

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
 Data File : BN010468.D
 Acq On : 13 Apr 2020 15:35
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: Apr 13 16:11:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 14:54:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4567	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	17819	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	11451	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	25462	0.40	ng	0.00
27) Chrysene-d12	21.19	240	26520	0.40	ng	0.00
34) Perylene-d12	23.36	264	22698	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	16370	1.81	ng	0.00
5) Phenol-d6	6.79	99	21721	1.93	ng	0.00
8) Nitrobenzene-d5	8.74	82	20859	1.83	ng	0.00
11) 2-Methylnaphthalene-d10	11.96	152	49302	1.73	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	9371	2.13	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	69350	1.58	ng	0.00
25) Fluoranthene-d10	19.01	212	131038	1.71	ng	0.00
29) Terphenyl-d14	19.62	244	100044	1.75	ng	0.00

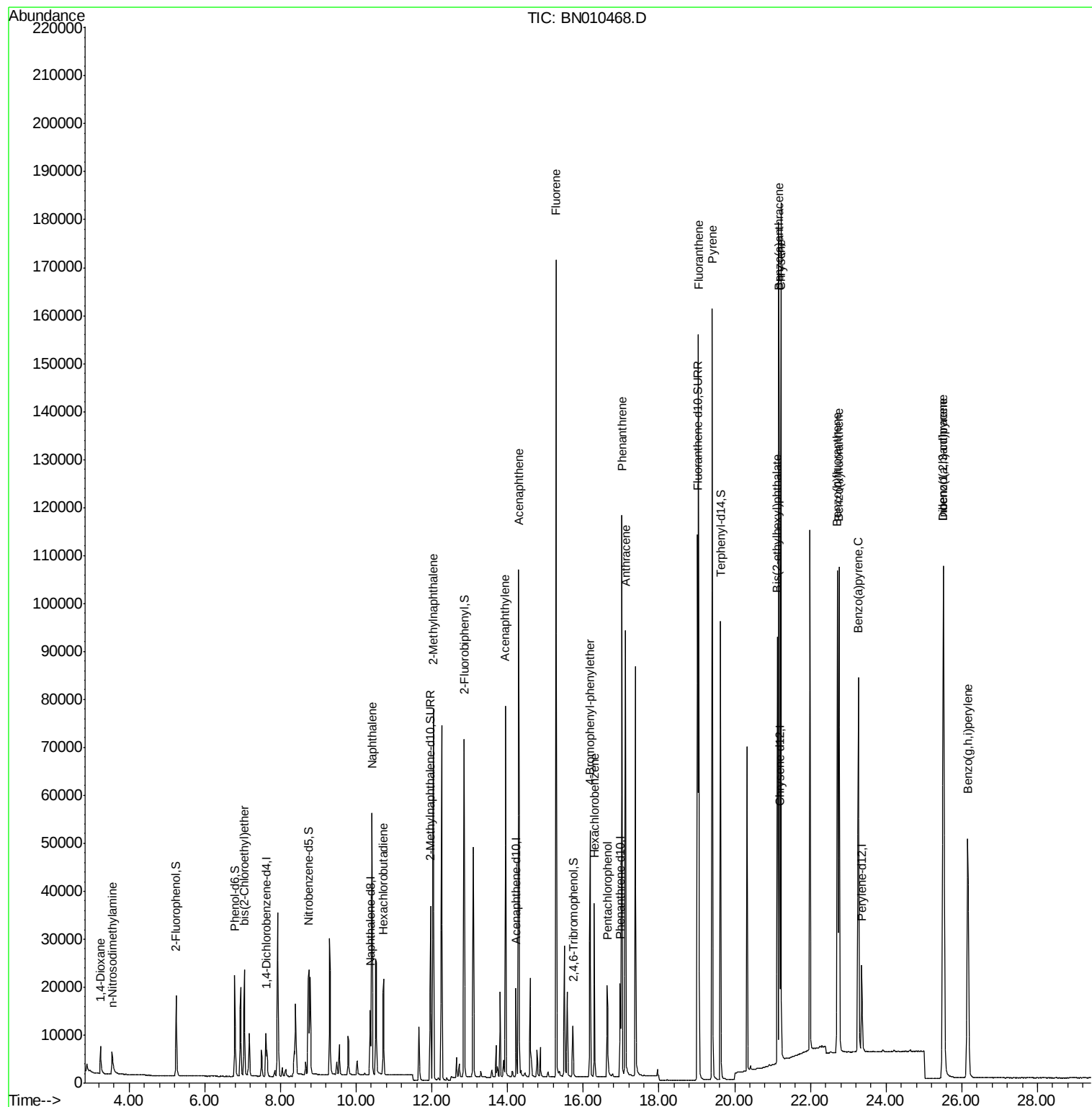
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	5681	1.325	ng	98
3) n-Nitrosodimethylamine	3.55	42	3868	1.067	ng	# 93
6) bis(2-Chloroethyl)ether	7.04	93	18702	1.732	ng	99
9) Naphthalene	10.42	128	73815	1.661	ng	99
10) Hexachlorobutadiene	10.72	225	17731	1.646	ng	# 100
12) 2-Methylnaphthalene	12.03	142	53569	1.739	ng	98
16) Acenaphthylene	13.95	152	84531	1.881	ng	100
17) Acenaphthene	14.29	154	52430	1.638	ng	99
18) Fluorene	15.28	166	70136	1.649	ng	99
20) 4-Bromophenyl-phenylether	16.18	248	24426	1.581	ng	# 90
21) Hexachlorobenzene	16.29	284	26944	1.698	ng	100
22) Pentachlorophenol	16.63	266	10795	1.988	ng	98
23) Phenanthrene	17.02	178	115898	1.656	ng	100
24) Anthracene	17.11	178	108995	1.821	ng	100
26) Fluoranthene	19.05	202	146187	1.705	ng	100
28) Pyrene	19.41	202	146566	1.775	ng	100
30) Benzo(a)anthracene	21.16	228	144231	1.708	ng	100
31) Chrysene	21.22	228	140270	1.549	ng	99
32) Bis(2-ethylhexyl)phthalate	21.12	149	71300	2.502	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	124555	1.284	ng	100
35) Benzo(b)fluoranthene	22.71	252	124254	1.611	ng	# 94
36) Benzo(k)fluoranthene	22.76	252	124384	1.585	ng	# 94
37) Benzo(a)pyrene	23.26	252	110149	1.693	ng	# 91
38) Dibenzo(a,h)anthracene	25.52	278	101230	1.439	ng	95
39) Benzo(g,h,i)perylene	26.16	276	100885	1.425	ng	97

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

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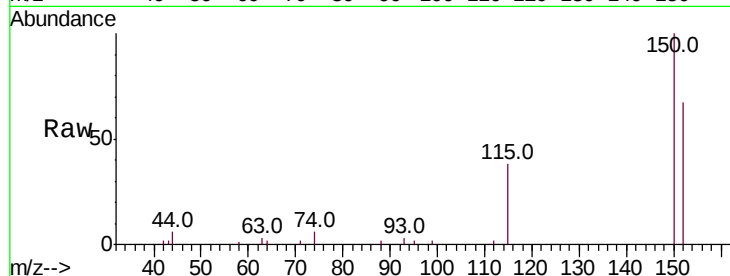


#1

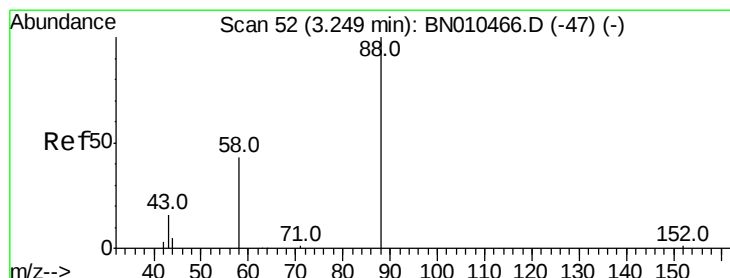
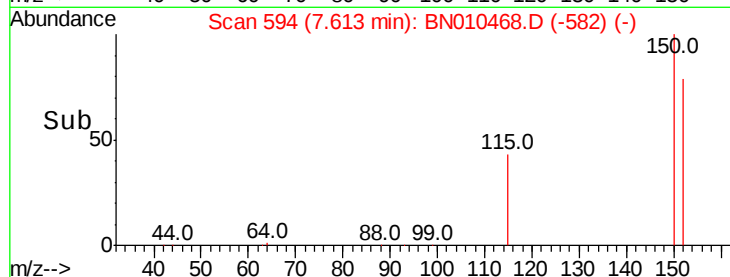
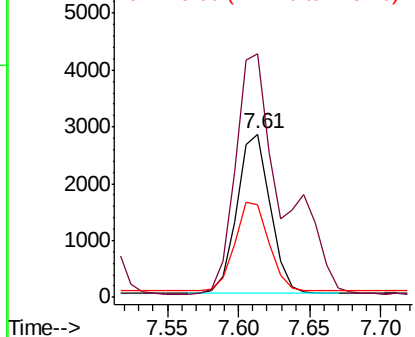
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 4567
Ion Ratio Lower Upper
152 100
150 149.3 121.8 182.6
115 56.8 45.5 68.3



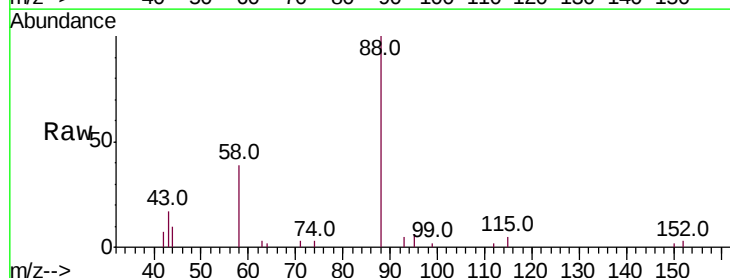
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



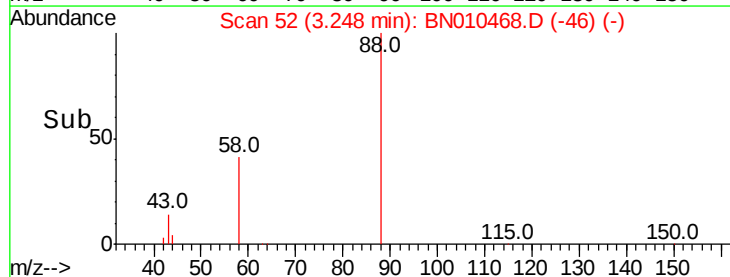
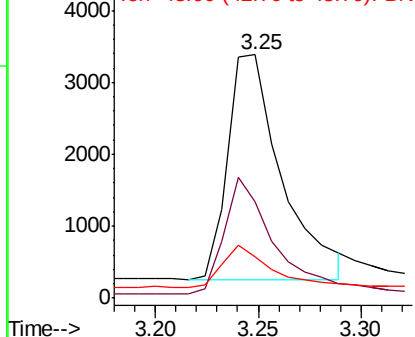
#2

1,4-Dioxane
Concen: 1.325 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion: 88 Resp: 5681
Ion Ratio Lower Upper
88 100
58 46.7 36.5 54.7
43 17.2 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: 1.067 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.02 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

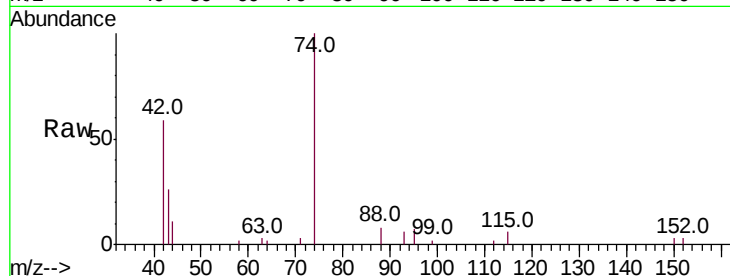
Tot Ion: 42 Resp: 3868

Ion Ratio Lower Upper

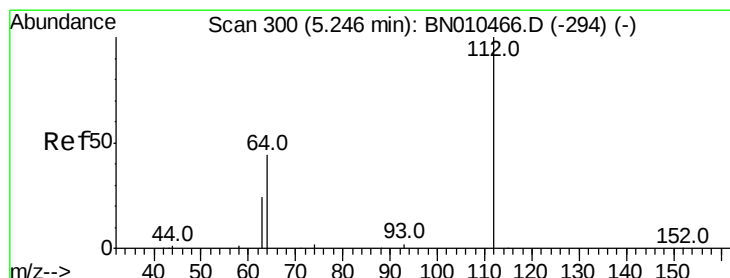
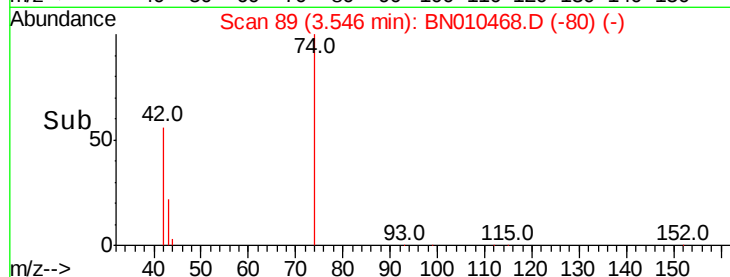
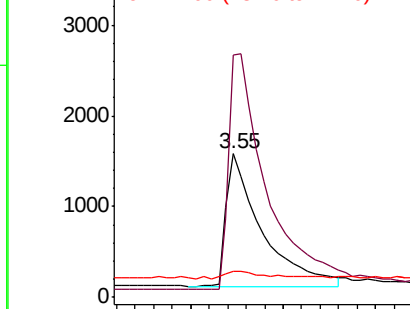
42 100

74 192.3 162.2 243.4

44 8.5 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: 1.811 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

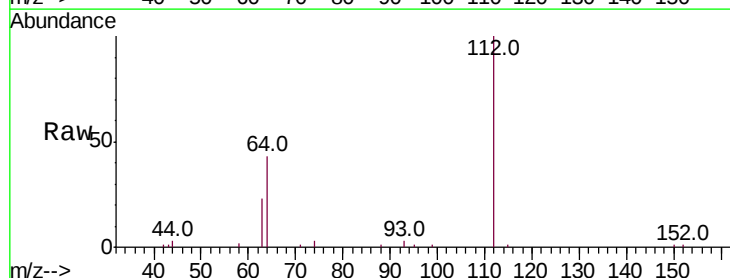
Tgt Ion: 112 Resp: 16370

Ion Ratio Lower Upper

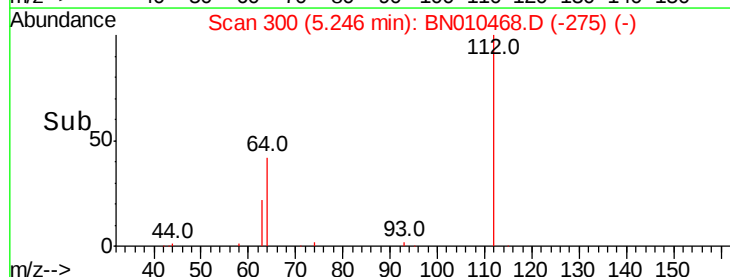
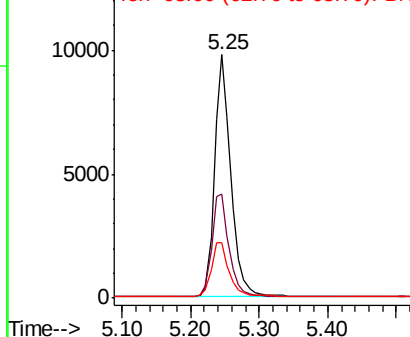
112 100

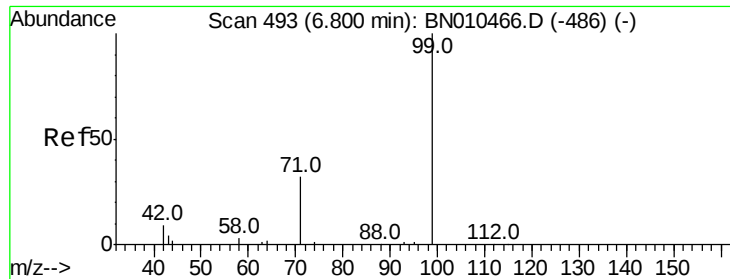
64 44.8 35.8 53.8

63 23.6 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: 1.932 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

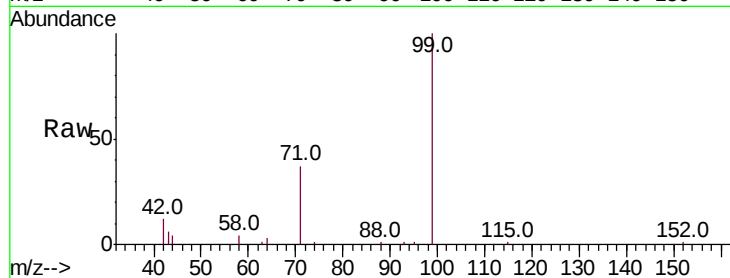
Tot Ion: 99 Resp: 21721

Ion Ratio Lower Upper

99 100

42 11.9 9.8 14.6

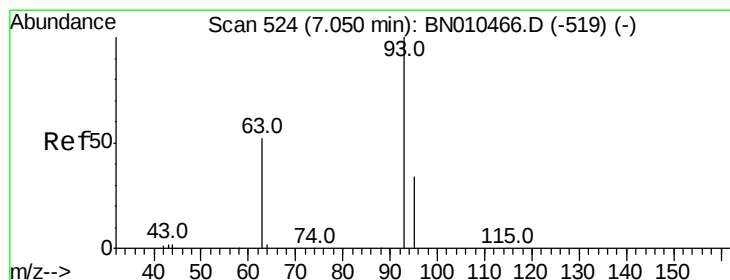
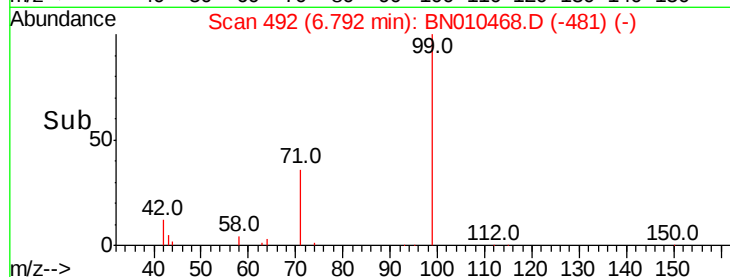
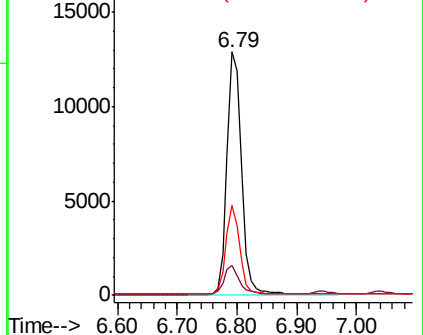
71 34.9 27.8 41.8



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: 1.732 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

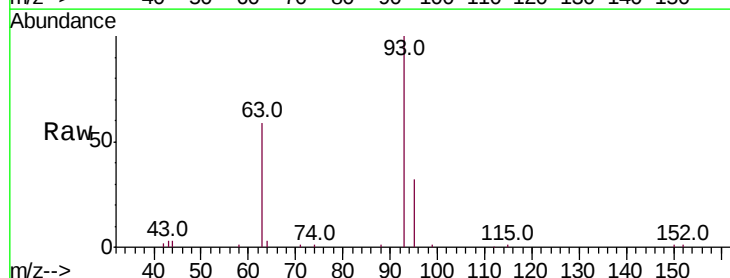
Tgt Ion: 93 Resp: 18702

Ion Ratio Lower Upper

93 100

63 55.9 44.6 66.8

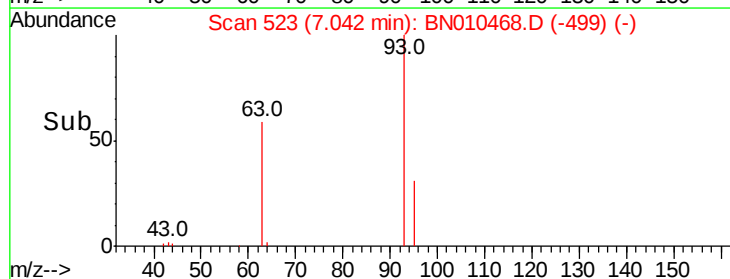
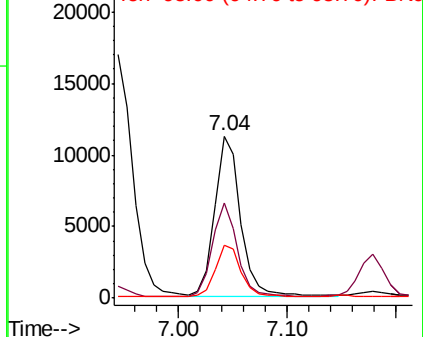
95 32.1 26.5 39.7



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: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 17819

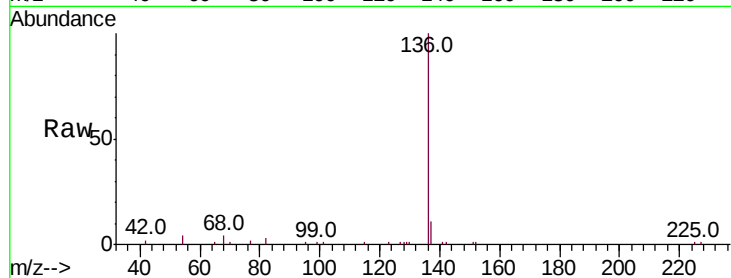
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 3.6 2.6 4.0

68 4.2 3.4 5.2

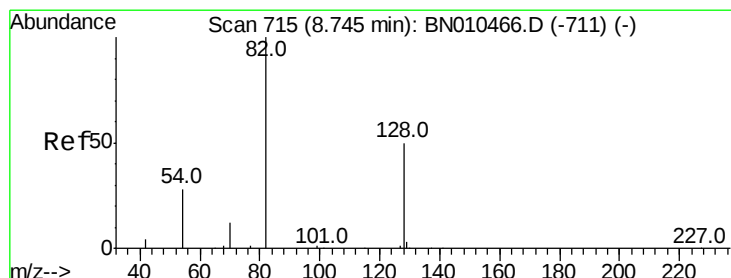
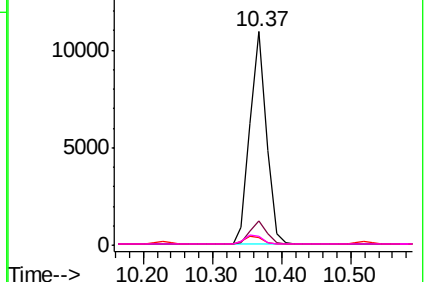
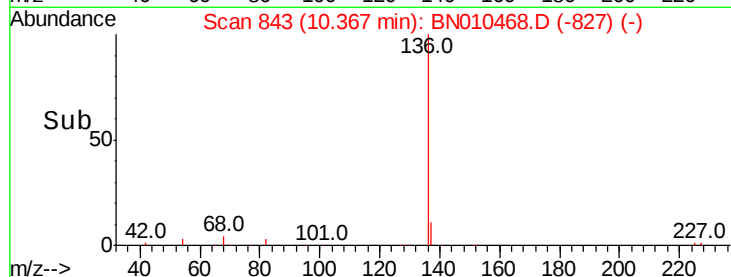


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.827 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

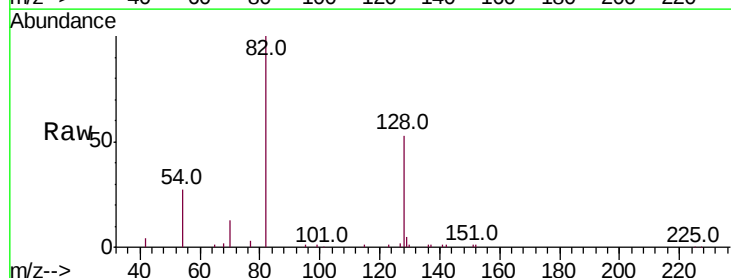
Tgt Ion: 82 Resp: 20859

Ion Ratio Lower Upper

82 100

128 52.6 41.3 61.9

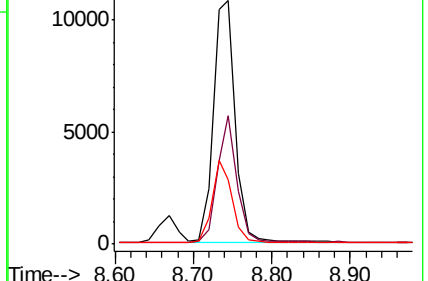
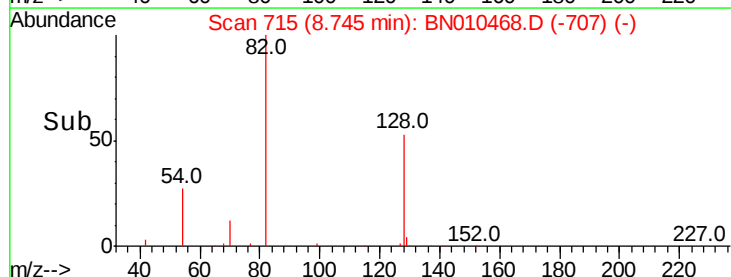
54 26.7 23.4 35.0



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: 1.661 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.00 min

Lab File: BN010468.D

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ClientSampleId :

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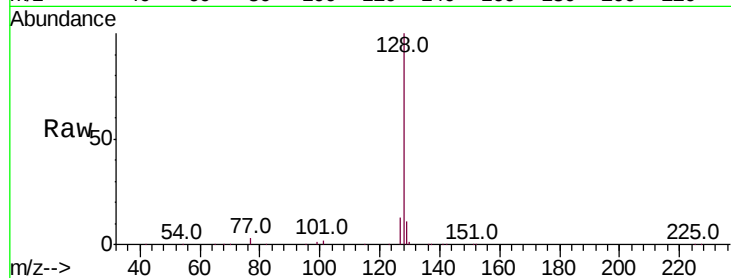
Tot Ion:128 Resp: 73815

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

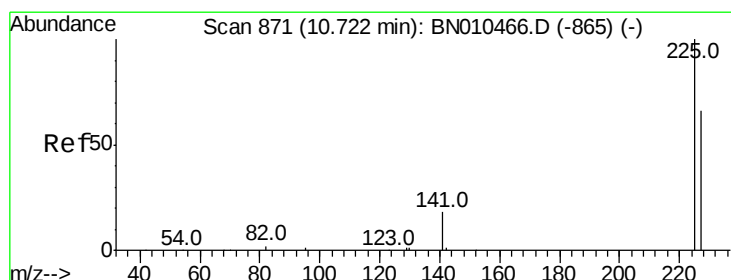
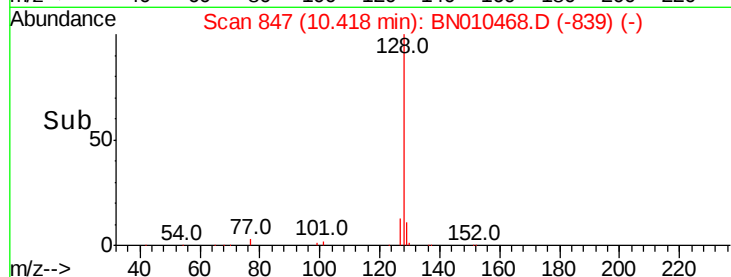
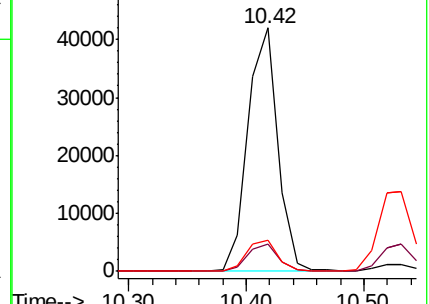
127 12.9 10.5 15.7



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: 1.646 ng

RT: 10.72 min Scan# 871

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

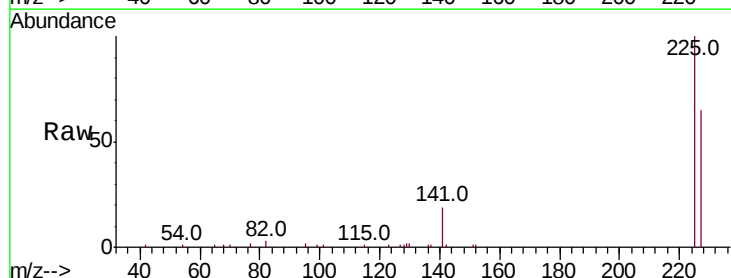
Tgt Ion:225 Resp: 17731

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

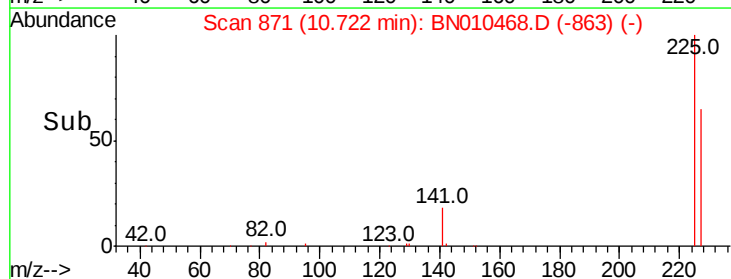
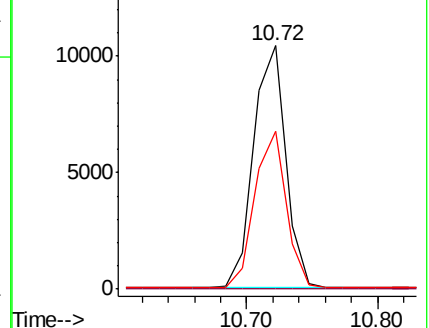
227 63.5 50.6 76.0

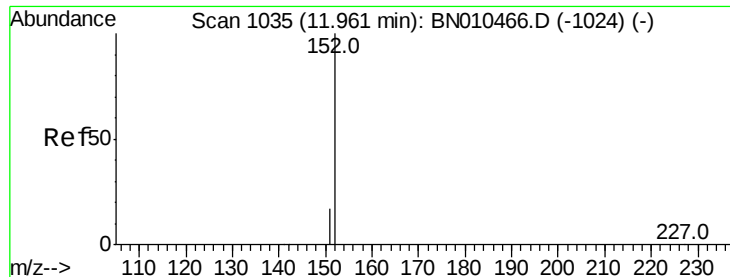


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

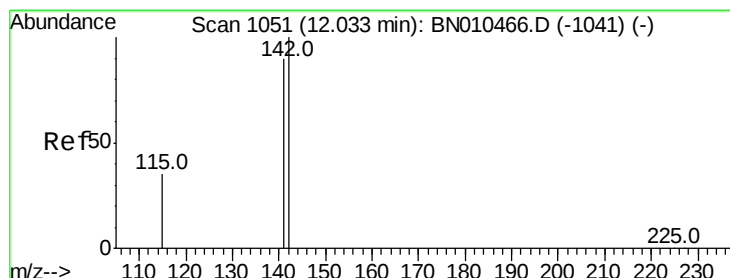
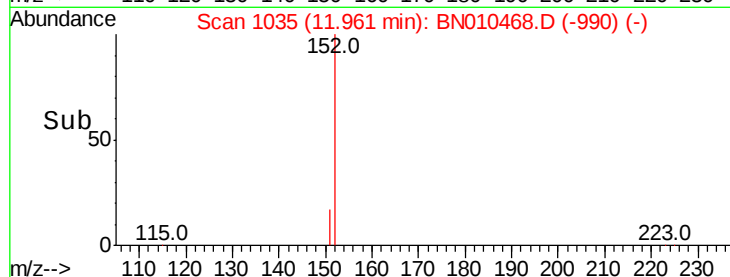
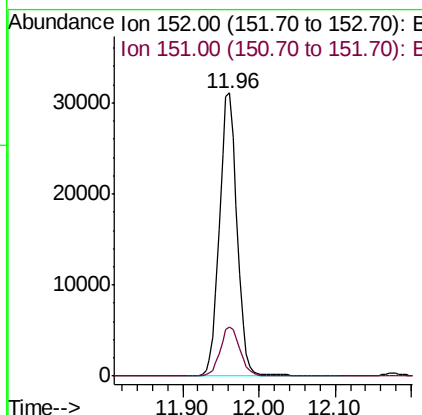
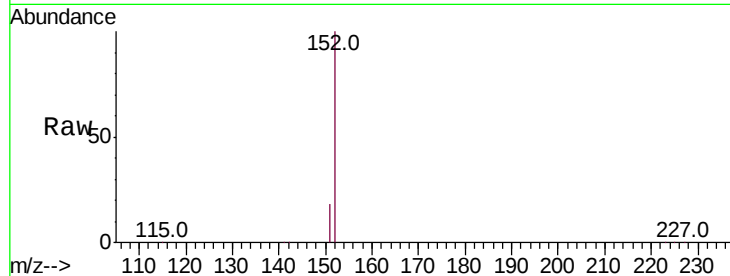




#11
2-Methylnaphthalene-d10
Concen: 1.733 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

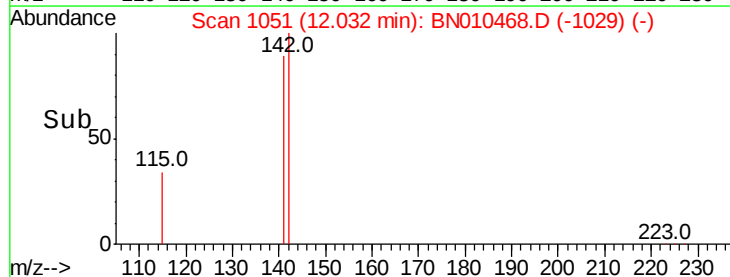
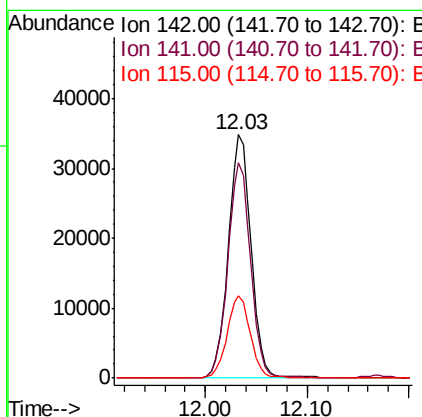
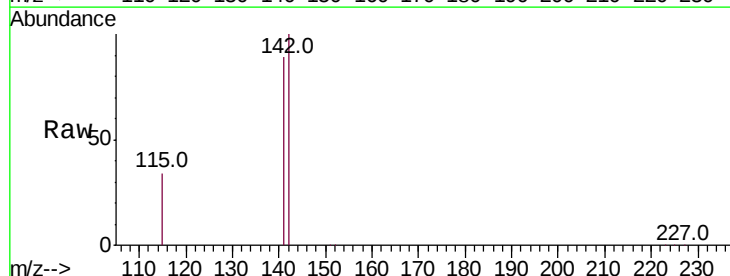
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

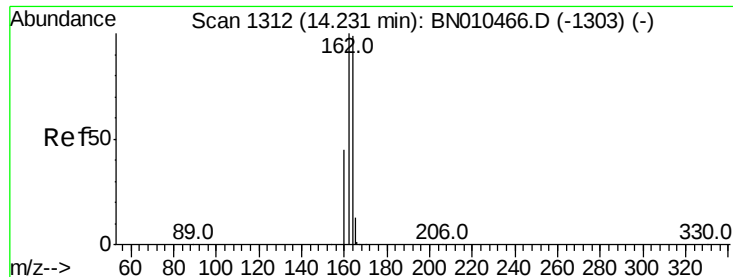
Tot Ion:152 Resp: 49302
Ion Ratio Lower Upper
152 100
151 19.2 15.3 22.9



#12
2-Methylnaphthalene
Concen: 1.739 ng
RT: 12.03 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:142 Resp: 53569
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9
115 34.0 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

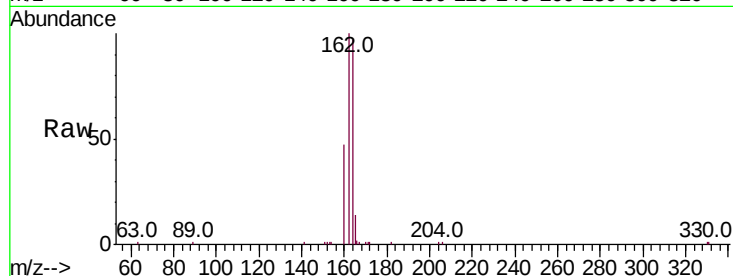
Tot Ion:164 Resp: 11451

Ion Ratio Lower Upper

164 100

162 103.6 80.6 121.0

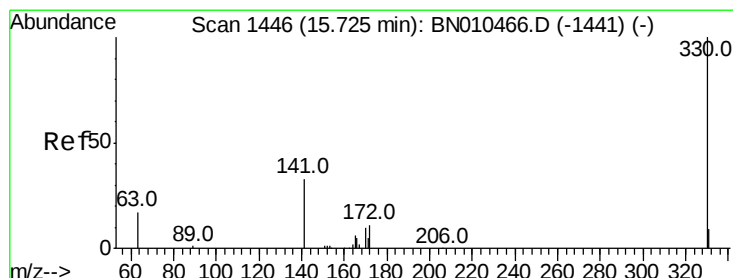
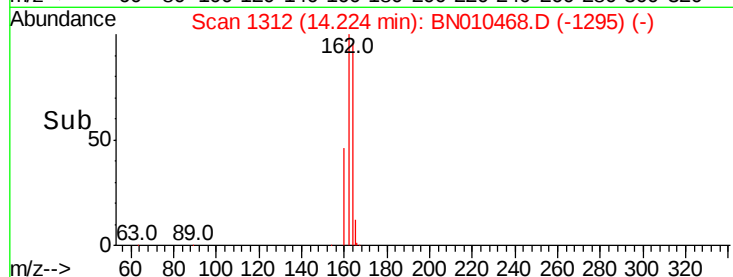
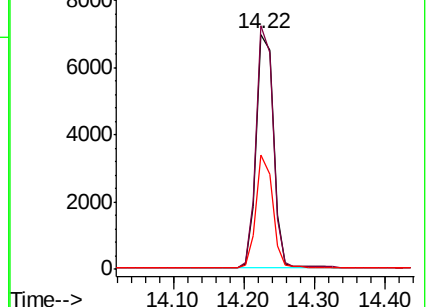
160 48.4 36.5 54.7



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: 2.129 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

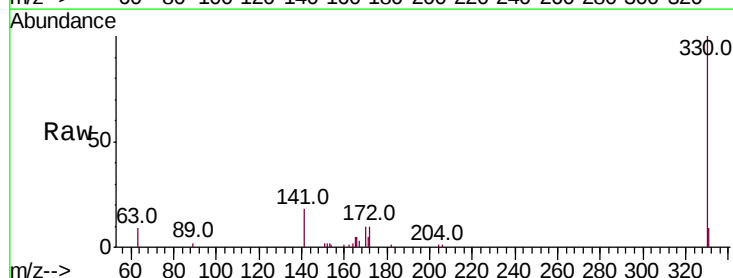
Tgt Ion:330 Resp: 9371

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

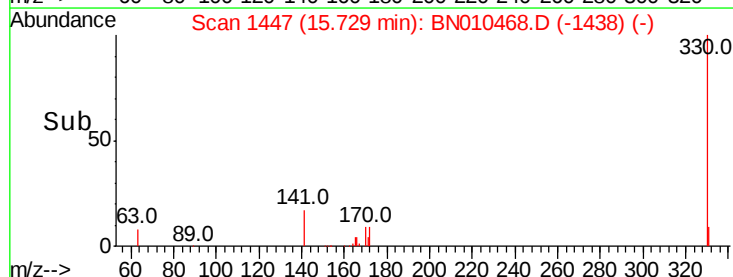
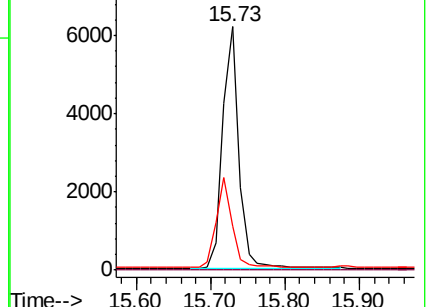
141 35.4 28.1 42.1

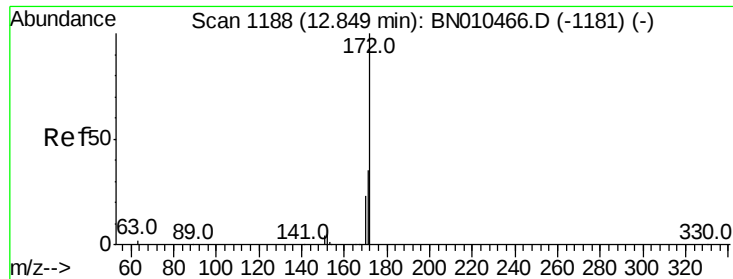


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

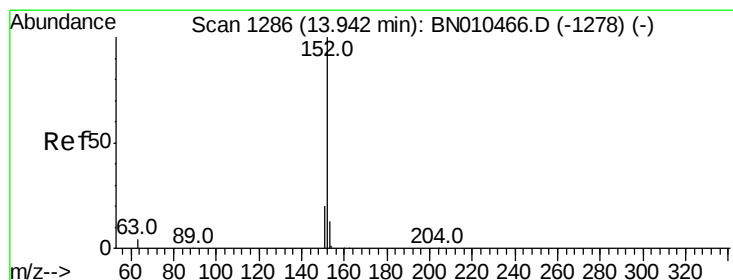
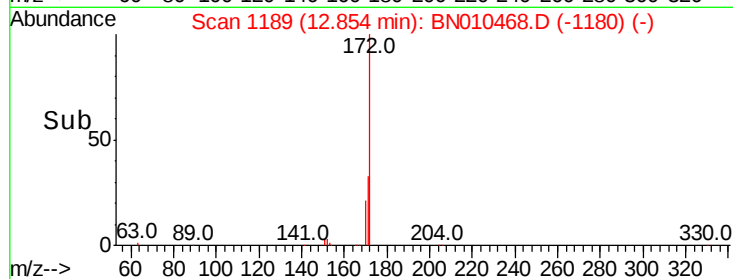
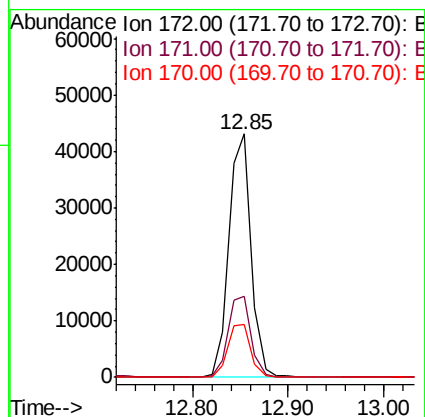
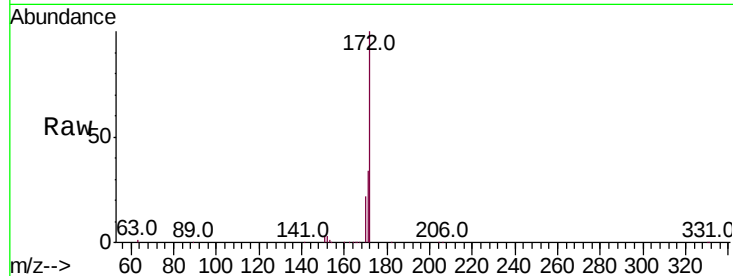




#15
2-Fluorobiphenyl
Concen: 1.583 ng
RT: 12.85 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

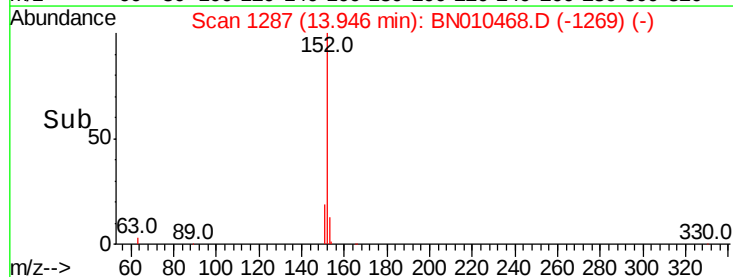
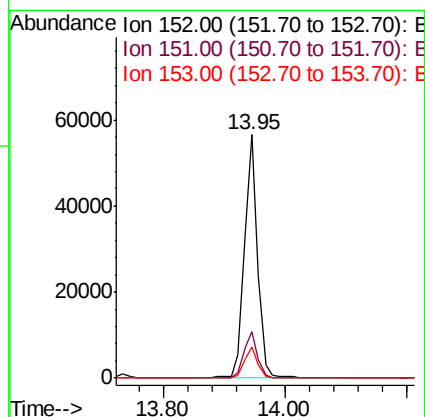
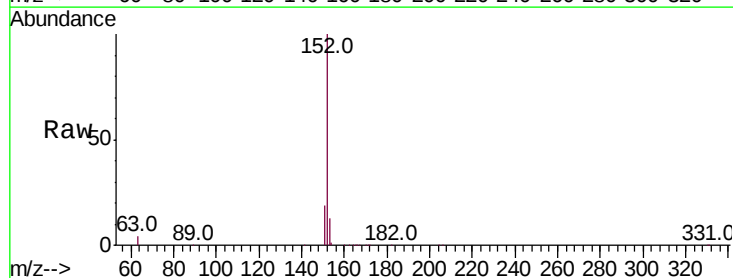
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tot Ion:172 Resp: 69350
Ion Ratio Lower Upper
172 100
171 33.5 28.2 42.2
170 21.5 18.4 27.6



#16
Acenaphthylene
Concen: 1.881 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:152 Resp: 84531
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 1.638 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

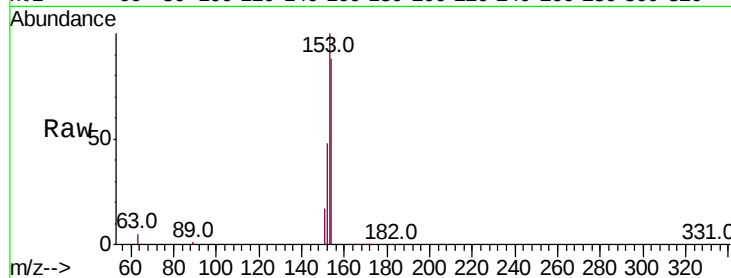
Tot Ion:154 Resp: 52430

Ion Ratio Lower Upper

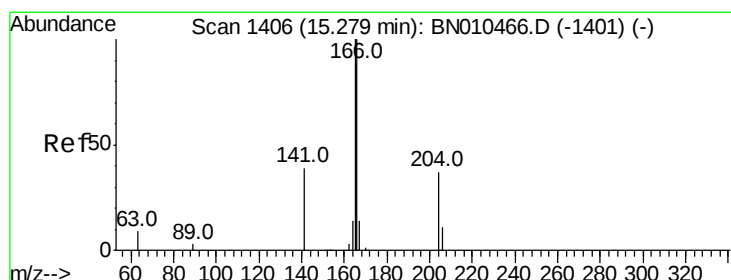
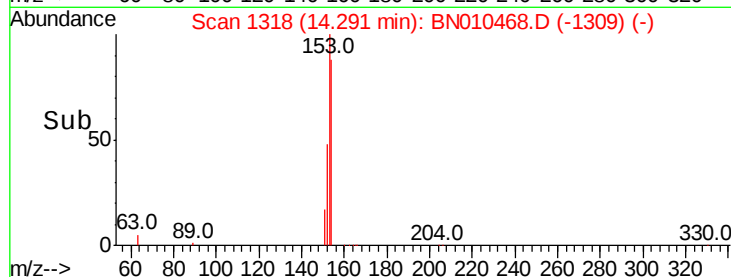
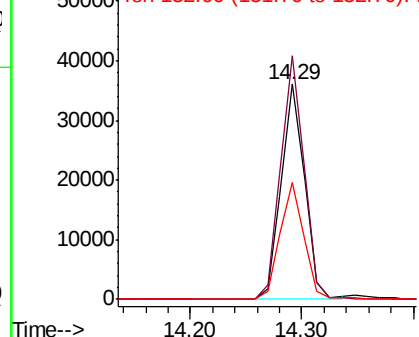
154 100

153 113.4 91.0 136.4

152 54.6 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: 1.649 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

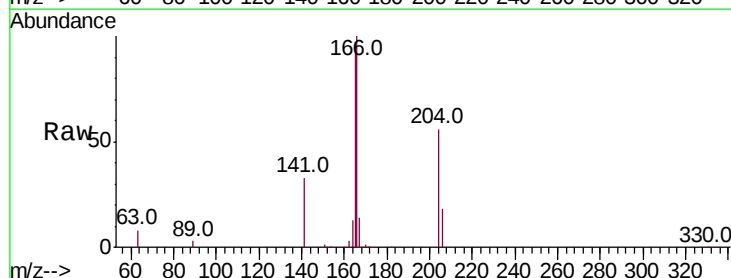
Tgt Ion:166 Resp: 70136

Ion Ratio Lower Upper

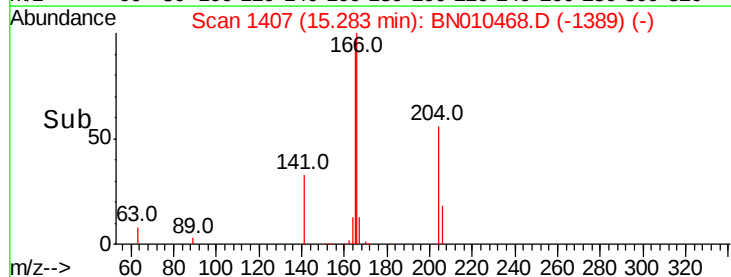
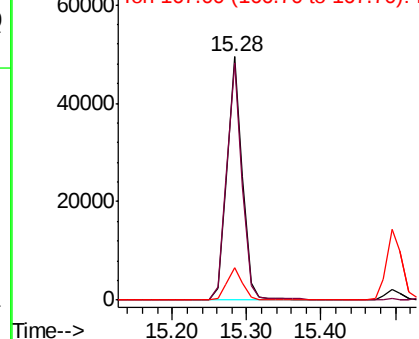
166 100

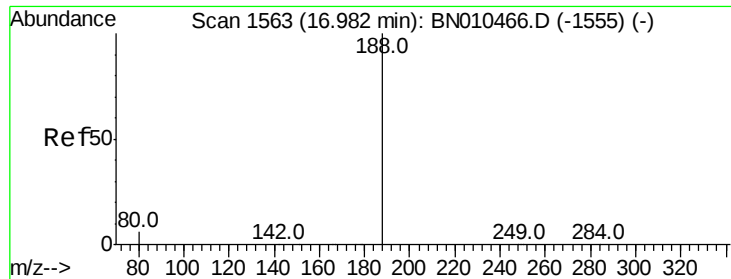
165 97.4 78.4 117.6

167 13.3 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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

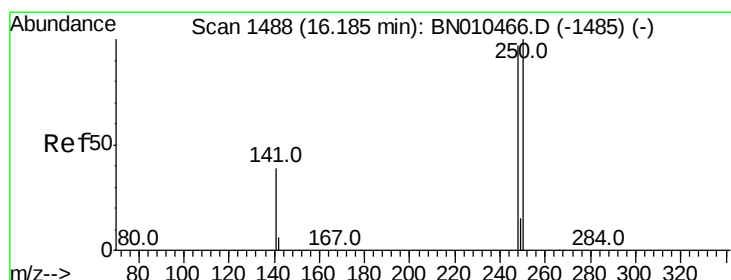
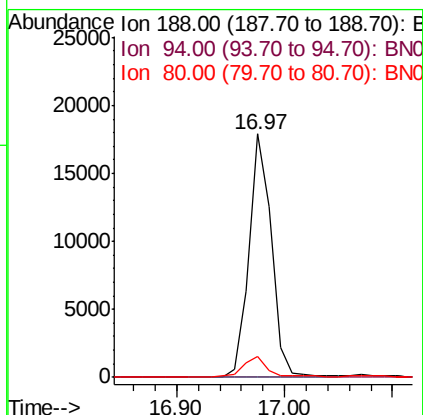
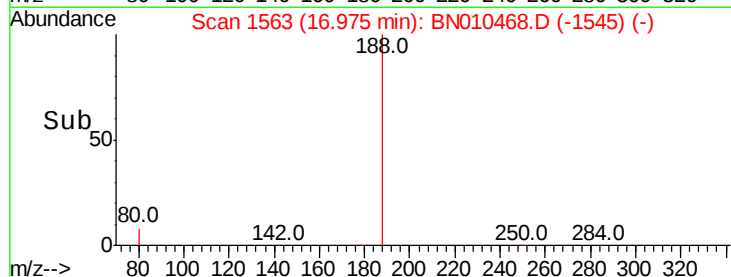
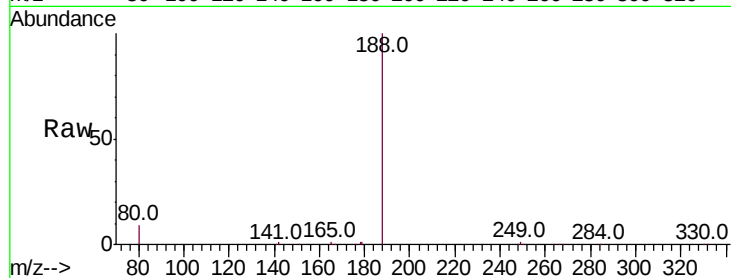
Tot Ion:188 Resp: 25462

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 5.0 7.6#



#20

4-Bromophenyl-phenylether

Concen: 1.581 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

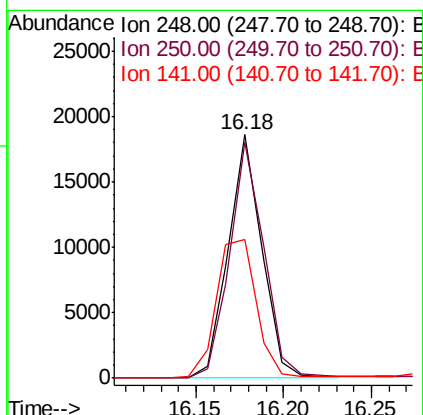
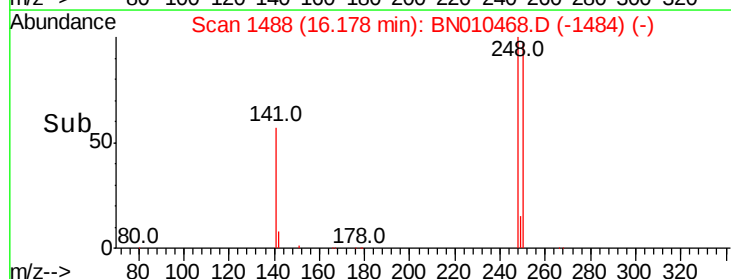
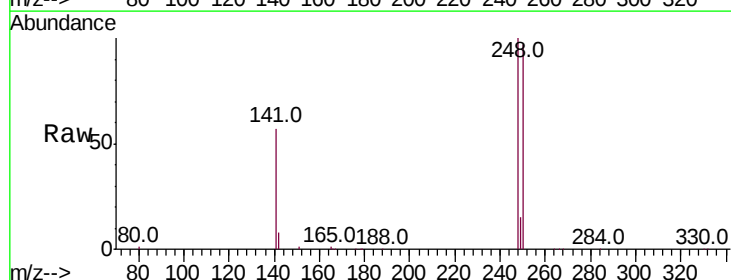
Tgt Ion:248 Resp: 24426

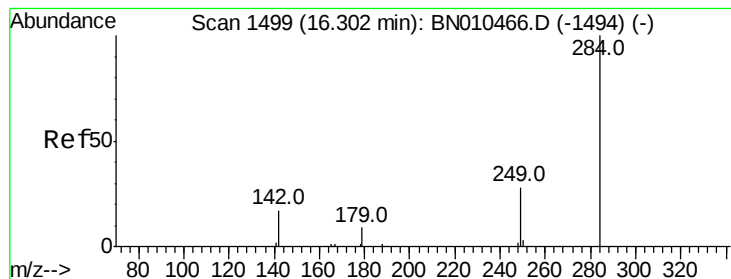
Ion Ratio Lower Upper

248 100

250 97.0 82.3 123.5

141 57.0 35.2 52.8#





#21

Hexachlorobenzene

Concen: 1.698 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

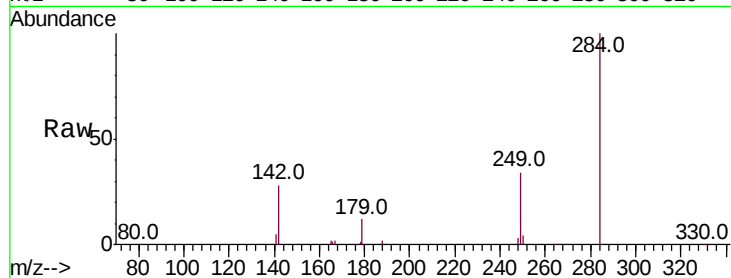
Tot Ion:284 Resp: 26944

Ion Ratio Lower Upper

284 100

142 32.0 25.5 38.3

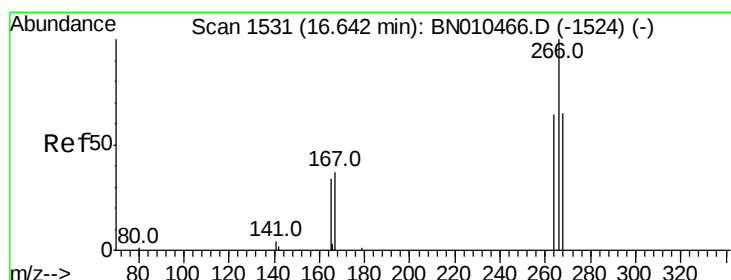
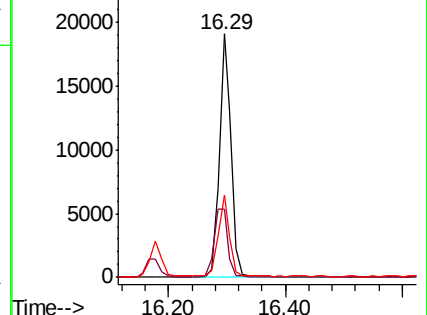
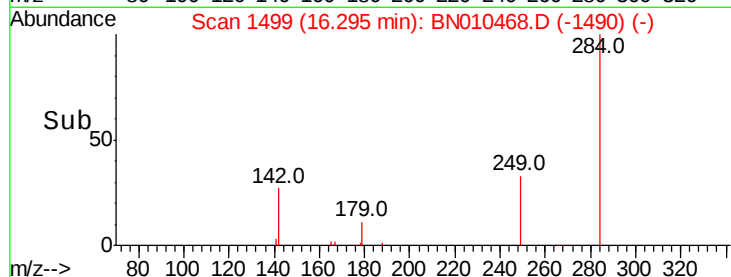
249 32.2 25.8 38.6



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: 1.988 ng

RT: 16.63 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

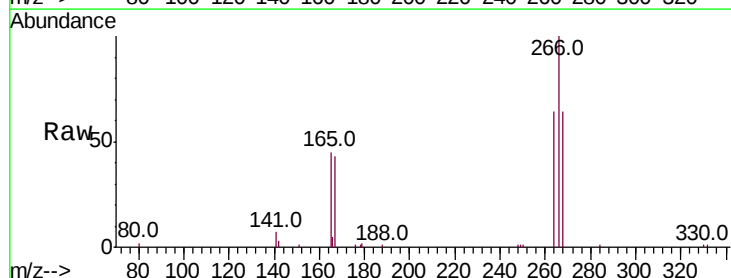
Tgt Ion:266 Resp: 10795

Ion Ratio Lower Upper

266 100

264 64.3 51.8 77.6

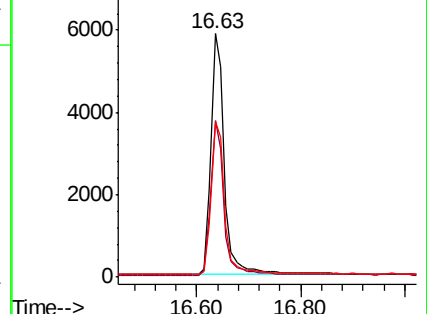
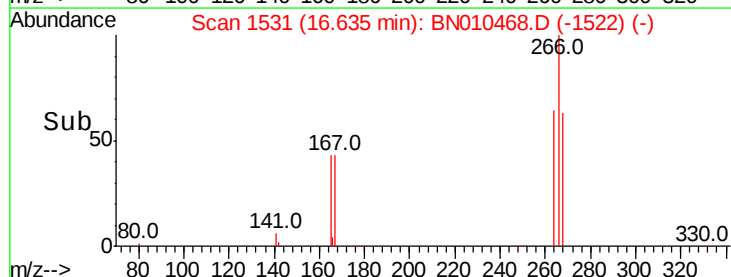
268 63.8 53.7 80.5



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: 1.656 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

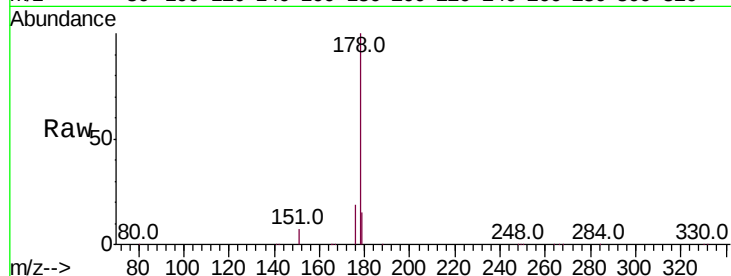
Tot Ion:178 Resp: 115898

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

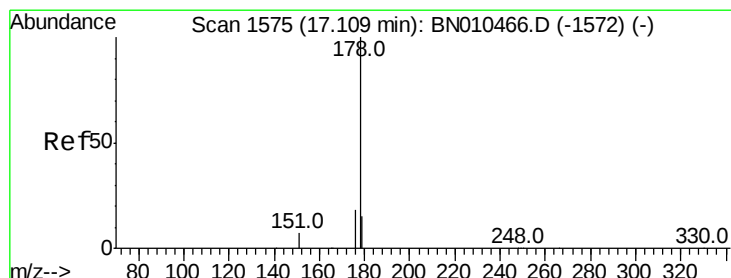
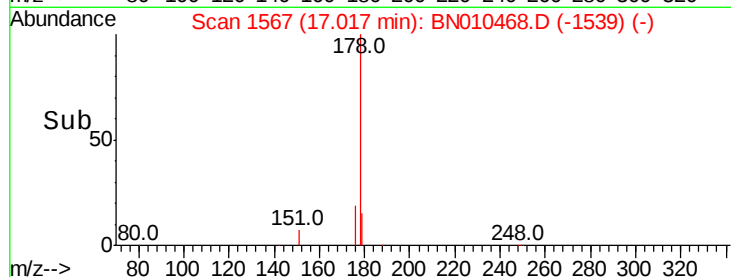
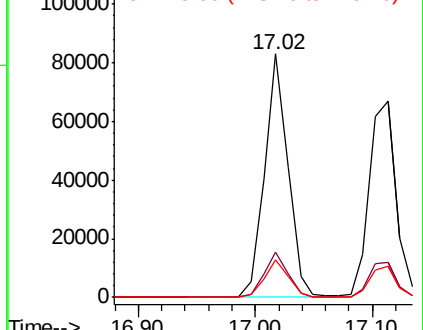
179 15.3 12.6 18.8



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: 1.821 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

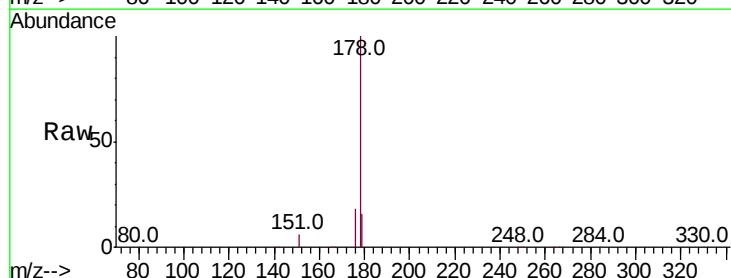
Tgt Ion:178 Resp: 108995

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

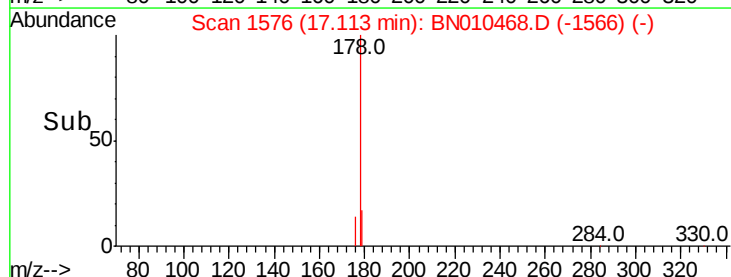
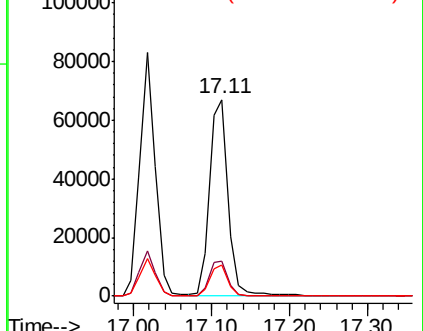
179 15.3 12.2 18.2

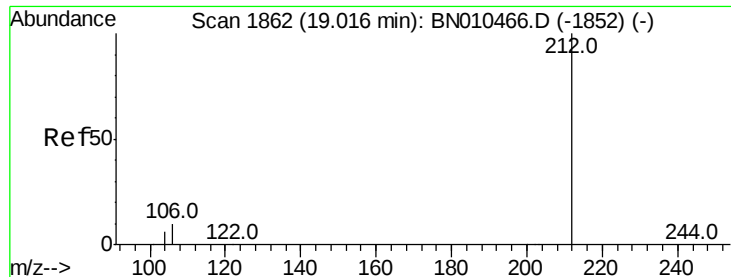


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.707 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

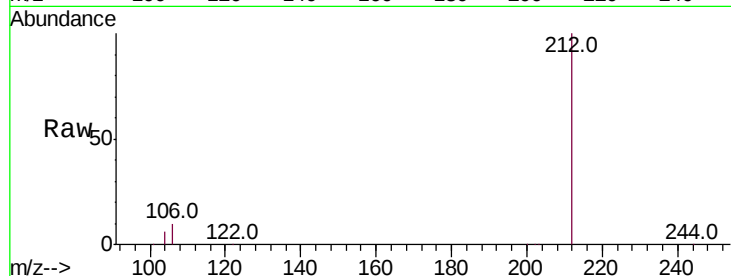
Tot Ion:212 Resp: 131038

Ion Ratio Lower Upper

212 100

106 9.9 7.8 11.6

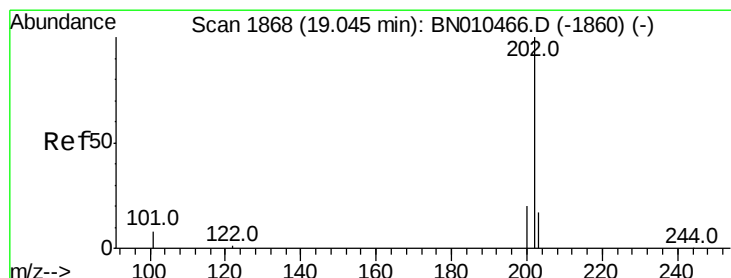
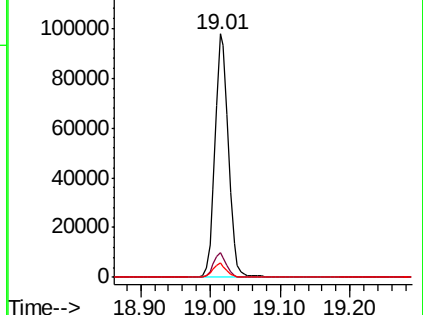
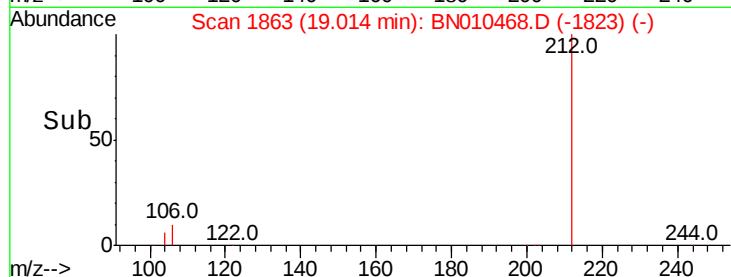
104 5.6 4.5 6.7



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: 1.705 ng

RT: 19.05 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

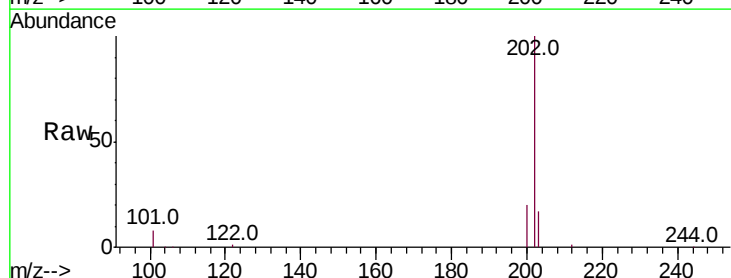
Tgt Ion:202 Resp: 146187

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

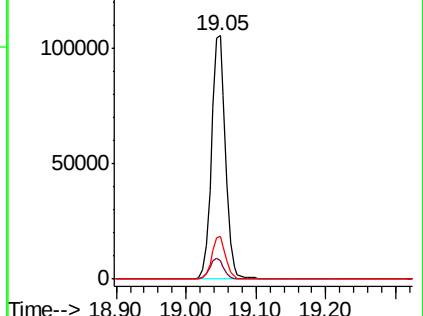
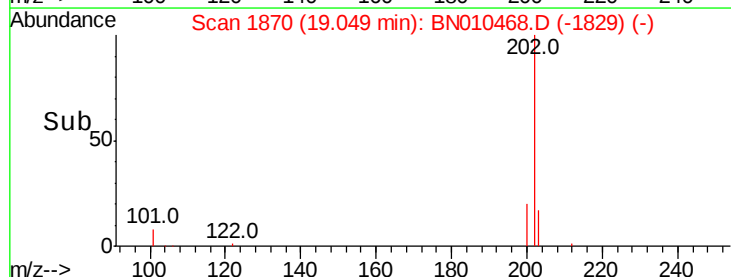
203 17.2 13.9 20.9

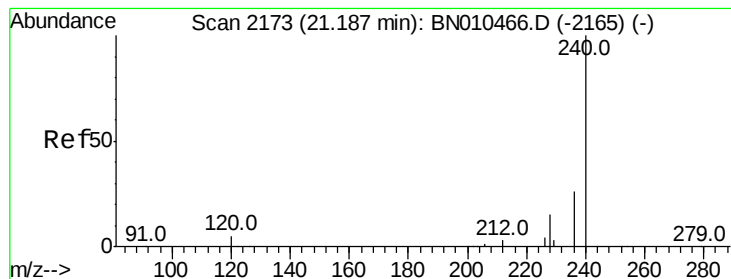


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

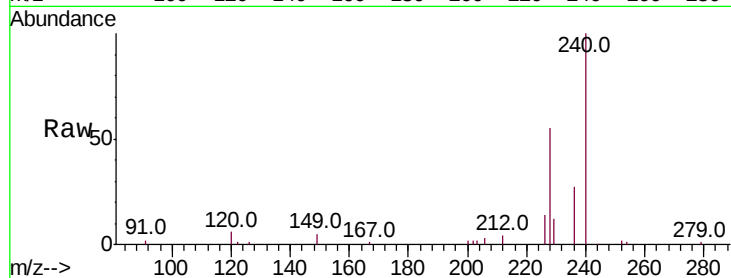
Tot Ion:240 Resp: 26520

Ion Ratio Lower Upper

240 100

120 6.4 4.8 7.2

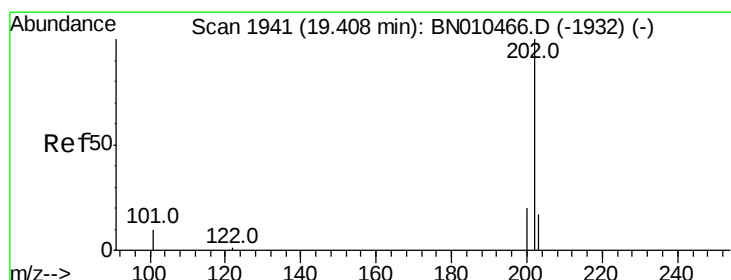
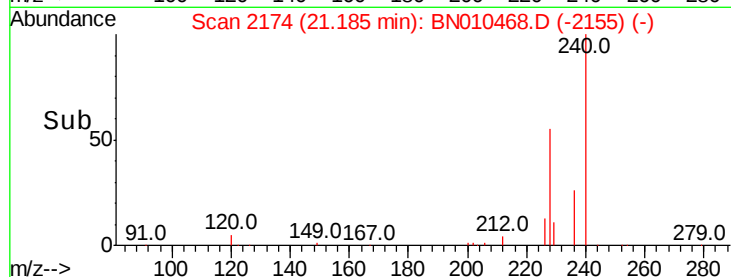
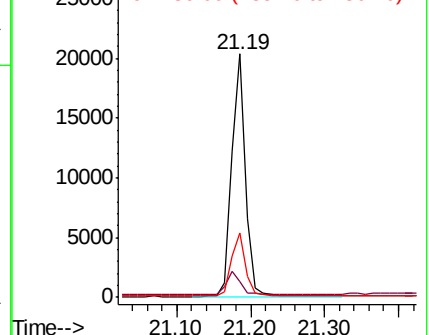
236 26.7 21.4 32.0



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: 1.775 ng

RT: 19.41 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

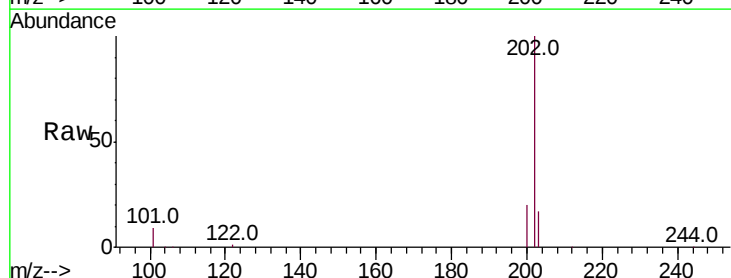
Tgt Ion:202 Resp: 146566

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

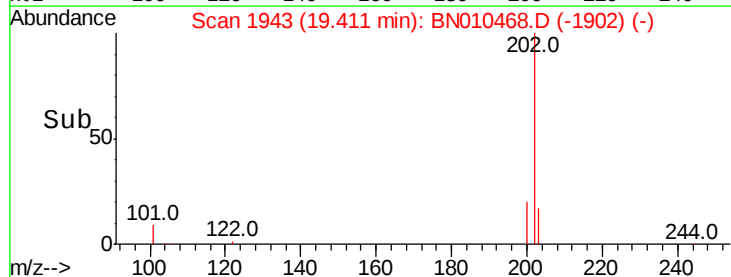
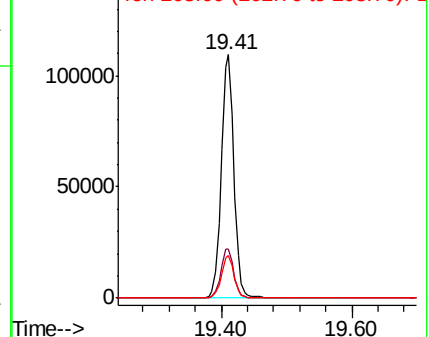
203 17.5 14.0 21.0

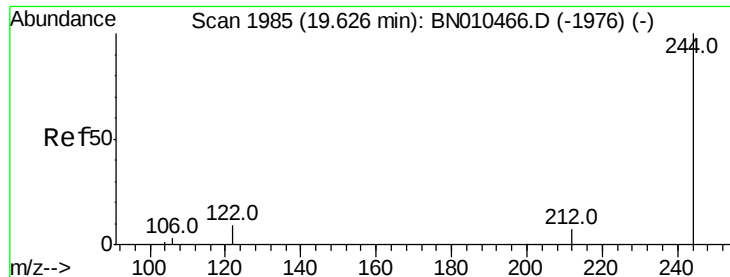


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.746 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

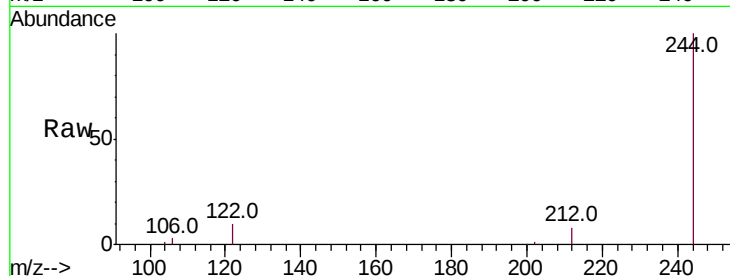
Tot Ion:244 Resp: 100044

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

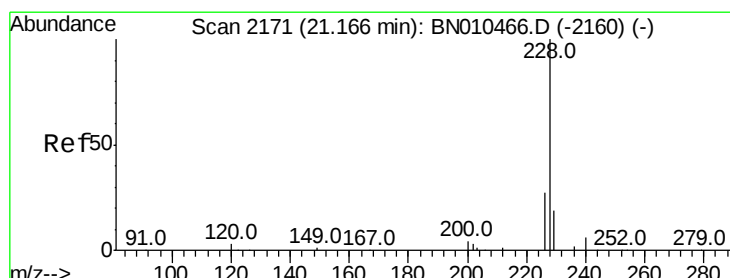
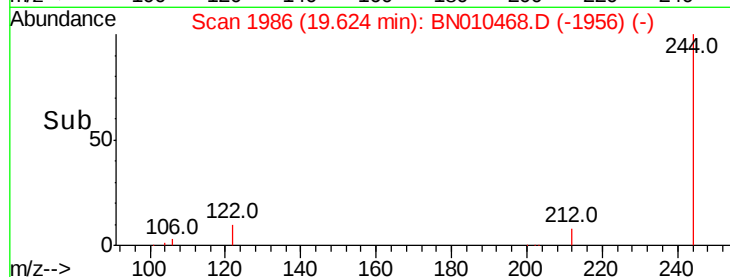
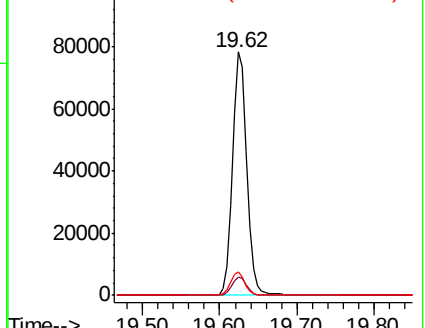
122 9.7 7.8 11.8



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: 1.708 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

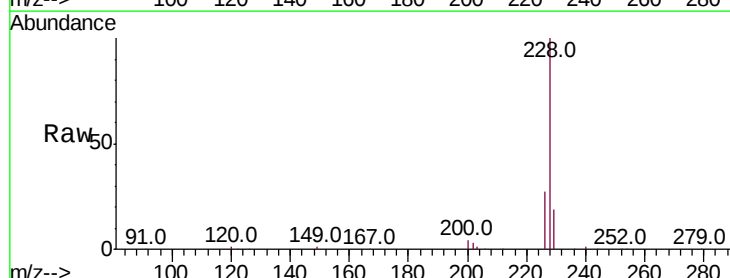
Tgt Ion:228 Resp: 144231

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

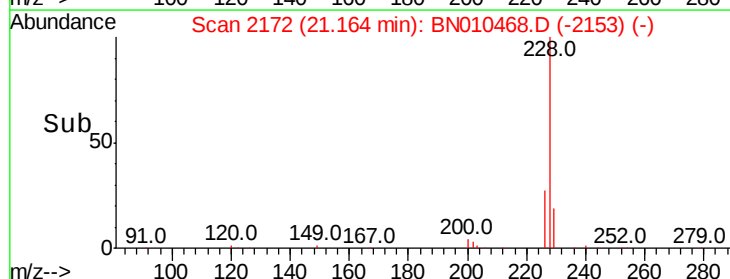
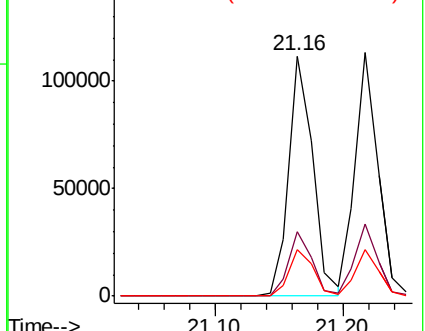
229 19.2 15.6 23.4

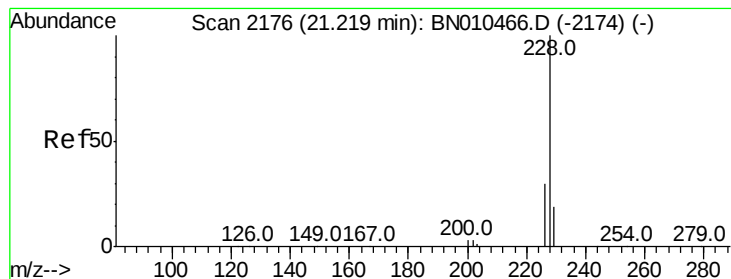


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.549 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

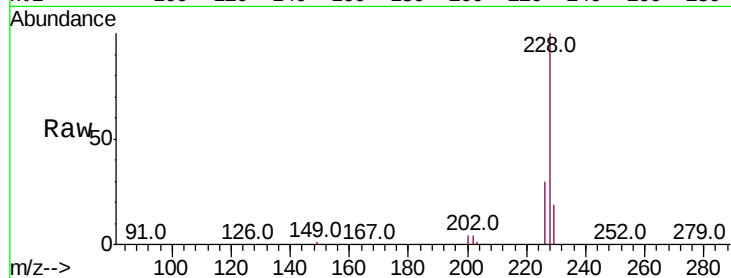
Tot Ion:228 Resp: 140270

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

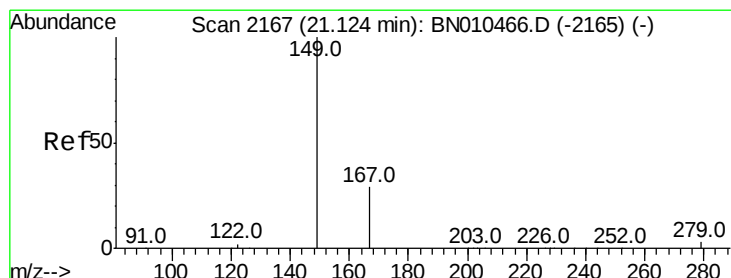
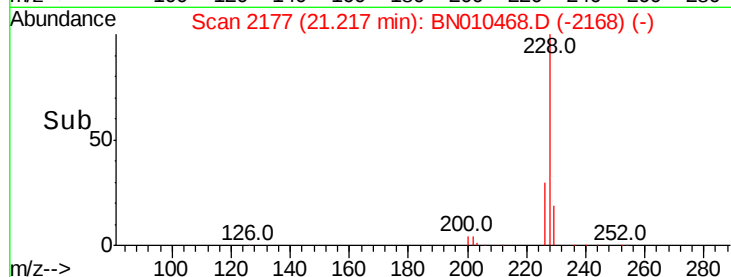
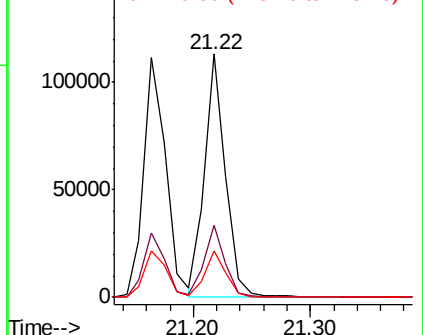
229 19.3 15.8 23.6



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: 2.502 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

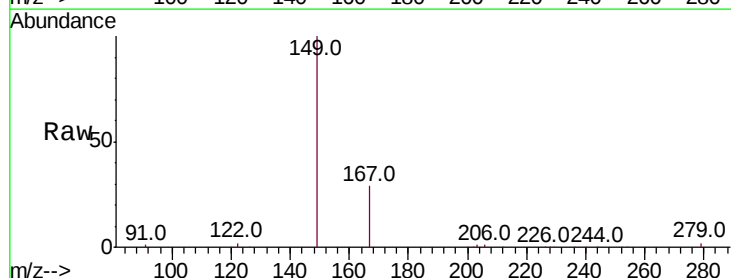
Tgt Ion:149 Resp: 71300

Ion Ratio Lower Upper

149 100

167 29.3 23.4 35.0

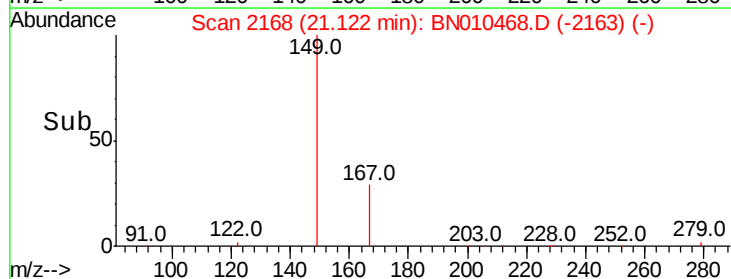
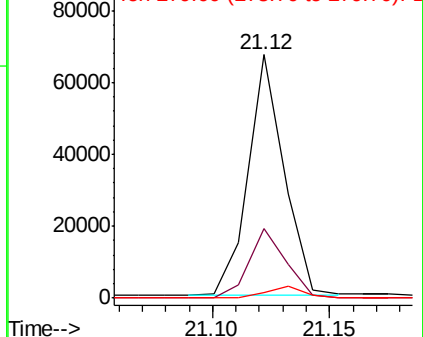
279 4.8 4.0 6.0

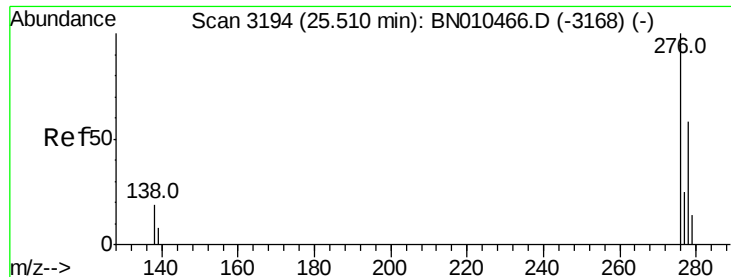


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.284 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

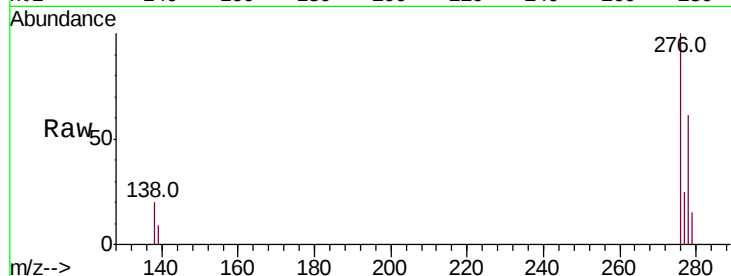
Tot Ion:276 Resp: 124555

Ion Ratio Lower Upper

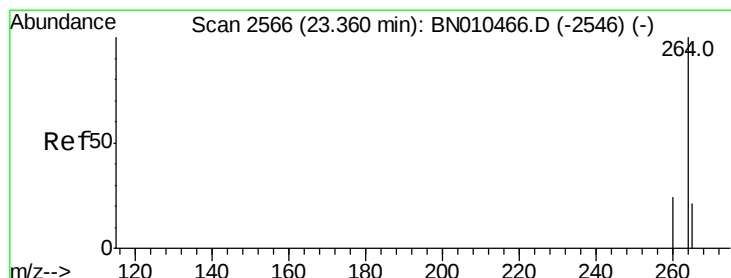
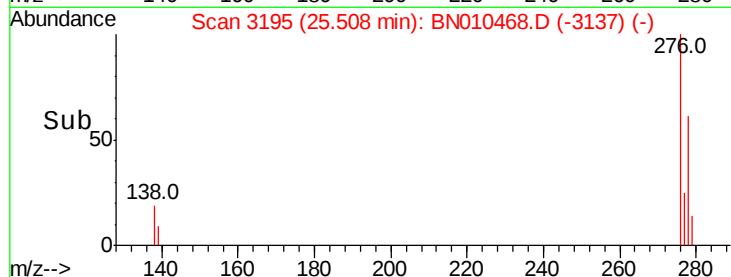
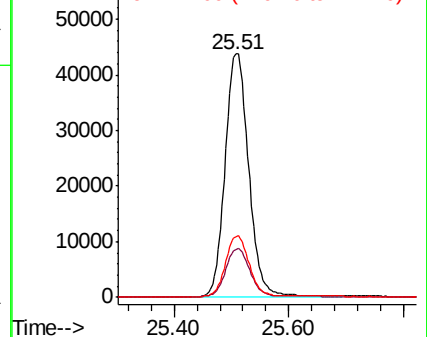
276 100

138 20.3 16.4 24.6

277 25.0 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: 23.36 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

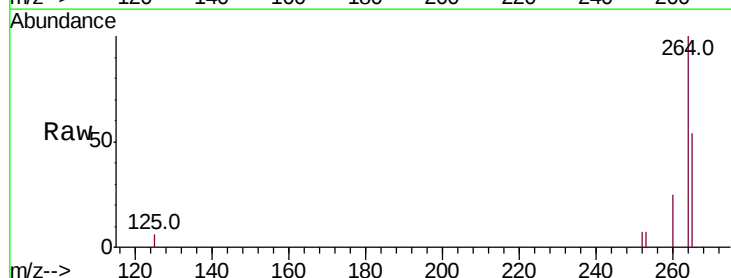
Tgt Ion:264 Resp: 22698

Ion Ratio Lower Upper

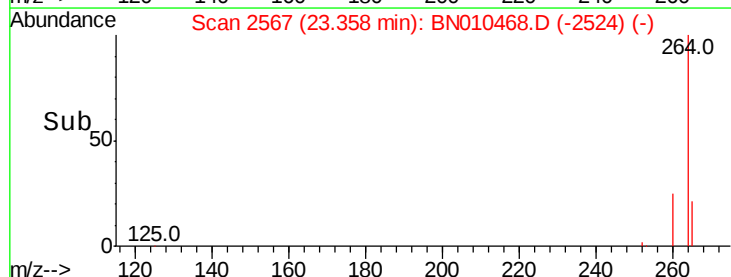
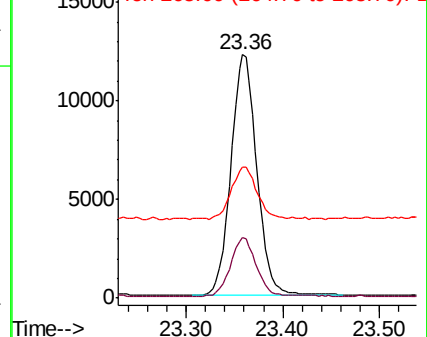
264 100

260 25.0 19.8 29.8

265 53.7 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

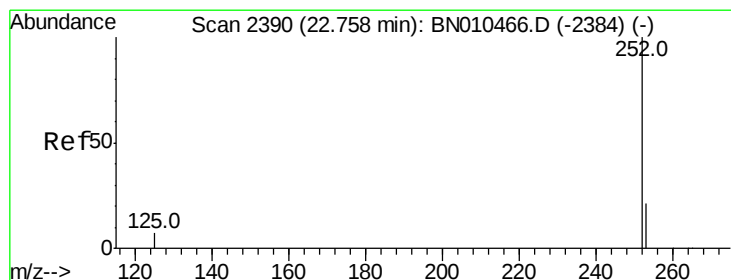
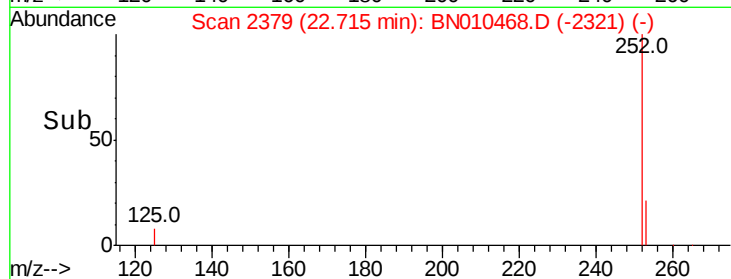
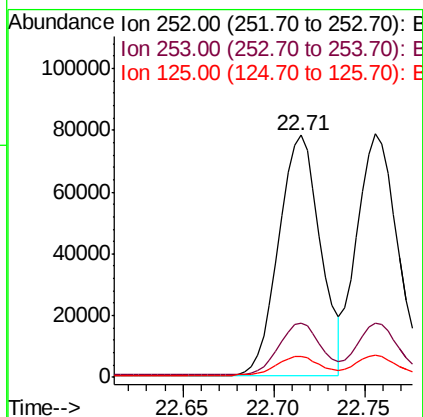
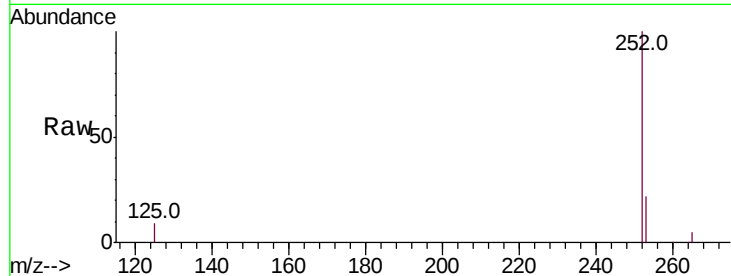




#35
Benzo(b)fluoranthene
Concen: 1.611 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

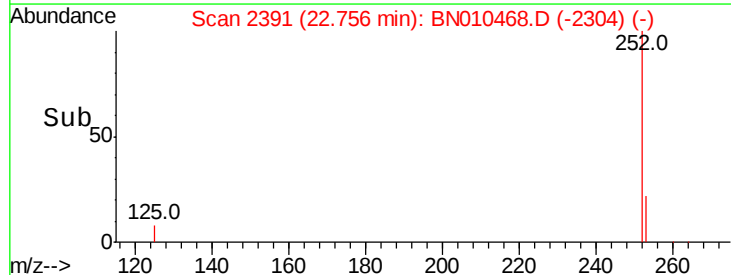
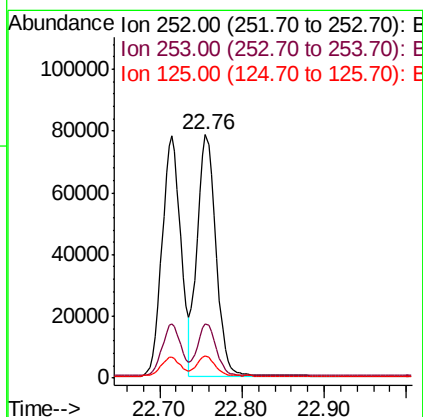
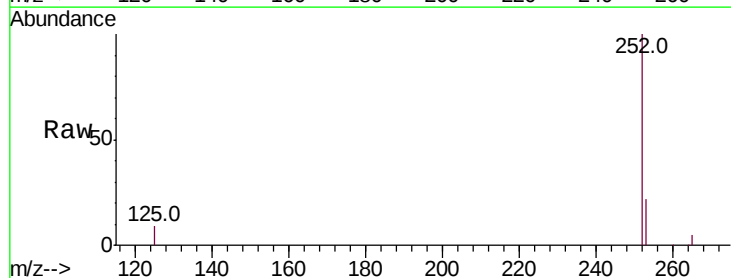
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

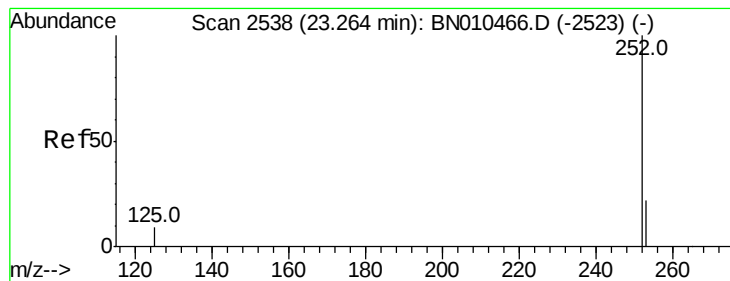
Tot Ion:252 Resp: 124254
Ion Ratio Lower Upper
252 100
253 22.3 20.2 30.4
125 8.7 9.2 13.8#



#36
Benzo(k)fluoranthene
Concen: 1.585 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:252 Resp: 124384
Ion Ratio Lower Upper
252 100
253 22.4 20.1 30.1
125 8.9 9.6 14.4#





#37

Benzo(a)pyrene

Concen: 1.693 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

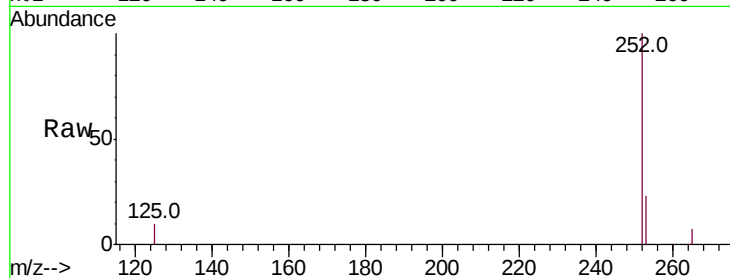
Tot Ion:252 Resp: 110149

Ion Ratio Lower Upper

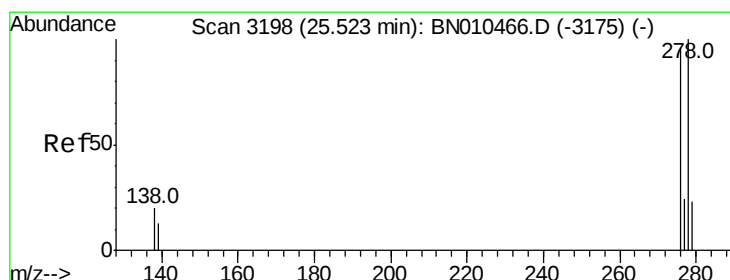
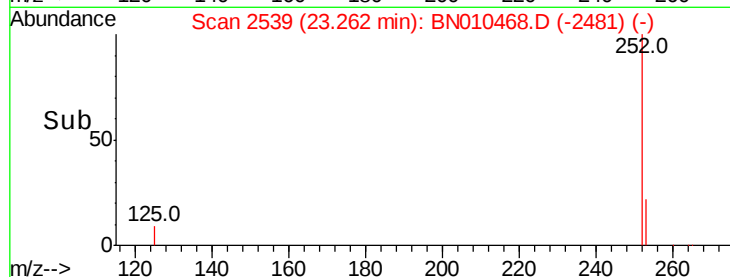
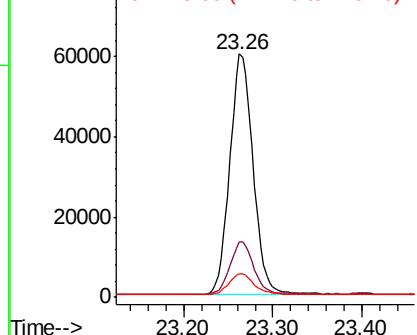
252 100

253 22.7 21.8 32.8

125 9.8 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: 1.439 ng

RT: 25.52 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

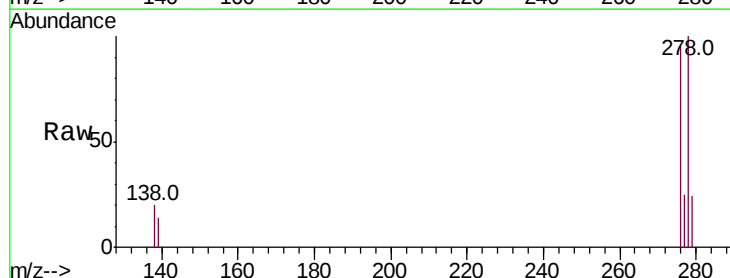
Tgt Ion:278 Resp: 101230

Ion Ratio Lower Upper

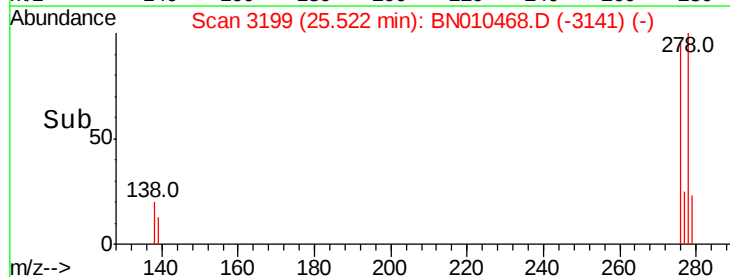
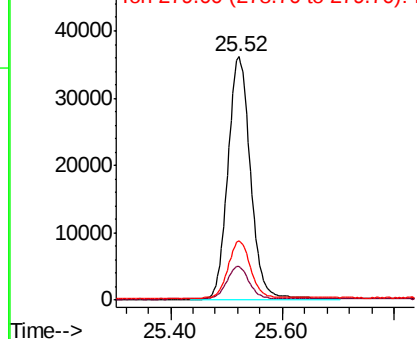
278 100

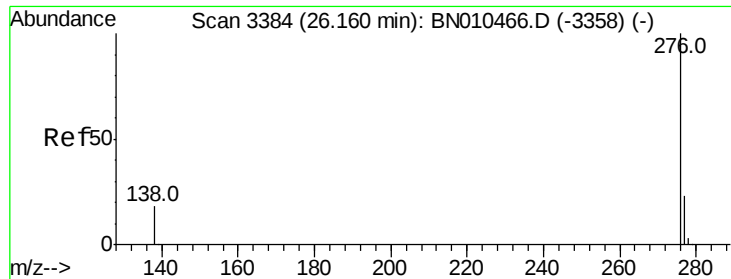
139 13.7 12.3 18.5

279 24.3 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: 1.425 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BN010468.D

Acq: 13 Apr 2020 15:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

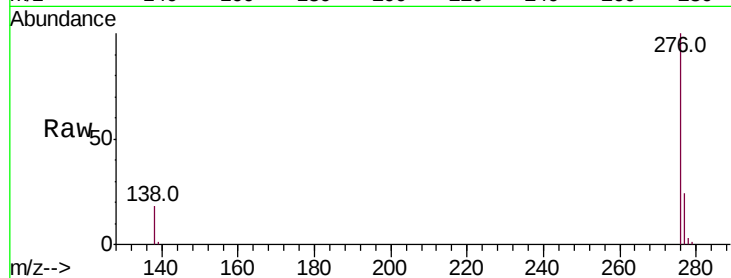
Tot Ion:276 Resp: 100885

Ion Ratio Lower Upper

276 100

277 23.9 20.2 30.2

138 17.9 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

