

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004826.D
 Acq On : 20 Mar 2019 19:20
 Operator : JU/SJ
 Sample : PB117833BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB117833BS

Quant Time: Mar 21 08:47:30 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	1431	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6360	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4154	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	10693	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14823	0.40	ng	0.00
34) Perylene-d12	23.55	264	16691	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1484	0.38	ng	0.00
5) Phenol-d6	6.88	99	1809	0.37	ng	0.00
8) Nitrobenzene-d5	8.87	82	1563	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4394	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	976	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6897	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	13827	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	11950	0.39	ng	0.00

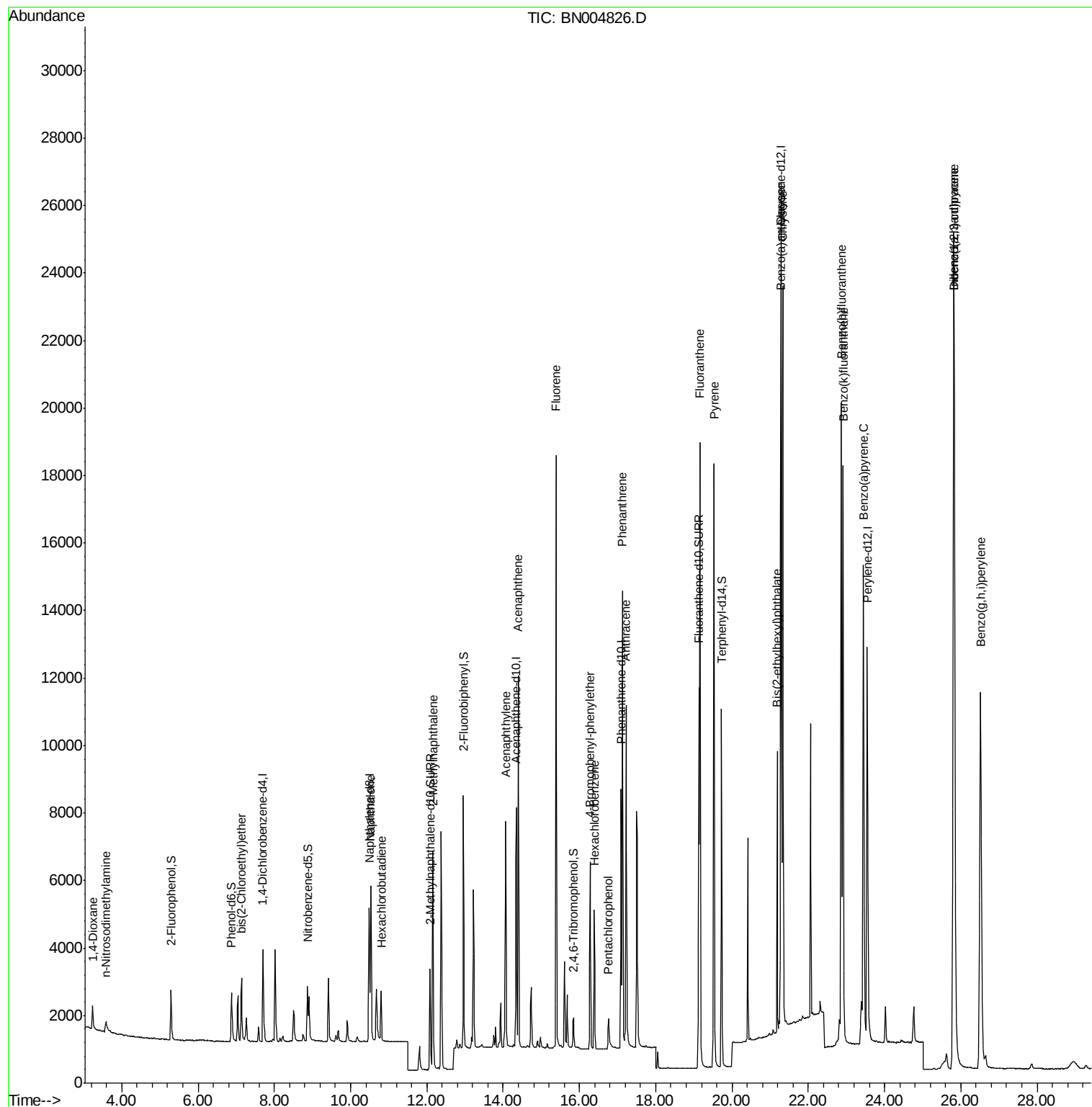
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	662	0.407	ng	95
3) n-Nitrosodimethylamine	3.58	42	340	0.354	ng	# 93
6) bis(2-Chloroethyl)ether	7.14	93	1728	0.395	ng	97
9) Naphthalene	10.53	128	7095	0.398	ng	98
10) Hexachlorobutadiene	10.81	225	1395	0.410	ng	# 99
12) 2-Methylnaphthalene	12.15	142	5329	0.402	ng	99
16) Acenaphthylene	14.07	152	7921	0.370	ng	100
17) Acenaphthene	14.40	154	5581	0.398	ng	100
18) Fluorene	15.39	166	7762	0.397	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	2747	0.393	ng	98
21) Hexachlorobenzene	16.39	284	3202	0.400	ng	99
22) Pentachlorophenol	16.76	266	703	0.450	ng	99
23) Phenanthrene	17.13	178	13623	0.395	ng	100
24) Anthracene	17.23	178	11668	0.378	ng	100
26) Fluoranthene	19.16	202	17308	0.390	ng	100
28) Pyrene	19.53	202	17836	0.395	ng	100
30) Benzo(a)anthracene	21.28	228	18211	0.375	ng	100
31) Chrysene	21.33	228	20859	0.407	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	7332	0.377	ng	99
33) Indeno(1,2,3-cd)pyrene	25.82	276	31003	0.418	ng	100
35) Benzo(b)fluoranthene	22.86	252	24314	0.403	ng	99
36) Benzo(k)fluoranthene	22.91	252	23207	0.391	ng	99
37) Benzo(a)pyrene	23.45	252	21819	0.394	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	25574	0.399	ng	100
39) Benzo(g,h,i)perylene	26.52	276	25850	0.395	ng	100

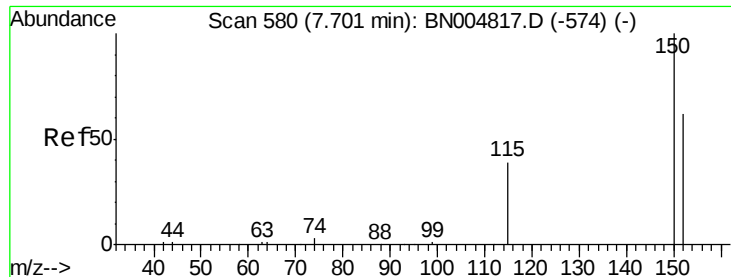
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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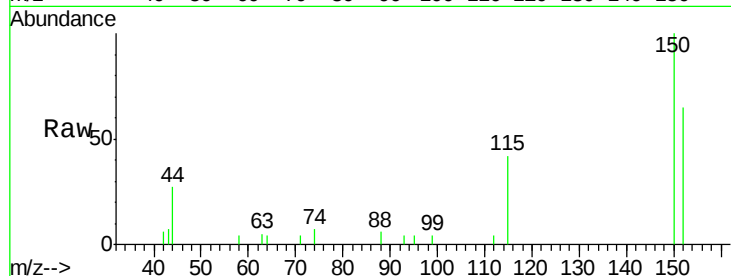


#1

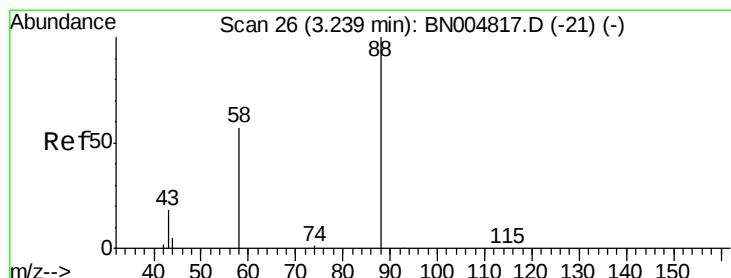
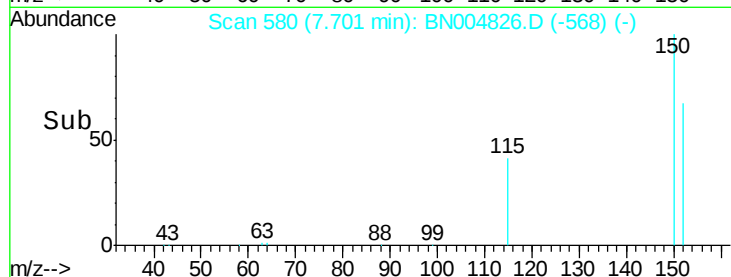
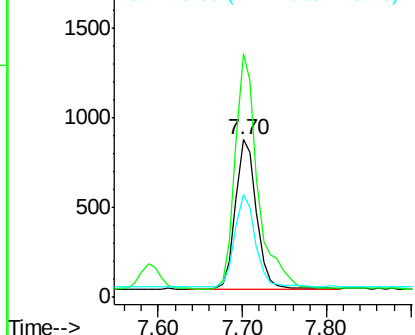
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Instrument :
BNA_N
ClientSampleId :
PB117833BS

Tot Ion:152 Resp: 1431
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.4
115 65.2 52.6 79.0



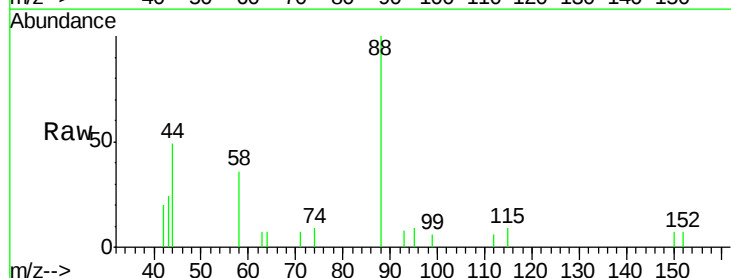
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



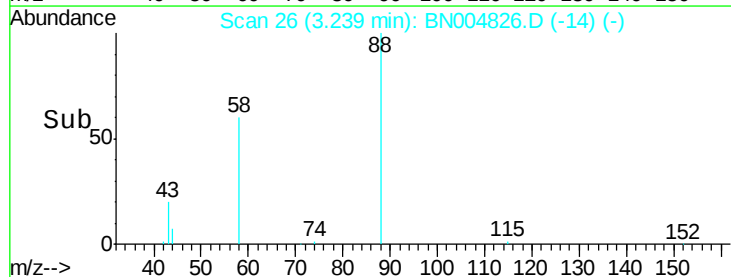
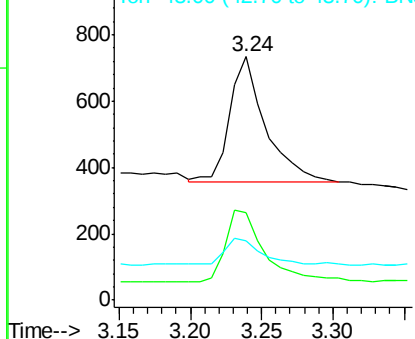
#2

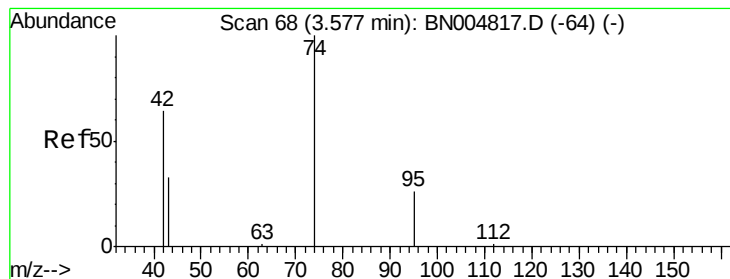
1,4-Dioxane
Concen: 0.407 ng
RT: 3.24 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Tgt Ion: 88 Resp: 662
Ion Ratio Lower Upper
88 100
58 61.6 51.4 77.2
43 20.5 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: 0.354 ng

RT: 3.58 min Scan# 68

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

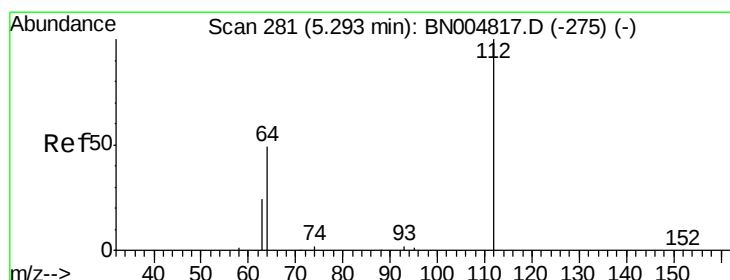
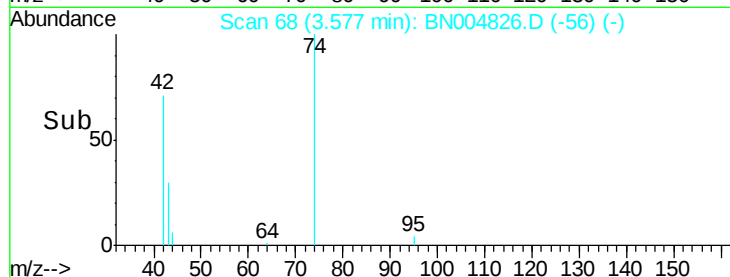
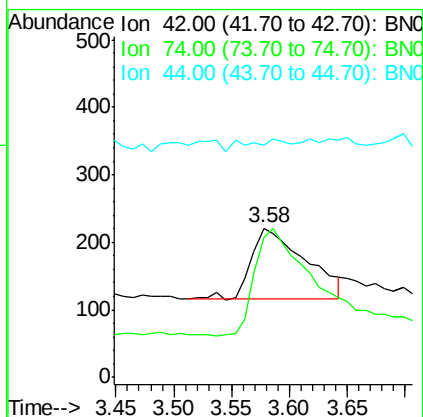
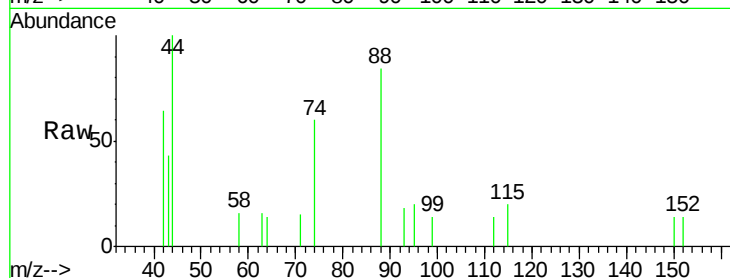
Tot Ion: 42 Resp: 340

Ion Ratio Lower Upper

42 100

74 152.1 128.4 192.6

44 12.6 6.1 9.1#



#4

2-Fluorophenol

Concen: 0.382 ng

RT: 5.29 min Scan# 281

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

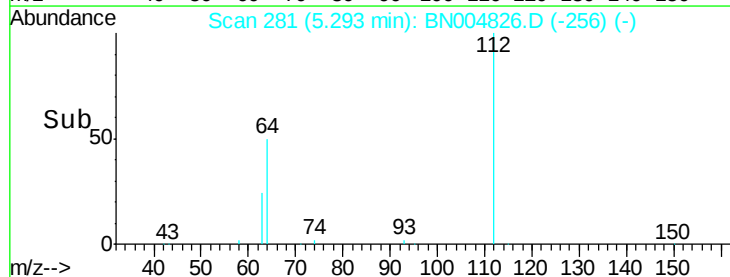
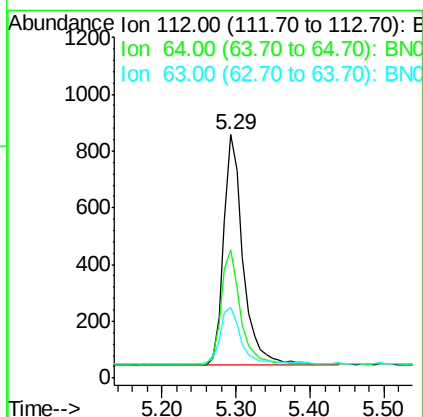
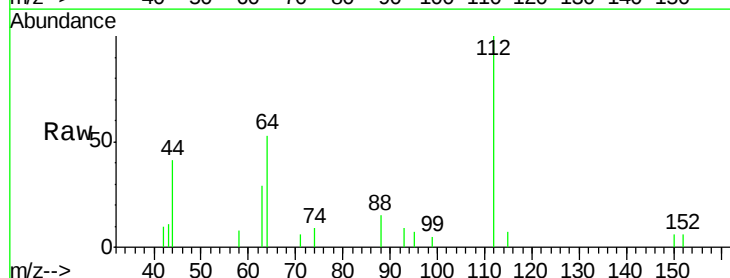
Tgt Ion: 112 Resp: 1484

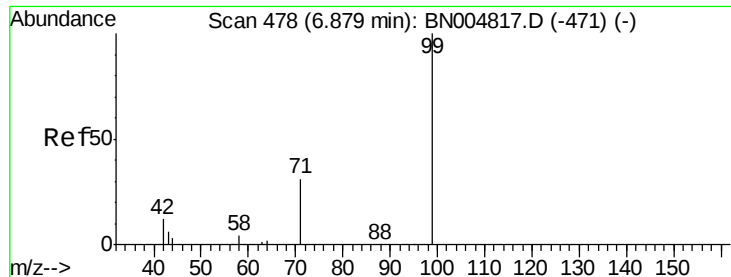
Ion Ratio Lower Upper

112 100

64 50.1 40.0 60.0

63 25.6 20.2 30.2





#5

Phenol-d6

Concen: 0.374 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

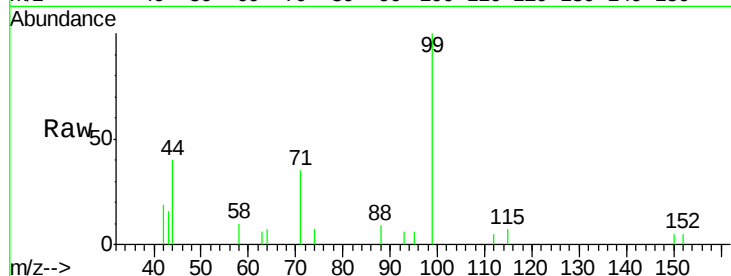
Tot Ion: 99 Resp: 1809

Ion Ratio Lower Upper

99 100

42 15.7 12.7 19.1

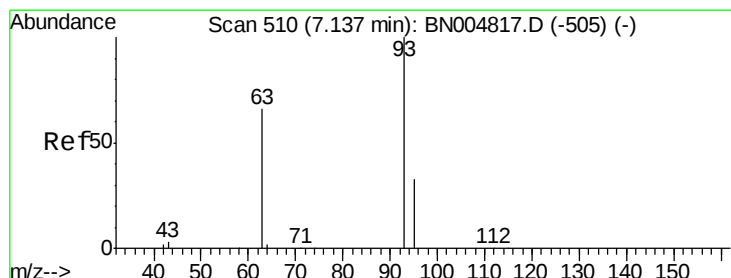
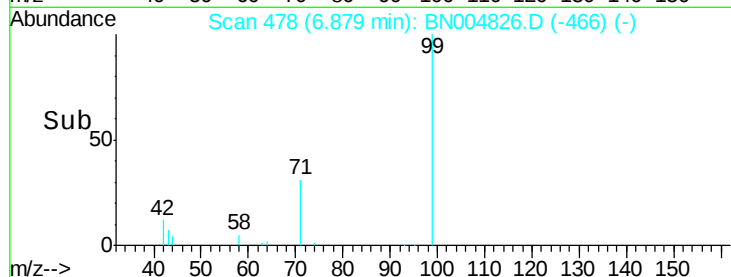
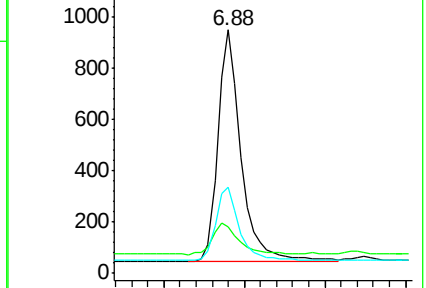
71 31.8 26.6 40.0



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

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

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



#6

bis(2-Chloroethyl)ether

Concen: 0.395 ng

RT: 7.14 min Scan# 510

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

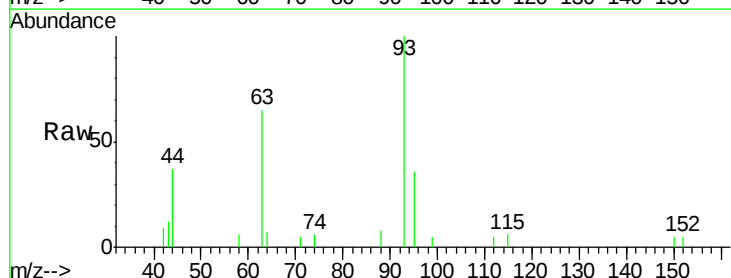
Tgt Ion: 93 Resp: 1728

Ion Ratio Lower Upper

93 100

63 63.1 52.6 78.8

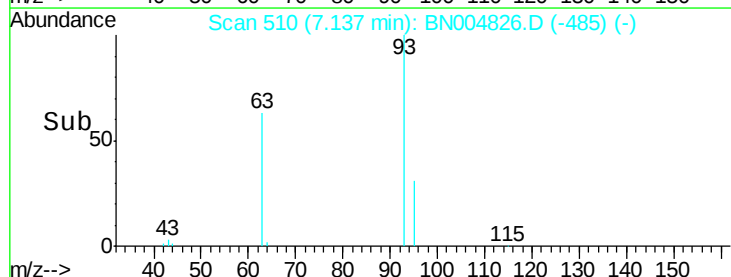
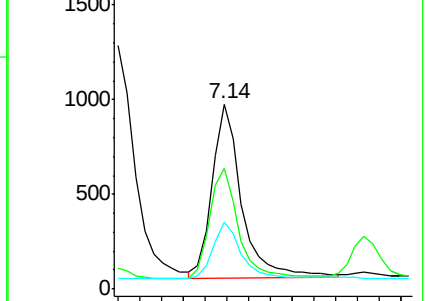
95 31.4 25.9 38.9

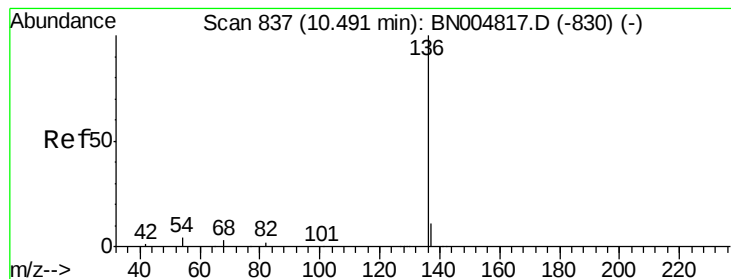


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

Tot Ion:136 Resp: 6360

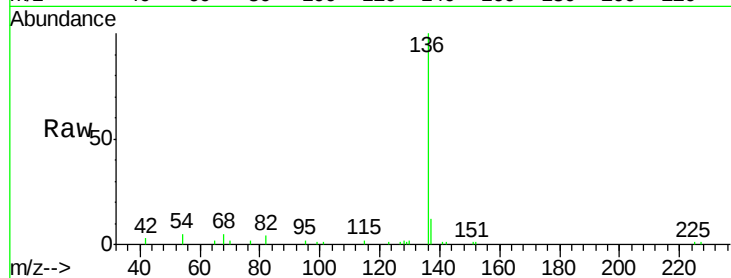
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 5.1 4.2 6.2

68 4.7 3.9 5.9

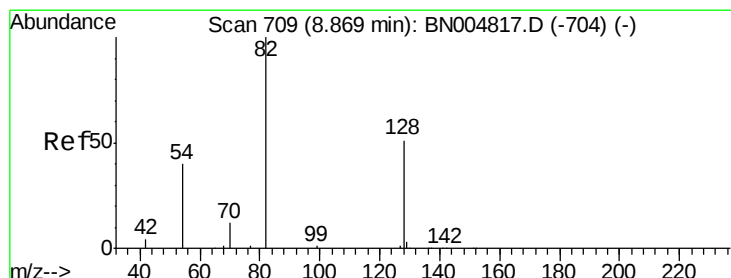
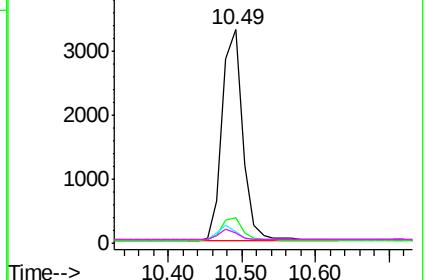
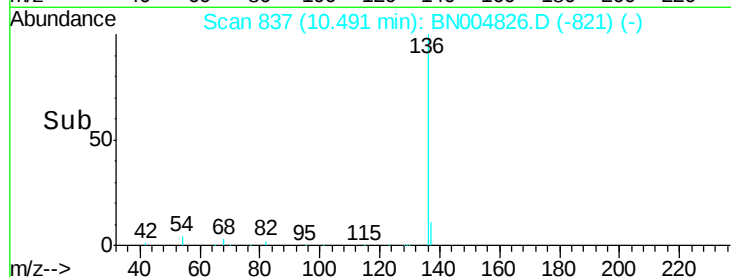


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

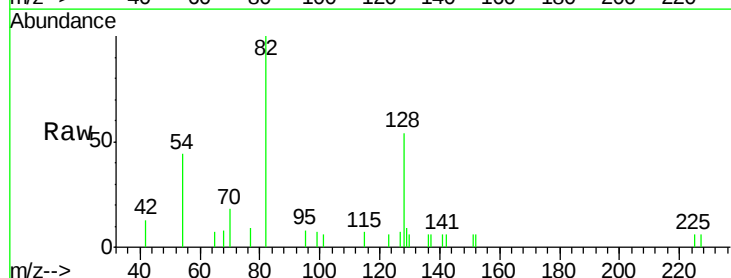
Tgt Ion: 82 Resp: 1563

Ion Ratio Lower Upper

82 100

128 53.6 43.0 64.6

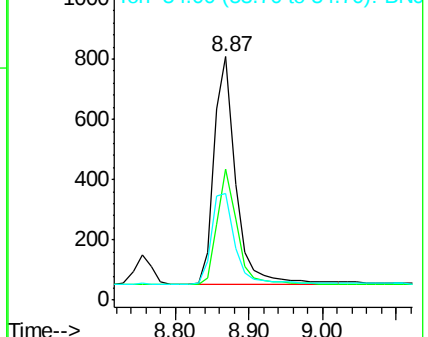
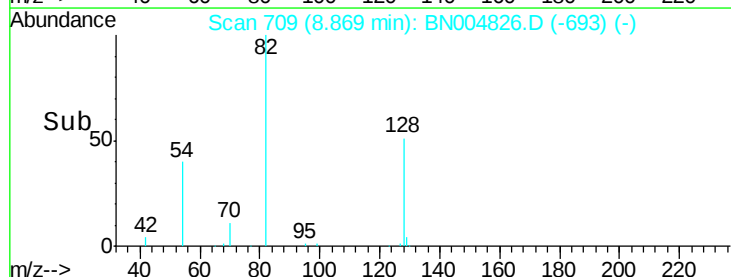
54 44.1 35.3 52.9

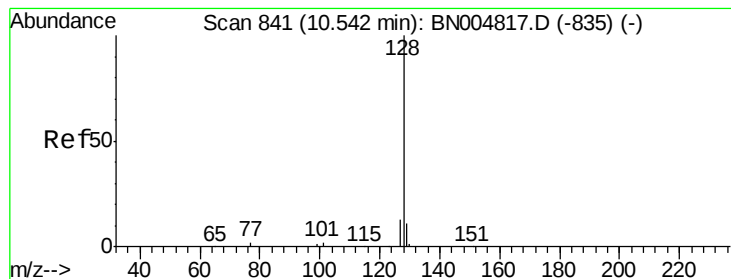


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.398 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

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ClientSampleId :

PB117833BS

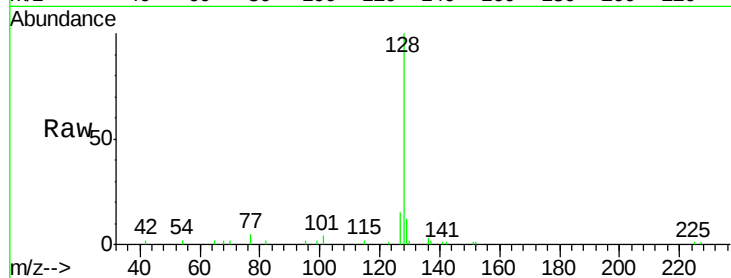
Tot Ion:128 Resp: 7095

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

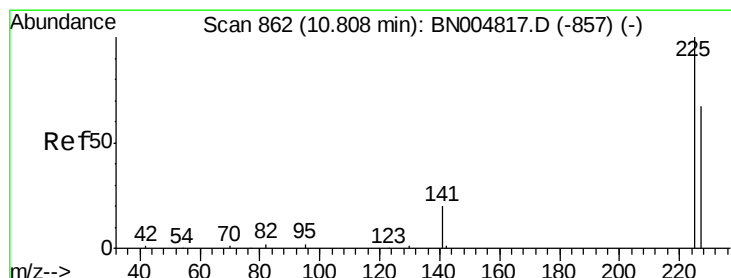
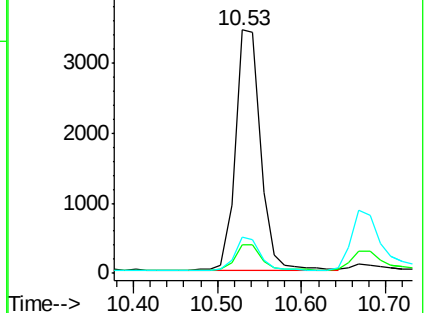
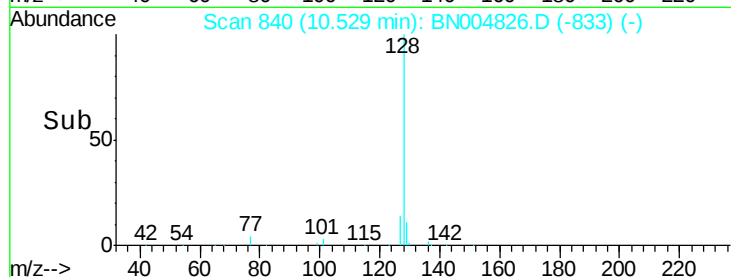
127 15.1 11.3 16.9



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: 0.410 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

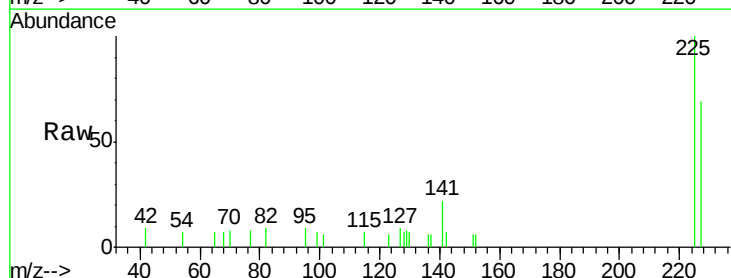
Tgt Ion:225 Resp: 1395

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

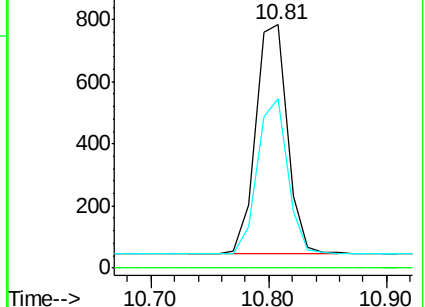
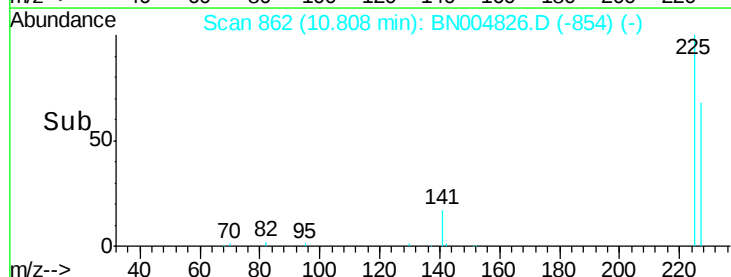
227 64.7 52.2 78.4

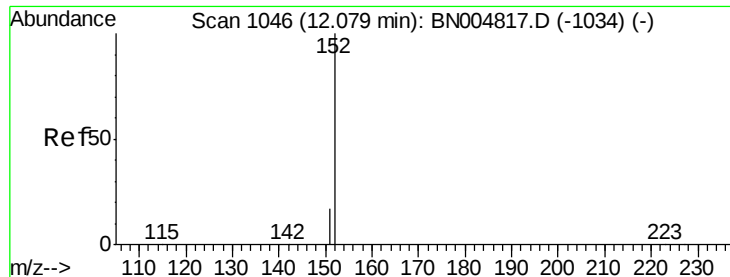


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

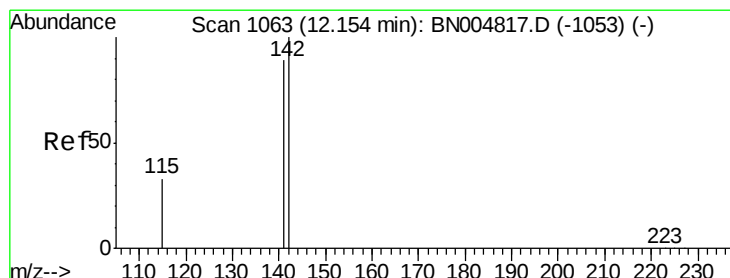
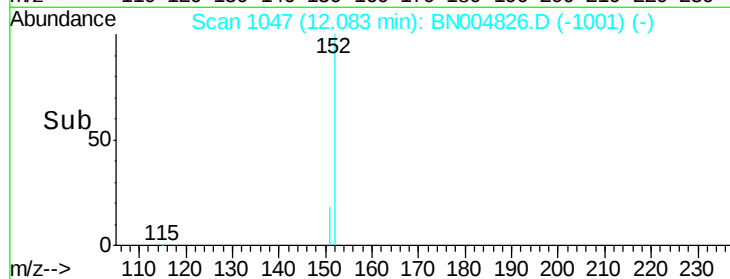
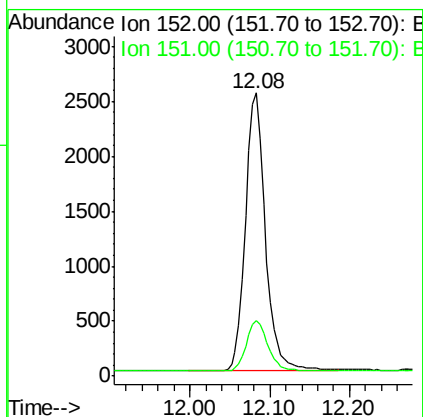
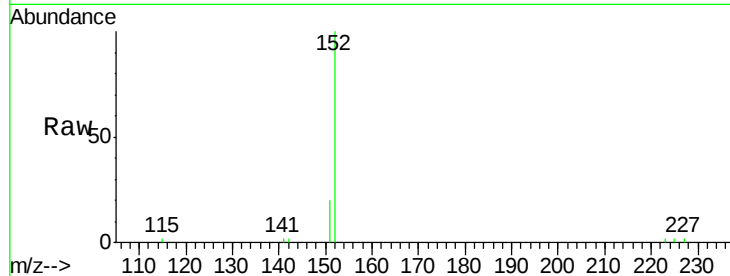




#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.08 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

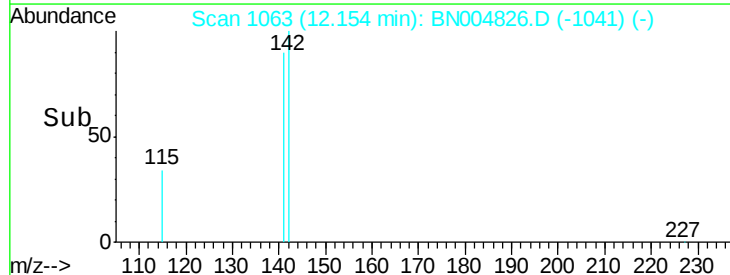
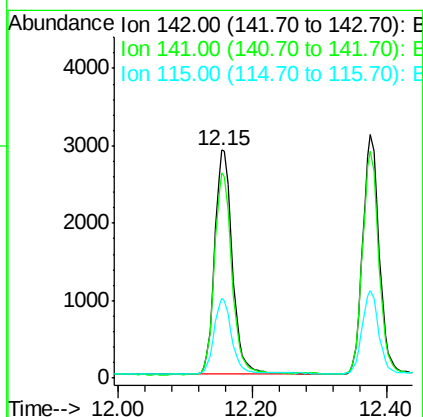
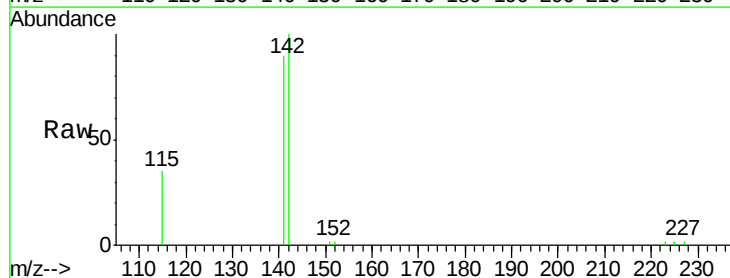
Instrument :
BNA_N
ClientSampleId :
PB117833BS

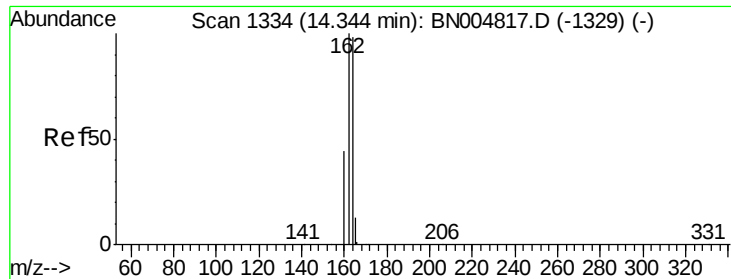
Tot Ion:152 Resp: 4394
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3



#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.15 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Tgt Ion:142 Resp: 5329
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2
115 35.0 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

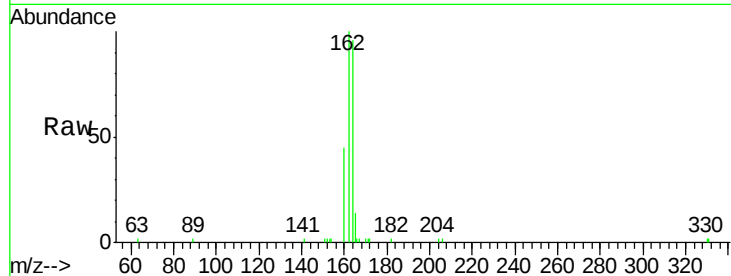
Tot Ion:164 Resp: 4154

Ion Ratio Lower Upper

164 100

162 104.2 81.9 122.9

160 46.8 36.6 54.8

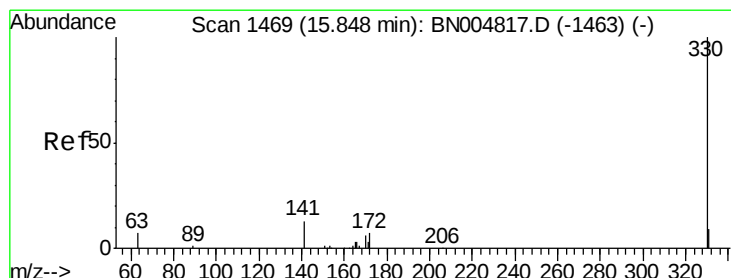
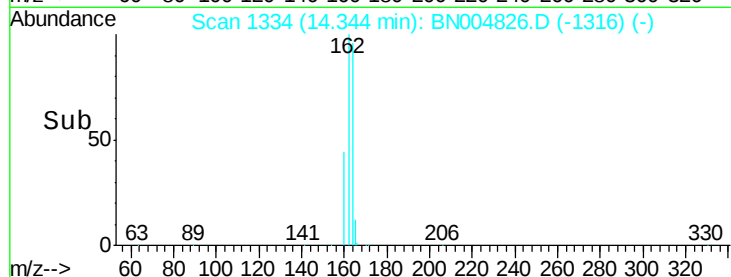
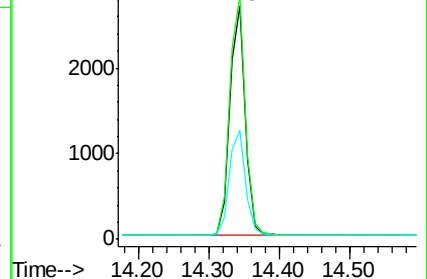


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.34



#14

2,4,6-Tribromophenol

Concen: 0.340 ng

RT: 15.85 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

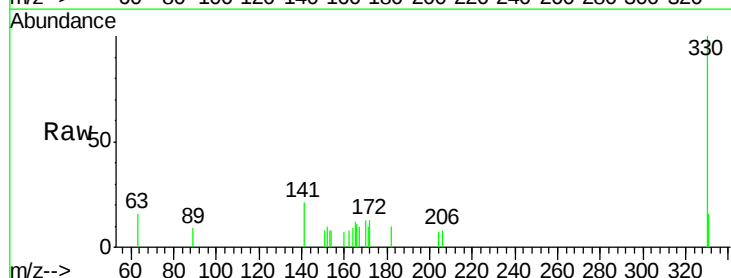
Tgt Ion:330 Resp: 976

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 25.1 20.9 31.3

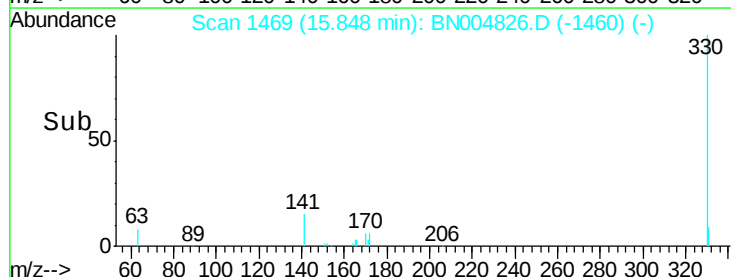
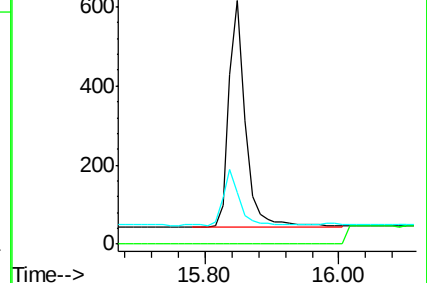


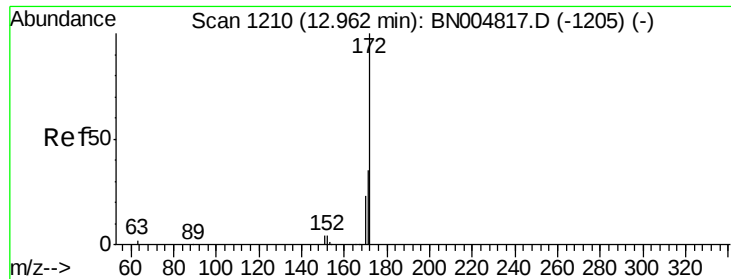
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.85

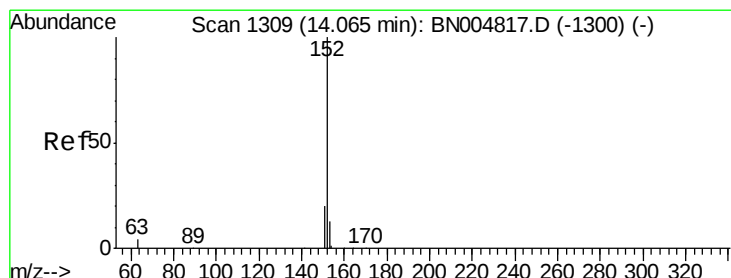
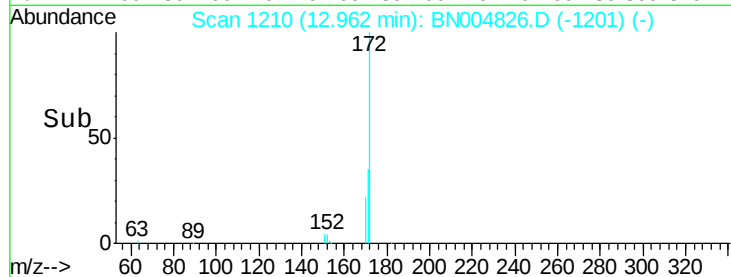
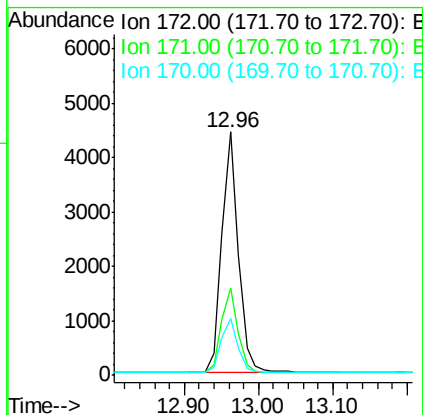
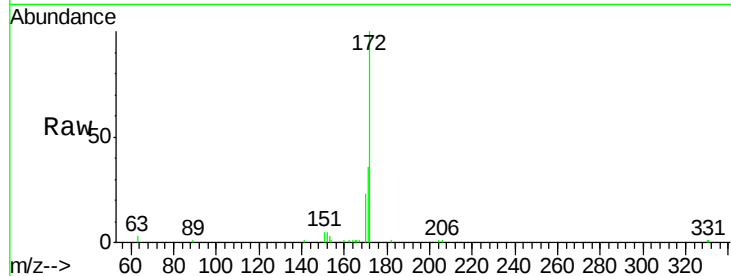




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

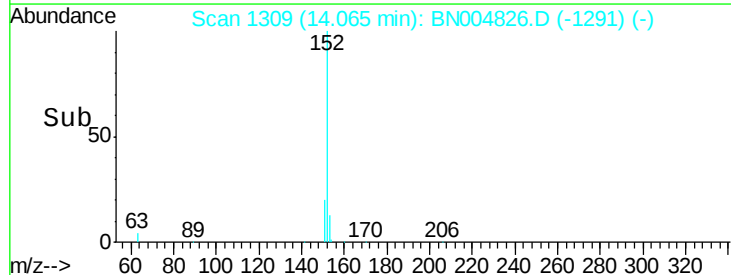
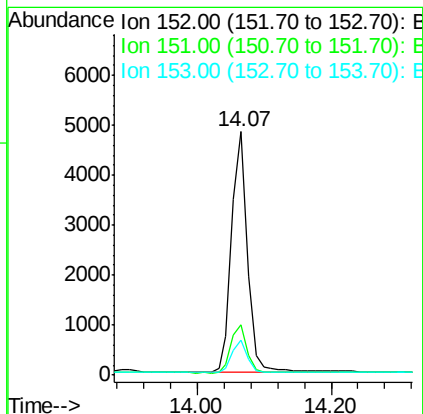
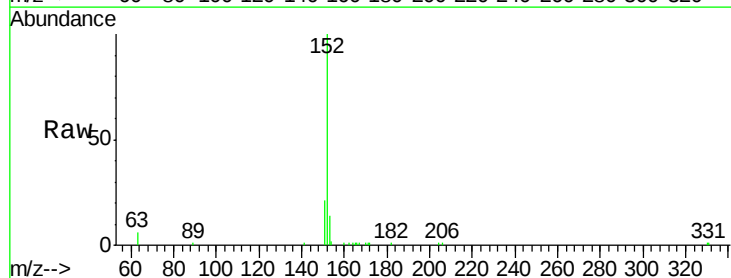
Instrument :
BNA_N
ClientSampleId :
PB117833BS

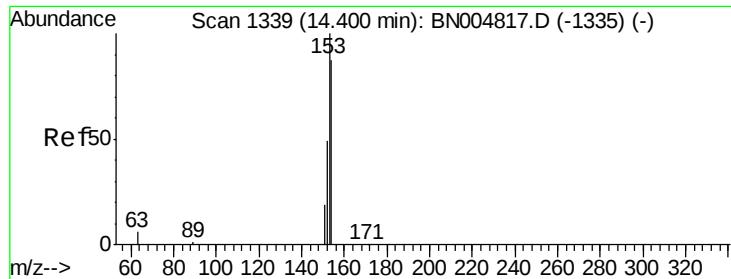
Tot Ion:172 Resp: 6897
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.0 18.7 28.1



#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Tgt Ion:152 Resp: 7921
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.40 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

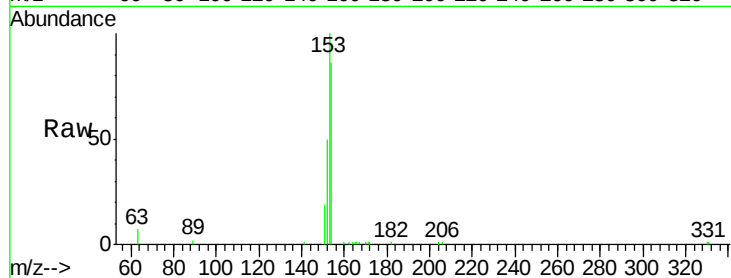
Tot Ion:154 Resp: 5581

Ion Ratio Lower Upper

154 100

153 114.5 91.4 137.2

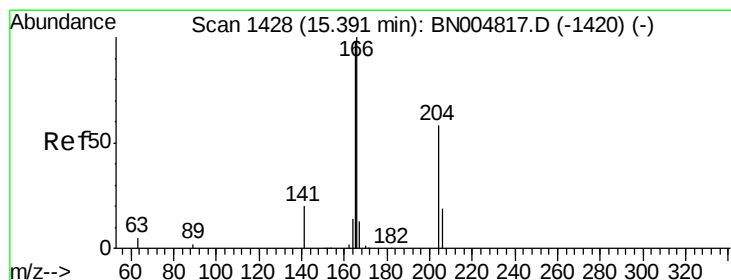
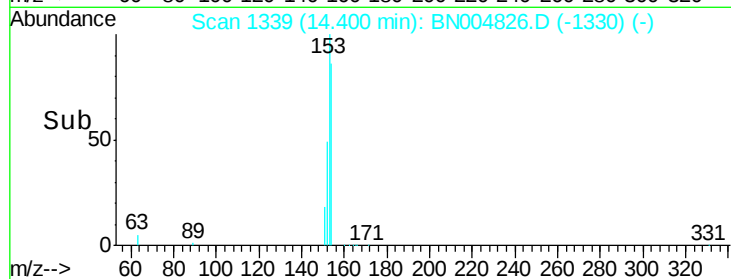
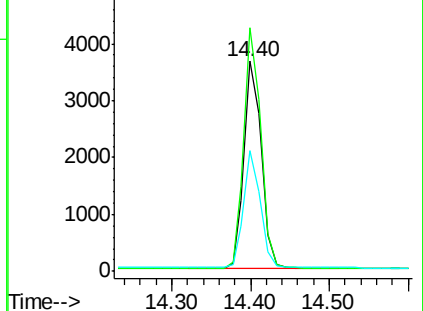
152 54.9 44.2 66.2



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: 0.397 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

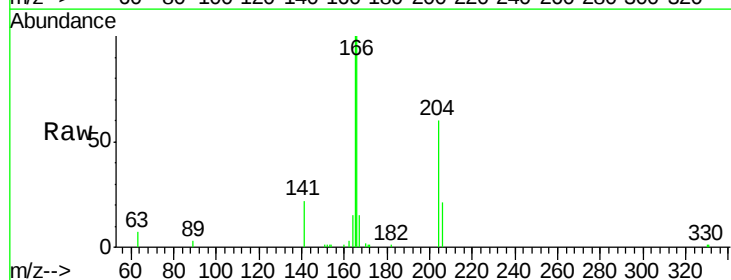
Tgt Ion:166 Resp: 7762

Ion Ratio Lower Upper

166 100

165 98.9 78.2 117.4

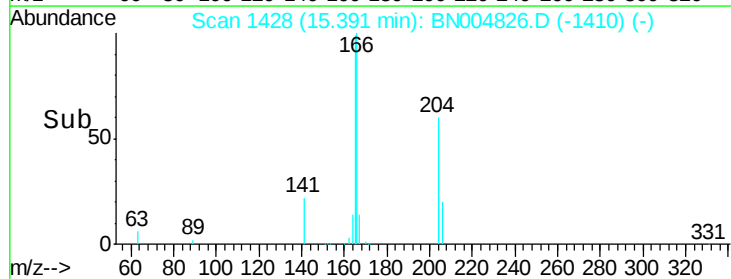
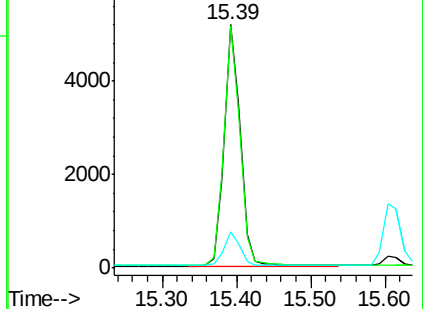
167 13.6 11.0 16.4

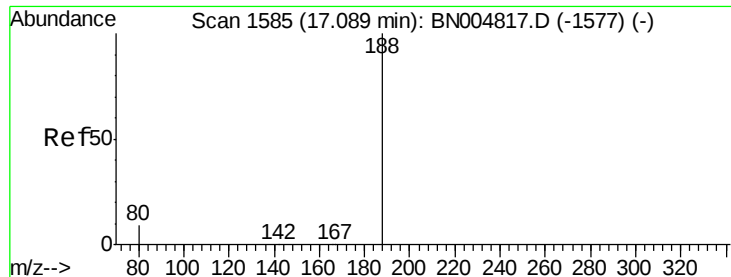


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

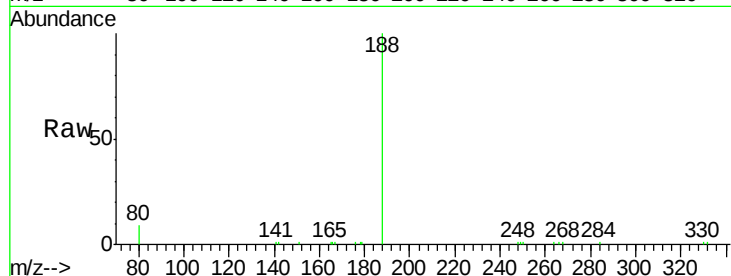
Tot Ion:188 Resp: 10693

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

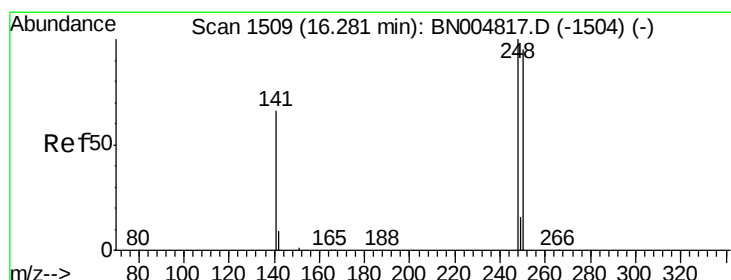
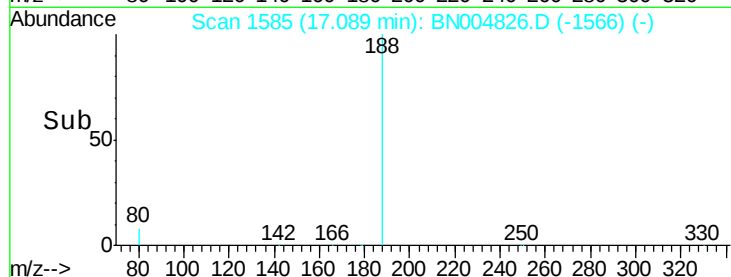
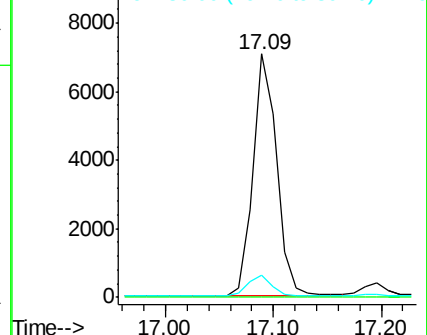
80 9.1 7.4 11.2



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: 0.393 ng

RT: 16.28 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

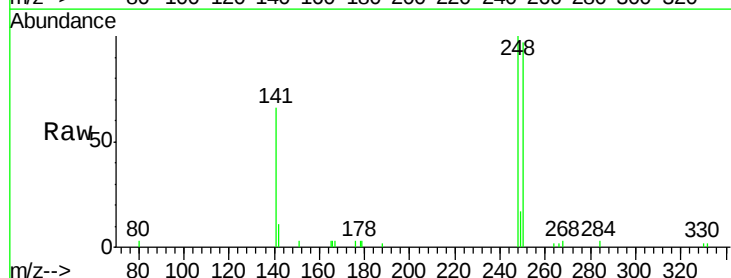
Tgt Ion:248 Resp: 2747

Ion Ratio Lower Upper

248 100

250 96.5 76.2 114.4

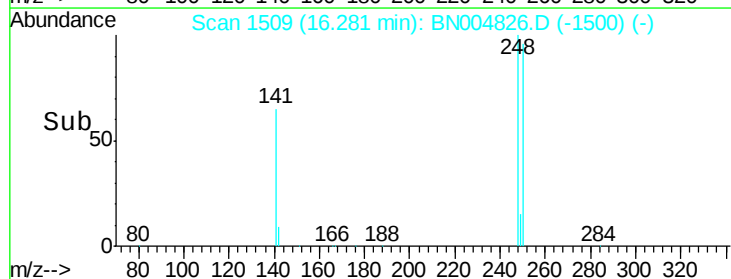
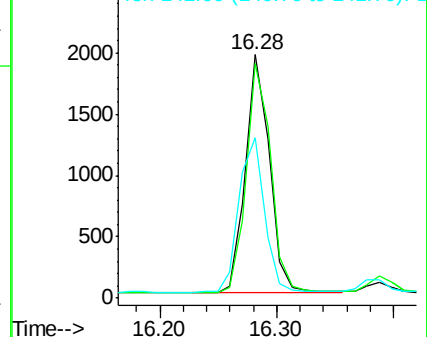
141 65.6 53.9 80.9

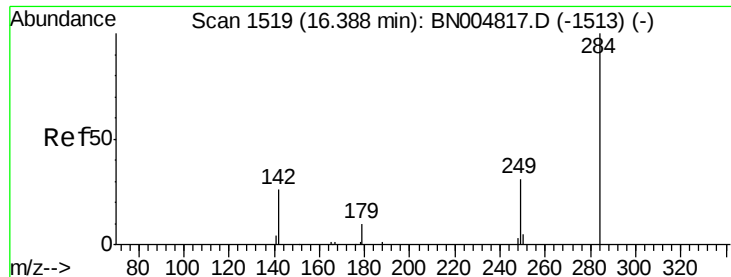


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

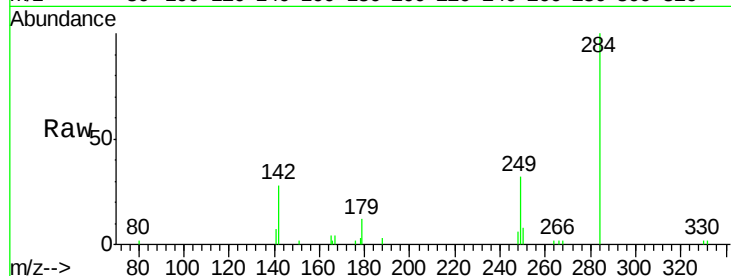
Tot Ion:284 Resp: 3202

Ion Ratio Lower Upper

284 100

142 28.5 22.6 34.0

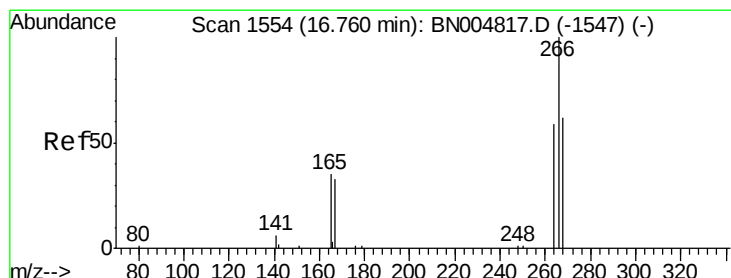
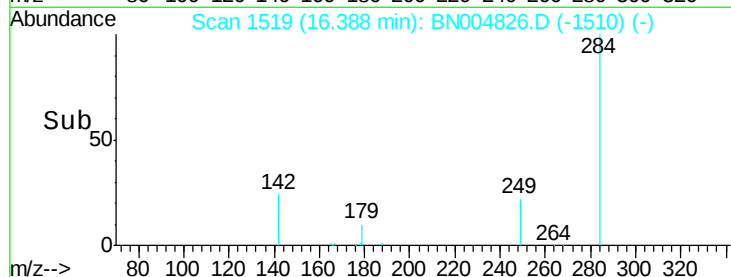
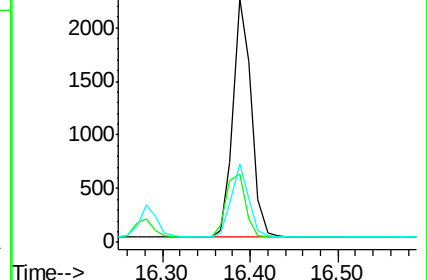
249 29.2 22.5 33.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.450 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

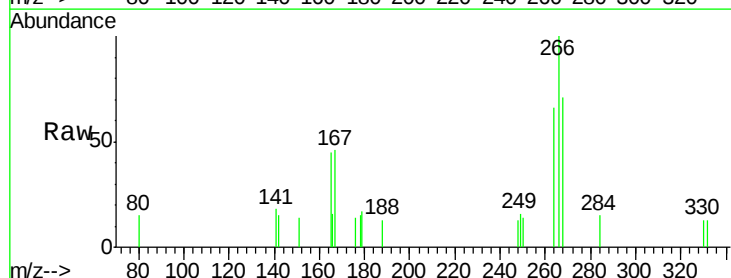
Tgt Ion:266 Resp: 703

Ion Ratio Lower Upper

266 100

264 65.6 53.1 79.7

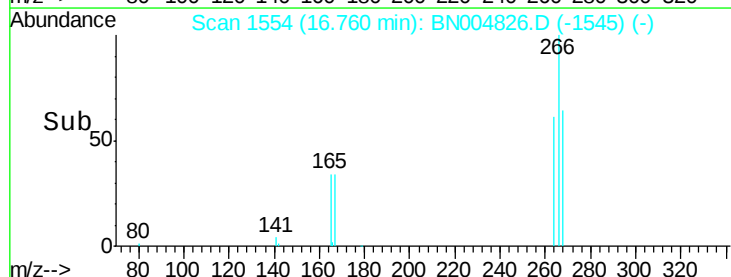
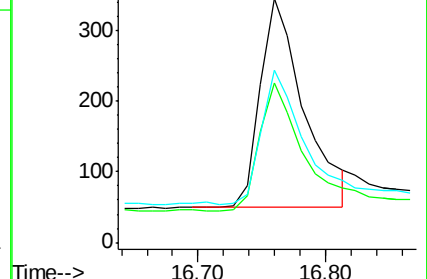
268 70.5 57.7 86.5

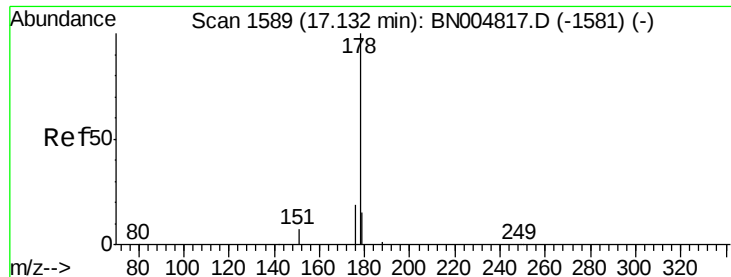


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.13 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

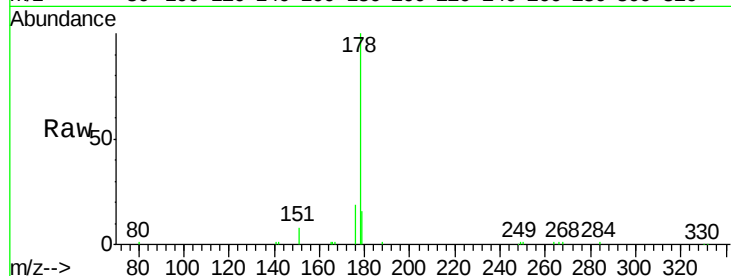
Tot Ion:178 Resp: 13623

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

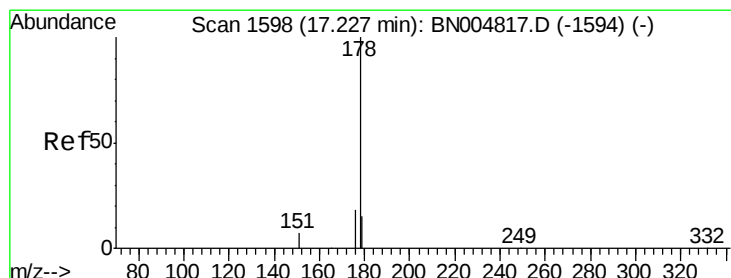
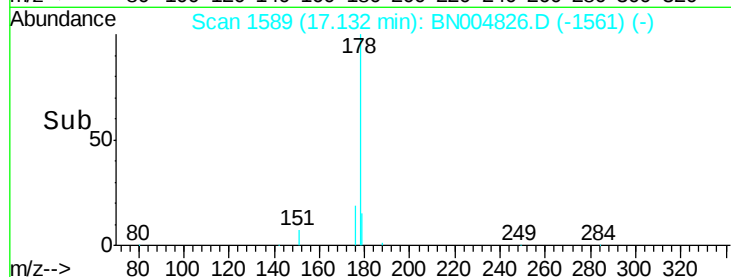
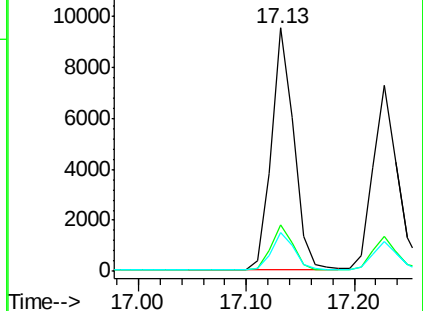
179 15.5 12.1 18.1



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: 0.378 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

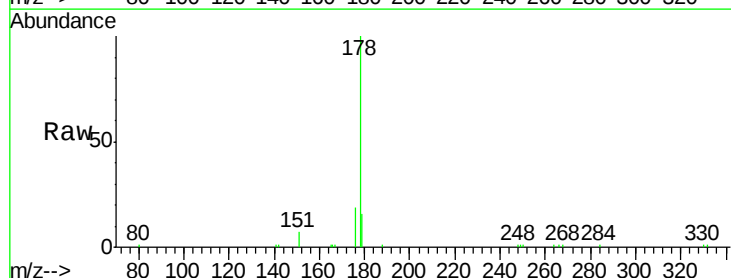
Tgt Ion:178 Resp: 11668

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

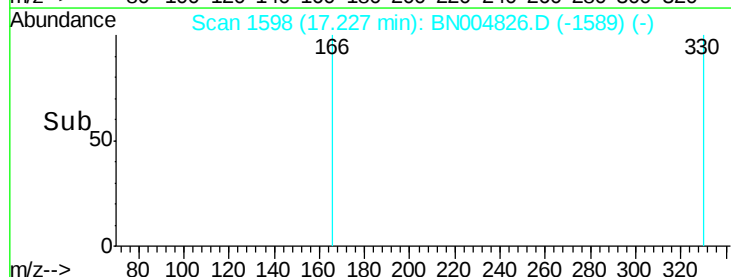
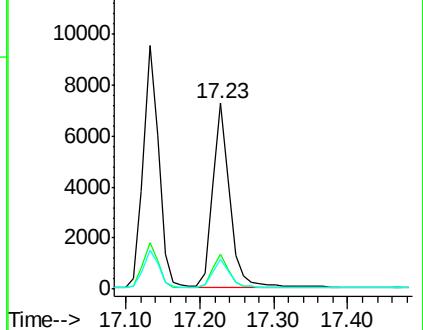
179 15.2 12.2 18.4

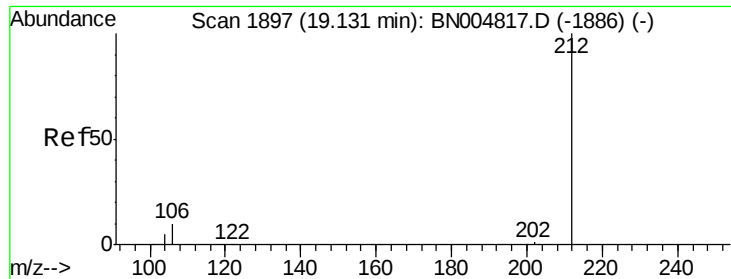


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.13 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

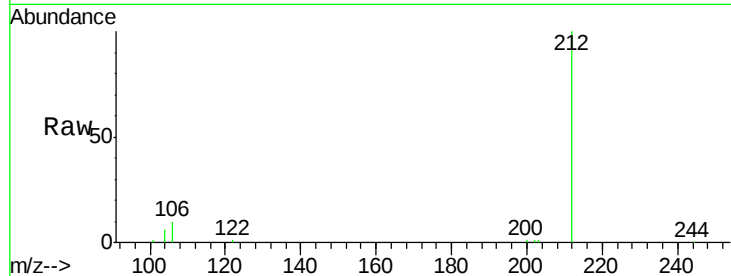
Tot Ion:212 Resp: 13827

Ion Ratio Lower Upper

212 100

106 10.5 8.6 13.0

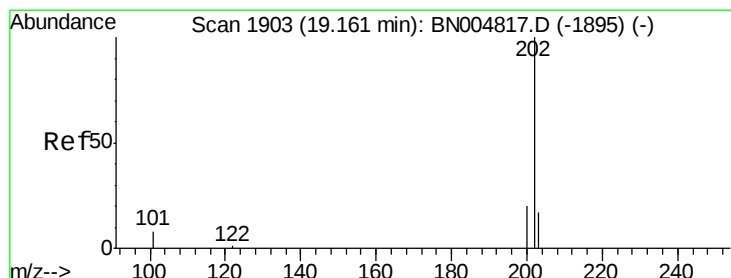
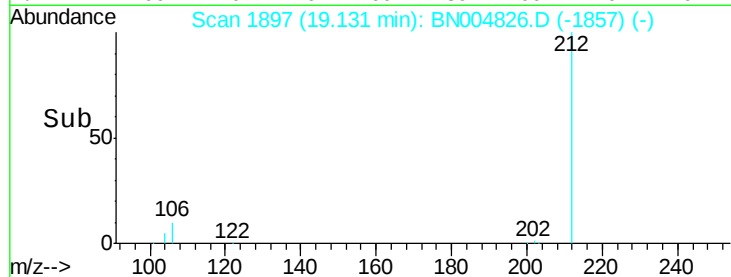
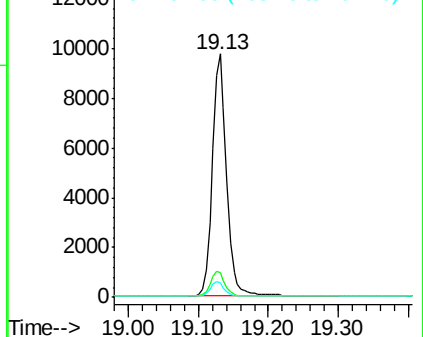
104 5.7 4.7 7.1



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: 0.390 ng

RT: 19.16 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

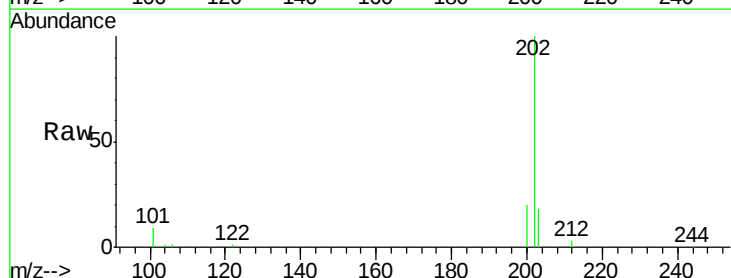
Tgt Ion:202 Resp: 17308

Ion Ratio Lower Upper

202 100

101 9.1 7.5 11.3

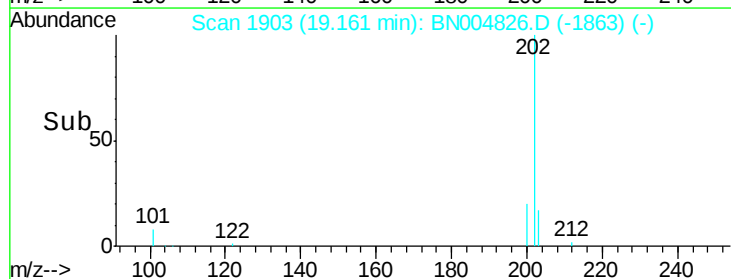
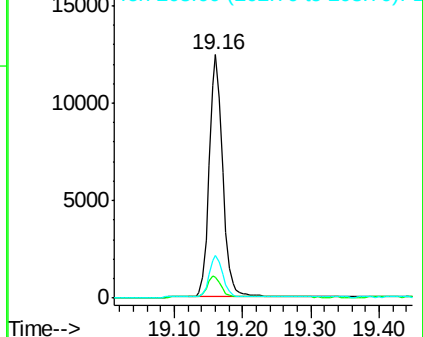
203 17.2 13.8 20.6

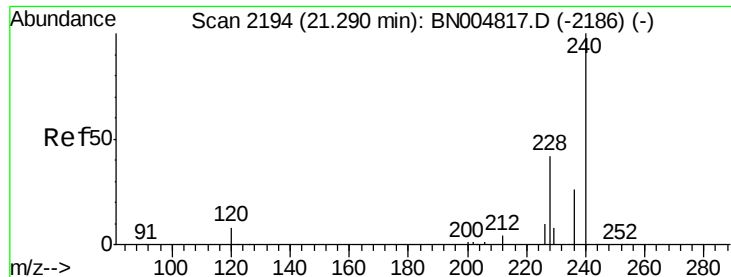


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

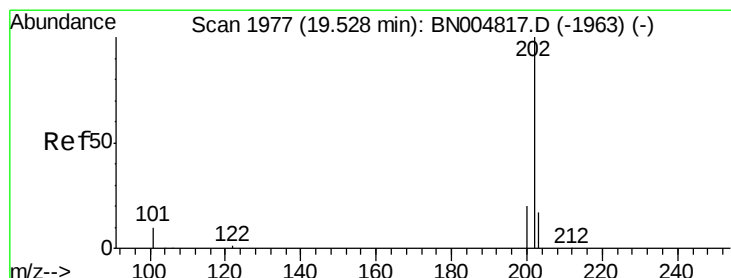
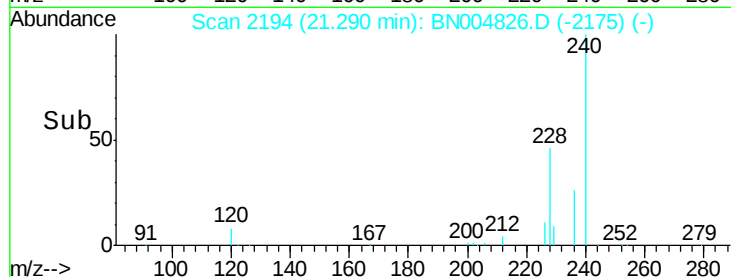
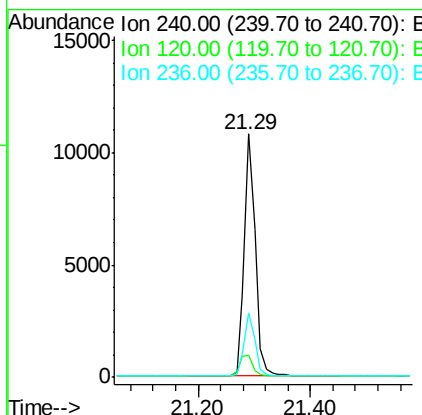
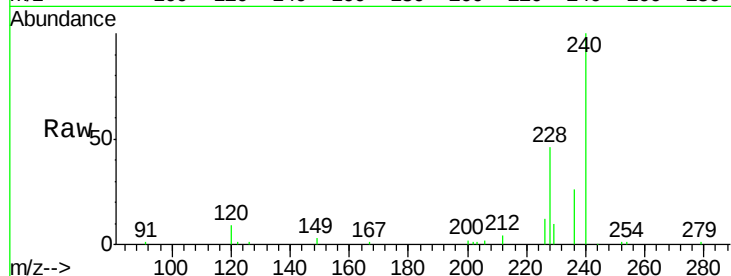




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

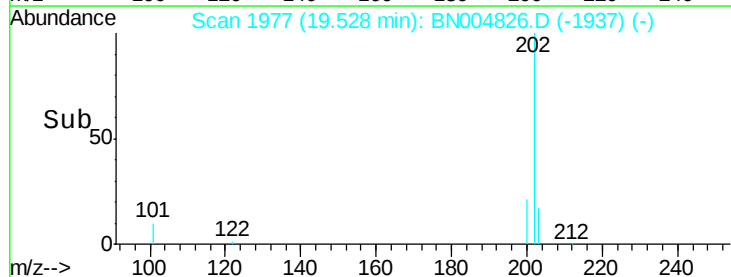
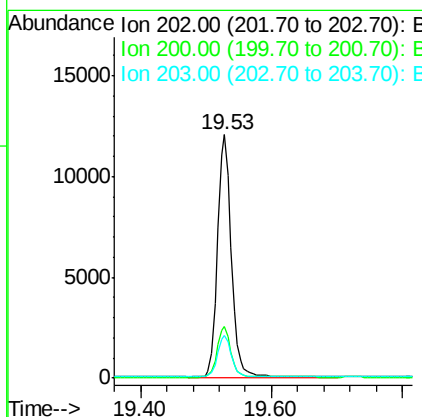
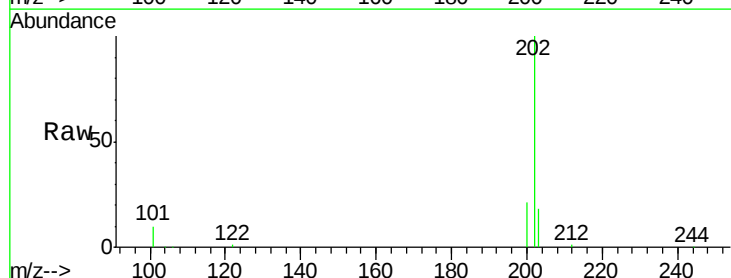
Instrument :
BNA_N
ClientSampleId :
PB117833BS

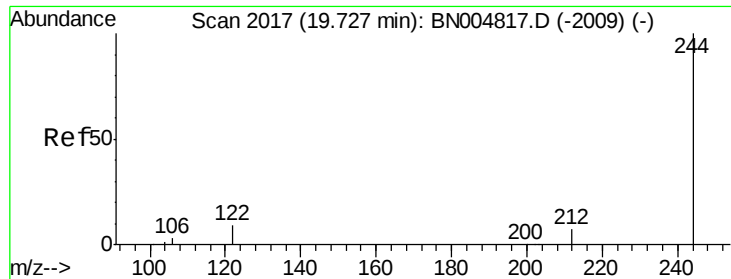
Tot Ion:240 Resp: 14823
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 26.4 20.9 31.3



#28
Pyrene
Concen: 0.395 ng
RT: 19.53 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Tgt Ion:202 Resp: 17836
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.73 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

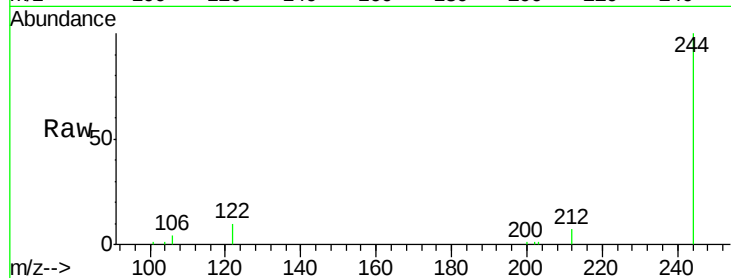
Tot Ion:244 Resp: 11950

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

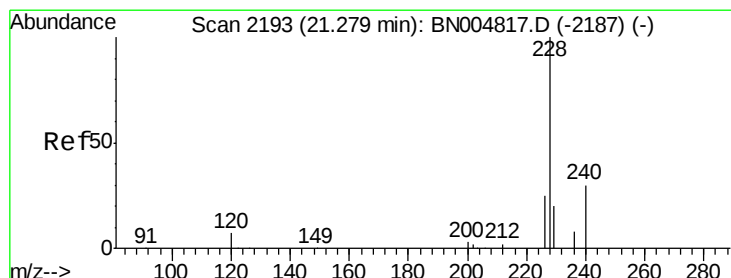
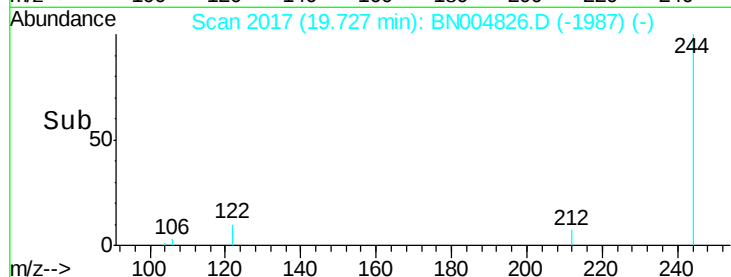
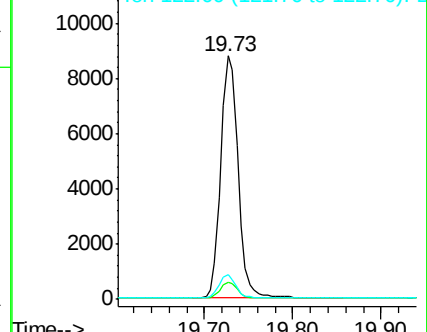
122 10.2 7.9 11.9



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: 0.375 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

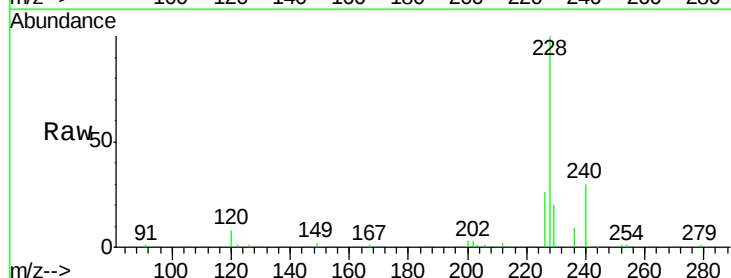
Tgt Ion:228 Resp: 18211

Ion Ratio Lower Upper

228 100

226 26.0 20.6 31.0

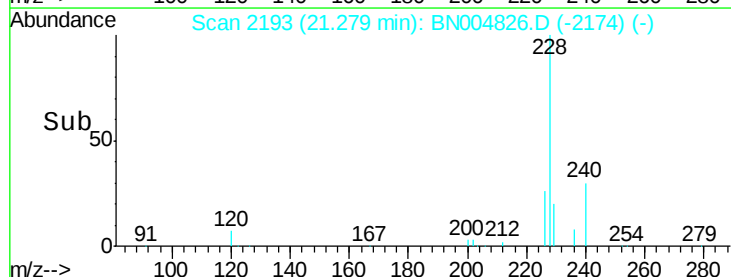
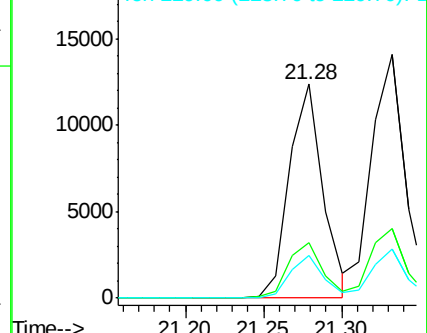
229 20.1 16.2 24.4

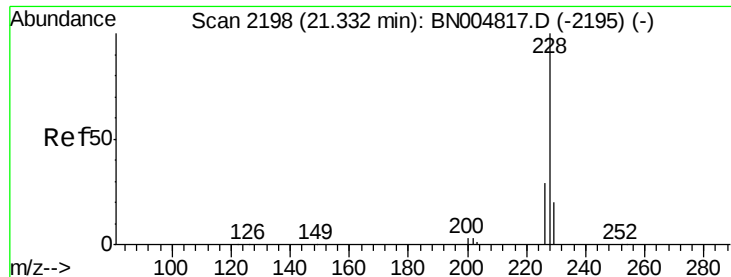


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.407 ng

RT: 21.33 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

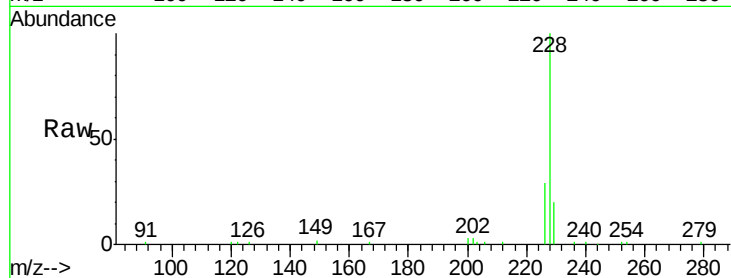
Tot Ion:228 Resp: 20859

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

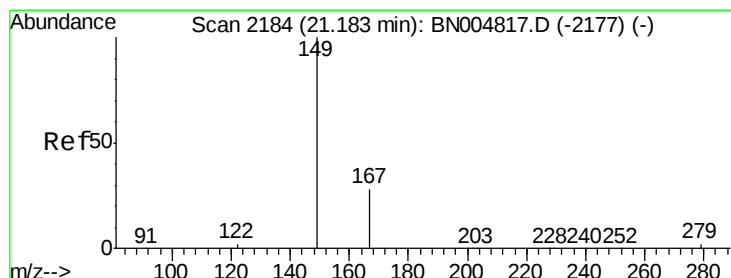
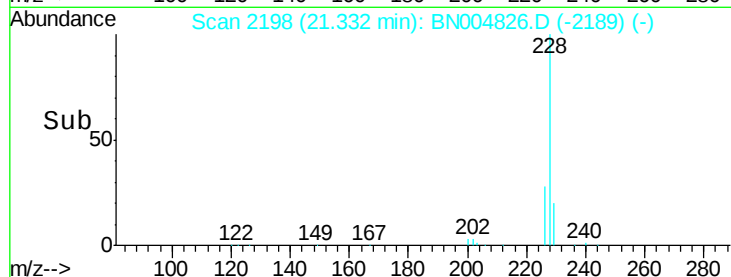
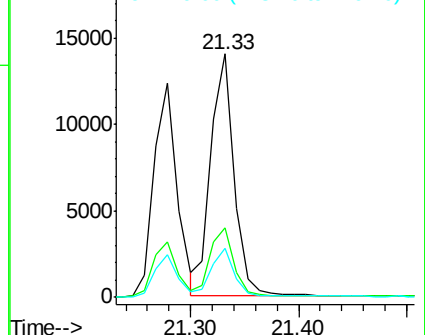
229 20.1 16.2 24.2



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: 0.377 ng

RT: 21.18 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

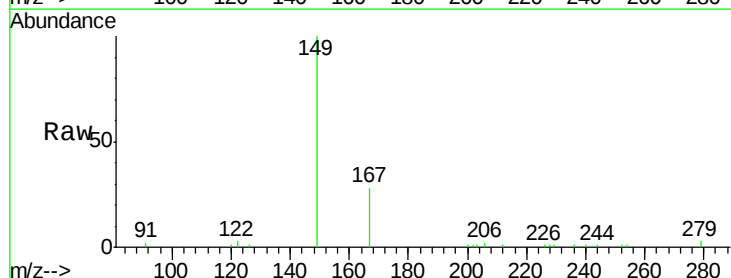
Tgt Ion:149 Resp: 7332

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

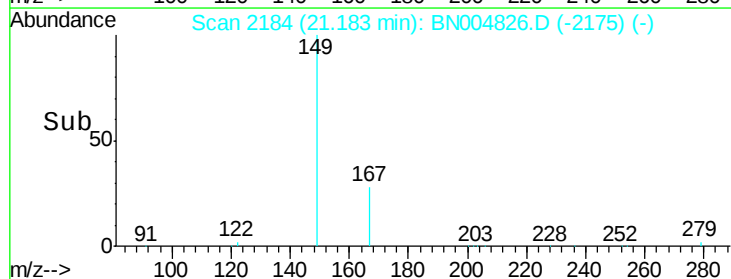
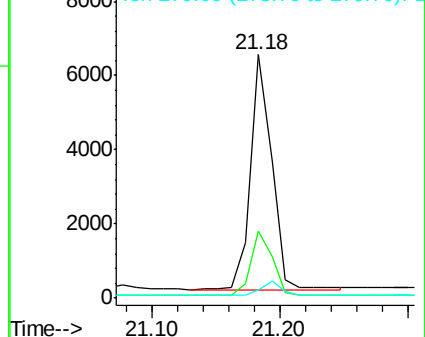
279 5.6 4.6 6.8

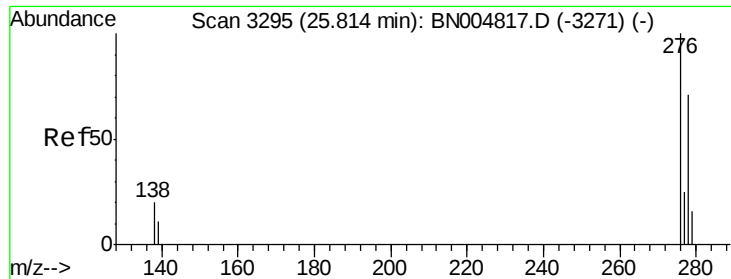


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

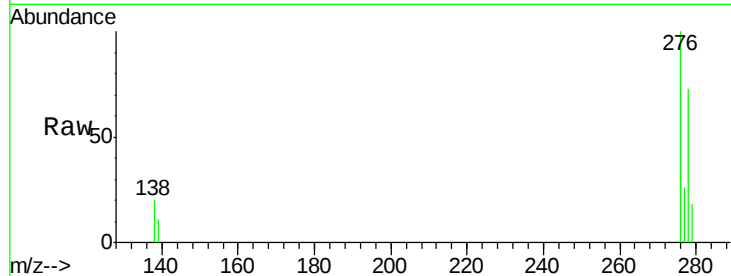




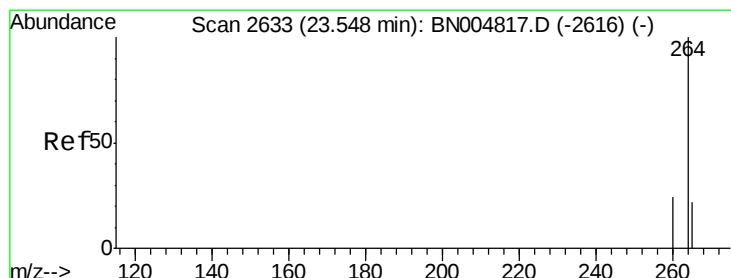
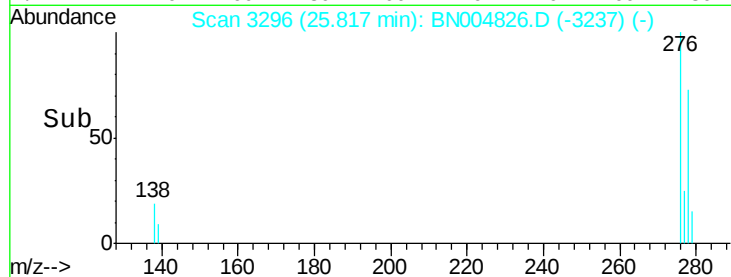
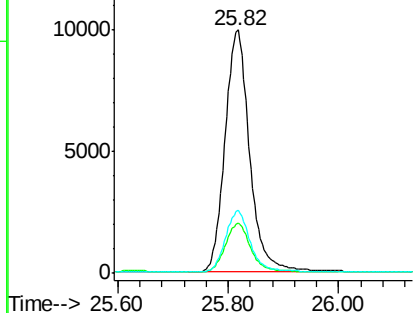
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng
RT: 25.82 min Scan# 3296
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Instrument :
BNA_N
ClientSampleId :
PB117833BS

Tot Ion:276 Resp: 31003
Ion Ratio Lower Upper
276 100
138 20.6 16.6 24.8
277 25.4 20.3 30.5

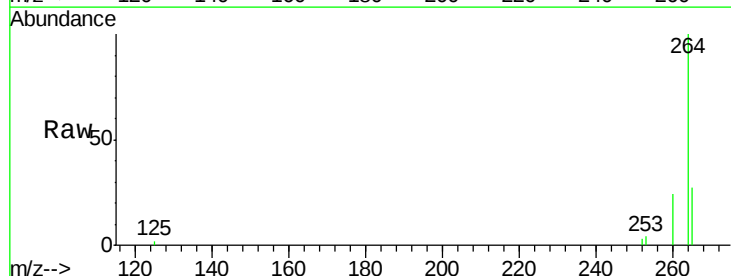


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

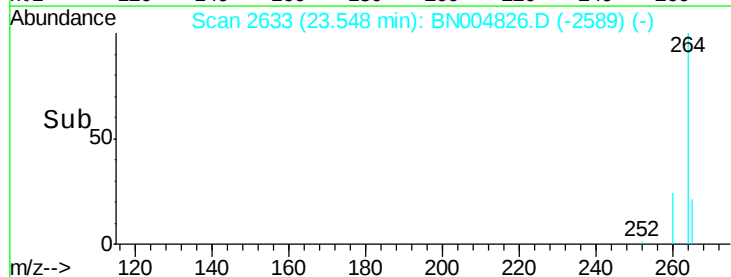
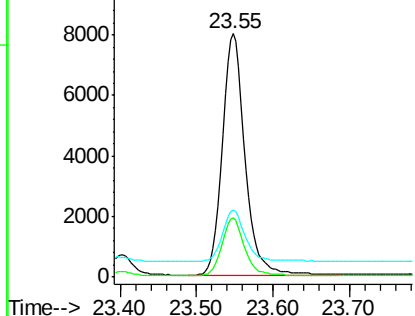


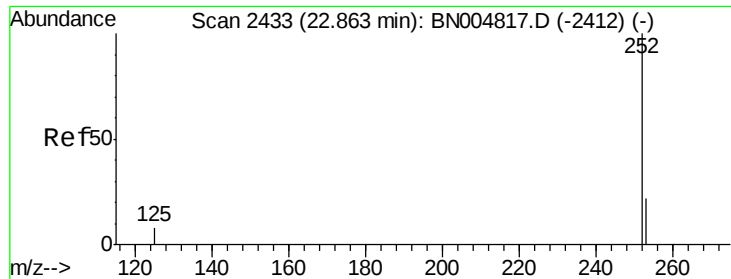
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.55 min Scan# 2633
Delta R.T. -0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Tgt Ion:264 Resp: 16691
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 27.5 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: 0.403 ng

RT: 22.86 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

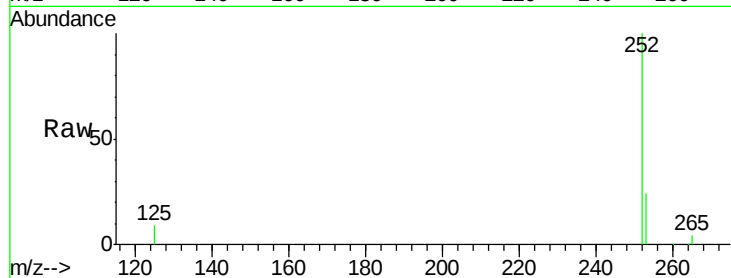
Tot Ion:252 Resp: 24314

Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.4

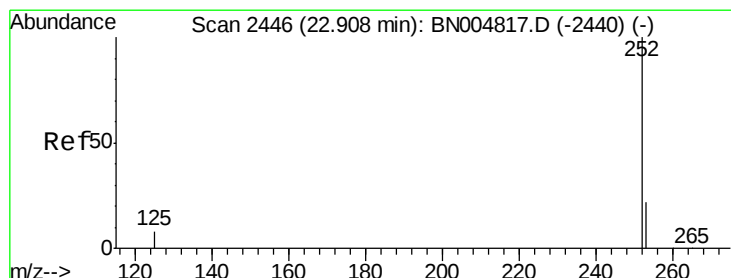
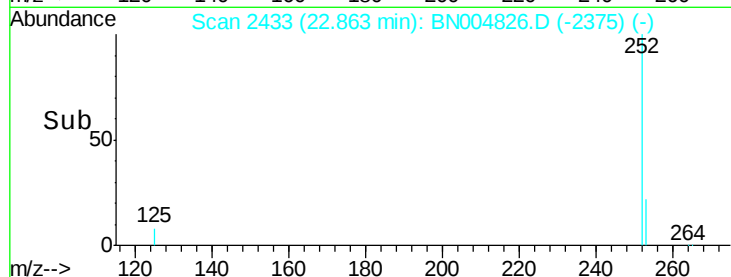
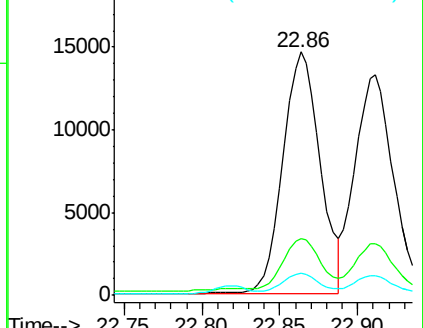
125 8.9 7.4 11.2



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: 0.391 ng

RT: 22.91 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

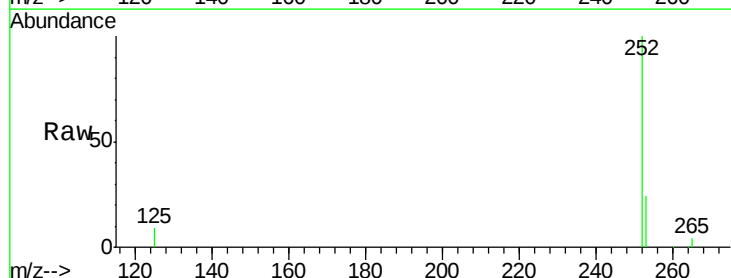
Tgt Ion:252 Resp: 23207

Ion Ratio Lower Upper

252 100

253 23.7 19.3 28.9

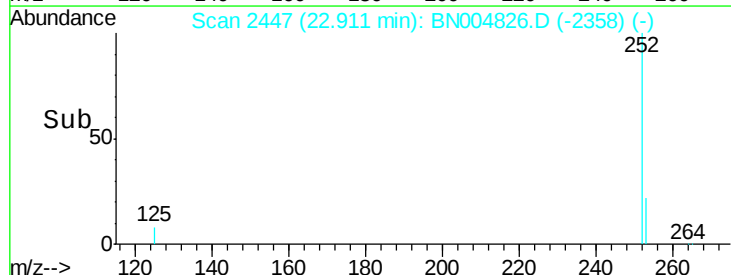
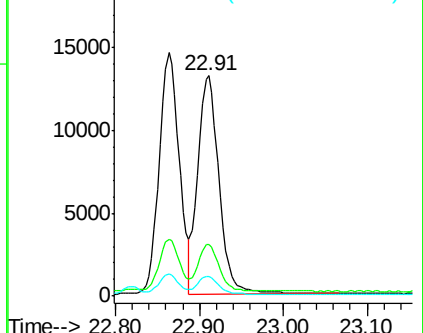
125 8.9 7.4 11.0

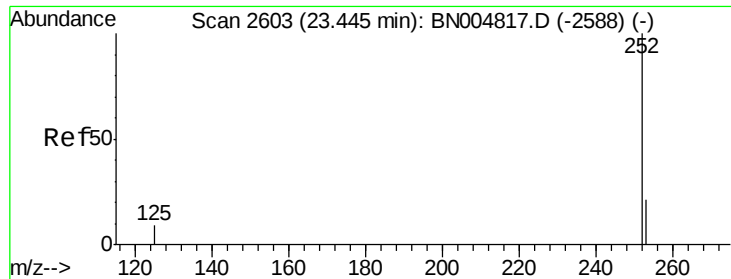


Abundance Ion 252.00 (251.70 to 252.70): E

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: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

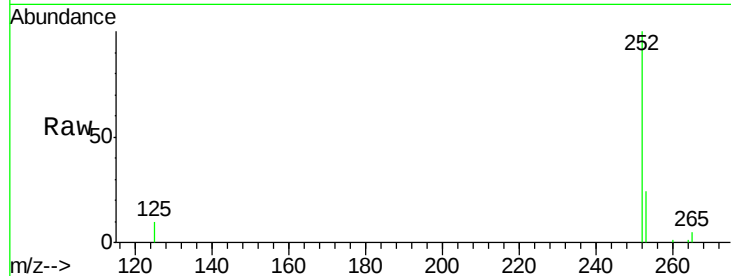
Tot Ion:252 Resp: 21819

Ion Ratio Lower Upper

252 100

253 24.4 19.7 29.5

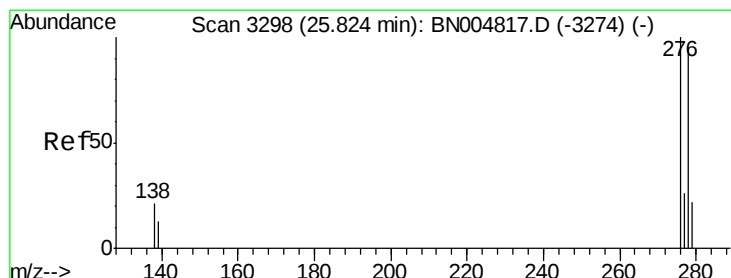
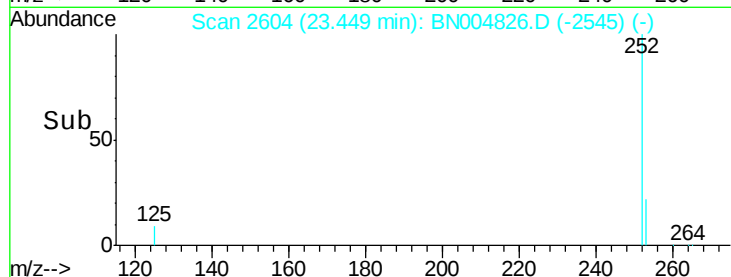
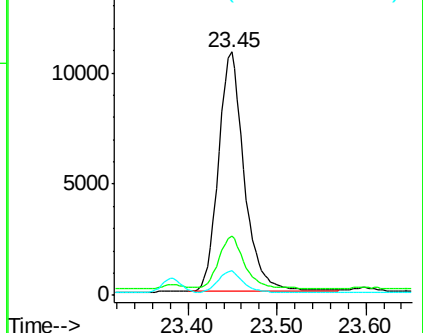
125 9.9 8.3 12.5



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: 0.399 ng

RT: 25.82 min Scan# 3298

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

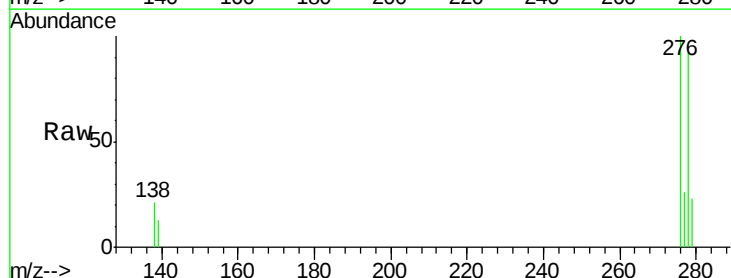
Tgt Ion:278 Resp: 25574

Ion Ratio Lower Upper

278 100

139 14.7 11.7 17.5

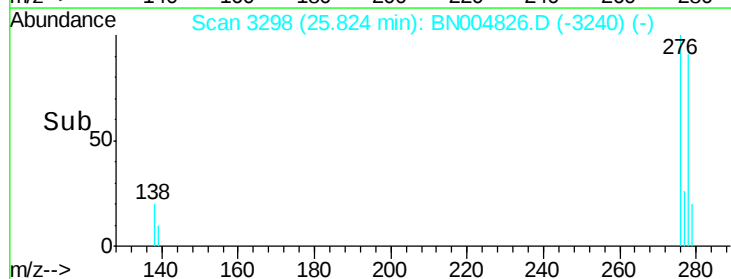
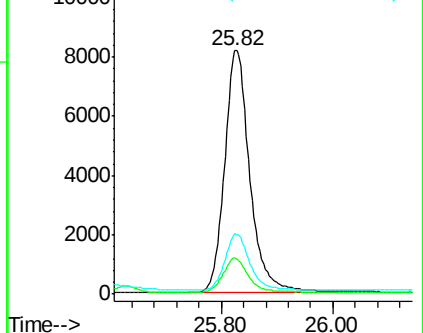
279 24.9 19.9 29.9

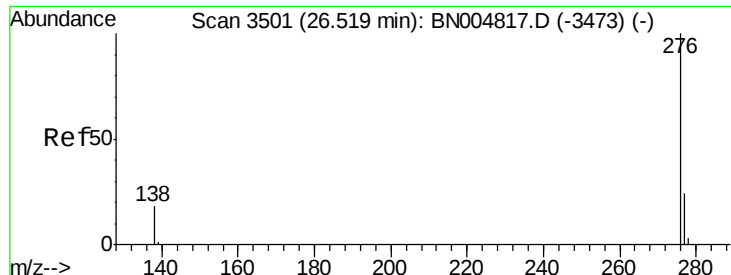


Abundance Ion 278.00 (277.70 to 278.70): E

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# 3501

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

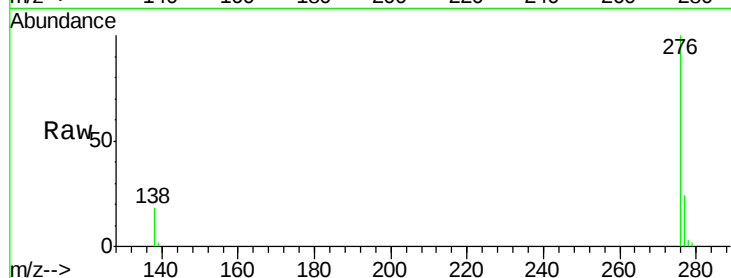
Tot Ion:276 Resp: 25850

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 18.3 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

