

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004827.D
 Acq On : 20 Mar 2019 19:55
 Operator : JU/SJ
 Sample : PB117833BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB117833BSD

Quant Time: Mar 21 08:47:43 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	1403	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6220	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4025	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	10513	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14618	0.40	ng	0.00
34) Perylene-d12	23.55	264	16236	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1439	0.38	ng	0.00
5) Phenol-d6	6.88	99	1777	0.37	ng	0.00
8) Nitrobenzene-d5	8.87	82	1514	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4320	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	942	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6704	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	13619	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	11767	0.39	ng	0.00

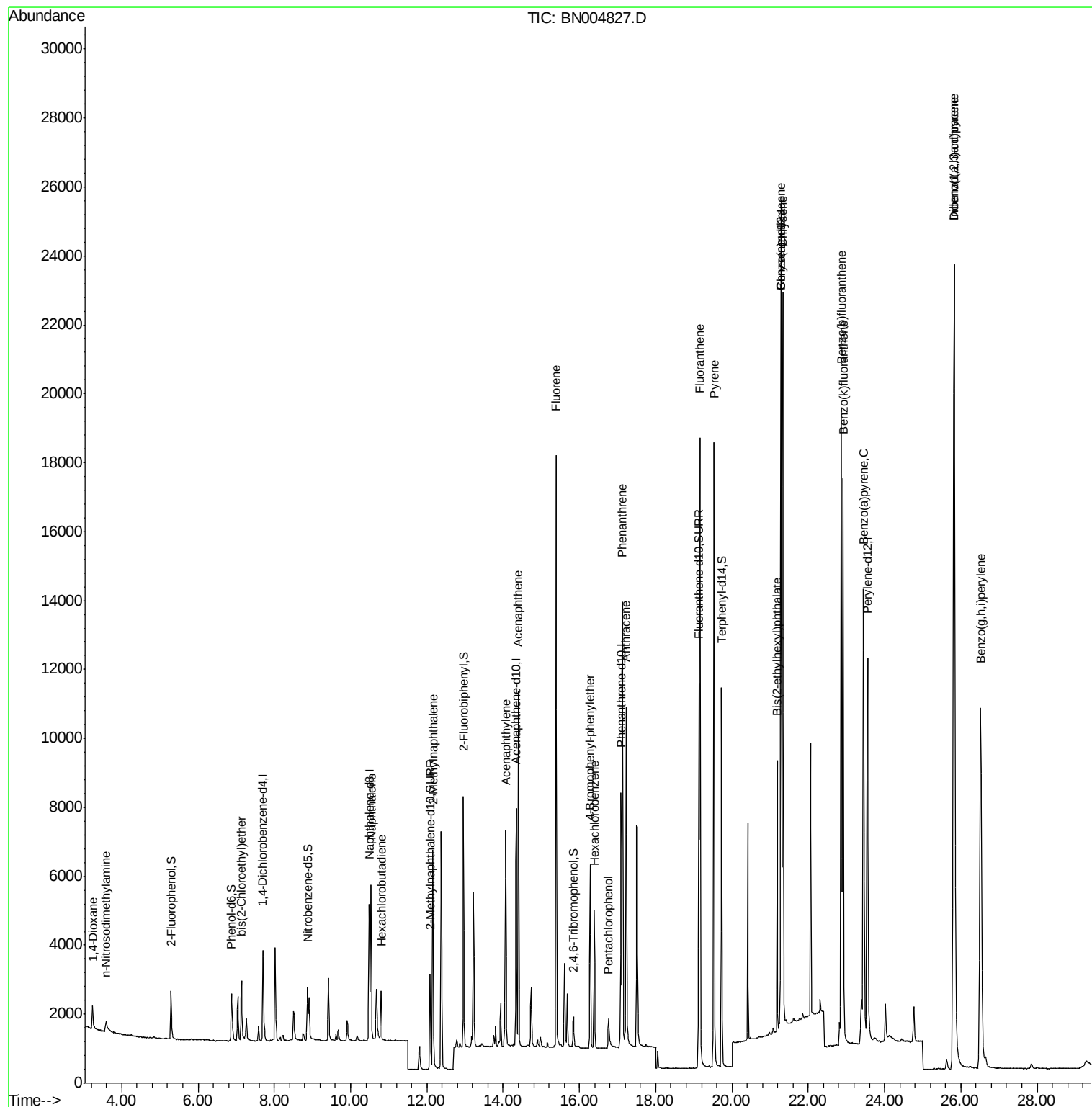
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	607	0.381	ng	98
3) n-Nitrosodimethylamine	3.58	42	332	0.352	ng	# 88
6) bis(2-Chloroethyl)ether	7.14	93	1661	0.388	ng	97
9) Naphthalene	10.54	128	6937	0.398	ng	100
10) Hexachlorobutadiene	10.81	225	1338	0.402	ng	# 99
12) 2-Methylnaphthalene	12.16	142	5132	0.396	ng	98
16) Acenaphthylene	14.06	152	7629	0.368	ng	100
17) Acenaphthene	14.40	154	5429	0.400	ng	100
18) Fluorene	15.39	166	7569	0.399	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	2678	0.390	ng	99
21) Hexachlorobenzene	16.39	284	3155	0.401	ng	99
22) Pentachlorophenol	16.76	266	671	0.437	ng	98
23) Phenanthrene	17.13	178	13437	0.396	ng	99
24) Anthracene	17.23	178	11477	0.379	ng	100
26) Fluoranthene	19.16	202	16983	0.389	ng	100
28) Pyrene	19.53	202	17504	0.393	ng	100
30) Benzo(a)anthracene	21.28	228	17710	0.369	ng	99
31) Chrysene	21.33	228	20624	0.408	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	7060	0.369	ng	100
33) Indeno(1,2,3-cd)pyrene	25.82	276	30143	0.413	ng	100
35) Benzo(b)fluoranthene	22.86	252	23507	0.400	ng	99
36) Benzo(k)fluoranthene	22.91	252	23107	0.400	ng	99
37) Benzo(a)pyrene	23.45	252	21145	0.392	ng	99
38) Dibenzo(a,h)anthracene	25.83	278	24942	0.400	ng	100
39) Benzo(g,h,i)perylene	26.52	276	25364	0.399	ng	100

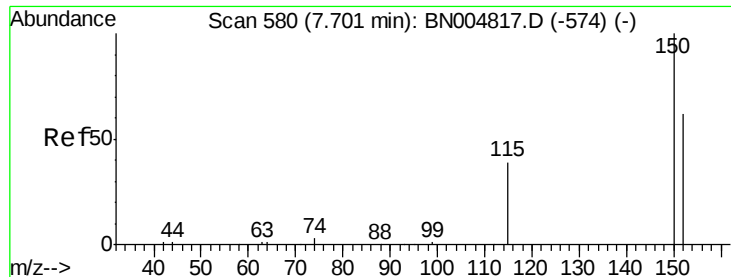
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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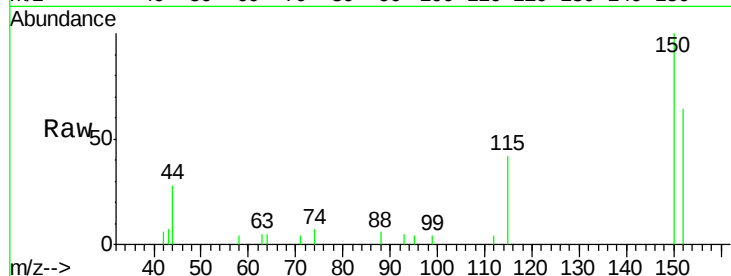


#1

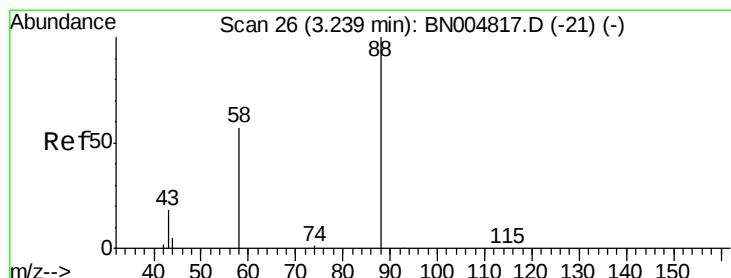
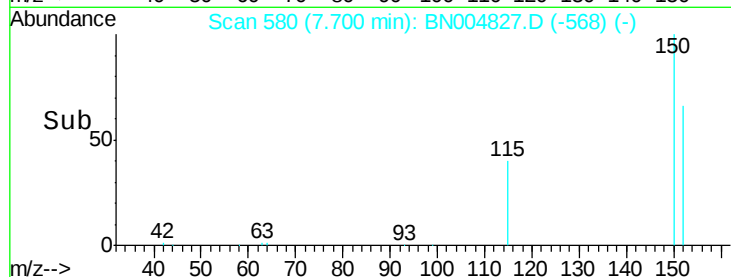
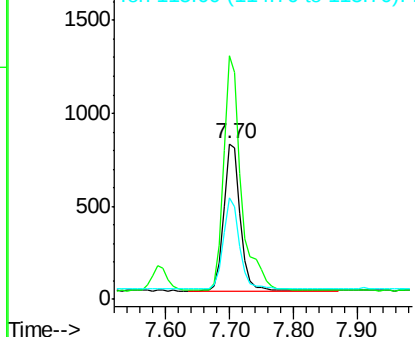
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004827.D
Acq: 20 Mar 2019 19:55

Instrument :
BNA_N
ClientSampleId :
PB117833BSD

Tot Ion:152 Resp: 1403
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.4
115 65.0 52.6 79.0



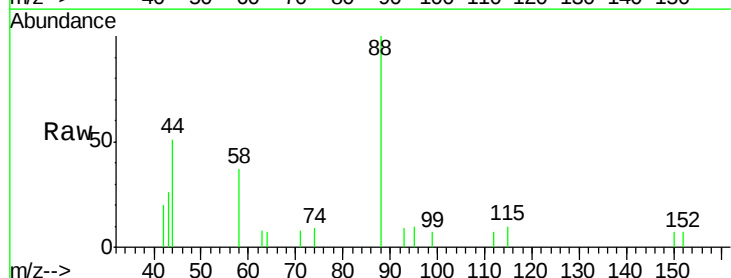
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



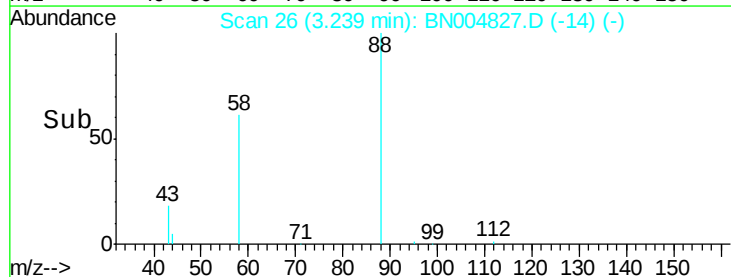
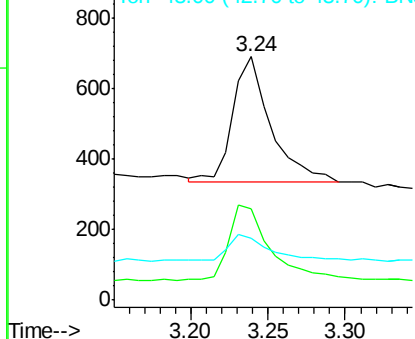
#2

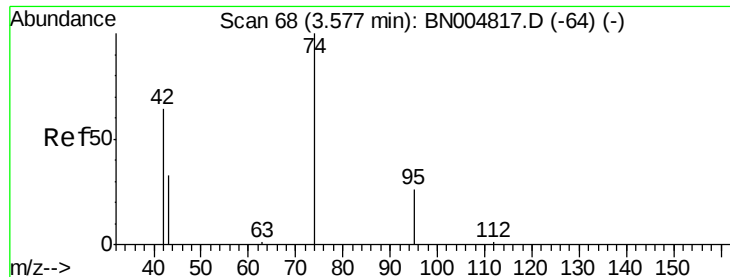
1,4-Dioxane
Concen: 0.381 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN004827.D
Acq: 20 Mar 2019 19:55

Tgt Ion: 88 Resp: 607
Ion Ratio Lower Upper
88 100
58 66.4 51.4 77.2
43 24.9 20.0 30.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



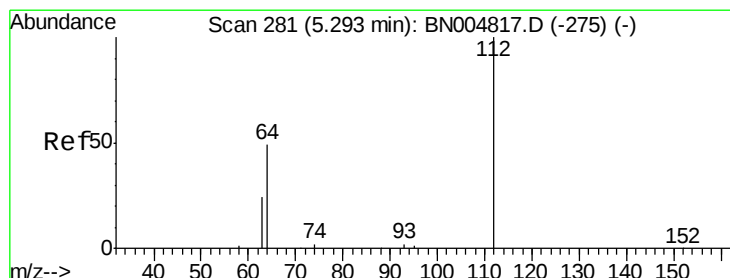
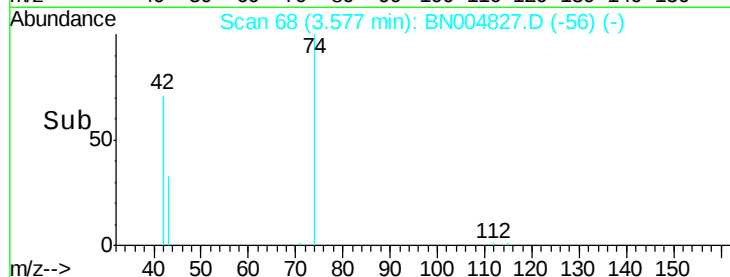
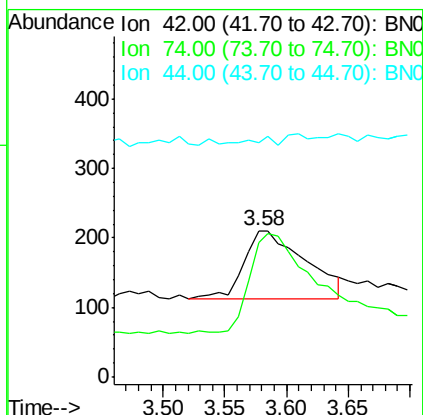
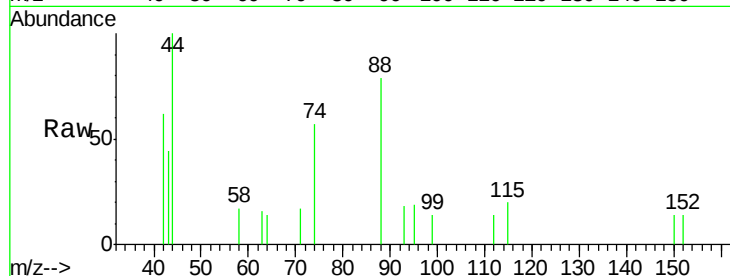


#3

n-Nitrosodimethylamine
 Concen: 0.352 ng
 RT: 3.58 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BN004827.D
 Acq: 20 Mar 2019 19:55

Instrument :
 BNA_N
 ClientSampleId :
 PB117833BSD

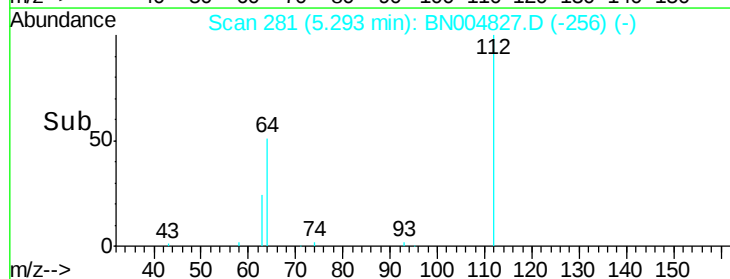
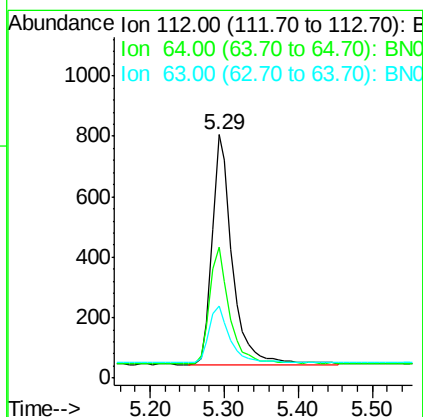
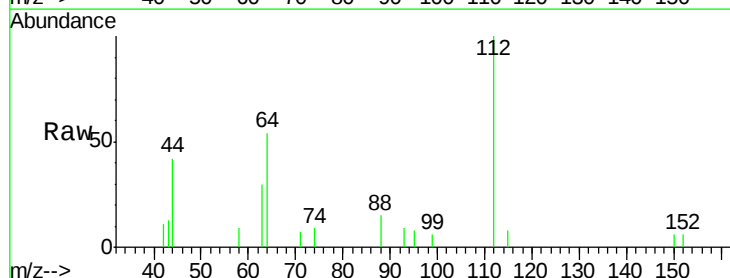
Tot Ion	42	Resp	332
Ion Ratio	Lower	Upper	
42	100		
74	145.2	128.4	192.6
44	0.0	6.1	9.1#

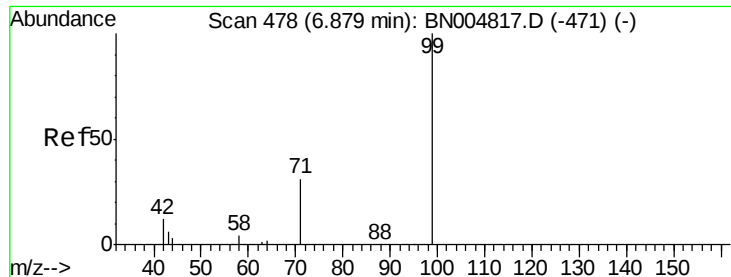


#4

2-Fluorophenol
 Concen: 0.377 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004827.D
 Acq: 20 Mar 2019 19:55

Tgt Ion	112	Resp	1439
Ion Ratio	Lower	Upper	
112	100		
64	50.0	40.0	60.0
63	24.9	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: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

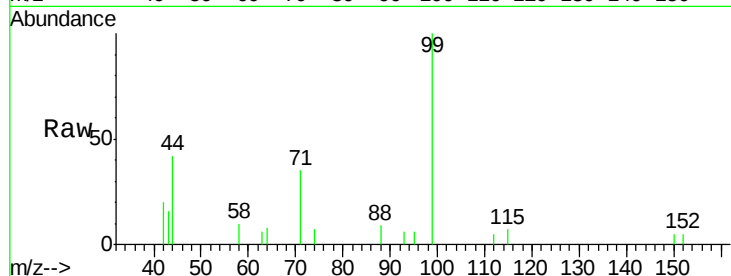
Tot Ion: 99 Resp: 1777

Ion Ratio Lower Upper

99 100

42 14.2 12.7 19.1

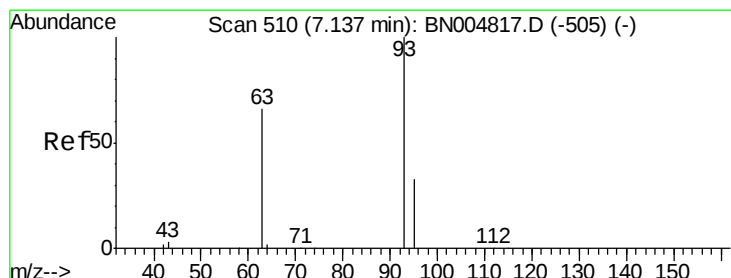
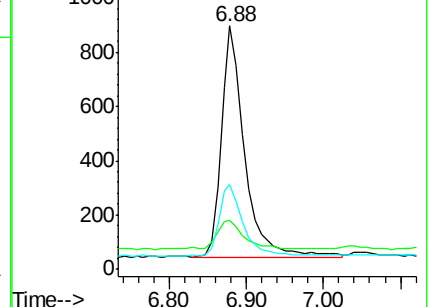
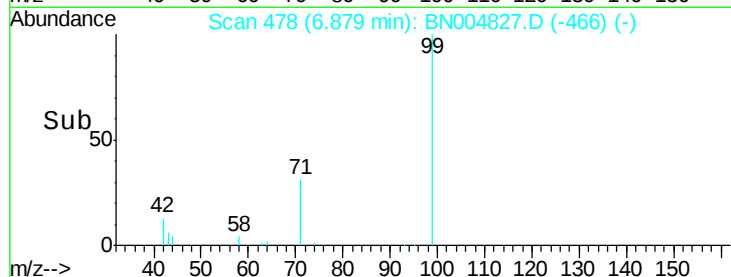
71 31.9 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004827.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004827.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004827.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.388 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

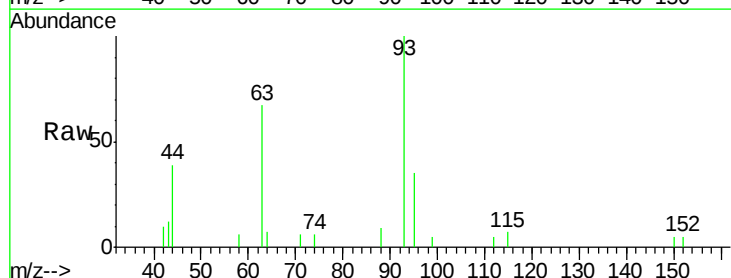
Tgt Ion: 93 Resp: 1661

Ion Ratio Lower Upper

93 100

63 62.6 52.6 78.8

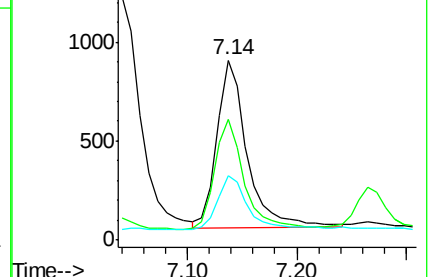
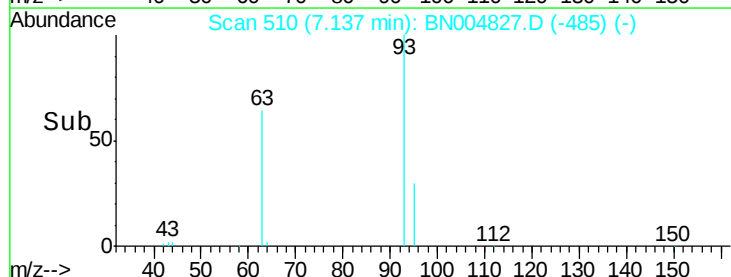
95 33.2 25.9 38.9

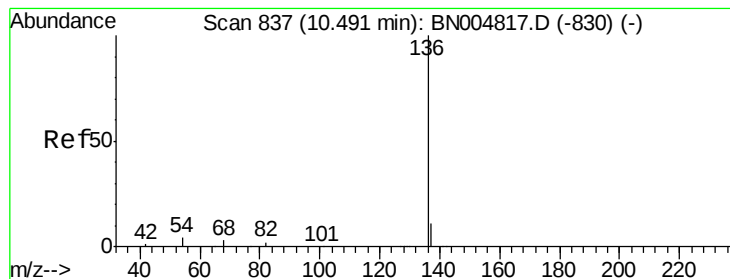


Abundance Ion 93.00 (92.70 to 93.70): BN004827.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004827.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004827.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

Tot Ion:136 Resp: 6220

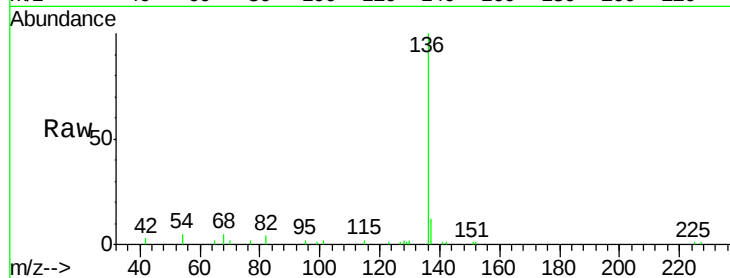
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 5.2 4.2 6.2

68 4.7 3.9 5.9

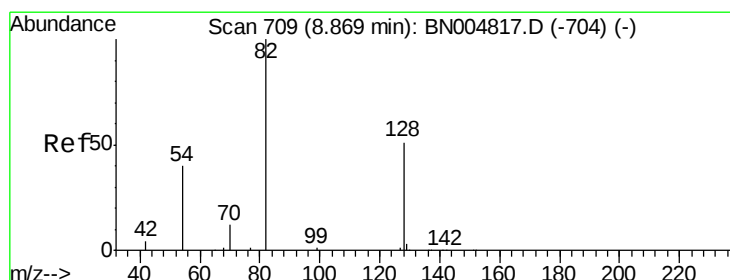
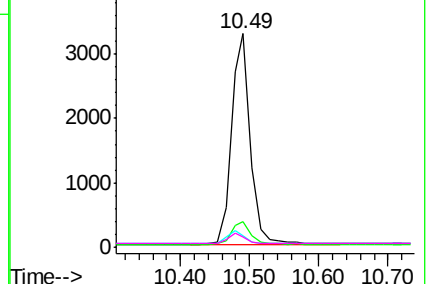
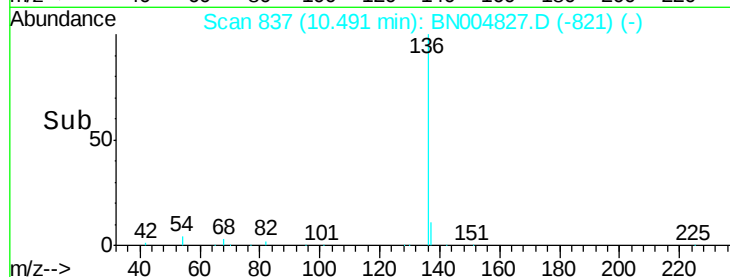


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

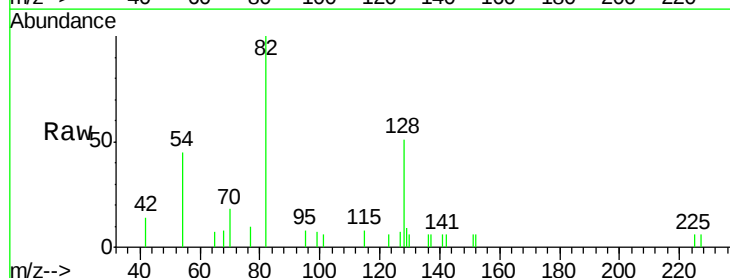
Tgt Ion: 82 Resp: 1514

Ion Ratio Lower Upper

82 100

128 51.0 43.0 64.6

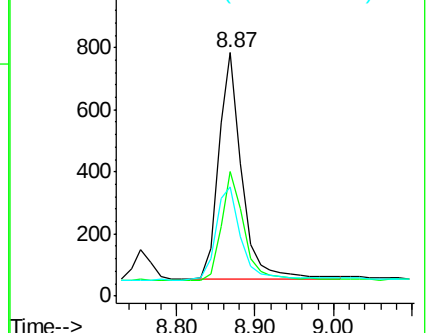
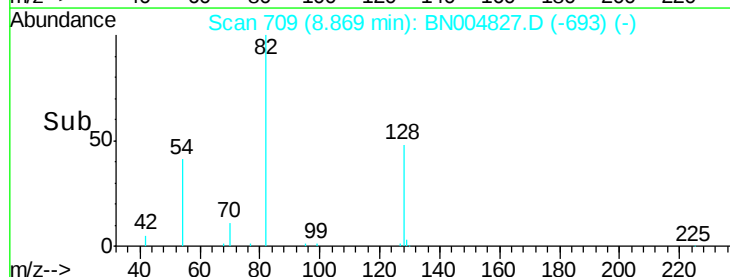
54 45.0 35.3 52.9

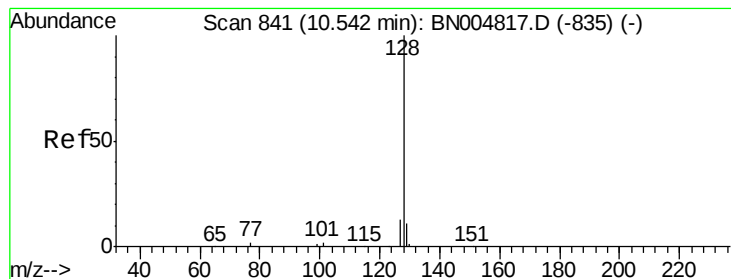


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.398 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

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ClientSampleId :

PB117833BSD

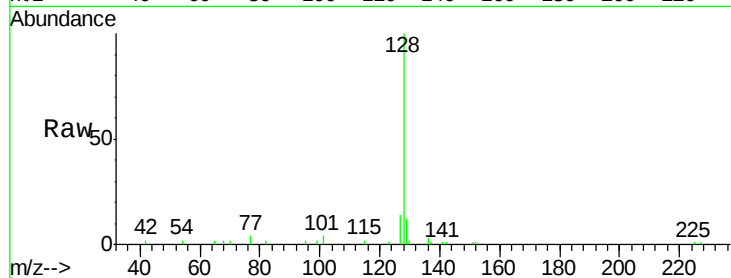
Tot Ion:128 Resp: 6937

Ion Ratio Lower Upper

128 100

129 12.3 9.9 14.9

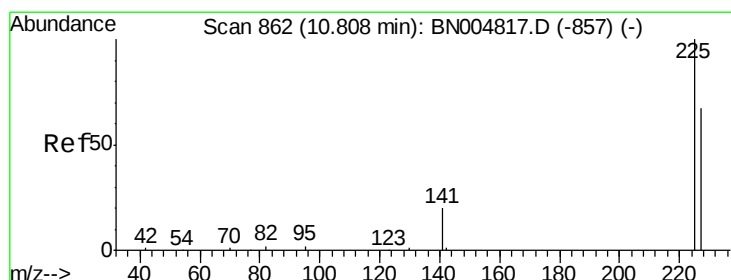
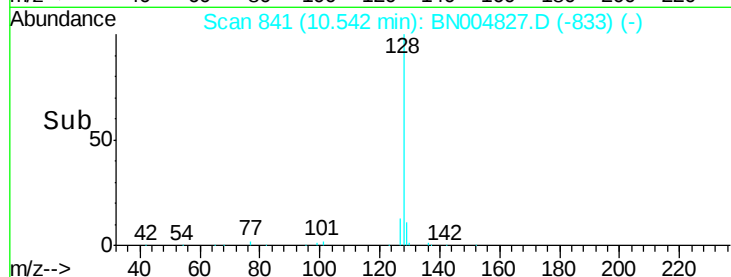
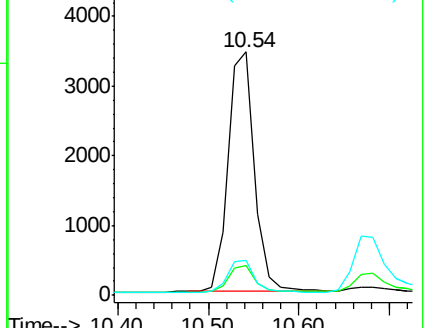
127 14.2 11.3 16.9



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: 0.402 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

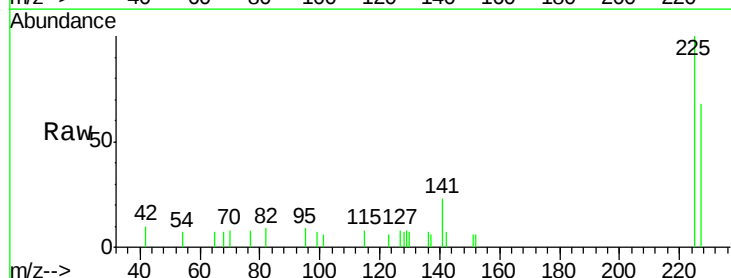
Tgt Ion:225 Resp: 1338

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

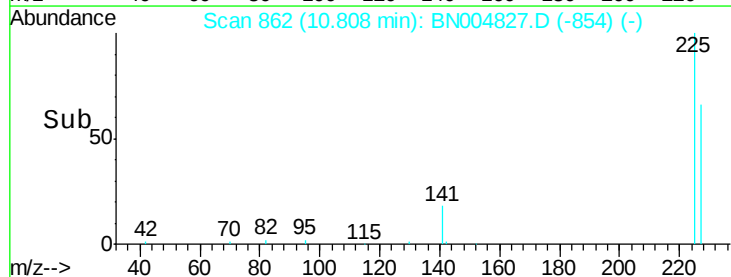
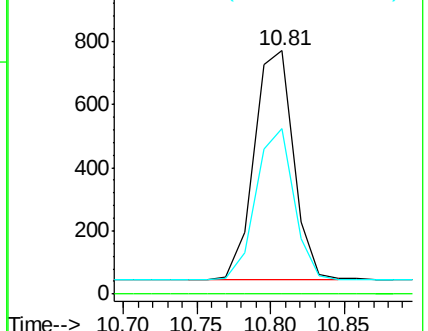
227 64.3 52.2 78.4

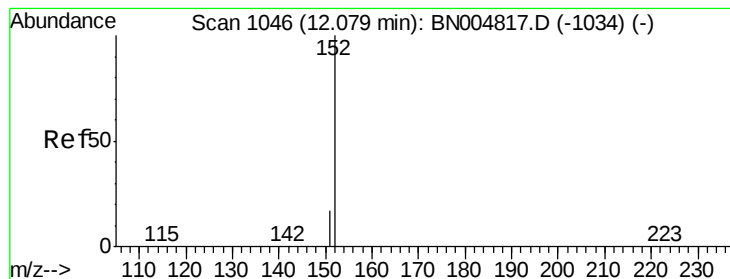


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.08 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

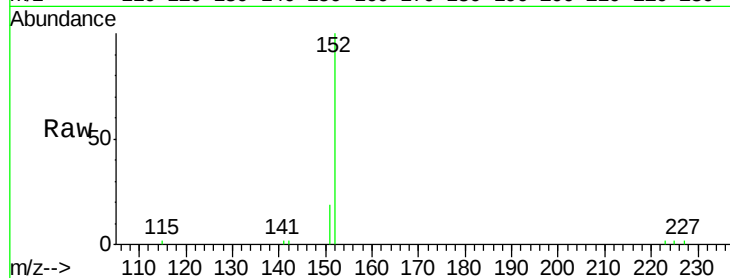
PB117833BSD

Tot Ion:152 Resp: 4320

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

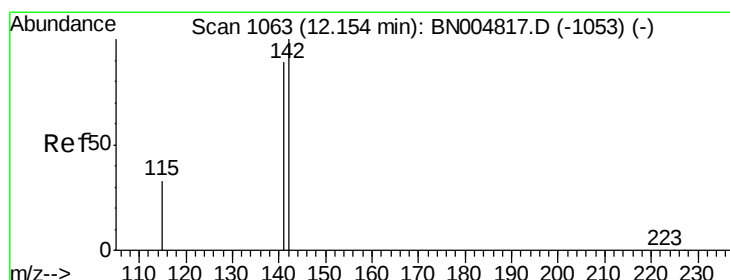
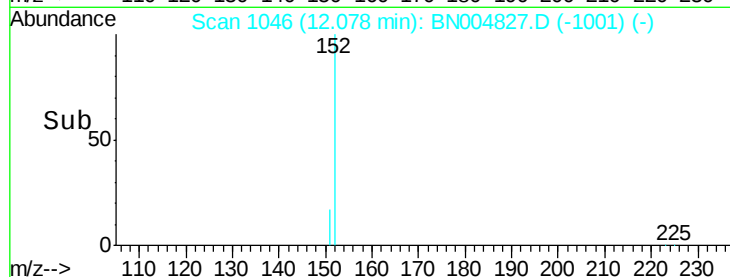
1500

1000

500

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.396 ng

RT: 12.16 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

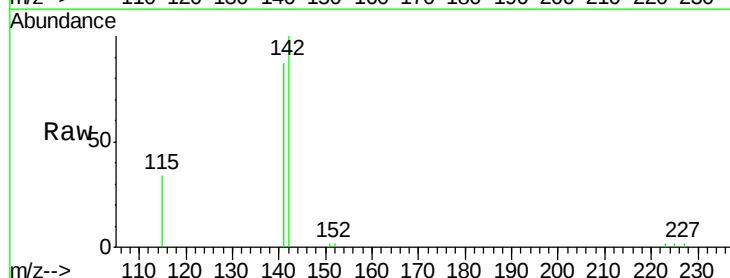
Tgt Ion:142 Resp: 5132

Ion Ratio Lower Upper

142 100

141 87.3 71.4 107.2

115 33.8 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

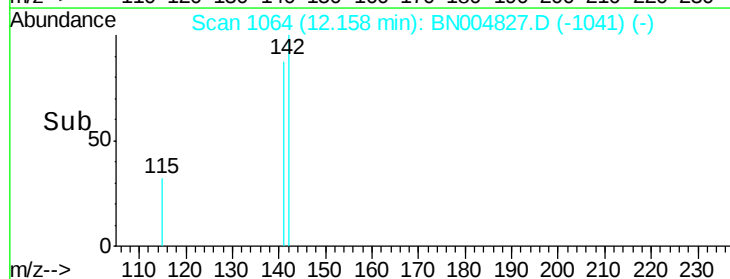
3000

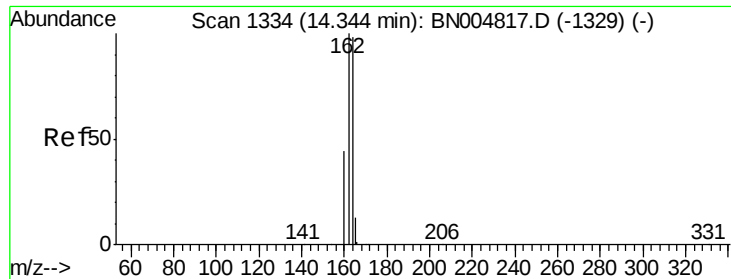
2000

1000

0

Time--> 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

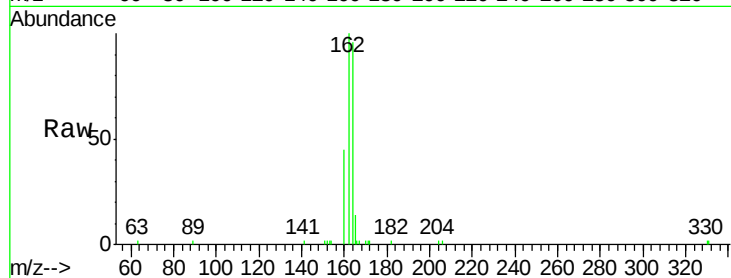
Tot Ion:164 Resp: 4025

Ion Ratio Lower Upper

164 100

162 104.3 81.9 122.9

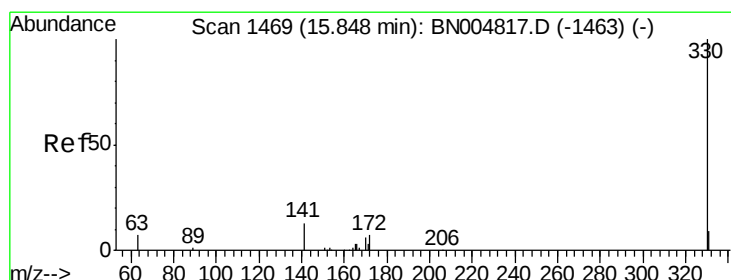
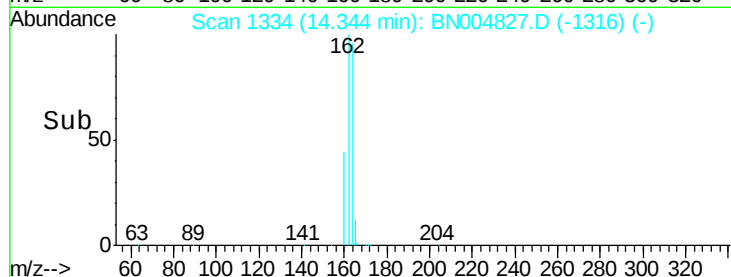
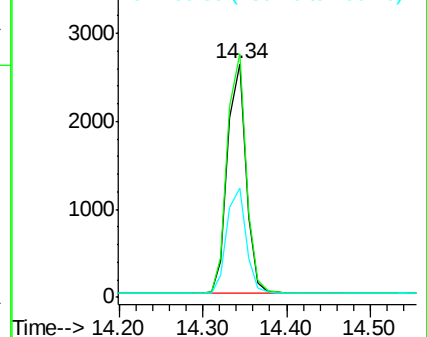
160 46.7 36.6 54.8



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: 0.339 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

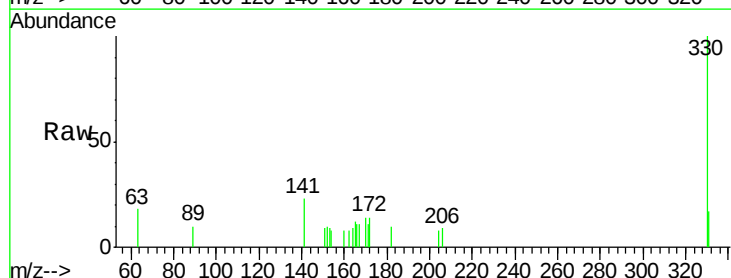
Tgt Ion:330 Resp: 942

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

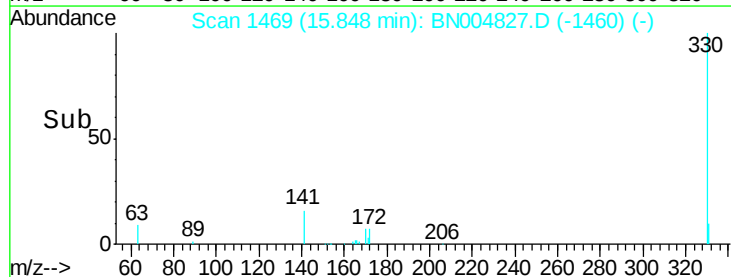
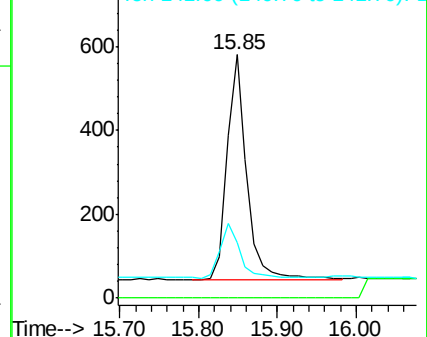
141 23.9 20.9 31.3

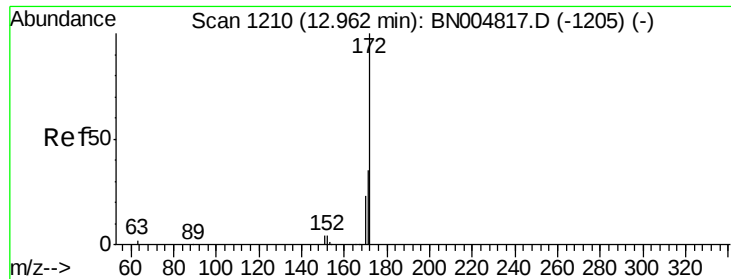


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

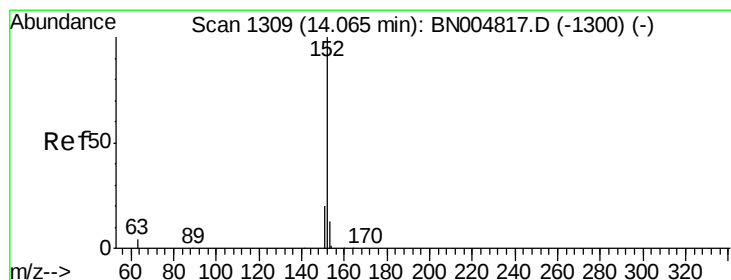
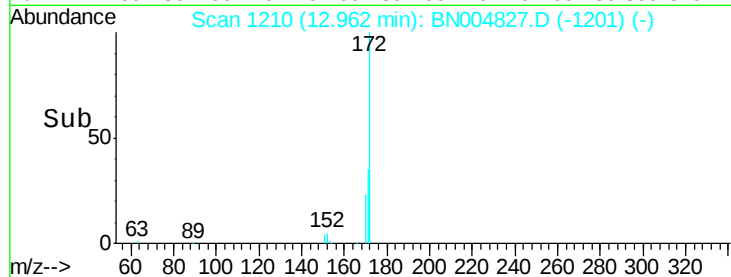
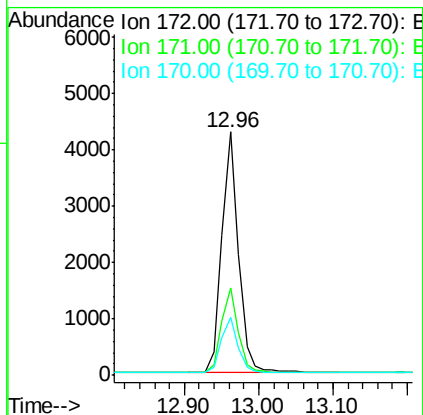
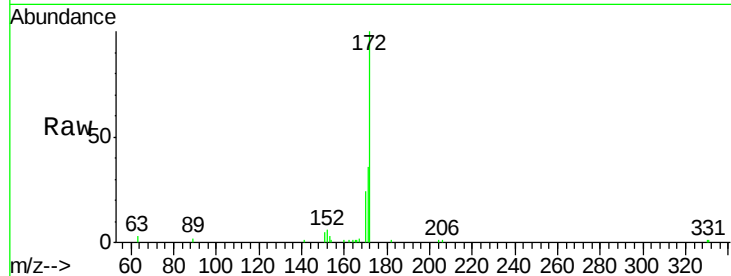




#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004827.D
Acq: 20 Mar 2019 19:55

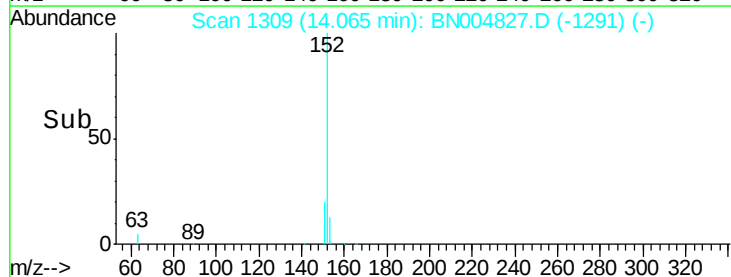
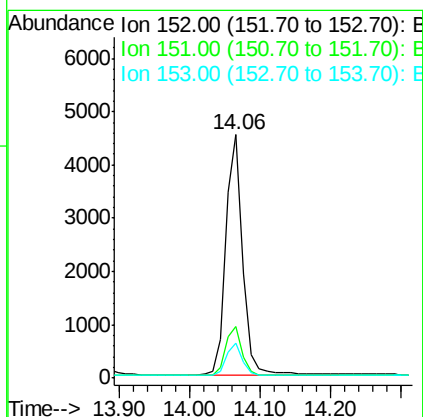
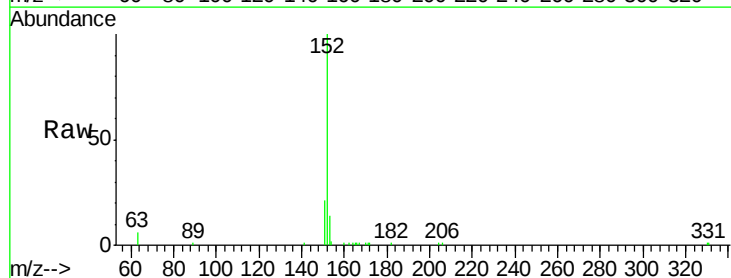
Instrument :
BNA_N
ClientSampleId :
PB117833BSD

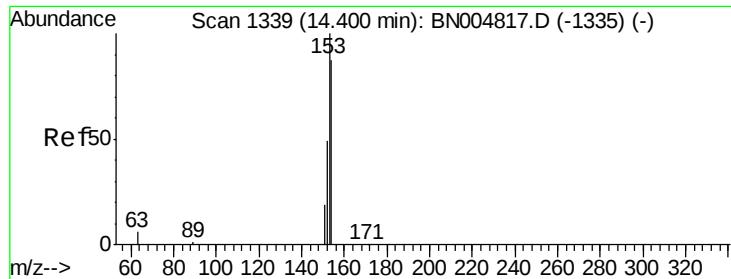
Tot Ion:172 Resp: 6704
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.7 18.7 28.1



#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.06 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004827.D
Acq: 20 Mar 2019 19:55

Tgt Ion:152 Resp: 7629
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.400 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

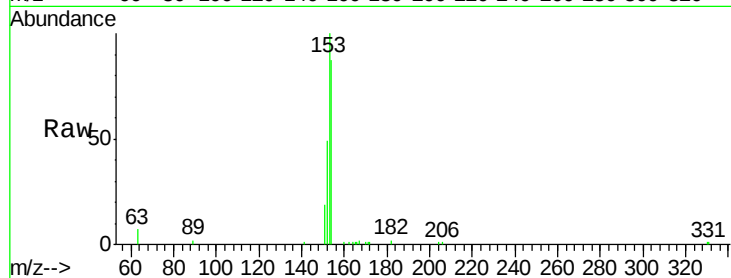
Tot Ion:154 Resp: 5429

Ion Ratio Lower Upper

154 100

153 114.6 91.4 137.2

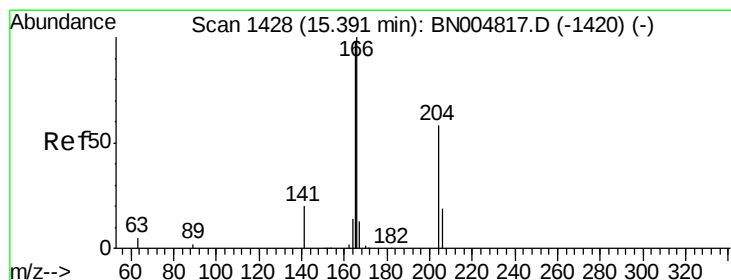
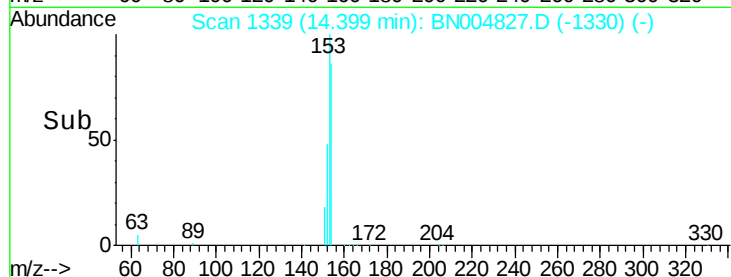
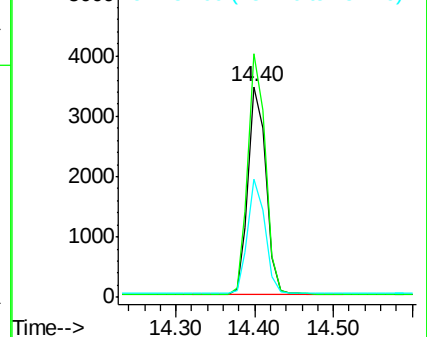
152 54.6 44.2 66.2



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: 0.399 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

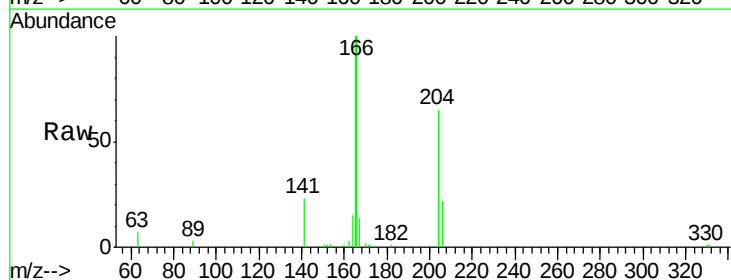
Tgt Ion:166 Resp: 7569

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

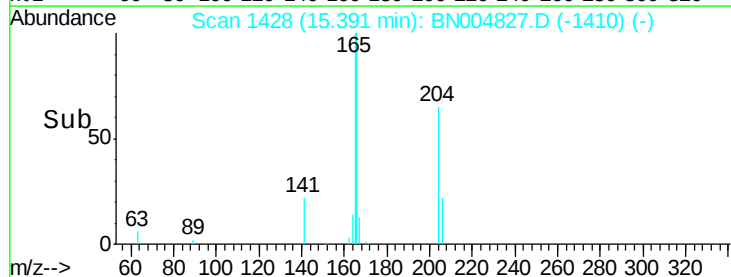
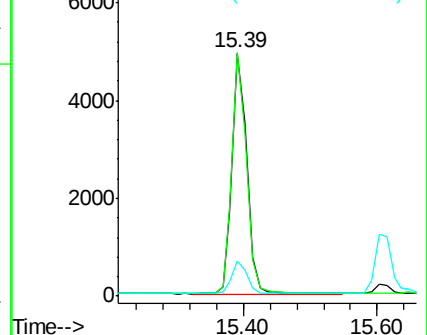
167 13.6 11.0 16.4

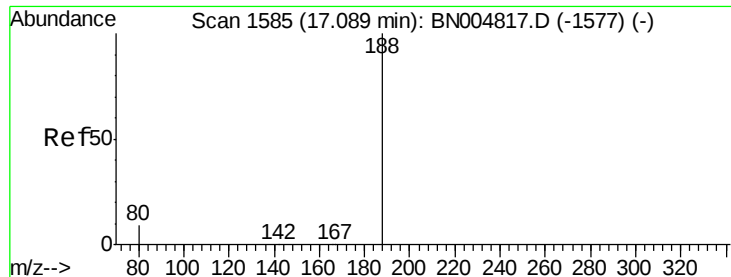


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

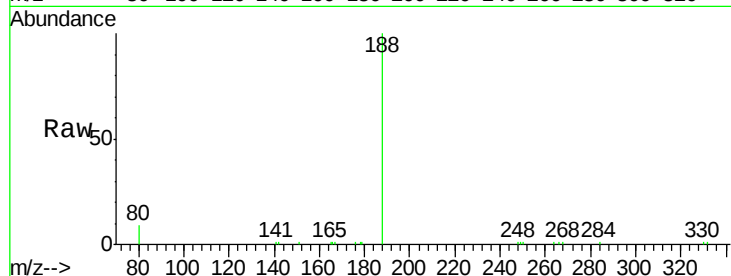
Tot Ion:188 Resp: 10513

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

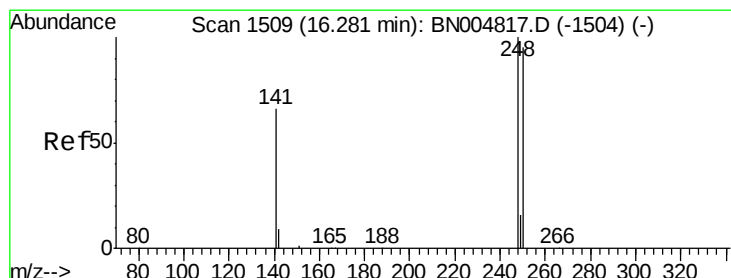
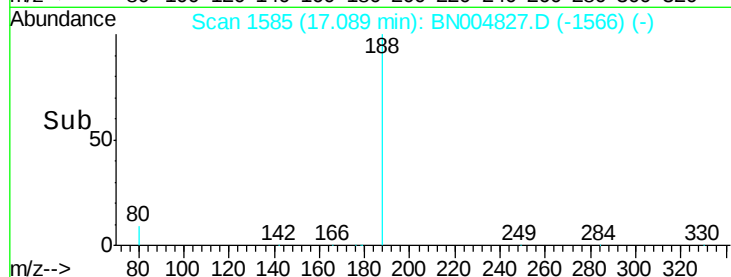
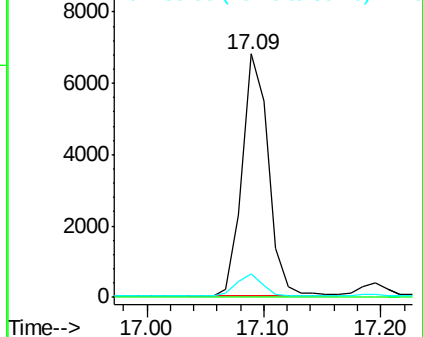
80 9.4 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.390 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

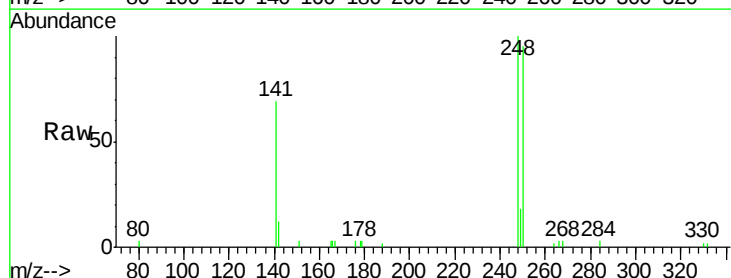
Tgt Ion:248 Resp: 2678

Ion Ratio Lower Upper

248 100

250 95.2 76.2 114.4

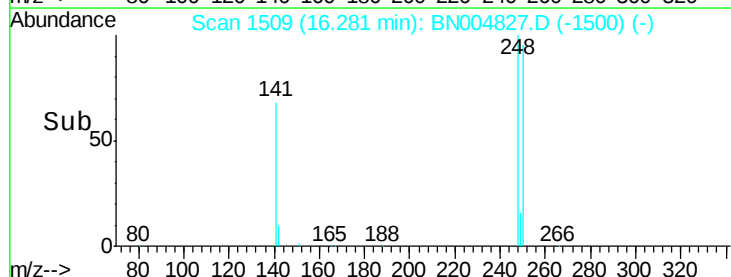
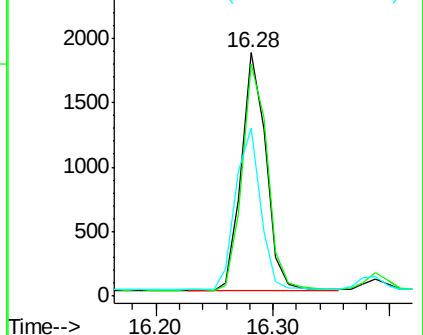
141 69.0 53.9 80.9

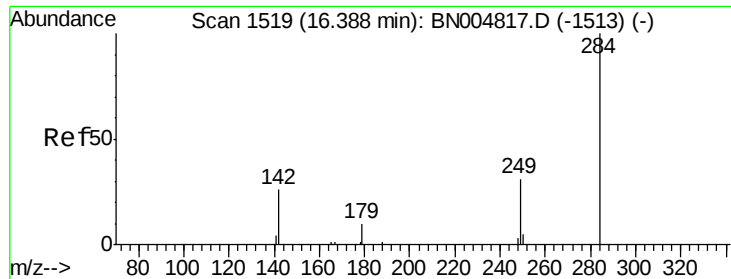


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.401 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

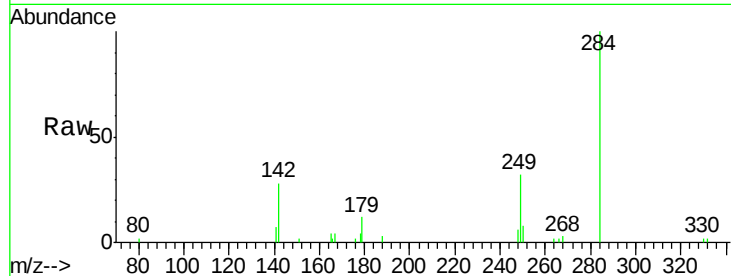
Tot Ion:284 Resp: 3155

Ion Ratio Lower Upper

284 100

142 28.6 22.6 34.0

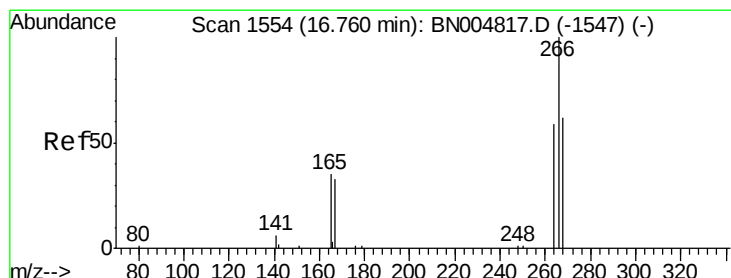
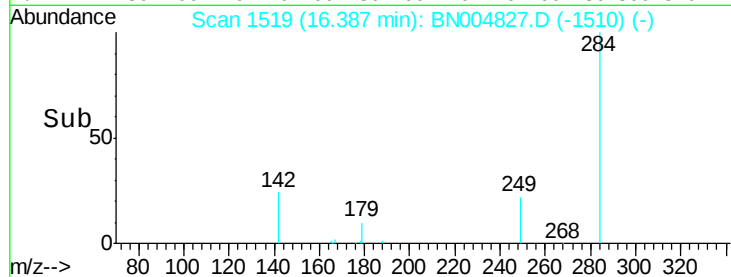
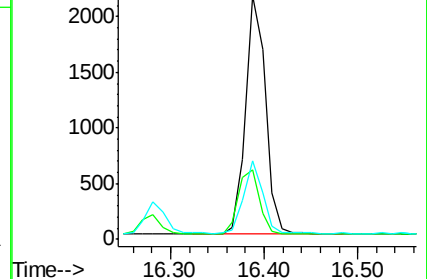
249 28.7 22.5 33.7



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: 0.437 ng

RT: 16.76 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

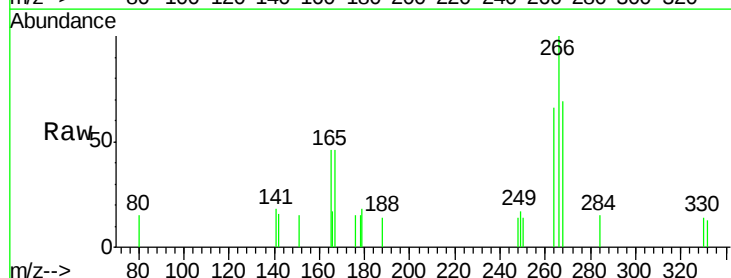
Tgt Ion:266 Resp: 671

Ion Ratio Lower Upper

266 100

264 65.8 53.1 79.7

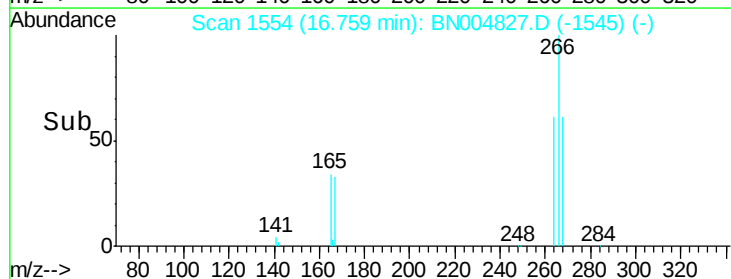
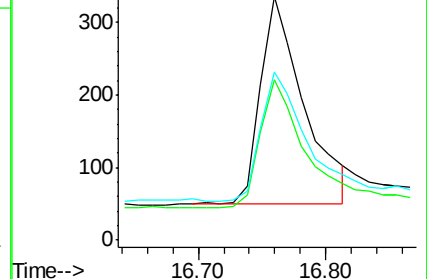
268 68.8 57.7 86.5

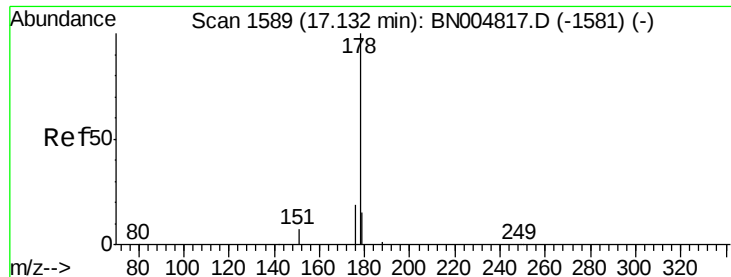


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

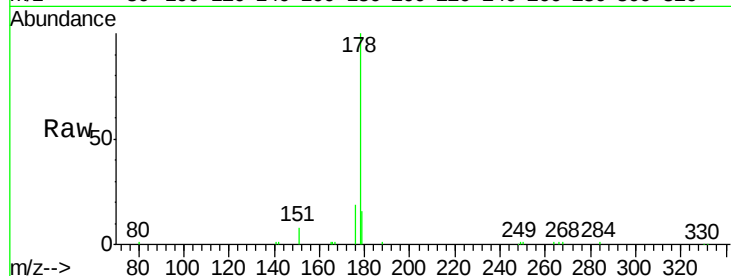
BNA_N

ClientSampleId :

PB117833BSD

Tot Ion:178 Resp: 13437

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.1	18.1

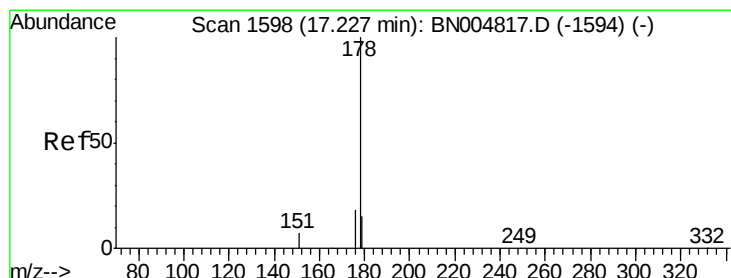
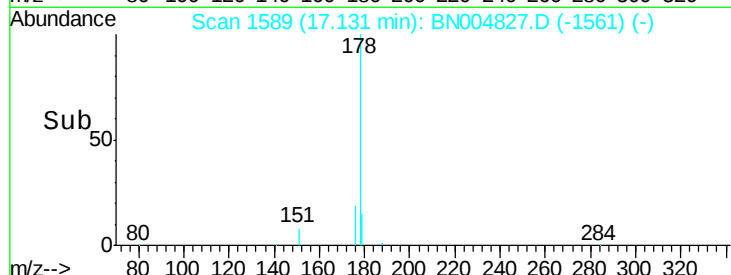
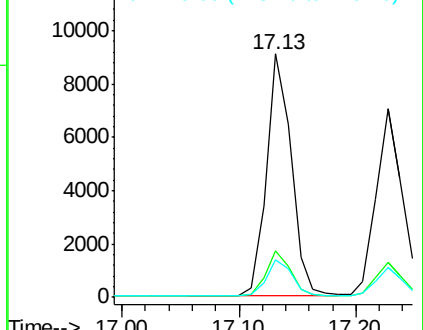


Abundance

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: 0.379 ng

RT: 17.23 min Scan# 1598

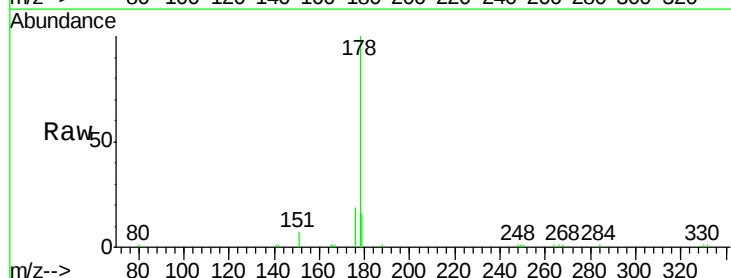
Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Tgt Ion:178 Resp: 11477

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.4	12.2	18.4

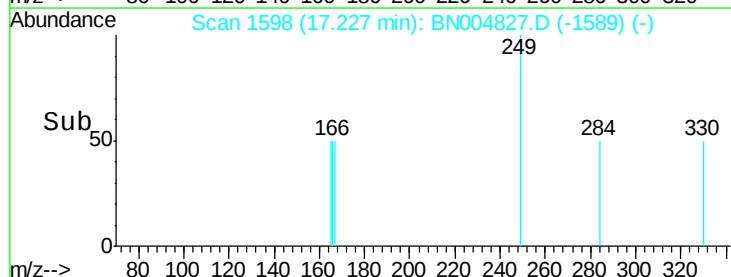
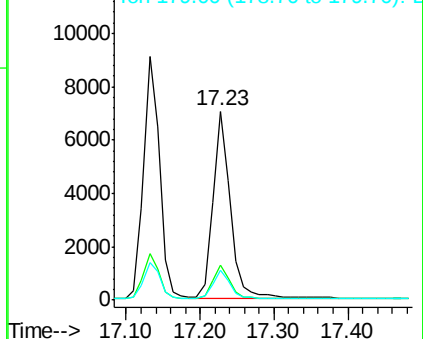


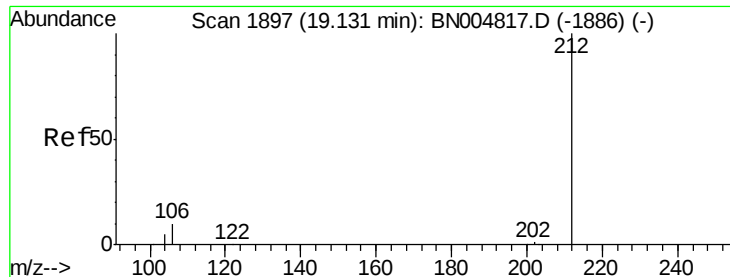
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

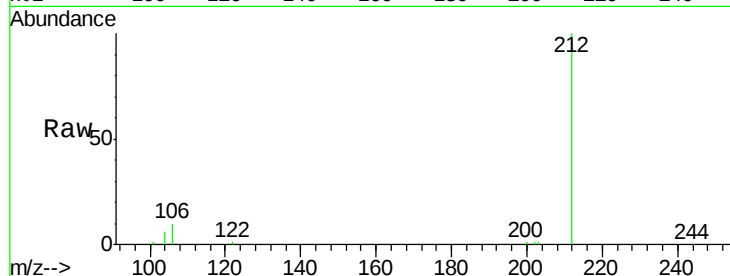
Tot Ion:212 Resp: 13619

Ion Ratio Lower Upper

212 100

106 10.5 8.6 13.0

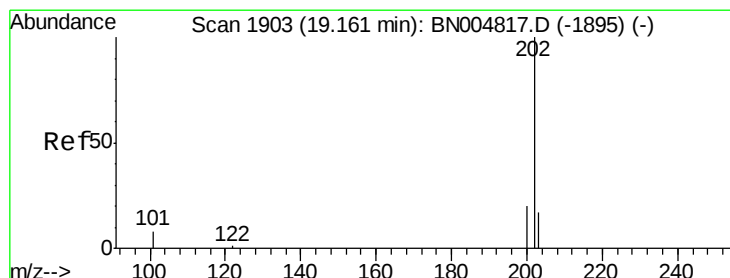
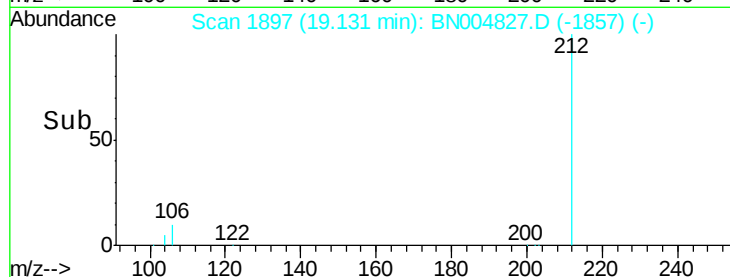
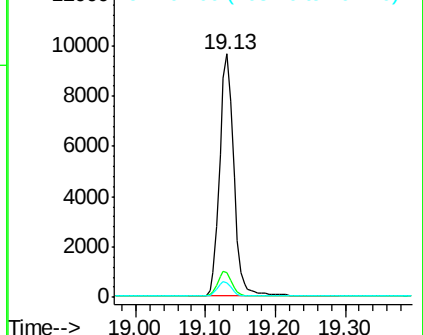
104 5.9 4.7 7.1



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: 0.389 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

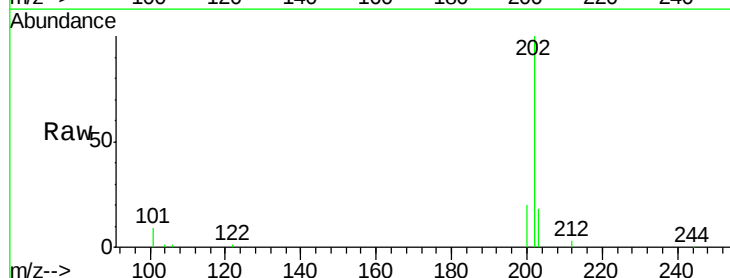
Tgt Ion:202 Resp: 16983

Ion Ratio Lower Upper

202 100

101 9.3 7.5 11.3

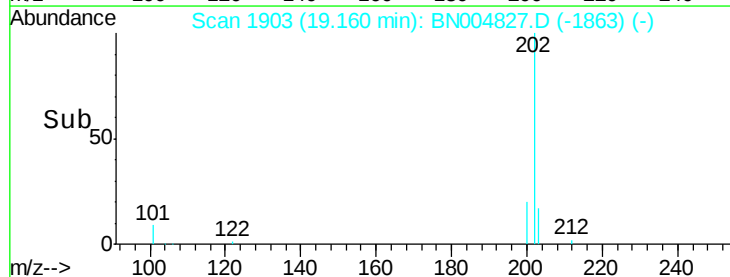
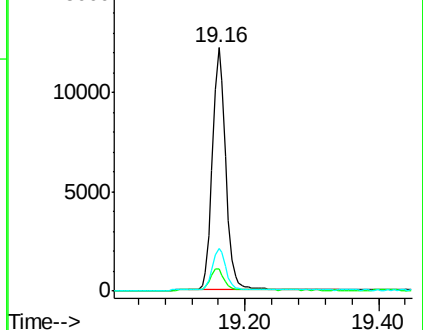
203 17.2 13.8 20.6

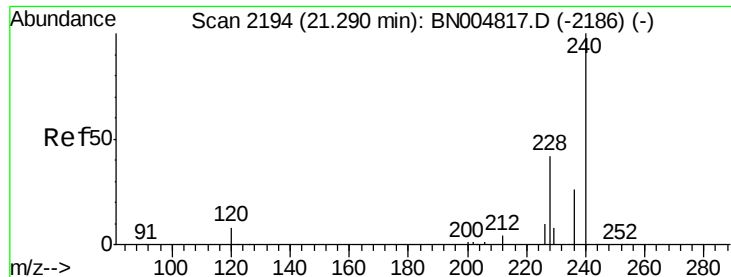


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

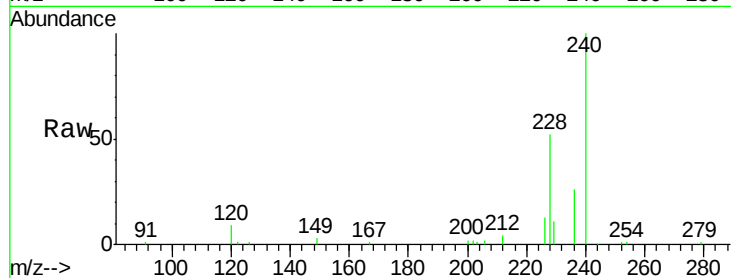
Tot Ion:240 Resp: 14618

Ion Ratio Lower Upper

240 100

120 9.4 7.2 10.8

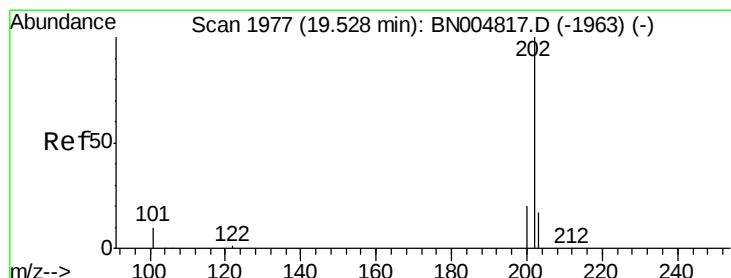
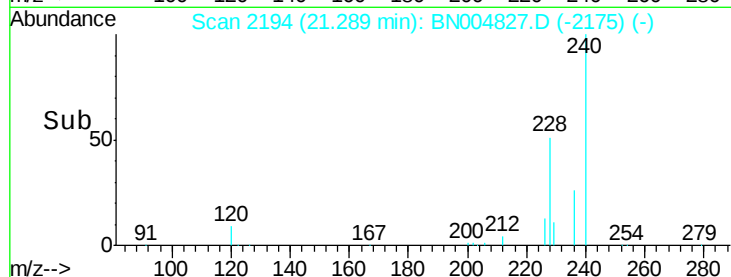
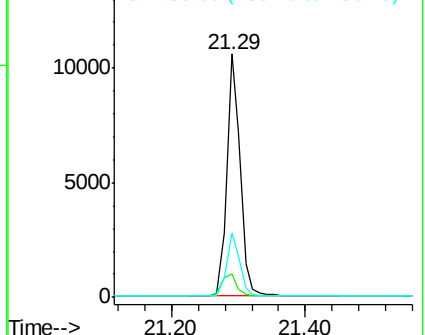
236 26.2 20.9 31.3



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: 0.393 ng

RT: 19.53 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

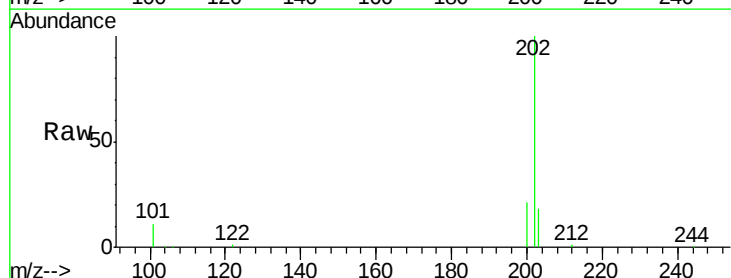
Tgt Ion:202 Resp: 17504

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

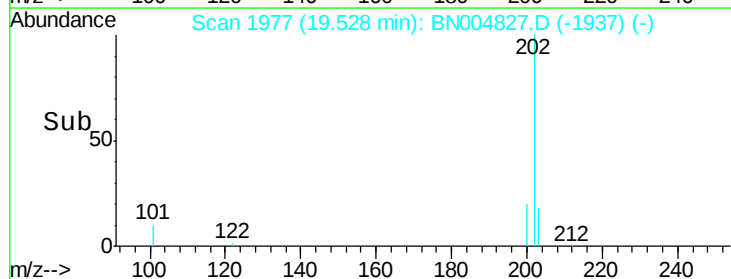
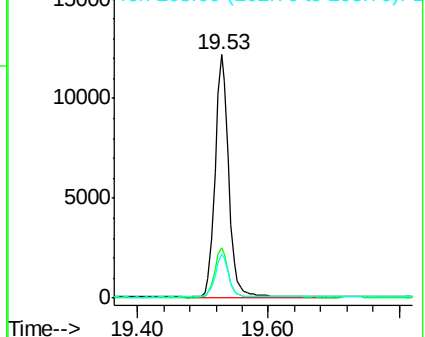
203 17.6 14.0 21.0

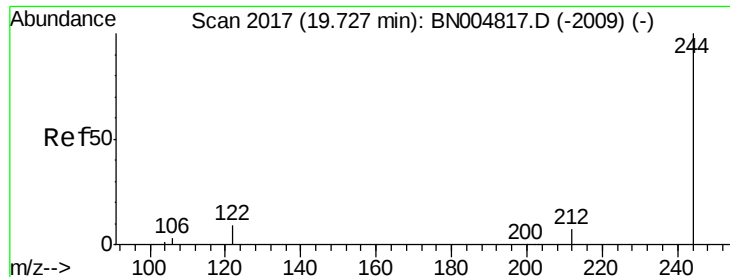


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.393 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

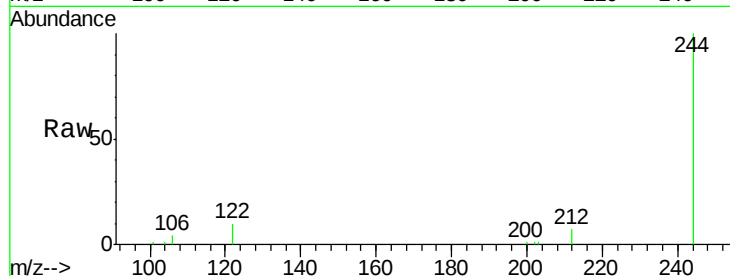
Tot Ion:244 Resp: 11767

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

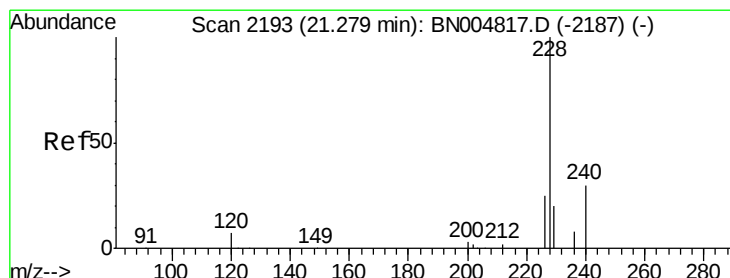
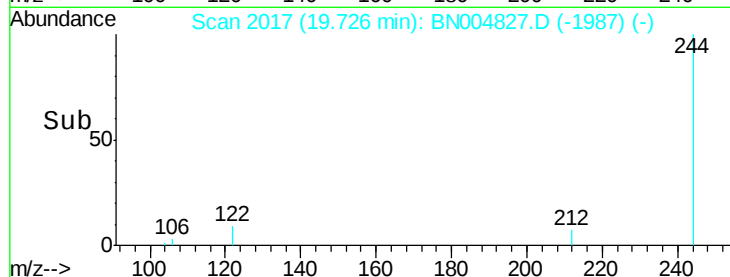
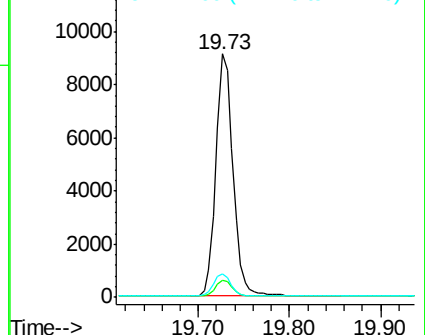
122 9.9 7.9 11.9



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: 0.369 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

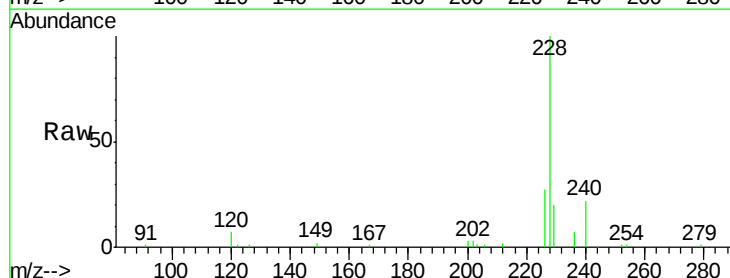
Tgt Ion:228 Resp: 17710

Ion Ratio Lower Upper

228 100

226 26.7 20.6 31.0

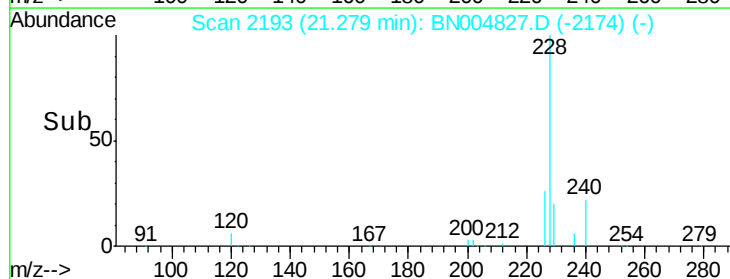
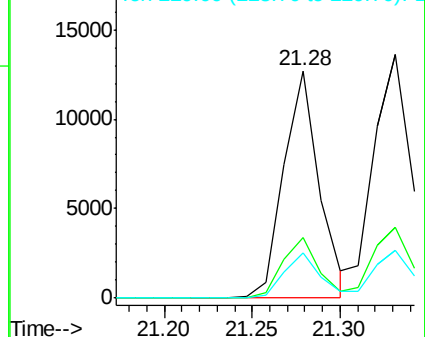
229 20.0 16.2 24.4

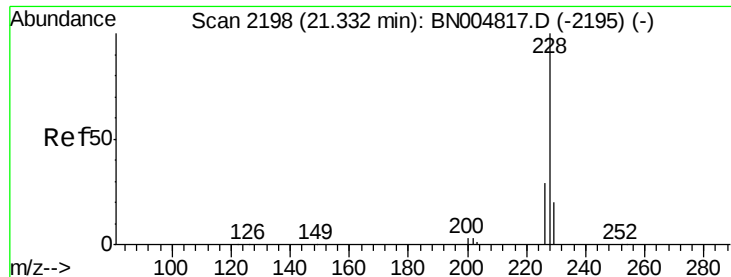


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.408 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

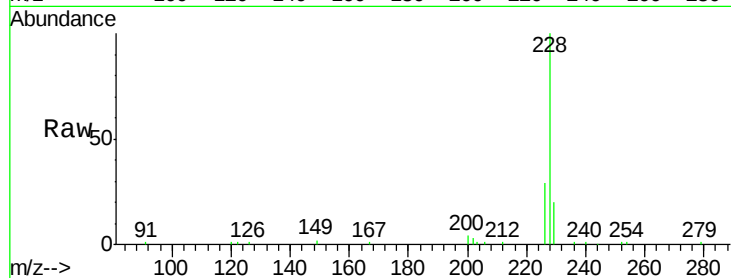
Tot Ion:228 Resp: 20624

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.6

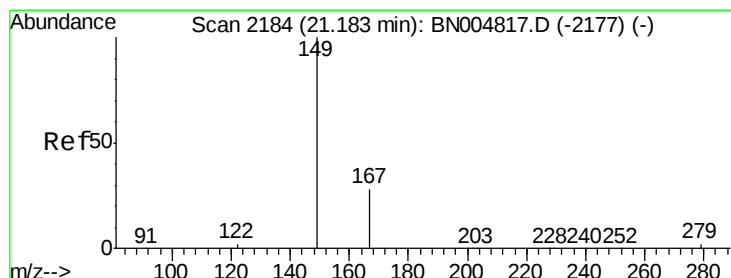
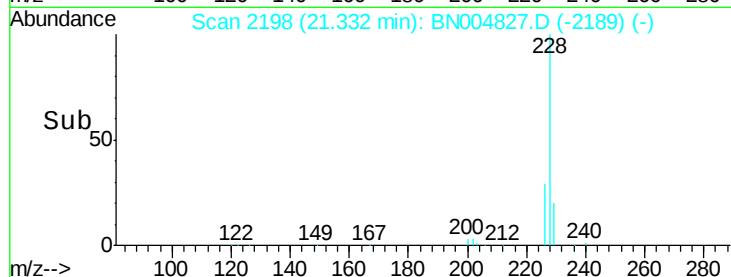
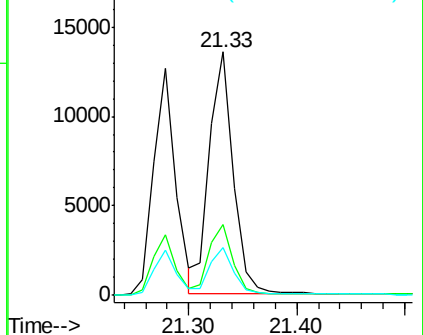
229 19.9 16.2 24.2



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: 0.369 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

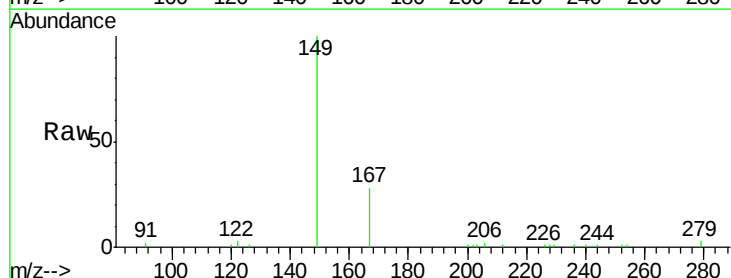
Tgt Ion:149 Resp: 7060

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

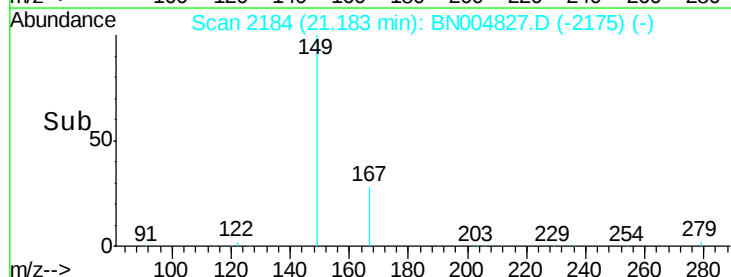
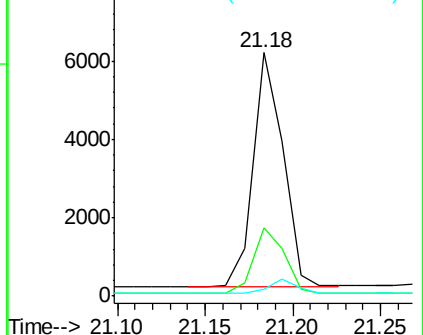
279 5.6 4.6 6.8

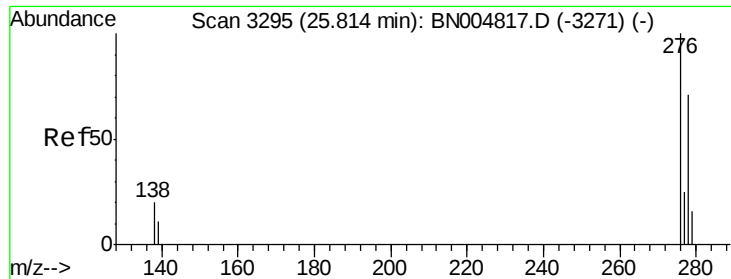


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.413 ng

RT: 25.82 min Scan# 3296

Delta R.T. 0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

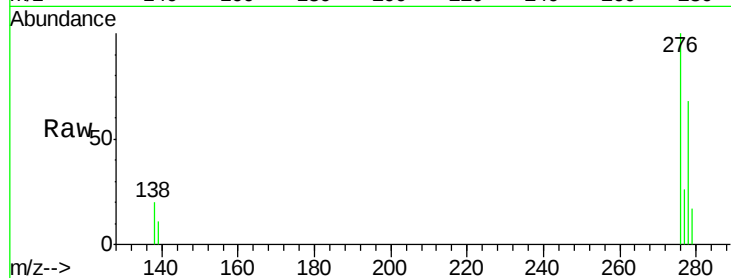
Tot Ion:276 Resp: 30143

Ion Ratio Lower Upper

276 100

138 20.7 16.6 24.8

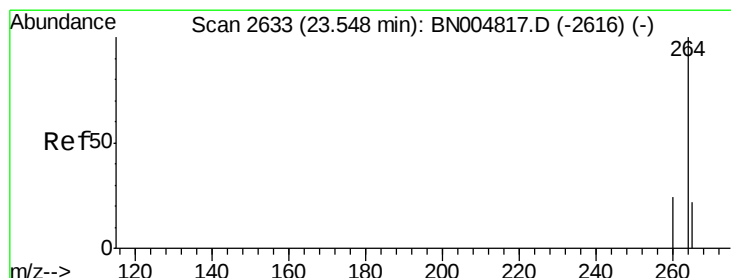
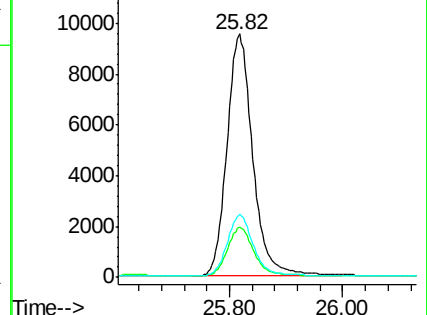
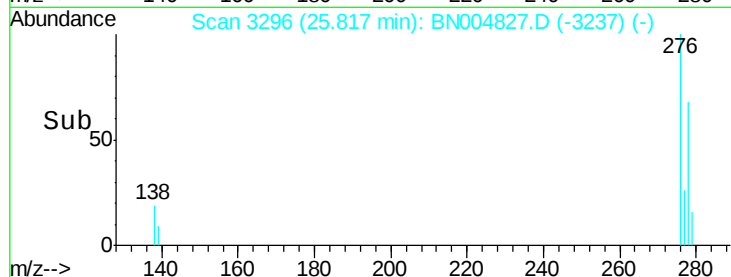
277 25.6 20.3 30.5



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: BN004827.D

Acq: 20 Mar 2019 19:55

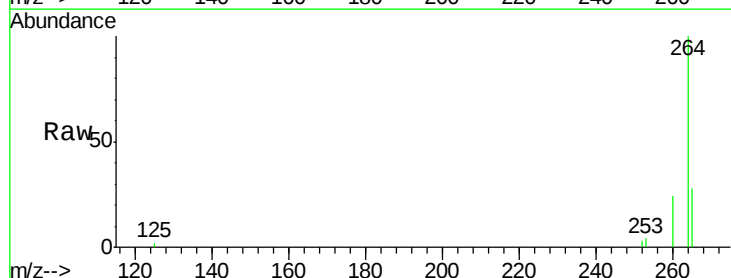
Tgt Ion:264 Resp: 16236

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

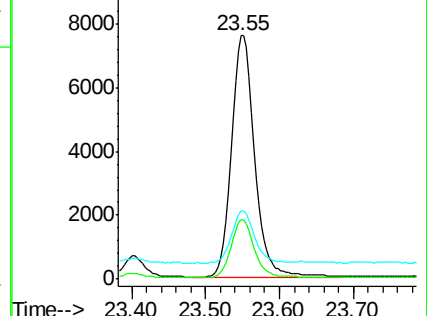
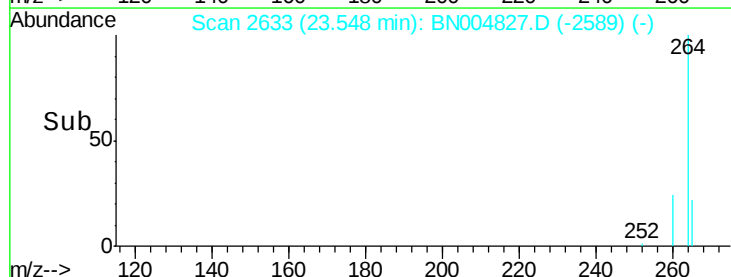
265 28.1 23.1 34.7

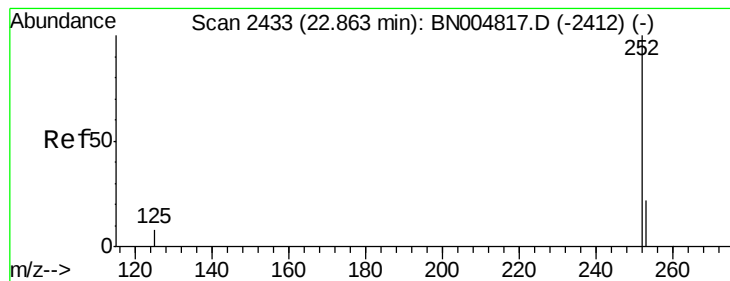


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.400 ng

RT: 22.86 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

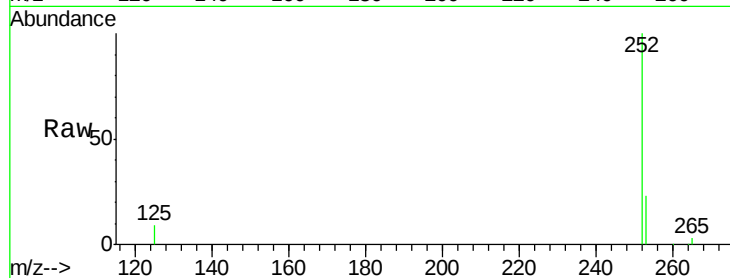
Tot Ion:252 Resp: 23507

Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.4

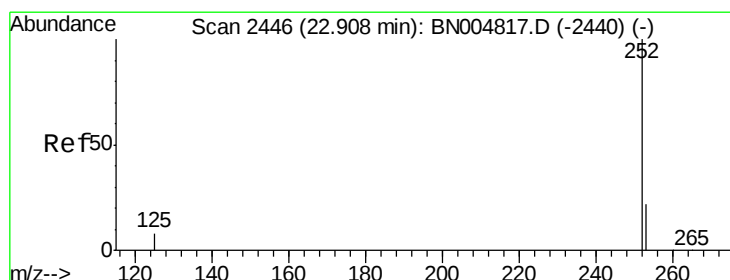
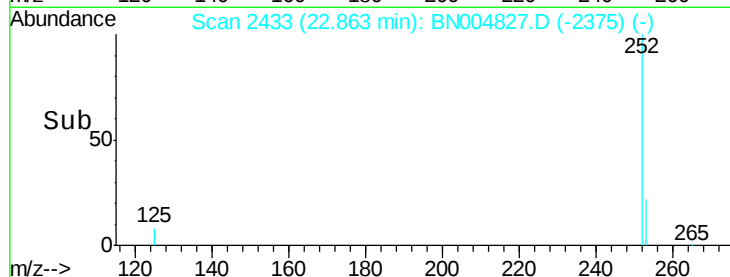
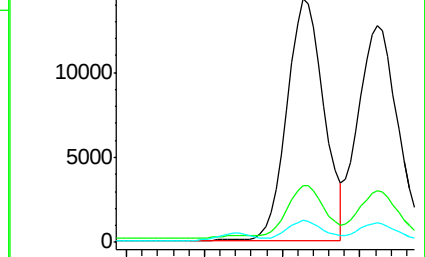
125 9.0 7.4 11.2



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: 0.400 ng

RT: 22.91 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

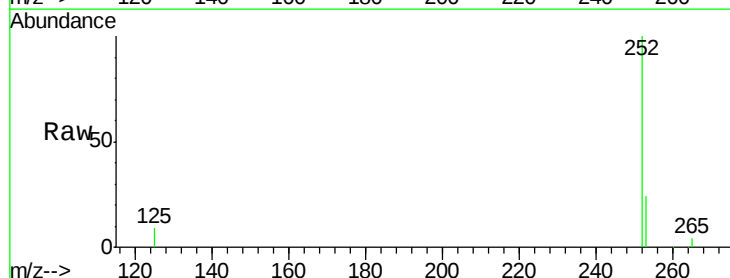
Tgt Ion:252 Resp: 23107

Ion Ratio Lower Upper

252 100

253 23.6 19.3 28.9

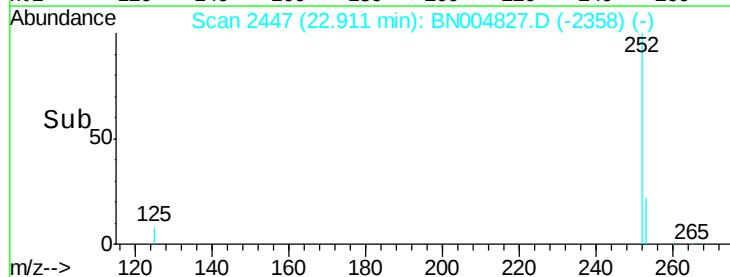
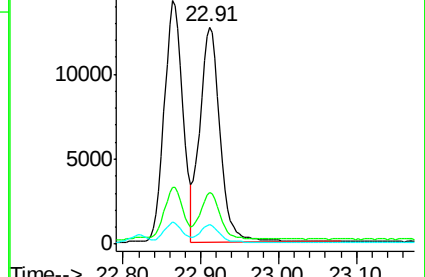
125 9.0 7.4 11.0

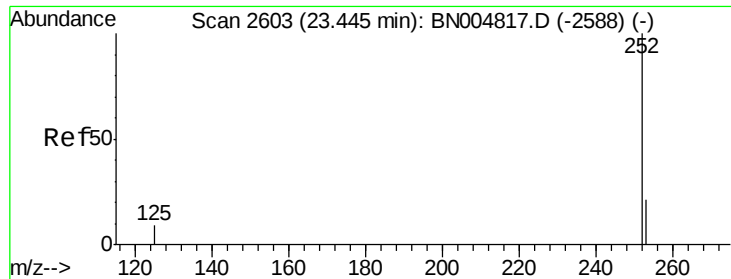


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.45 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

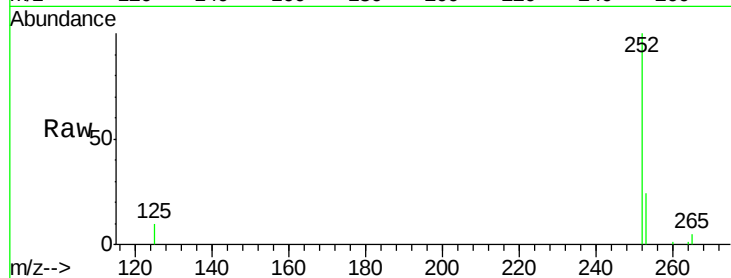
Tot Ion:252 Resp: 21145

Ion Ratio Lower Upper

252 100

253 24.4 19.7 29.5

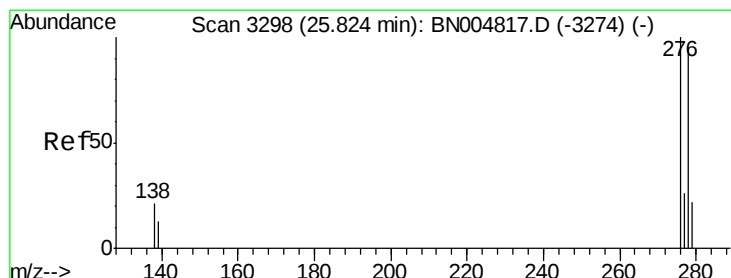
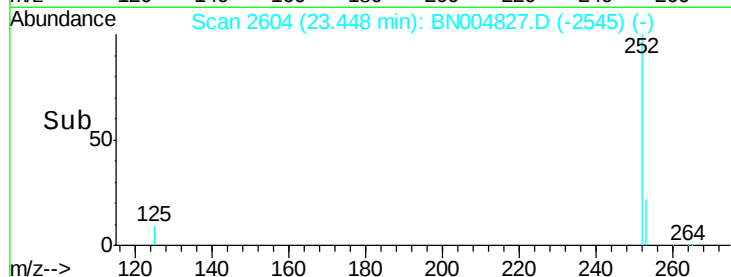
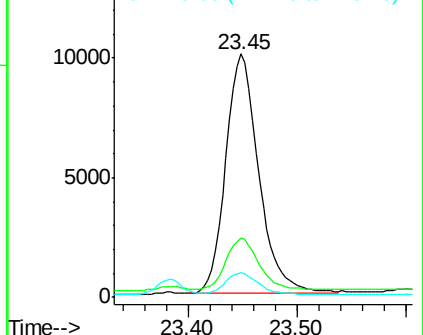
125 10.0 8.3 12.5



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: 0.400 ng

RT: 25.83 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

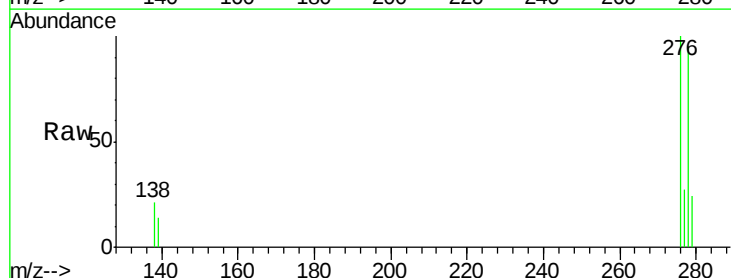
Tgt Ion:278 Resp: 24942

Ion Ratio Lower Upper

278 100

139 14.5 11.7 17.5

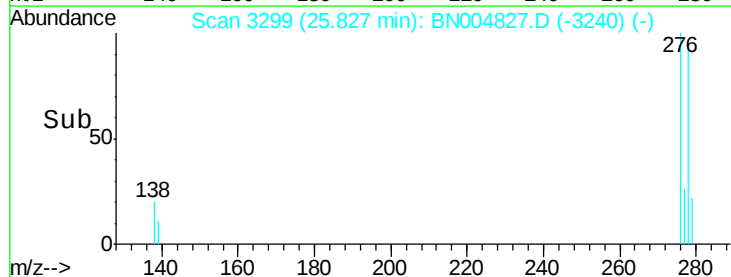
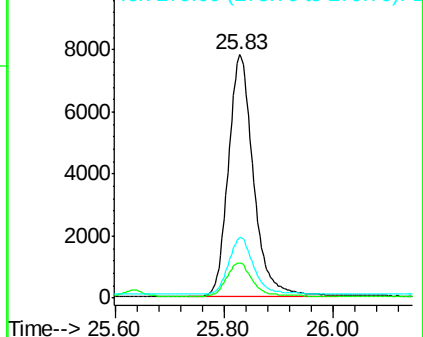
279 24.7 19.9 29.9

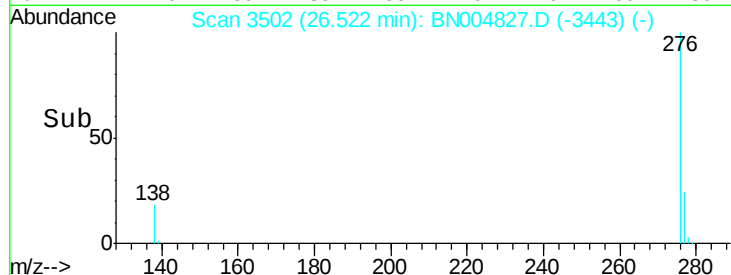
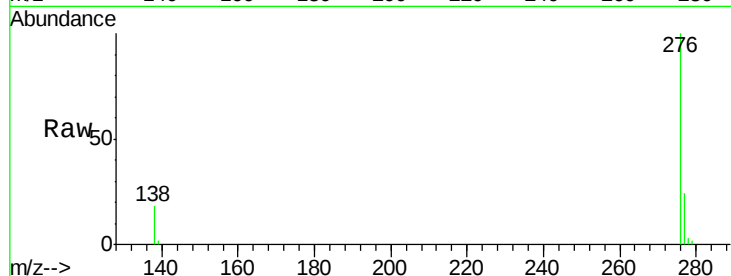
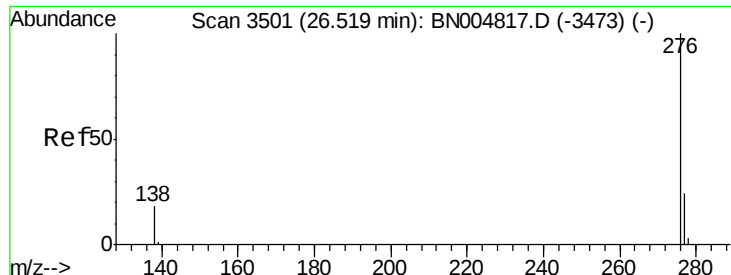


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.399 ng

RT: 26.52 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BN004827.D

Acq: 20 Mar 2019 19:55

Instrument :

BNA_N

ClientSampleId :

PB117833BSD

Tot Ion:276 Resp: 25364

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 18.3 14.6 22.0

