

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004888.D
 Acq On : 22 Mar 2019 14:13
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 22 15:01:53 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	2739	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	13211	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	8040	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	19004	0.40	ng	0.00
27) Chrysene-d12	21.29	240	24850	0.40	ng	0.00
34) Perylene-d12	23.54	264	25399	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	2979	0.40	ng	0.00
5) Phenol-d6	6.88	99	4038	0.44	ng	0.00
8) Nitrobenzene-d5	8.86	82	3461	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	9203	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1872	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	13618	0.41	ng	-0.01
25) Fluoranthene-d10	19.13	212	24490	0.38	ng	0.00
29) Terphenyl-d14	19.72	244	20316	0.40	ng	0.00

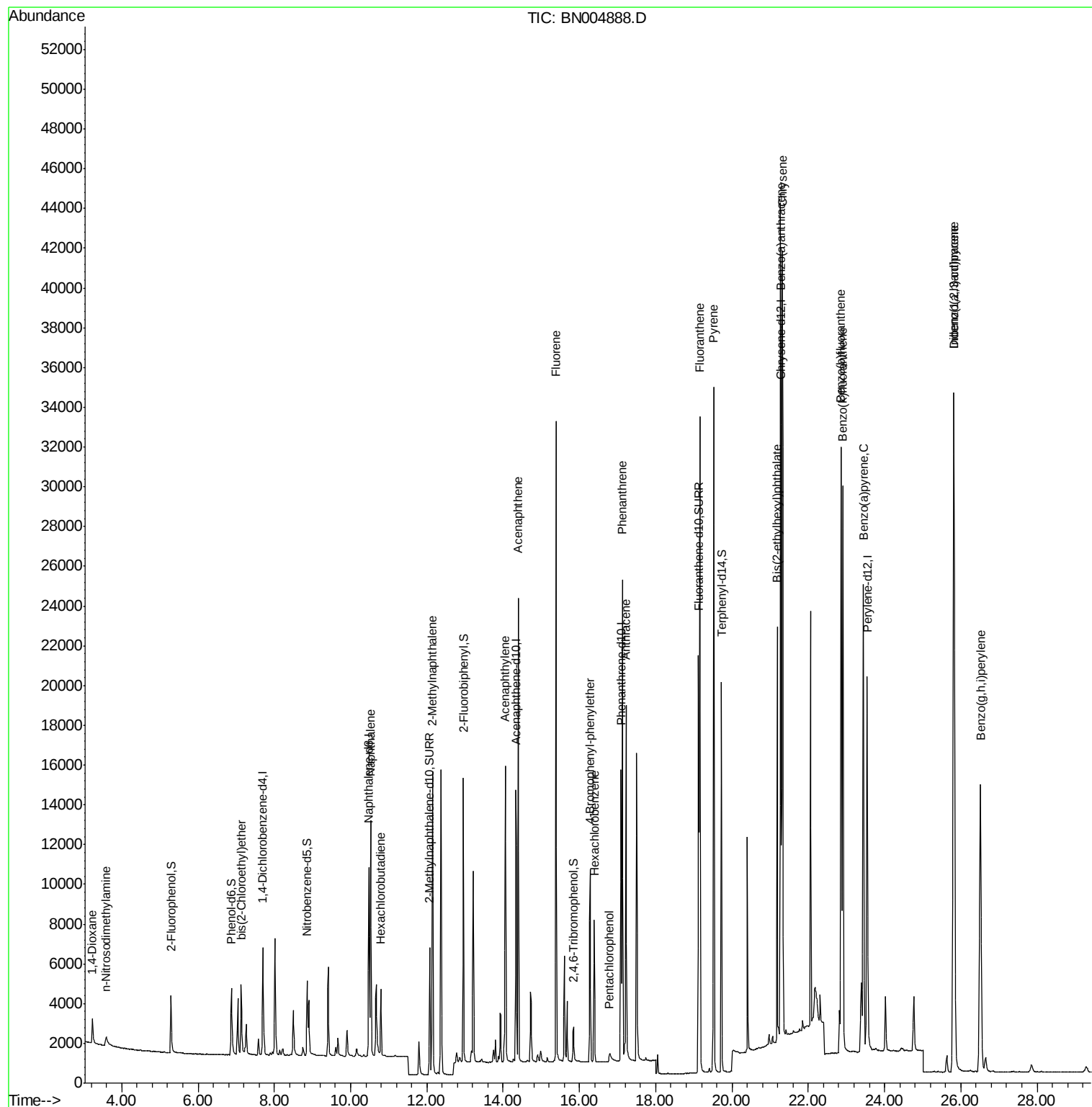
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	1052	0.338	ng	94
3) n-Nitrosodimethylamine	3.58	42	550	0.299	ng	# 97
6) bis(2-Chloroethyl)ether	7.14	93	3468	0.415	ng	97
9) Naphthalene	10.53	128	15113	0.408	ng	98
10) Hexachlorobutadiene	10.80	225	2770	0.392	ng	# 97
12) 2-Methylnaphthalene	12.15	142	11181	0.406	ng	99
16) Acenaphthylene	14.05	152	17316	0.418	ng	100
17) Acenaphthene	14.40	154	11190	0.413	ng	99
18) Fluorene	15.39	166	14763	0.390	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	4964	0.400	ng	# 90
21) Hexachlorobenzene	16.39	284	5664	0.399	ng	96
22) Pentachlorophenol	16.79	266	378	0.136	ng	94
23) Phenanthrene	17.13	178	24743	0.403	ng	99
24) Anthracene	17.23	178	22260	0.406	ng	100
26) Fluoranthene	19.16	202	30945	0.392	ng	99
28) Pyrene	19.52	202	32163	0.424	ng	100
30) Benzo(a)anthracene	21.27	228	34484	0.423	ng	98
31) Chrysene	21.32	228	34979	0.408	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	17071	0.524	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	39332	0.317	ng	99
35) Benzo(b)fluoranthene	22.86	252	38832	0.423	ng	99
36) Benzo(k)fluoranthene	22.91	252	36811	0.407	ng	99
37) Benzo(a)pyrene	23.45	252	33810	0.401	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	32442	0.332	ng	99
39) Benzo(g,h,i)perylene	26.52	276	31321	0.315	ng	99

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

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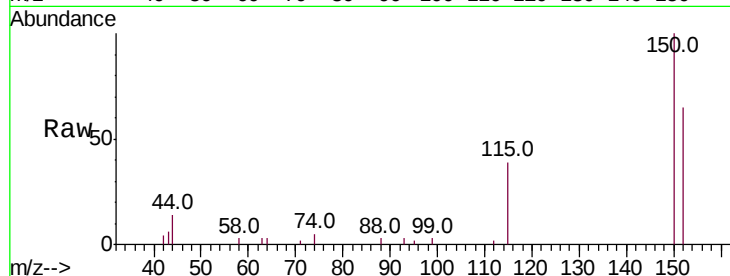


#1

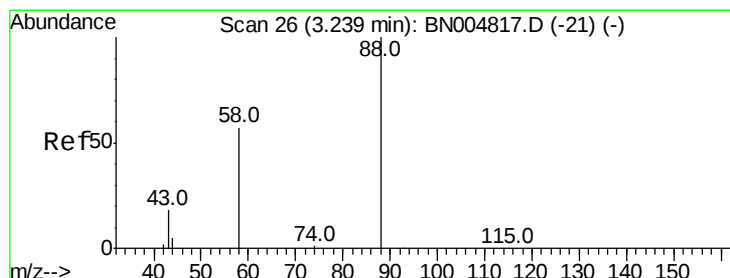
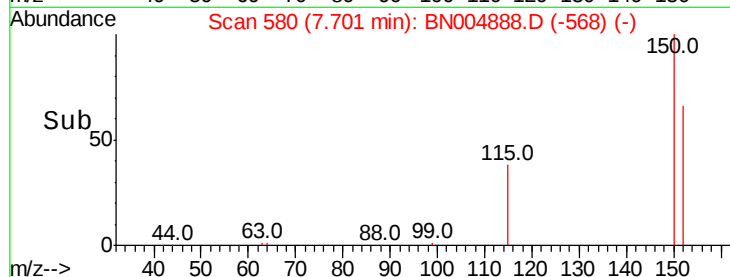
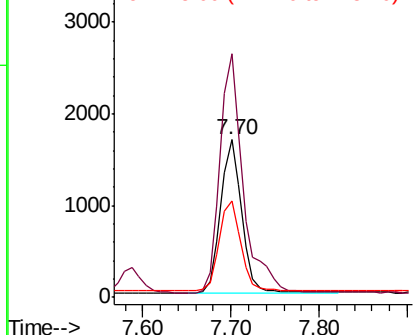
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004888.D
Acq: 22 Mar 2019 14:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2739
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.4
115 60.9 52.6 79.0



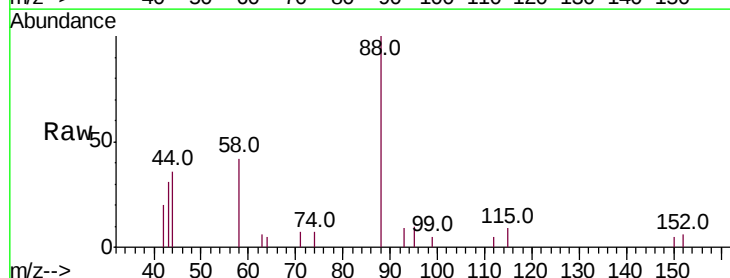
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



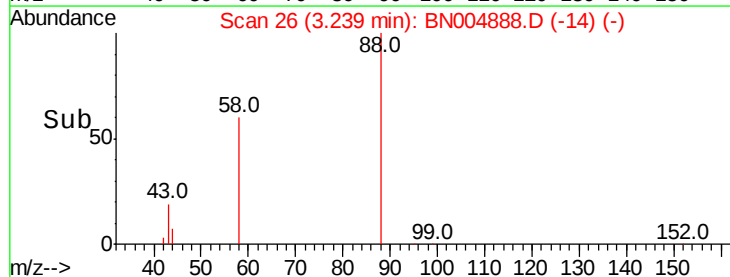
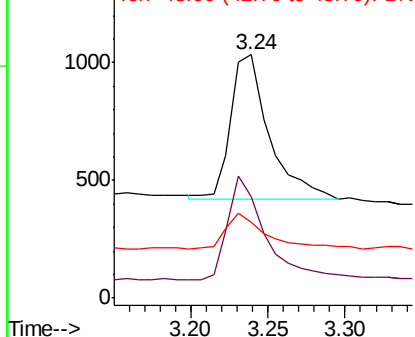
#2

1,4-Dioxane
Concen: 0.338 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN004888.D
Acq: 22 Mar 2019 14:13

Tgt Ion: 88 Resp: 1052
Ion Ratio Lower Upper
88 100
58 70.7 51.4 77.2
43 25.5 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: 0.299 ng

RT: 3.58 min Scan# 68

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

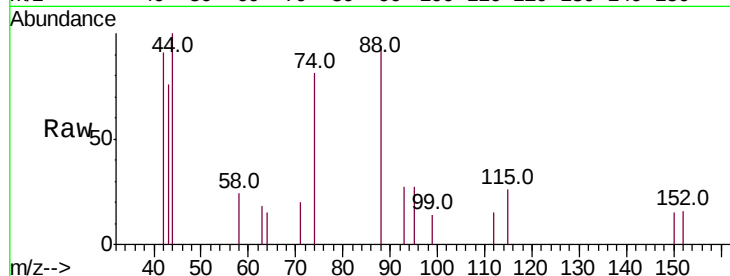
Tot Ion: 42 Resp: 550

Ion Ratio Lower Upper

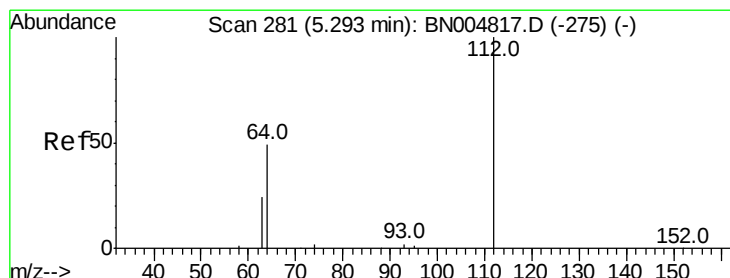
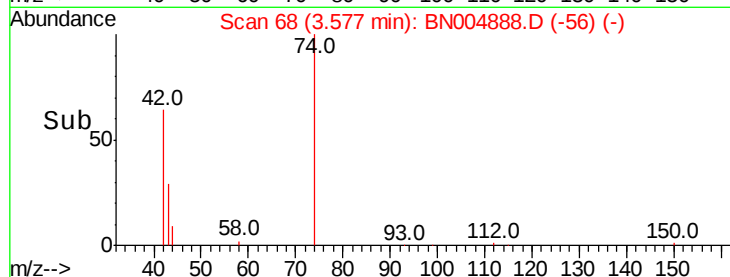
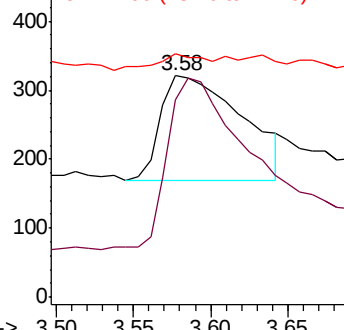
42 100

74 156.7 128.4 192.6

44 9.3 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.400 ng

RT: 5.29 min Scan# 281

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

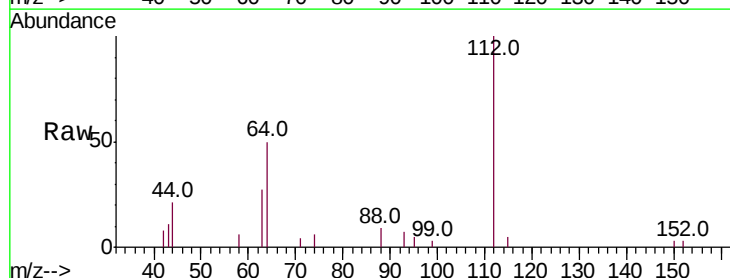
Tgt Ion: 112 Resp: 2979

Ion Ratio Lower Upper

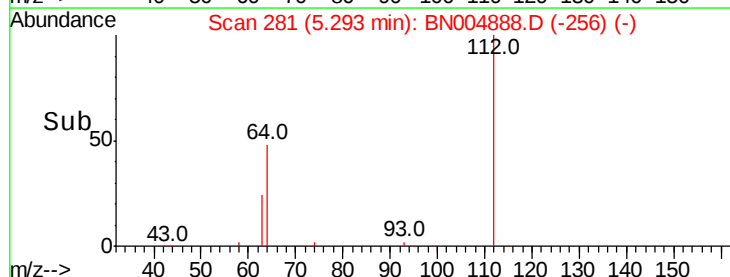
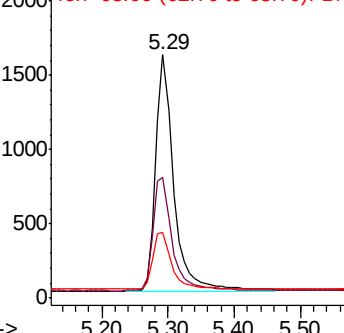
112 100

64 50.9 40.0 60.0

63 25.0 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.436 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

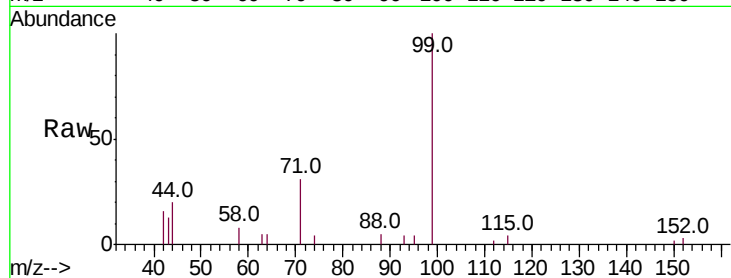
Tot Ion: 99 Resp: 4038

Ion Ratio Lower Upper

99 100

42 14.3 12.7 19.1

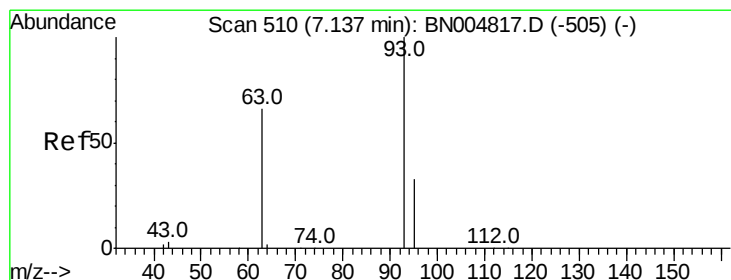
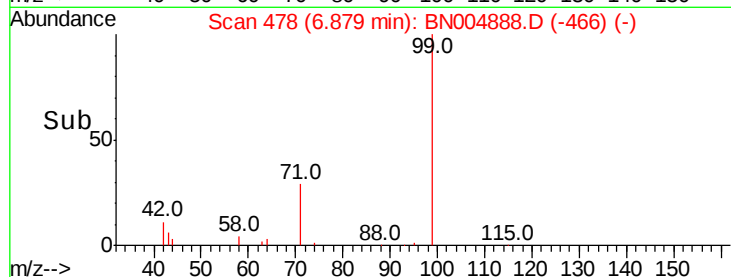
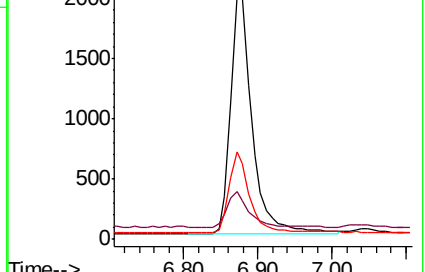
71 33.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004888.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004888.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004888.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.415 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

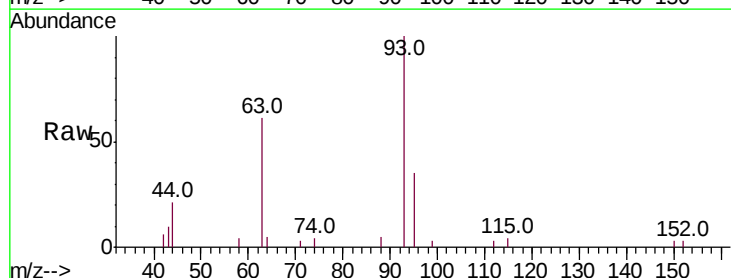
Tgt Ion: 93 Resp: 3468

Ion Ratio Lower Upper

93 100

63 62.8 52.6 78.8

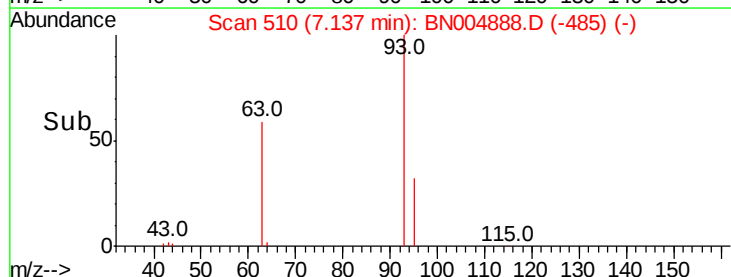
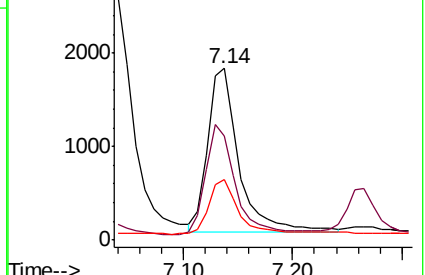
95 31.8 25.9 38.9

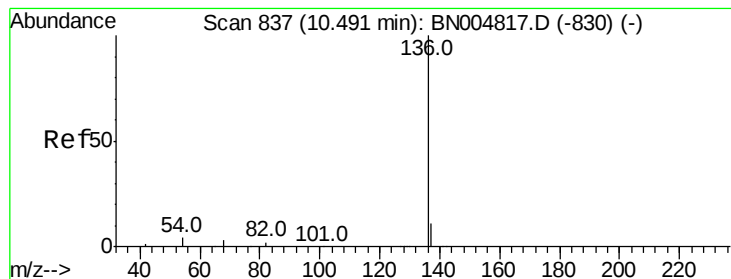


Abundance Ion 93.00 (92.70 to 93.70): BN004888.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004888.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004888.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 13211

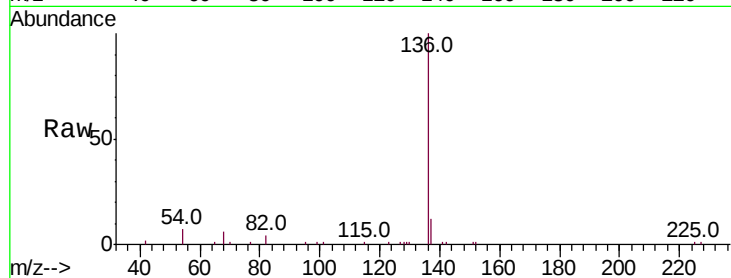
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 6.5 4.2 6.2#

68 5.7 3.9 5.9

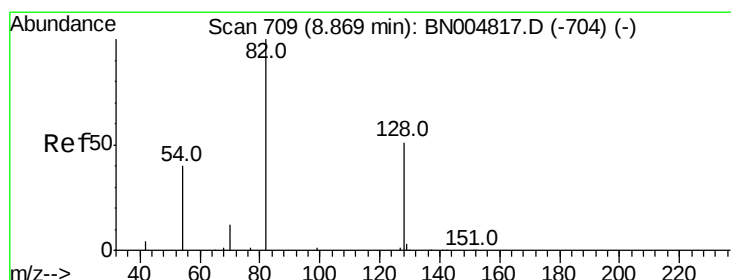
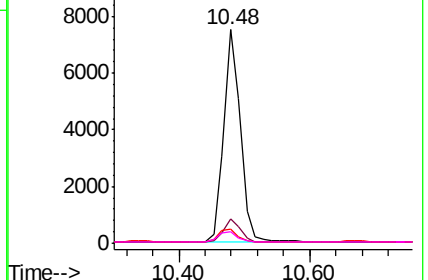
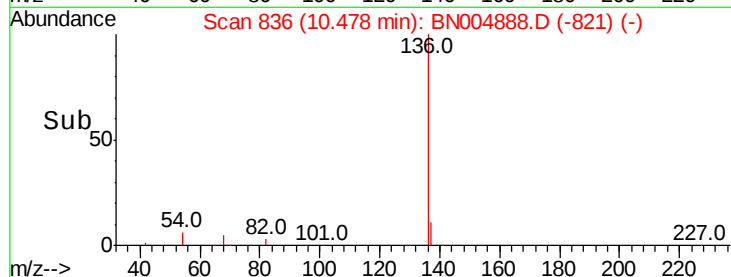


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.396 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

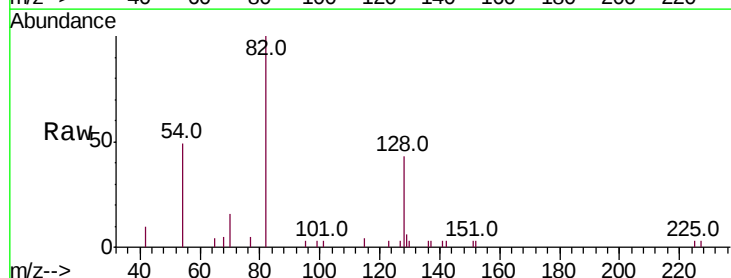
Tgt Ion: 82 Resp: 3461

Ion Ratio Lower Upper

82 100

128 42.9 43.0 64.6#

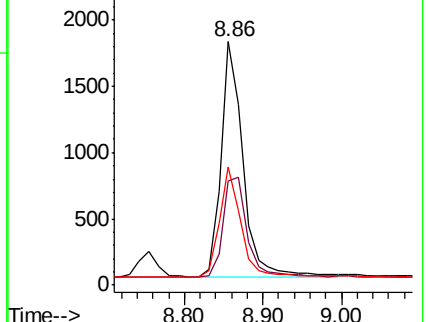
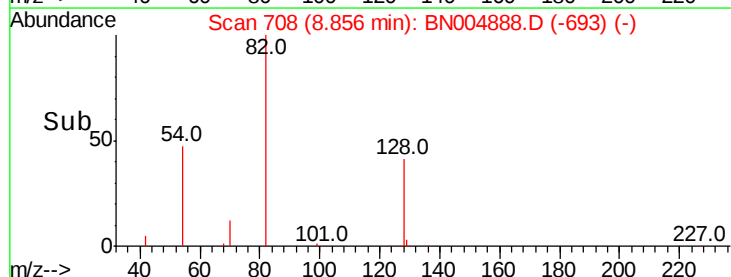
54 48.6 35.3 52.9

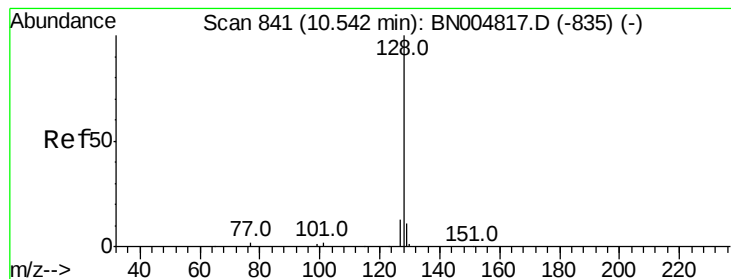


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.408 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

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BNA_N

ClientSampleId :

SSTDCCC0.4EC

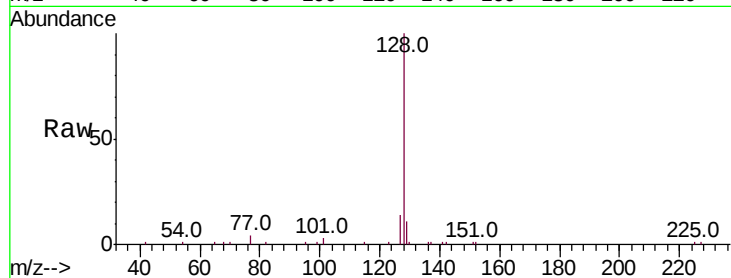
Tot Ion:128 Resp: 15113

Ion Ratio Lower Upper

128 100

129 11.4 9.9 14.9

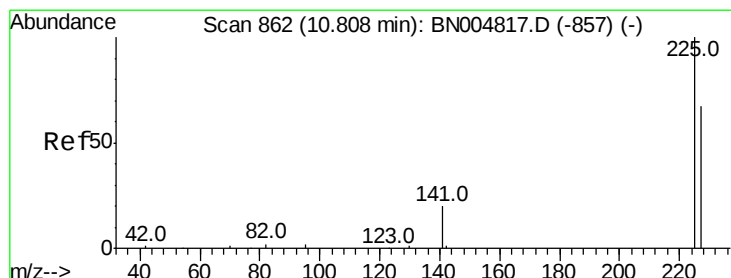
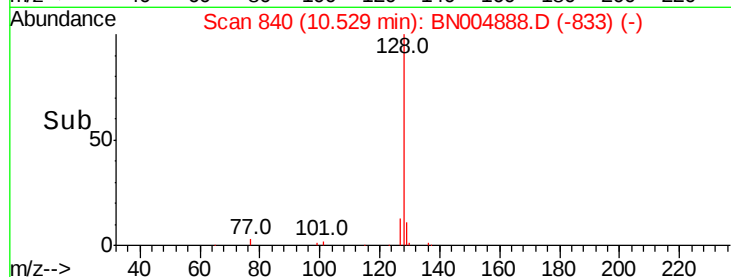
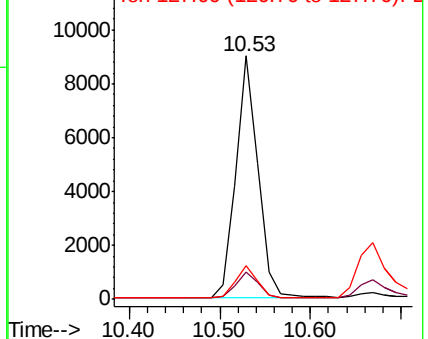
127 13.8 11.3 16.9



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: BN004888.D

Acq: 22 Mar 2019 14:13

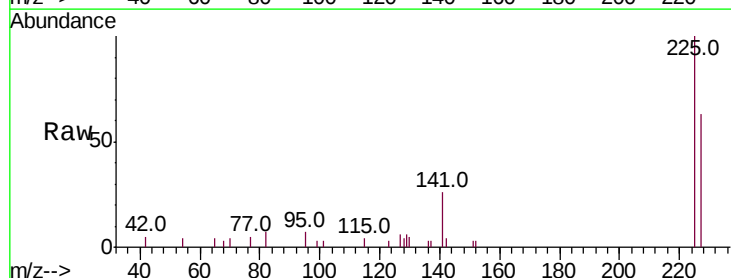
Tgt Ion:225 Resp: 2770

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

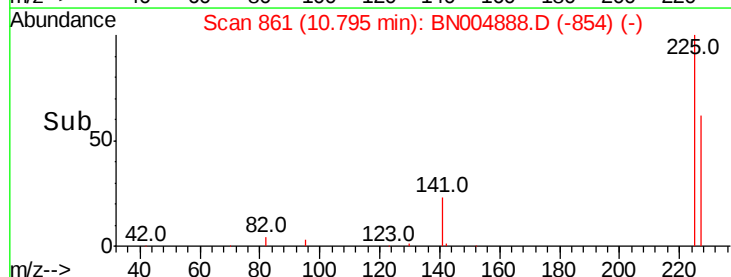
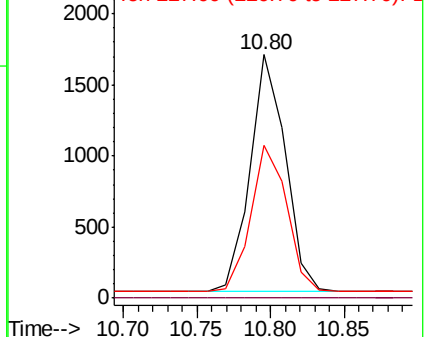
227 63.2 52.2 78.4

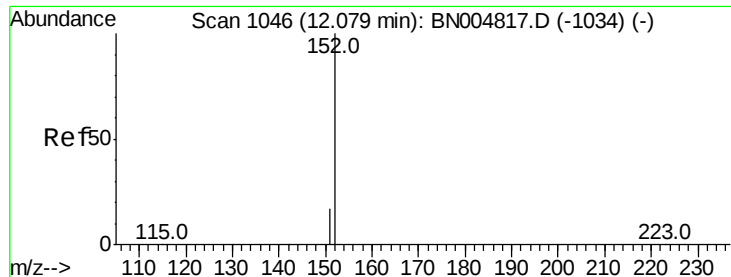


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

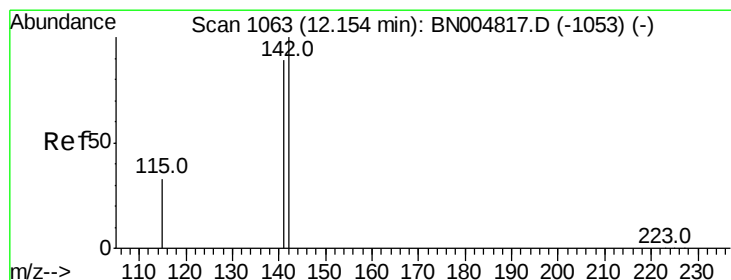
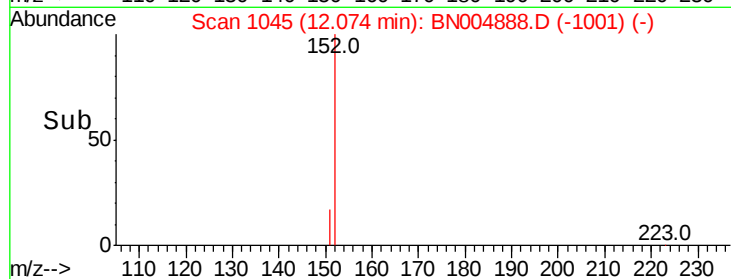
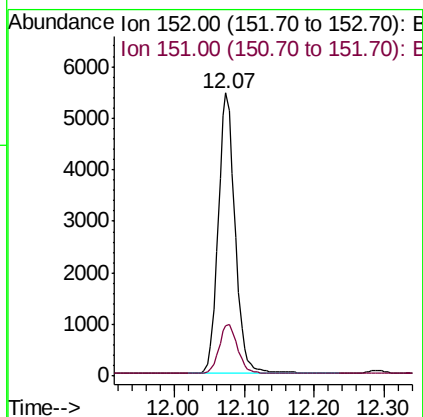
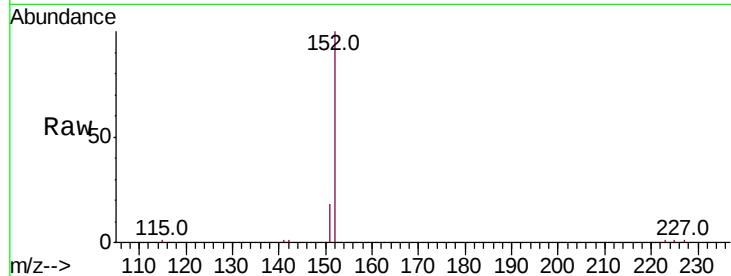




#11
 2-Methylnaphthalene-d10
 Concen: 0.399 ng
 RT: 12.07 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BN004888.D
 Acq: 22 Mar 2019 14:13

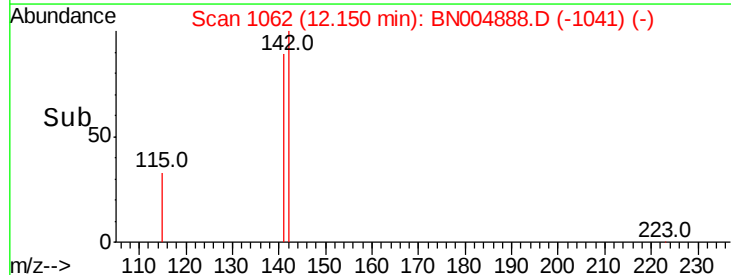
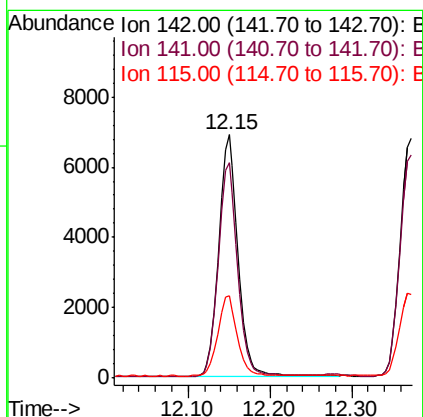
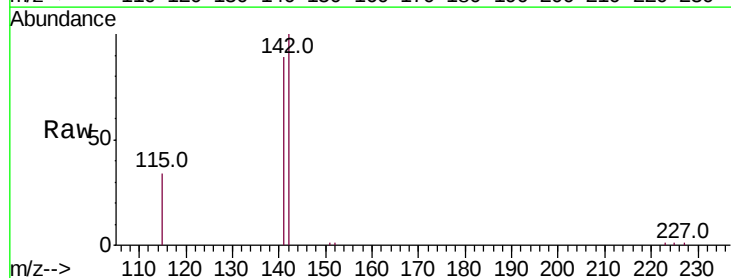
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:152 Resp: 9203
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.406 ng
 RT: 12.15 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BN004888.D
 Acq: 22 Mar 2019 14:13

Tgt Ion:142 Resp: 11181
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.4 107.2
 115 33.9 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: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

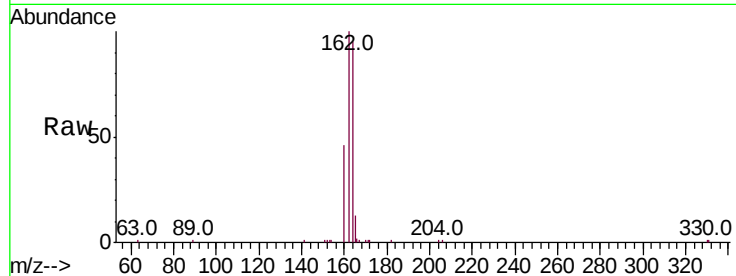
Tot Ion:164 Resp: 8040

Ion Ratio Lower Upper

164 100

162 105.7 81.9 122.9

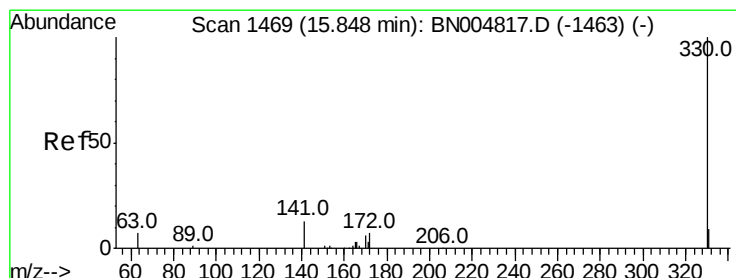
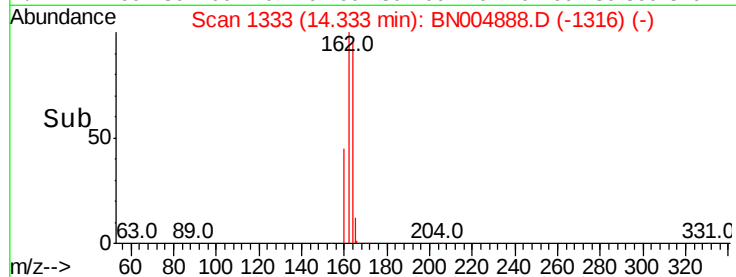
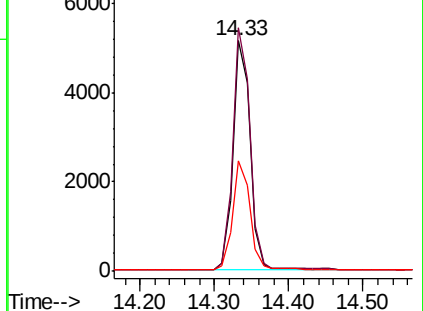
160 48.1 36.6 54.8



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: 0.337 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

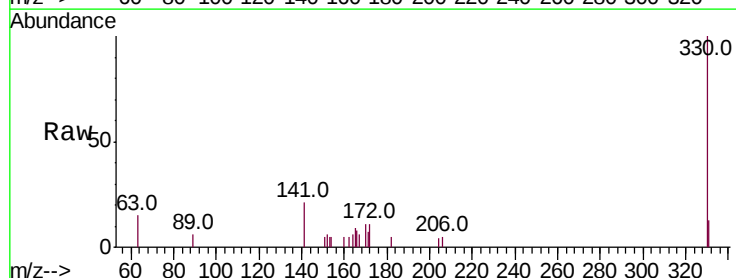
Tgt Ion:330 Resp: 1872

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

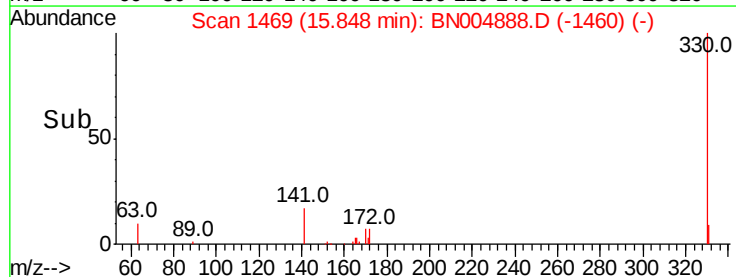
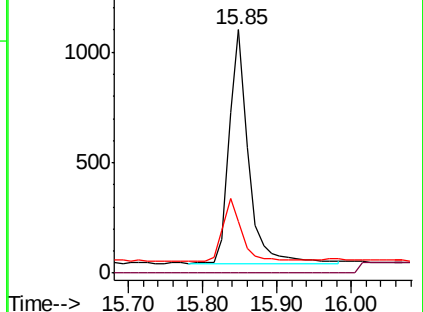
141 26.8 20.9 31.3



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

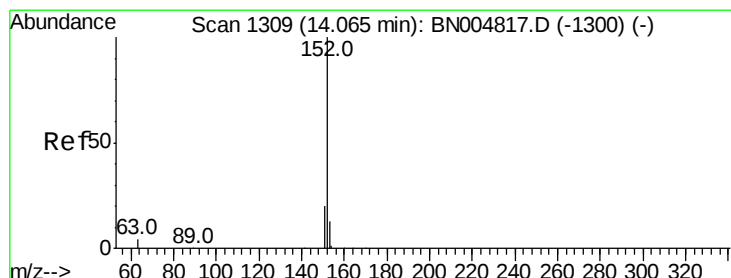
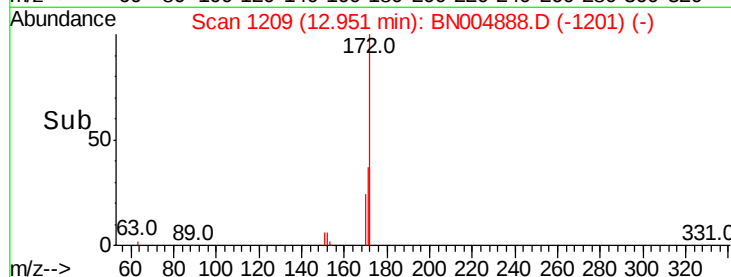
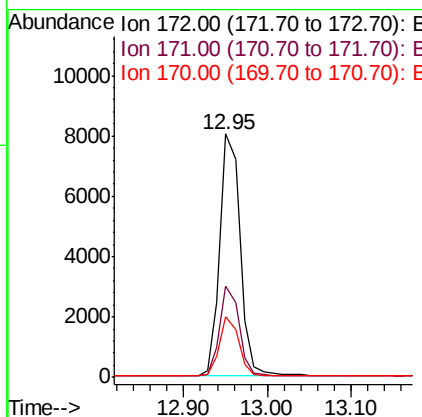
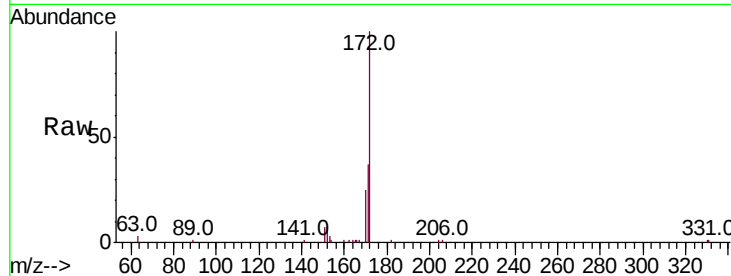




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004888.D
Acq: 22 Mar 2019 14:13

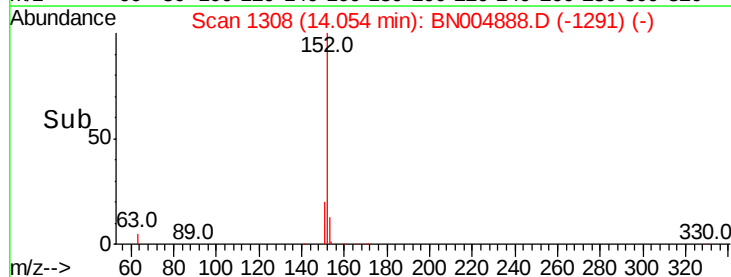
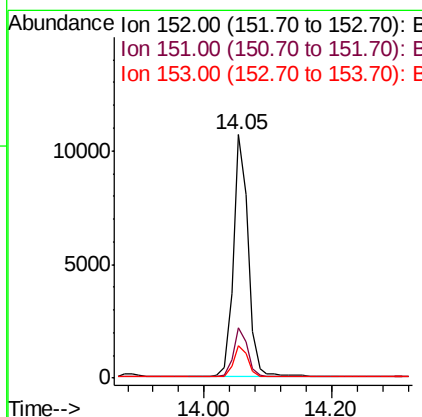
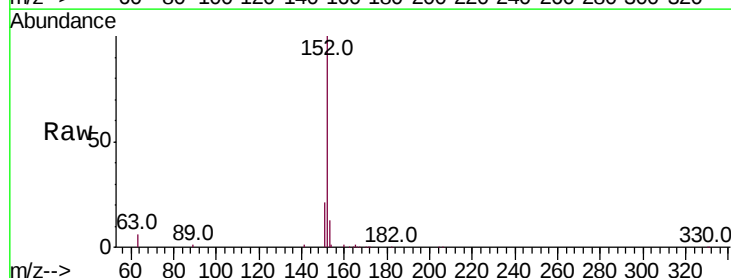
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 13618
Ion Ratio Lower Upper
172 100
171 37.3 28.7 43.1
170 24.6 18.7 28.1



#16
Acenaphthylene
Concen: 0.418 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004888.D
Acq: 22 Mar 2019 14:13

Tgt Ion:152 Resp: 17316
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.413 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

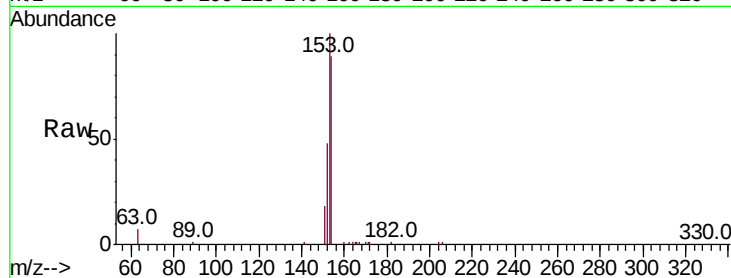
Tot Ion:154 Resp: 11190

Ion Ratio Lower Upper

154 100

153 113.1 91.4 137.2

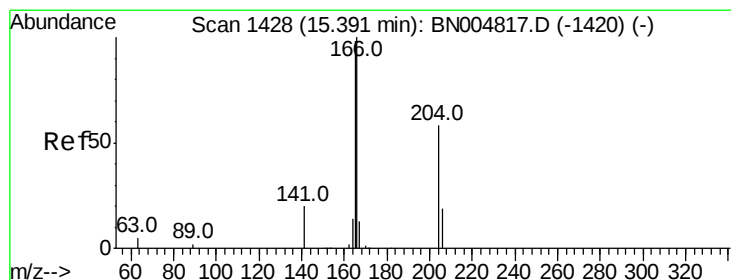
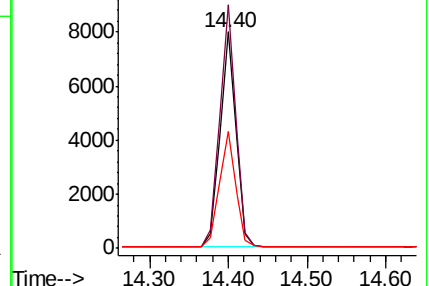
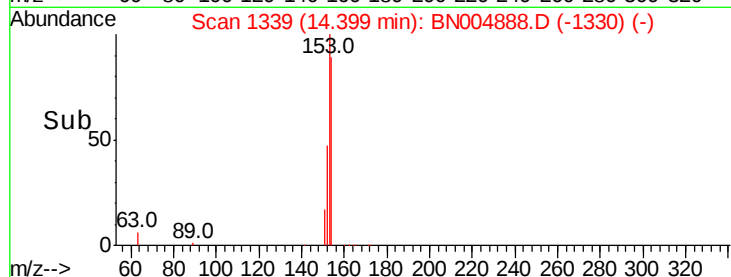
152 54.5 44.2 66.2



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: 0.390 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

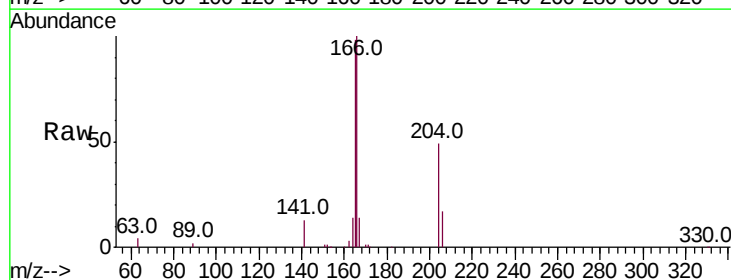
Tgt Ion:166 Resp: 14763

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.4

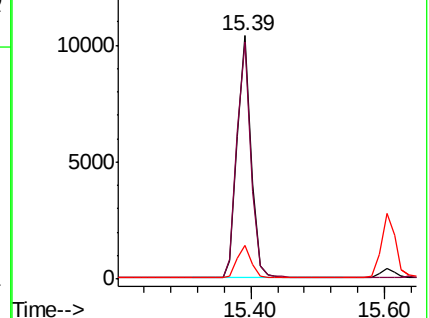
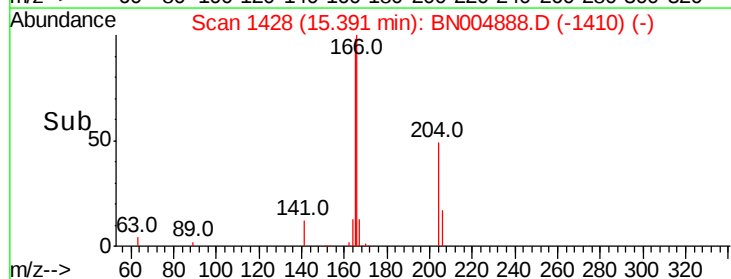
167 13.6 11.0 16.4

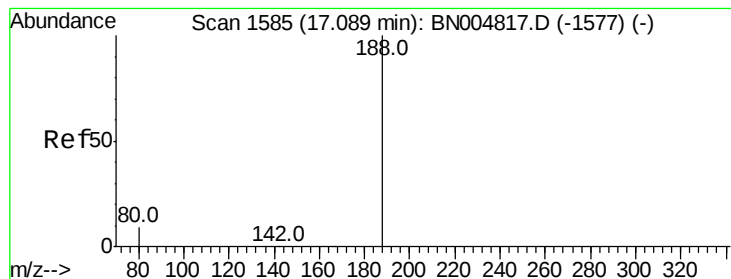


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

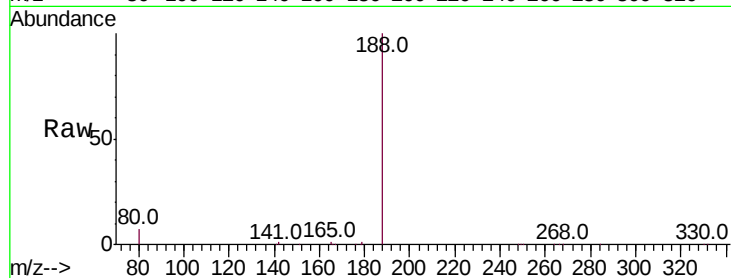
Tot Ion:188 Resp: 19004

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

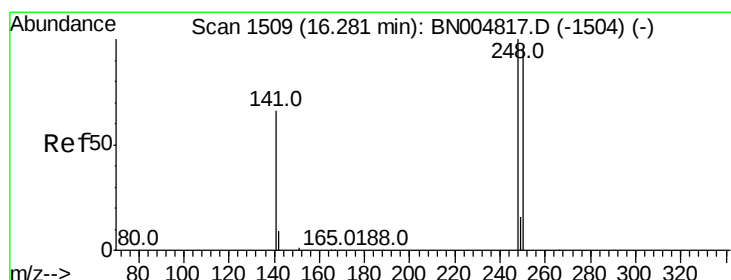
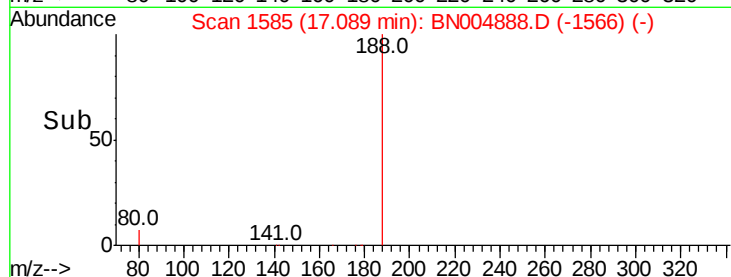
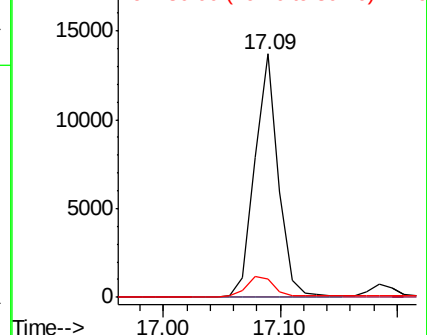
80 7.5 7.4 11.2



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: 0.400 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

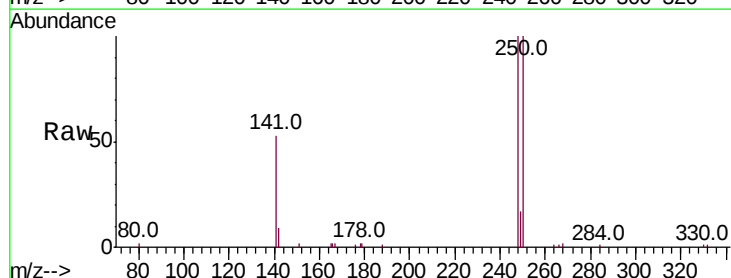
Tgt Ion:248 Resp: 4964

Ion Ratio Lower Upper

248 100

250 100.2 76.2 114.4

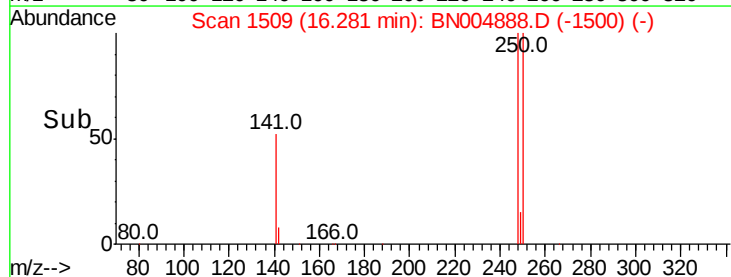
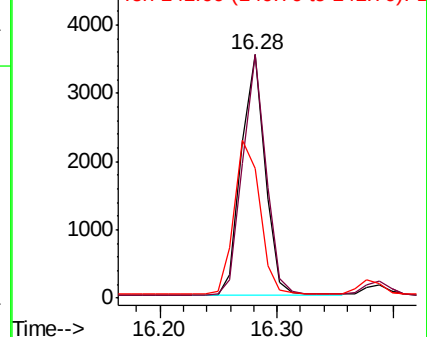
141 53.3 53.9 80.9#

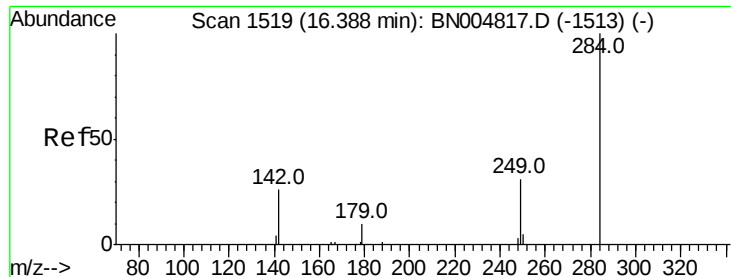


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.399 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

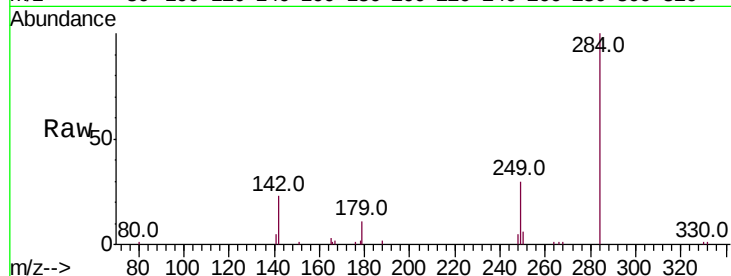
Tot Ion:284 Resp: 5664

Ion Ratio Lower Upper

284 100

142 30.6 22.6 34.0

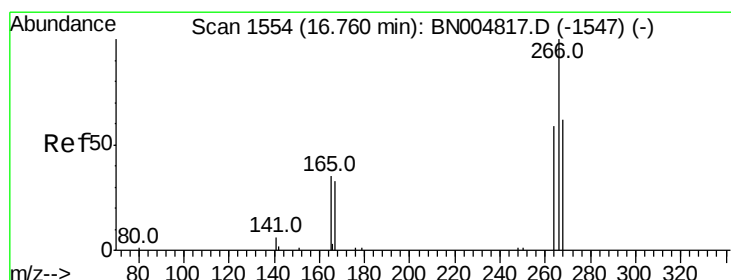
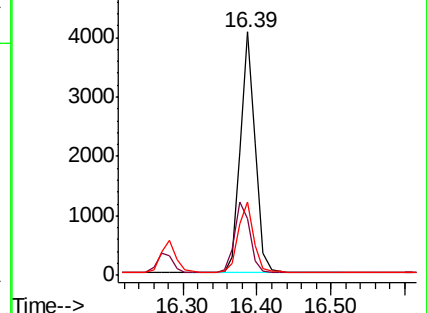
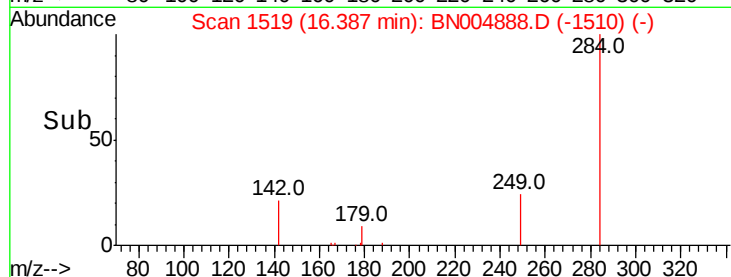
249 29.6 22.5 33.7



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: 0.136 ng

RT: 16.79 min Scan# 1557

Delta R.T. 0.03 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

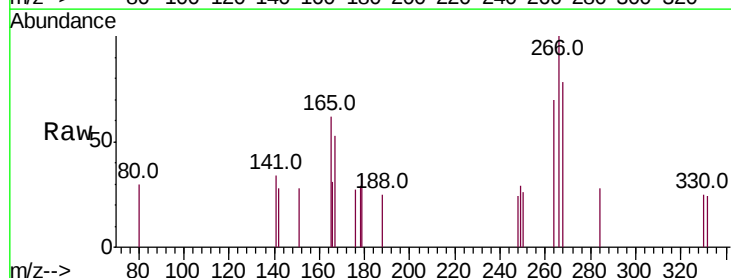
Tgt Ion:266 Resp: 378

Ion Ratio Lower Upper

266 100

264 70.0 53.1 79.7

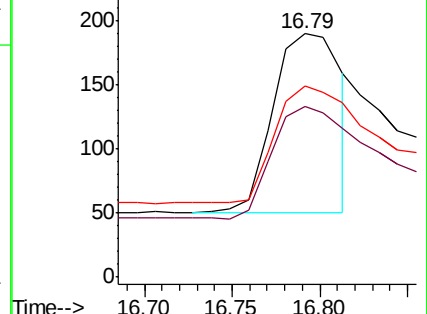
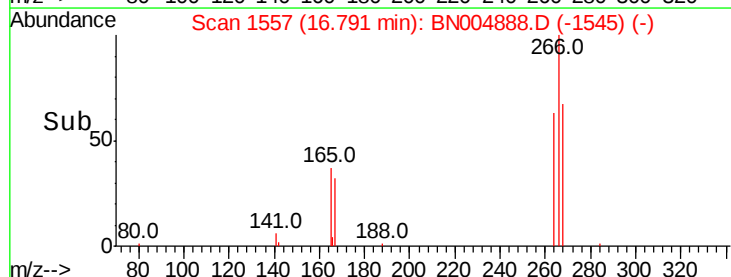
268 78.4 57.7 86.5

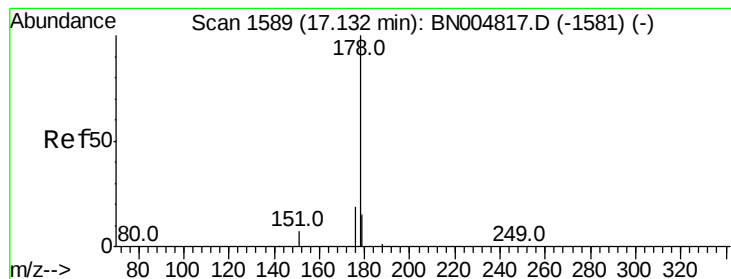


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

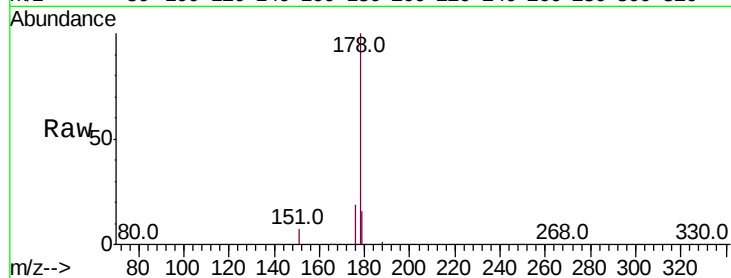
Tot Ion:178 Resp: 24743

Ion Ratio Lower Upper

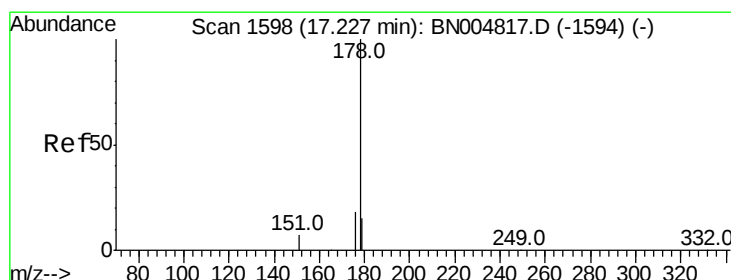
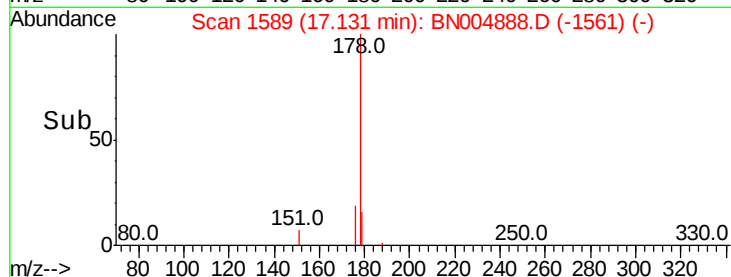
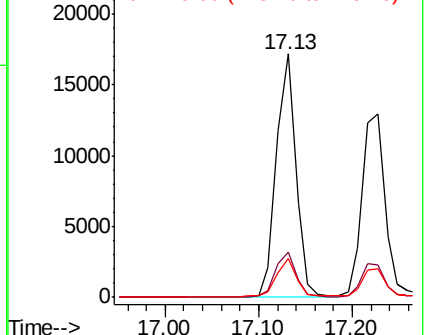
178 100

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: 0.406 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

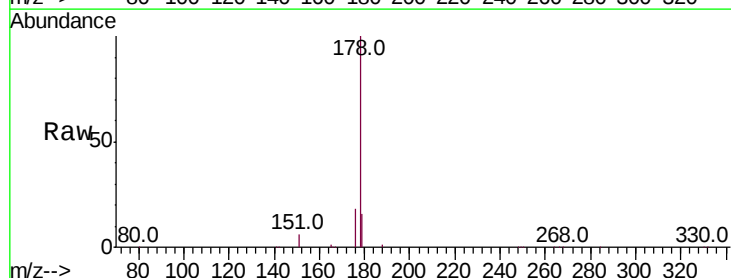
Tgt Ion:178 Resp: 22260

Ion Ratio Lower Upper

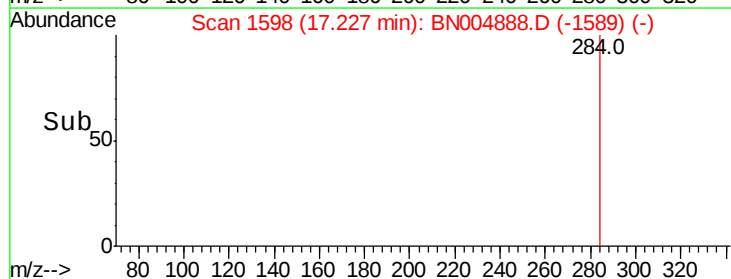
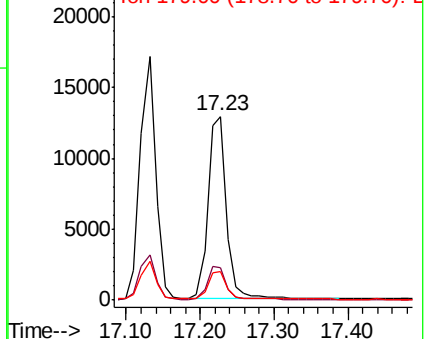
178 100

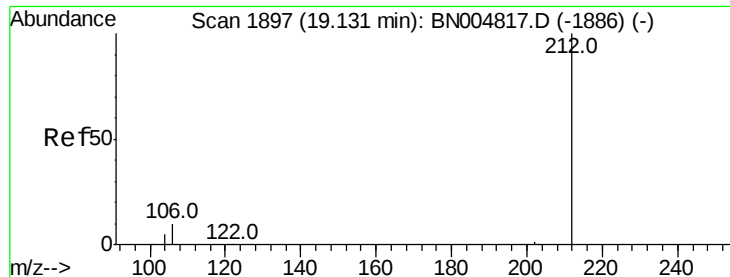
176 18.1 14.5 21.7

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: 0.385 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

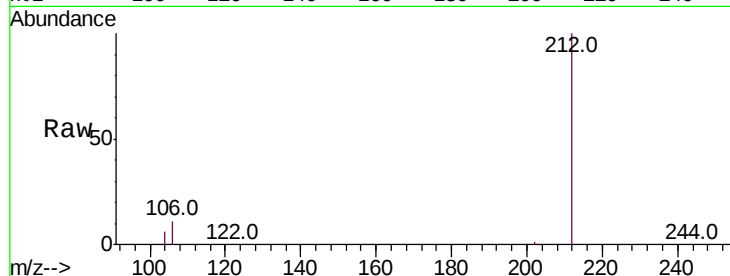
Tot Ion:212 Resp: 24490

Ion Ratio Lower Upper

212 100

106 11.5 8.6 13.0

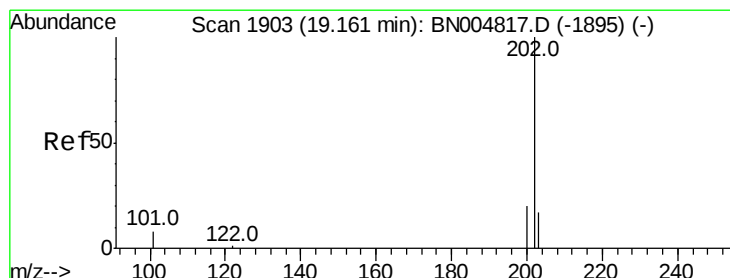
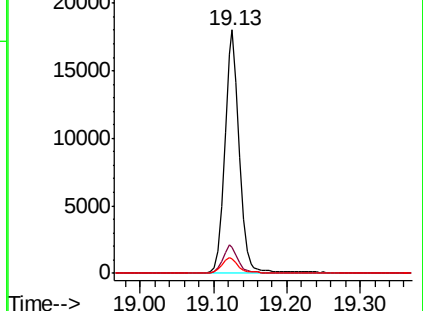
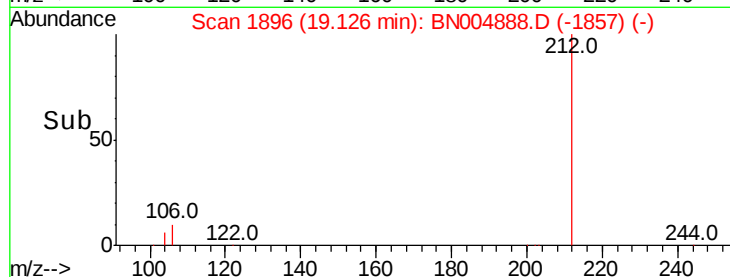
104 6.3 4.7 7.1



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: 0.392 ng

RT: 19.16 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

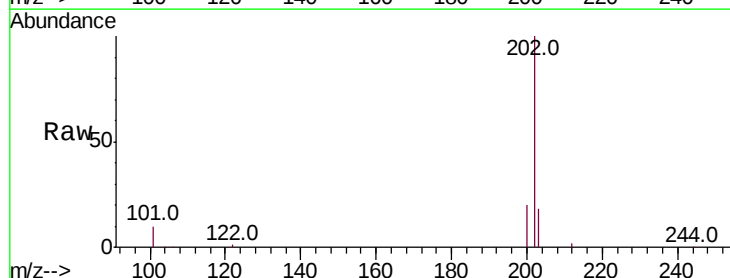
Tgt Ion:202 Resp: 30945

Ion Ratio Lower Upper

202 100

101 9.9 7.5 11.3

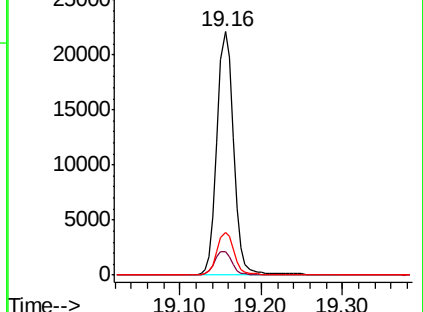
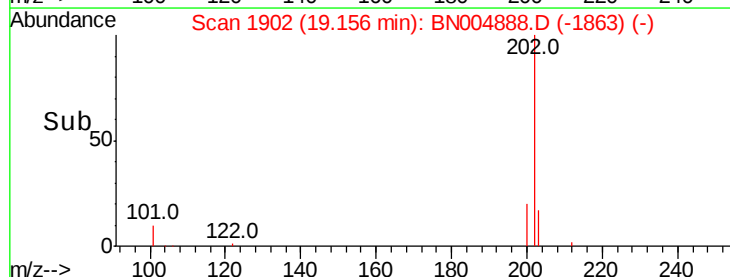
203 17.4 13.8 20.6



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: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

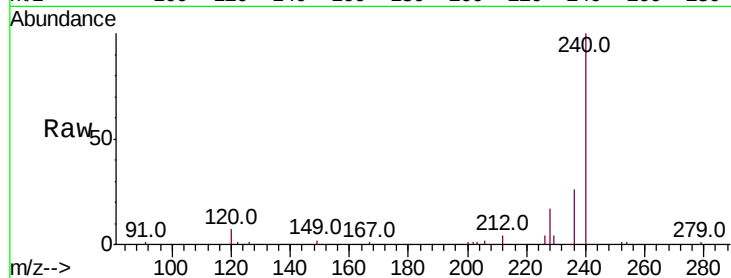
Tot Ion:240 Resp: 24850

Ion Ratio Lower Upper

240 100

120 6.5 7.2 10.8#

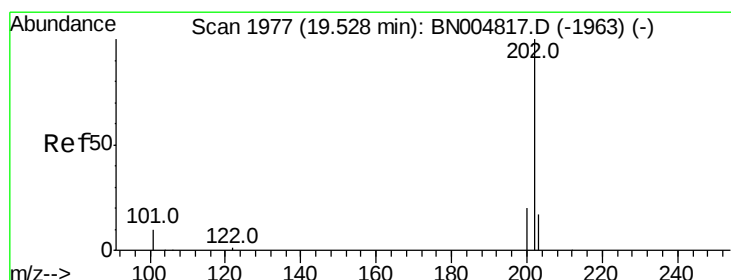
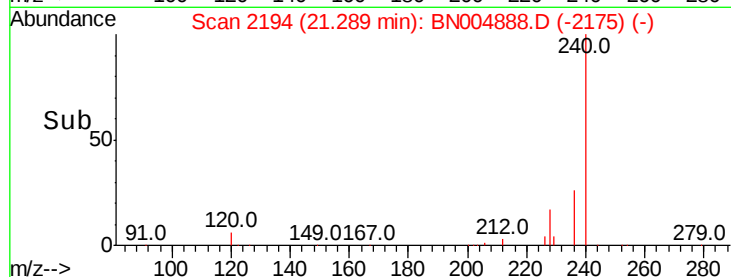
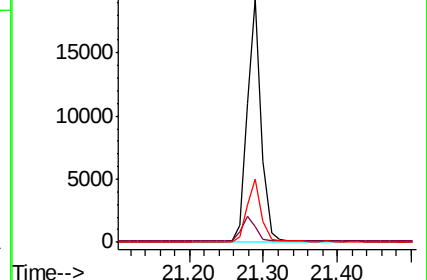
236 25.9 20.9 31.3



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: 0.424 ng

RT: 19.52 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

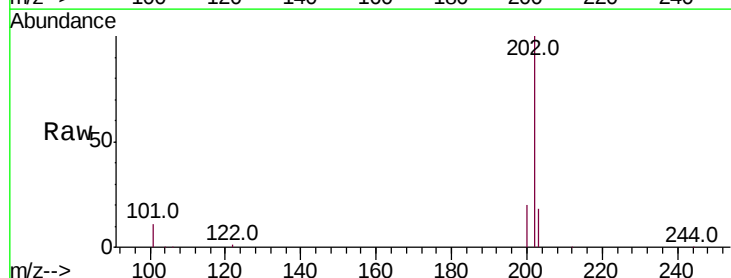
Tgt Ion:202 Resp: 32163

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

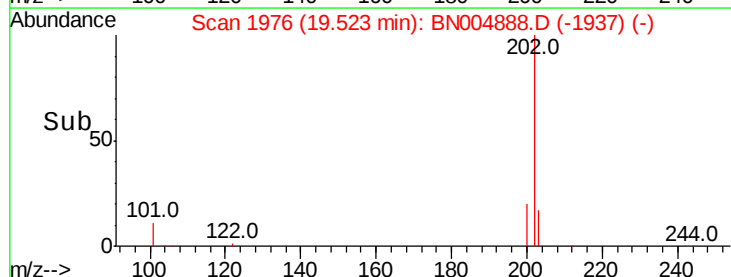
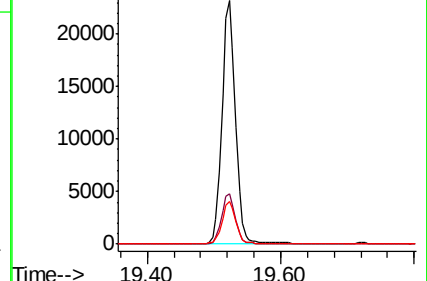
203 17.6 14.0 21.0

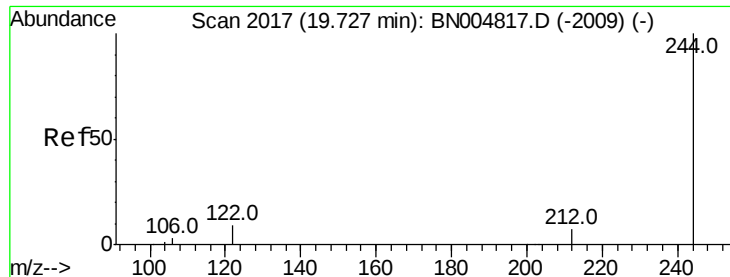


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

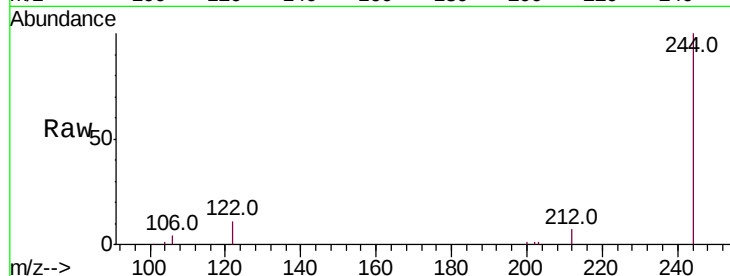
Tot Ion:244 Resp: 20316

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

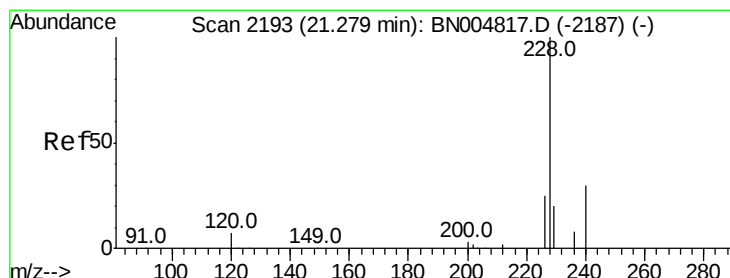
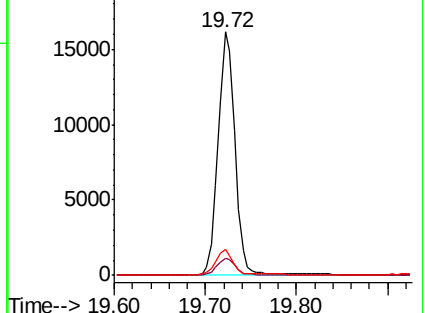
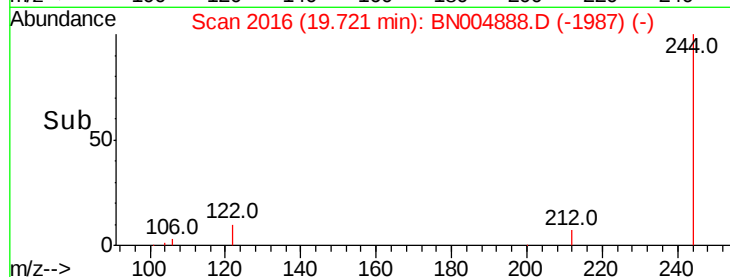
122 10.5 7.9 11.9



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: 0.423 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

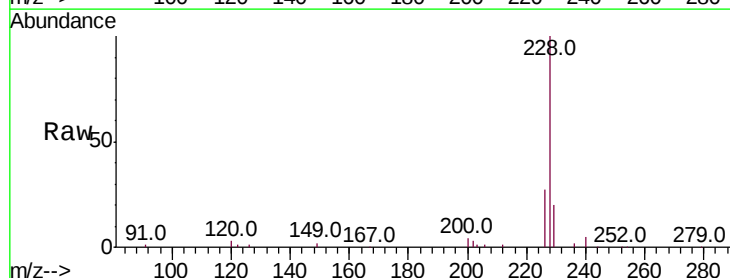
Tgt Ion:228 Resp: 34484

Ion Ratio Lower Upper

228 100

226 27.0 20.6 31.0

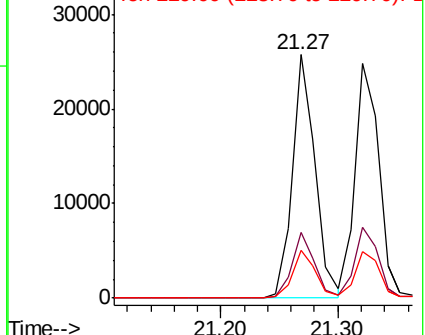
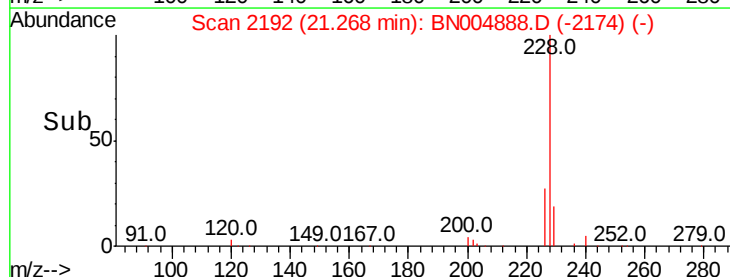
229 19.6 16.2 24.4

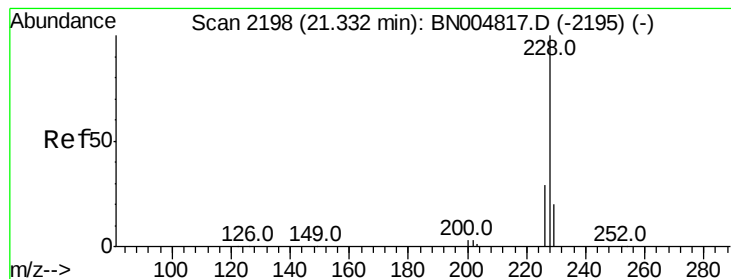


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

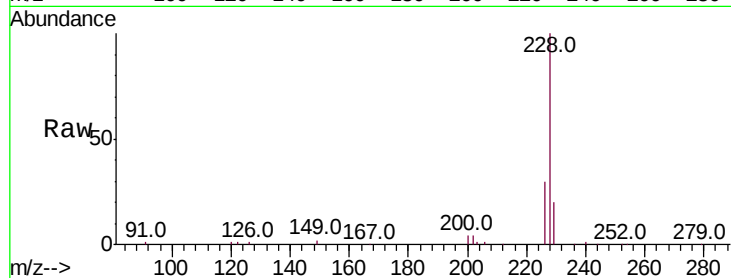
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 34979

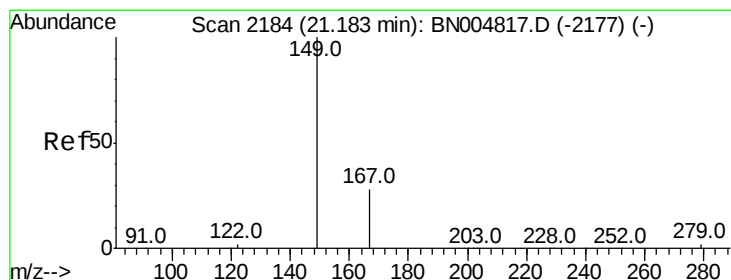
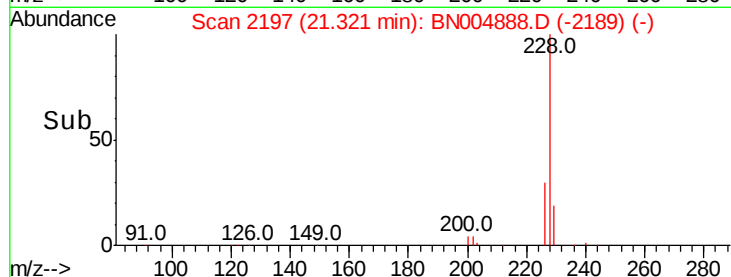
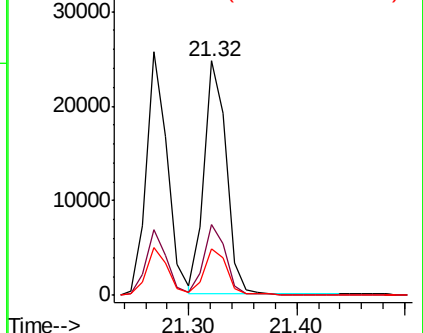
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.6
229	19.6	16.2	24.2



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: 0.524 ng

RT: 21.18 min Scan# 2184

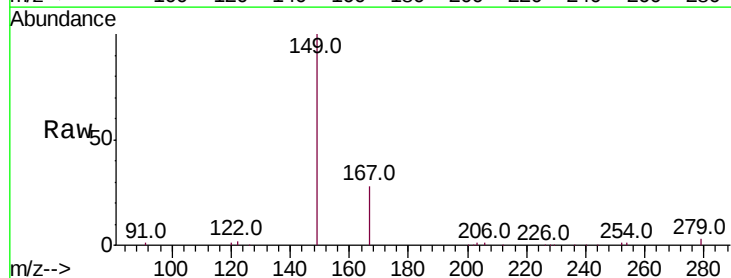
Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Tgt Ion:149 Resp: 17071

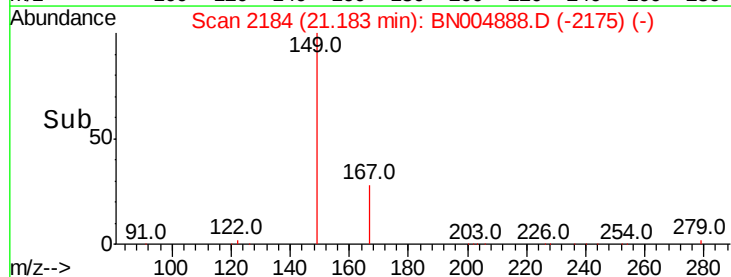
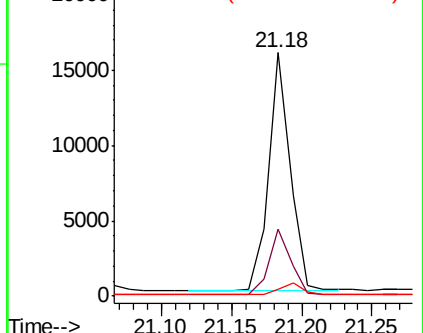
Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.4
279	5.3	4.6	6.8

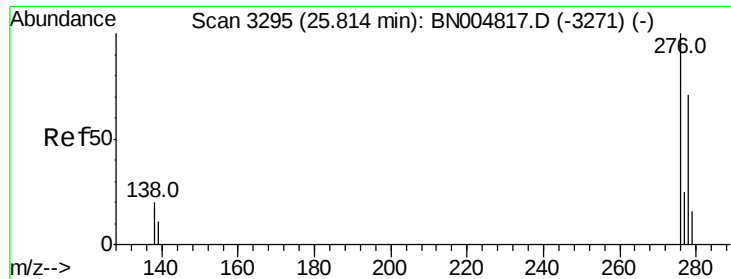


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.317 ng

RT: 25.81 min Scan# 3295

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

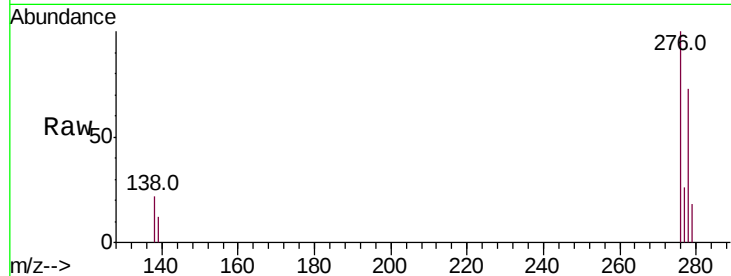
Tot Ion:276 Resp: 39332

Ion Ratio Lower Upper

276 100

138 21.9 16.6 24.8

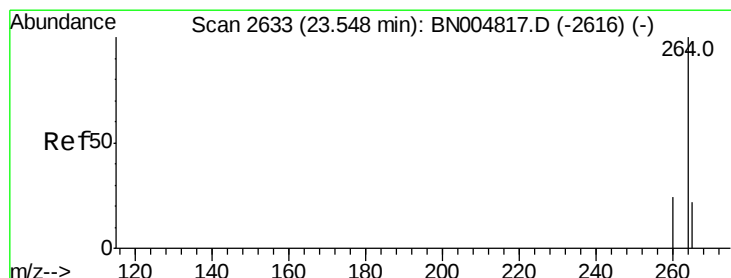
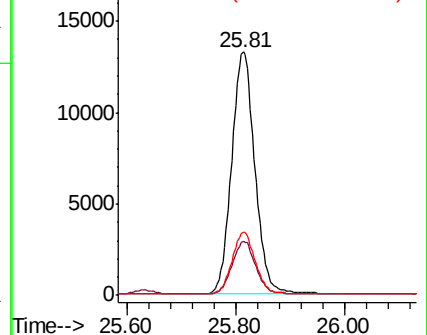
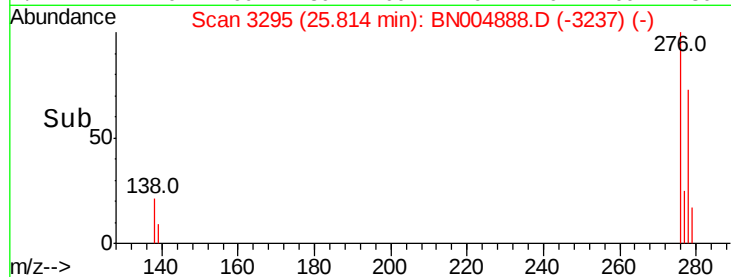
277 25.3 20.3 30.5



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: 23.54 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

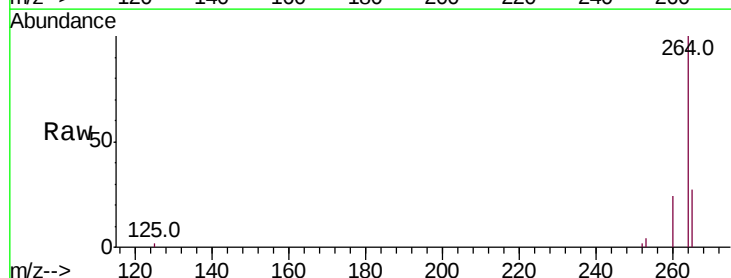
Tgt Ion:264 Resp: 25399

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

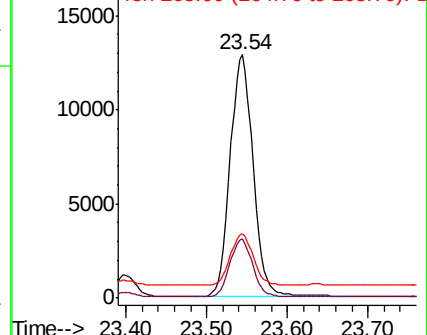
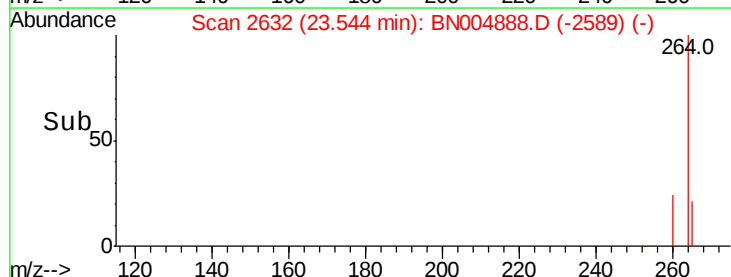
265 26.6 23.1 34.7

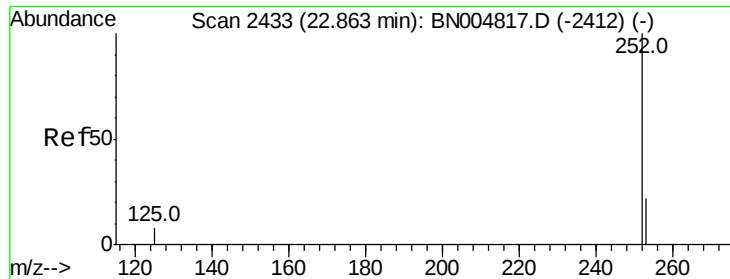


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.423 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

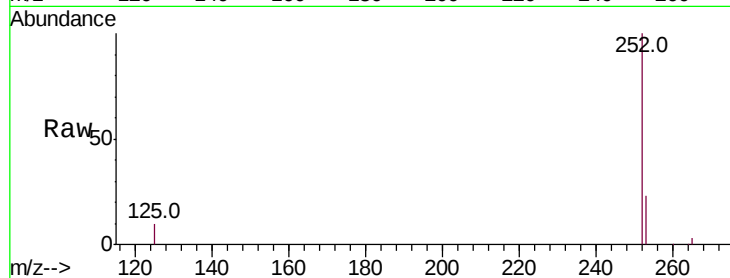
Tot Ion:252 Resp: 38832

Ion Ratio Lower Upper

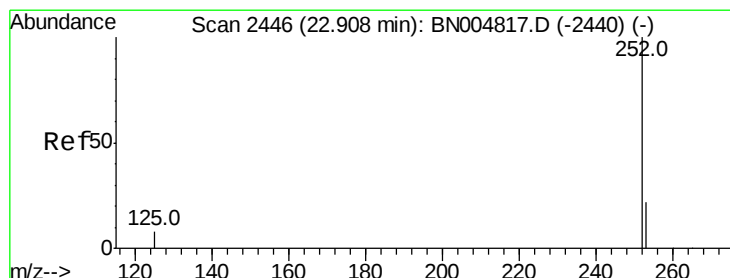
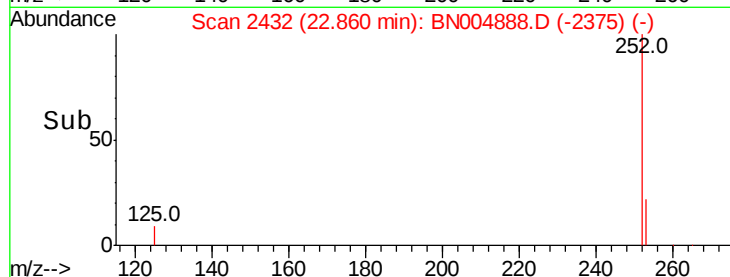
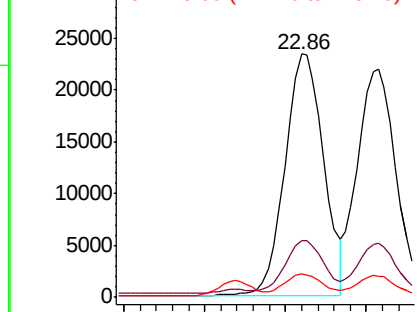
252 100

253 23.2 19.0 28.4

125 9.5 7.4 11.2



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



#36

Benzo(k)fluoranthene

Concen: 0.407 ng

RT: 22.91 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

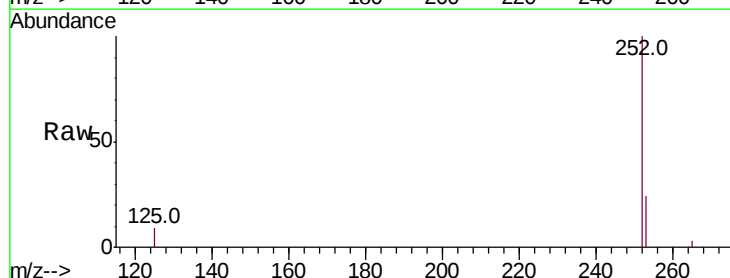
Tgt Ion:252 Resp: 36811

Ion Ratio Lower Upper

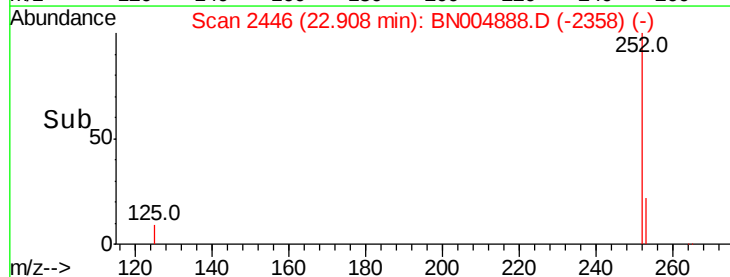
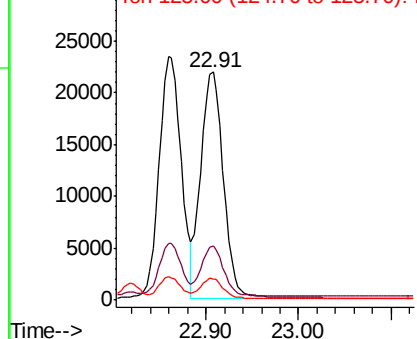
252 100

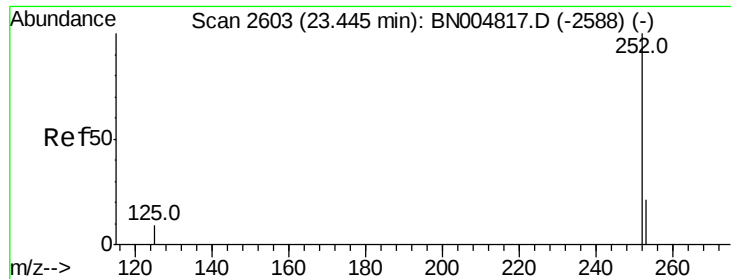
253 23.6 19.3 28.9

125 9.4 7.4 11.0



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

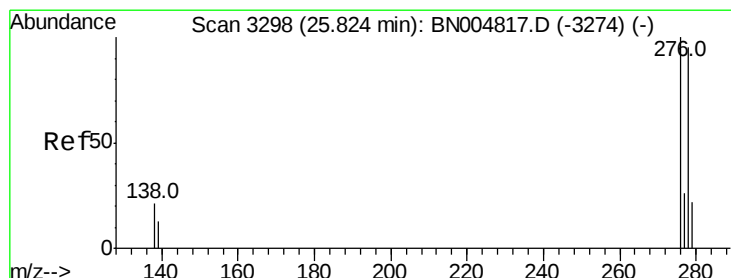
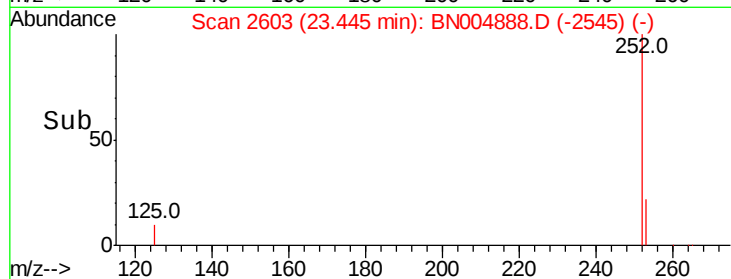
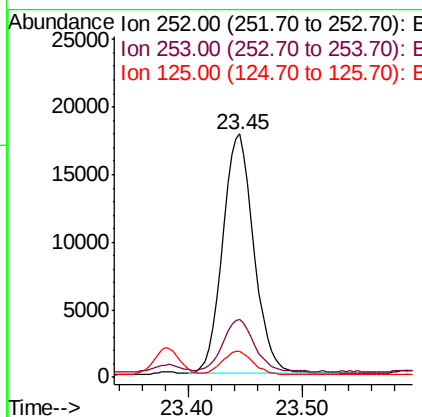
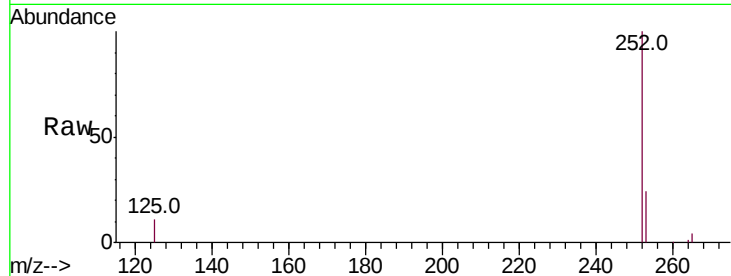




#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.45 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN004888.D
Acq: 22 Mar 2019 14:13

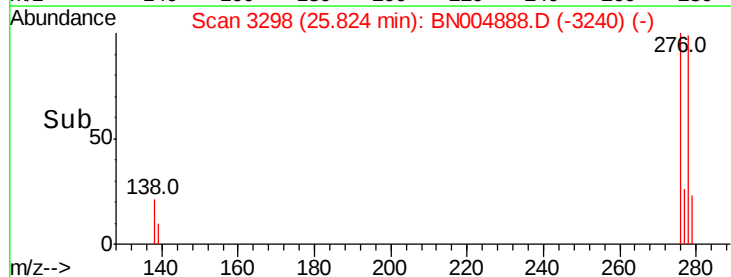
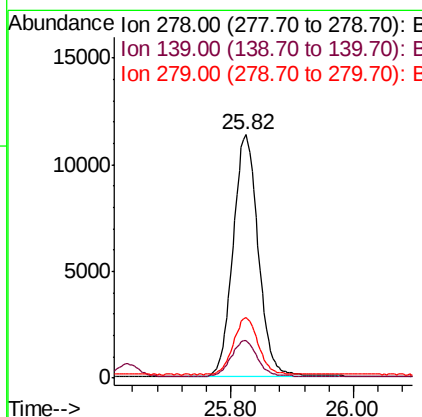
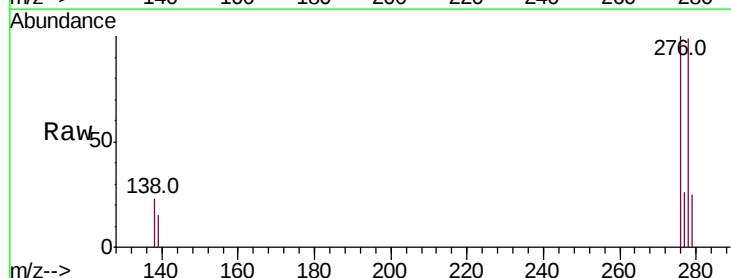
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

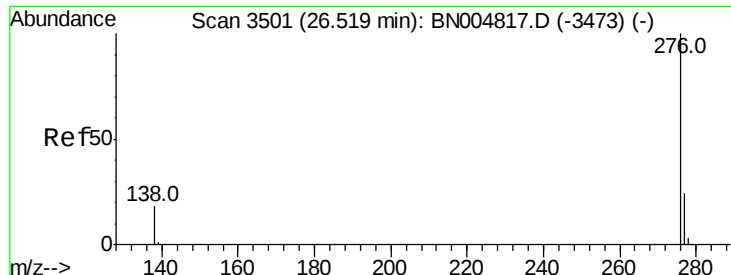
Tot Ion:252 Resp: 33810
Ion Ratio Lower Upper
252 100
253 23.9 19.7 29.5
125 10.6 8.3 12.5



#38
Dibenzo(a,h)anthracene
Concen: 0.332 ng
RT: 25.82 min Scan# 3298
Delta R.T. -0.00 min
Lab File: BN004888.D
Acq: 22 Mar 2019 14:13

Tgt Ion:278 Resp: 32442
Ion Ratio Lower Upper
278 100
139 15.6 11.7 17.5
279 24.9 19.9 29.9





#39

Benzo(a,h,i)perylene

Concen: 0.315 ng

RT: 26.52 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BN004888.D

Acq: 22 Mar 2019 14:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

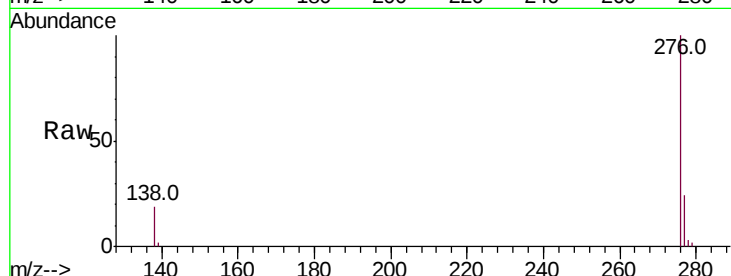
Tot Ion:276 Resp: 31321

Ion Ratio Lower Upper

276 100

277 24.3 19.7 29.5

138 19.5 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

