

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004829.D
 Acq On : 20 Mar 2019 21:06
 Operator : JU/SJ
 Sample : PB118093BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118093BS

Quant Time: Mar 21 08:48:09 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	1414	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6273	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4066	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	10642	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14743	0.40	ng	0.00
34) Perylene-d12	23.55	264	16340	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1440	0.37	ng	0.00
5) Phenol-d6	6.88	99	1767	0.37	ng	0.00
8) Nitrobenzene-d5	8.87	82	1486	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4318	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	923	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6804	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	13811	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	11962	0.40	ng	0.00

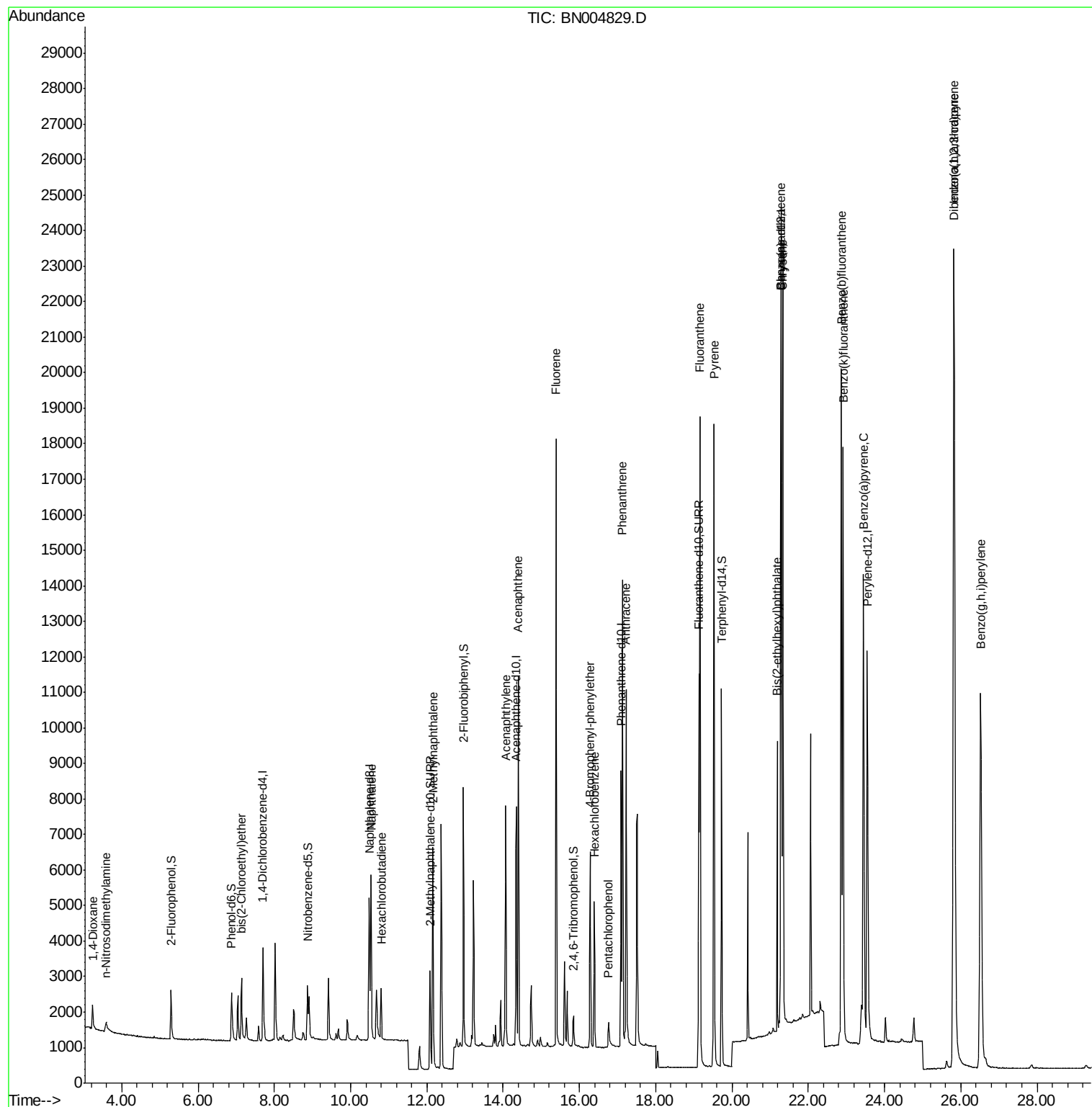
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	594	0.370	ng	97
3) n-Nitrosodimethylamine	3.58	42	339	0.357	ng	# 84
6) bis(2-Chloroethyl)ether	7.14	93	1657	0.384	ng	98
9) Naphthalene	10.54	128	6964	0.396	ng	100
10) Hexachlorobutadiene	10.81	225	1360	0.405	ng	# 98
12) 2-Methylnaphthalene	12.16	142	5194	0.397	ng	100
16) Acenaphthylene	14.06	152	7792	0.372	ng	100
17) Acenaphthene	14.40	154	5481	0.400	ng	100
18) Fluorene	15.39	166	7569	0.395	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	2745	0.395	ng	98
21) Hexachlorobenzene	16.39	284	3217	0.404	ng	99
22) Pentachlorophenol	16.76	266	566	0.364	ng	99
23) Phenanthrene	17.13	178	13649	0.397	ng	100
24) Anthracene	17.23	178	11574	0.377	ng	100
26) Fluoranthene	19.16	202	17252	0.391	ng	100
28) Pyrene	19.53	202	17702	0.394	ng	100
30) Benzo(a)anthracene	21.28	228	17805	0.368	ng	99
31) Chrysene	21.33	228	20956	0.411	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	7144	0.370	ng	100
33) Indeno(1,2,3-cd)pyrene	25.81	276	30088	0.408	ng	100
35) Benzo(b)fluoranthene	22.86	252	23480	0.397	ng	100
36) Benzo(k)fluoranthene	22.91	252	23134	0.398	ng	99
37) Benzo(a)pyrene	23.45	252	21369	0.394	ng	100
38) Dibenzo(a,h)anthracene	25.83	278	24852	0.396	ng	99
39) Benzo(g,h,i)perylene	26.52	276	25289	0.395	ng	100

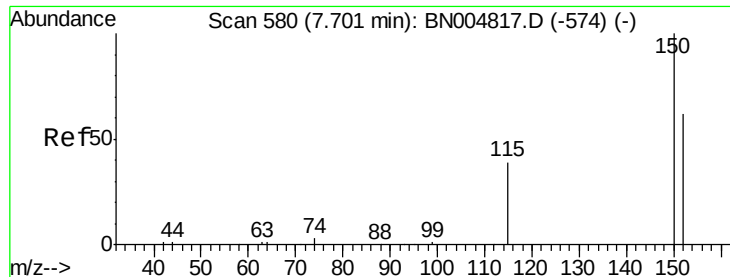
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

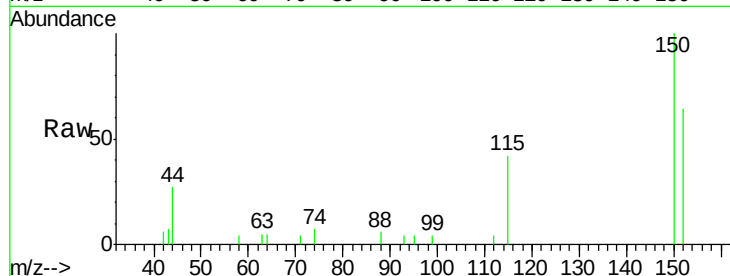
Tot Ion:152 Resp: 1414

Ion Ratio Lower Upper

152 100

150 157.2 126.2 189.4

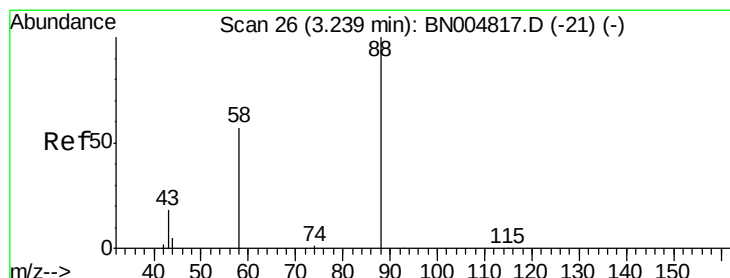
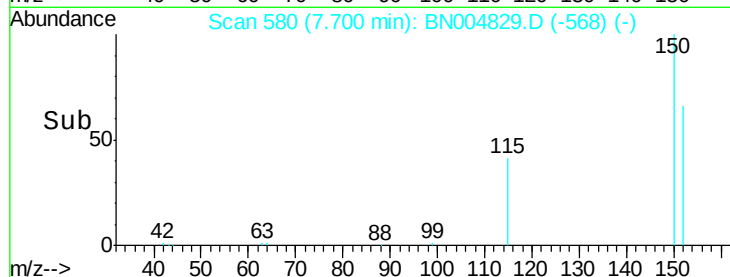
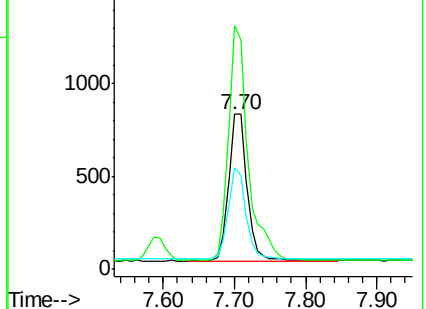
115 65.9 52.6 79.0



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: 0.370 ng

RT: 3.24 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

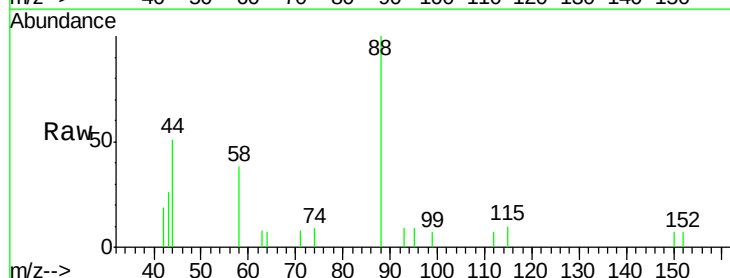
Tgt Ion: 88 Resp: 594

Ion Ratio Lower Upper

88 100

58 67.3 51.4 77.2

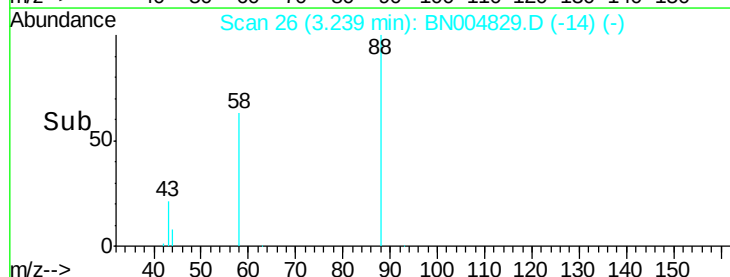
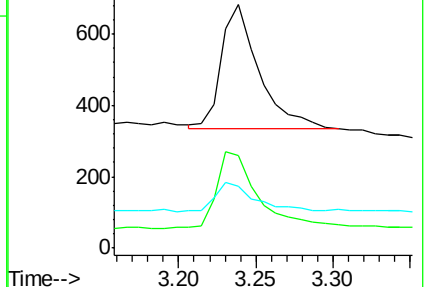
43 24.6 20.0 30.0

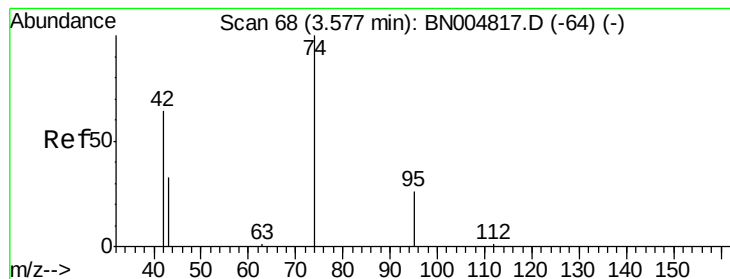


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.357 ng

RT: 3.58 min Scan# 68

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

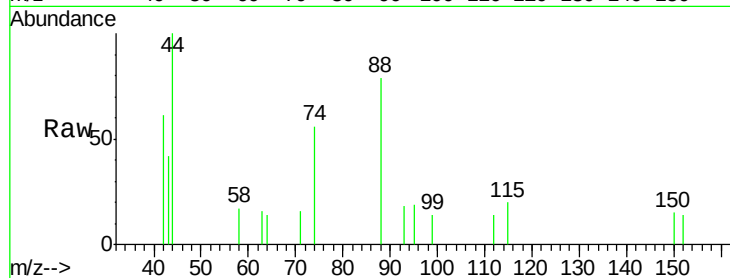
Tot Ion: 42 Resp: 339

Ion Ratio Lower Upper

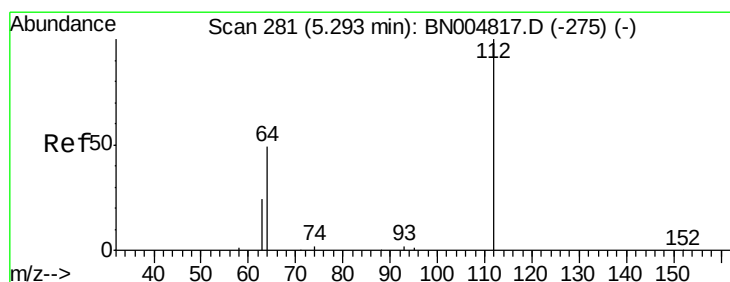
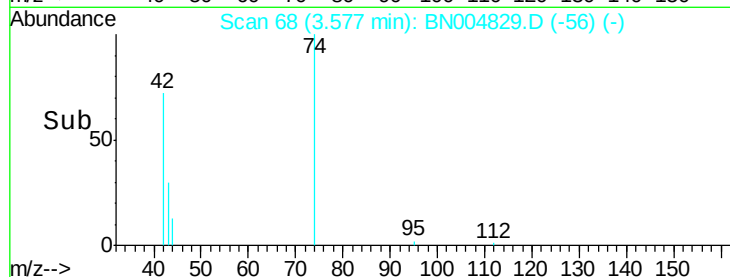
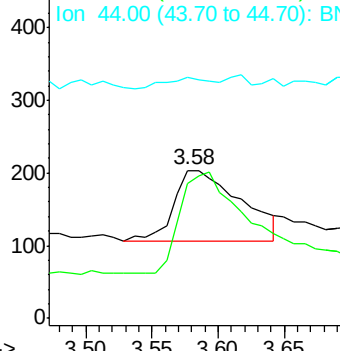
42 100

74 138.3 128.4 192.6

44 10.9 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: 0.375 ng

RT: 5.29 min Scan# 281

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

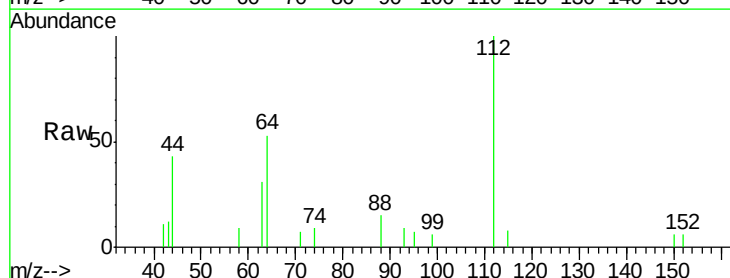
Tgt Ion: 112 Resp: 1440

Ion Ratio Lower Upper

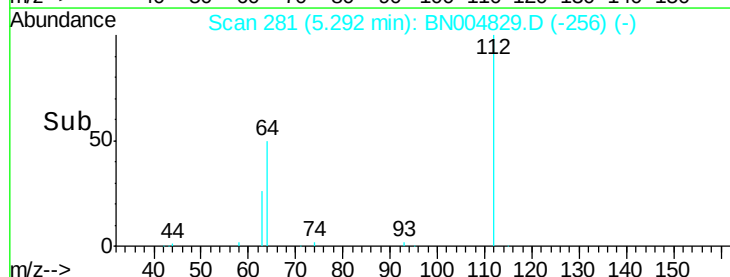
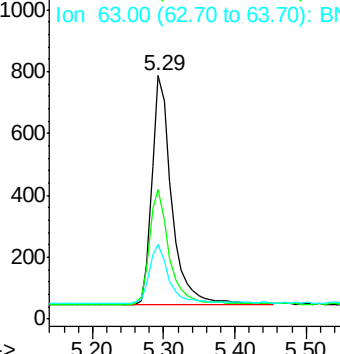
112 100

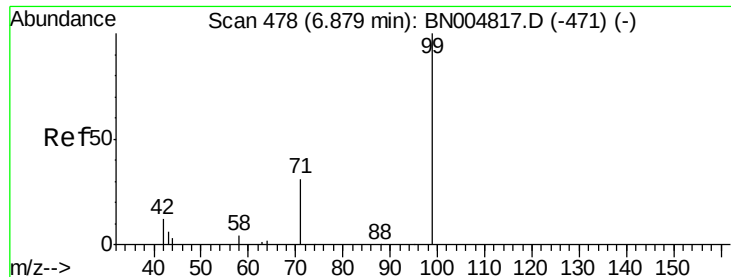
64 51.1 40.0 60.0

63 24.9 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: 0.369 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

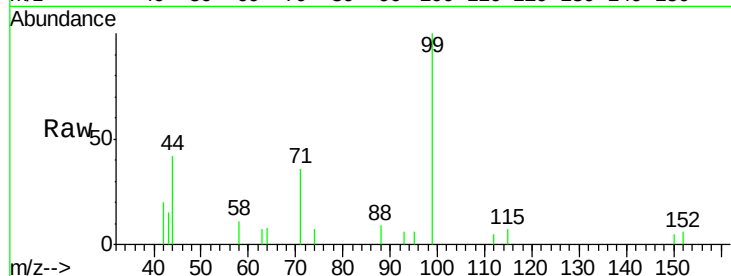
Tot Ion: 99 Resp: 1767

Ion Ratio Lower Upper

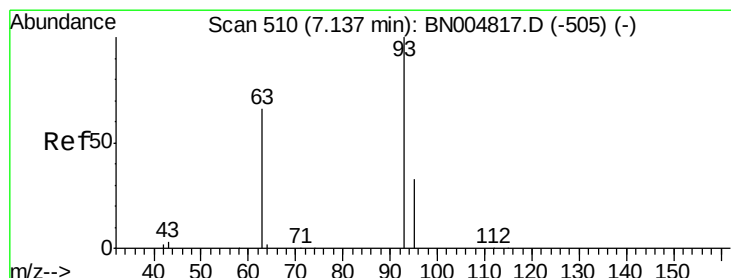
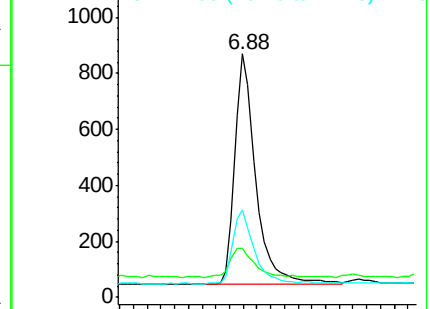
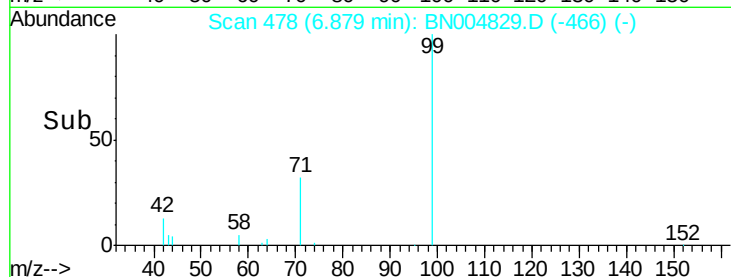
99 100

42 14.4 12.7 19.1

71 32.5 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004829.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.384 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

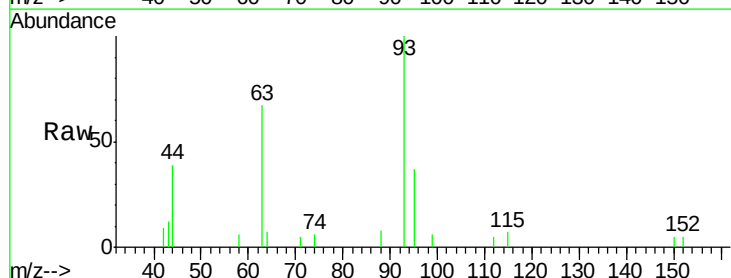
Tgt Ion: 93 Resp: 1657

Ion Ratio Lower Upper

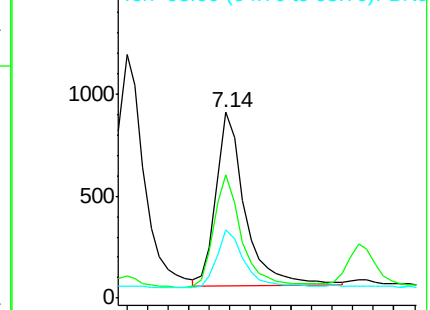
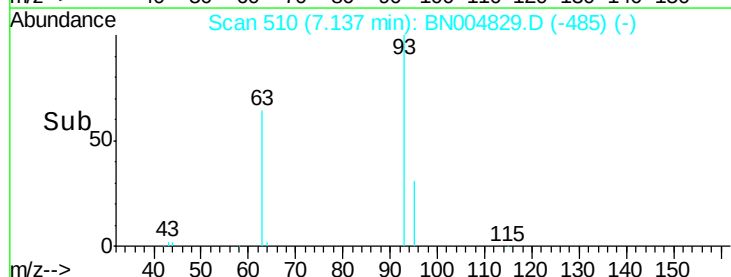
93 100

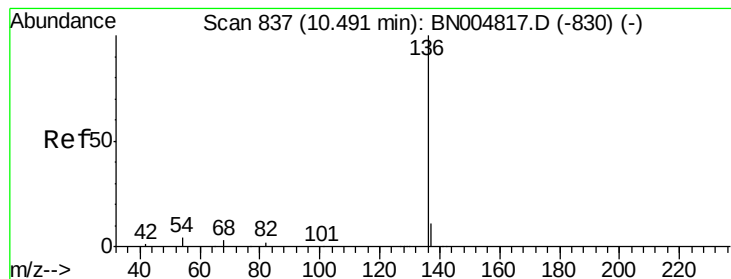
63 63.0 52.6 78.8

95 32.0 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BN004829.D (-485) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

Tot Ion:136 Resp: 6273

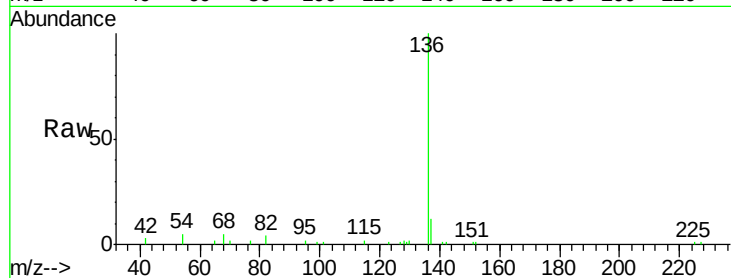
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 5.2 4.2 6.2

68 4.7 3.9 5.9

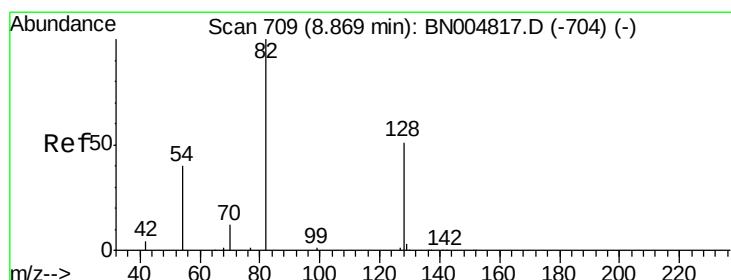
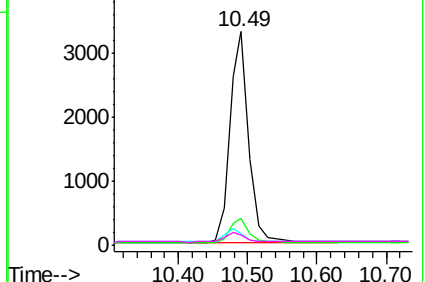
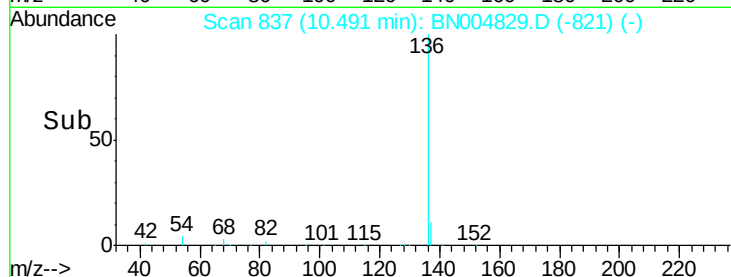


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

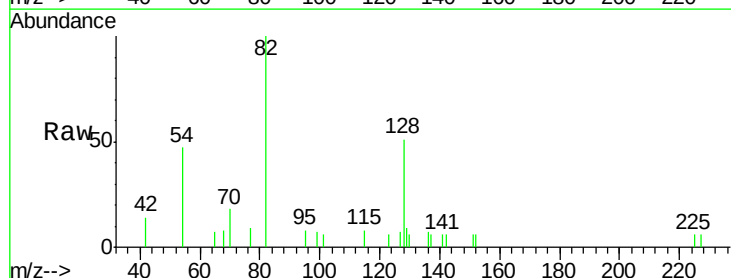
Tgt Ion: 82 Resp: 1486

Ion Ratio Lower Upper

82 100

128 50.9 43.0 64.6

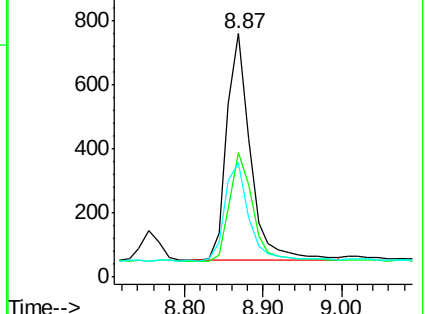
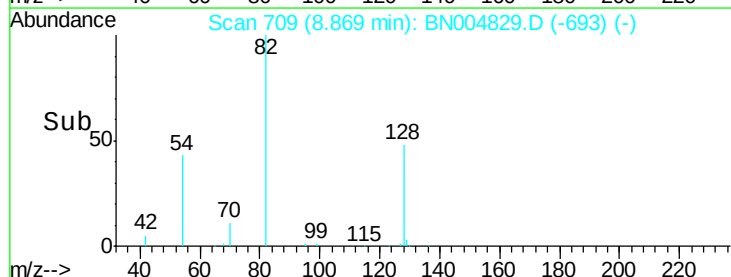
54 47.0 35.3 52.9

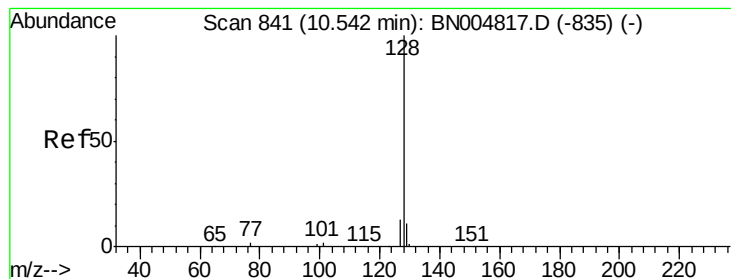


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.396 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

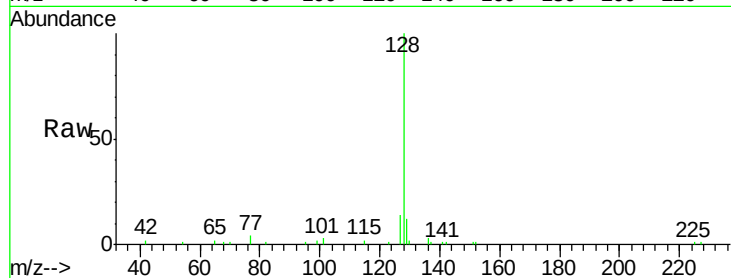
Tot Ion:128 Resp: 6964

Ion Ratio Lower Upper

128 100

129 12.5 9.9 14.9

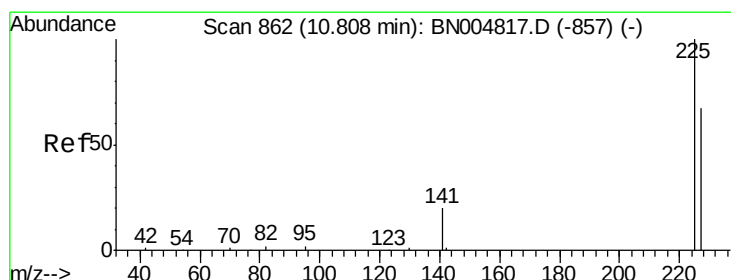
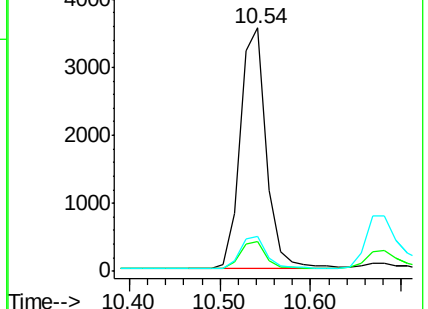
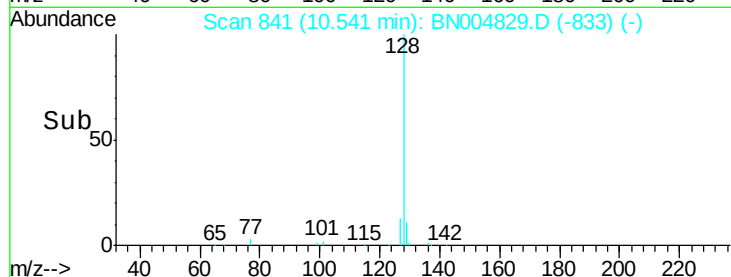
127 14.3 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.405 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

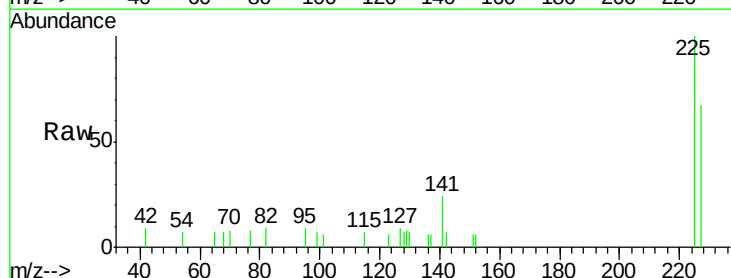
Tgt Ion:225 Resp: 1360

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

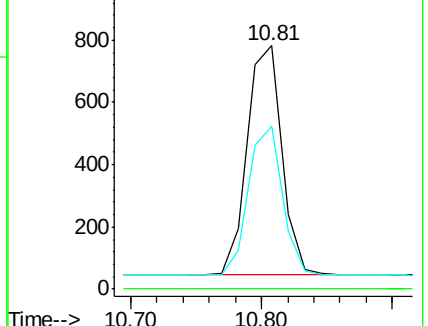
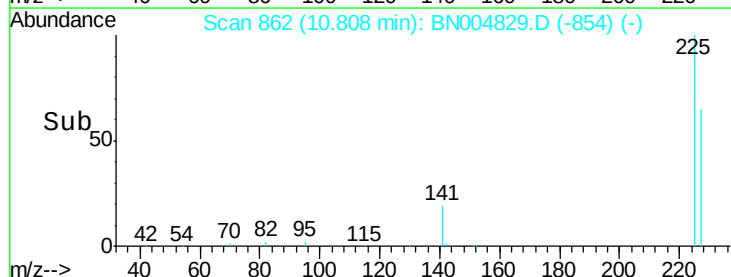
227 63.8 52.2 78.4

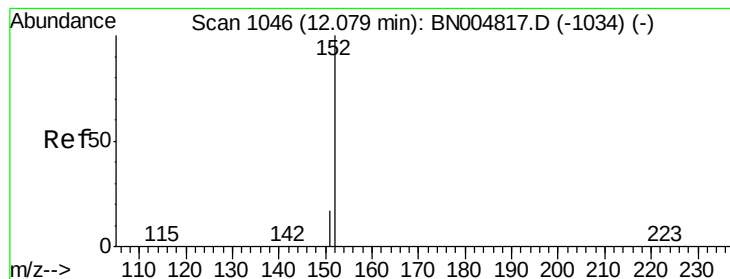


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.08 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

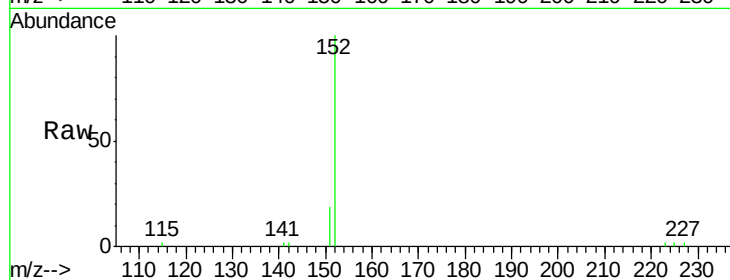
PB118093BS

Tot Ion:152 Resp: 4318

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

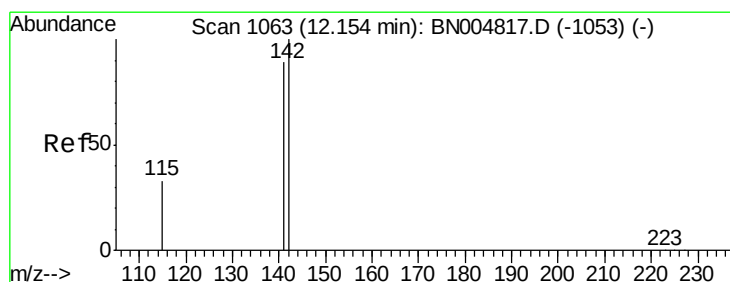
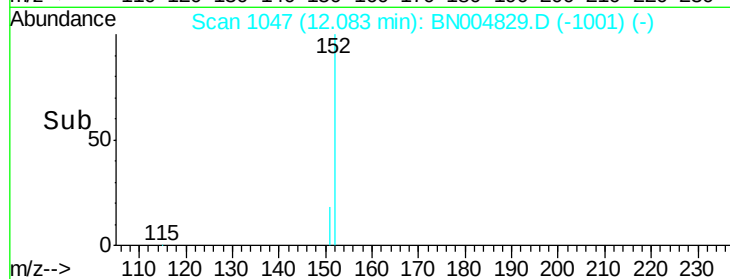
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.16 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

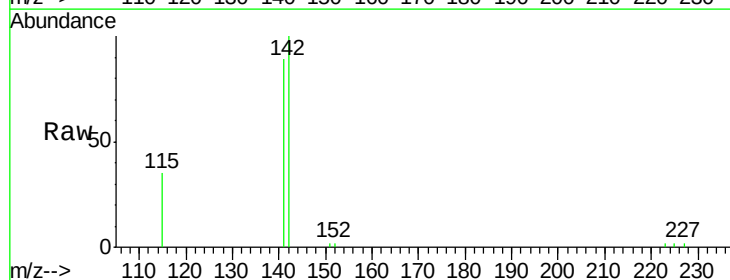
Tgt Ion:142 Resp: 5194

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

115 34.6 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

4000

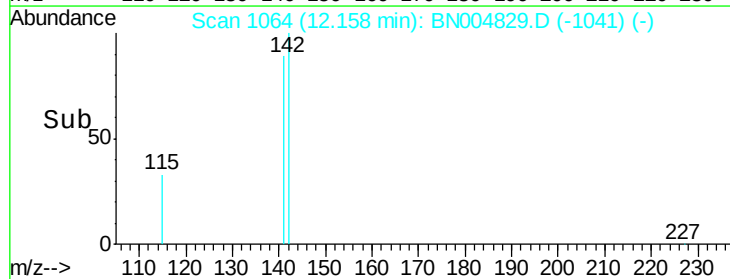
3000

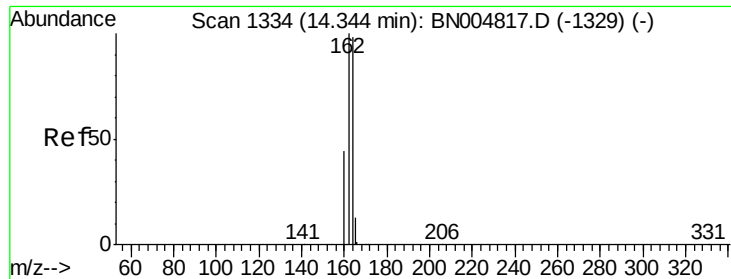
2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

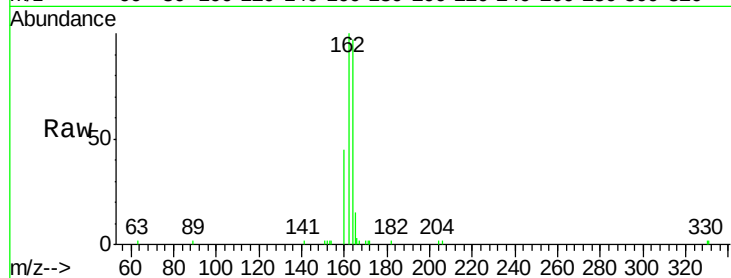
Tot Ion:164 Resp: 4066

Ion Ratio Lower Upper

164 100

162 103.6 81.9 122.9

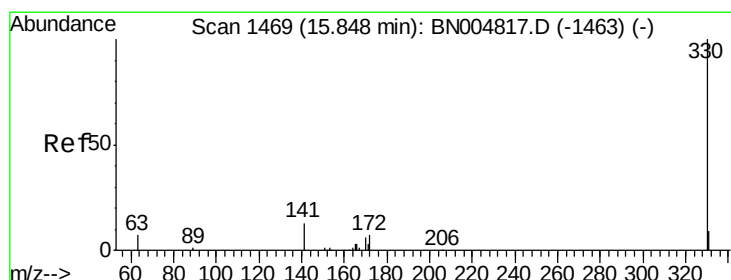
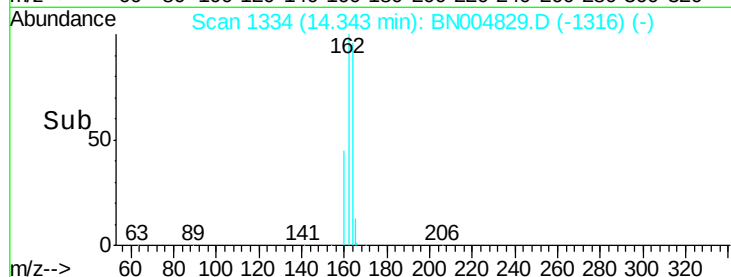
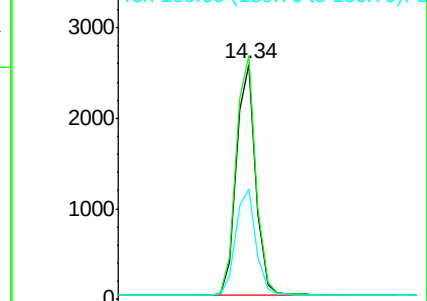
160 47.1 36.6 54.8



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: 0.329 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

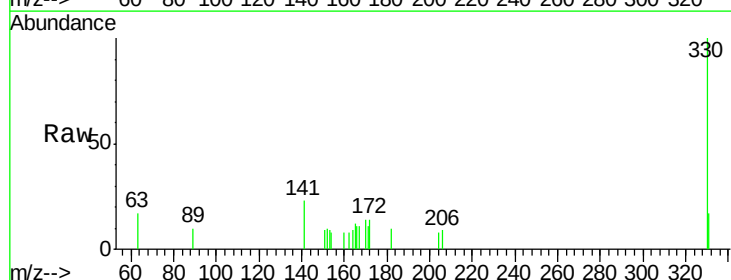
Tgt Ion:330 Resp: 923

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

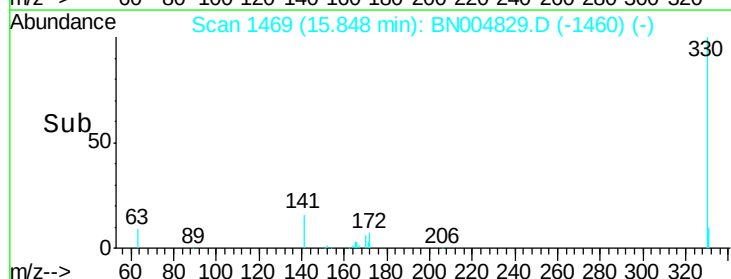
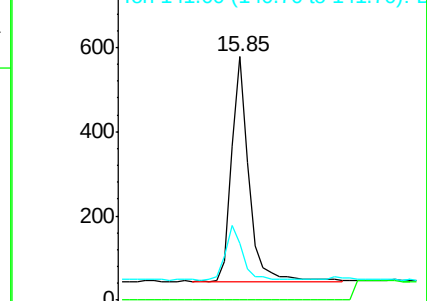
141 24.4 20.9 31.3

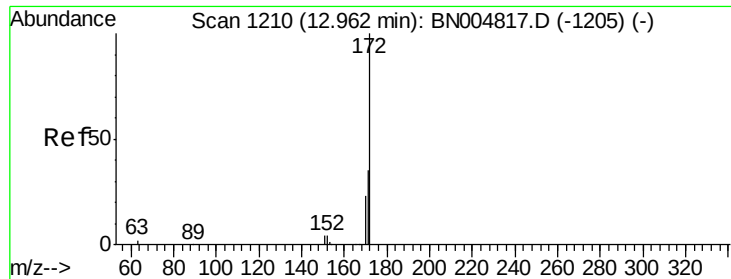


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

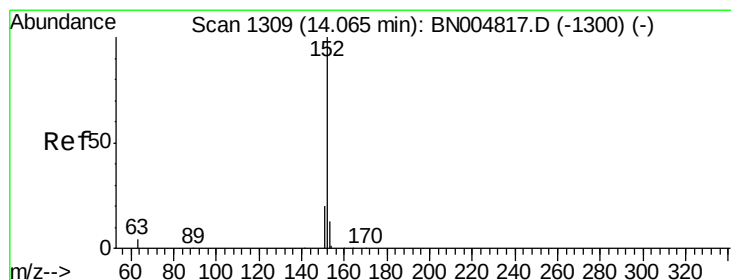
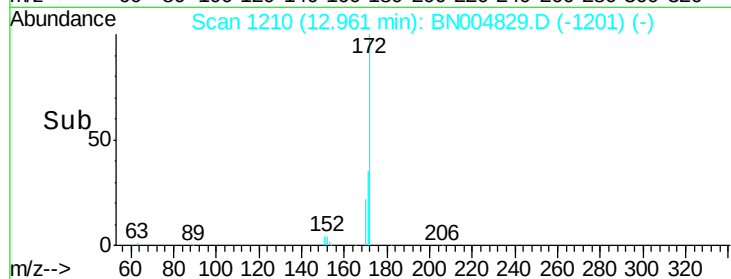
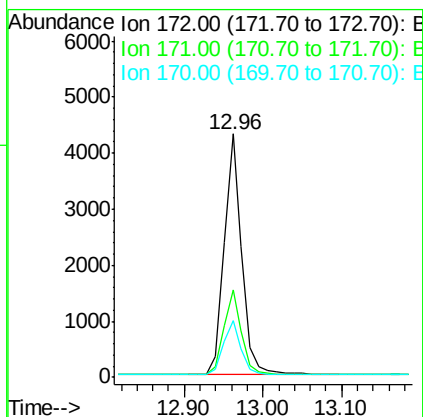
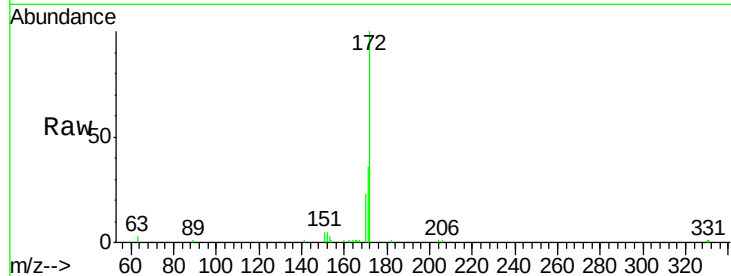




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004829.D
Acq: 20 Mar 2019 21:06

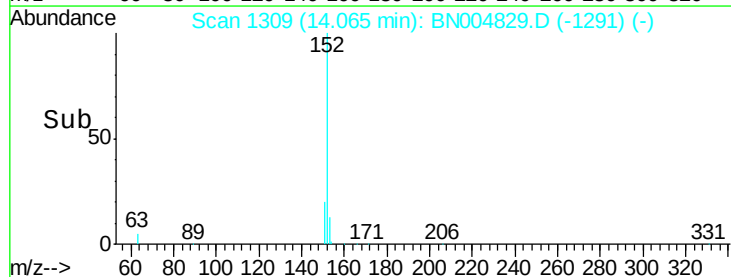
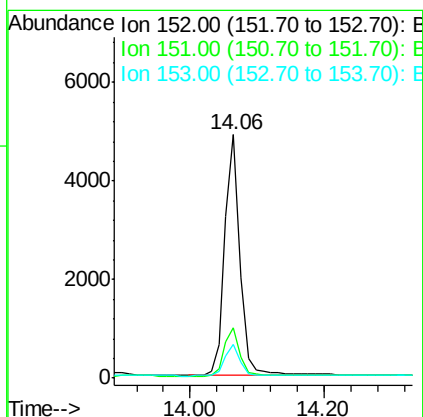
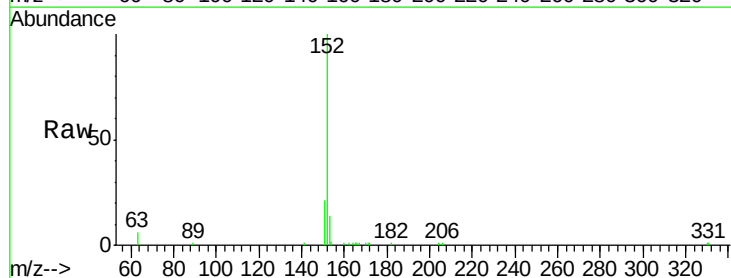
Instrument :
BNA_N
ClientSampleId :
PB118093BS

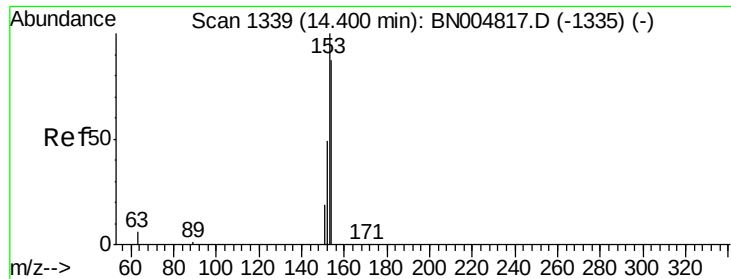
Tot Ion:172 Resp: 6804
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.3 18.7 28.1



#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.06 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004829.D
Acq: 20 Mar 2019 21:06

Tgt Ion:152 Resp: 7792
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.400 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

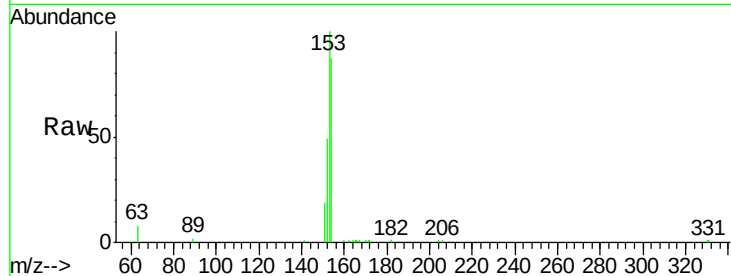
Tot Ion:154 Resp: 5481

Ion Ratio Lower Upper

154 100

153 114.0 91.4 137.2

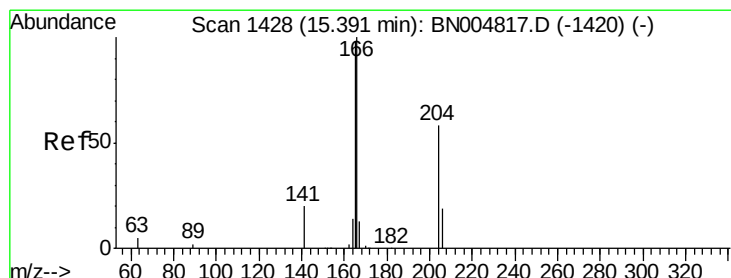
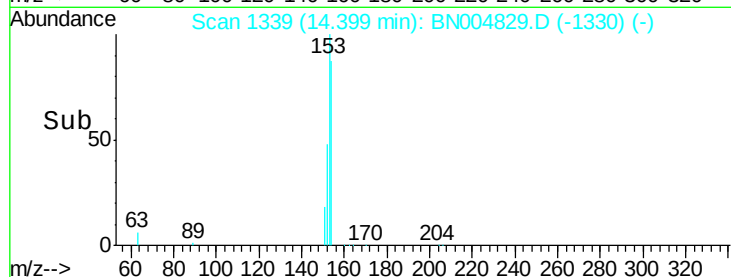
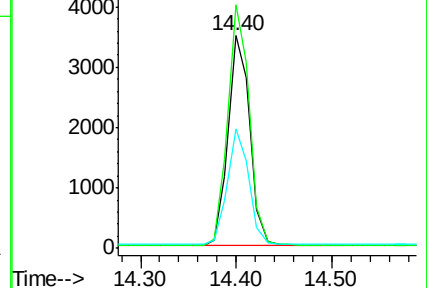
152 54.9 44.2 66.2



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: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

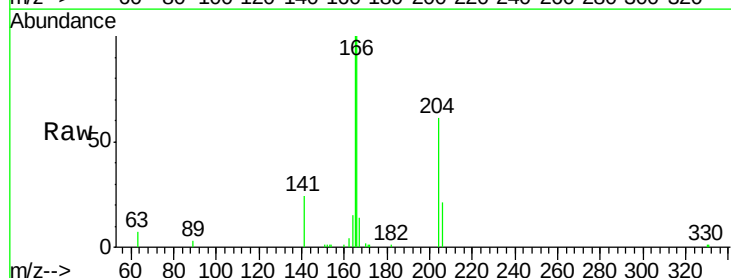
Tgt Ion:166 Resp: 7569

Ion Ratio Lower Upper

166 100

165 99.1 78.2 117.4

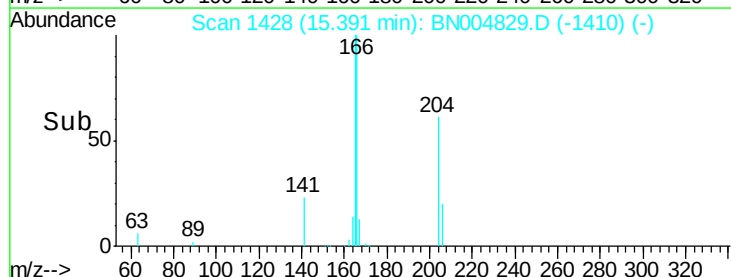
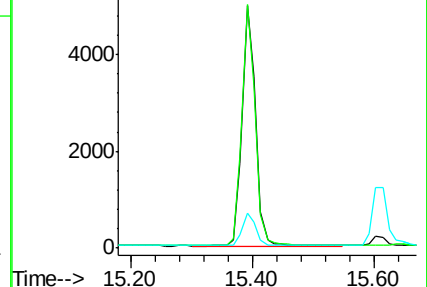
167 13.8 11.0 16.4

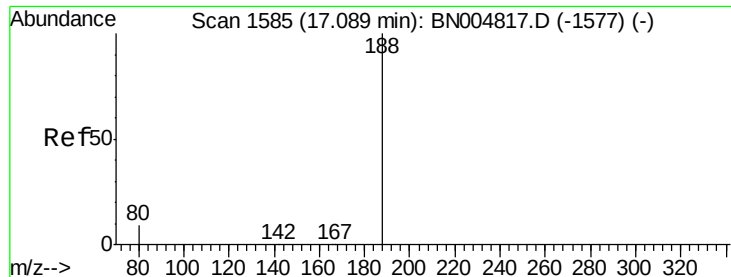


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

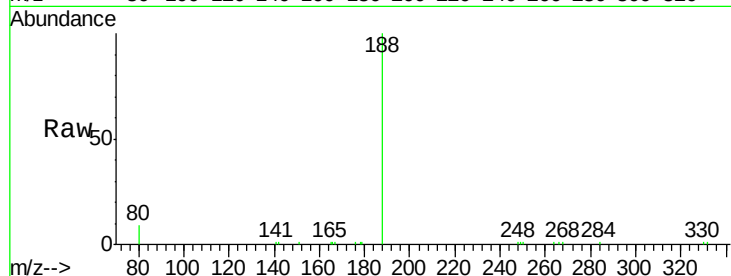
Tot Ion:188 Resp: 10642

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

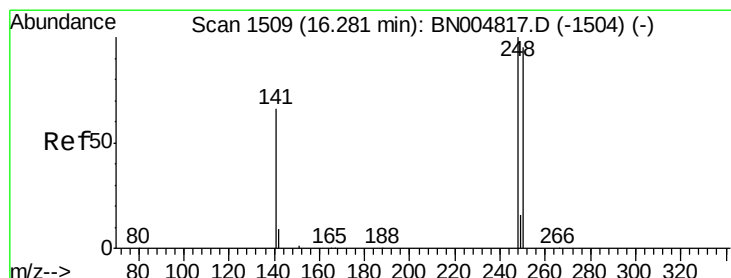
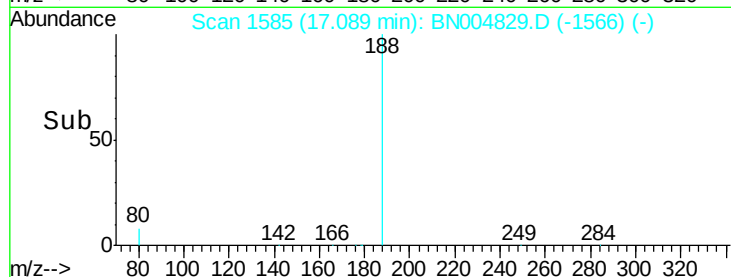
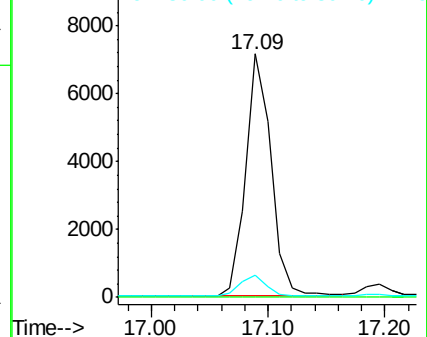
80 9.1 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.395 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

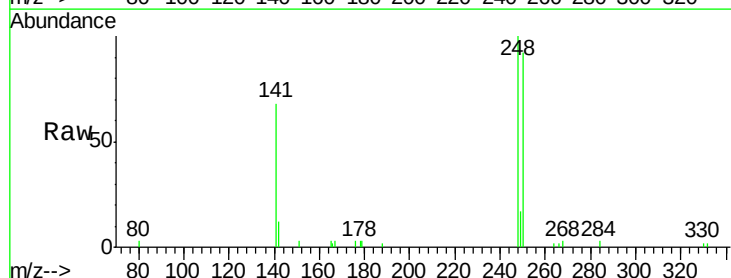
Tgt Ion:248 Resp: 2745

Ion Ratio Lower Upper

248 100

250 92.1 76.2 114.4

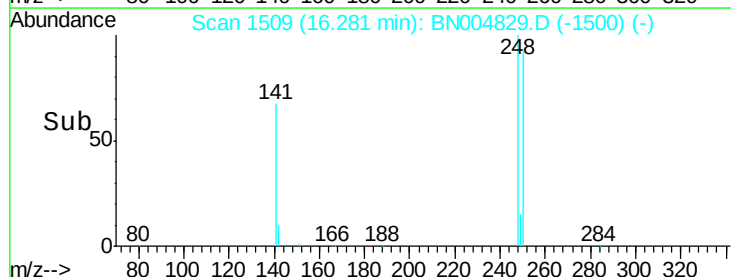
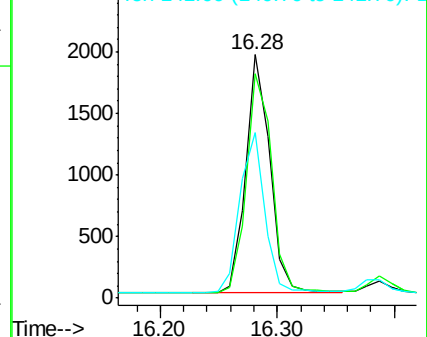
141 68.1 53.9 80.9

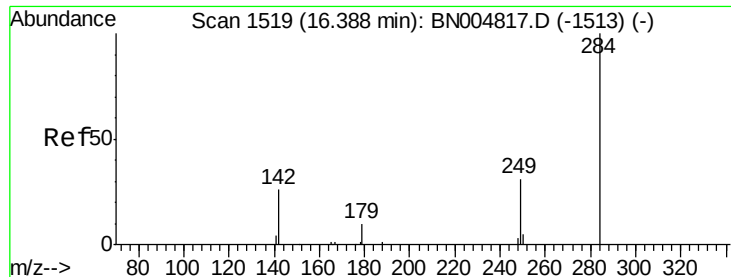


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

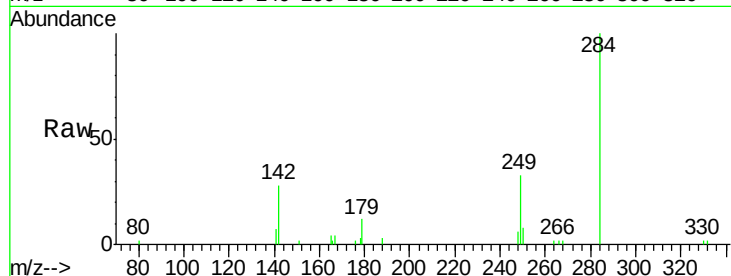
Tot Ion:284 Resp: 3217

Ion Ratio Lower Upper

284 100

142 28.6 22.6 34.0

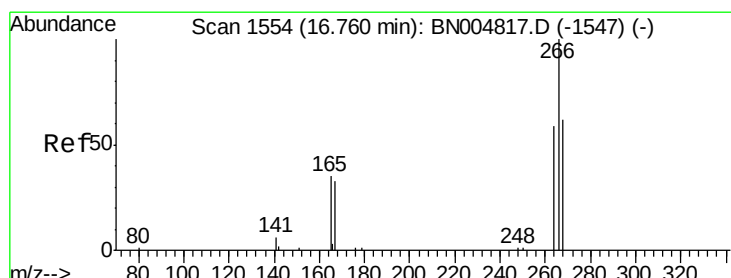
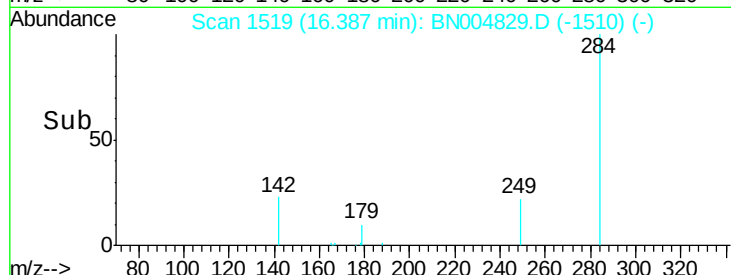
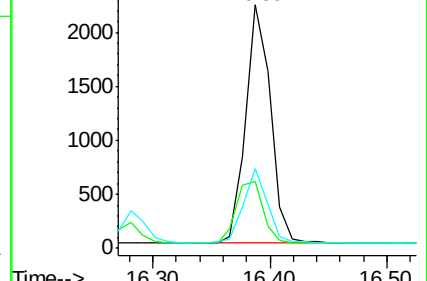
249 29.0 22.5 33.7



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: 0.364 ng

RT: 16.76 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

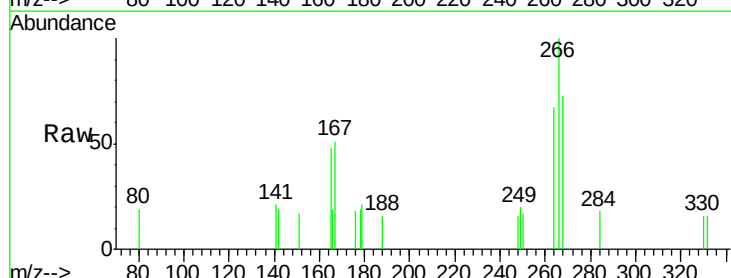
Tgt Ion:266 Resp: 566

Ion Ratio Lower Upper

266 100

264 66.9 53.1 79.7

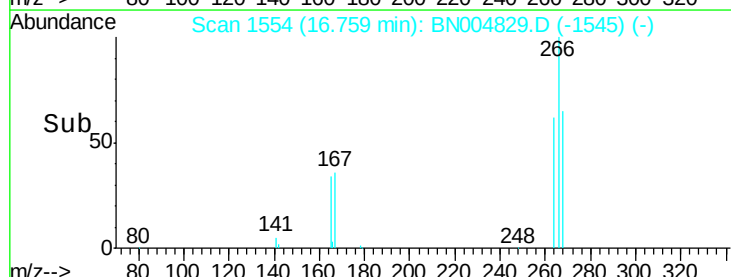
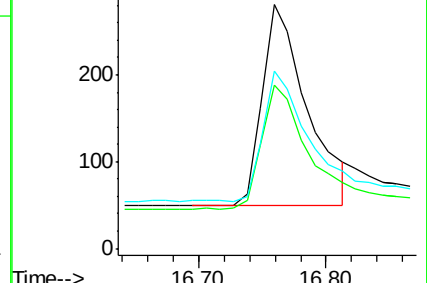
268 73.0 57.7 86.5

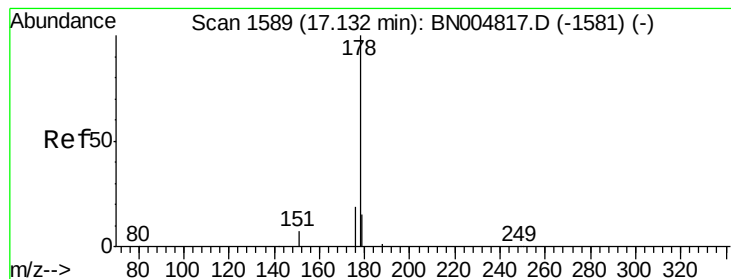


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.397 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

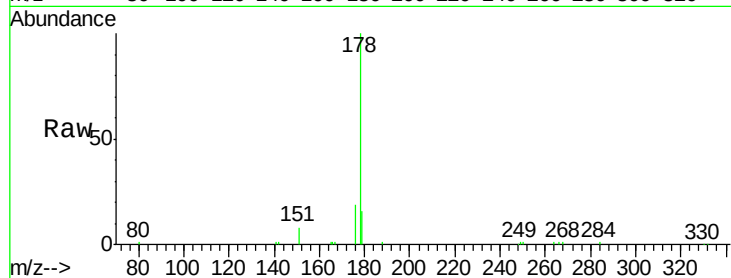
Tot Ion:178 Resp: 13649

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

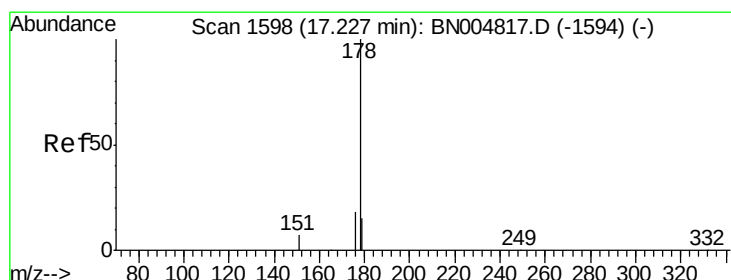
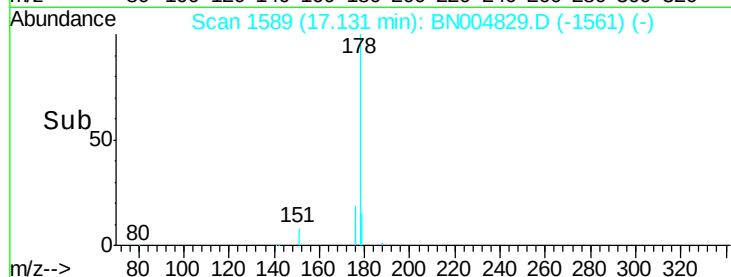
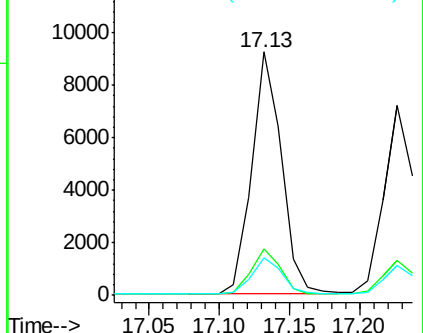
179 15.2 12.1 18.1



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: 0.377 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

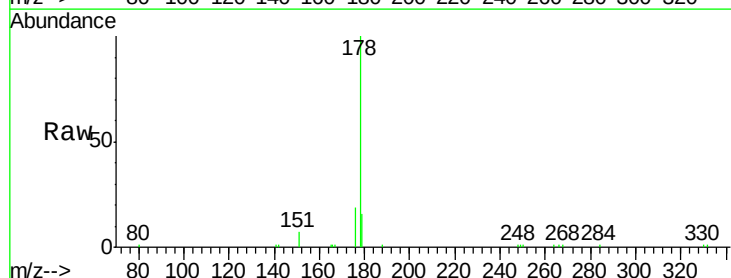
Tgt Ion:178 Resp: 11574

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

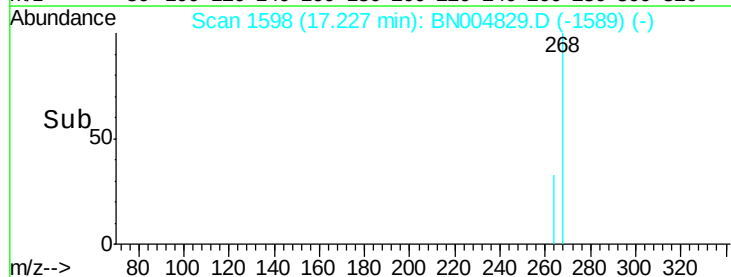
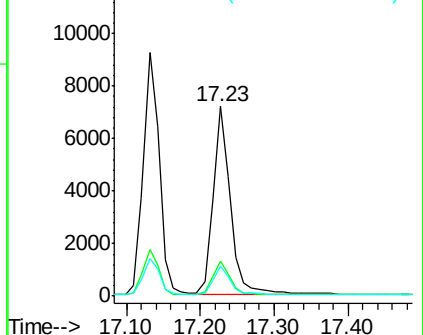
179 15.2 12.2 18.4

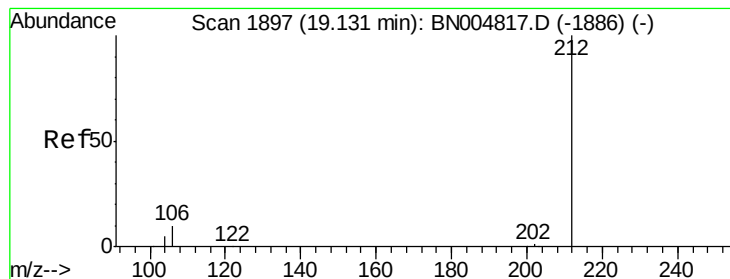


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

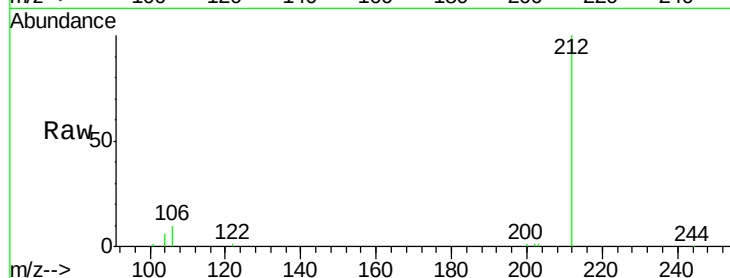
Tot Ion:212 Resp: 13811

Ion Ratio Lower Upper

212 100

106 10.3 8.6 13.0

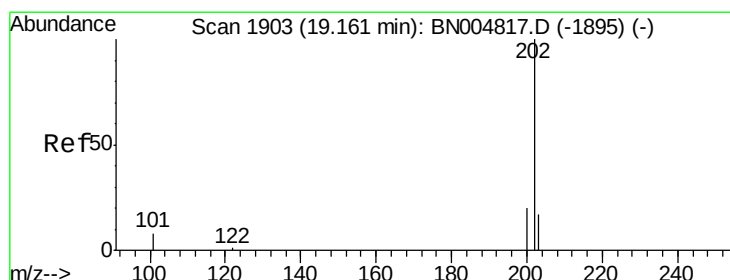
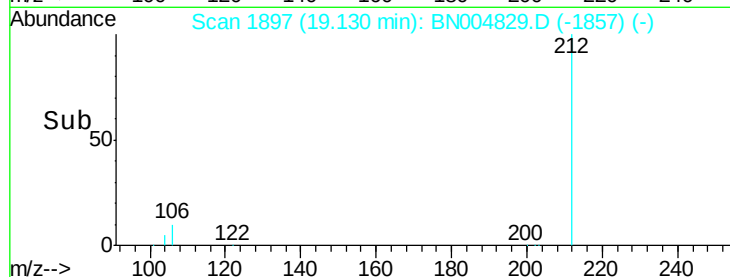
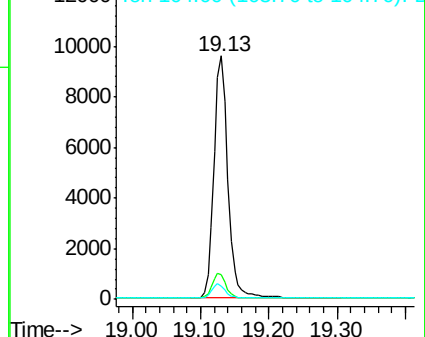
104 5.7 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.391 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

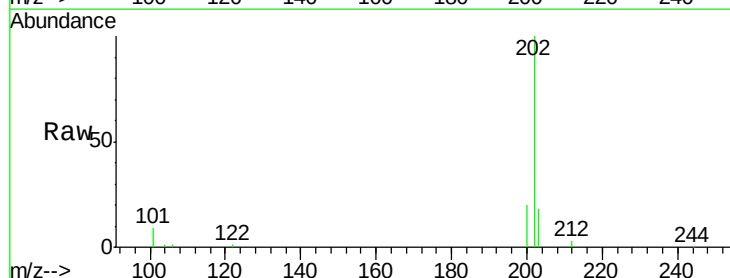
Tgt Ion:202 Resp: 17252

Ion Ratio Lower Upper

202 100

101 9.1 7.5 11.3

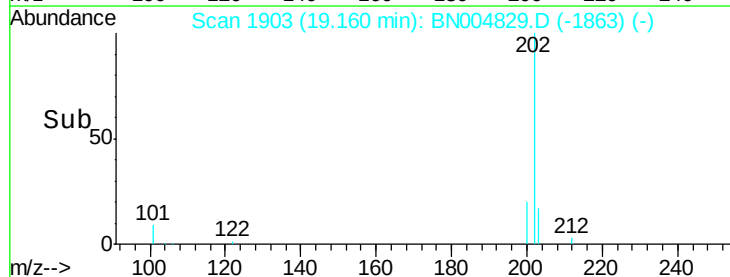
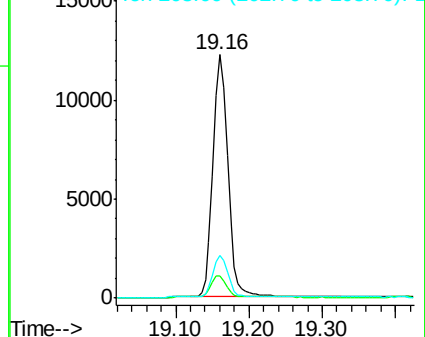
203 17.3 13.8 20.6

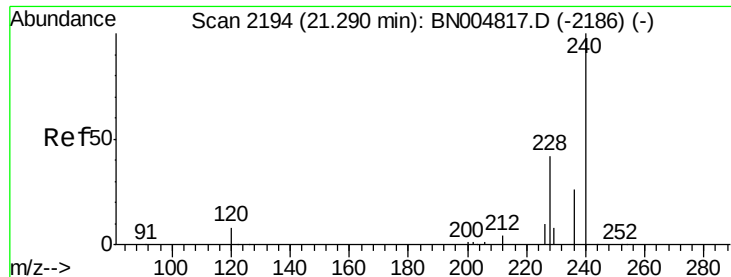


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

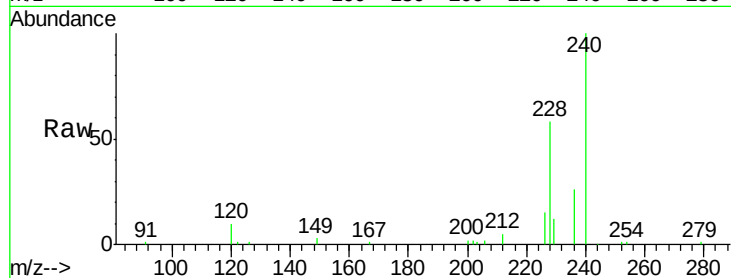
Tot Ion:240 Resp: 14743

Ion Ratio Lower Upper

240 100

120 10.2 7.2 10.8

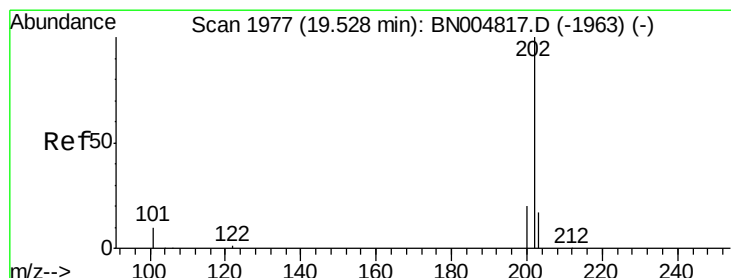
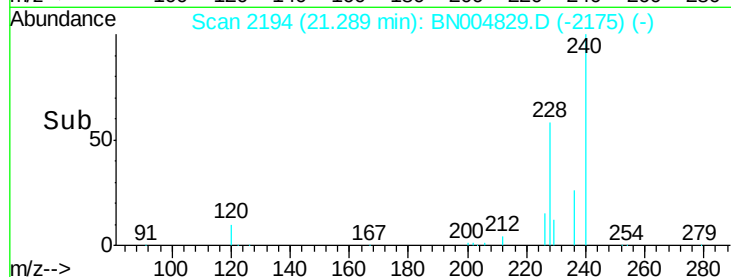
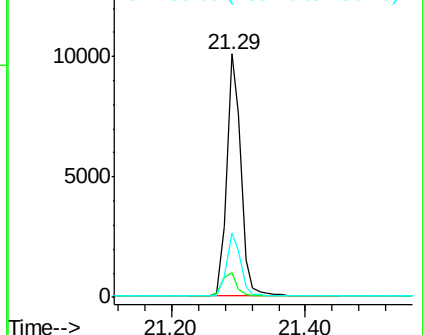
236 26.4 20.9 31.3



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: 0.394 ng

RT: 19.53 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

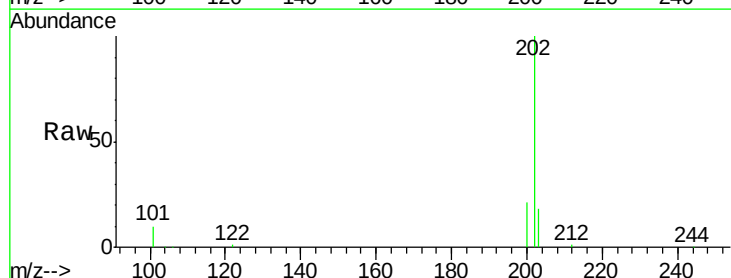
Tgt Ion:202 Resp: 17702

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

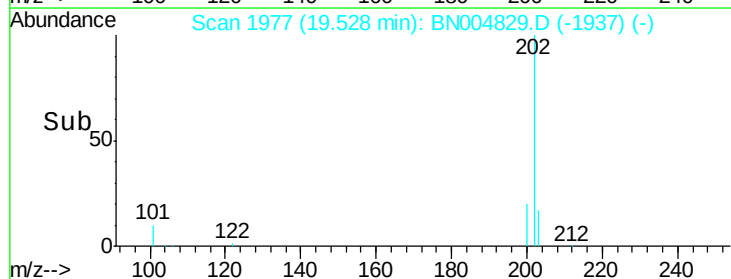
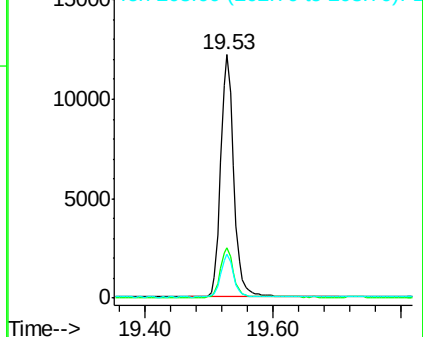
203 17.7 14.0 21.0

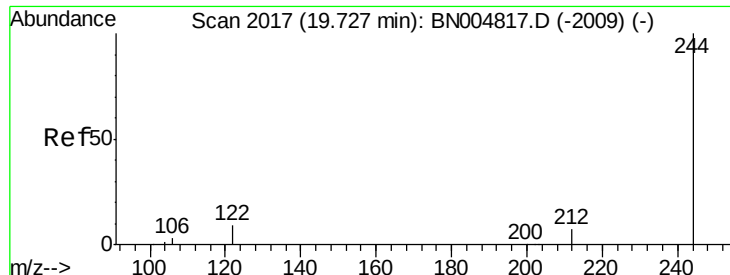


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.397 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

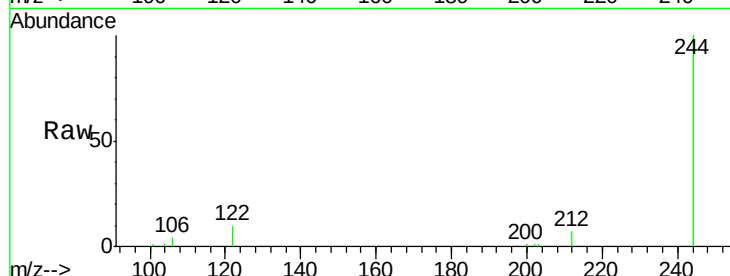
Tot Ion:244 Resp: 11962

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

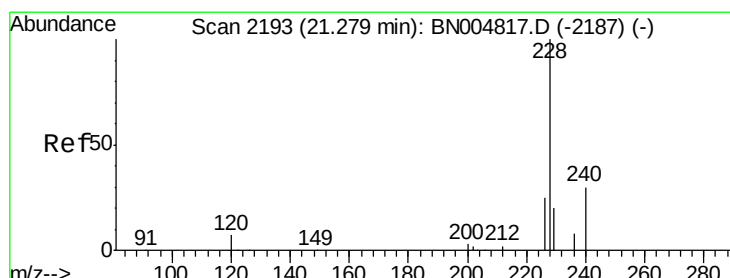
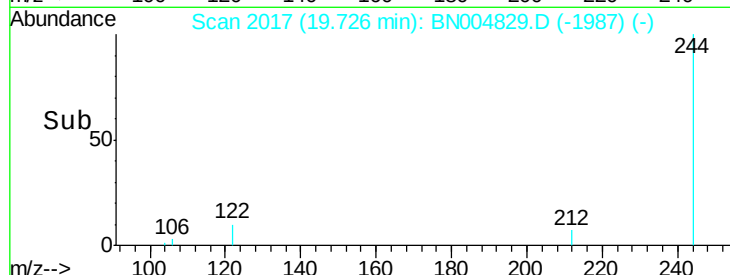
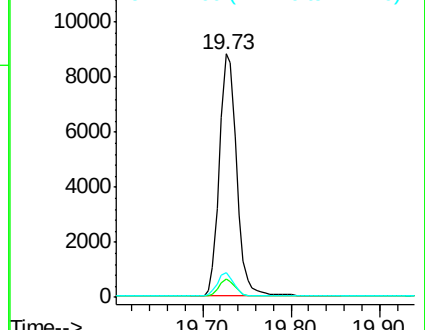
122 10.1 7.9 11.9



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: 0.368 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

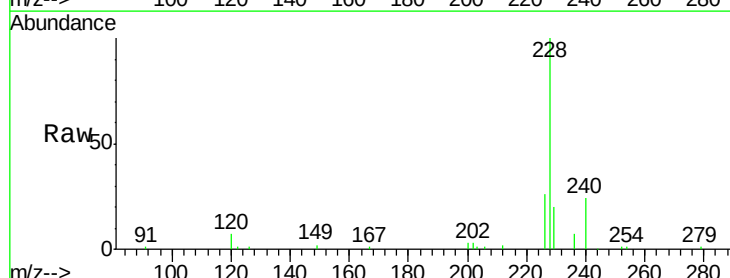
Tgt Ion:228 Resp: 17805

Ion Ratio Lower Upper

228 100

226 26.4 20.6 31.0

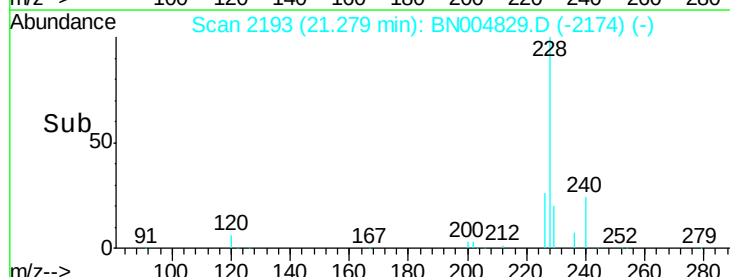
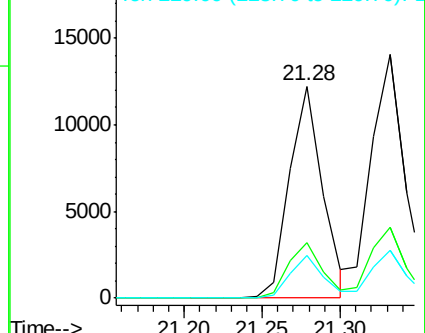
229 20.1 16.2 24.4

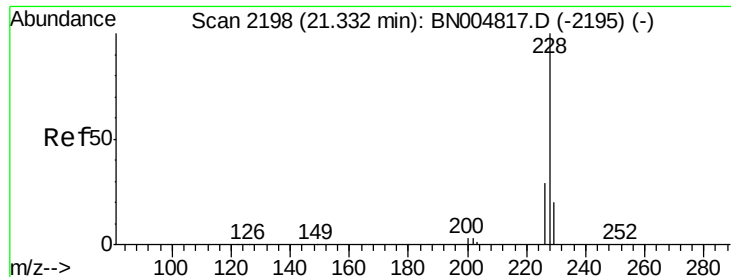


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

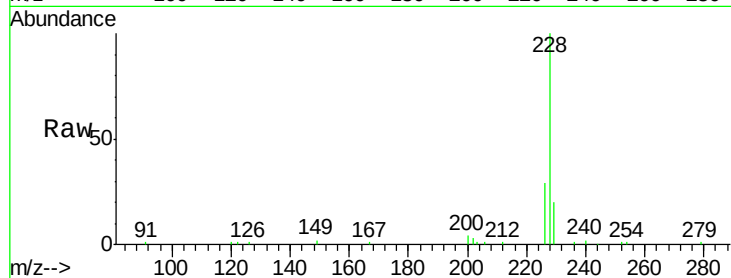
BNA_N

ClientSampleId :

PB118093BS

Tot Ion:228 Resp: 20956

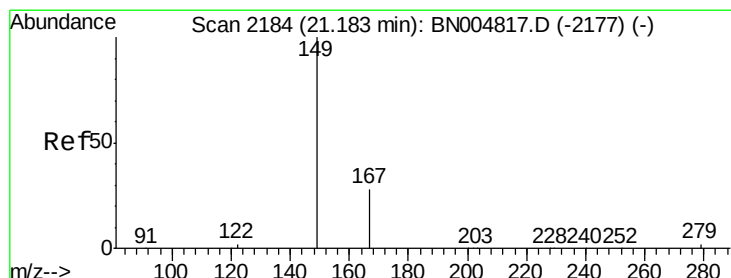
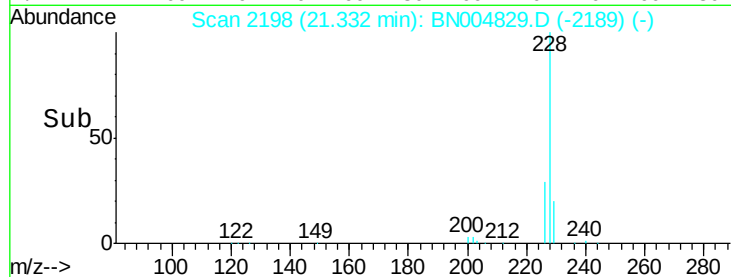
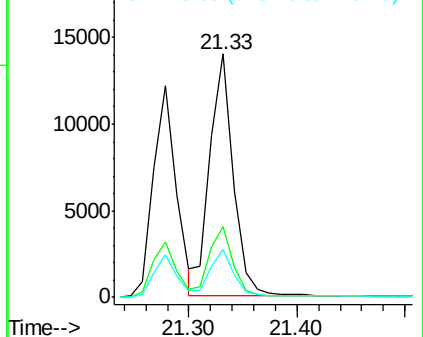
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.9	16.2	24.2



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: 0.370 ng

RT: 21.18 min Scan# 2184

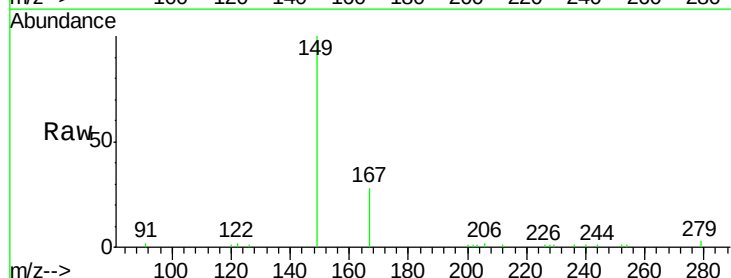
Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Tgt Ion:149 Resp: 7144

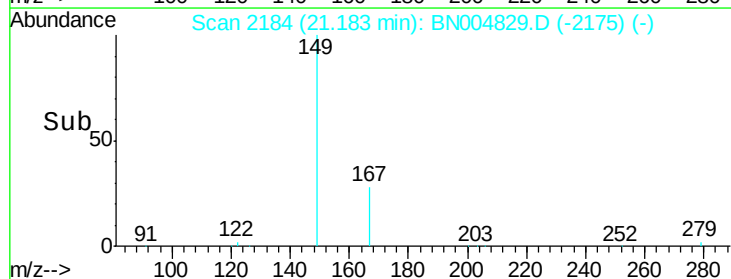
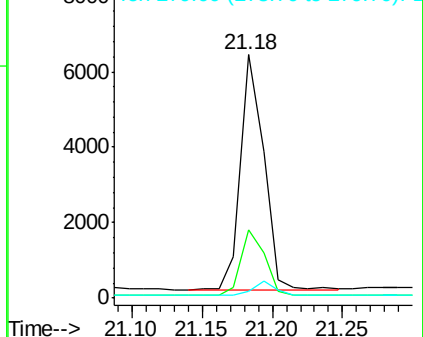
Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.4
279	5.8	4.6	6.8

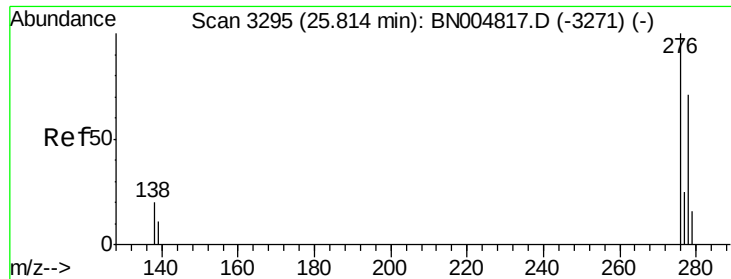


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.408 ng

RT: 25.81 min Scan# 3295

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

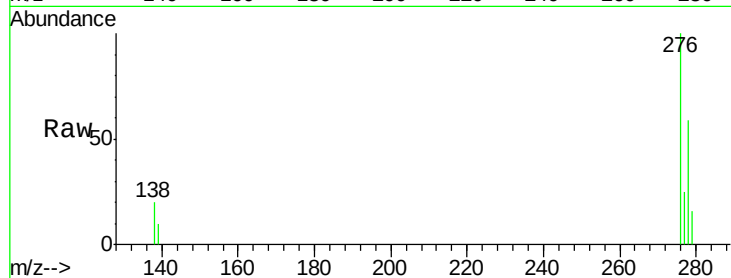
Tot Ion:276 Resp: 30088

Ion Ratio Lower Upper

276 100

138 20.5 16.6 24.8

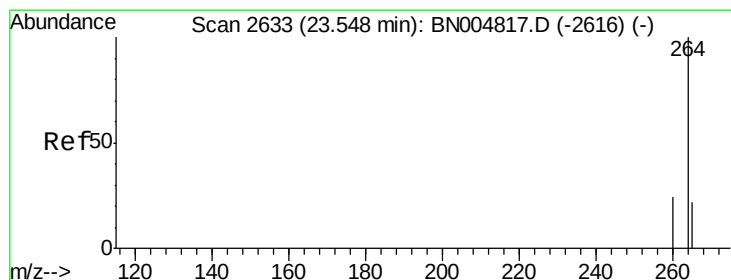
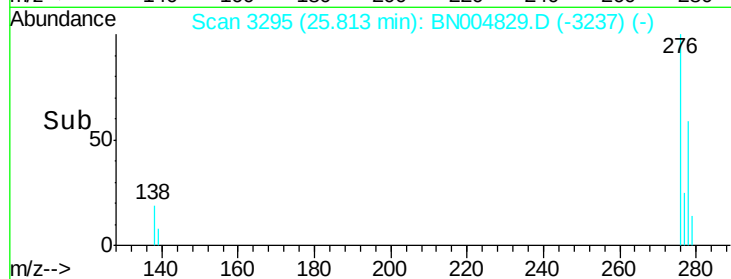
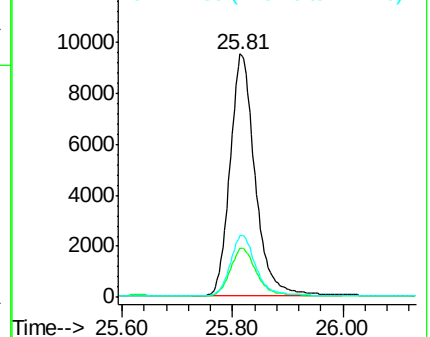
277 25.4 20.3 30.5



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: 23.55 min Scan# 2633

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

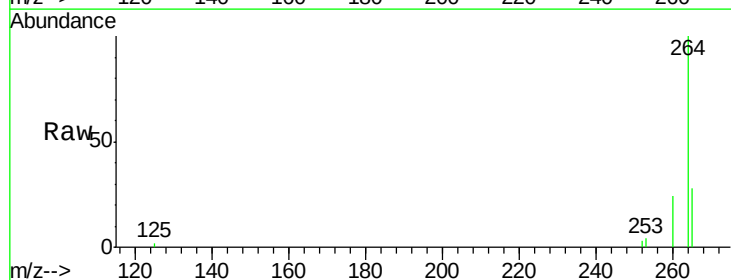
Tgt Ion:264 Resp: 16340

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

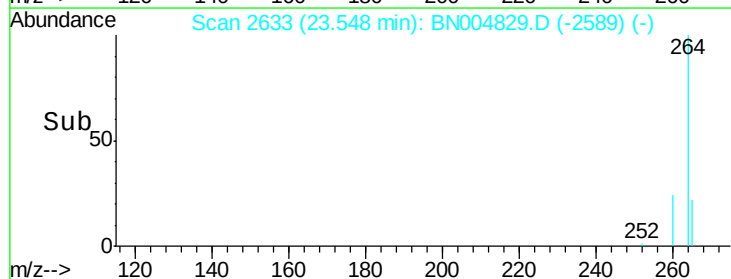
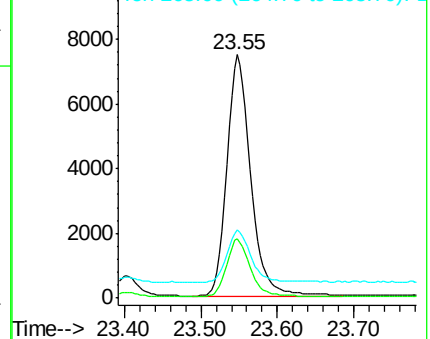
265 28.0 23.1 34.7

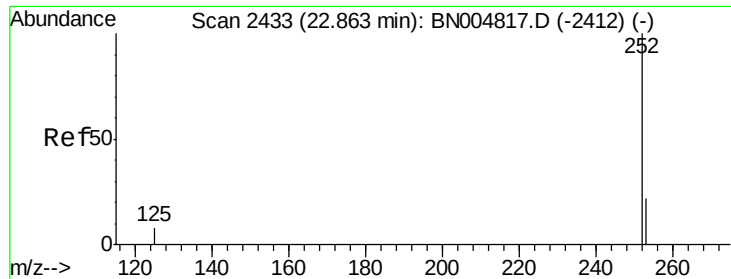


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.397 ng

RT: 22.86 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

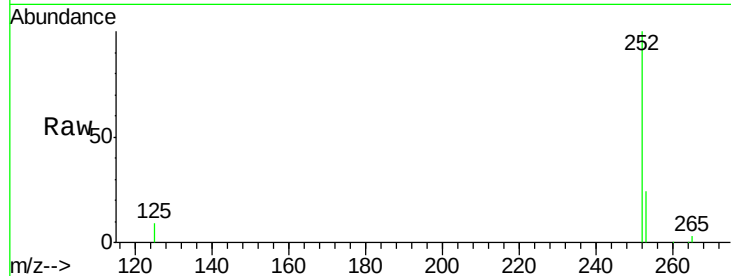
Tot Ion:252 Resp: 23480

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.4

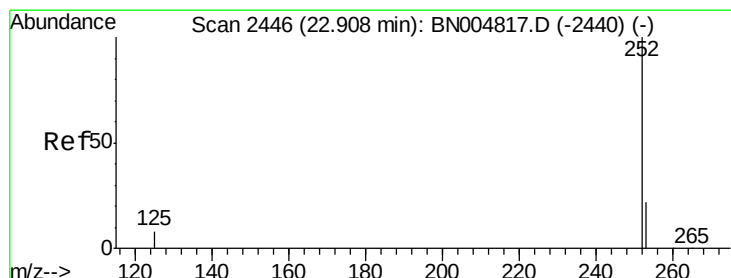
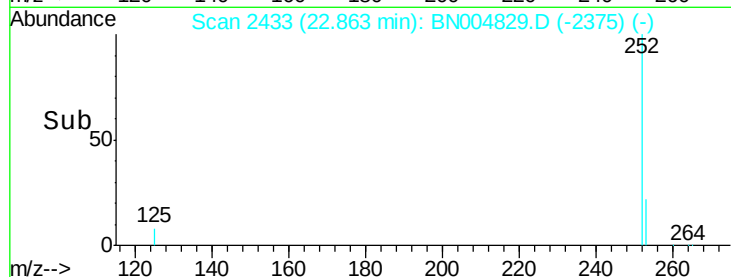
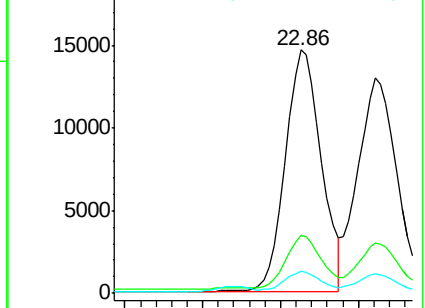
125 9.0 7.4 11.2



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: 0.398 ng

RT: 22.91 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

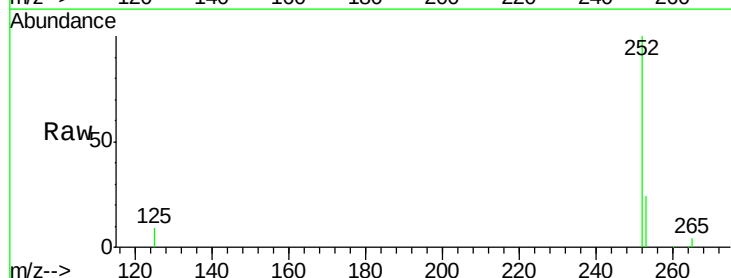
Tgt Ion:252 Resp: 23134

Ion Ratio Lower Upper

252 100

253 23.6 19.3 28.9

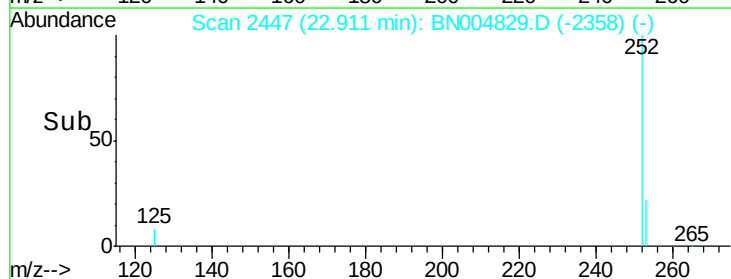
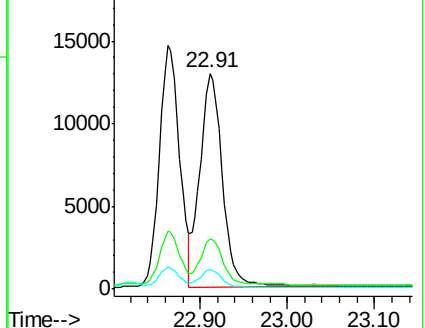
125 8.8 7.4 11.0

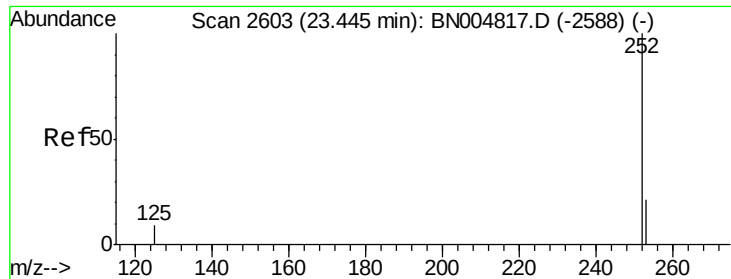


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.45 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS

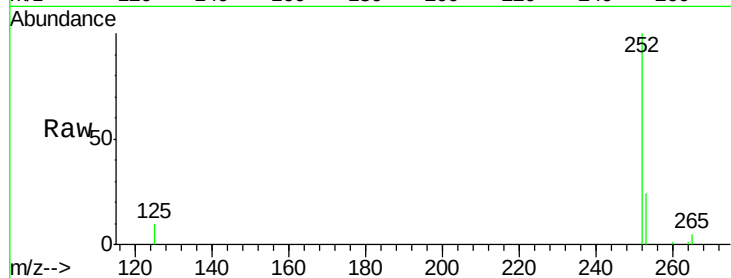
Tot Ion:252 Resp: 21369

Ion Ratio Lower Upper

252 100

253 24.5 19.7 29.5

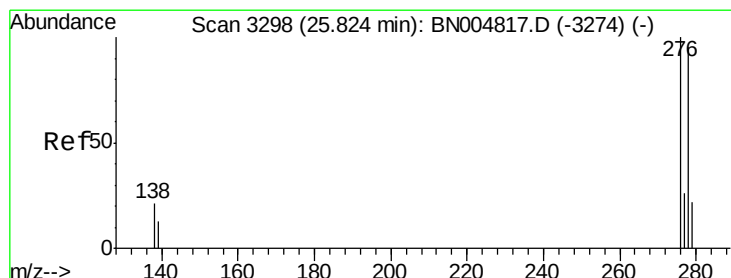
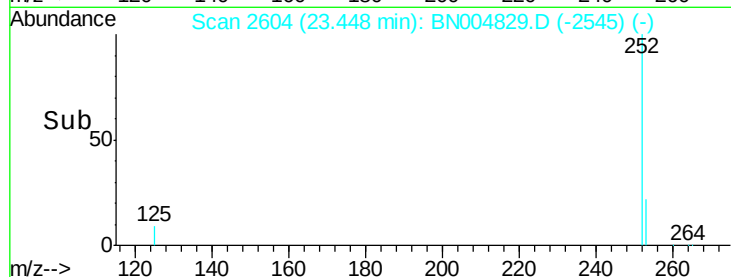
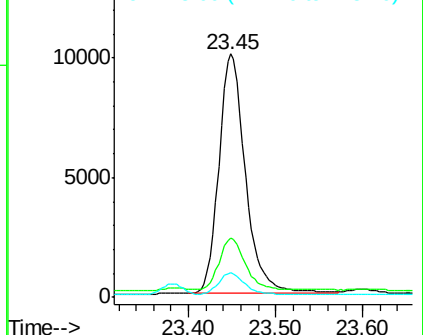
125 10.1 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.396 ng

RT: 25.83 min Scan# 3300

Delta R.T. 0.01 min

Lab File: BN004829.D

Acq: 20 Mar 2019 21:06

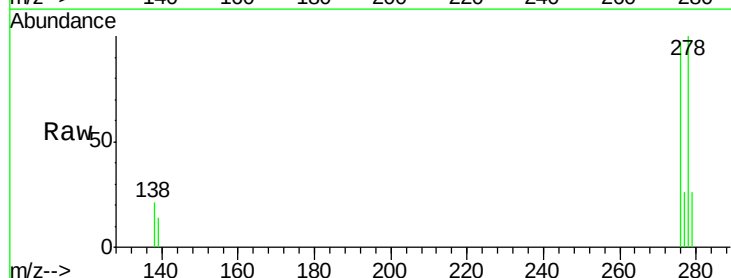
Tgt Ion:278 Resp: 24852

Ion Ratio Lower Upper

278 100

139 14.3 11.7 17.5

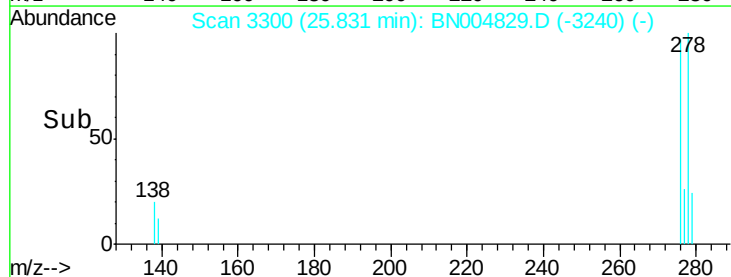
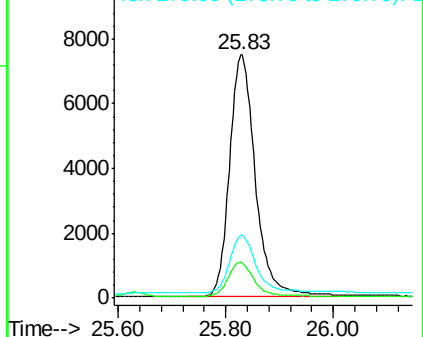
279 25.7 19.9 29.9

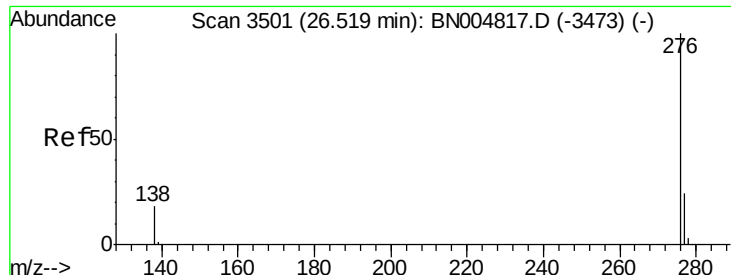


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.395 ng

RT: 26.52 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BN004829.D

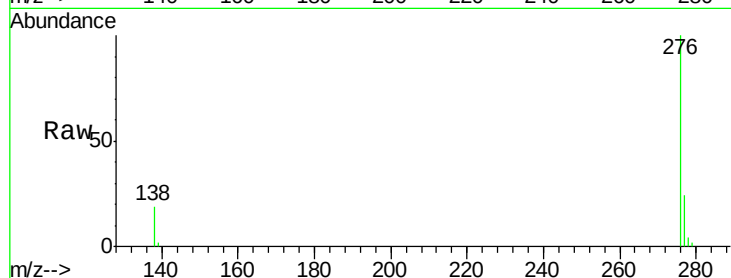
Acq: 20 Mar 2019 21:06

Instrument :

BNA_N

ClientSampleId :

PB118093BS



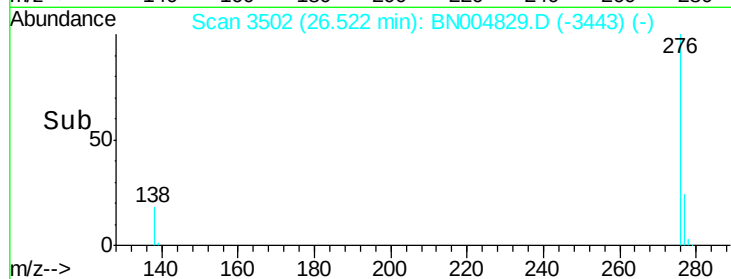
Tot Ion: 276 Resp: 25289

Ion Ratio Lower Upper

276 100

277 24.5 19.7 29.5

138 18.5 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

