

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004825.D
 Acq On : 20 Mar 2019 18:44
 Operator : JU/SJ
 Sample : PB117833BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB117833BL

Quant Time: Mar 21 08:47:17 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	1839	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	7374	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4343	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	12588	0.40	ng	0.01
27) Chrysene-d12	21.30	240	18060	0.40	ng	0.01
34) Perylene-d12	23.55	264	20927	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	1296	0.26	ng	0.00
5) Phenol-d6	6.89	99	1501	0.24	ng	0.00
8) Nitrobenzene-d5	8.88	82	1088	0.22	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	2841	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	580	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.96	172	4587	0.26	ng	0.00
25) Fluoranthene-d10	19.14	212	10064	0.24	ng	0.00
29) Terphenyl-d14	19.73	244	10015	0.27	ng	0.00

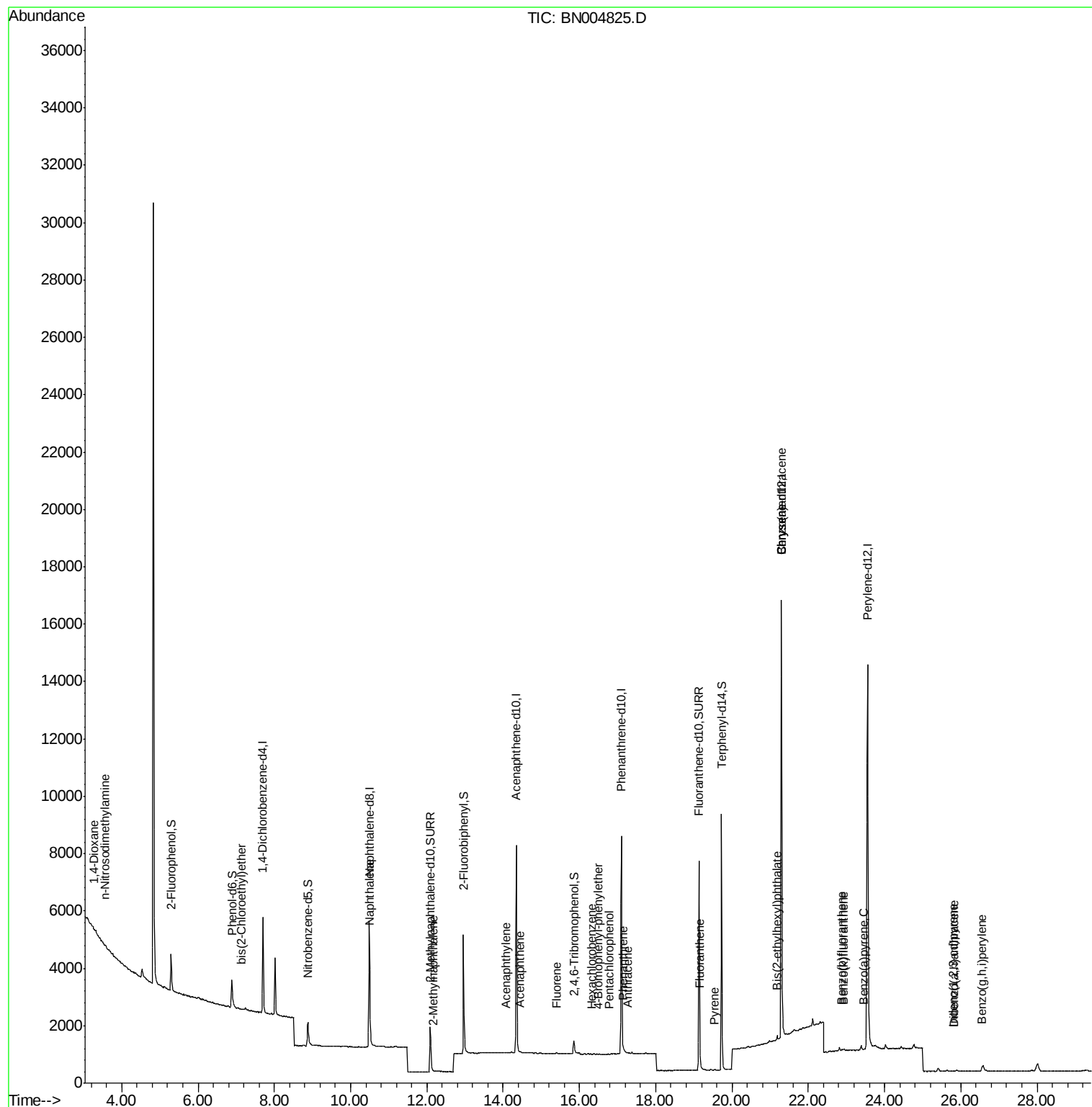
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	4	0.002	ng	# 1
3) n-Nitrosodimethylamine	3.57	42	52	0.042	ng	# 1
6) bis(2-Chloroethyl)ether	7.14	93	3	0.001	ng	# 1
9) Naphthalene	10.50	128	12	0.001	ng	# 1
12) 2-Methylnaphthalene	12.16	142	3	0.000	ng	# 50
16) Acenaphthylene	14.07	152	13	0.001	ng	# 68
17) Acenaphthene	14.44	154	2	0.000	ng	# 4
18) Fluorene	15.40	166	7	0.000	ng	# 68
20) 4-Bromophenyl-phenylether	16.49	248	1	0.000	ng	# 73
21) Hexachlorobenzene	16.33	284	4	0.000	ng	# 47
22) Pentachlorophenol	16.77	266	1	0.001	ng	# 65
23) Phenanthrene	17.14	178	36	0.001	ng	# 82
24) Anthracene	17.26	178	8	0.000	ng	# 1
26) Fluoranthene	19.17	202	23	0.000	ng	# 65
28) Pyrene	19.54	202	27	0.000	ng	# 72
30) Benzo(a)anthracene	21.30	228	86	0.001	ng	# 12
31) Chrysene	21.30	228	71	0.001	ng	# 18
32) Bis(2-ethylhexyl)phthalate	21.18	149	256	0.011	ng	# 87
33) Indeno(1,2,3-cd)pyrene	25.81	276	3	0.000	ng	# 35
35) Benzo(b)fluoranthene	22.88	252	37	0.000	ng	# 1
36) Benzo(k)fluoranthene	22.94	252	19	0.000	ng	# 1
37) Benzo(a)pyrene	23.45	252	11	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	25.83	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.54	276	4	0.000	ng	# 1

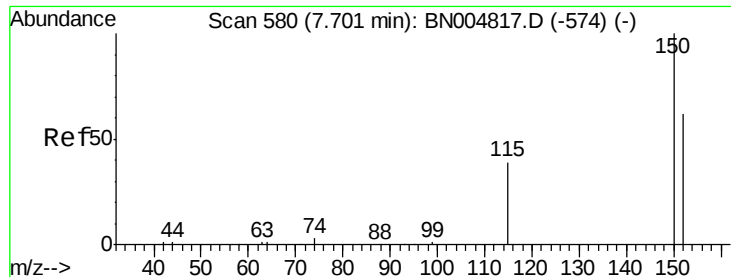
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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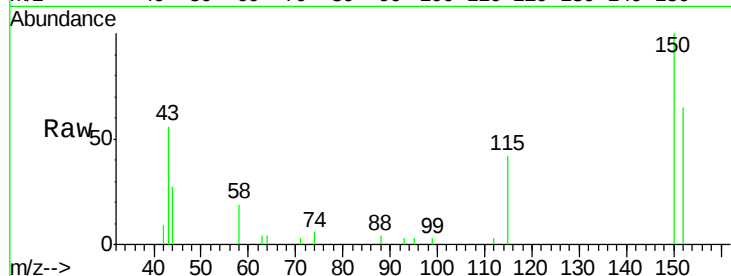


#1

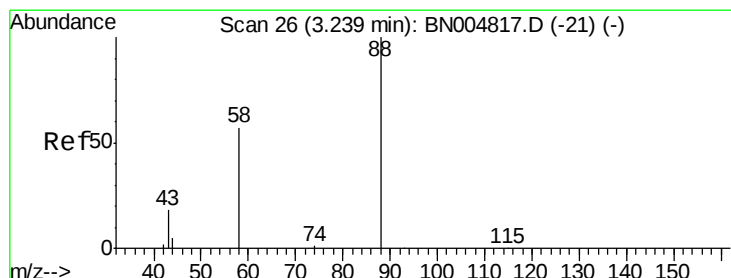
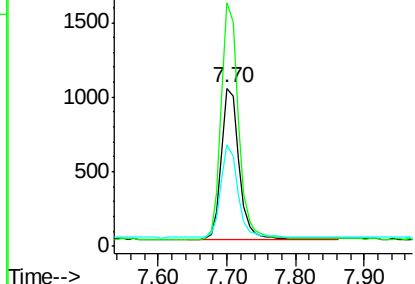
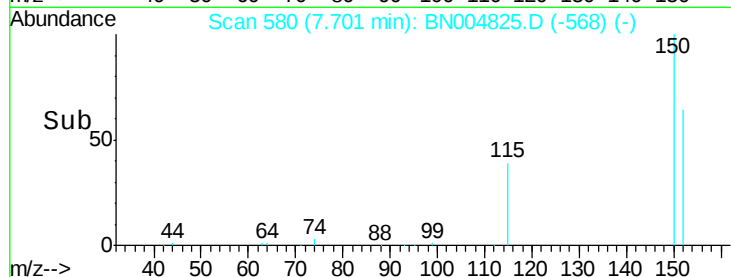
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN004825.D
Acq: 20 Mar 2019 18:44

Instrument :
BNA_N
ClientSampleId :
PB117833BL

Tot Ion:152 Resp: 1839
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.4
115 64.3 52.6 79.0



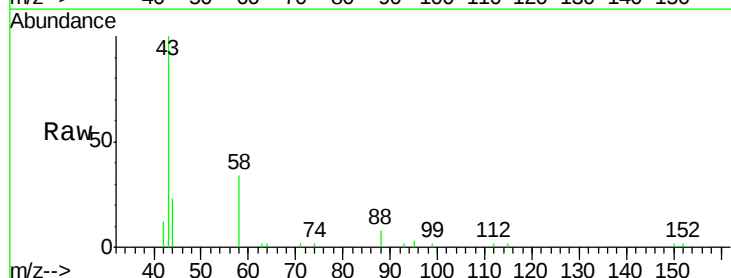
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



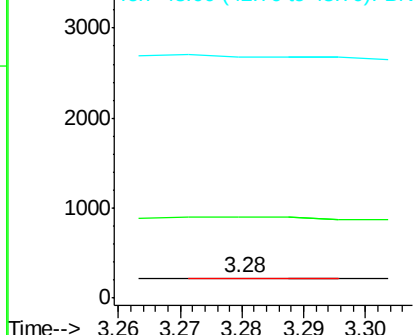
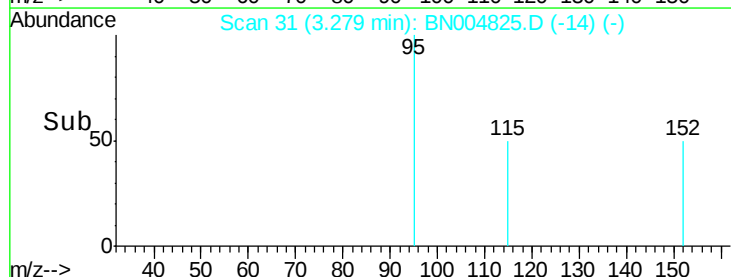
#2

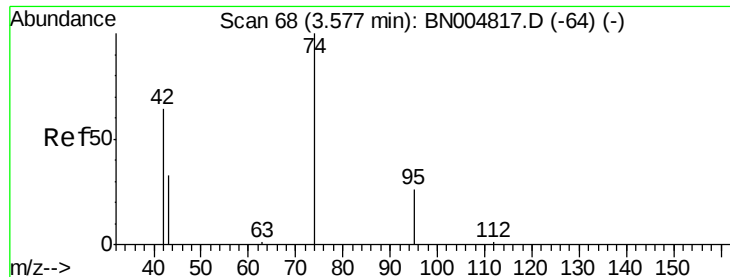
1,4-Dioxane
Concen: 0.002 ng
RT: 3.28 min Scan# 31
Delta R.T. 0.04 min
Lab File: BN004825.D
Acq: 20 Mar 2019 18:44

Tgt Ion: 88 Resp: 4
Ion Ratio Lower Upper
88 100
58 875.0 51.4 77.2#
43 0.0 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



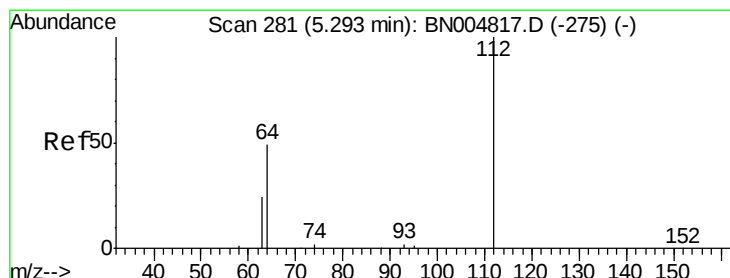
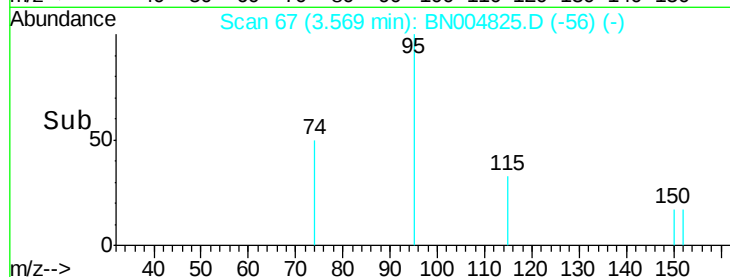
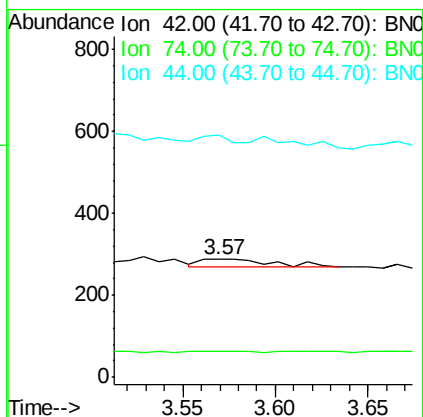
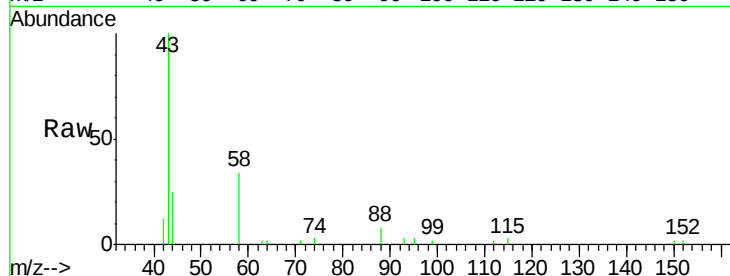


#3

n-Nitrosodimethylamine
 Concen: 0.042 ng
 RT: 3.57 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BN004825.D
 Acq: 20 Mar 2019 18:44

Instrument :
 BNA_N
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 PB117833BL

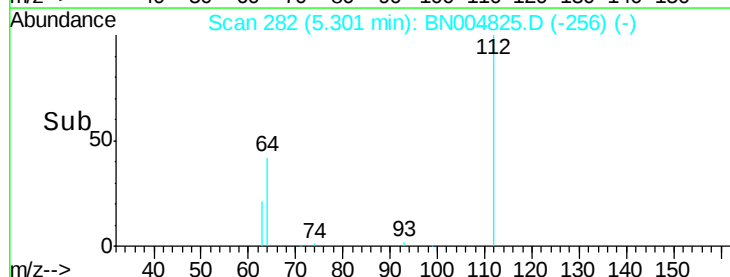
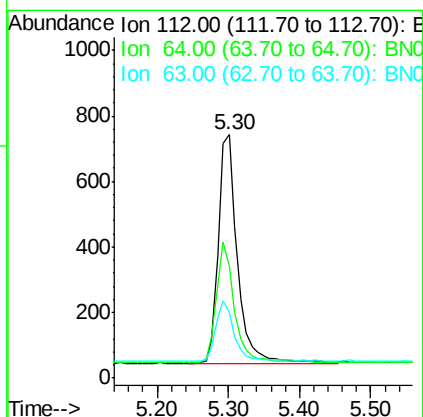
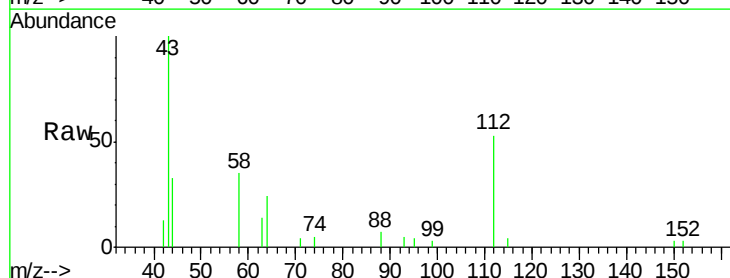
Tot Ion	Ratio	Lower	Upper
42	100		
74	15.4	128.4	192.6#
44	34.6	6.1	9.1#

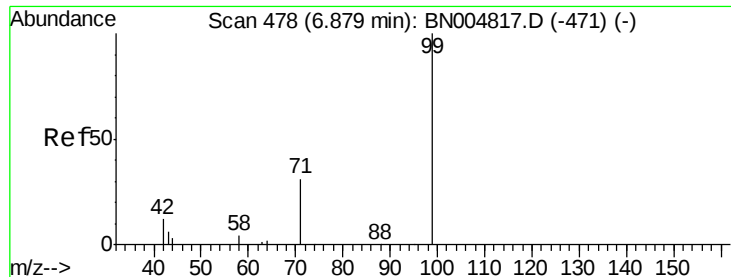


#4

2-Fluorophenol
 Concen: 0.259 ng
 RT: 5.30 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: BN004825.D
 Acq: 20 Mar 2019 18:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.9	40.0	60.0
63	26.9	20.2	30.2





#5

Phenol-d6

Concen: 0.241 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

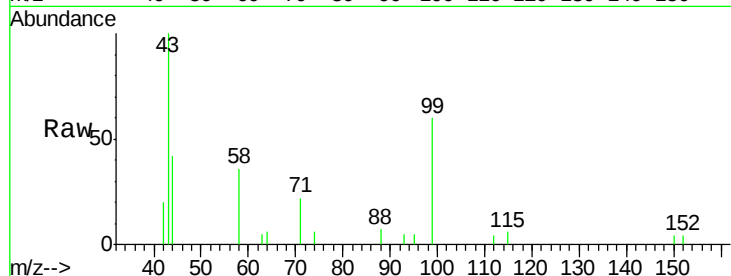
Tot Ion: 99 Resp: 1501

Ion Ratio Lower Upper

99 100

42 15.0 12.7 19.1

71 32.9 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) (-)

6.89

800

600

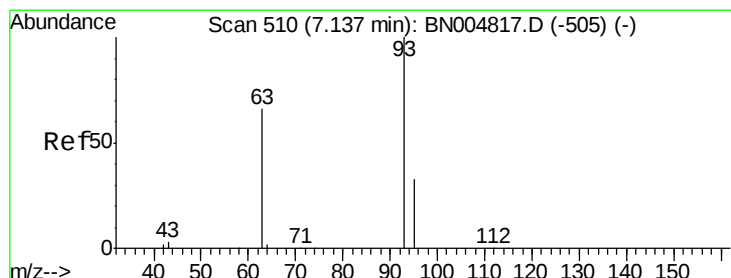
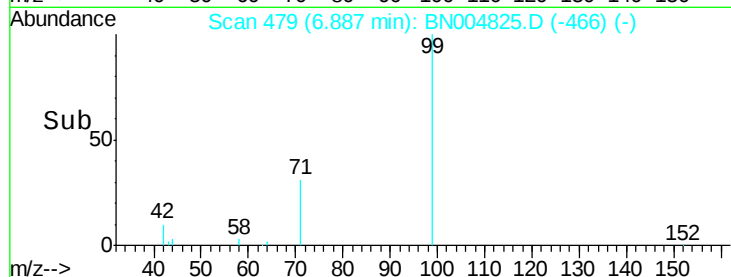
400

200

0

6.80 6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.14 min Scan# 510

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

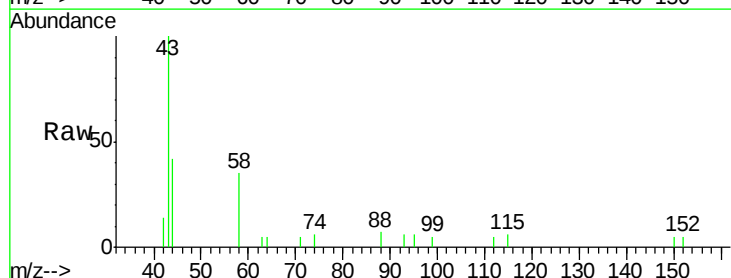
Tgt Ion: 93 Resp: 3

Ion Ratio Lower Upper

93 100

63 0.0 52.6 78.8#

95 133.3 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) (-)

7.14

80

60

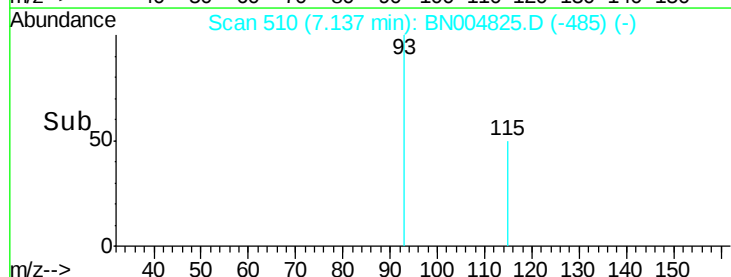
40

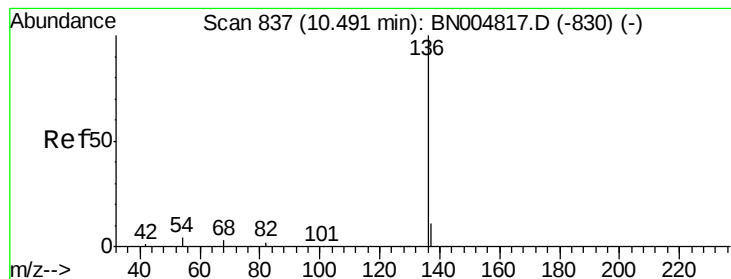
20

0

7.12 7.14 7.16

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

Tot Ion:136 Resp: 7374

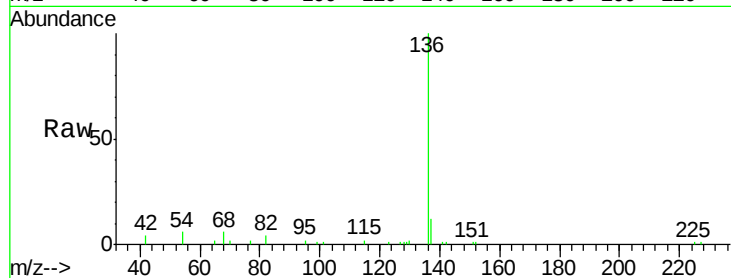
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 6.4 4.2 6.2#

68 5.8 3.9 5.9

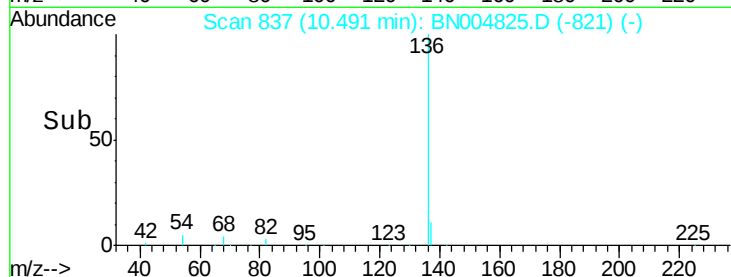


Abundance Ion 136.00 (135.70 to 136.70): E

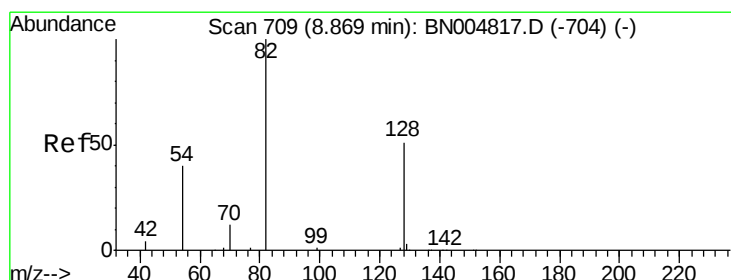
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.223 ng

RT: 8.88 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

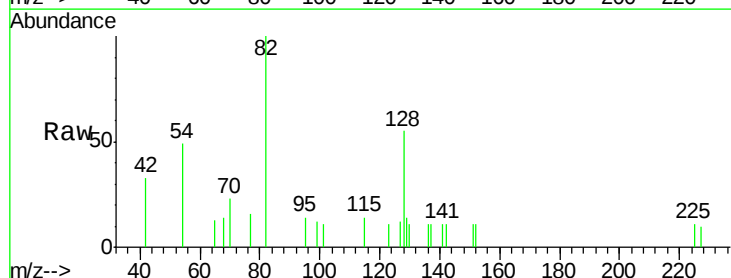
Tgt Ion: 82 Resp: 1088

Ion Ratio Lower Upper

82 100

128 55.1 43.0 64.6

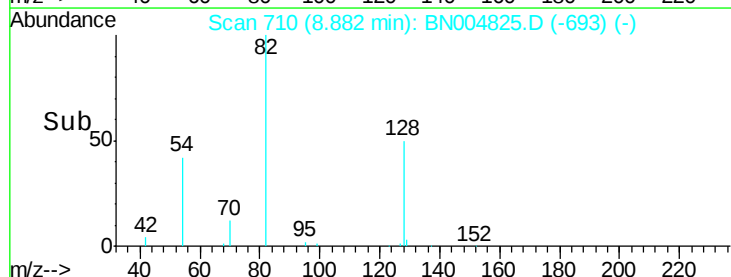
54 49.1 35.3 52.9



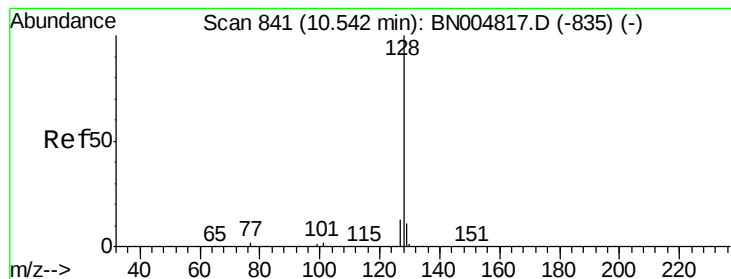
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.001 ng

RT: 10.50 min Scan# 838

Delta R.T. -0.04 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

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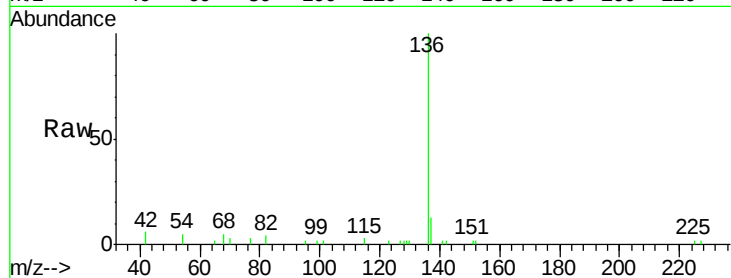
Tot Ion:128 Resp: 12

Ion Ratio Lower Upper

128 100

129 90.7 9.9 14.9#

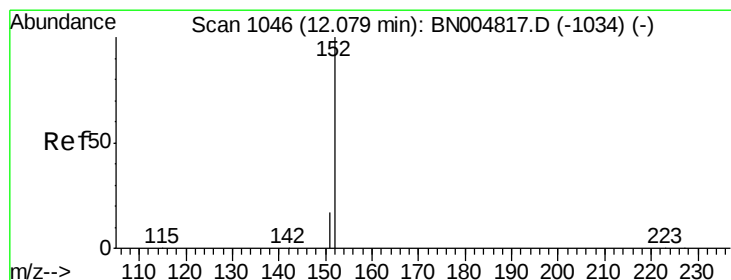
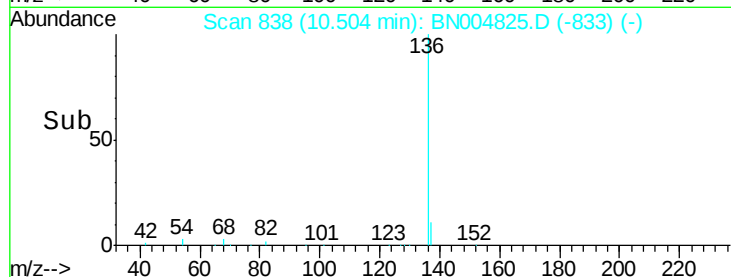
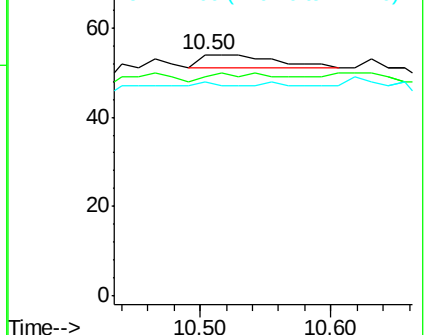
127 88.9 11.3 16.9#



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



#11

2-Methylnaphthalene-d10

Concen: 0.221 ng

RT: 12.09 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BN004825.D

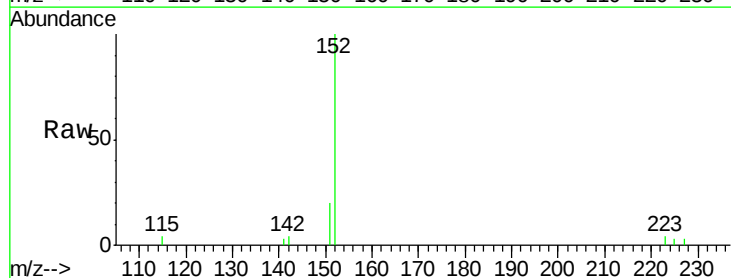
Acq: 20 Mar 2019 18:44

Tgt Ion:152 Resp: 2841

Ion Ratio Lower Upper

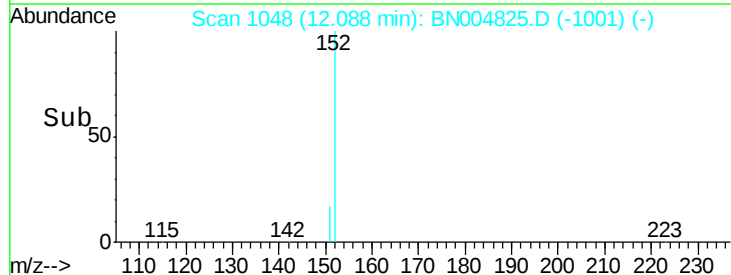
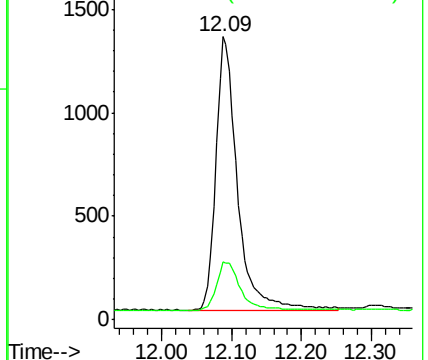
152 100

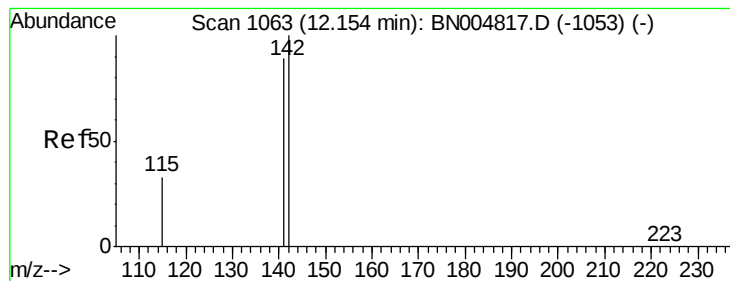
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 12.16 min Scan# 1065

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

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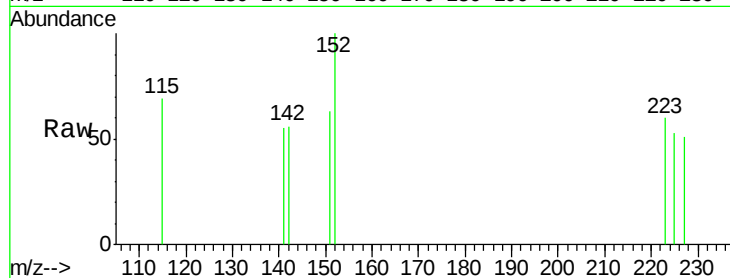
Tot Ion:142 Resp: 3

Ion Ratio Lower Upper

142 100

141 98.0 71.4 107.2

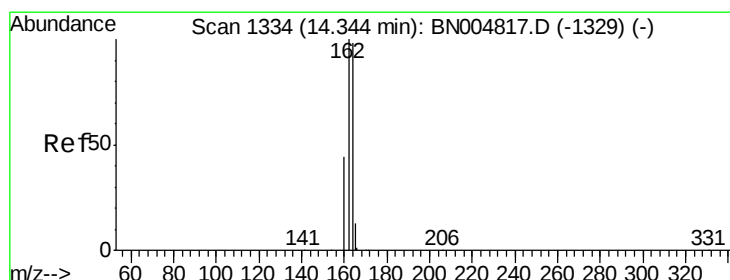
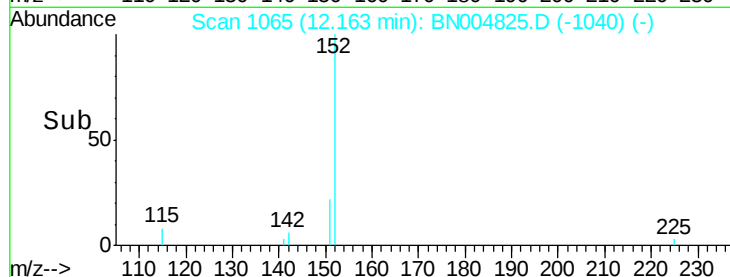
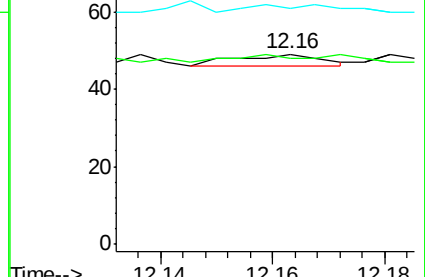
115 124.5 27.5 41.3#



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: BN004825.D

Acq: 20 Mar 2019 18:44

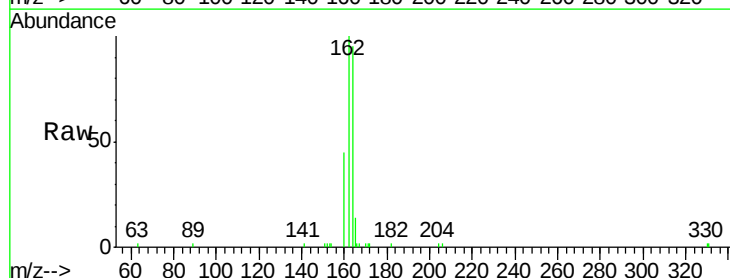
Tgt Ion:164 Resp: 4343

Ion Ratio Lower Upper

164 100

162 105.3 81.9 122.9

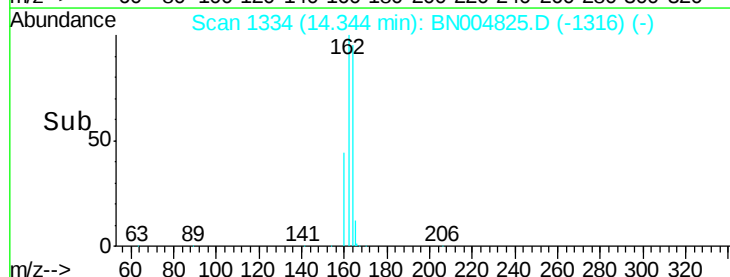
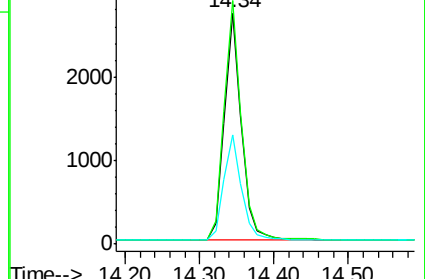
160 47.4 36.6 54.8

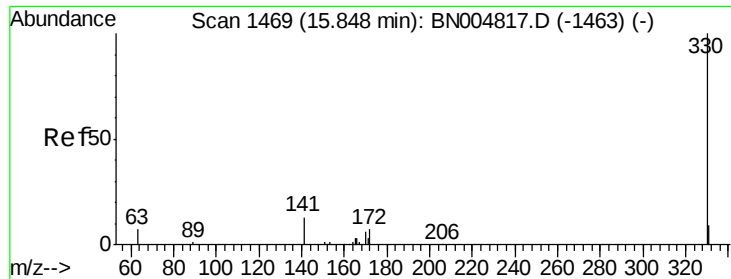


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

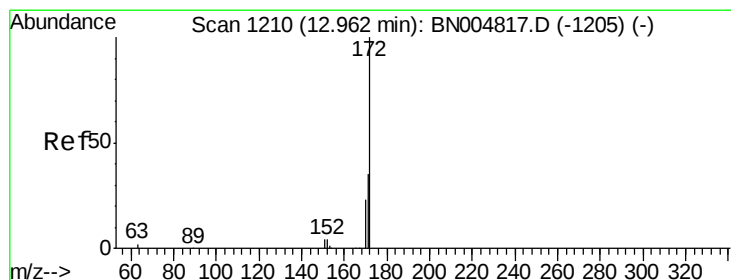
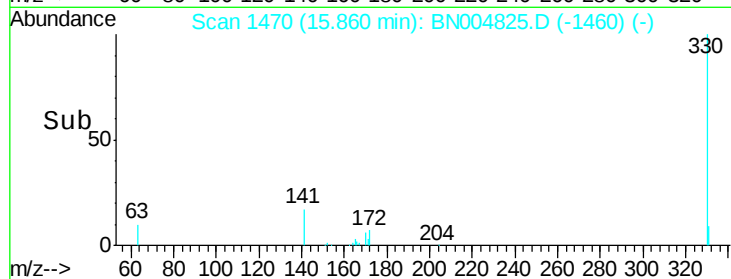
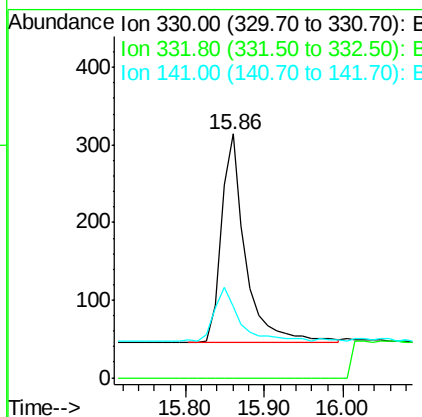
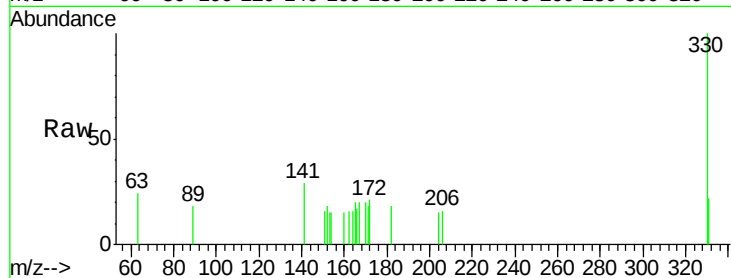




#14
 2,4,6-Tribromophenol
 Concen: 0.193 ng
 RT: 15.86 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BN004825.D
 Acq: 20 Mar 2019 18:44

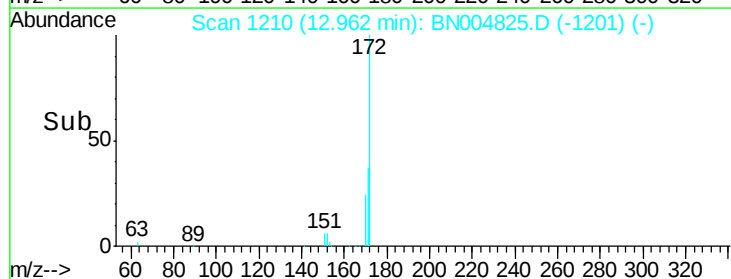
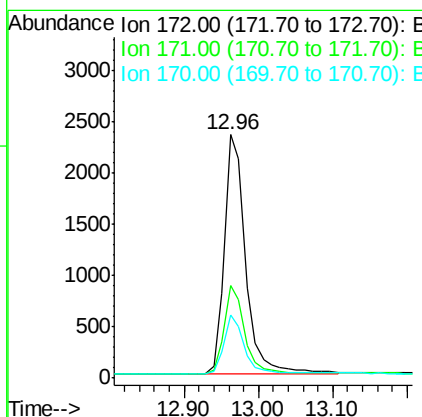
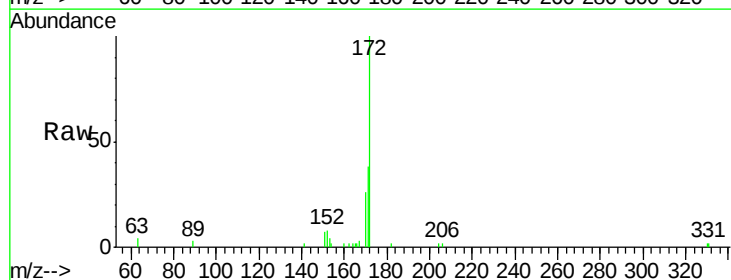
Instrument :
 BNA_N
 ClientSampleId :
 PB117833BL

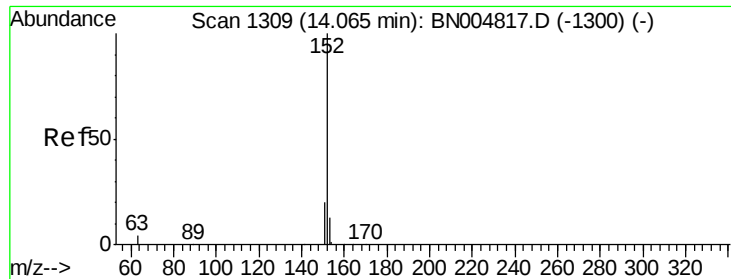
Tot Ion:330 Resp: 580
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 26.9 20.9 31.3



#15
 2-Fluorobiphenyl
 Concen: 0.256 ng
 RT: 12.96 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BN004825.D
 Acq: 20 Mar 2019 18:44

Tgt Ion:172 Resp: 4587
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.7 43.1
 170 25.8 18.7 28.1





#16

Acenaphthylene

Concen: 0.001 ng

RT: 14.07 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampled :

PB117833BL

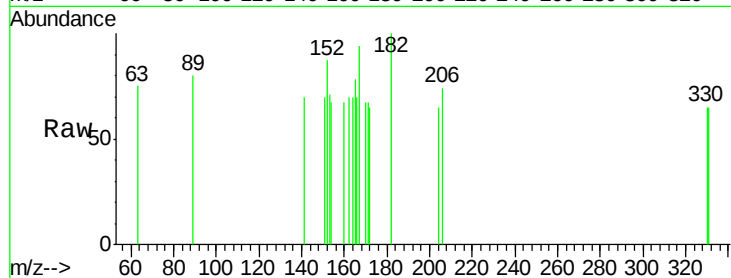
Tot Ion:152 Resp: 13

Ion Ratio Lower Upper

152 100

151 0.0 16.1 24.1#

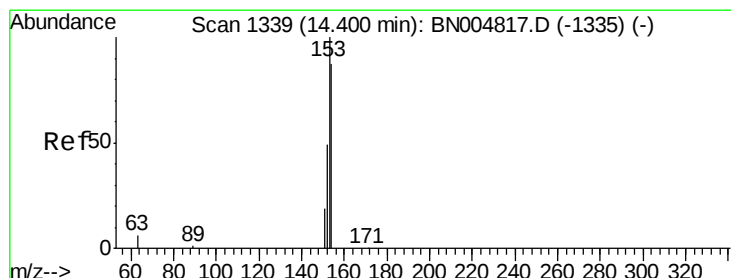
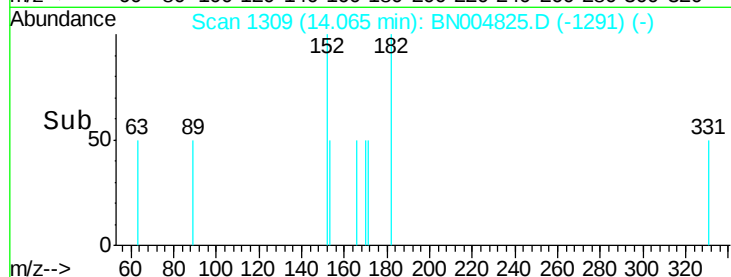
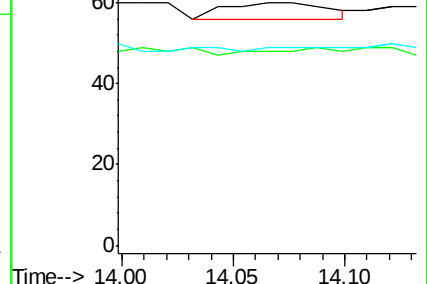
153 7.7 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.000 ng

RT: 14.44 min Scan# 1343

Delta R.T. 0.04 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

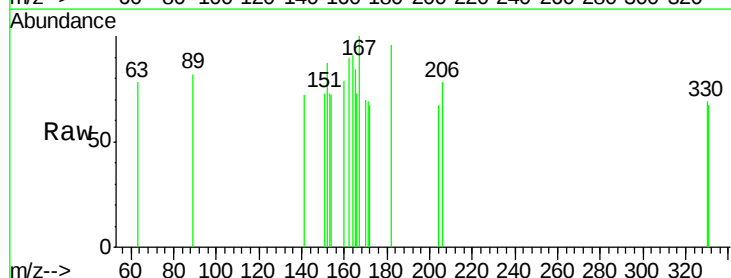
Tgt Ion:154 Resp: 2

Ion Ratio Lower Upper

154 100

153 0.0 91.4 137.2#

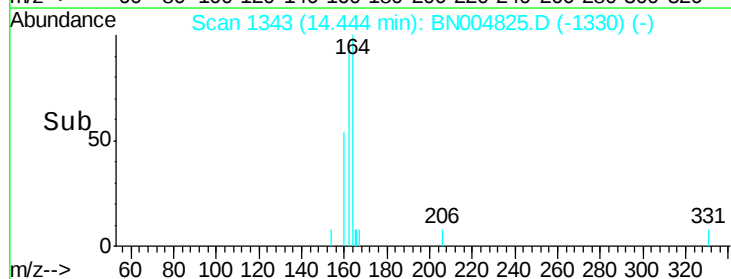
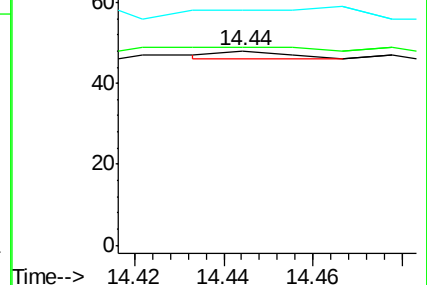
152 0.0 44.2 66.2#

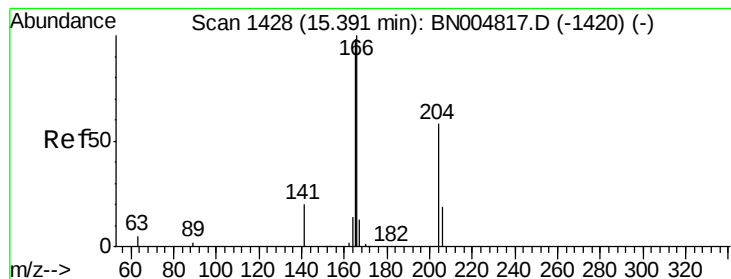


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.000 ng

RT: 15.40 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

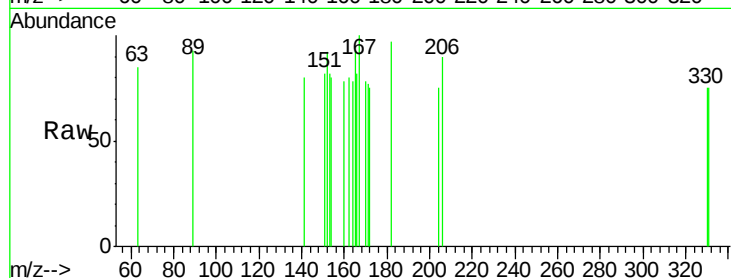
Tot Ion:166 Resp: 7

Ion Ratio Lower Upper

166 100

165 71.4 78.2 117.4#

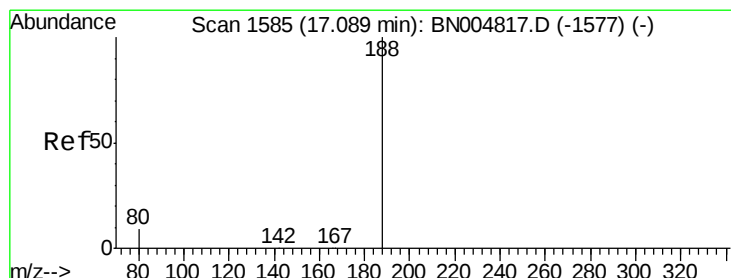
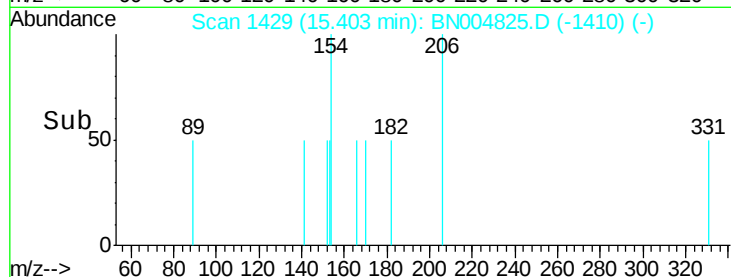
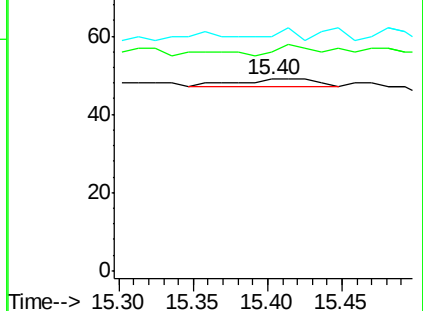
167 42.9 11.0 16.4#



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: 17.10 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

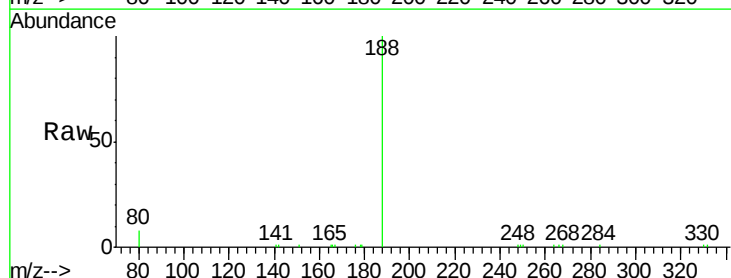
Tgt Ion:188 Resp: 12588

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

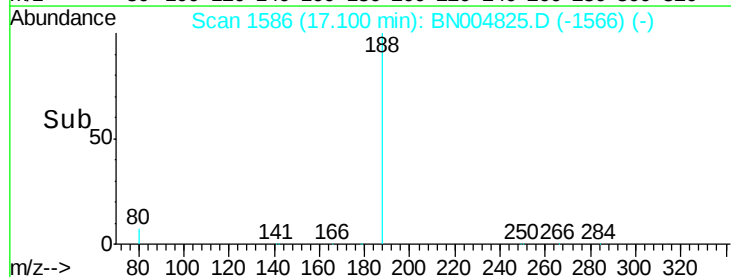
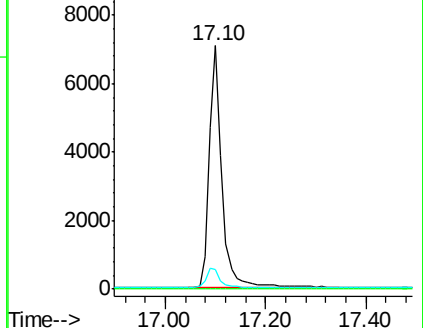
80 7.9 7.4 11.2

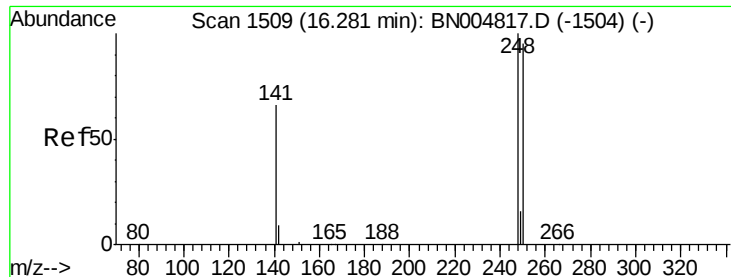


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.49 min Scan# 1529

Delta R.T. 0.21 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

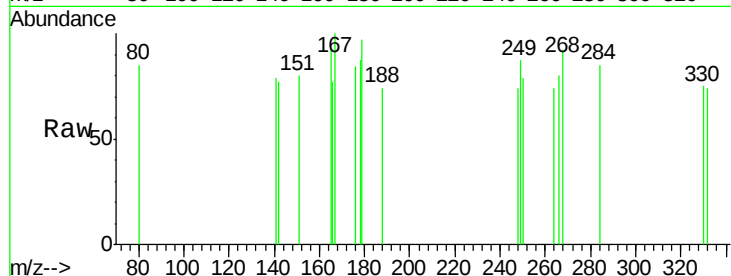
Tot Ion:248 Resp: 1

Ion Ratio Lower Upper

248 100

250 106.7 76.2 114.4

141 106.7 53.9 80.9#



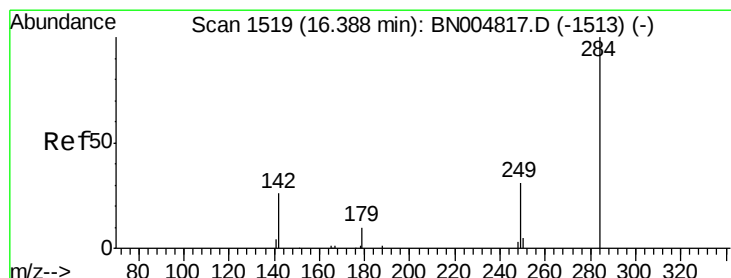
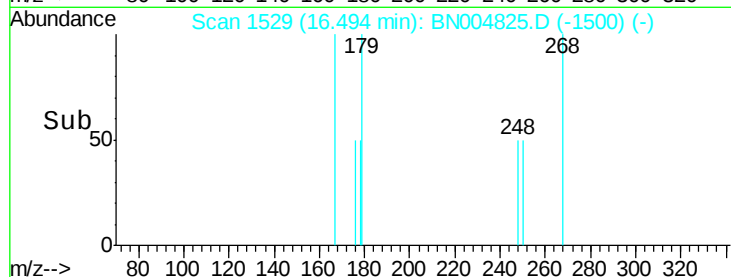
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.49

Time-->



#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.33 min Scan# 1514

Delta R.T. -0.05 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

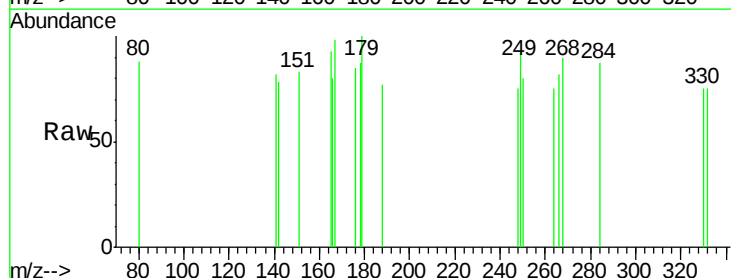
Tgt Ion:284 Resp: 4

Ion Ratio Lower Upper

284 100

142 0.0 22.6 34.0#

249 0.0 22.5 33.7#



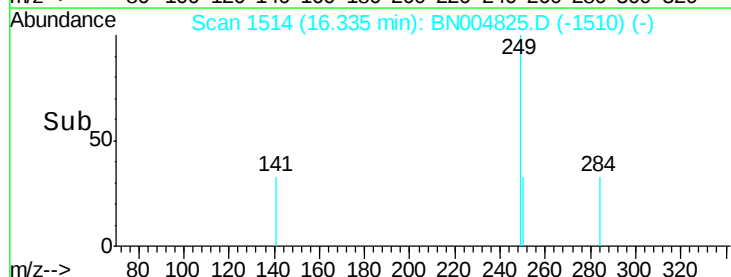
Abundance Ion 283.80 (283.50 to 284.50): E

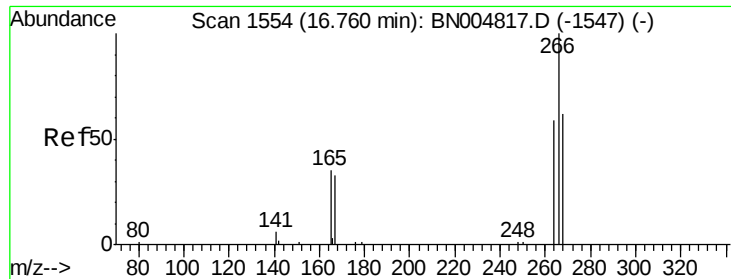
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.33

Time-->





#22

Pentachlorophenol

Concen: 0.001 ng

RT: 16.77 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

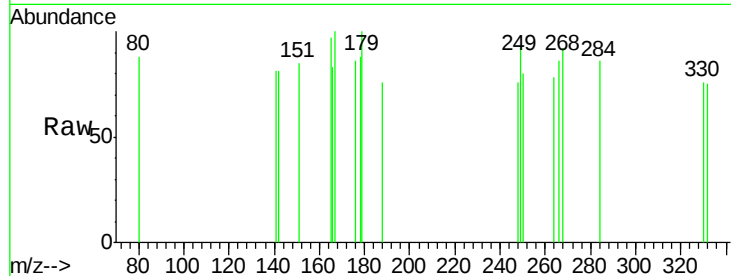
Tot Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 90.2 53.1 79.7#

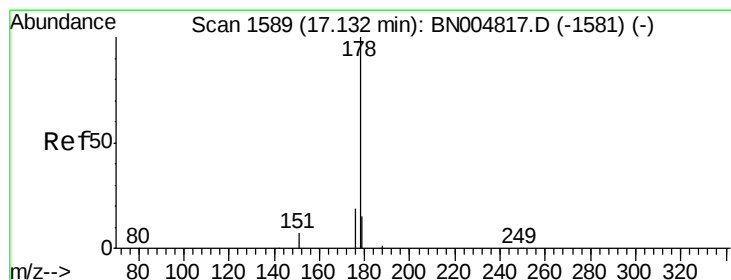
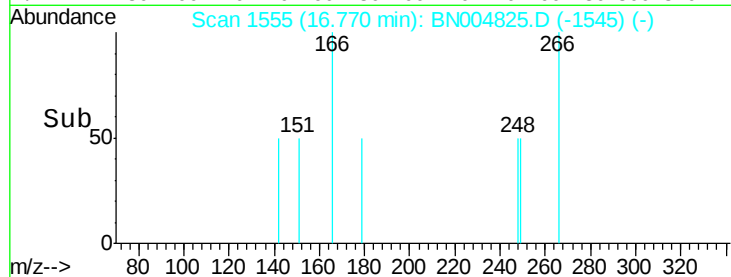
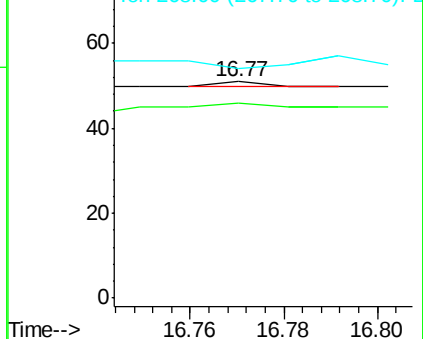
268 105.9 57.7 86.5#



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: 0.001 ng

RT: 17.14 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

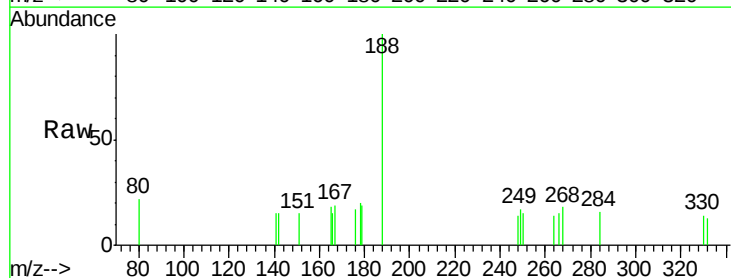
Tgt Ion:178 Resp: 36

Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

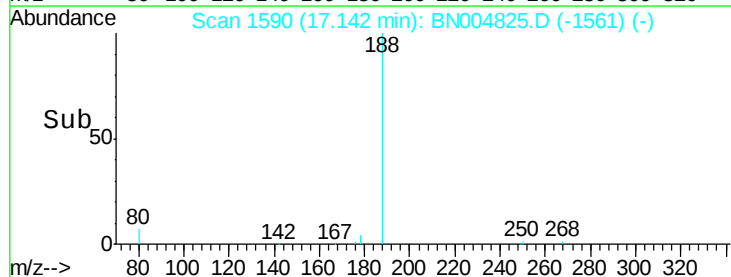
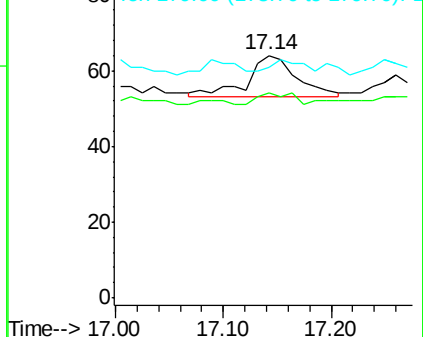
179 30.6 12.1 18.1#

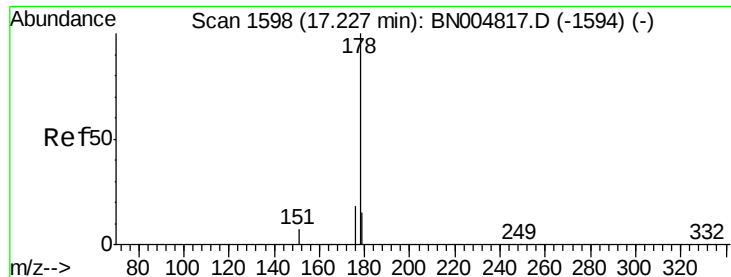


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

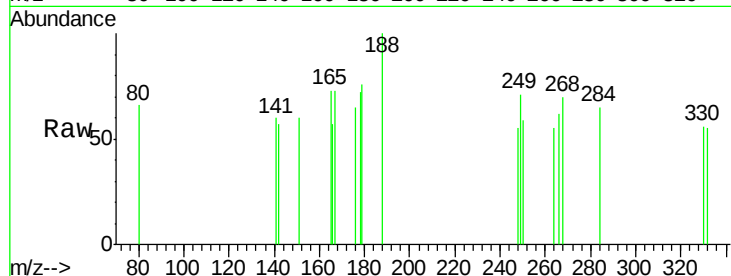




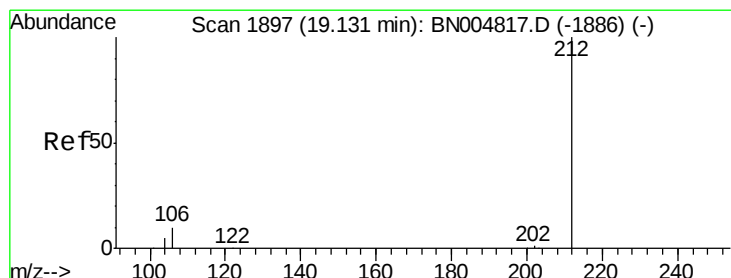
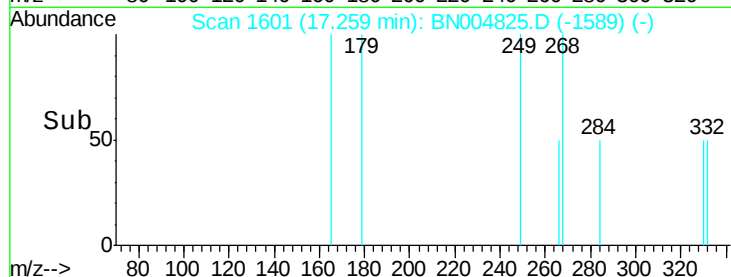
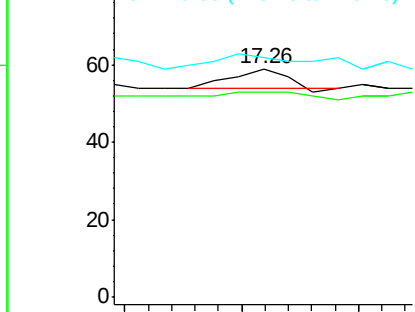
#24
 Anthracene
 Concen: 0.000 ng
 RT: 17.26 min Scan# 1601
 Delta R.T. 0.03 min
 Lab File: BN004825.D
 Acq: 20 Mar 2019 18:44

Instrument :
 BNA_N
 ClientSampleId :
 PB117833BL

Tot Ion:178 Resp: 8
 Ion Ratio Lower Upper
 178 100
 176 50.0 14.5 21.7#
 179 150.0 12.2 18.4#

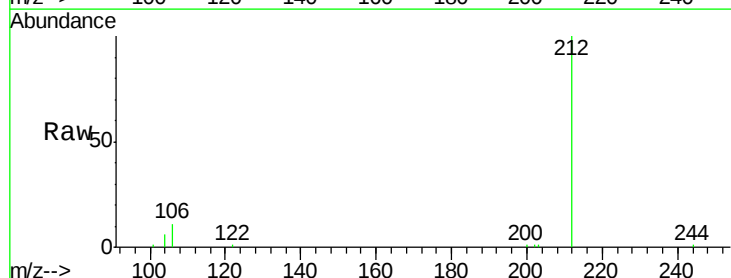


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

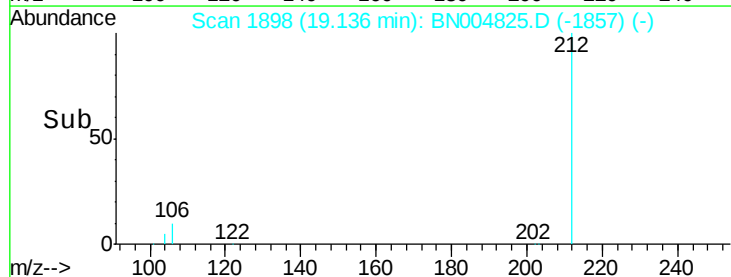
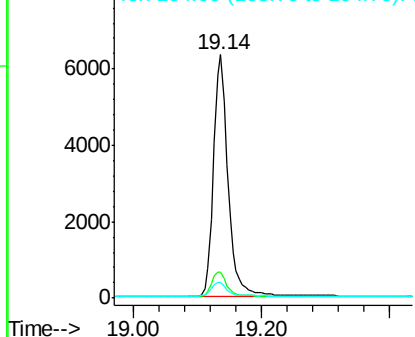


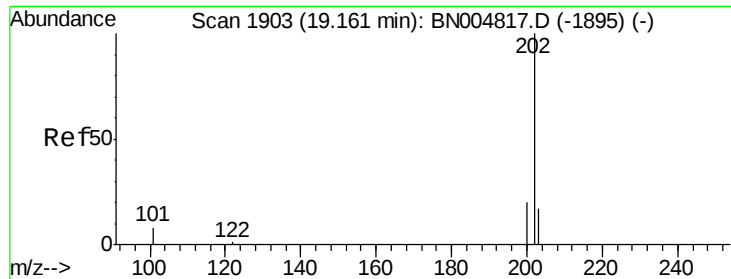
#25
 Fluoranthene-d10
 Concen: 0.239 ng
 RT: 19.14 min Scan# 1898
 Delta R.T. 0.01 min
 Lab File: BN004825.D
 Acq: 20 Mar 2019 18:44

Tgt Ion:212 Resp: 10064
 Ion Ratio Lower Upper
 212 100
 106 10.4 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

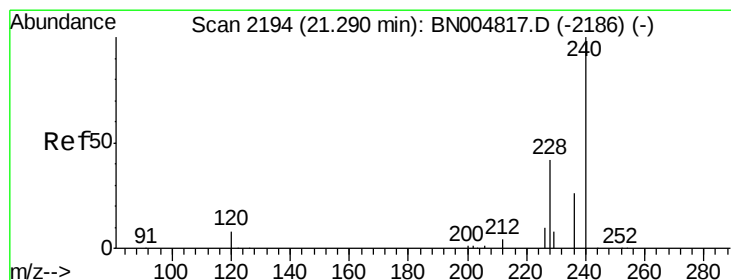
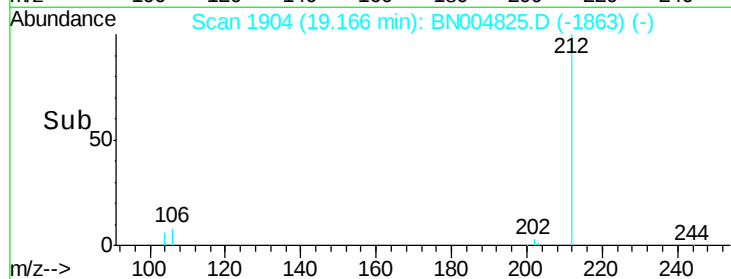
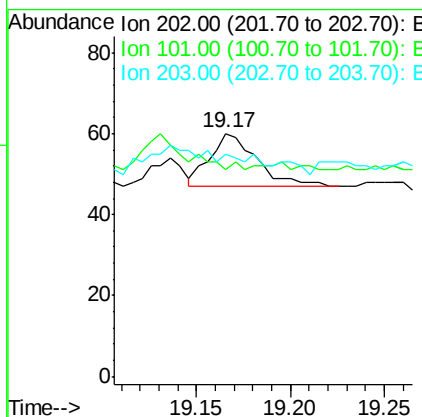
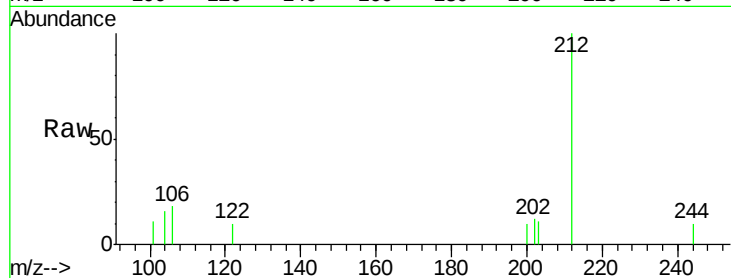




#26
Fluoranthene
Concen: 0.000 ng
RT: 19.17 min Scan# 1904
Delta R.T. 0.01 min
Lab File: BN004825.D
Acq: 20 Mar 2019 18:44

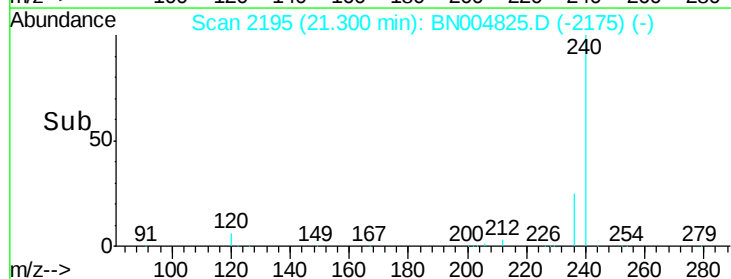
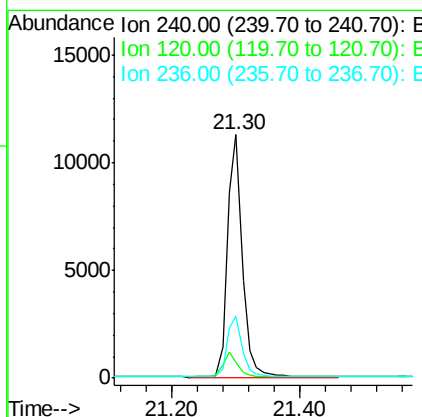
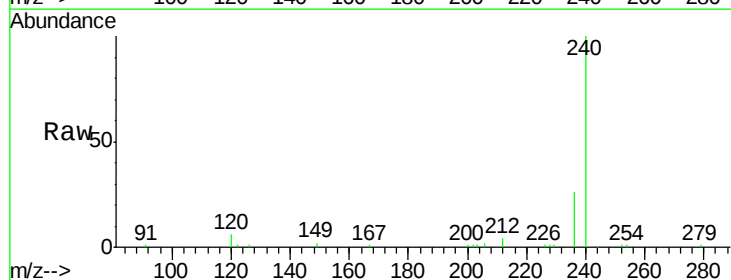
Instrument :
BNA_N
ClientSampleId :
PB117833BL

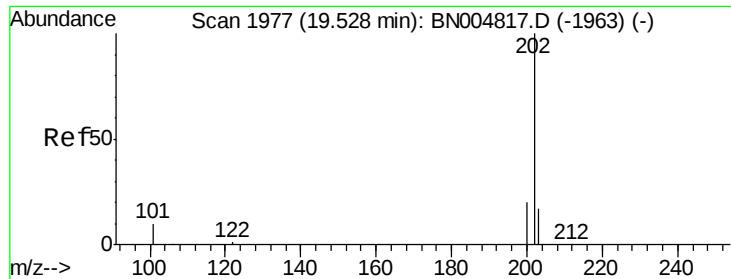
Tot Ion:202 Resp: 23
Ion Ratio Lower Upper
202 100
101 0.0 7.5 11.3#
203 0.0 13.8 20.6#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BN004825.D
Acq: 20 Mar 2019 18:44

Tgt Ion:240 Resp: 18060
Ion Ratio Lower Upper
240 100
120 6.4 7.2 10.8#
236 25.5 20.9 31.3





#28

Pvrene

Concen: 0.000 ng

RT: 19.54 min Scan# 1980

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

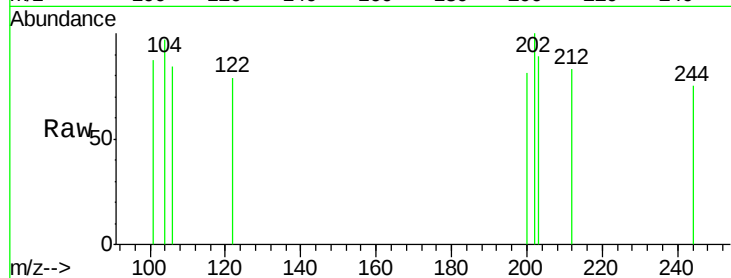
Tot Ion:202 Resp: 27

Ion Ratio Lower Upper

202 100

200 33.3 16.3 24.5#

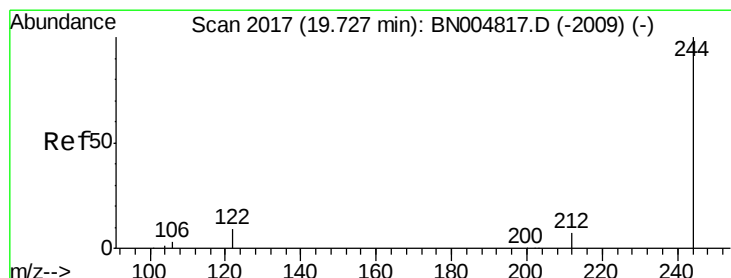
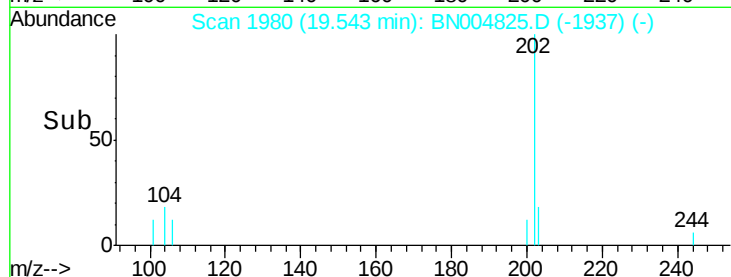
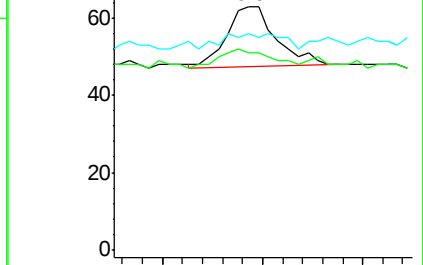
203 29.6 14.0 21.0#



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: 0.271 ng

RT: 19.73 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

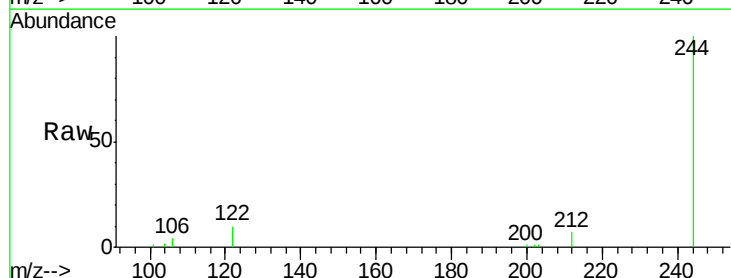
Tgt Ion:244 Resp: 10015

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

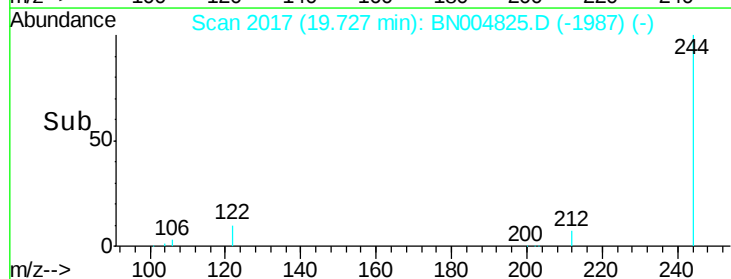
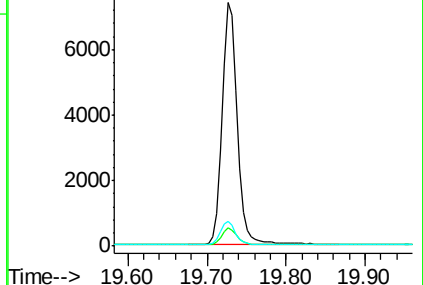
122 10.2 7.9 11.9

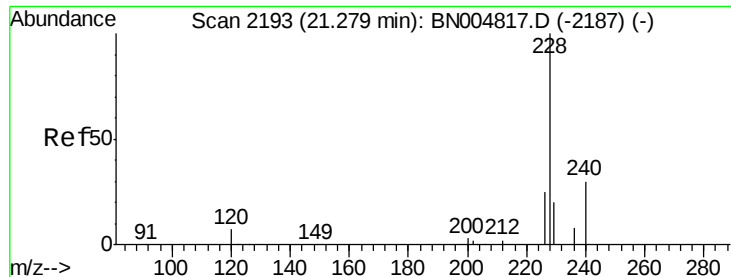


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.001 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

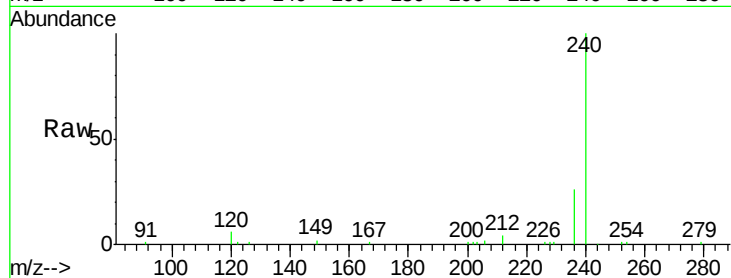
Tot Ion:228 Resp: 86

Ion Ratio Lower Upper

228 100

226 62.6 20.6 31.0#

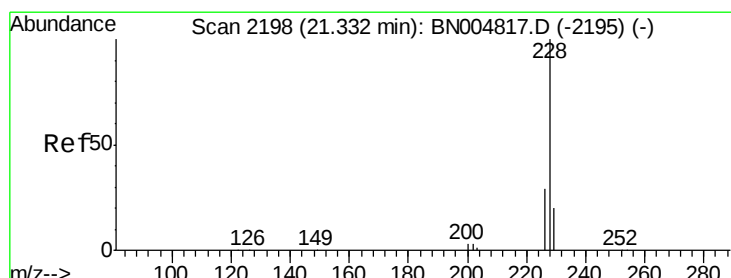
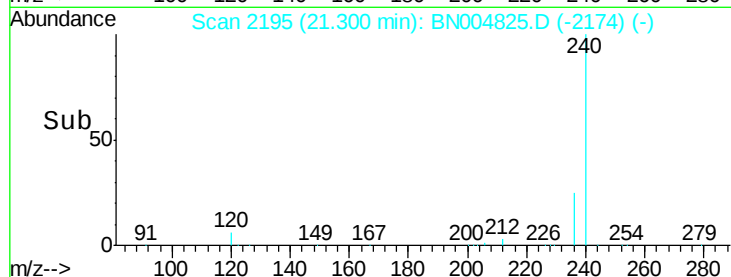
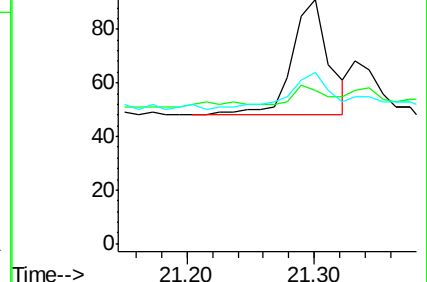
229 70.3 16.2 24.4#



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: 0.001 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.03 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

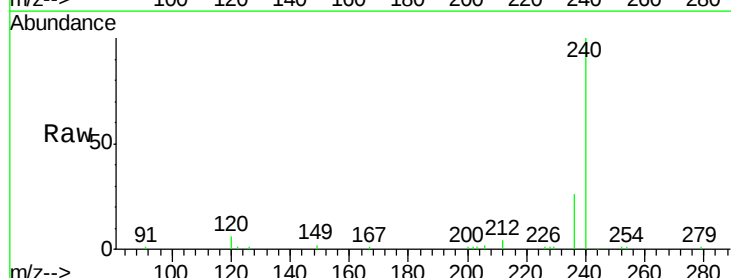
Tgt Ion:228 Resp: 71

Ion Ratio Lower Upper

228 100

226 62.6 23.0 34.6#

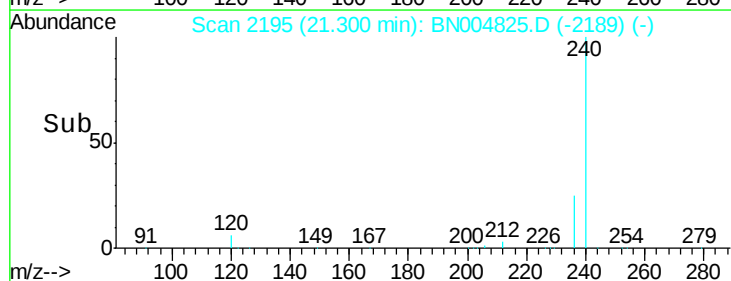
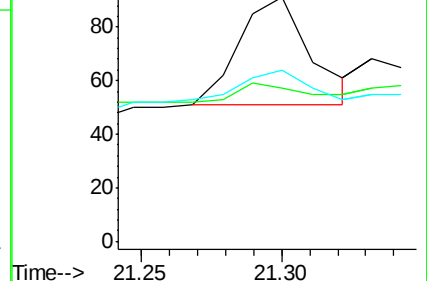
229 70.3 16.2 24.2#

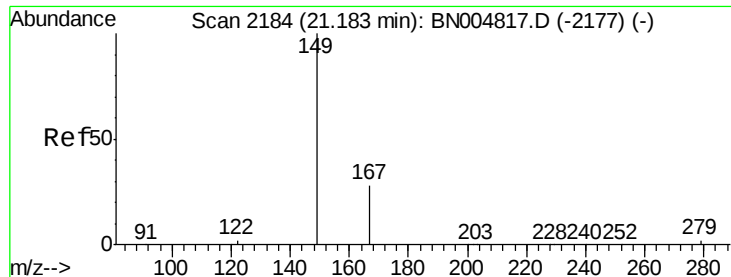


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.011 ng

RT: 21.18 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

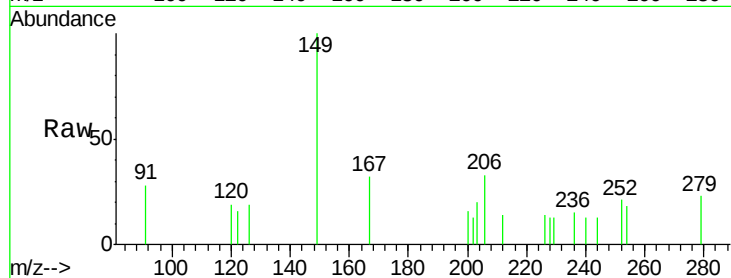
Tot Ion:149 Resp: 256

Ion Ratio Lower Upper

149 100

167 21.9 23.0 34.4#

279 10.9 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

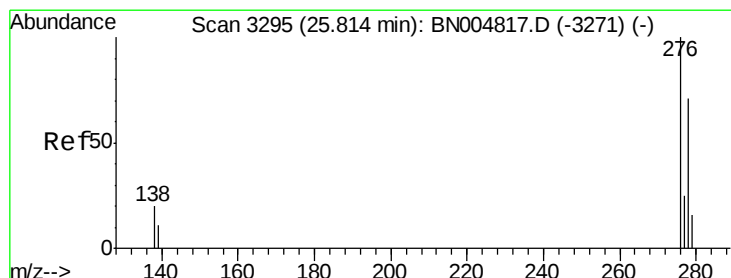
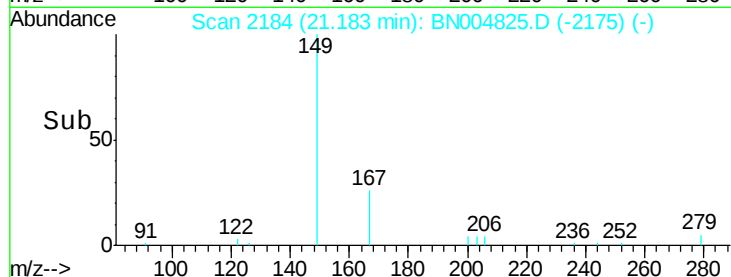
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->

21.18

21.10 21.15 21.20 21.25



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 25.81 min Scan# 3295

Delta R.T. 0.00 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

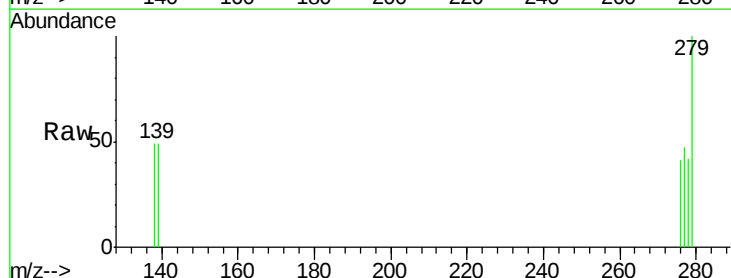
Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

276 100

138 0.0 16.6 24.8#

277 66.7 20.3 30.5#



Abundance Ion 276.00 (275.70 to 276.70): E

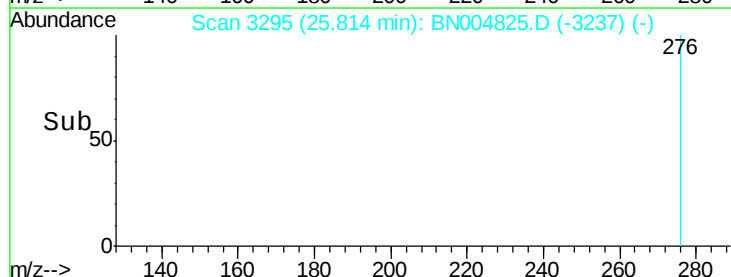
Ion 138.00 (137.70 to 138.70): E

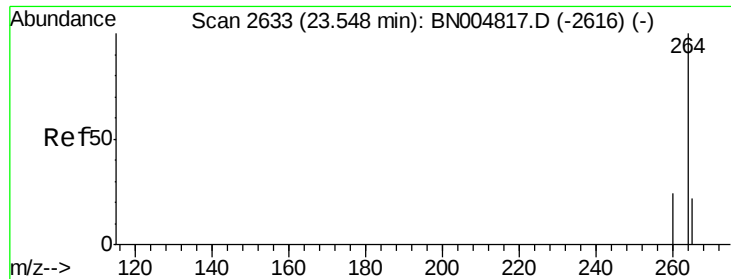
Ion 277.00 (276.70 to 277.70): E

Time-->

25.81

25.78 25.80 25.82

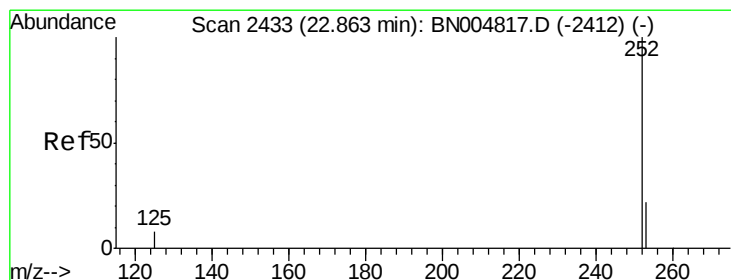
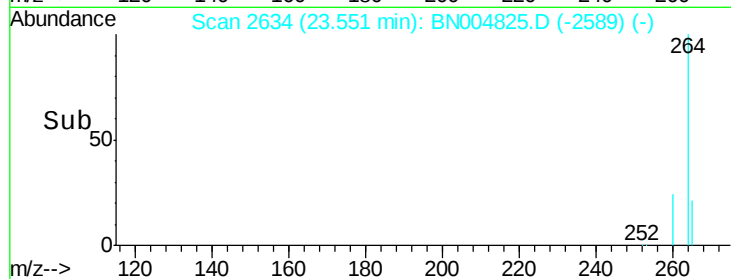
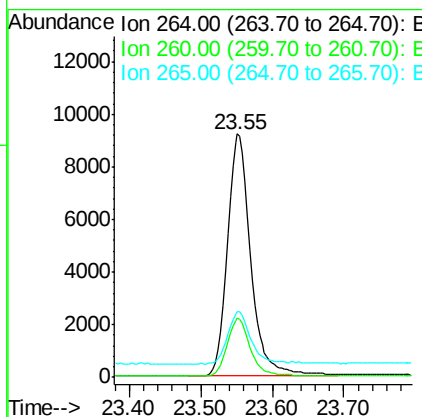
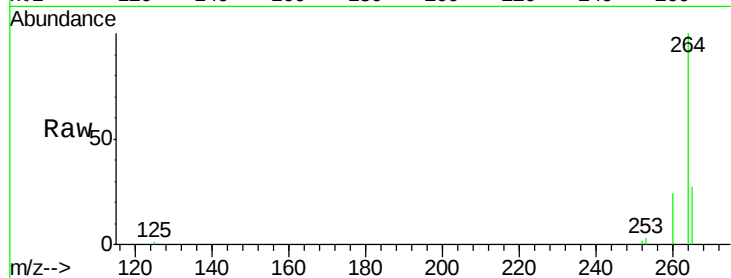




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.55 min Scan# 2634
Delta R.T. 0.00 min
Lab File: BN004825.D
Acq: 20 Mar 2019 18:44

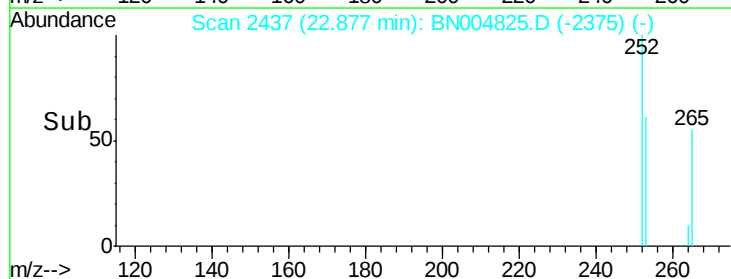
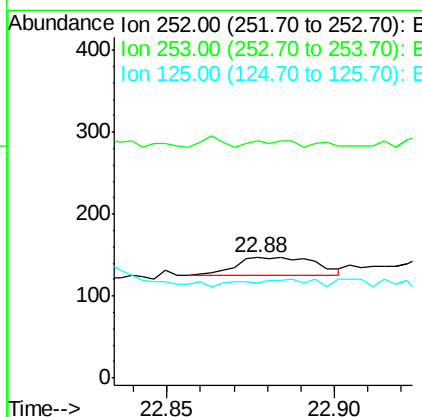
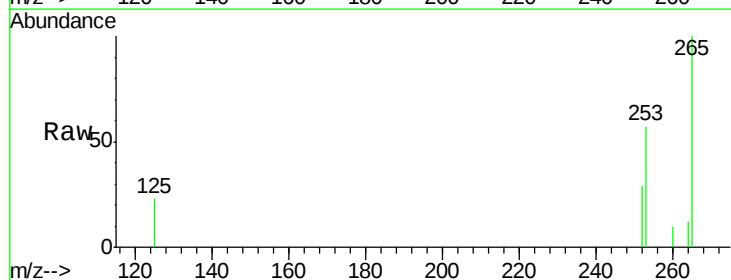
Instrument :
BNA_N
ClientSampleId :
PB117833BL

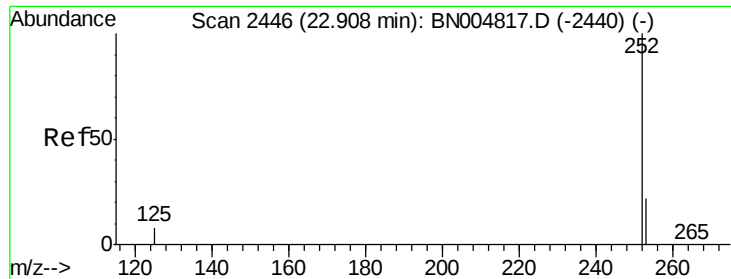
Tot Ion:264 Resp: 20927
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 26.7 23.1 34.7



#35
Benzo(b)fluoranthene
Concen: 0.000 ng
RT: 22.88 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BN004825.D
Acq: 20 Mar 2019 18:44

Tgt Ion:252 Resp: 37
Ion Ratio Lower Upper
252 100
253 196.6 19.0 28.4#
125 78.9 7.4 11.2#





#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 22.94 min Scan# 2455

Delta R.T. 0.03 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

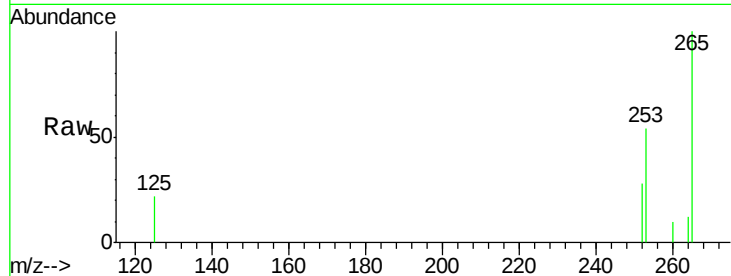
Tot Ion:252 Resp: 19

Ion Ratio Lower Upper

252 100

253 196.6 19.3 28.9#

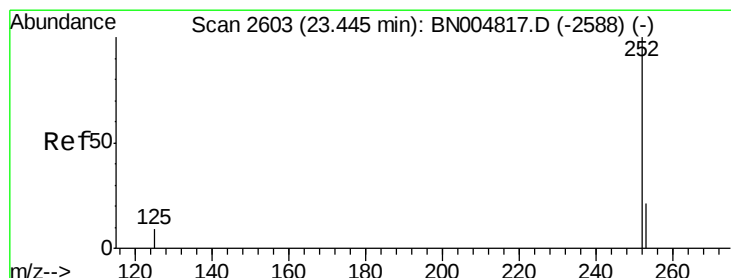
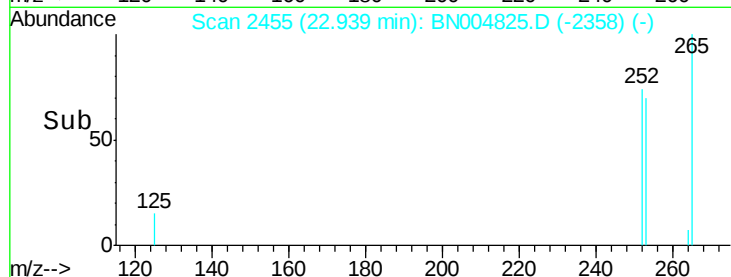
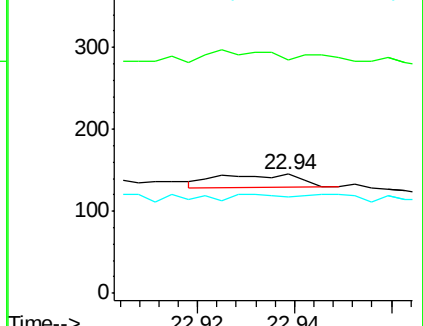
125 80.7 7.4 11.0#



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: 0.000 ng

RT: 23.45 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

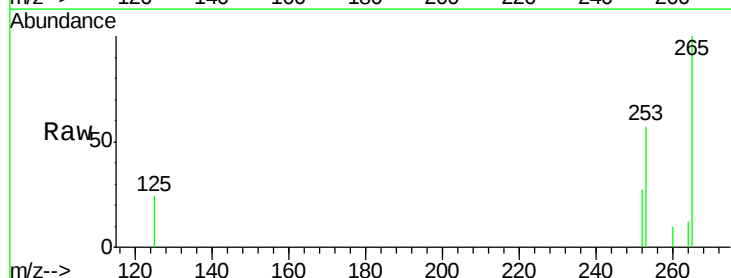
Tgt Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 210.6 19.7 29.5#

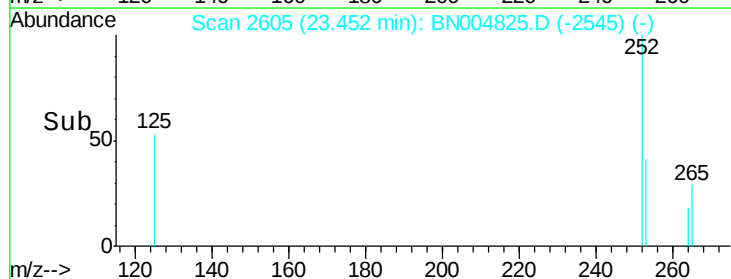
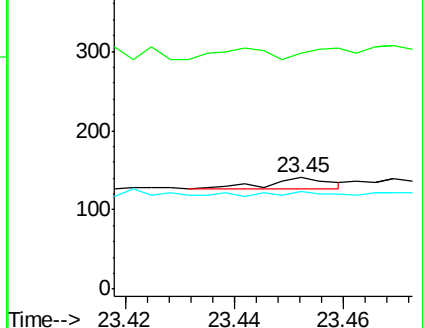
125 87.9 8.3 12.5#

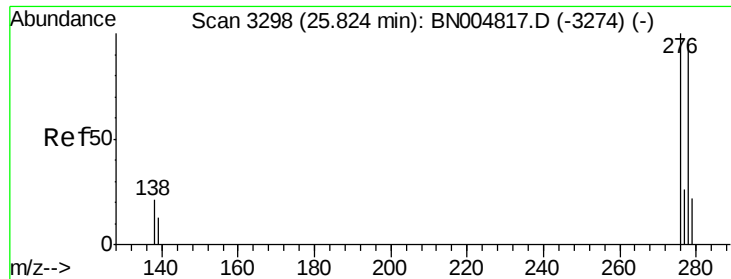


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.83 min Scan# 3300

Delta R.T. 0.01 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

Instrument :

BNA_N

ClientSampleId :

PB117833BL

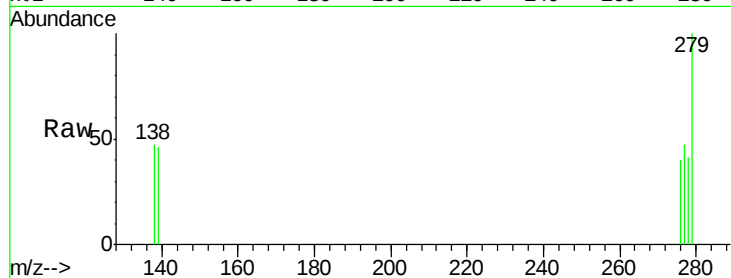
Tot Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 111.1 11.7 17.5#

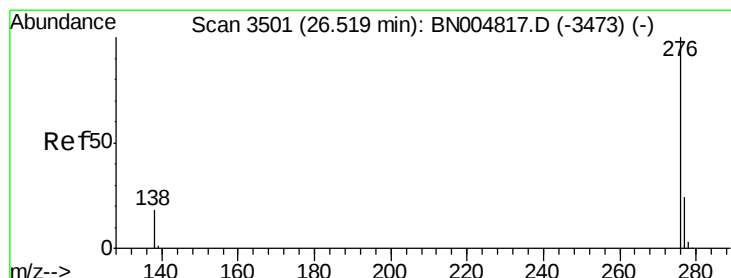
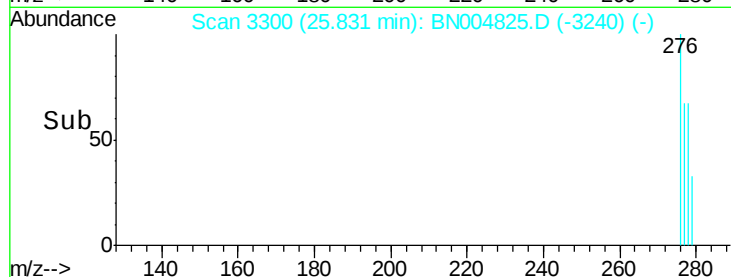
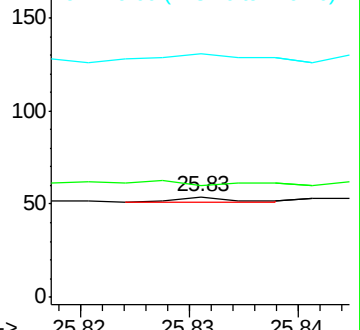
279 242.6 19.9 29.9#



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(g,h,i)perylene

Concen: 0.000 ng

RT: 26.54 min Scan# 3507

Delta R.T. 0.02 min

Lab File: BN004825.D

Acq: 20 Mar 2019 18:44

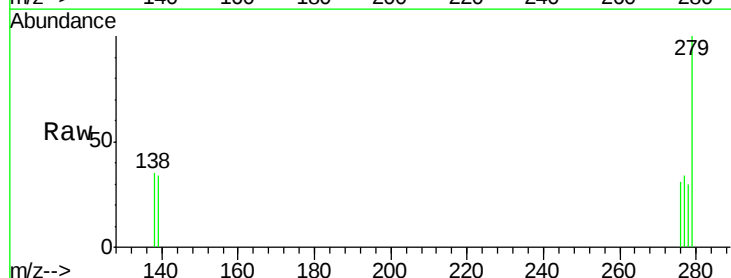
Tgt Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

277 109.1 19.7 29.5#

138 114.5 14.6 22.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

