

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004833.D
 Acq On : 20 Mar 2019 23:29
 Operator : JU/SJ
 Sample : PB118052BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118052BSD

Quant Time: Mar 21 08:49:07 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	7.71	152	1538	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6817	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4306	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	11149	0.40	ng	0.00
27) Chrysene-d12	21.29	240	15272	0.40	ng	0.00
34) Perylene-d12	23.55	264	16679	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	1570	0.38	ng	0.00
5) Phenol-d6	6.88	99	1923	0.37	ng	0.00
8) Nitrobenzene-d5	8.87	82	1566	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4695	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	938	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	7286	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	14363	0.38	ng	0.00
29) Terphenyl-d14	19.73	244	12473	0.40	ng	0.00

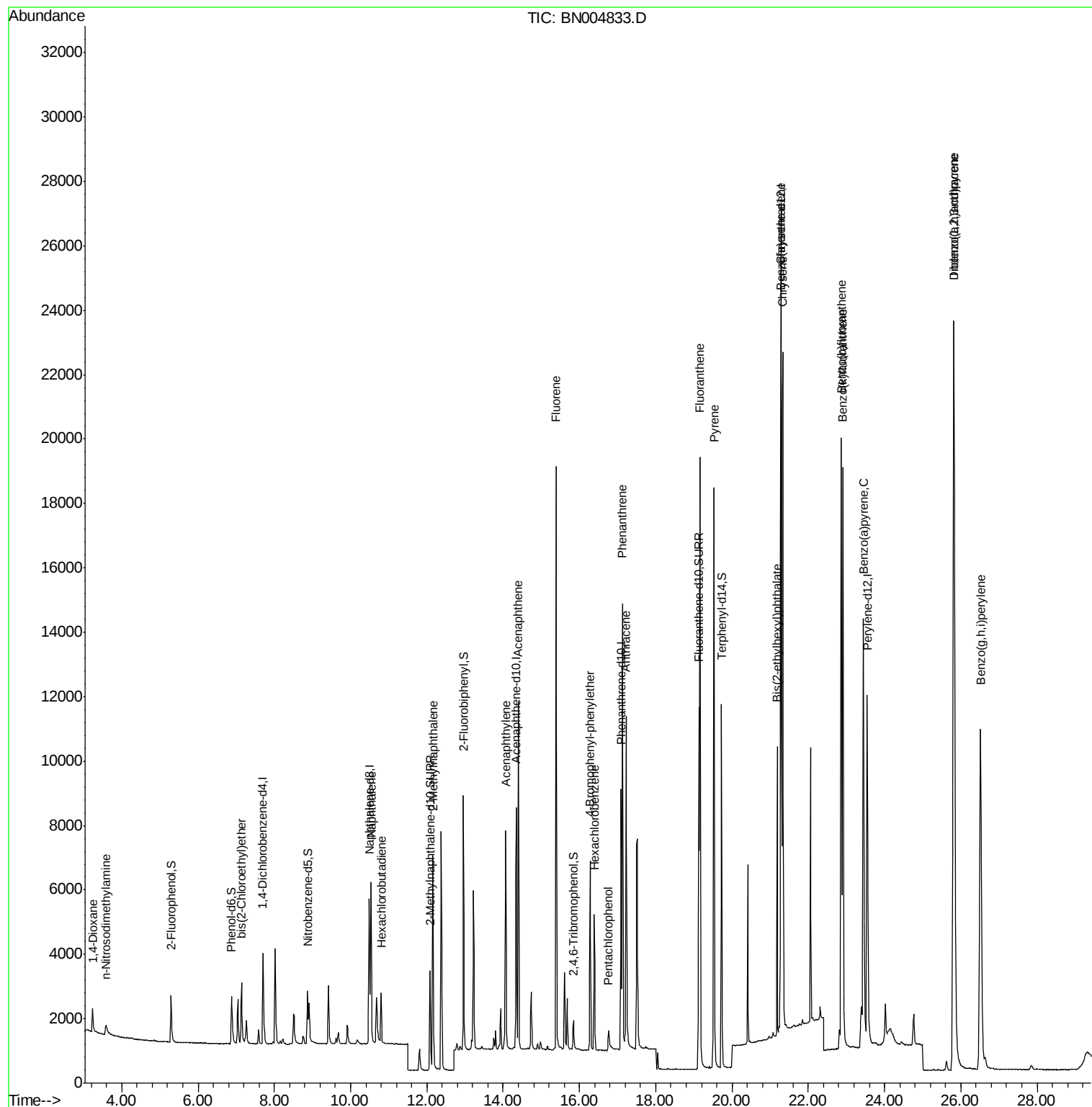
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	718	0.411	ng	93
3) n-Nitrosodimethylamine	3.58	42	332	0.321	ng	98
6) bis(2-Chloroethyl)ether	7.14	93	1849	0.394	ng	95
9) Naphthalene	10.54	128	7580	0.396	ng	99
10) Hexachlorobutadiene	10.81	225	1495	0.410	ng	# 99
12) 2-Methylnaphthalene	12.16	142	5620	0.396	ng	99
16) Acenaphthylene	14.07	152	8144	0.367	ng	100
17) Acenaphthene	14.40	154	5788	0.398	ng	99
18) Fluorene	15.39	166	8076	0.398	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	2825	0.388	ng	99
21) Hexachlorobenzene	16.39	284	3377	0.405	ng	99
22) Pentachlorophenol	16.76	266	527	0.323	ng	98
23) Phenanthrene	17.13	178	14323	0.398	ng	99
24) Anthracene	17.23	178	11932	0.371	ng	100
26) Fluoranthene	19.16	202	17930	0.388	ng	100
28) Pyrene	19.53	202	18368	0.394	ng	100
30) Benzo(a)anthracene	21.28	228	18465	0.369	ng	99
31) Chrysene	21.33	228	21644	0.410	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	7382	0.369	ng	100
33) Indeno(1,2,3-cd)pyrene	25.81	276	31013	0.406	ng	100
35) Benzo(b)fluoranthene	22.86	252	25051	0.415	ng	100
36) Benzo(k)fluoranthene	22.91	252	23296	0.392	ng	99
37) Benzo(a)pyrene	23.45	252	21926	0.396	ng	99
38) Dibenzo(a,h)anthracene	25.83	278	25525	0.398	ng	100
39) Benzo(g,h,i)perylene	26.52	276	25969	0.398	ng	100

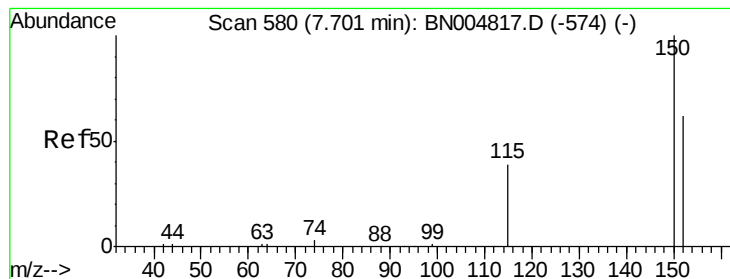
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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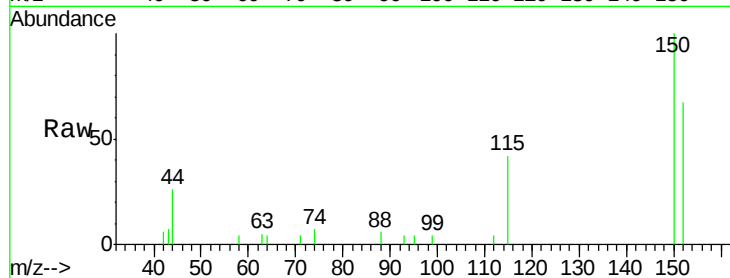


#1

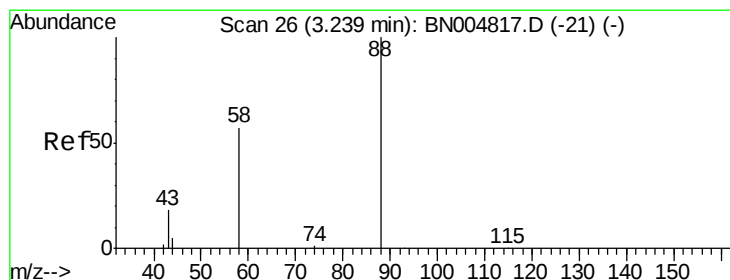
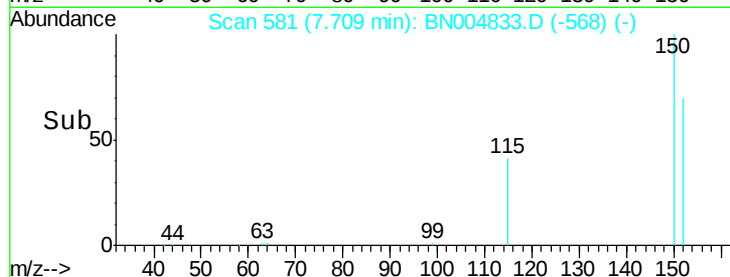
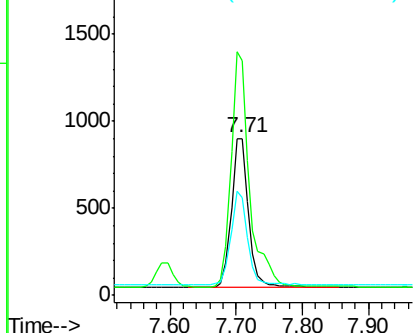
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.01 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Instrument :
BNA_N
ClientSampleId :
PB118052BSD

Tot Ion:152 Resp: 1538
Ion Ratio Lower Upper
152 100
150 149.3 126.2 189.4
115 62.5 52.6 79.0



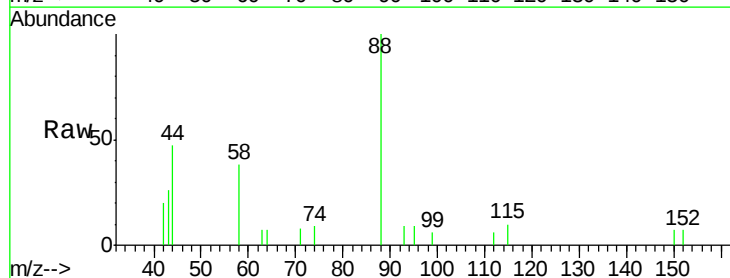
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



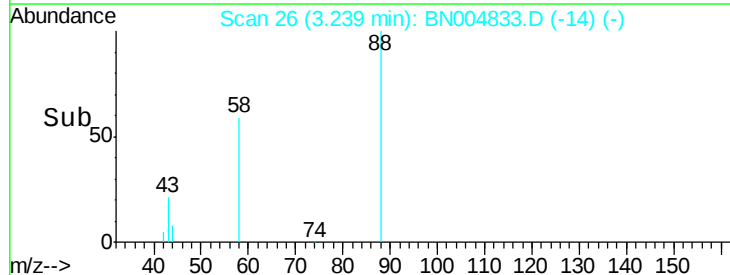
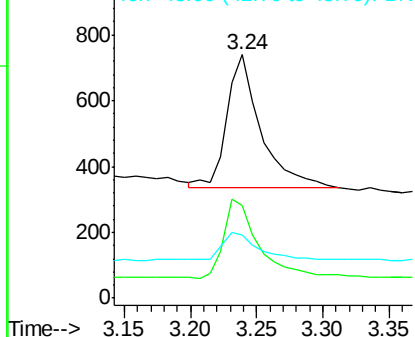
#2

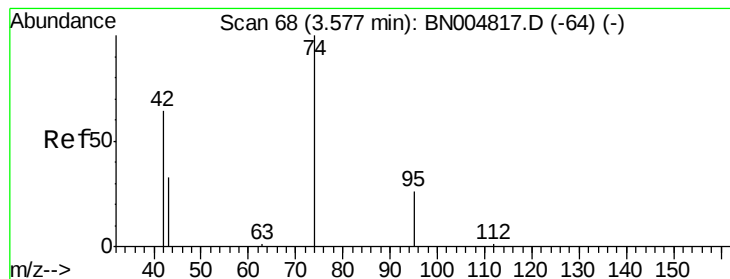
1,4-Dioxane
Concen: 0.411 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Tgt Ion: 88 Resp: 718
Ion Ratio Lower Upper
88 100
58 59.3 51.4 77.2
43 21.3 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



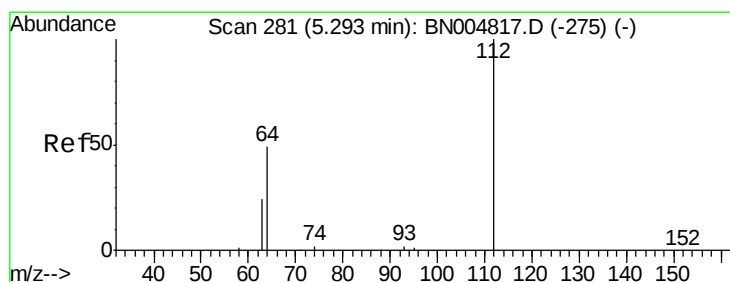
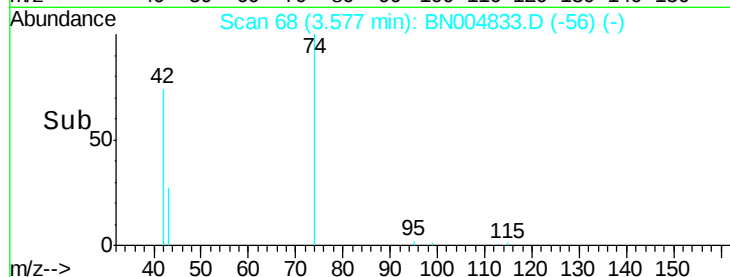
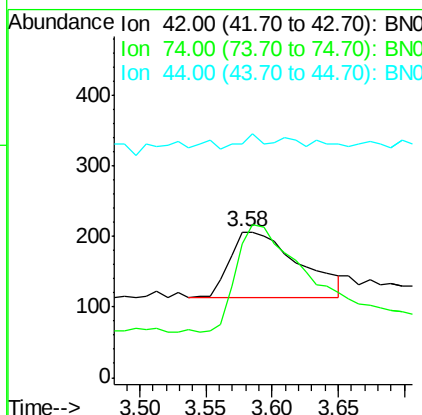
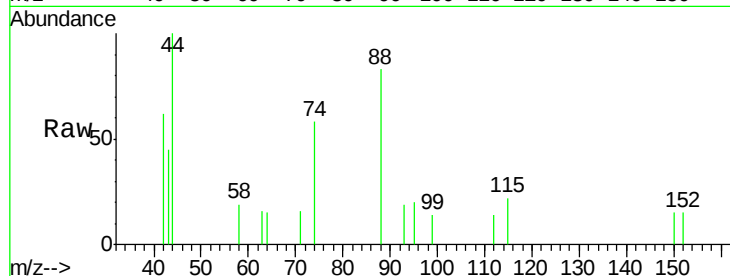


#3

n-Nitrosodimethylamine
 Concen: 0.321 ng
 RT: 3.58 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BN004833.D
 Acq: 20 Mar 2019 23:29

Instrument :
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 PB118052BSD

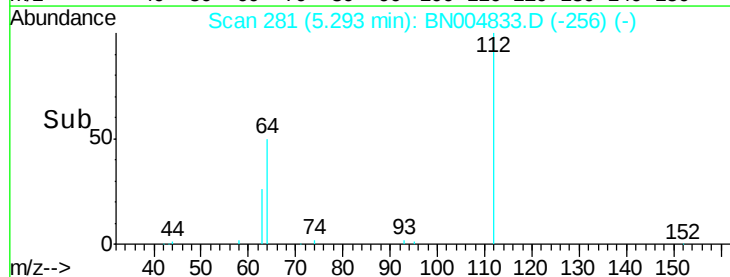
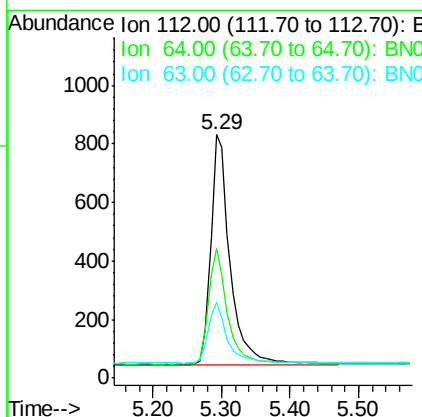
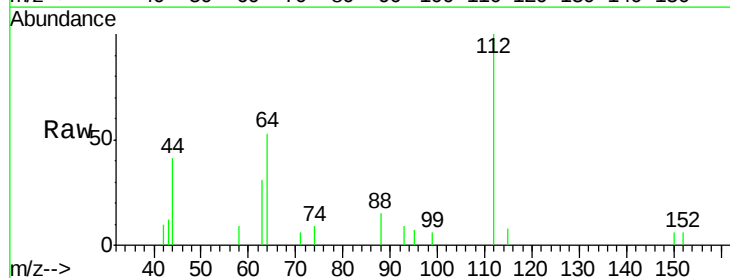
Tot Ion: 42 Resp: 332
 Ion Ratio Lower Upper
 42 100
 74 163.9 128.4 192.6
 44 7.2 6.1 9.1

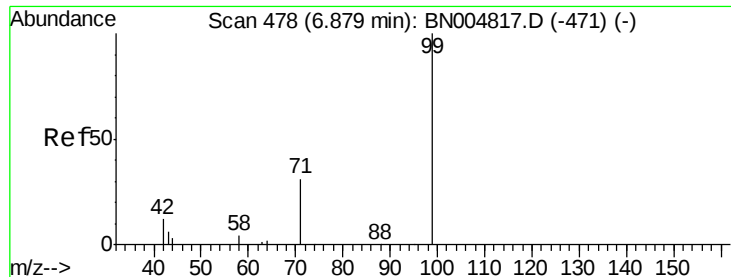


#4

2-Fluorophenol
 Concen: 0.376 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004833.D
 Acq: 20 Mar 2019 23:29

Tgt Ion: 112 Resp: 1570
 Ion Ratio Lower Upper
 112 100
 64 50.3 40.0 60.0
 63 25.7 20.2 30.2





#5

Phenol-d6

Concen: 0.369 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

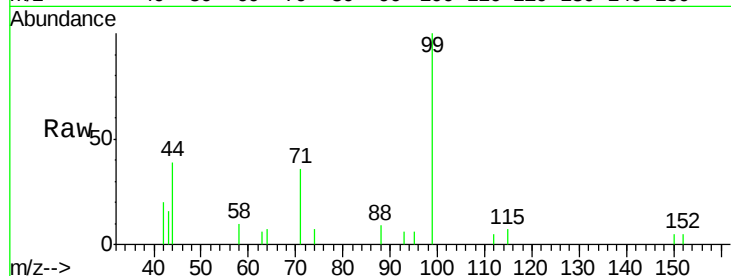
Tot Ion: 99 Resp: 1923

Ion Ratio Lower Upper

99 100

42 13.4 12.7 19.1

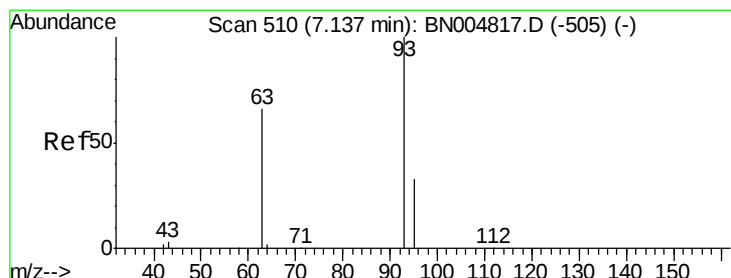
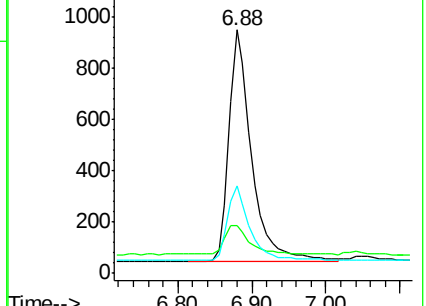
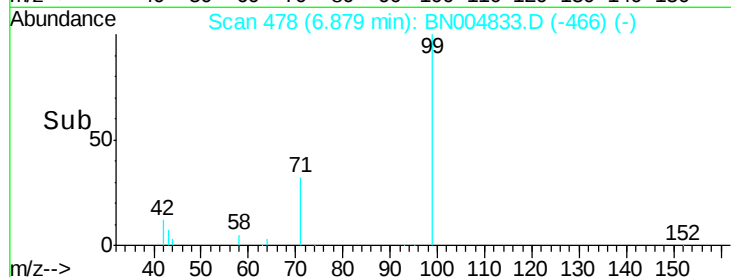
71 32.1 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004833.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN004833.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN004833.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.394 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

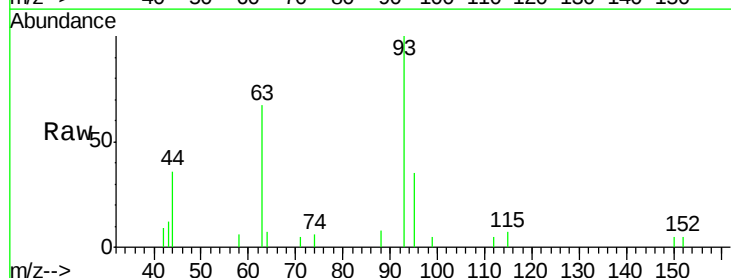
Tgt Ion: 93 Resp: 1849

Ion Ratio Lower Upper

93 100

63 61.4 52.6 78.8

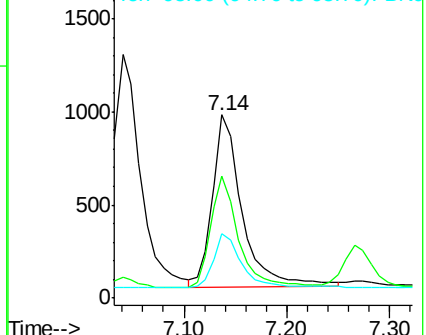
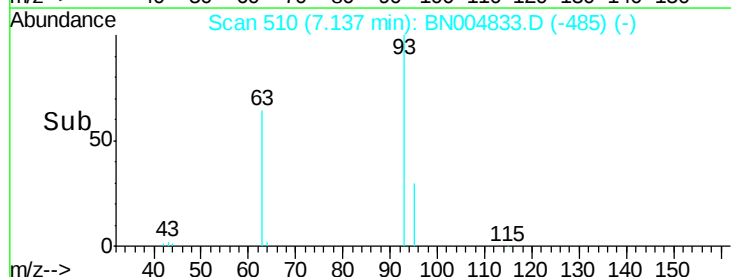
95 30.2 25.9 38.9

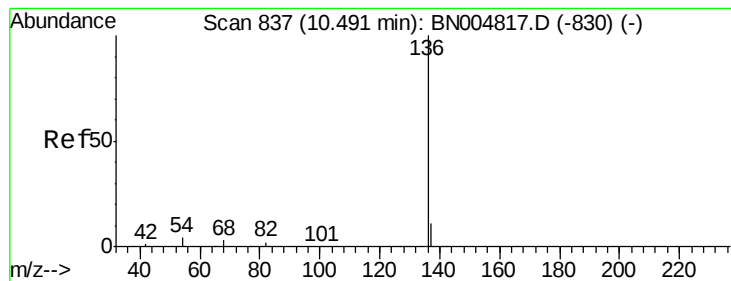


Abundance Ion 93.00 (92.70 to 93.70): BN004833.D (-485) (-)

Ion 63.00 (62.70 to 63.70): BN004833.D (-485) (-)

Ion 95.00 (94.70 to 95.70): BN004833.D (-485) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

Tot Ion:136 Resp: 6817

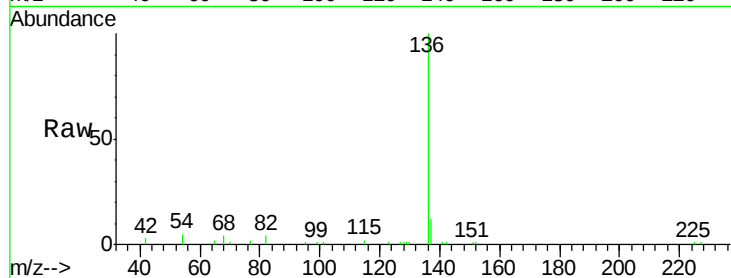
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 4.9 4.2 6.2

68 4.4 3.9 5.9

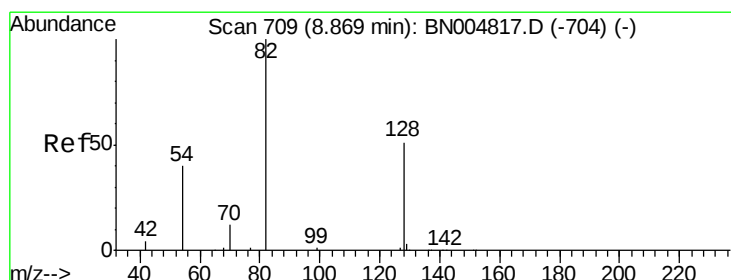
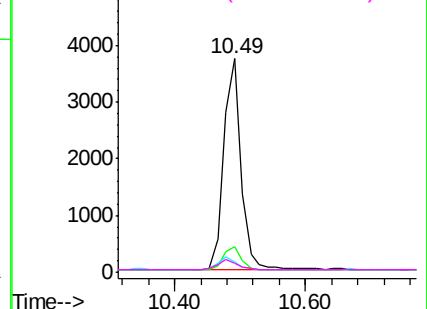
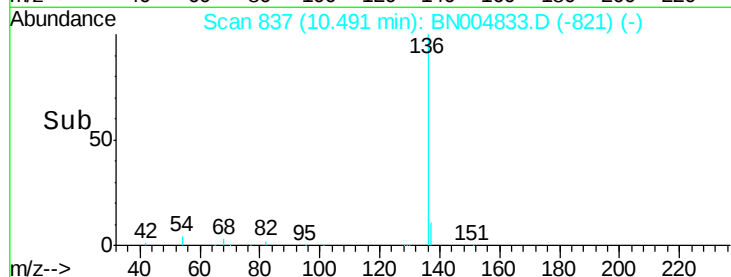


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.347 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

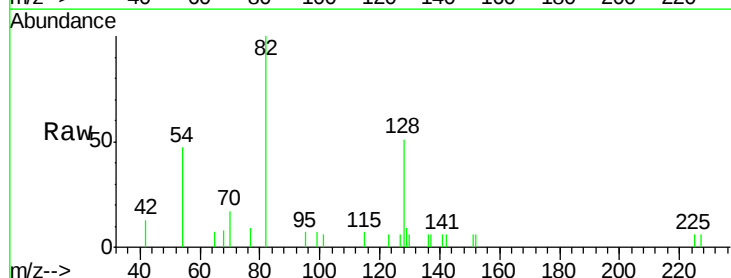
Tgt Ion: 82 Resp: 1566

Ion Ratio Lower Upper

82 100

128 50.9 43.0 64.6

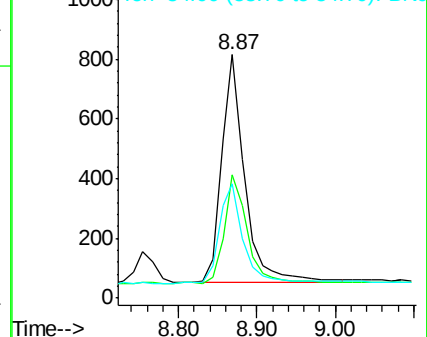
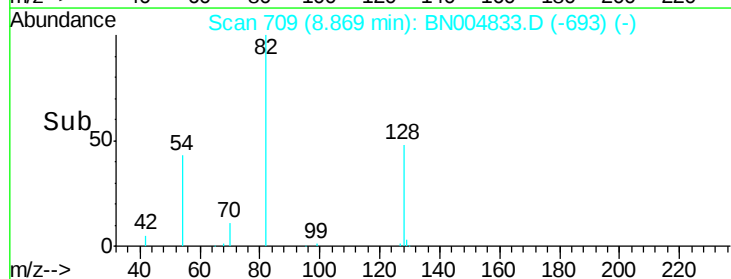
54 46.9 35.3 52.9

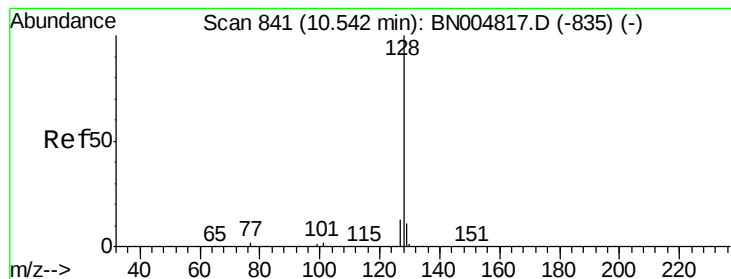


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: BN004833.D

Acq: 20 Mar 2019 23:29

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ClientSampleId :

PB118052BSD

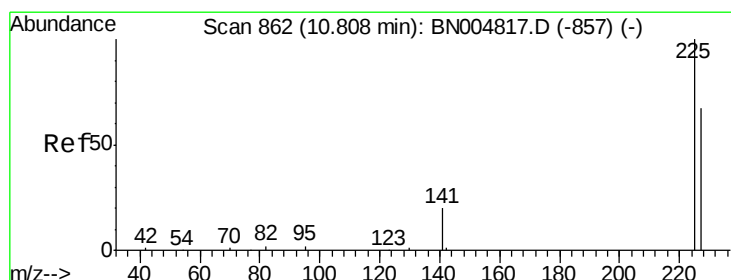
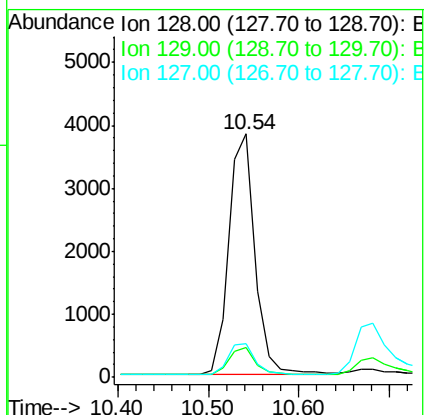
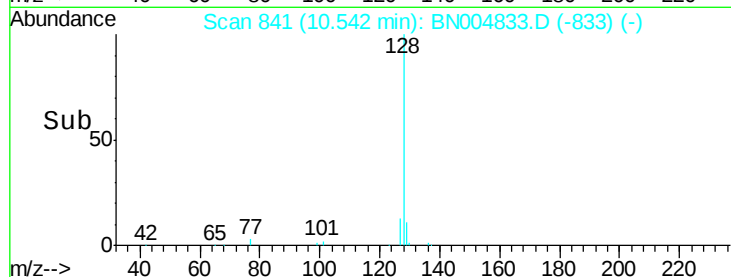
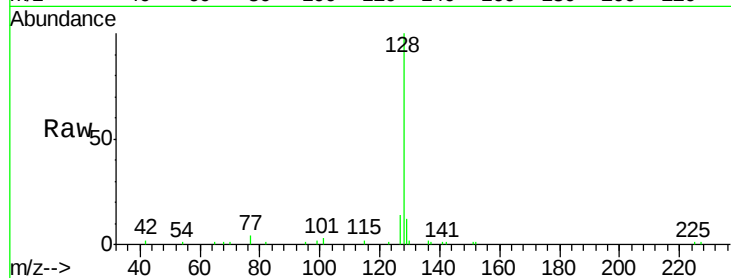
Tot Ion:128 Resp: 7580

Ion Ratio Lower Upper

128 100

129 12.1 9.9 14.9

127 13.9 11.3 16.9



#10

Hexachlorobutadiene

Concen: 0.410 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

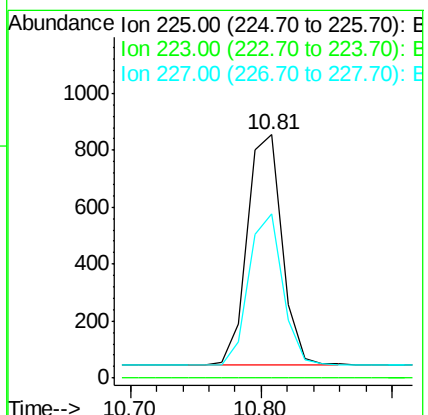
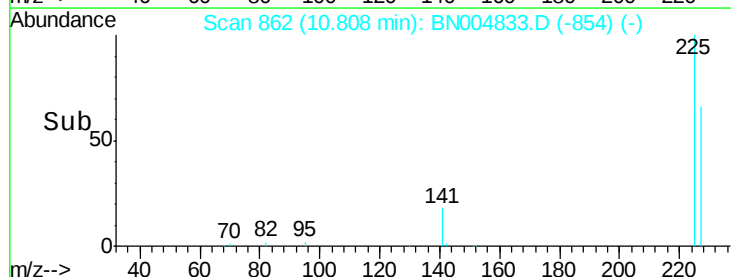
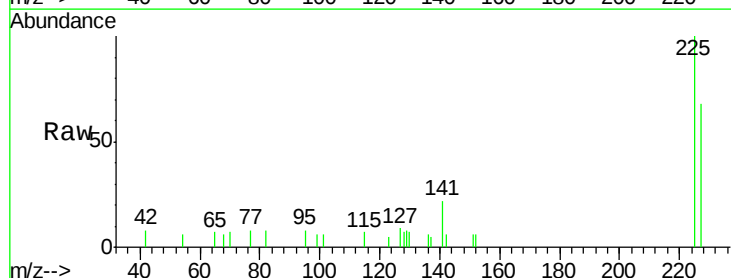
Tgt Ion:225 Resp: 1495

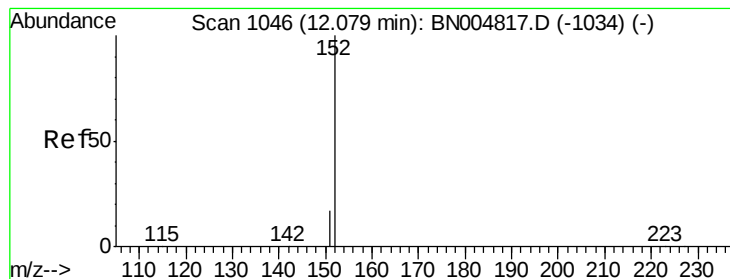
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.1 52.2 78.4





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.08 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

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ClientSampleId :

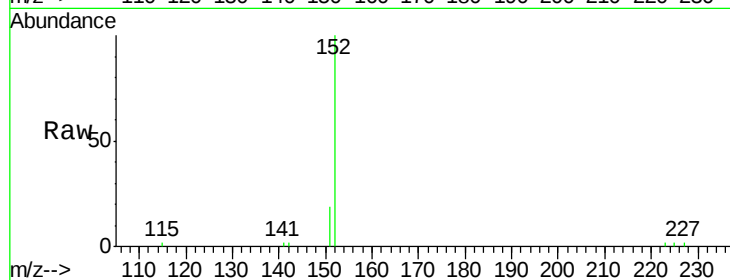
PB118052BSD

Tot Ion:152 Resp: 4695

Ion Ratio Lower Upper

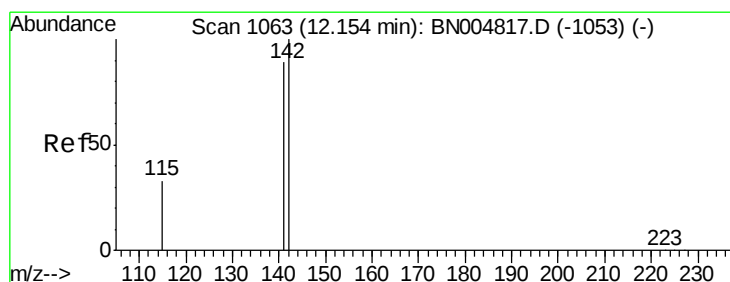
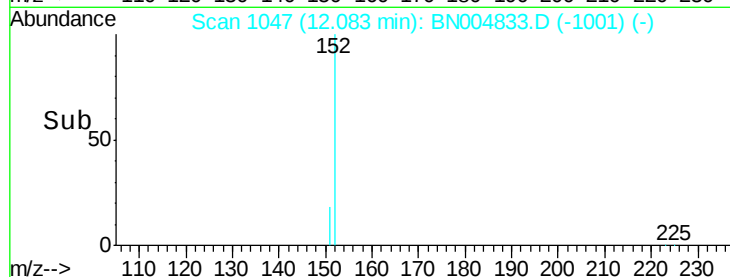
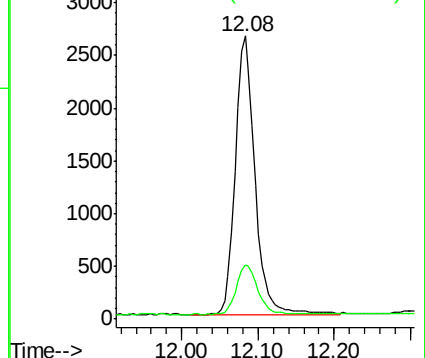
152 100

151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.396 ng

RT: 12.16 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

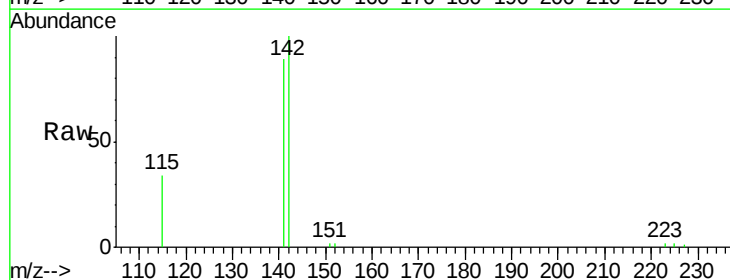
Tgt Ion:142 Resp: 5620

Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.2

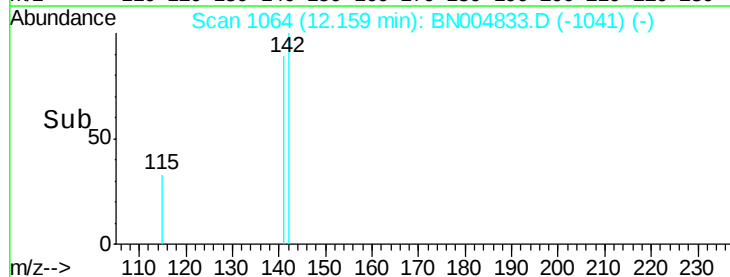
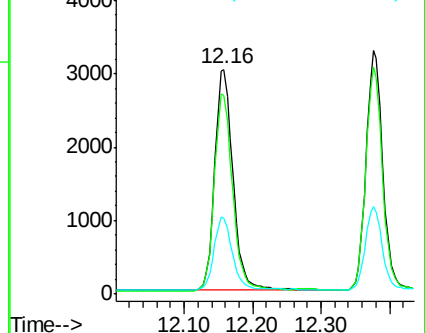
115 34.1 27.5 41.3

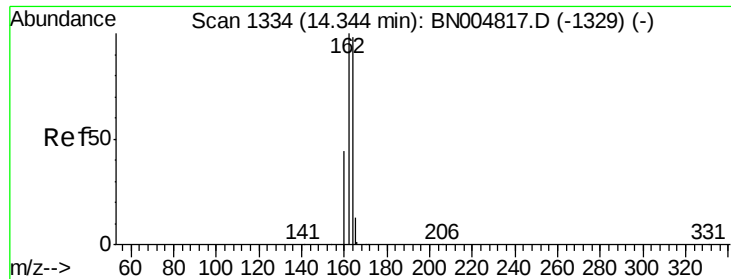


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

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ClientSampleId :

PB118052BSD

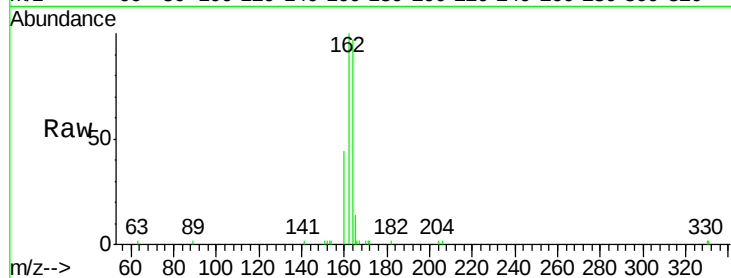
Tot Ion:164 Resp: 4306

Ion Ratio Lower Upper

164 100

162 103.1 81.9 122.9

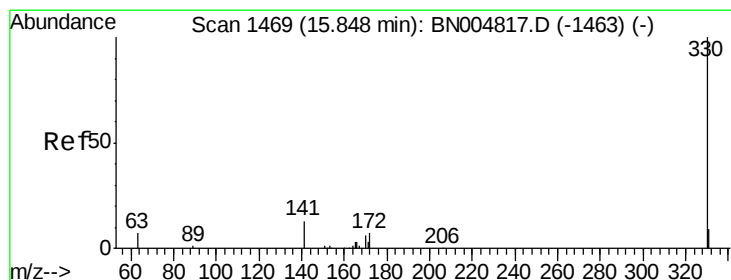
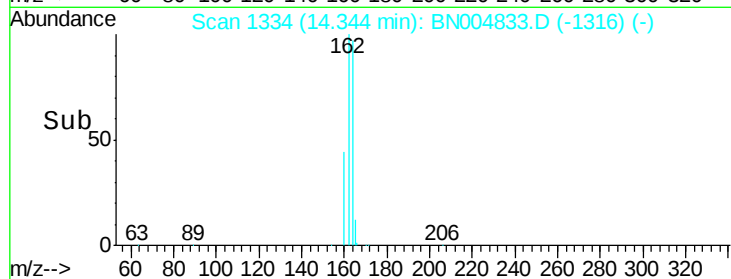
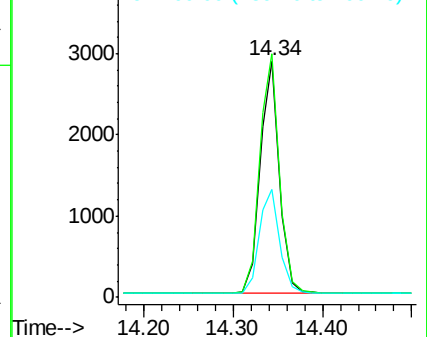
160 45.8 36.6 54.8



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

2,4,6-Tribromophenol

Concen: 0.315 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

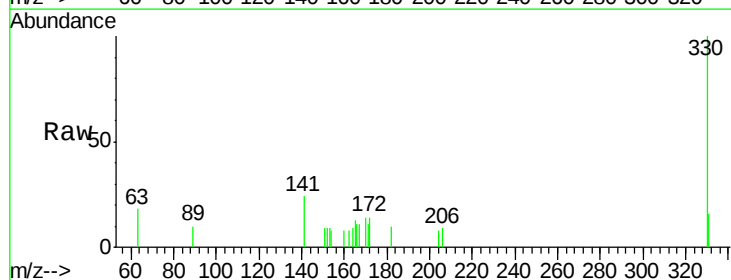
Tgt Ion:330 Resp: 938

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

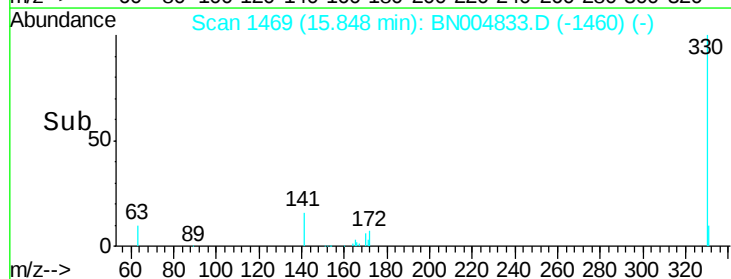
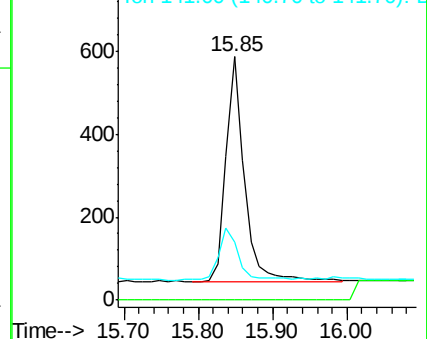
141 24.8 20.9 31.3

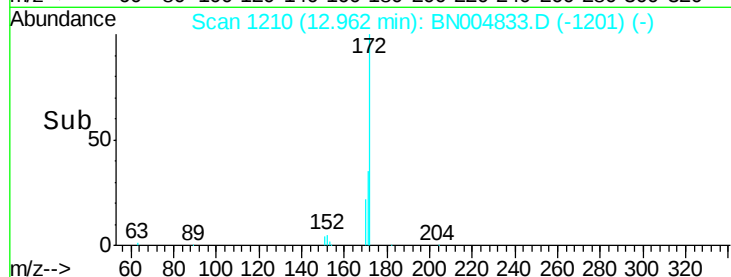
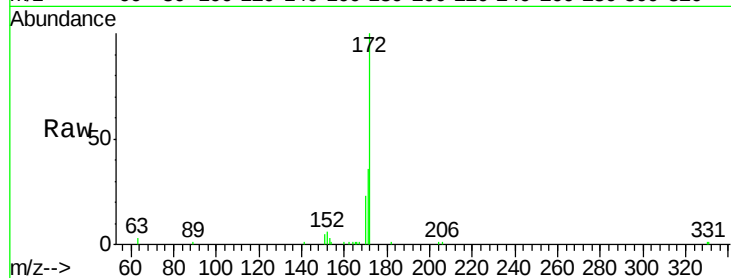
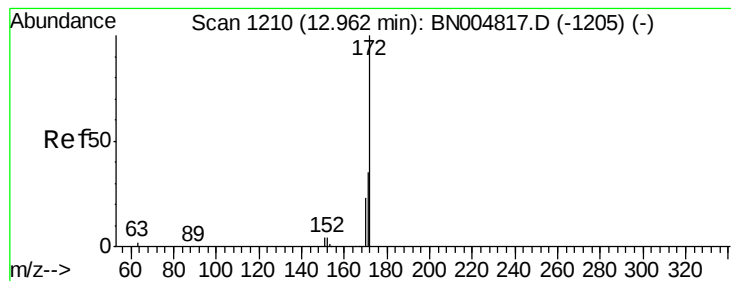


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.409 ng

RT: 12.96 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

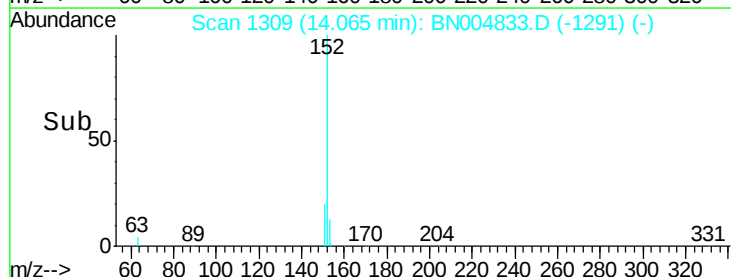
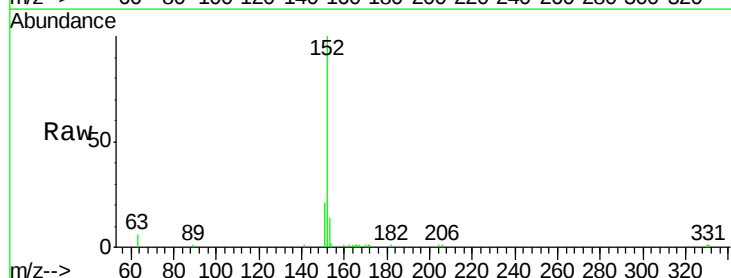
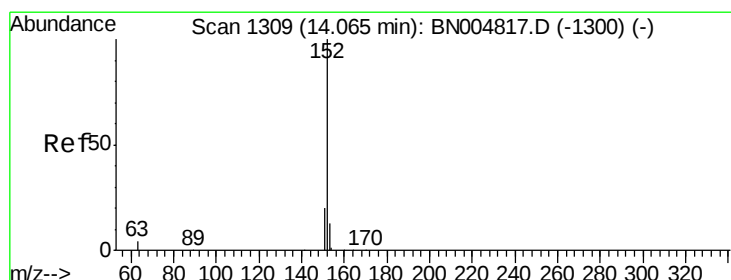
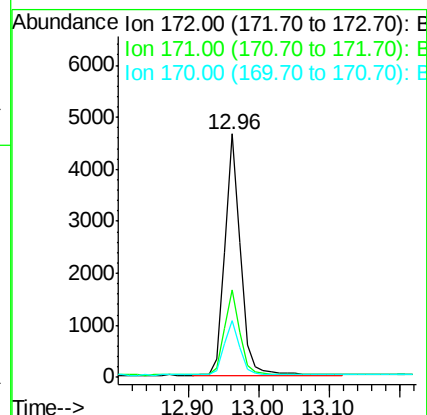
BNA_N

ClientSampleId :

PB118052BSD

Tot Ion:172 Resp: 7286

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	23.1	18.7	28.1



#16

Acenaphthylene

Concen: 0.367 ng

RT: 14.07 min Scan# 1309

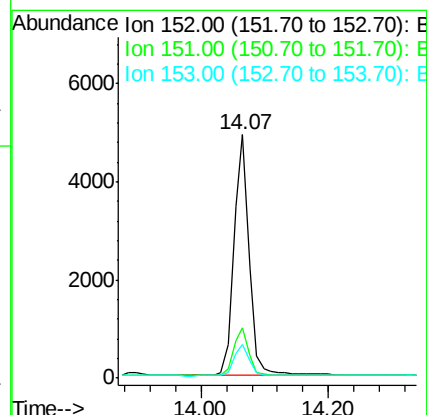
Delta R.T. -0.00 min

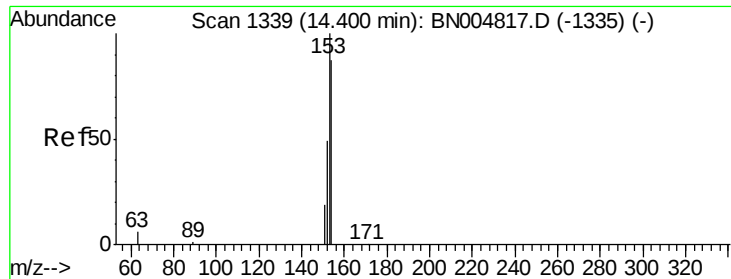
Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Tgt Ion:152 Resp: 8144

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.3	10.5	15.7





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

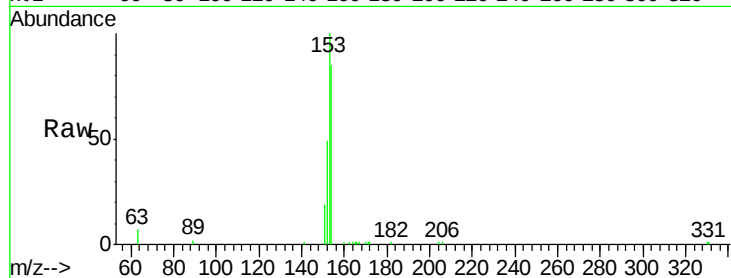
Tot Ion:154 Resp: 5788

Ion Ratio Lower Upper

154 100

153 115.3 91.4 137.2

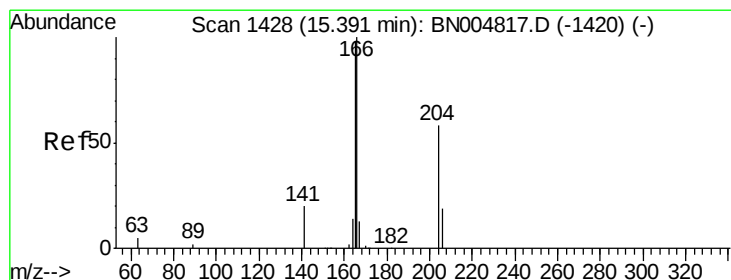
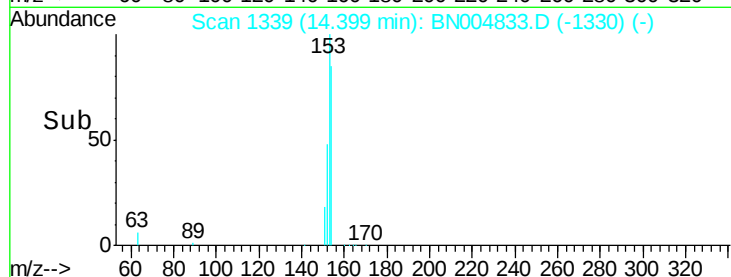
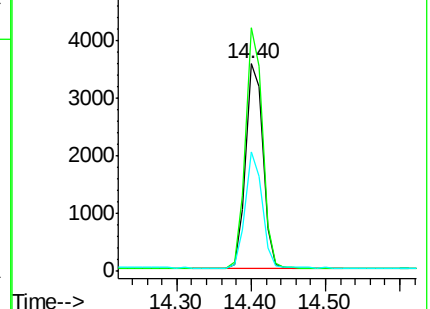
152 55.4 44.2 66.2



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: 0.398 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

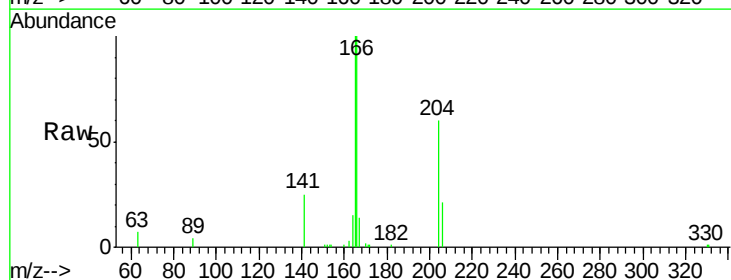
Tgt Ion:166 Resp: 8076

Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

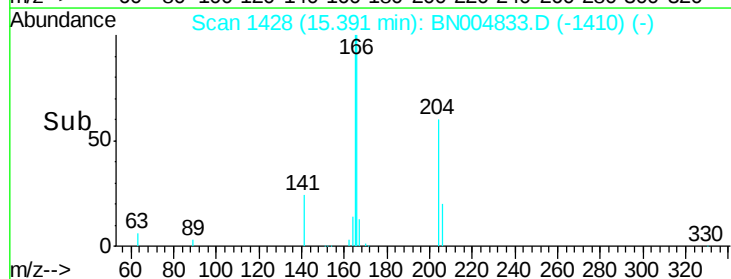
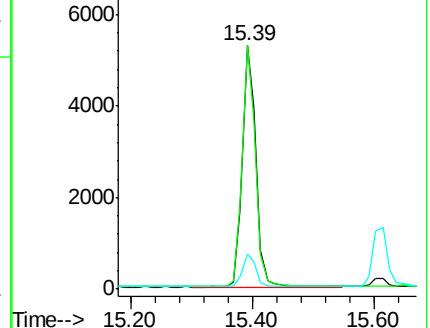
167 13.5 11.0 16.4

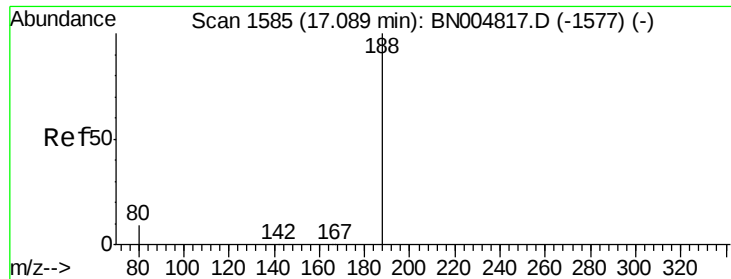


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

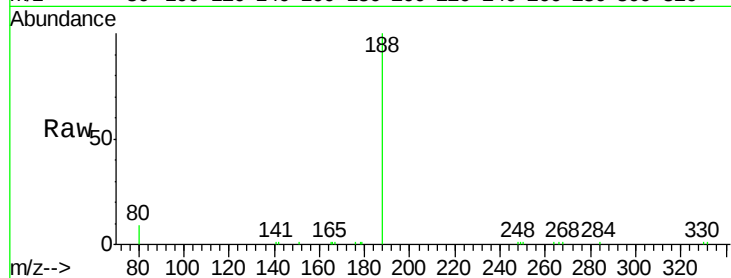
Tot Ion:188 Resp: 11149

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

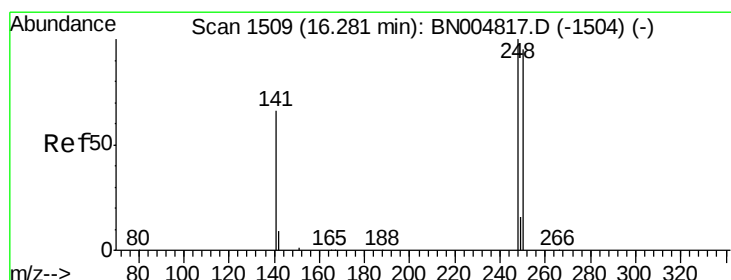
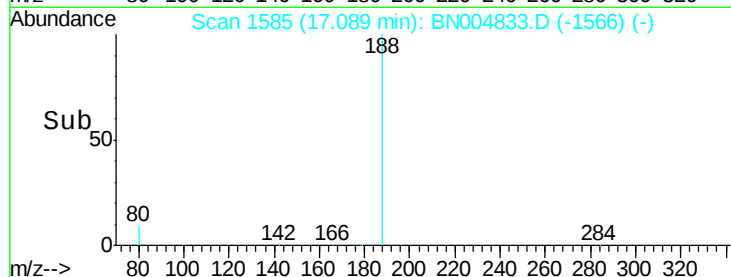
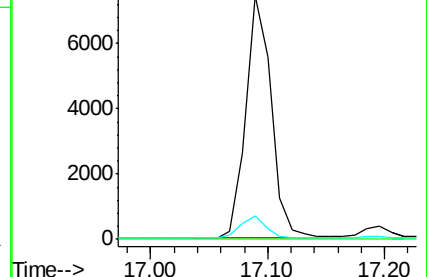
80 9.4 7.4 11.2



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: 0.388 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

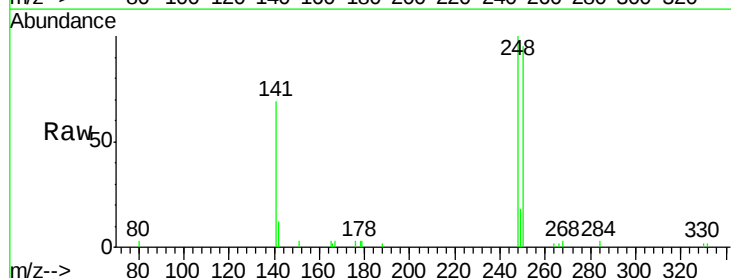
Tgt Ion:248 Resp: 2825

Ion Ratio Lower Upper

248 100

250 95.1 76.2 114.4

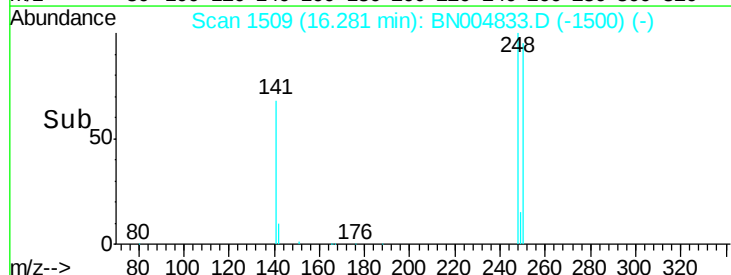
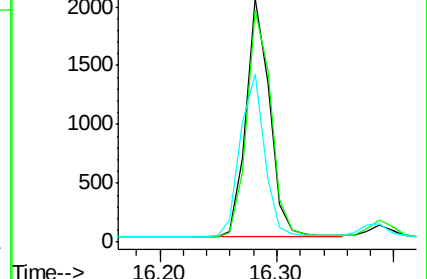
141 69.1 53.9 80.9

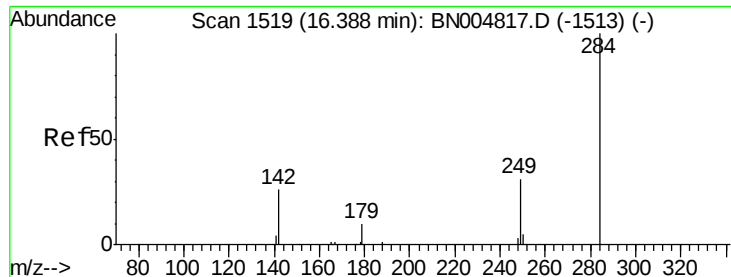


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.405 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

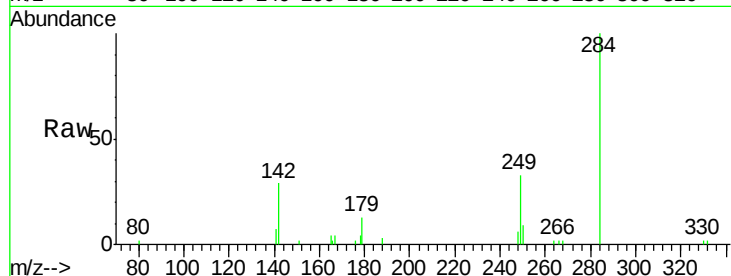
Tot Ion:284 Resp: 3377

Ion Ratio Lower Upper

284 100

142 28.4 22.6 34.0

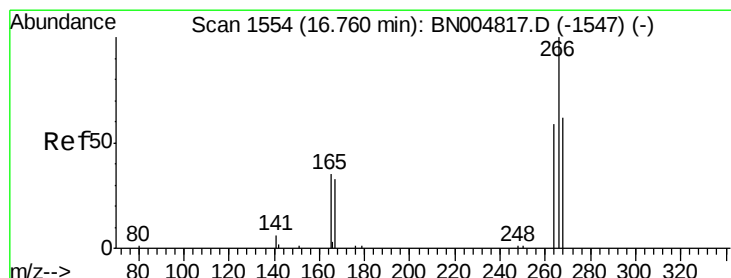
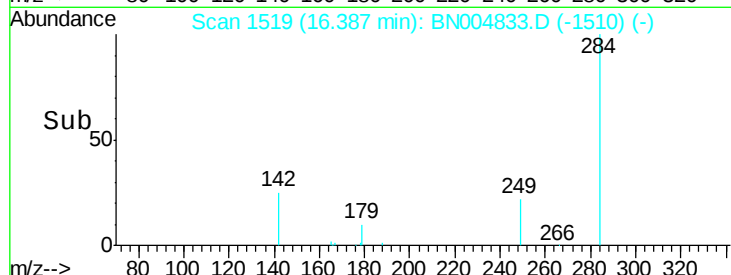
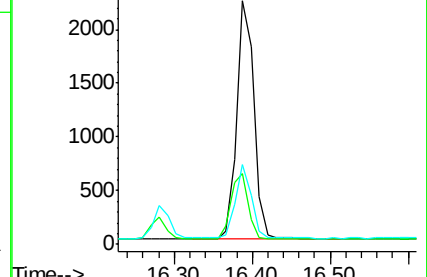
249 28.8 22.5 33.7



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: 0.323 ng

RT: 16.76 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

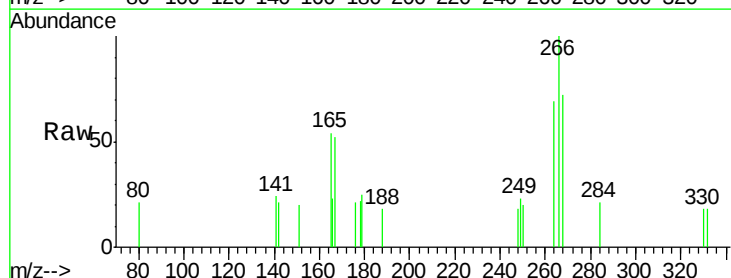
Tgt Ion:266 Resp: 527

Ion Ratio Lower Upper

266 100

264 68.8 53.1 79.7

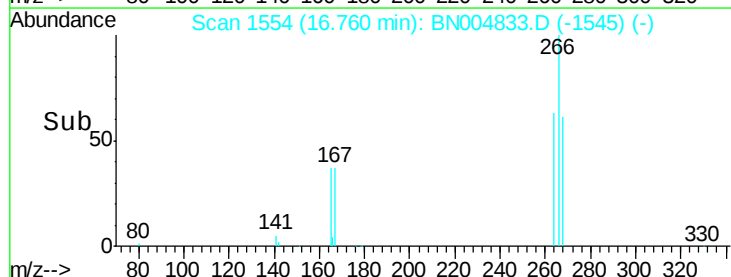
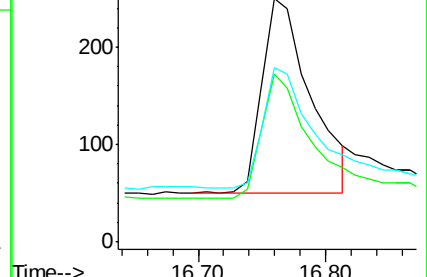
268 71.6 57.7 86.5

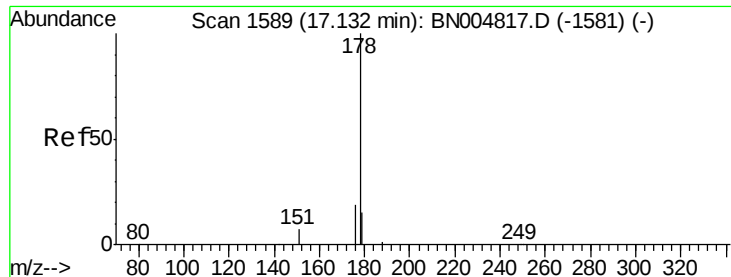


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.398 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

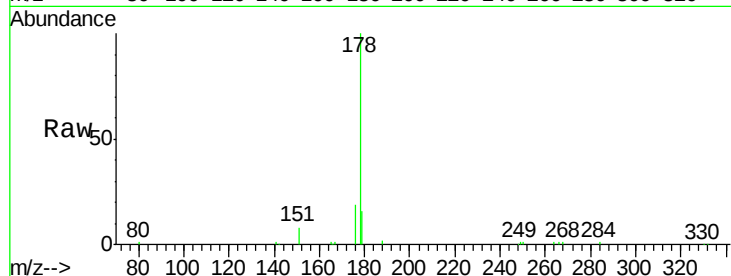
Tot Ion:178 Resp: 14323

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

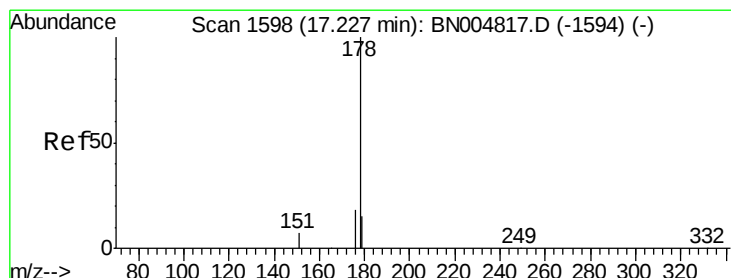
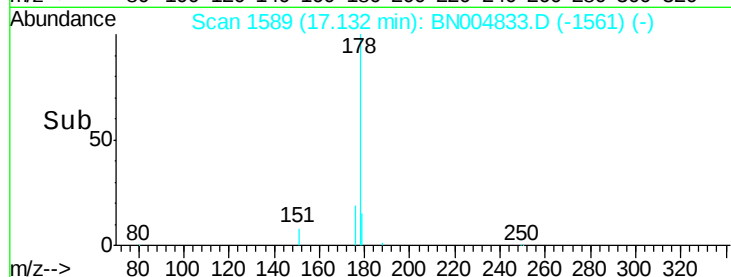
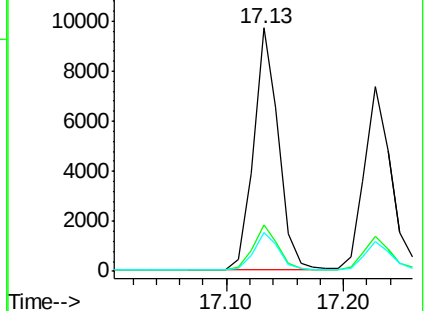
179 15.6 12.1 18.1



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: 0.371 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

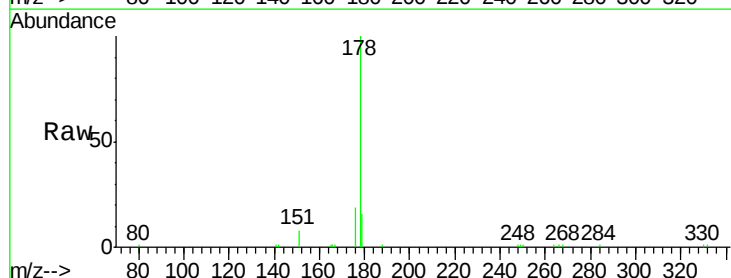
Tgt Ion:178 Resp: 11932

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

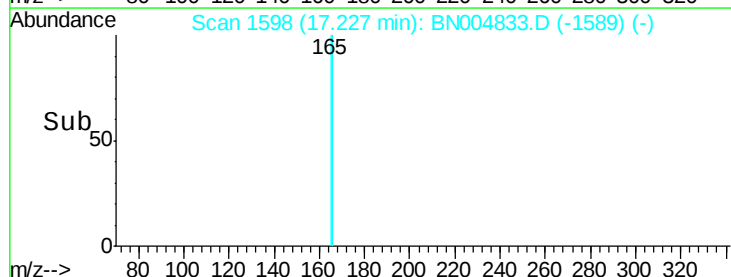
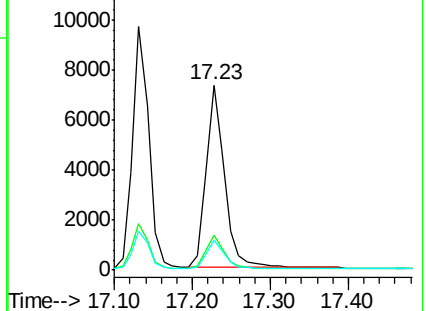
179 15.3 12.2 18.4

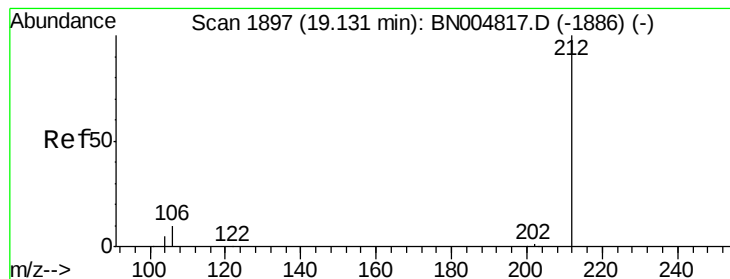


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

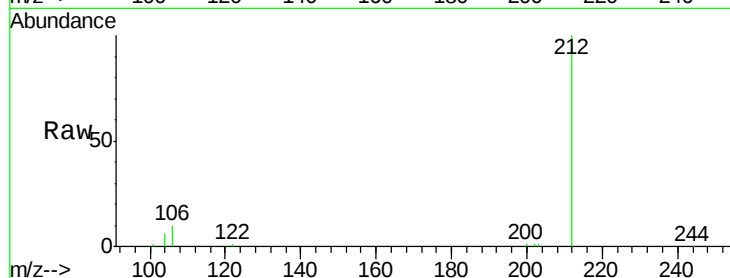
Tot Ion:212 Resp: 14363

Ion Ratio Lower Upper

212 100

106 10.3 8.6 13.0

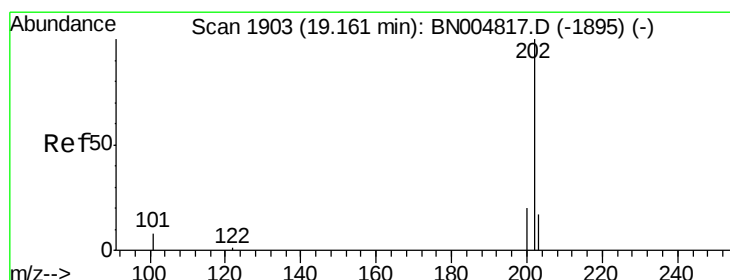
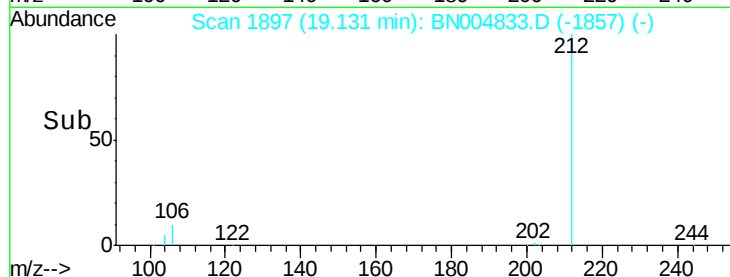
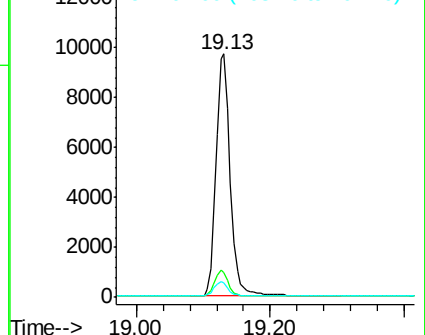
104 5.7 4.7 7.1



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: 0.388 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

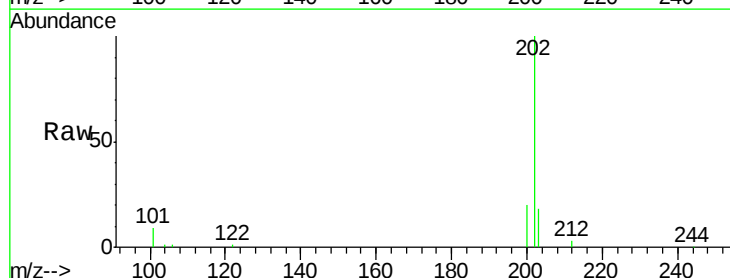
Tgt Ion:202 Resp: 17930

Ion Ratio Lower Upper

202 100

101 9.3 7.5 11.3

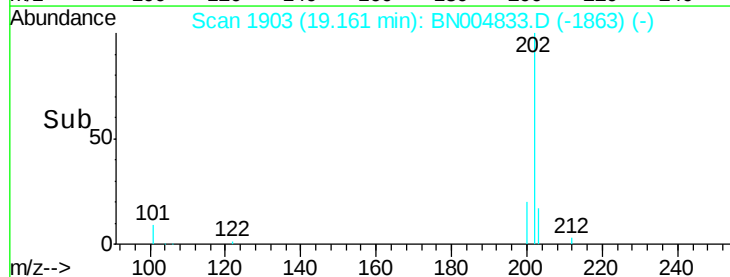
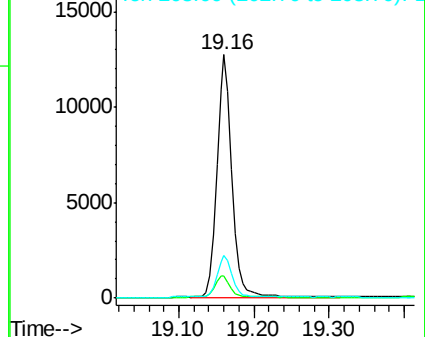
203 17.4 13.8 20.6

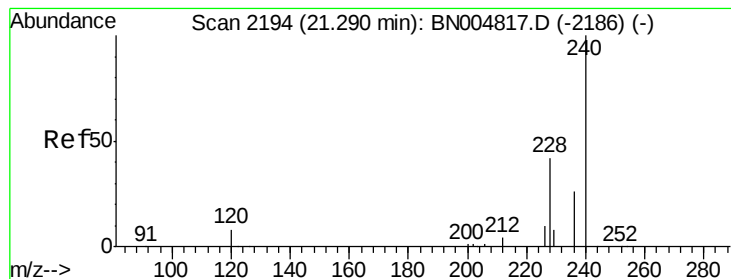


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

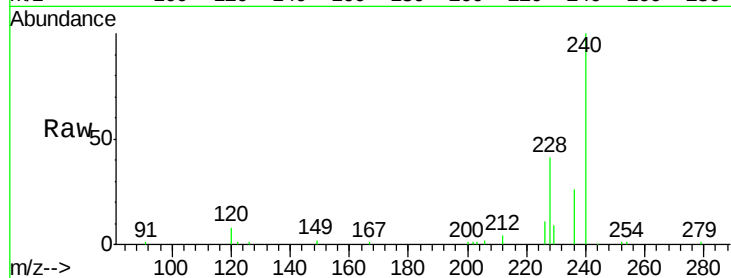
Tot Ion:240 Resp: 15272

Ion Ratio Lower Upper

240 100

120 8.1 7.2 10.8

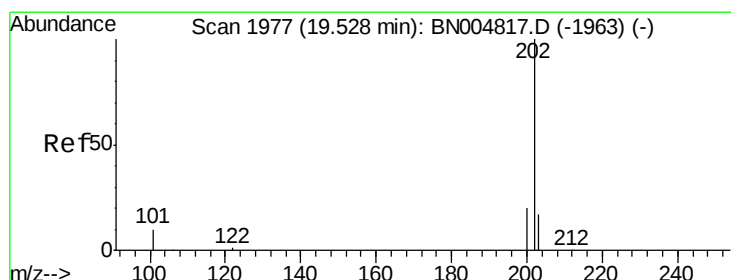
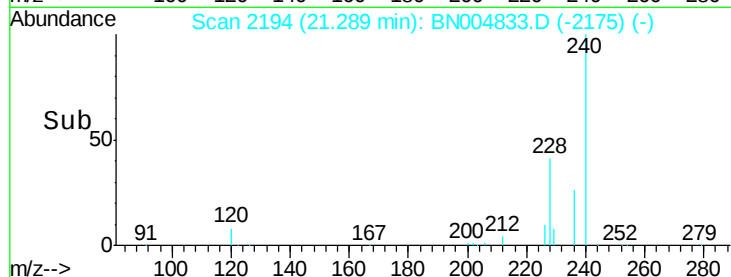
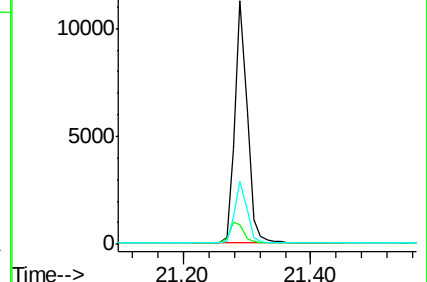
236 26.1 20.9 31.3



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: BN004833.D

Acq: 20 Mar 2019 23:29

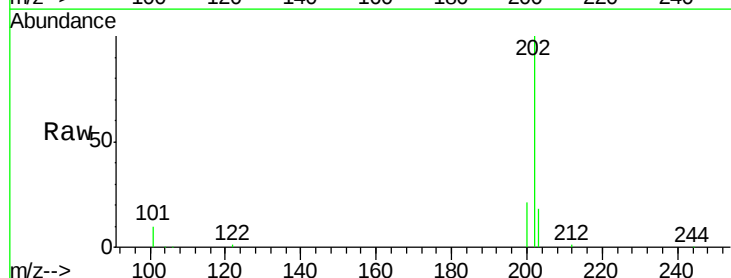
Tgt Ion:202 Resp: 18368

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

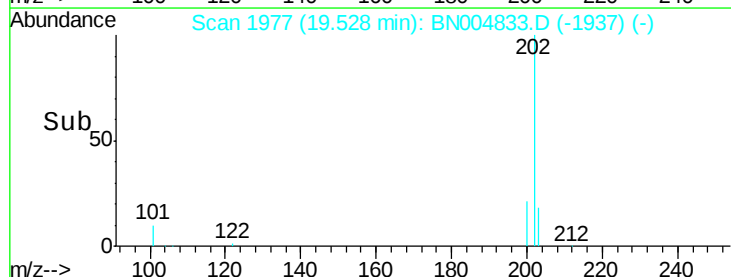
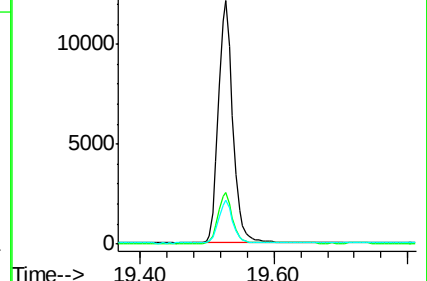
203 17.5 14.0 21.0

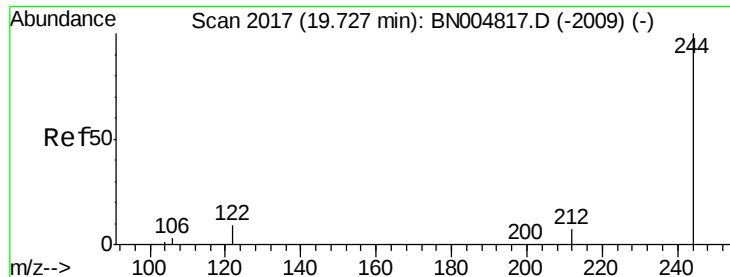


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

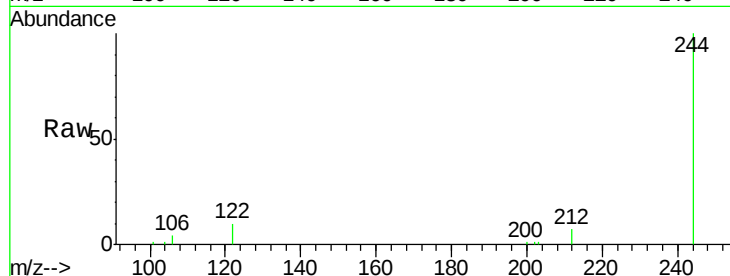
Tot Ion:244 Resp: 12473

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

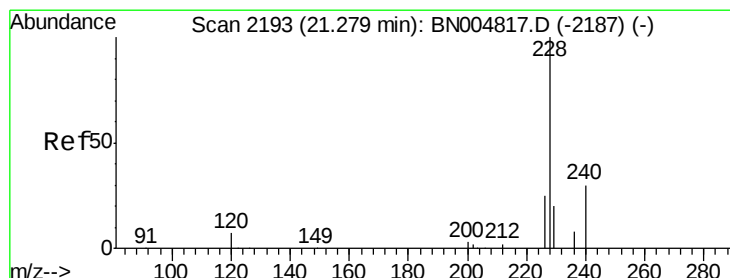
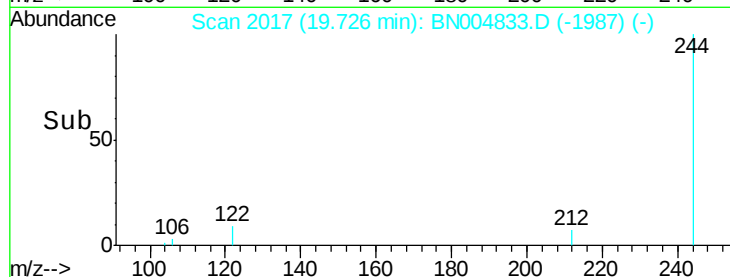
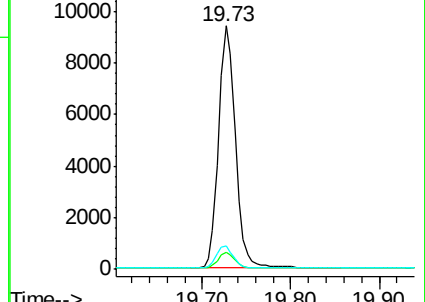
122 9.6 7.9 11.9



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: BN004833.D

Acq: 20 Mar 2019 23:29

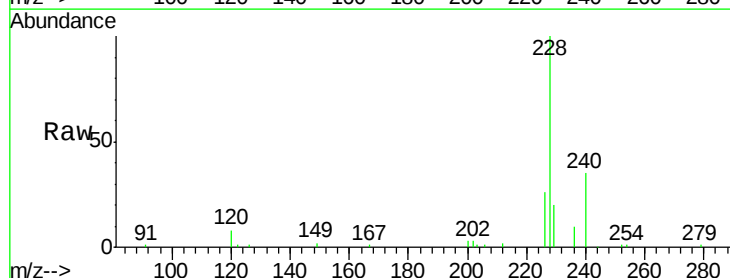
Tgt Ion:228 Resp: 18465

Ion Ratio Lower Upper

228 100

226 26.0 20.6 31.0

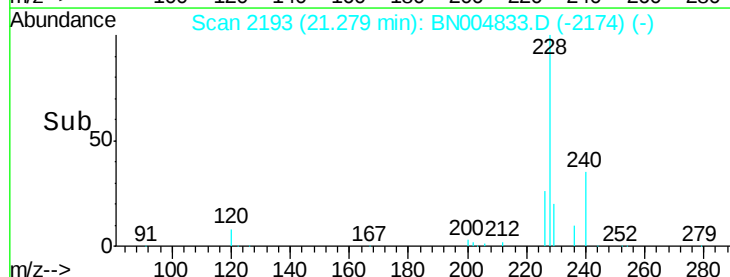
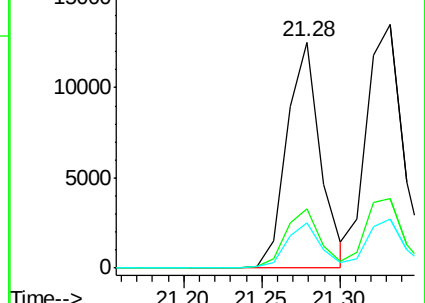
229 19.9 16.2 24.4

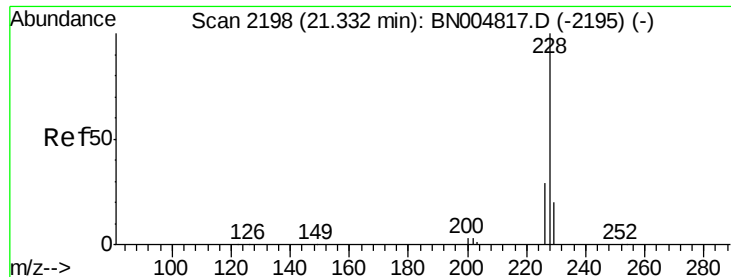


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.410 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

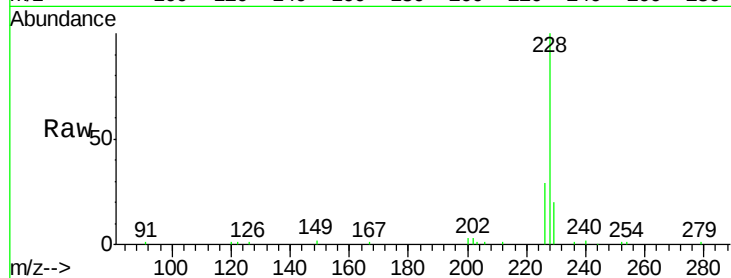
Tot Ion:228 Resp: 21644

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

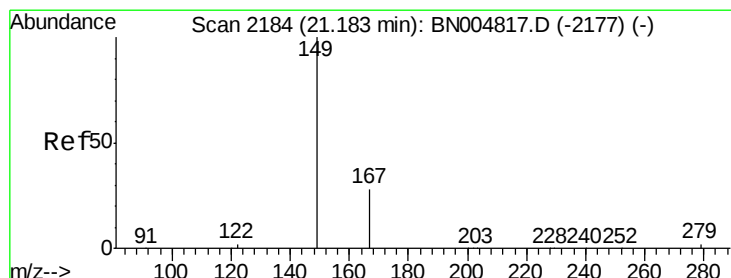
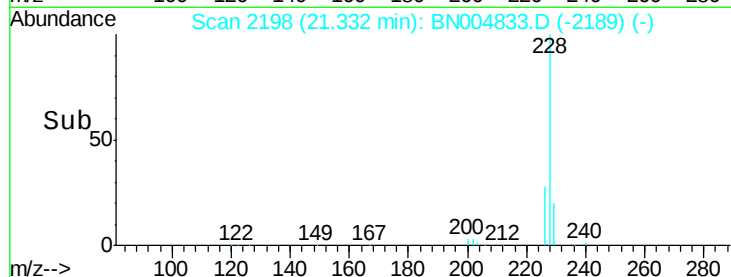
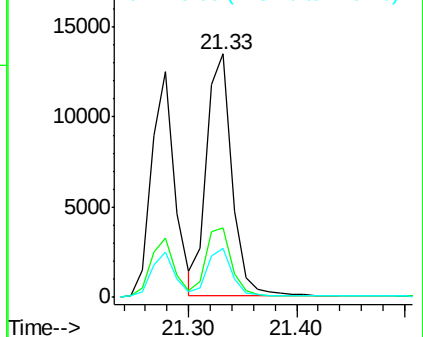
229 20.1 16.2 24.2



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: 0.369 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

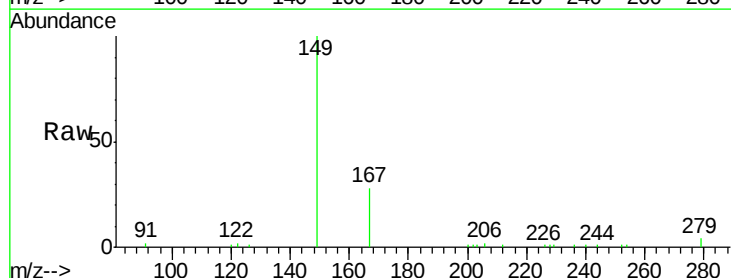
Tgt Ion:149 Resp: 7382

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

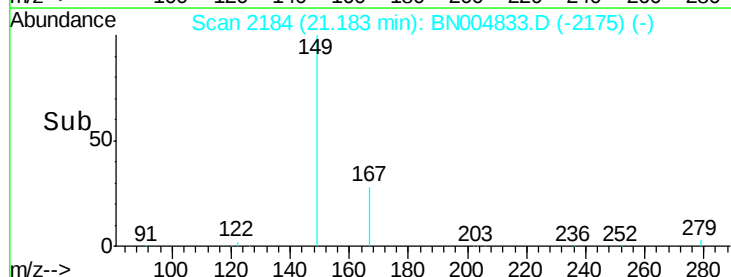
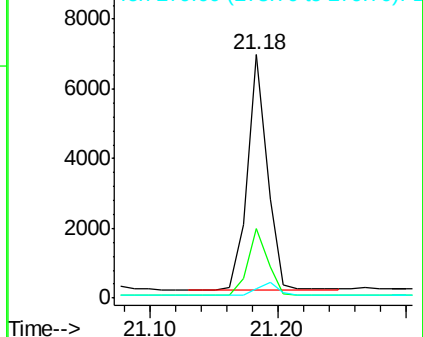
279 5.7 4.6 6.8

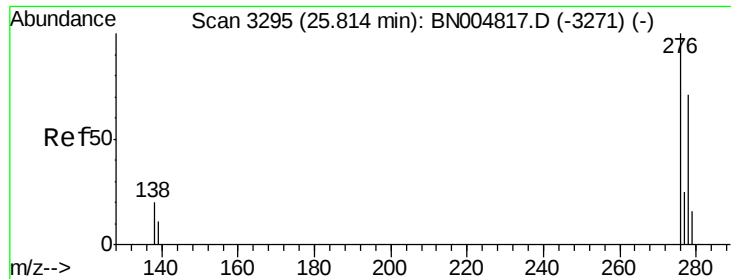


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.406 ng

RT: 25.81 min Scan# 3295

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

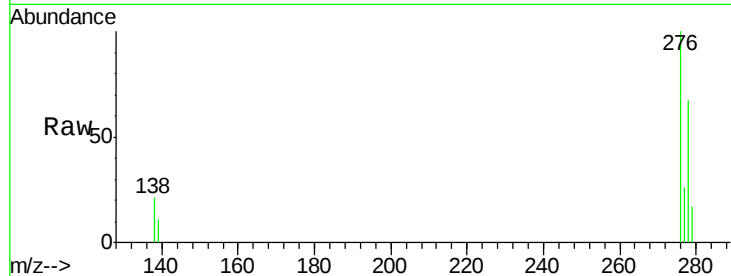
Tot Ion:276 Resp: 31013

Ion Ratio Lower Upper

276 100

138 20.6 16.6 24.8

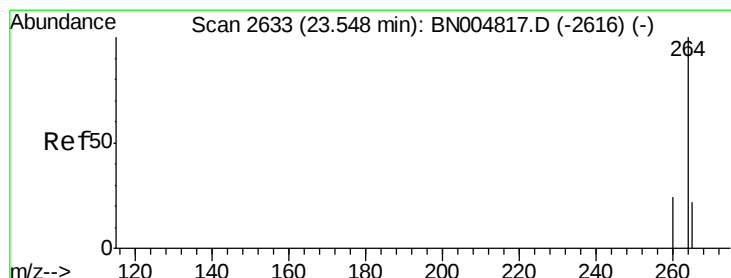
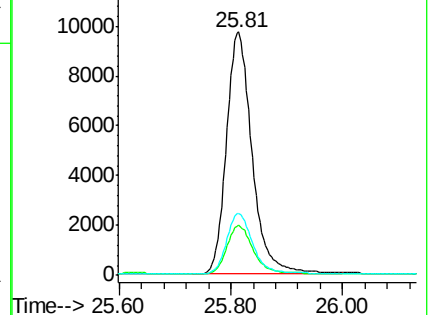
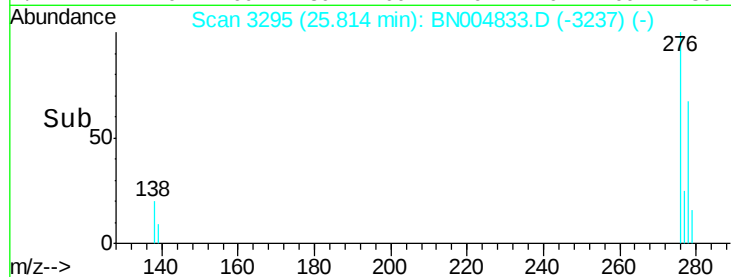
277 25.4 20.3 30.5



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: BN004833.D

Acq: 20 Mar 2019 23:29

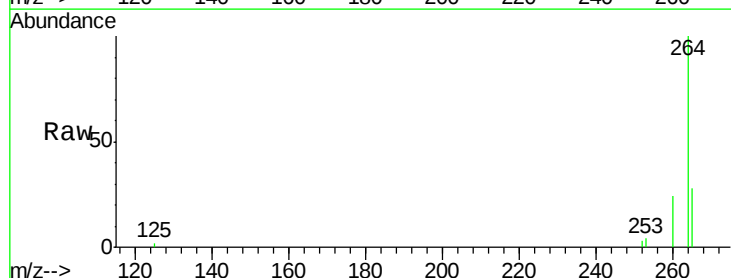
Tgt Ion:264 Resp: 16679

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

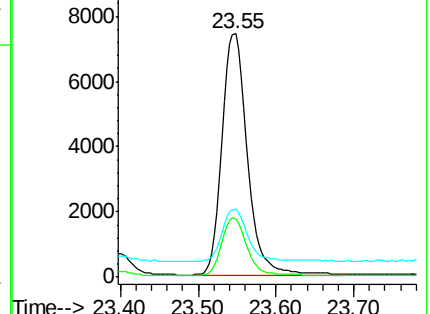
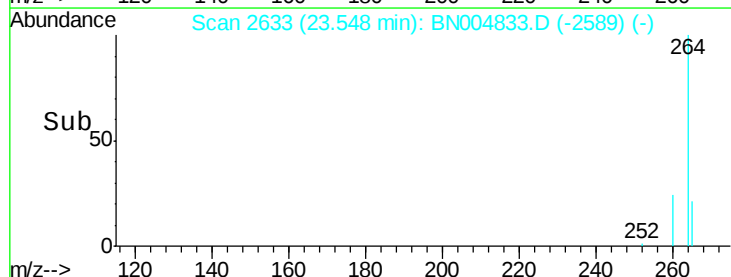
265 27.8 23.1 34.7

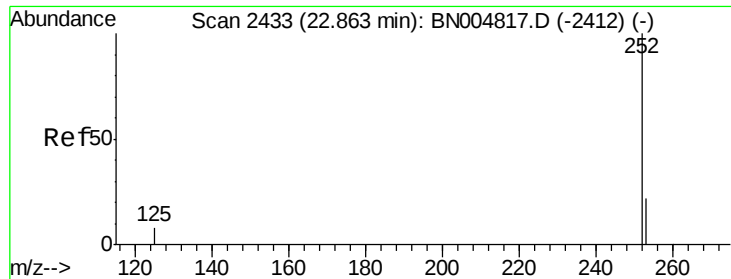


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.415 ng

RT: 22.86 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

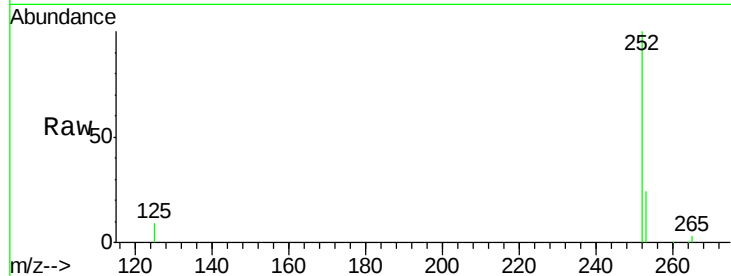
Tot Ion:252 Resp: 25051

Ion Ratio Lower Upper

252 100

253 23.6 19.0 28.4

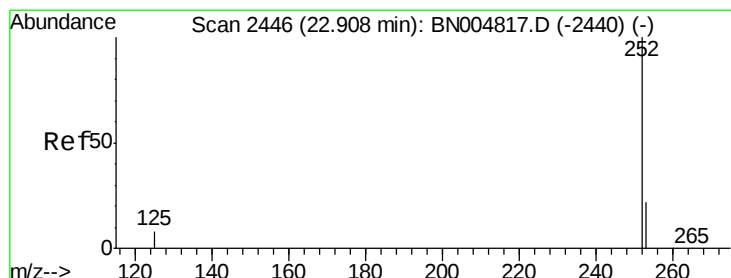
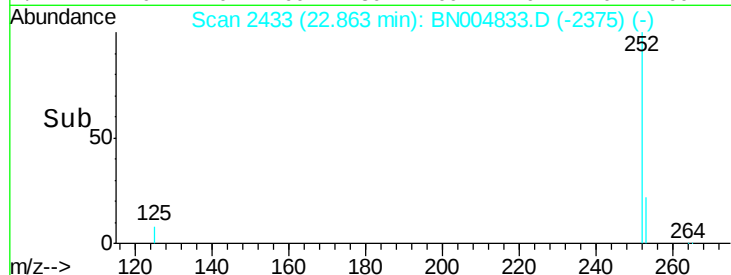
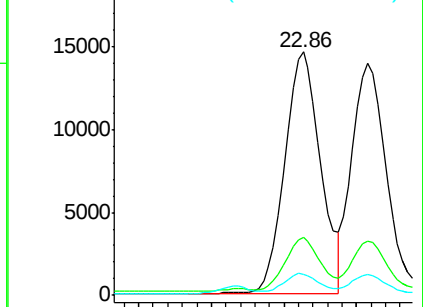
125 8.8 7.4 11.2



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: 0.392 ng

RT: 22.91 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

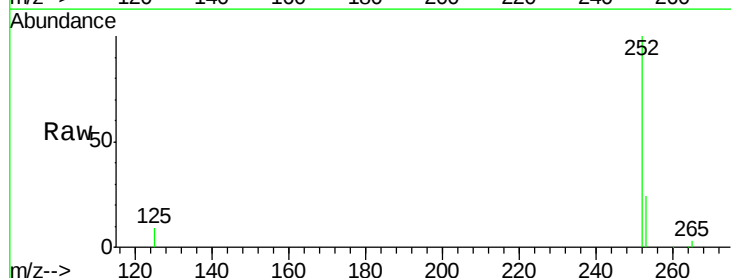
Tgt Ion:252 Resp: 23296

Ion Ratio Lower Upper

252 100

253 23.6 19.3 28.9

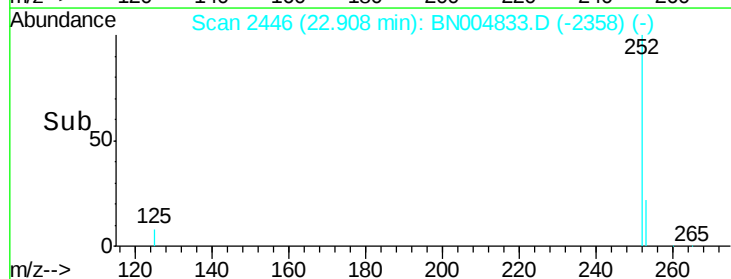
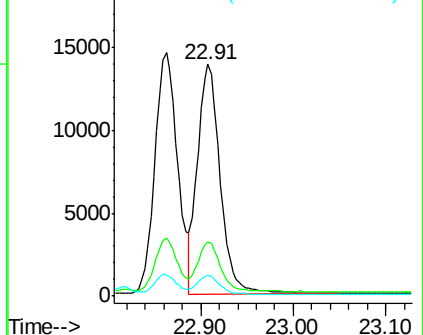
125 9.0 7.4 11.0

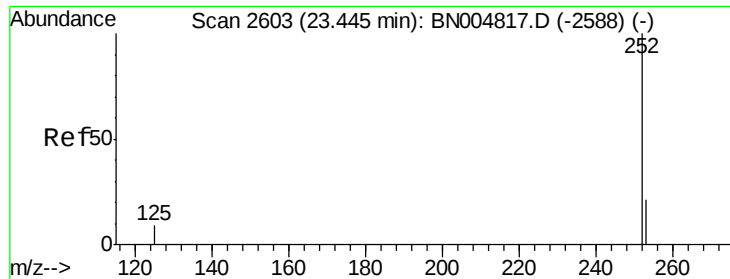


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.396 ng

RT: 23.45 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

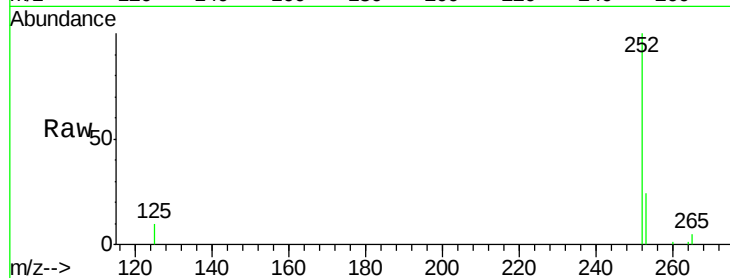
Tot Ion:252 Resp: 21926

Ion Ratio Lower Upper

252 100

253 24.3 19.7 29.5

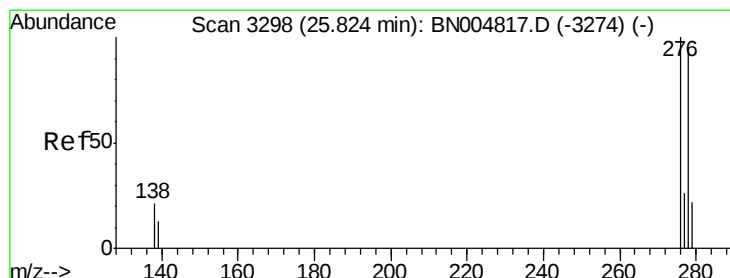
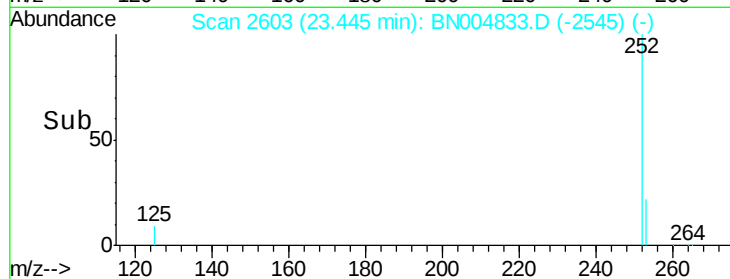
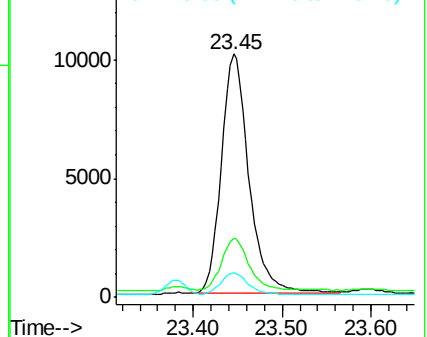
125 10.1 8.3 12.5



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: 0.398 ng

RT: 25.83 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

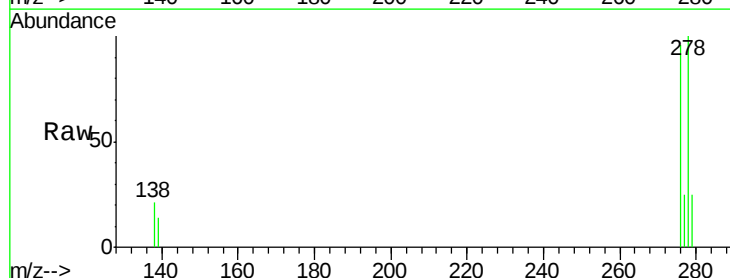
Tgt Ion:278 Resp: 25525

Ion Ratio Lower Upper

278 100

139 14.4 11.7 17.5

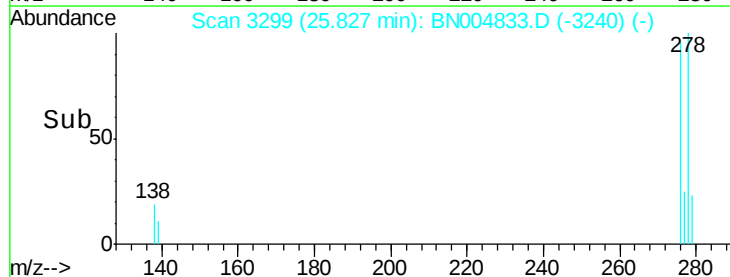
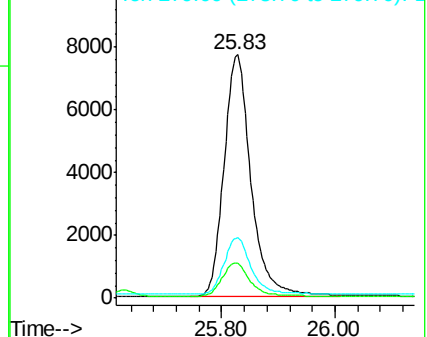
279 24.8 19.9 29.9

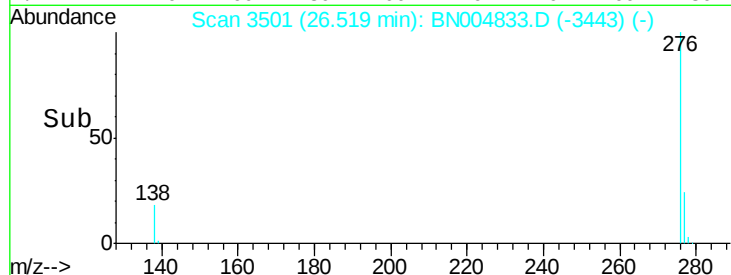
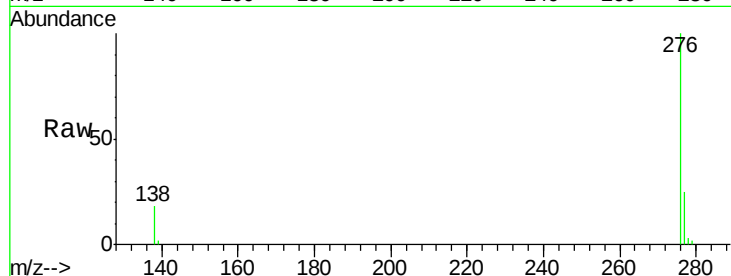
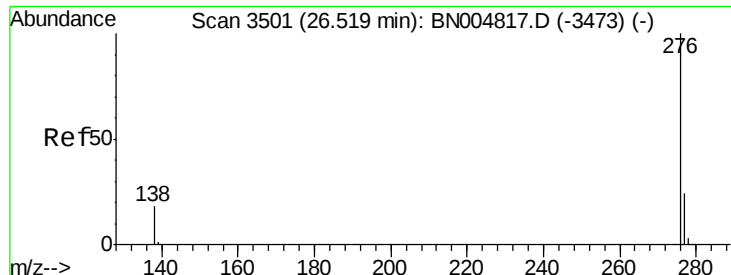


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.398 ng

RT: 26.52 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

Tot Ion: 276 Resp: 25969

Ion Ratio Lower Upper

276 100

277 24.7 19.7 29.5

138 18.2 14.6 22.0

