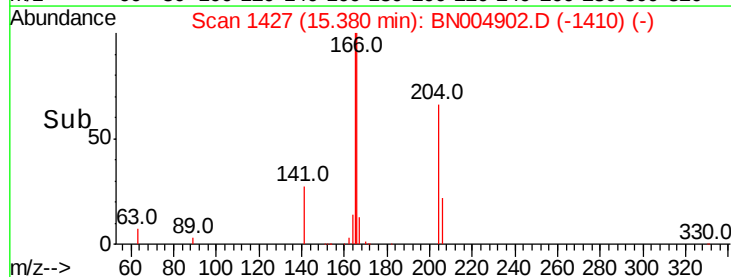
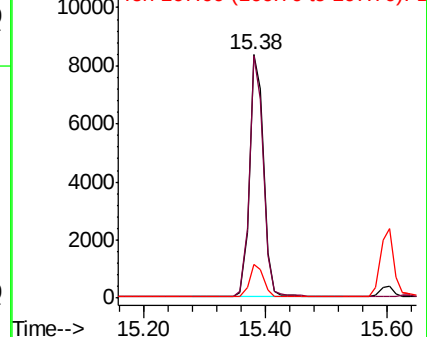
167 13.4 11.0 16.4

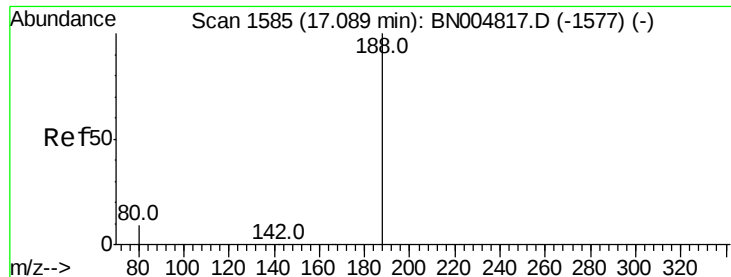


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

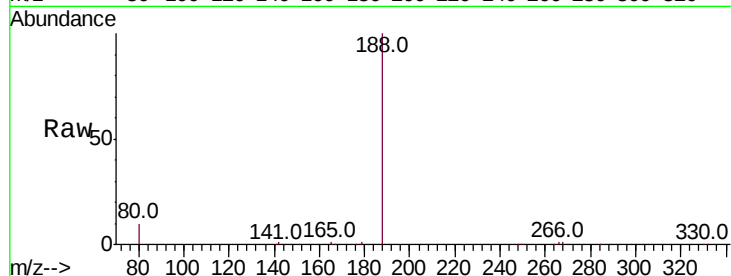
Tot Ion:188 Resp: 17607

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

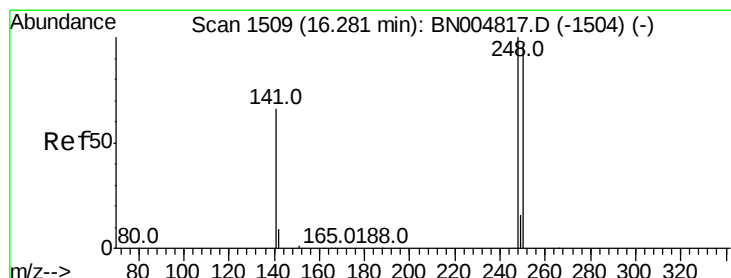
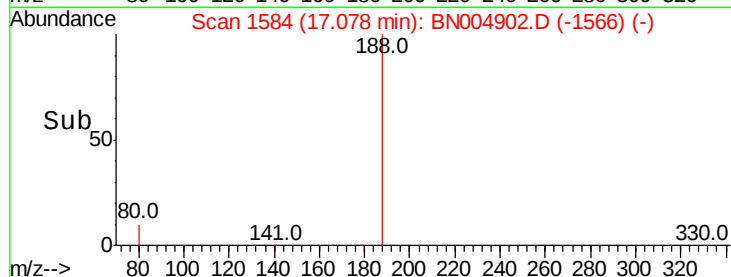
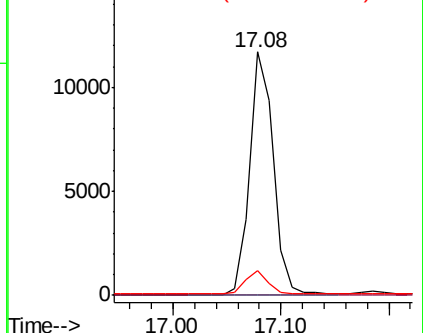
80 10.2 7.4 11.2



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: 0.390 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

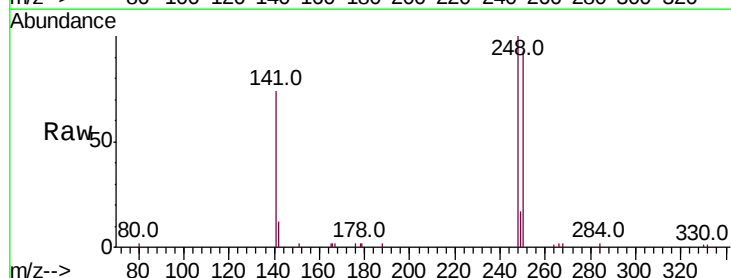
Tgt Ion:248 Resp: 4487

Ion Ratio Lower Upper

248 100

250 92.8 76.2 114.4

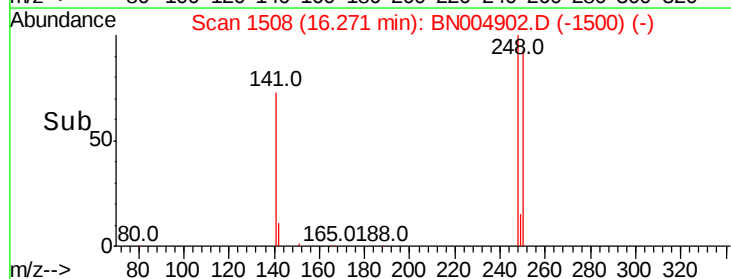
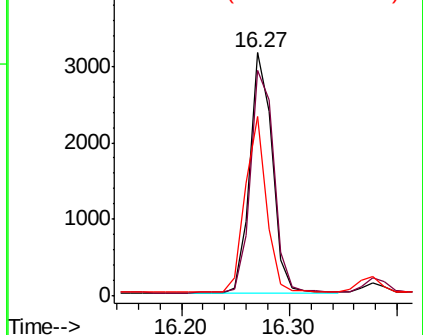
141 73.6 53.9 80.9

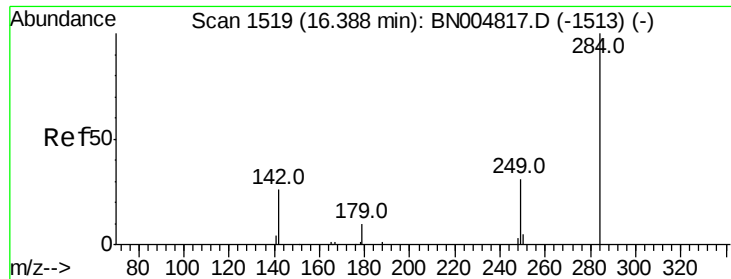


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

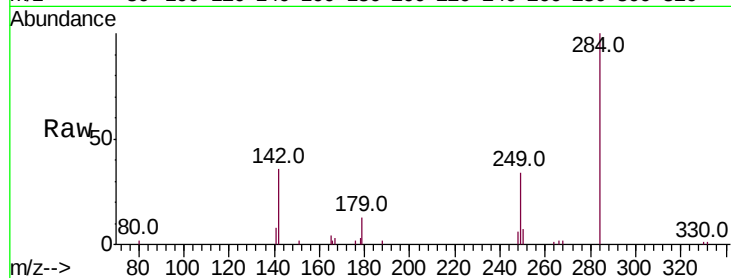




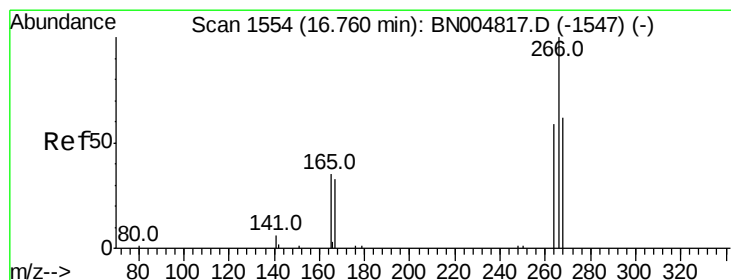
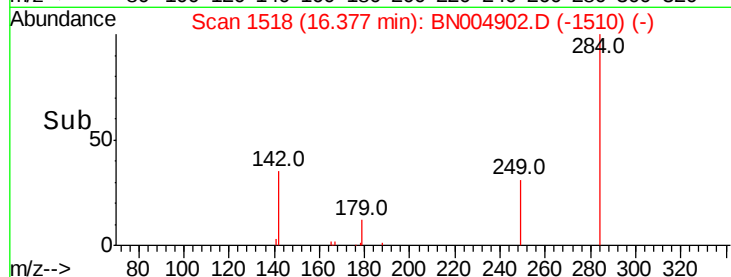
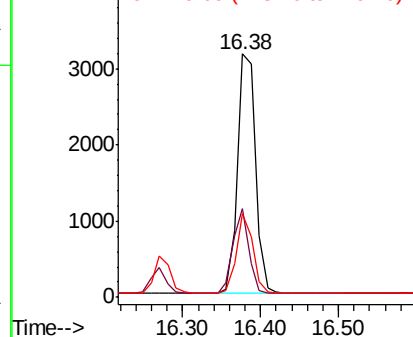
#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BN004902.D
Acq: 23 Mar 2019 01:30

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 5038
Ion Ratio Lower Upper
284 100
142 31.7 22.6 34.0
249 29.6 22.5 33.7

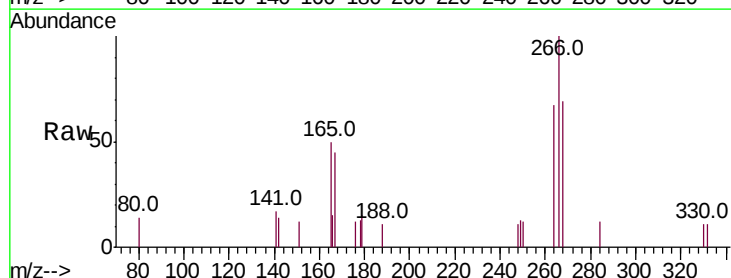


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

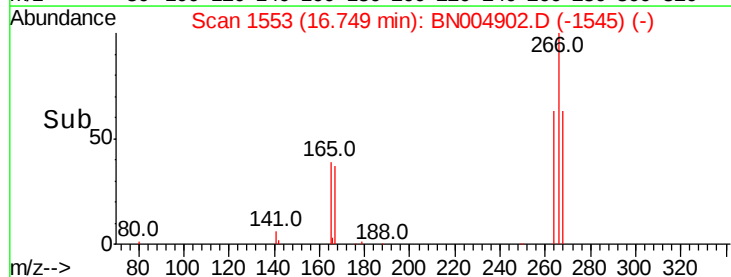
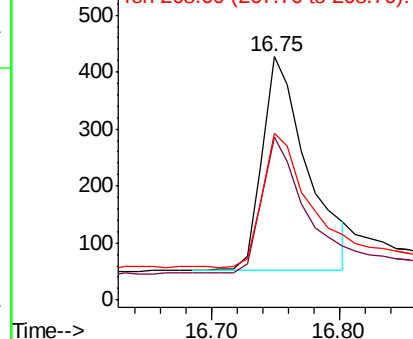


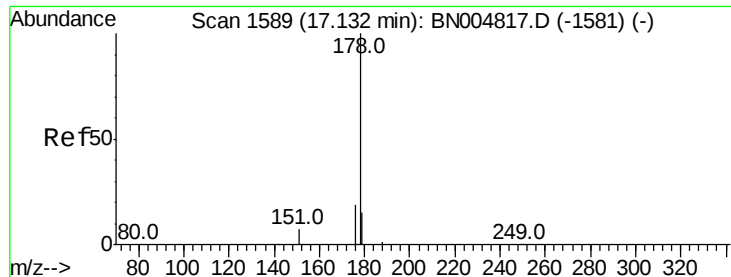
#22
Pentachlorophenol
Concen: 0.357 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004902.D
Acq: 23 Mar 2019 01:30

Tgt Ion:266 Resp: 918
Ion Ratio Lower Upper
266 100
264 66.7 53.1 79.7
268 68.6 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: 0.396 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

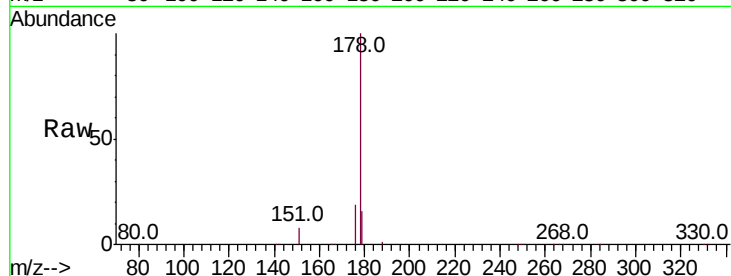
Tot Ion:178 Resp: 22509

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.4 12.1 18.1

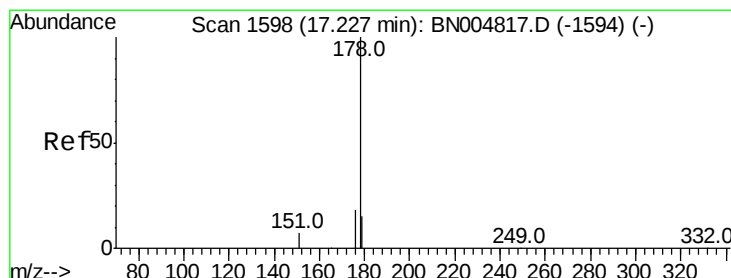
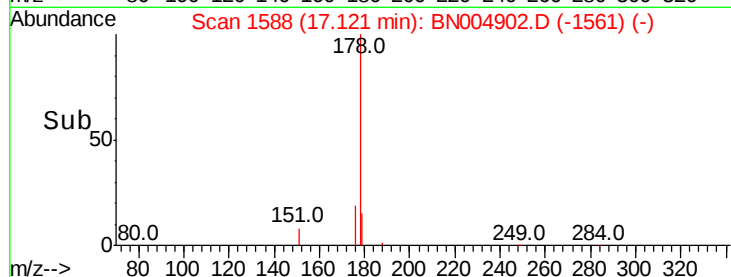
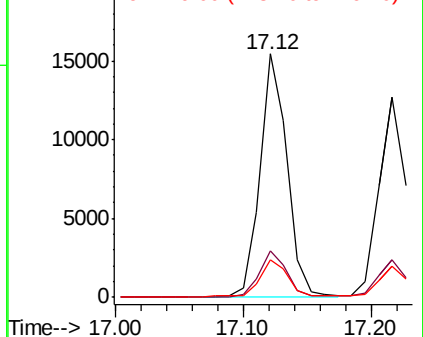


Abundance

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: 0.381 ng

RT: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

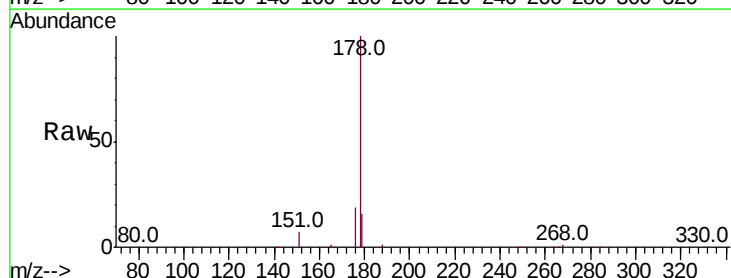
Tgt Ion:178 Resp: 19369

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 15.4 12.2 18.4

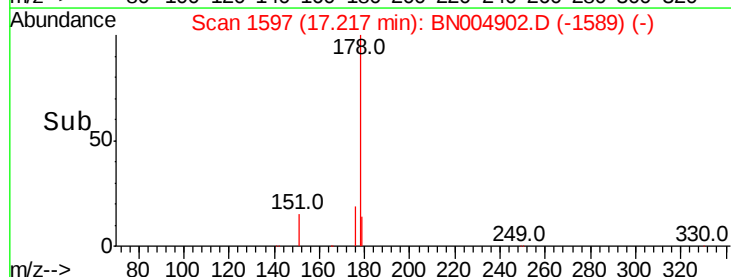
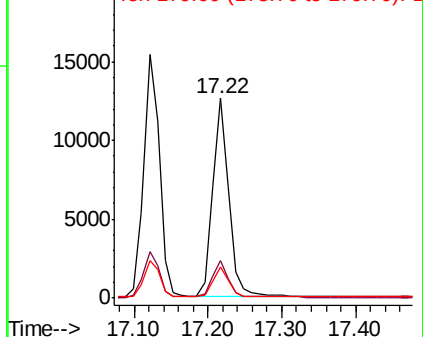


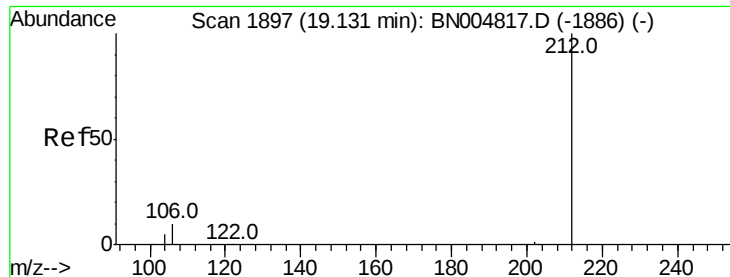
Abundance

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: 0.387 ng

RT: 19.12 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

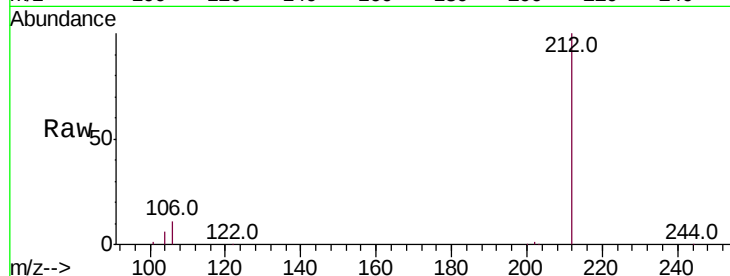
Tot Ion:212 Resp: 22805

Ion Ratio Lower Upper

212 100

106 11.5 8.6 13.0

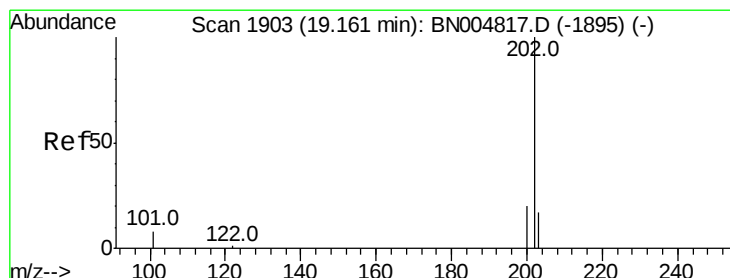
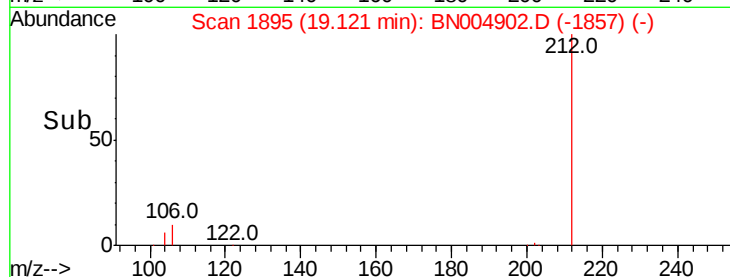
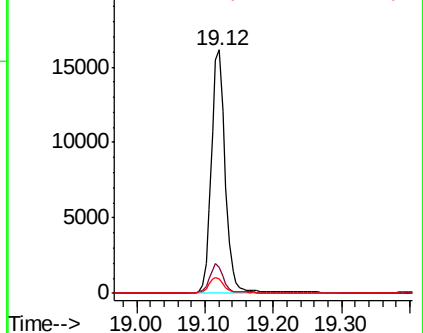
104 6.4 4.7 7.1



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: 0.375 ng

RT: 19.15 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

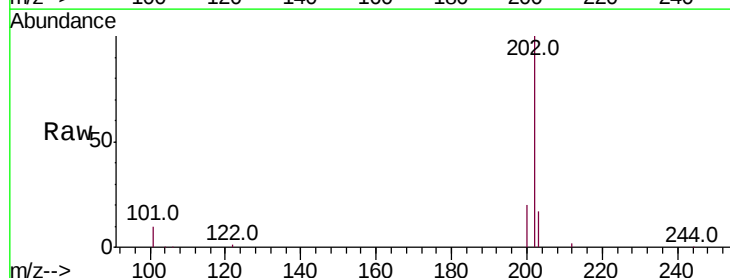
Tgt Ion:202 Resp: 27391

Ion Ratio Lower Upper

202 100

101 10.1 7.5 11.3

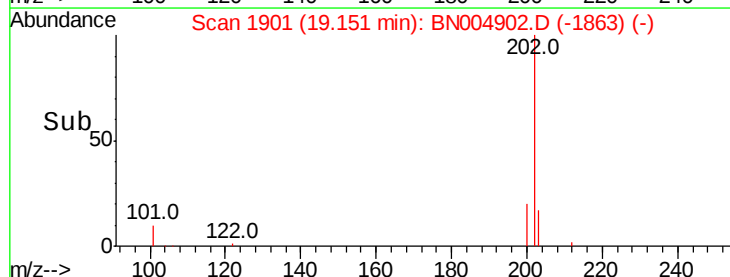
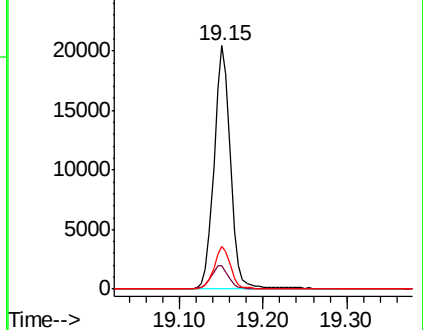
203 17.2 13.8 20.6

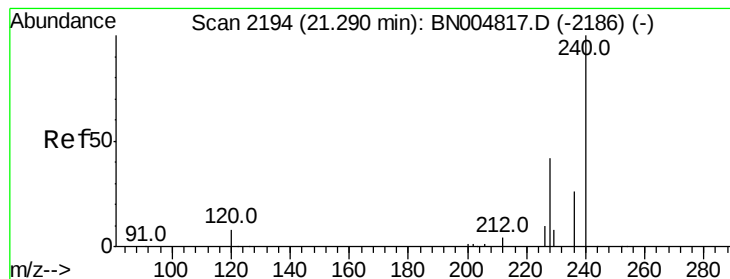


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

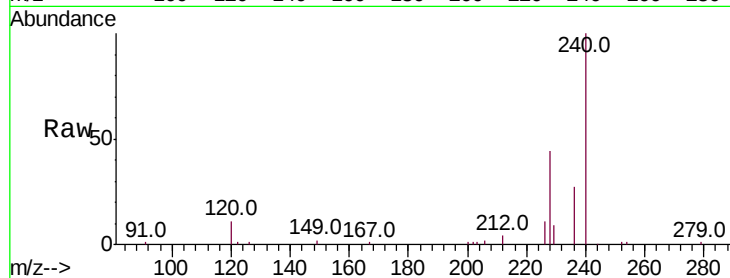
Tot Ion:240 Resp: 22457

Ion Ratio Lower Upper

240 100

120 10.9 7.2 10.8#

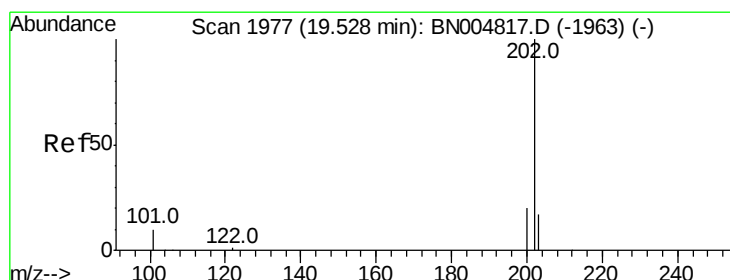
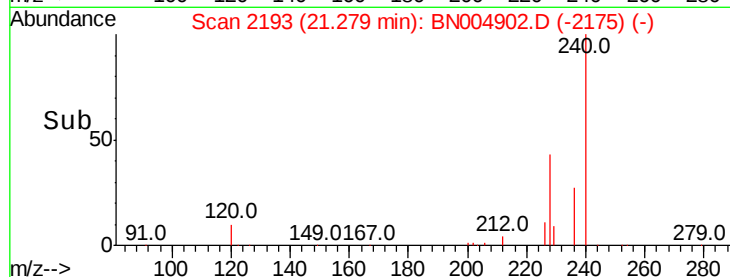
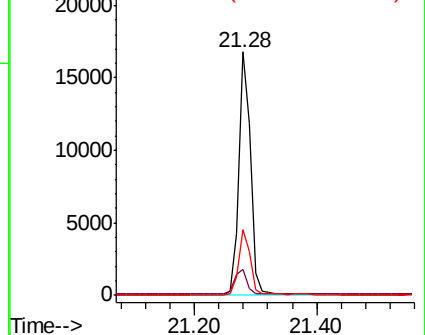
236 26.8 20.9 31.3



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: 0.411 ng

RT: 19.52 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

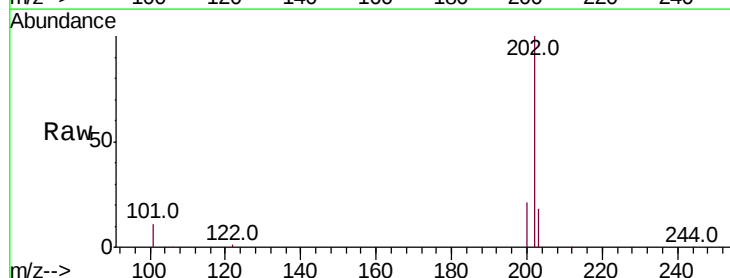
Tgt Ion:202 Resp: 28113

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

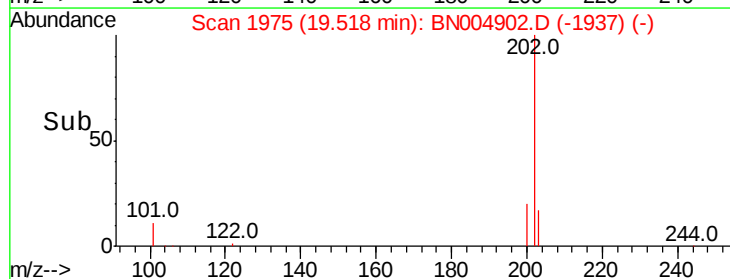
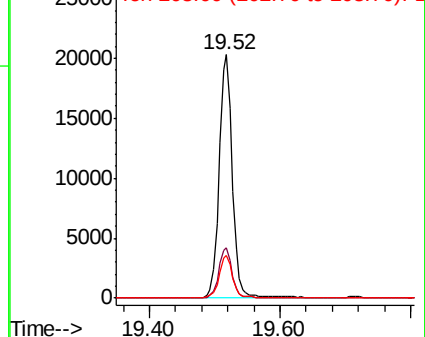
203 17.6 14.0 21.0

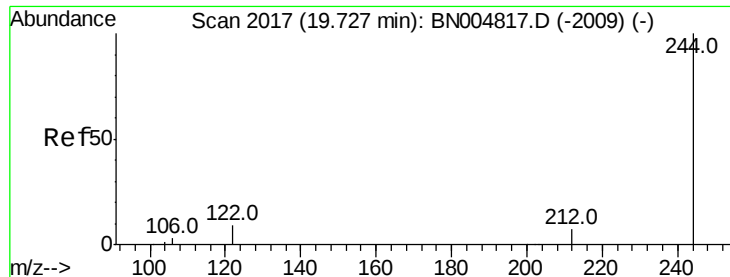


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.72 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

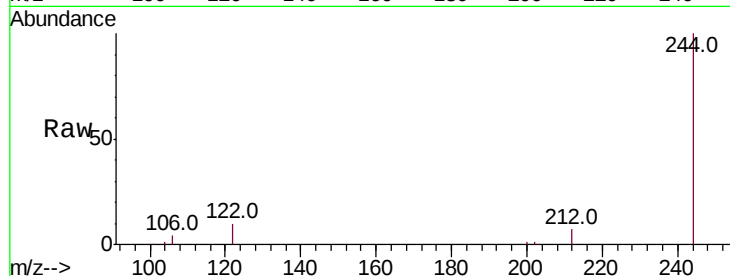
Tot Ion:244 Resp: 19002

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

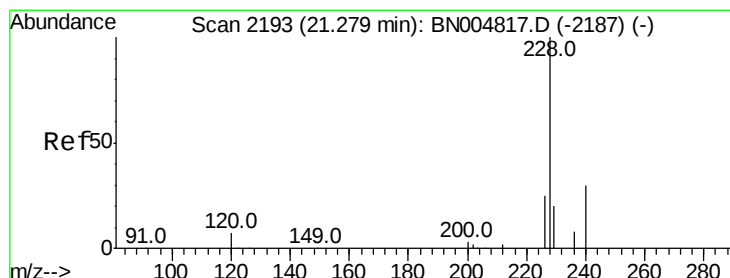
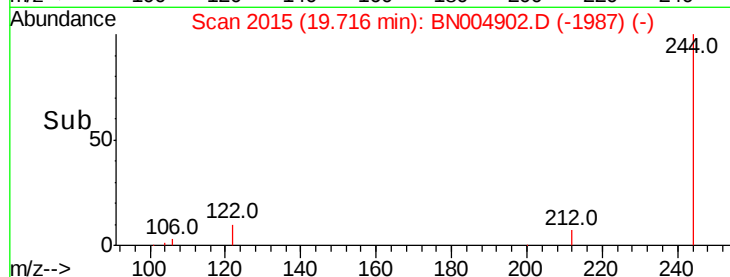
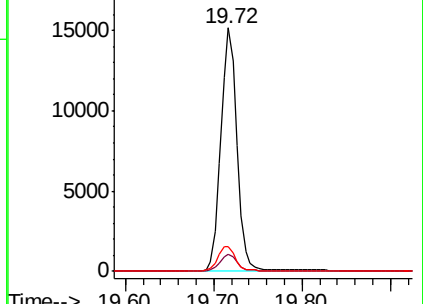
122 10.0 7.9 11.9



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: 0.394 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

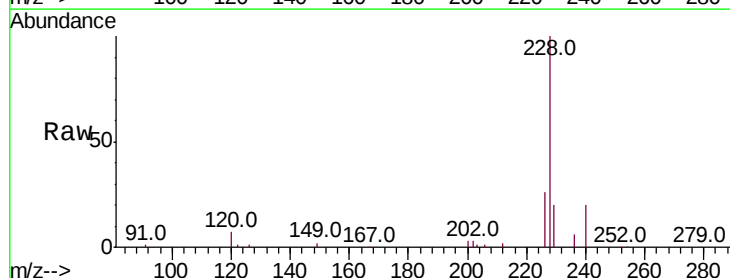
Tgt Ion:228 Resp: 29055

Ion Ratio Lower Upper

228 100

226 26.0 20.6 31.0

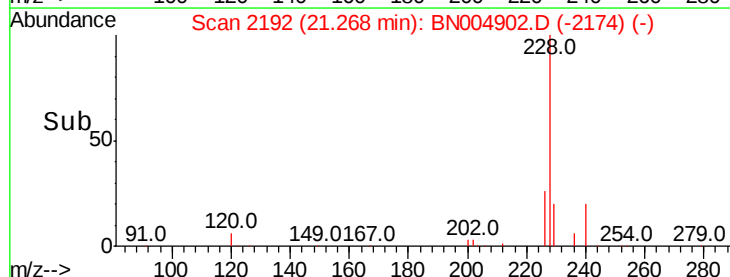
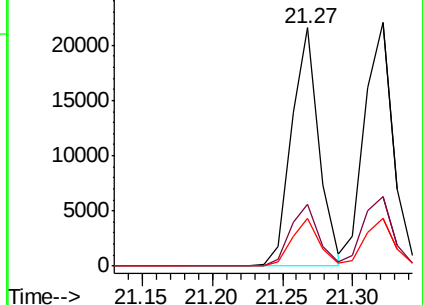
229 20.0 16.2 24.4



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: 0.400 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

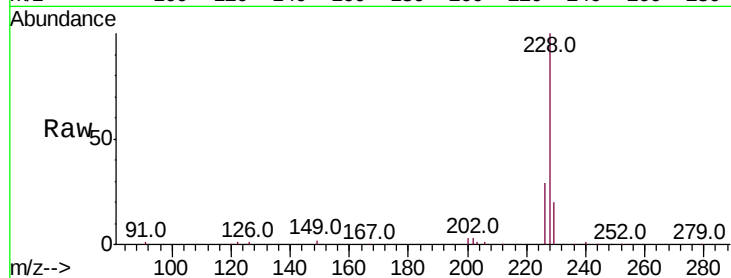
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 31060

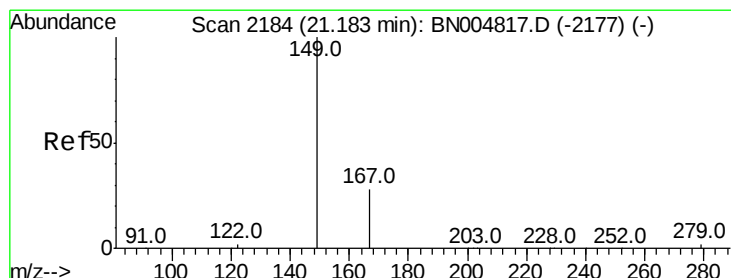
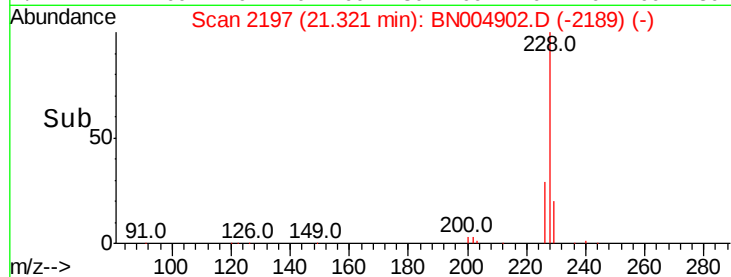
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	19.8	16.2	24.2



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: 0.364 ng

RT: 21.18 min Scan# 2184

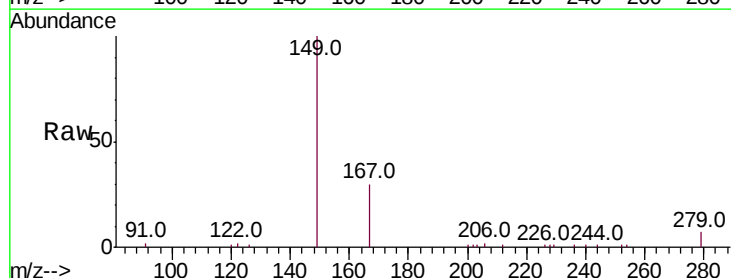
Delta R.T. -0.00 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Tgt Ion:149 Resp: 10705

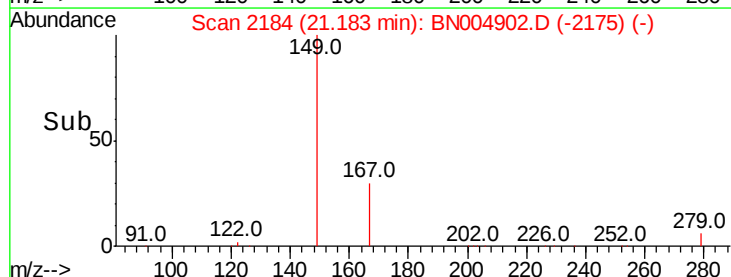
Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.4
279	5.3	4.6	6.8



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

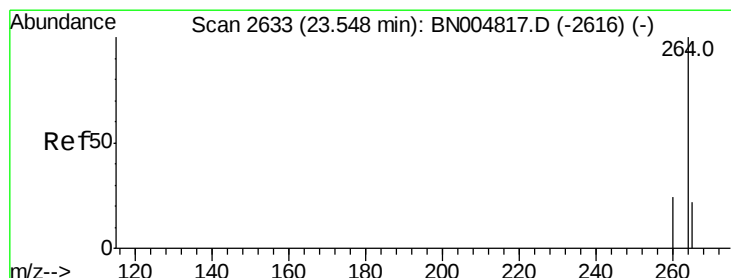
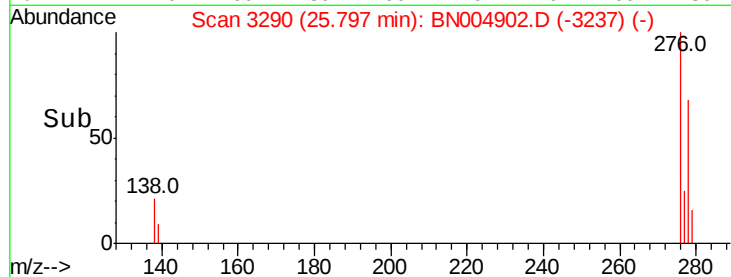
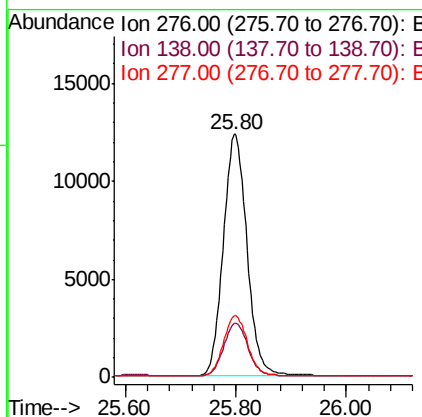
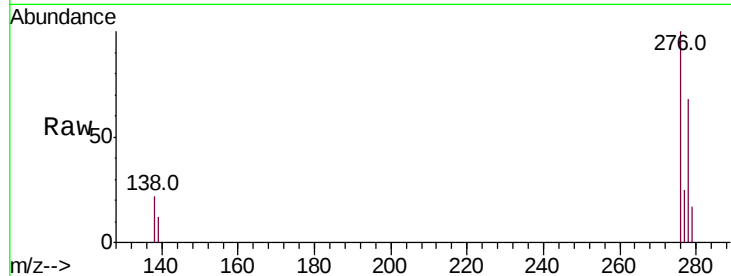




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.330 ng
 RT: 25.80 min Scan# 3290
 Delta R.T. -0.02 min
 Lab File: BN004902.D
 Acq: 23 Mar 2019 01:30

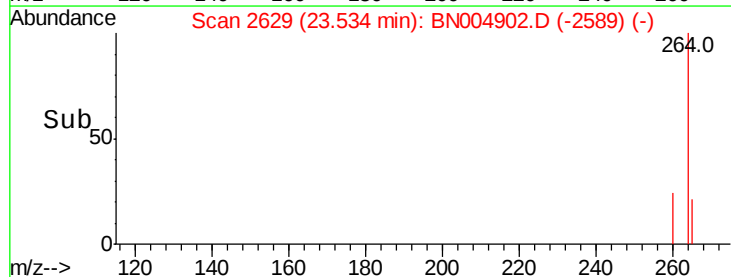
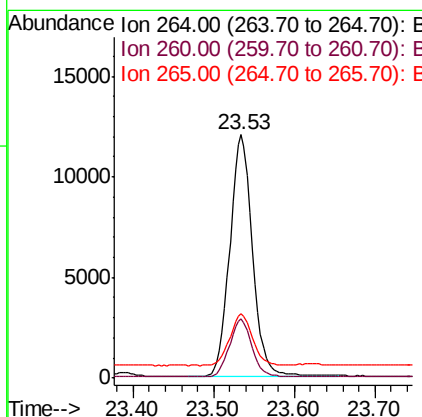
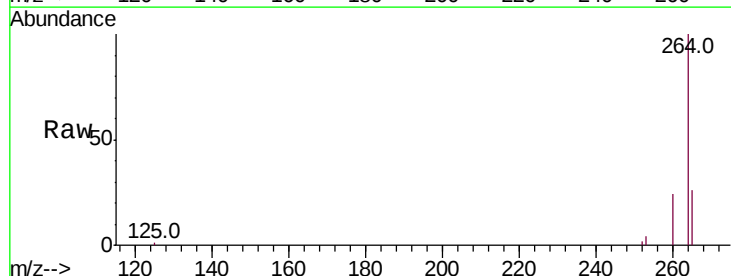
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

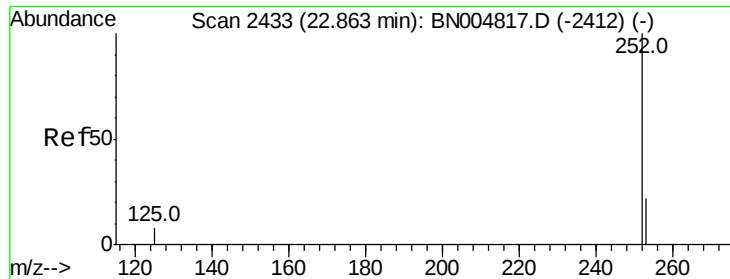
Tot Ion:276 Resp: 37020
 Ion Ratio Lower Upper
 276 100
 138 22.3 16.6 24.8
 277 25.3 20.3 30.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.53 min Scan# 2629
 Delta R.T. -0.01 min
 Lab File: BN004902.D
 Acq: 23 Mar 2019 01:30

Tgt Ion:264 Resp: 23486
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 26.4 23.1 34.7

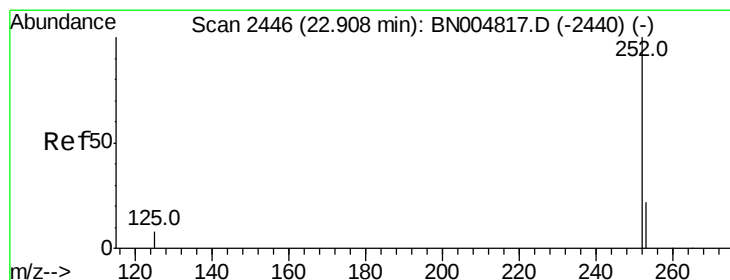
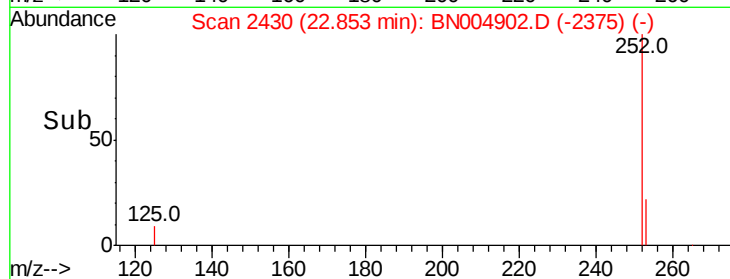
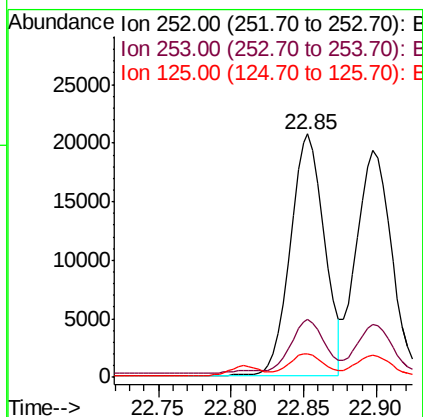
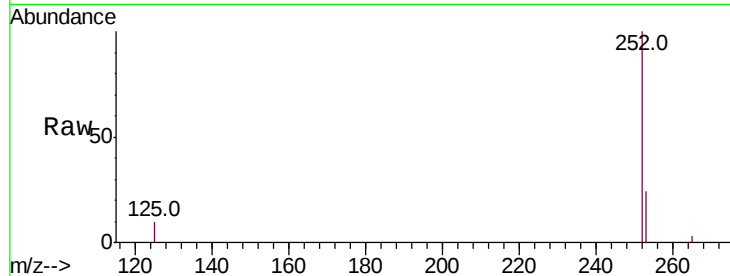




#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004902.D
Acq: 23 Mar 2019 01:30

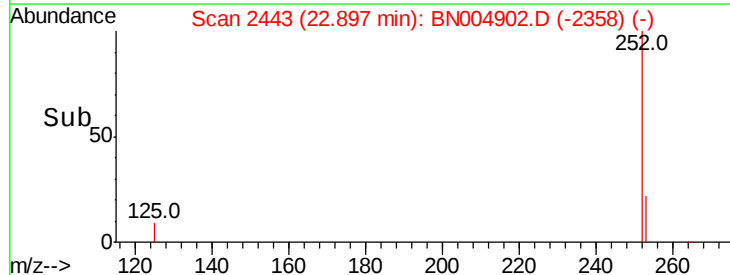
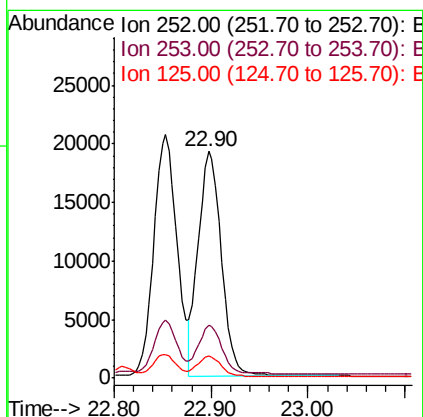
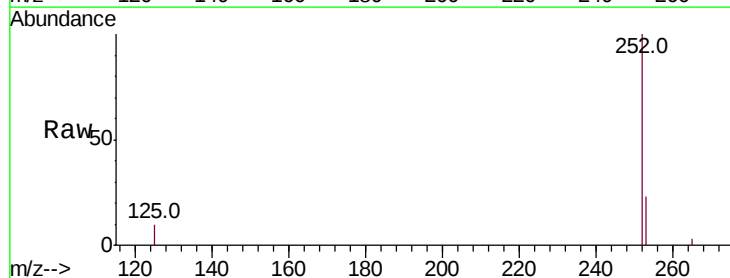
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

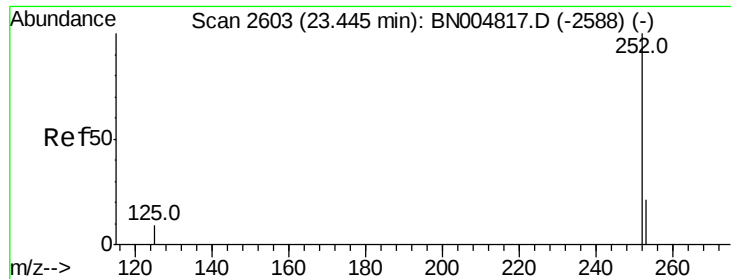
Tot Ion:252 Resp: 33686
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.4
125 9.7 7.4 11.2



#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.90 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BN004902.D
Acq: 23 Mar 2019 01:30

Tgt Ion:252 Resp: 31742
Ion Ratio Lower Upper
252 100
253 23.3 19.3 28.9
125 9.7 7.4 11.0

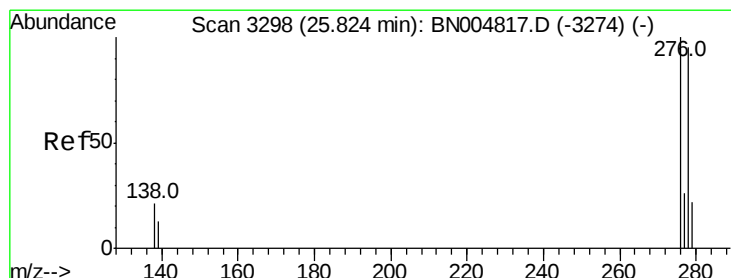
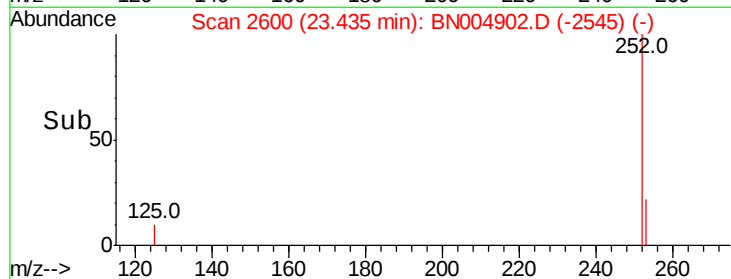
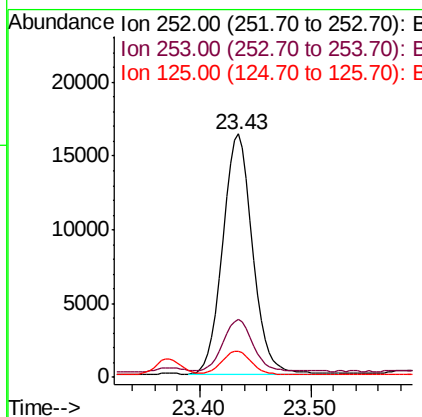
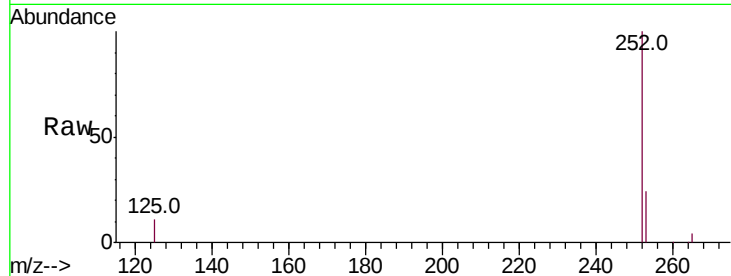




#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.43 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BN004902.D
Acq: 23 Mar 2019 01:30

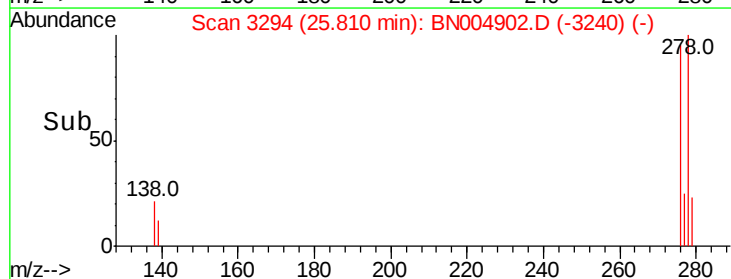
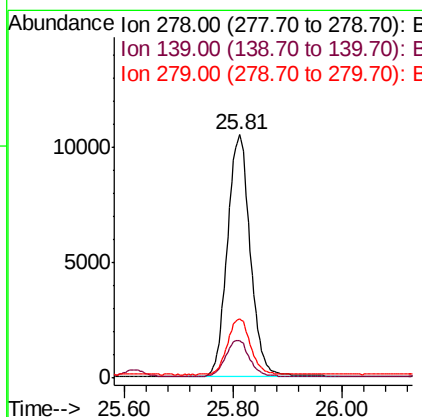
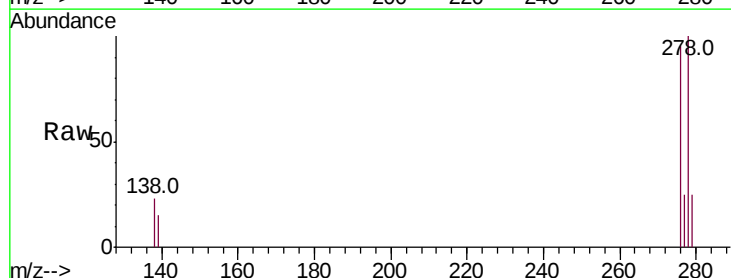
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

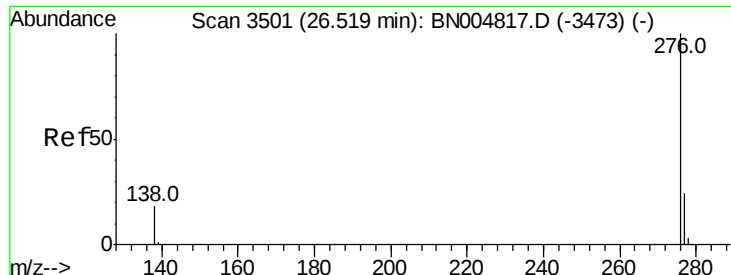
Tot Ion:252 Resp: 30069
Ion Ratio Lower Upper
252 100
253 23.9 19.7 29.5
125 10.7 8.3 12.5



#38
Dibenzo(a,h)anthracene
Concen: 0.340 ng
RT: 25.81 min Scan# 3294
Delta R.T. -0.01 min
Lab File: BN004902.D
Acq: 23 Mar 2019 01:30

Tgt Ion:278 Resp: 30696
Ion Ratio Lower Upper
278 100
139 15.5 11.7 17.5
279 24.5 19.9 29.9





#39

Benzo(a,h,i)perylene

Concen: 0.322 ng

RT: 26.50 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BN004902.D

Acq: 23 Mar 2019 01:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

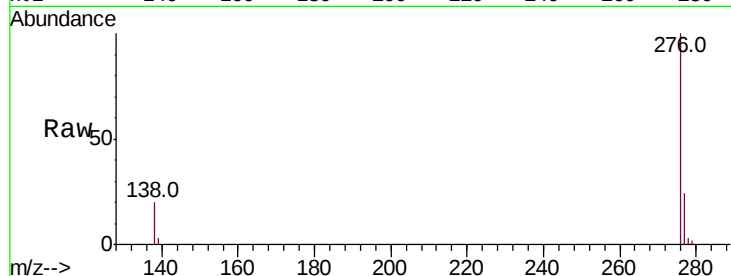
Tot Ion:276 Resp: 29588

Ion Ratio Lower Upper

276 100

277 24.2 19.7 29.5

138 20.0 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

