

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004831.D
 Acq On : 20 Mar 2019 22:17
 Operator : JU/SJ
 Sample : PB118052BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118052BL

Quant Time: Mar 21 08:48:38 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	1288	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	5136	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	3070	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	8863	0.40	ng	0.01
27) Chrysene-d12	21.30	240	12759	0.40	ng	0.01
34) Perylene-d12	23.55	264	14930	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	1104	0.32	ng	0.00
5) Phenol-d6	6.89	99	1299	0.30	ng	0.00
8) Nitrobenzene-d5	8.88	82	853	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	2441	0.27	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	506	0.24	ng	0.01
15) 2-Fluorobiphenyl	12.97	172	3848	0.30	ng	0.01
25) Fluoranthene-d10	19.14	212	9127	0.31	ng	0.00
29) Terphenyl-d14	19.73	244	7664	0.29	ng	0.00

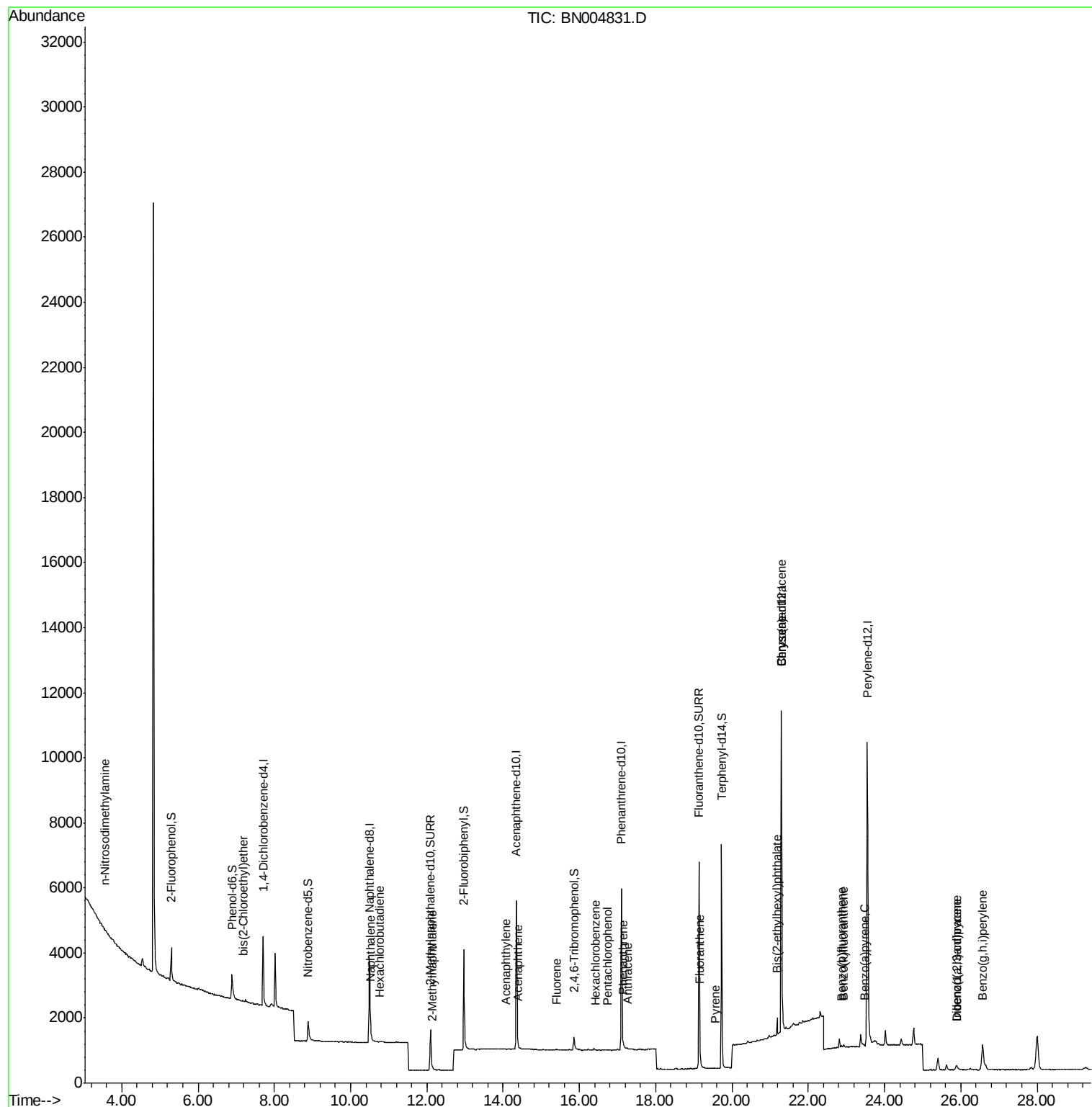
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.57	42	13	0.015	ng	# 33
6) bis(2-Chloroethyl)ether	7.19	93	3	0.001	ng	# 1
9) Naphthalene	10.53	128	20	0.001	ng	# 1
10) Hexachlorobutadiene	10.77	225	4	0.001	ng	# 17
12) 2-Methylnaphthalene	12.15	142	2	0.000	ng	# 51
16) Acenaphthylene	14.07	152	3	0.000	ng	# 54
17) Acenaphthene	14.40	154	3	0.000	ng	# 45
18) Fluorene	15.41	166	4	0.000	ng	# 1
21) Hexachlorobenzene	16.41	284	4	0.001	ng	# 47
22) Pentachlorophenol	16.74	266	4	0.003	ng	# 66
23) Phenanthrene	17.14	178	27	0.001	ng	# 45
24) Anthracene	17.26	178	12	0.000	ng	# 1
26) Fluoranthene	19.17	202	2	0.000	ng	# 1
28) Pyrene	19.55	202	10	0.000	ng	# 58
30) Benzo(a)anthracene	21.30	228	84	0.002	ng	# 1
31) Chrysene	21.30	228	60	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.18	149	515	0.031	ng	99
33) Indeno(1,2,3-cd)pyrene	25.89	276	180	0.003	ng	# 65
35) Benzo(b)fluoranthene	22.88	252	65	0.001	ng	# 1
36) Benzo(k)fluoranthene	22.94	252	68	0.001	ng	# 1
37) Benzo(a)pyrene	23.48	252	48	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.89	278	165	0.003	ng	# 1
39) Benzo(g,h,i)perylene	26.58	276	179	0.003	ng	# 1

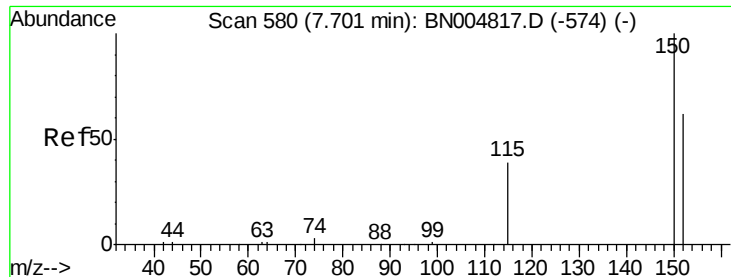
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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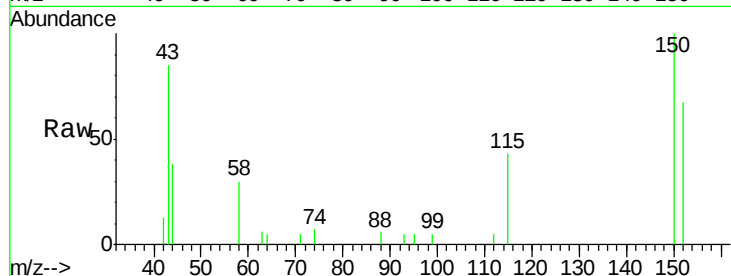


#1

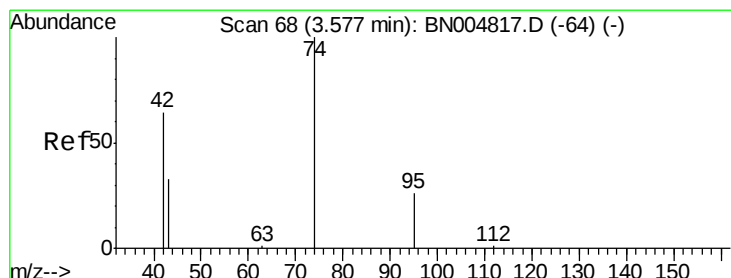
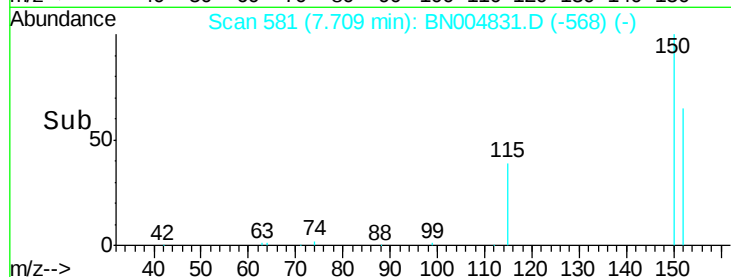
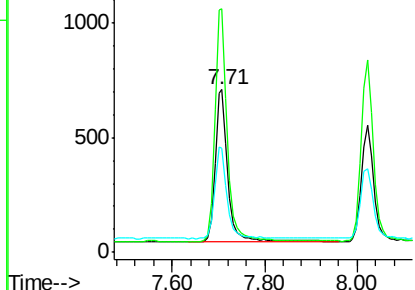
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tot Ion:152 Resp: 1288
Ion Ratio Lower Upper
152 100
150 149.8 126.2 189.4
115 64.2 52.6 79.0



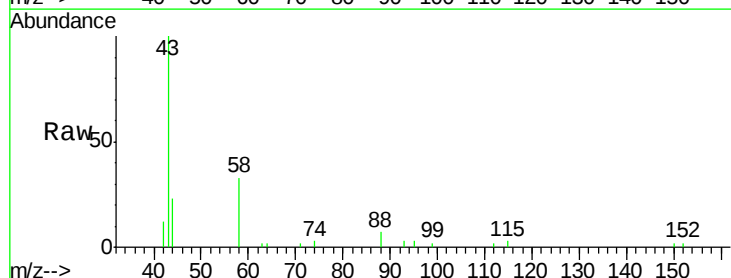
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



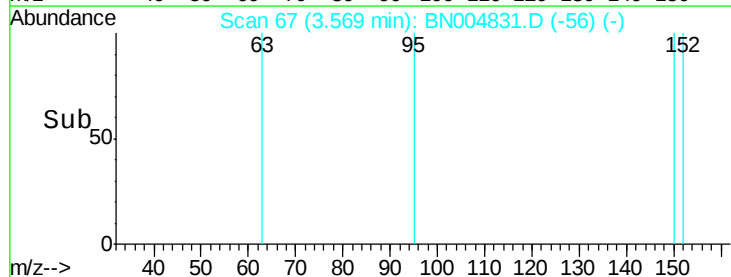
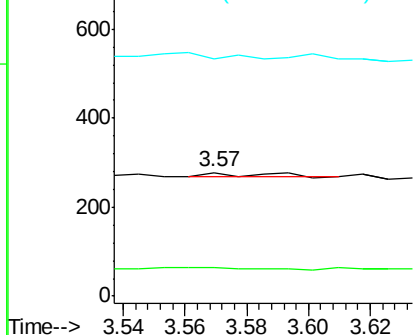
#3

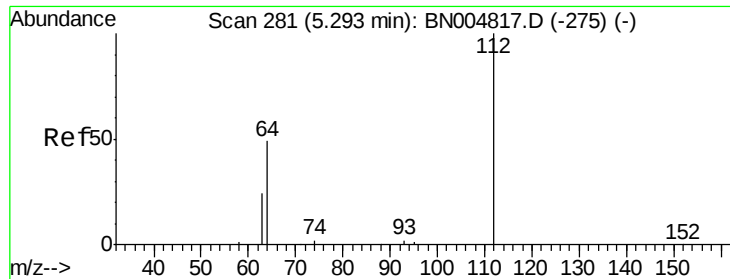
n-Nitrosodimethylamine
Concen: 0.015 ng
RT: 3.57 min Scan# 67
Delta R.T. -0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion: 42 Resp: 13
Ion Ratio Lower Upper
42 100
74 69.2 128.4 192.6#
44 0.0 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.315 ng

RT: 5.30 min Scan# 282

Delta R.T. 0.01 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

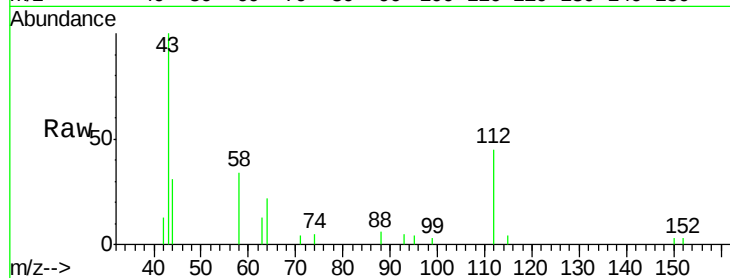
Tot Ion:112 Resp: 1104

Ion Ratio Lower Upper

112 100

64 51.1 40.0 60.0

63 25.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.30

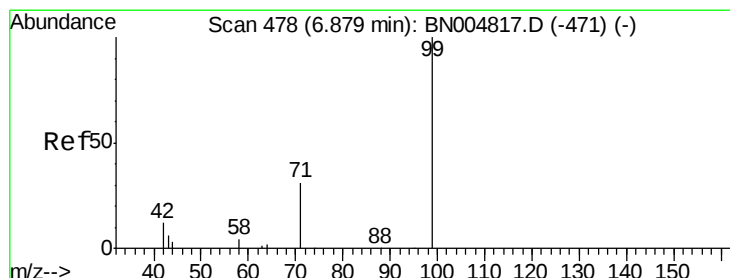
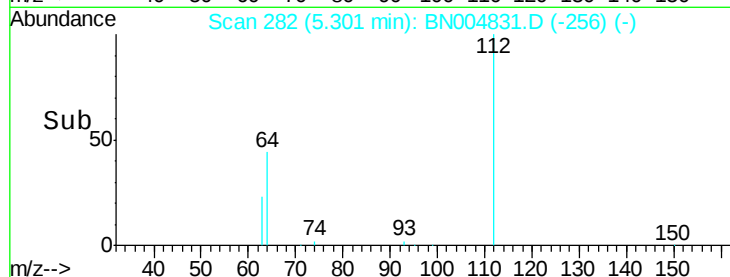
600

400

200

0

Time-->



#5

Phenol-d6

Concen: 0.298 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

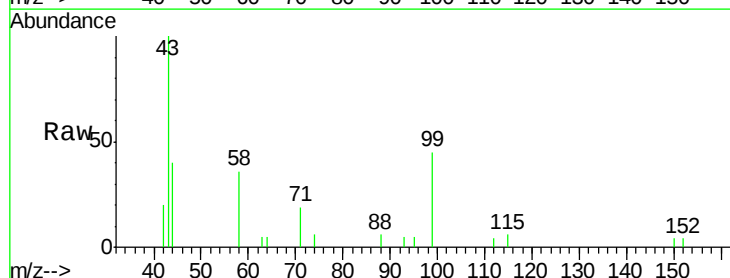
Tgt Ion: 99 Resp: 1299

Ion Ratio Lower Upper

99 100

42 14.0 12.7 19.1

71 30.6 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.89

600

500

400

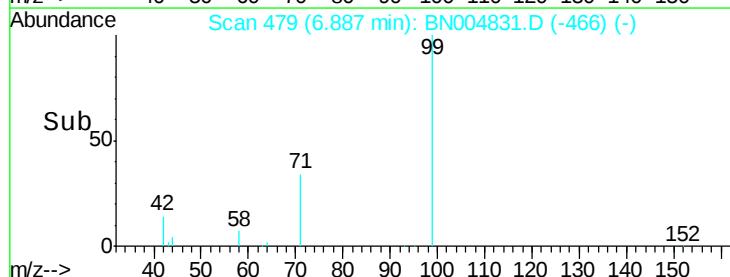
300

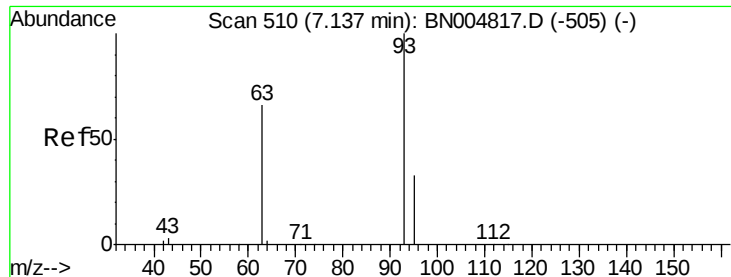
200

100

0

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.19 min Scan# 516

Delta R.T. 0.05 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

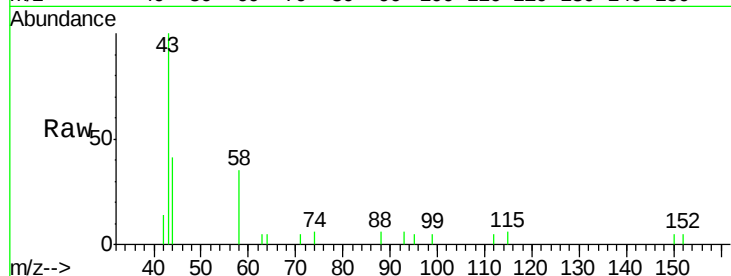
Tot Ion: 93 Resp: 3

Ion Ratio Lower Upper

93 100

63 200.0 52.6 78.8#

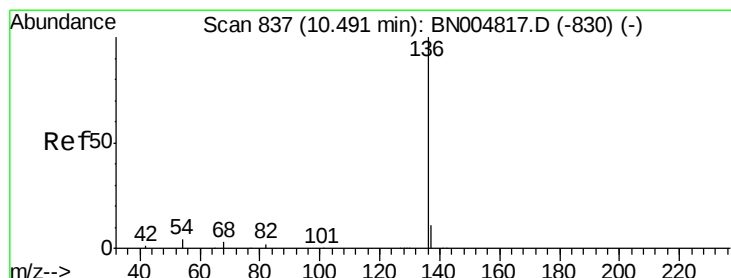
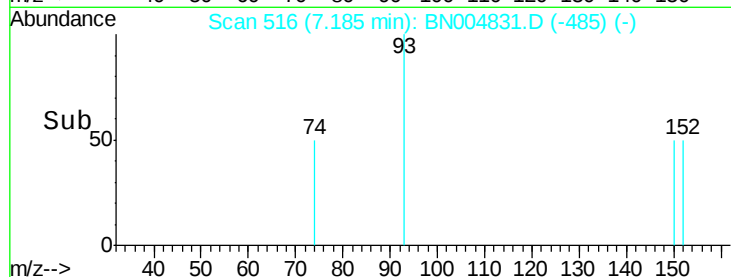
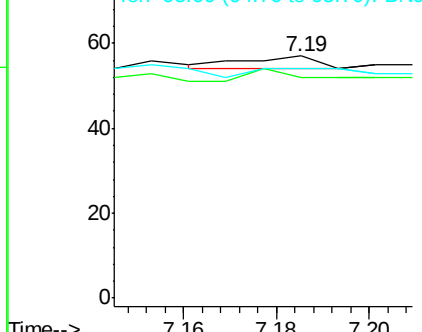
95 100.0 25.9 38.9#



Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Tgt Ion: 136 Resp: 5136

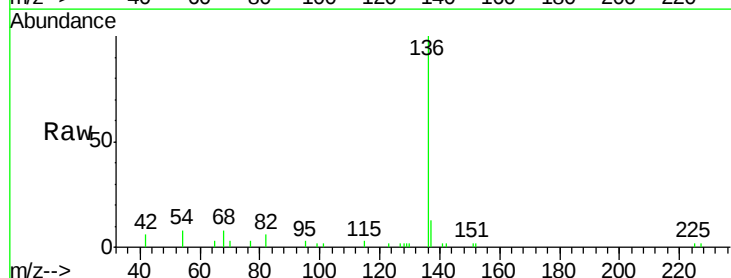
Ion Ratio Lower Upper

136 100

137 13.2 9.6 14.4

54 8.3 4.2 6.2#

68 7.6 3.9 5.9#

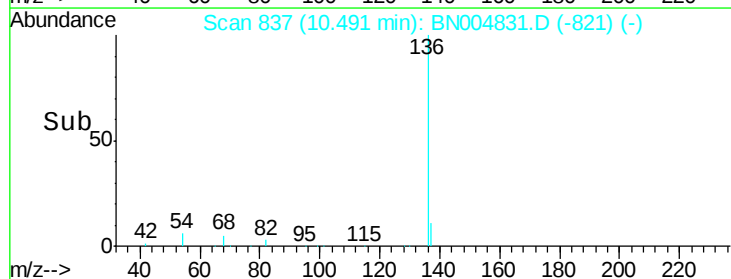
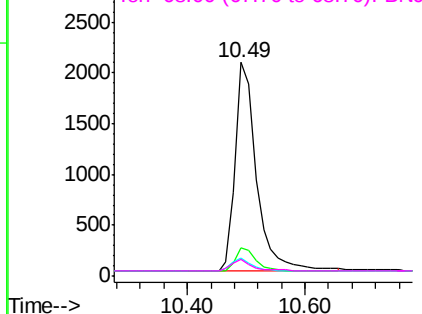


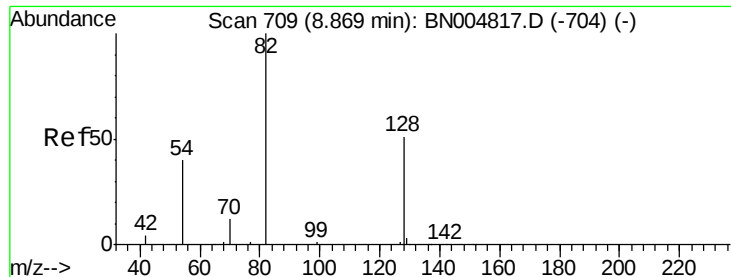
Abundance Ion 136.00 (135.70 to 136.70): BNC

Ion 137.00 (136.70 to 137.70): BNC

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC





#8

Nitrobenzene-d5

Concen: 0.251 ng

RT: 8.88 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

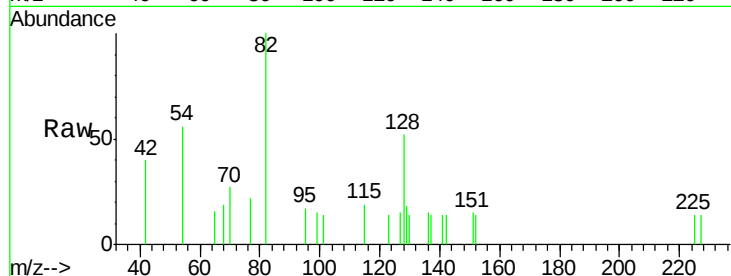
Tot Ion: 82 Resp: 853

Ion Ratio Lower Upper

82 100

128 52.0 43.0 64.6

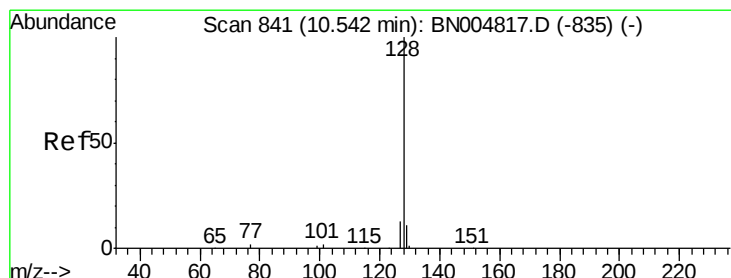
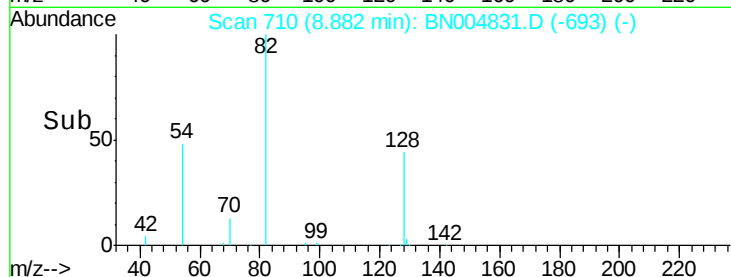
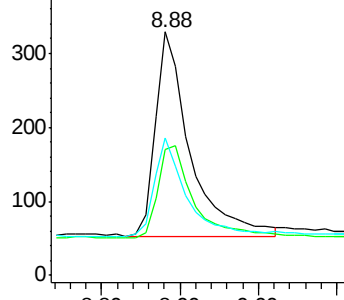
54 56.2 35.3 52.9#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#9

Naphthalene

Concen: 0.001 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

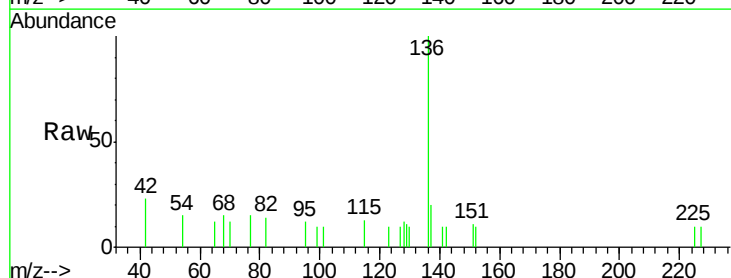
Tgt Ion: 128 Resp: 20

Ion Ratio Lower Upper

128 100

129 92.5 9.9 14.9#

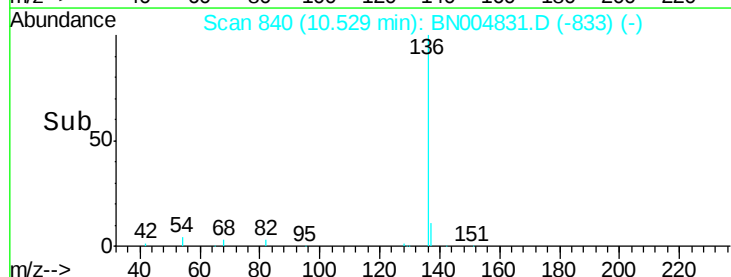
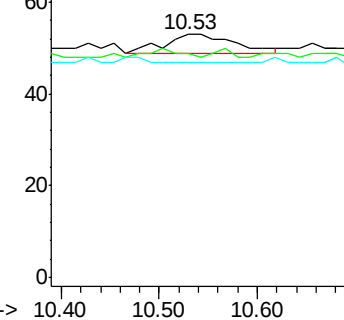
127 88.7 11.3 16.9#

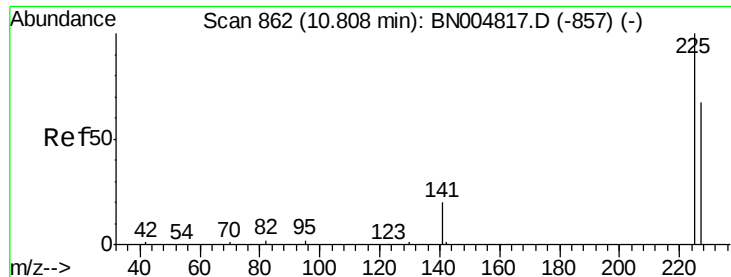


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC

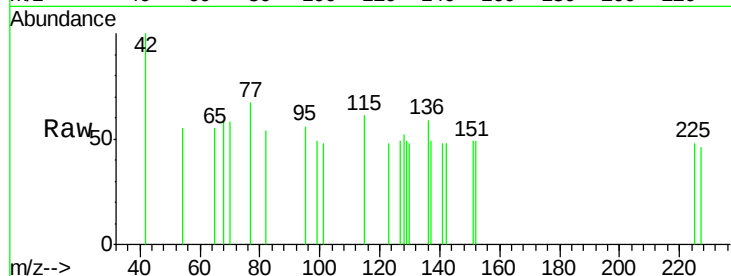




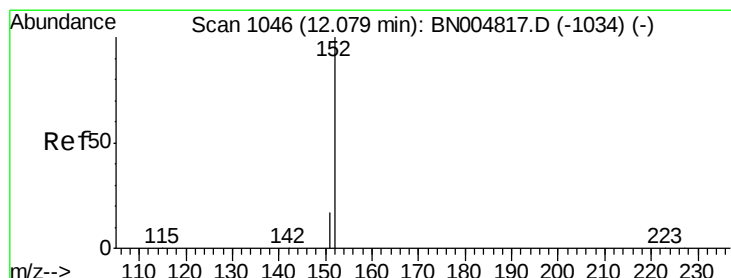
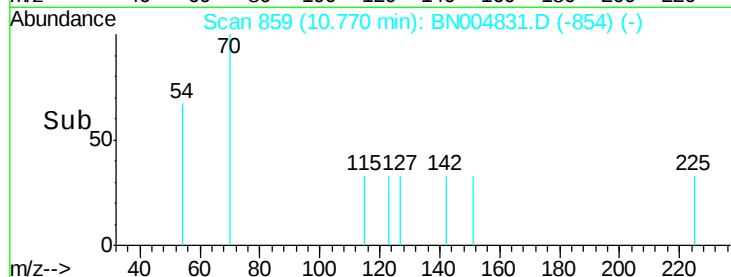
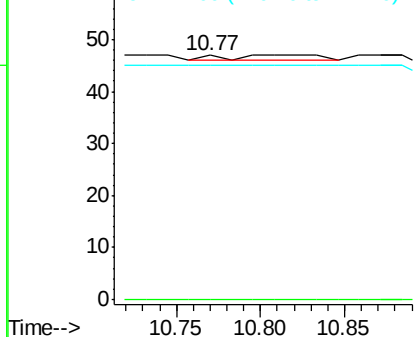
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.77 min Scan# 859
Delta R.T. -0.04 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
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Tot Ion:225 Resp: 4
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 52.2 78.4#

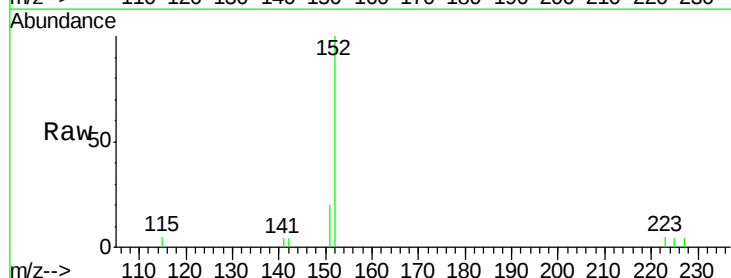


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

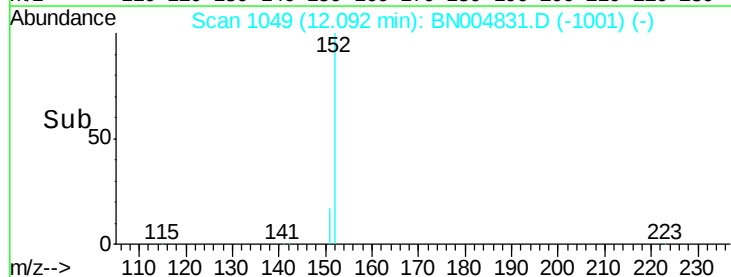
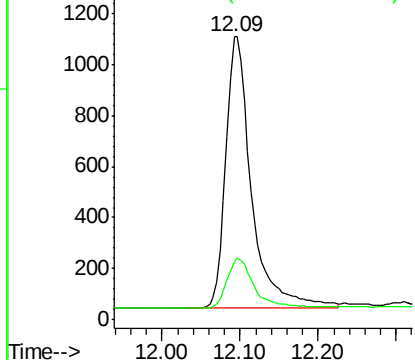


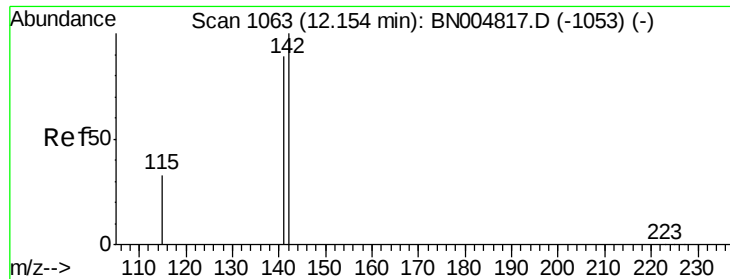
#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.09 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:152 Resp: 2441
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





#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 12.15 min Scan# 1061

Delta R.T. -0.01 min

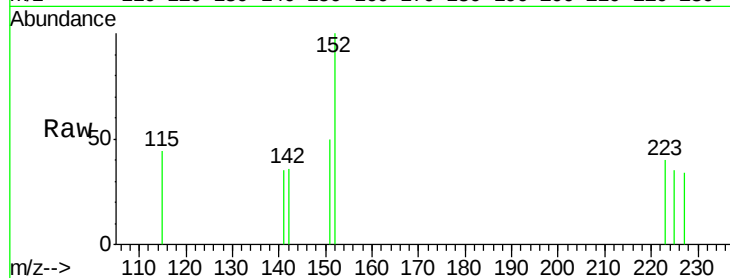
Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tot Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	97.9	71.4	107.2
115	122.9	27.5	41.3#

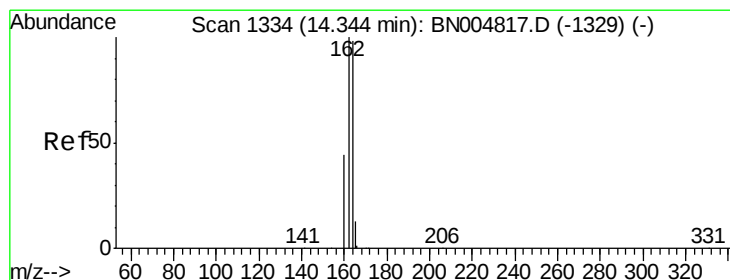
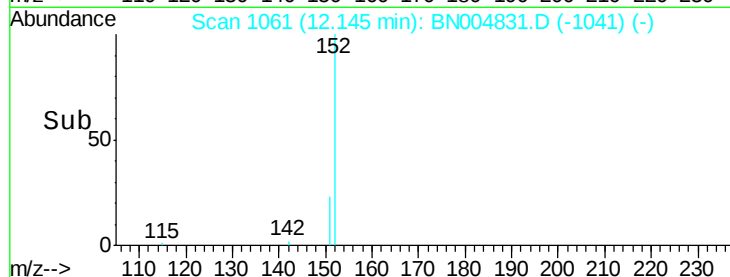
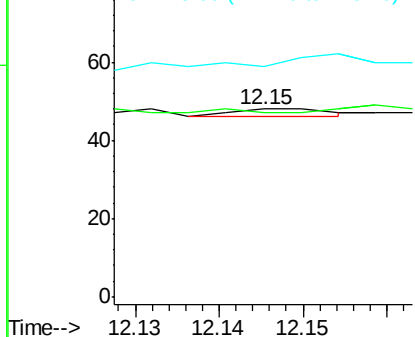


Abundance

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

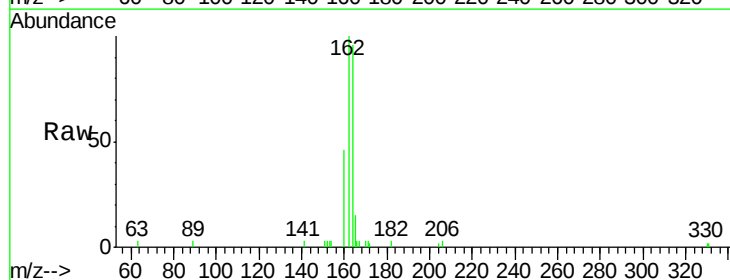
Delta R.T. -0.00 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Tgt Ion:164 Resp: 3070

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.9	122.9
160	48.5	36.6	54.8

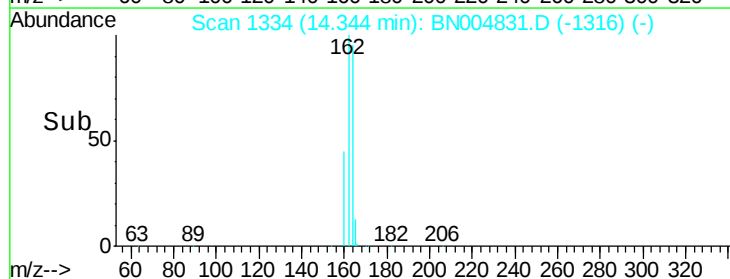
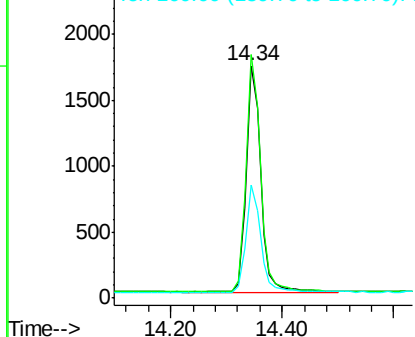


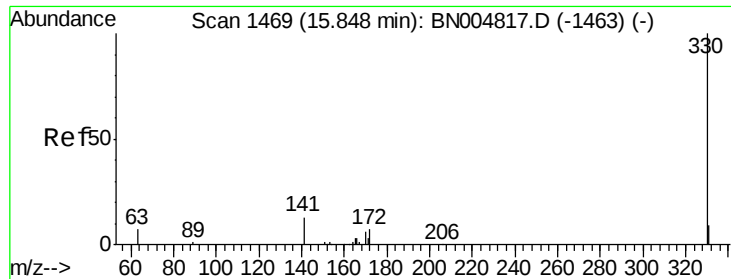
Abundance

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

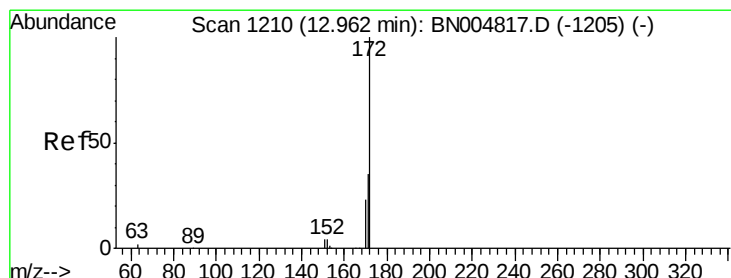
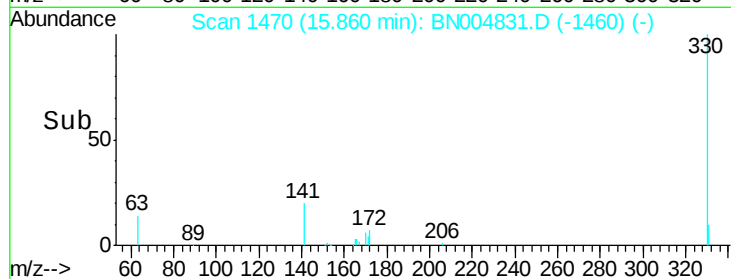
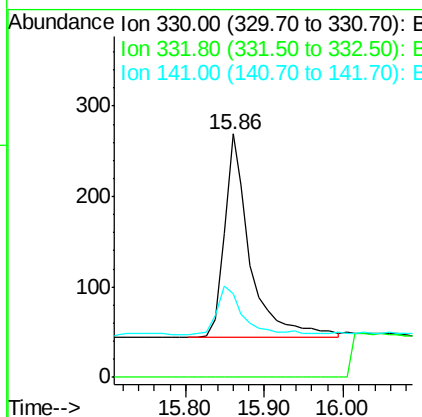
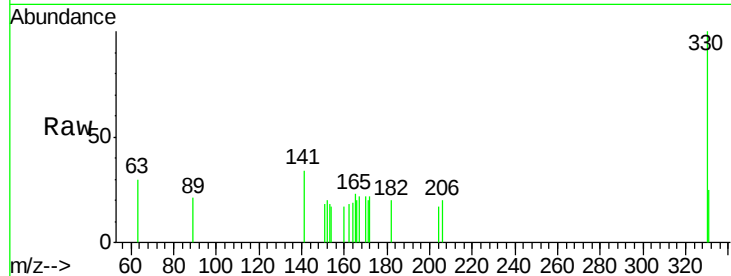




#14
 2,4,6-Tribromophenol
 Concen: 0.239 ng
 RT: 15.86 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BN004831.D
 Acq: 20 Mar 2019 22:17

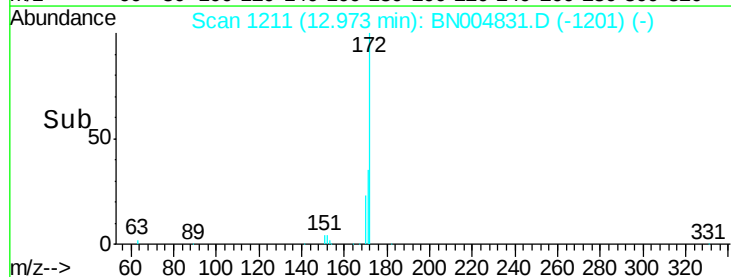
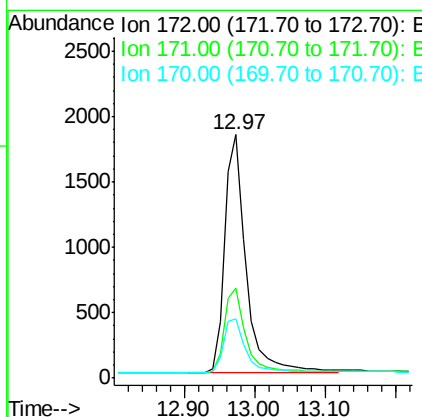
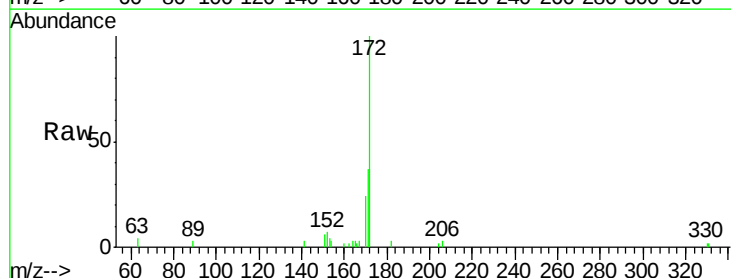
Instrument :
 BNA_N
 ClientSampleId :
 PB118052BL

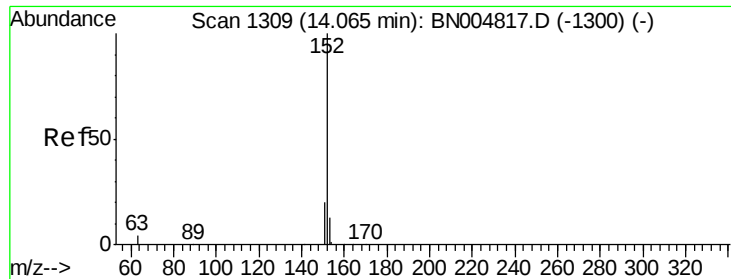
Tot Ion:330 Resp: 506
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 24.9 20.9 31.3



#15
 2-Fluorobiphenyl
 Concen: 0.303 ng
 RT: 12.97 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BN004831.D
 Acq: 20 Mar 2019 22:17

Tgt Ion:172 Resp: 3848
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.7 43.1
 170 24.4 18.7 28.1





#16

Acenaphthylene

Concen: 0.000 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

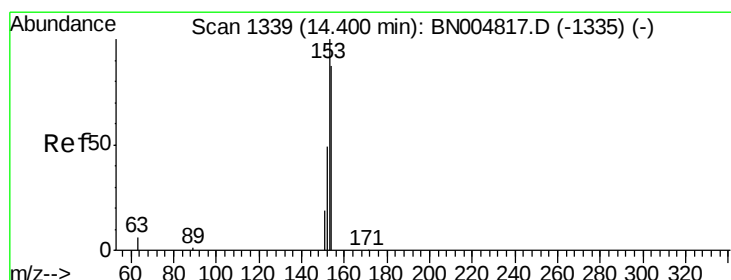
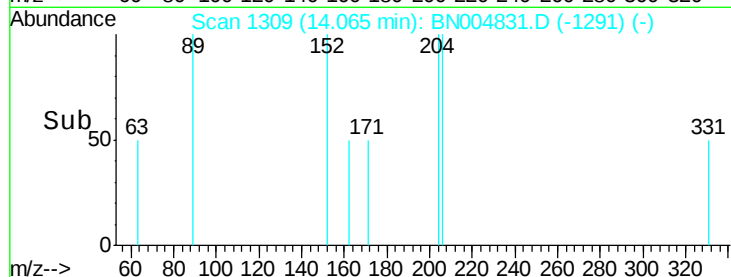
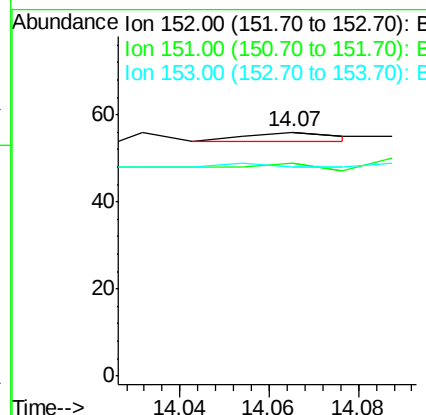
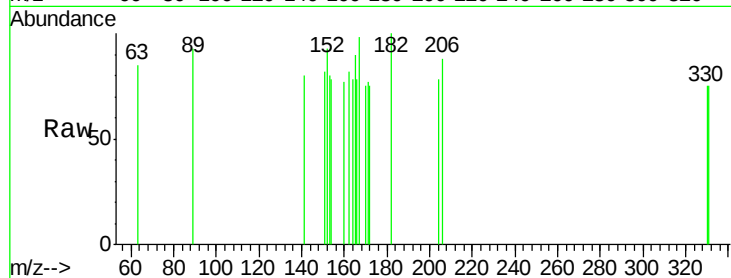
Instrument :

BNA_N

ClientSampleId :

PB118052BL

Tot Ion:	152	Resp:	3
Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.1	24.1#
153	33.3	10.5	15.7#



#17

Acenaphthene

Concen: 0.000 ng

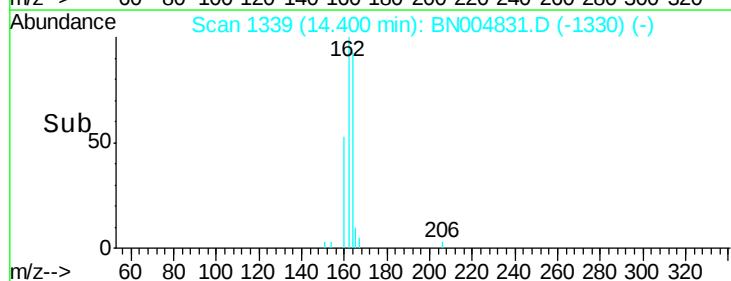
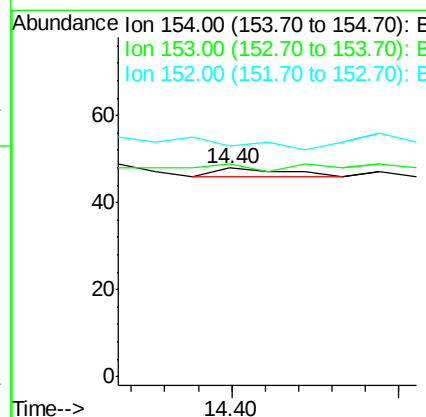
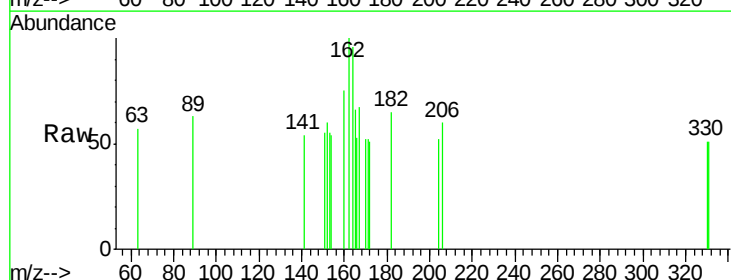
RT: 14.40 min Scan# 1339

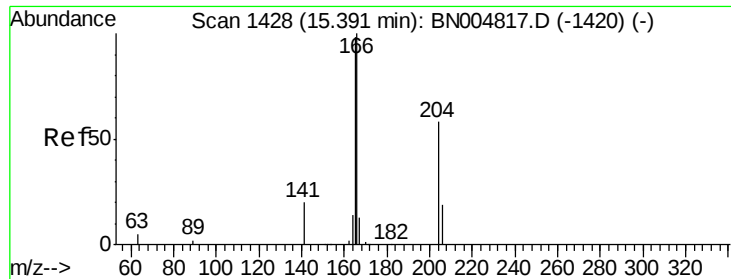
Delta R.T. -0.00 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Tgt Ion:	154	Resp:	3
Ion	Ratio	Lower	Upper
154	100		
153	66.7	91.4	137.2#
152	0.0	44.2	66.2#





#18

Fluorene

Concen: 0.000 ng

RT: 15.41 min Scan# 1430

Delta R.T. 0.02 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

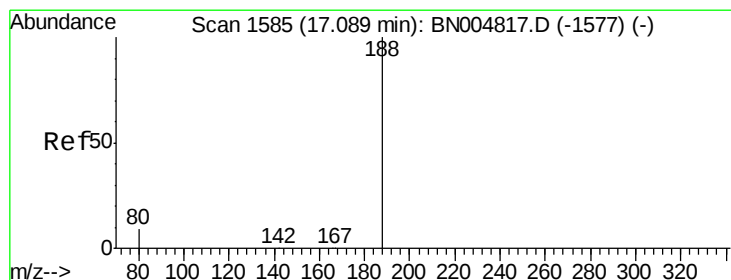
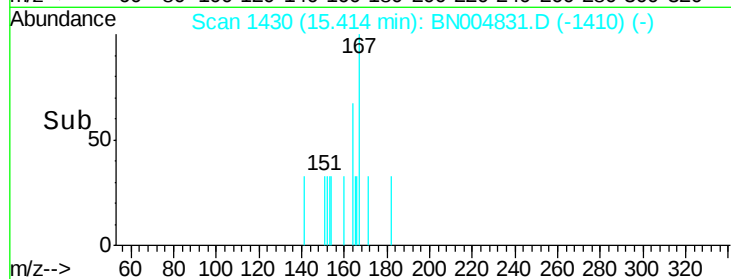
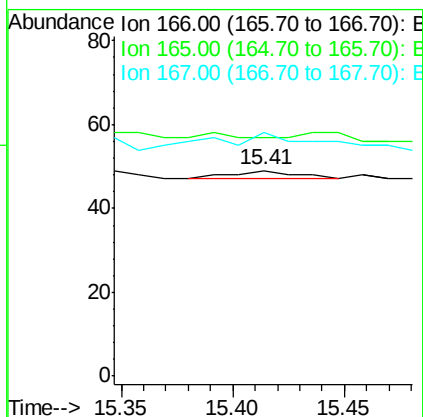
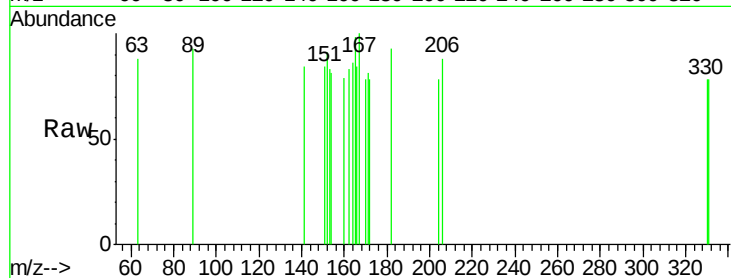
Tot Ion:166 Resp: 4

Ion Ratio Lower Upper

166 100

165 0.0 78.2 117.4#

167 200.0 11.0 16.4#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

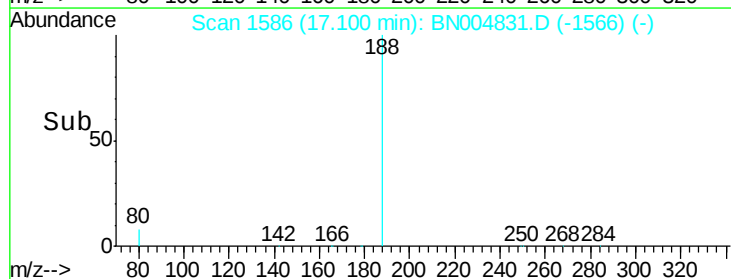
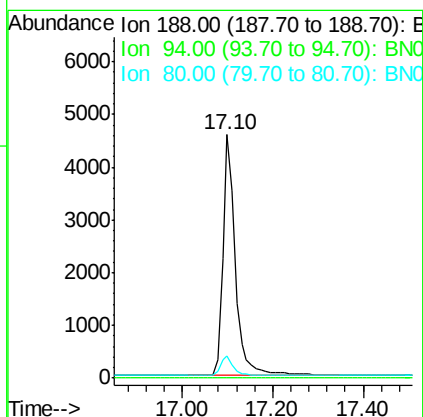
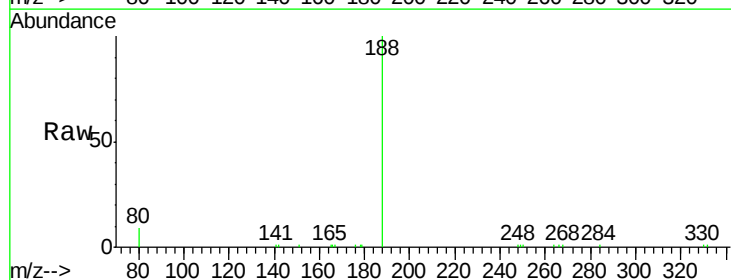
Tgt Ion:188 Resp: 8863

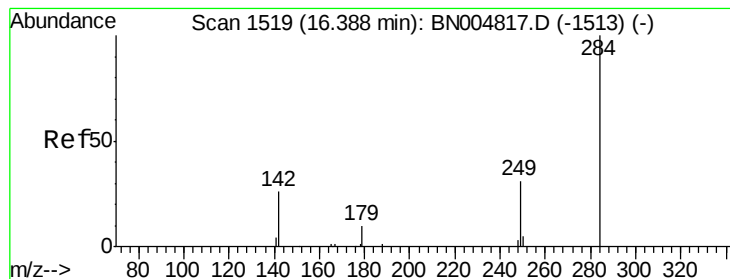
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 7.4 11.2





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.41 min Scan# 1521

Delta R.T. 0.02 min

Lab File: BN004831.D

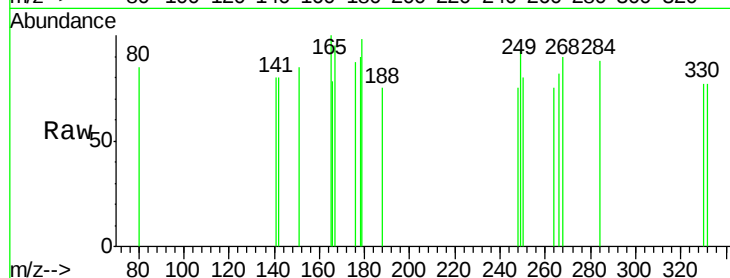
Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL



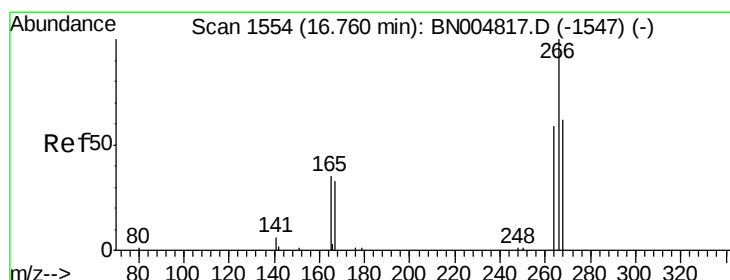
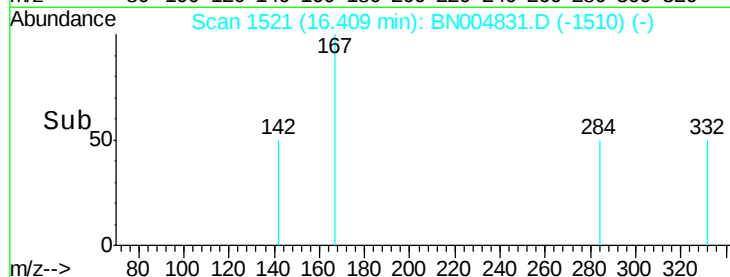
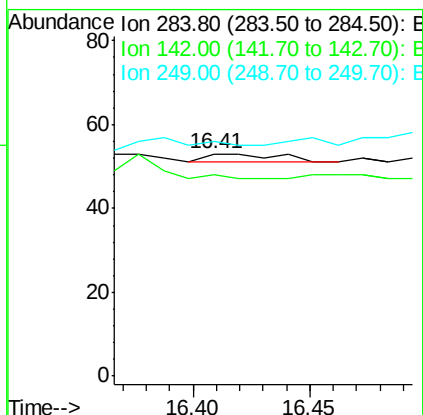
Tot Ion:284 Resp: 4

Ion Ratio Lower Upper

284 100

142 0.0 22.6 34.0#

249 0.0 22.5 33.7#



#22

Pentachlorophenol

Concen: 0.003 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

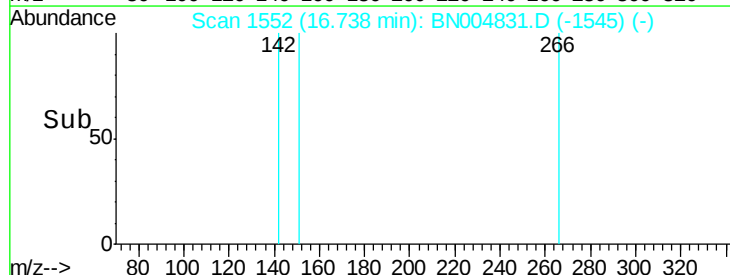
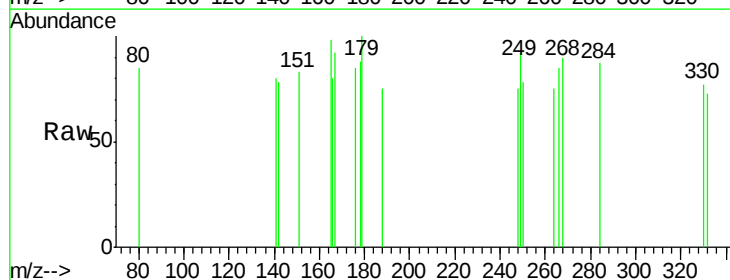
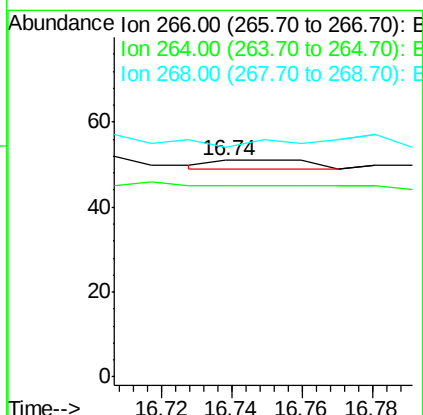
Tgt Ion:266 Resp: 4

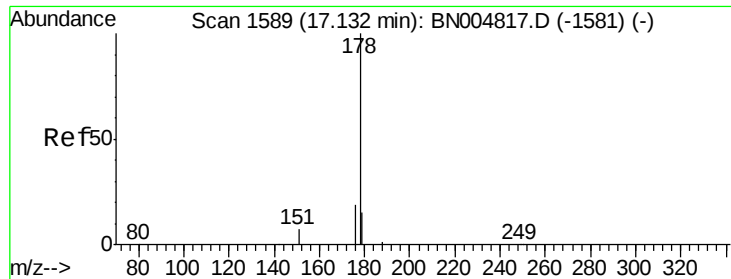
Ion Ratio Lower Upper

266 100

264 88.2 53.1 79.7#

268 105.9 57.7 86.5#





#23

Phenanthrene

Concen: 0.001 ng

RT: 17.14 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

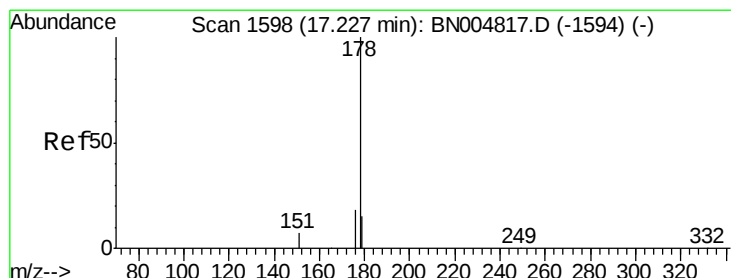
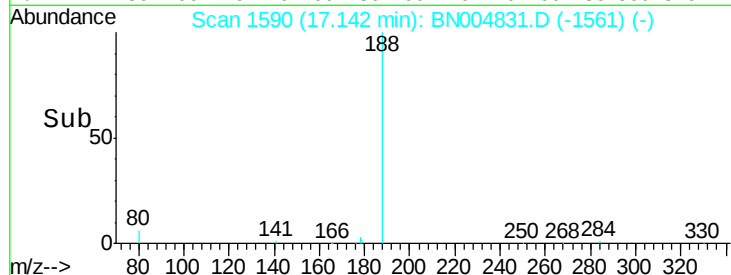
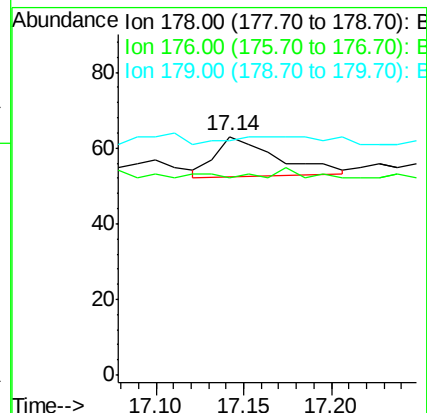
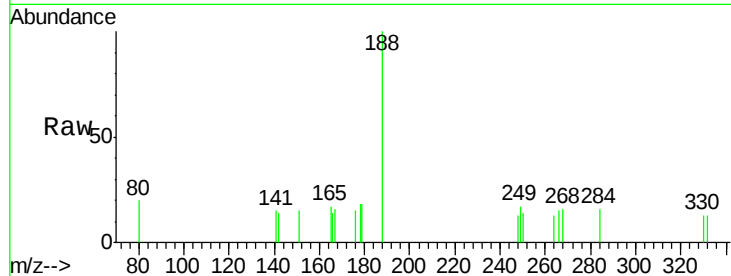
Tot Ion:178 Resp: 27

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

179 44.4 12.1 18.1#



#24

Anthracene

Concen: 0.000 ng

RT: 17.26 min Scan# 1601

Delta R.T. 0.03 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

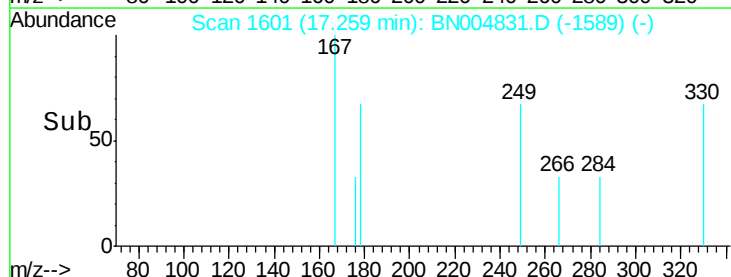
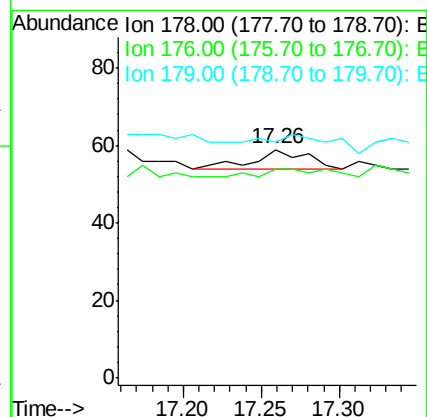
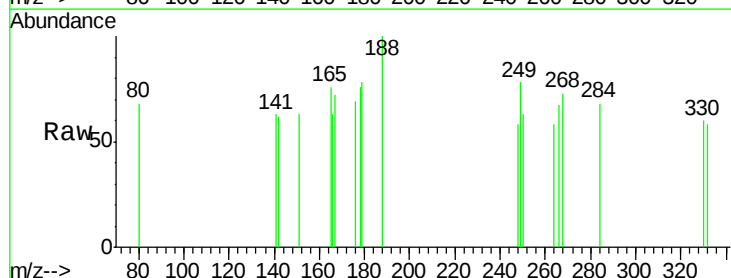
Tgt Ion:178 Resp: 12

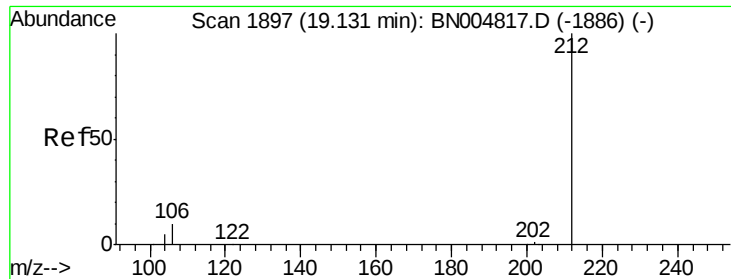
Ion Ratio Lower Upper

178 100

176 50.0 14.5 21.7#

179 125.0 12.2 18.4#

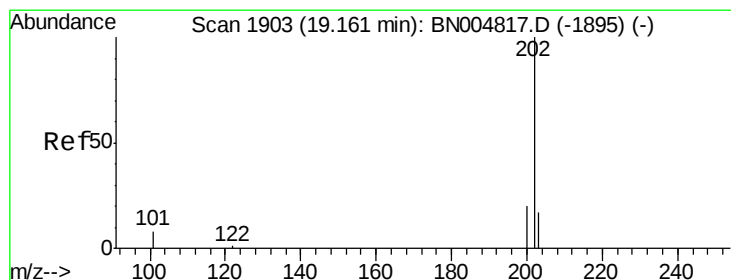
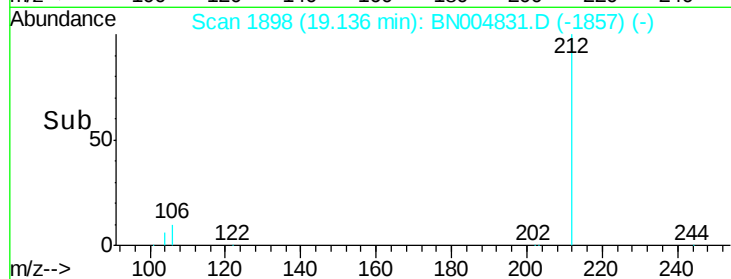
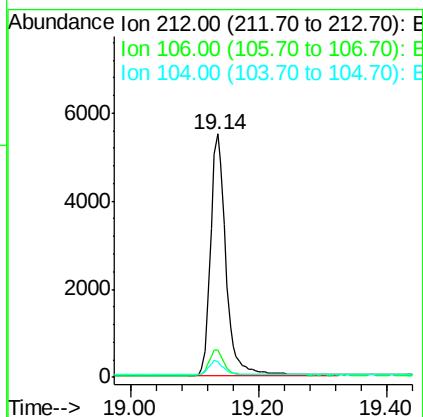
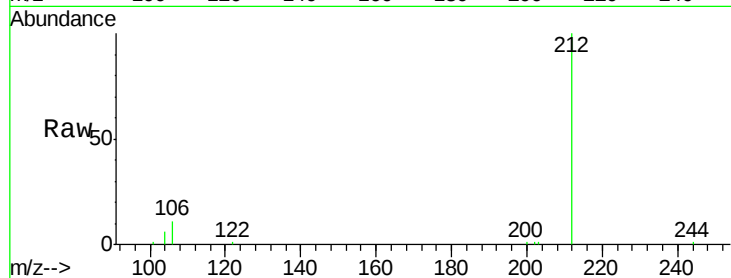




#25
 Fluoranthene-d10
 Concen: 0.308 ng
 RT: 19.14 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BN004831.D
 Acq: 20 Mar 2019 22:17

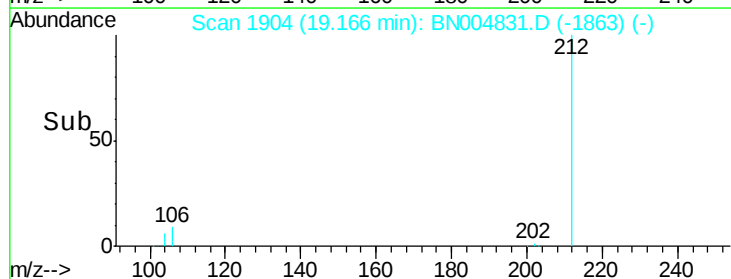
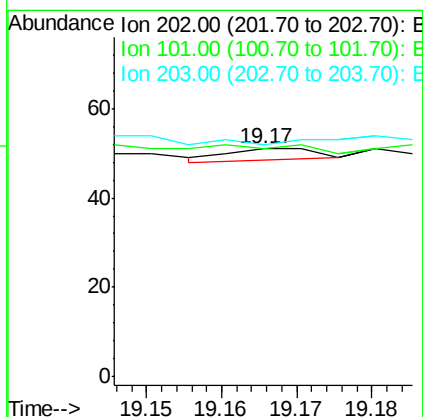
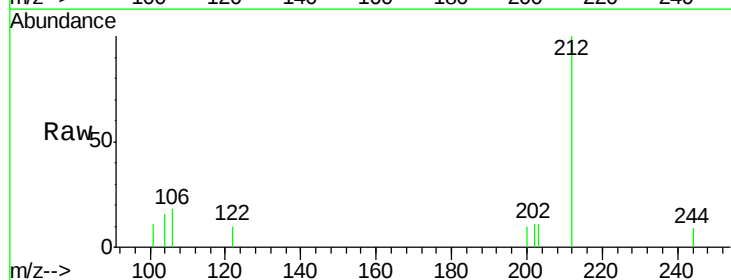
Instrument :
 BNA_N
 ClientSampleId :
 PB118052BL

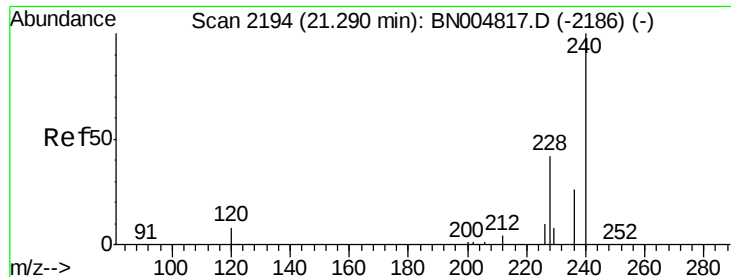
Tot Ion:212 Resp: 9127
 Ion Ratio Lower Upper
 212 100
 106 10.2 8.6 13.0
 104 5.8 4.7 7.1



#26
 Fluoranthene
 Concen: 0.000 ng
 RT: 19.17 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BN004831.D
 Acq: 20 Mar 2019 22:17

Tgt Ion:202 Resp: 2
 Ion Ratio Lower Upper
 202 100
 101 0.0 7.5 11.3#
 203 150.0 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: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

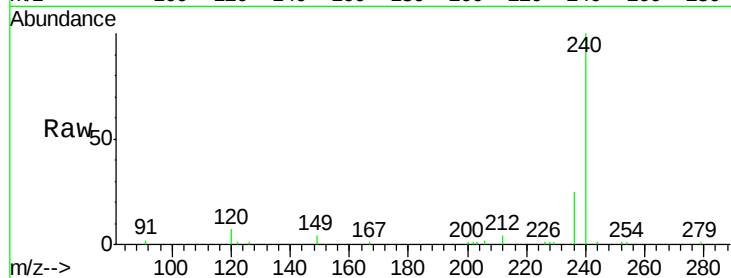
Tot Ion:240 Resp: 12759

Ion Ratio Lower Upper

240 100

120 6.5 7.2 10.8#

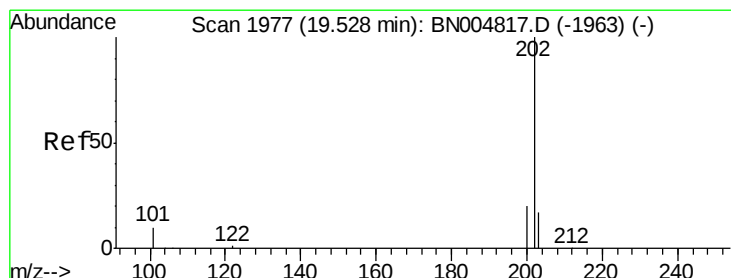
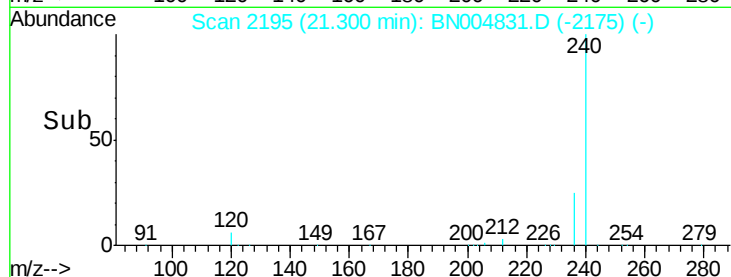
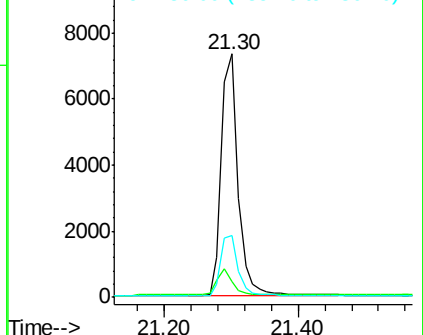
236 25.5 20.9 31.3



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: 0.000 ng

RT: 19.55 min Scan# 1981

Delta R.T. 0.02 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

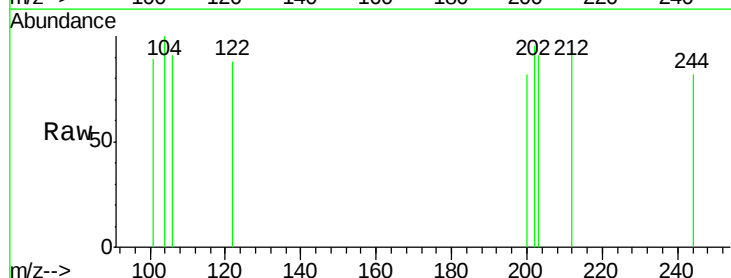
Tgt Ion:202 Resp: 10

Ion Ratio Lower Upper

202 100

200 0.0 16.3 24.5#

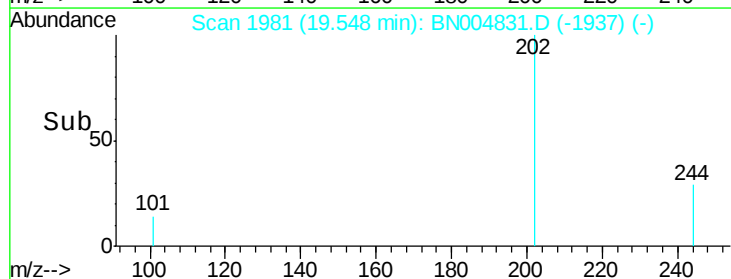
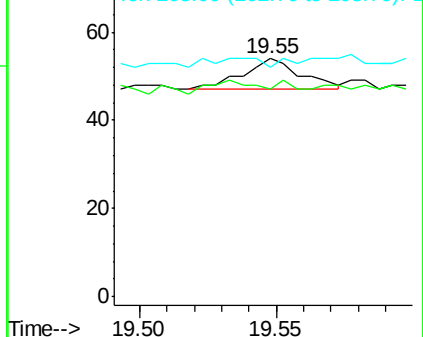
203 0.0 14.0 21.0#

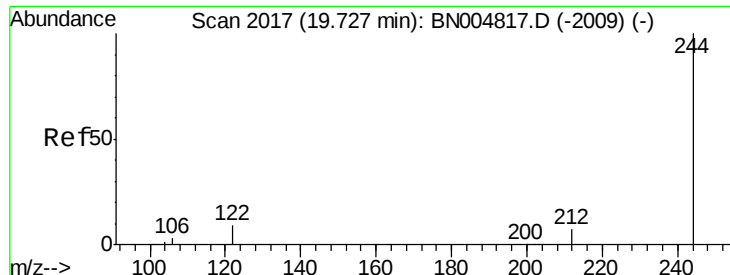


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.294 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

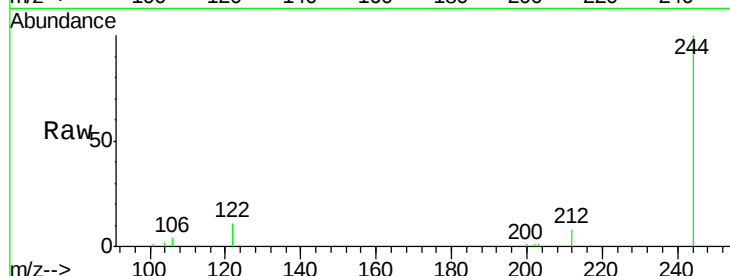
Tot Ion:244 Resp: 7664

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

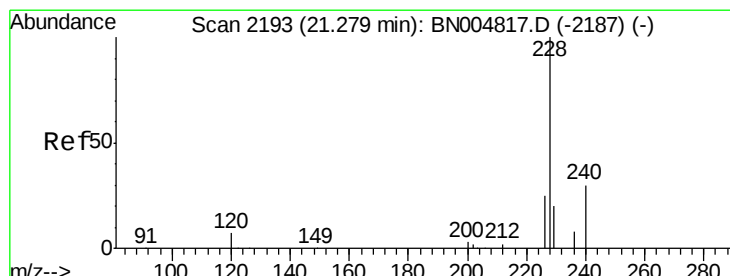
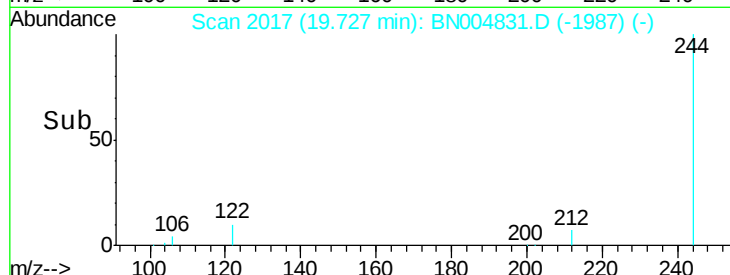
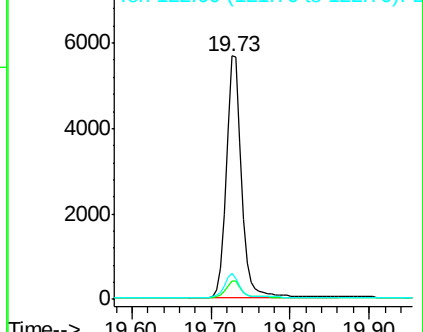
122 10.6 7.9 11.9



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: 0.002 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

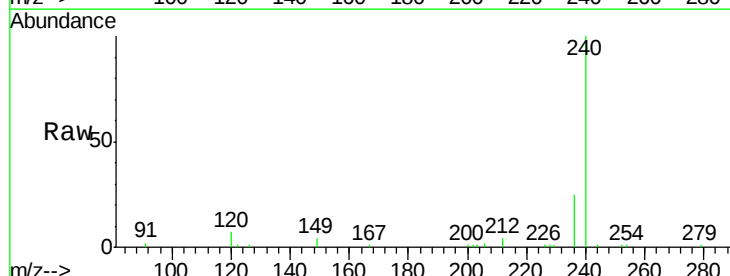
Tgt Ion:228 Resp: 84

Ion Ratio Lower Upper

228 100

226 74.3 20.6 31.0#

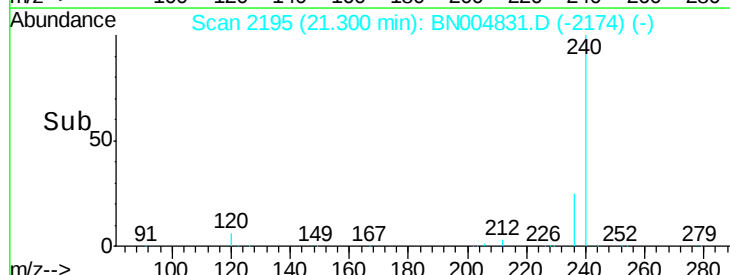
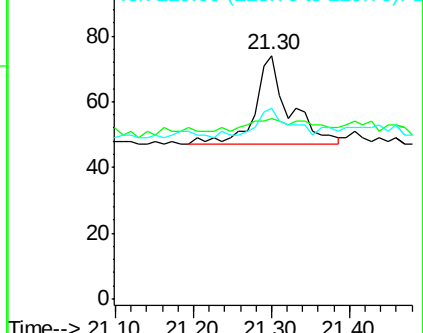
229 78.4 16.2 24.4#

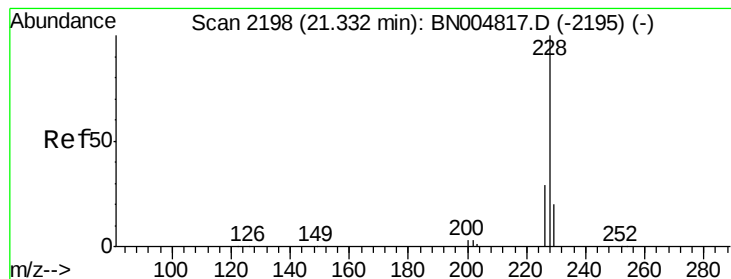


Abundance Ion 228.00 (227.70 to 228.70): E

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: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

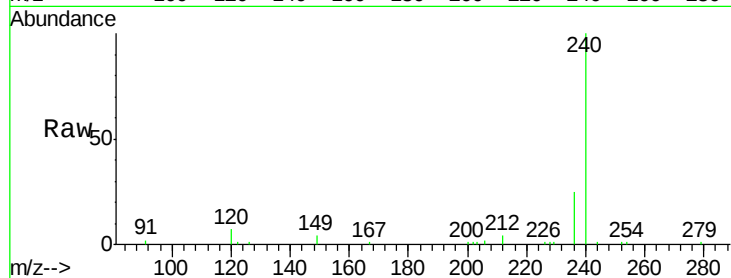
Tot Ion:228 Resp: 60

Ion Ratio Lower Upper

228 100

226 74.3 23.0 34.6#

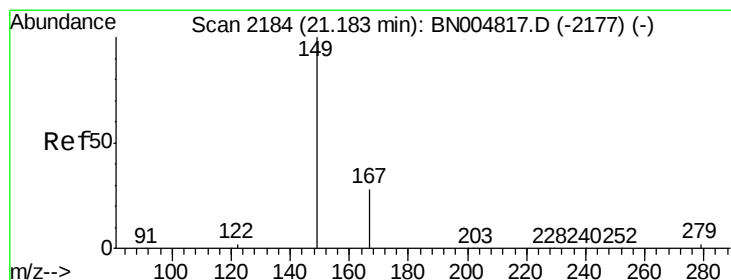
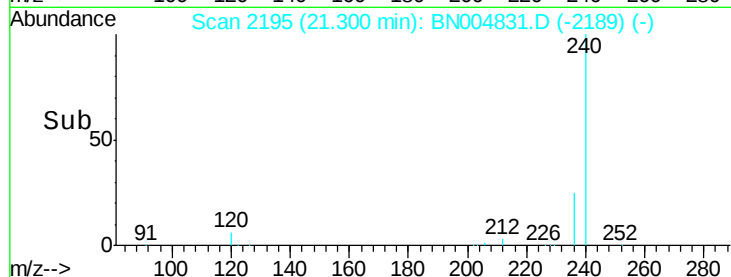
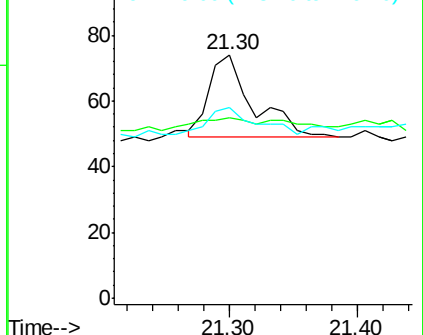
229 78.4 16.2 24.2#



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: 0.031 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

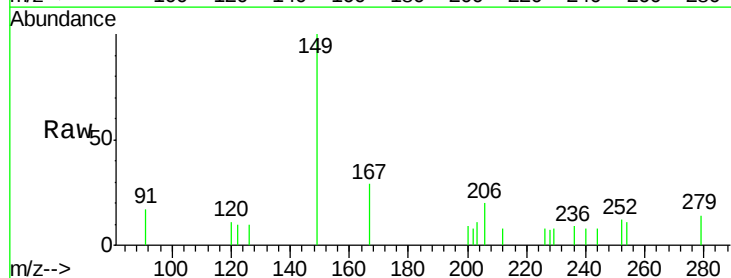
Tgt Ion:149 Resp: 515

Ion Ratio Lower Upper

149 100

167 29.5 23.0 34.4

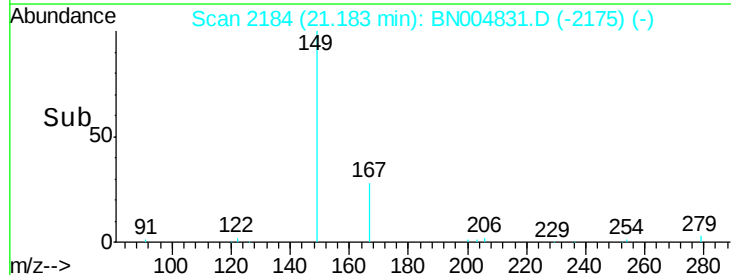
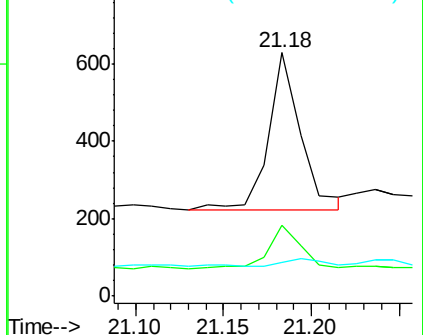
279 6.0 4.6 6.8

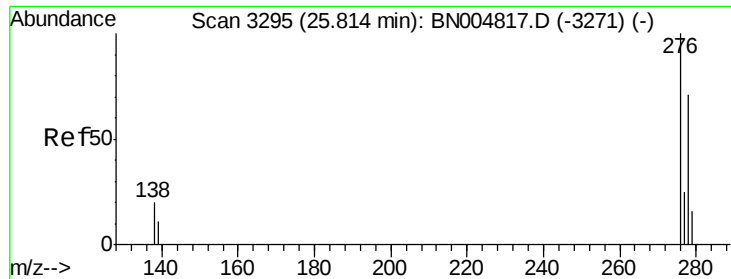


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.003 ng

RT: 25.89 min Scan# 3317

Delta R.T. 0.08 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

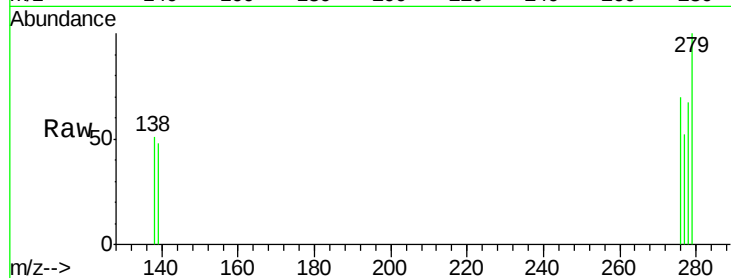
Tot Ion:276 Resp: 180

Ion Ratio Lower Upper

276 100

138 8.9 16.6 24.8#

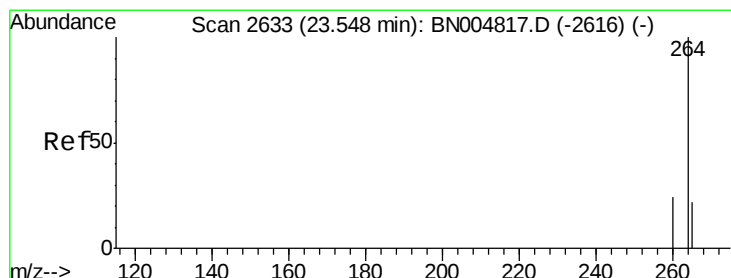
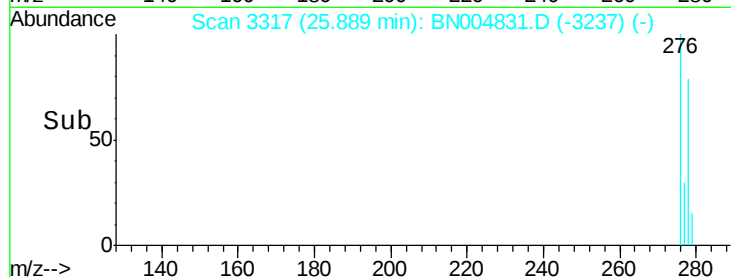
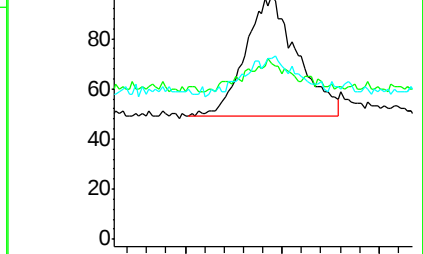
277 3.9 20.3 30.5#



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# 2634

Delta R.T. 0.00 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

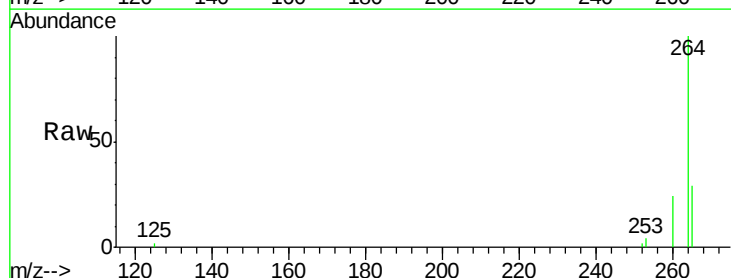
Tgt Ion:264 Resp: 14930

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

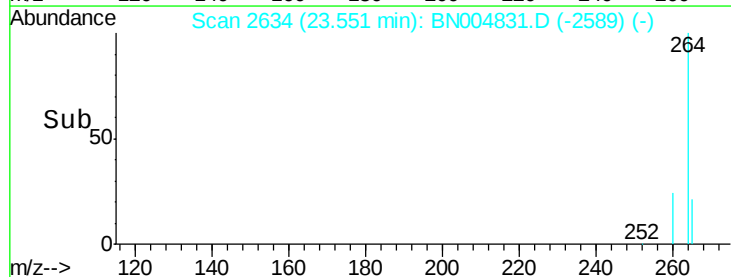
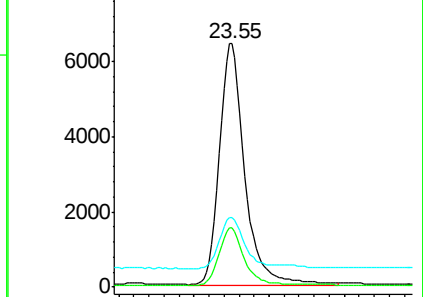
265 28.8 23.1 34.7

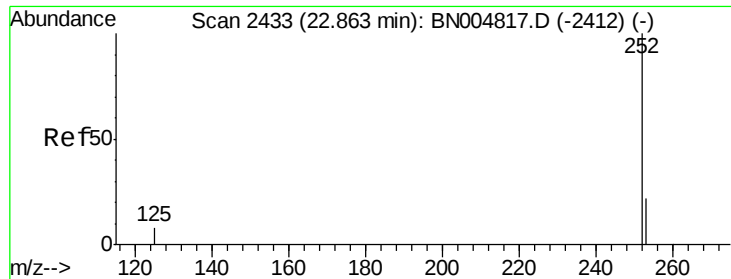


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.001 ng

RT: 22.88 min Scan# 2438

Delta R.T. 0.02 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

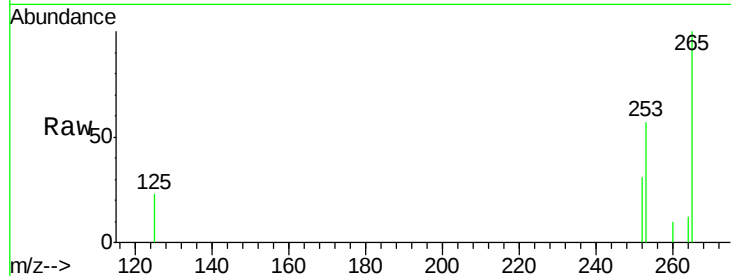
Tot Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

253 184.8 19.0 28.4#

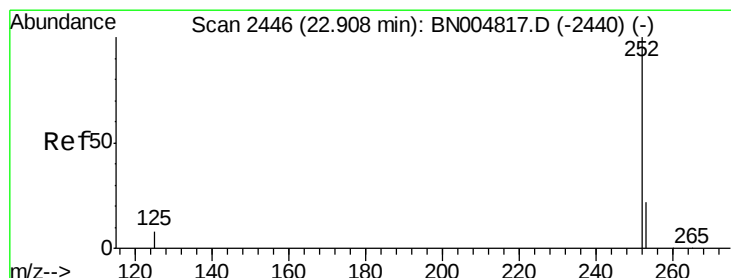
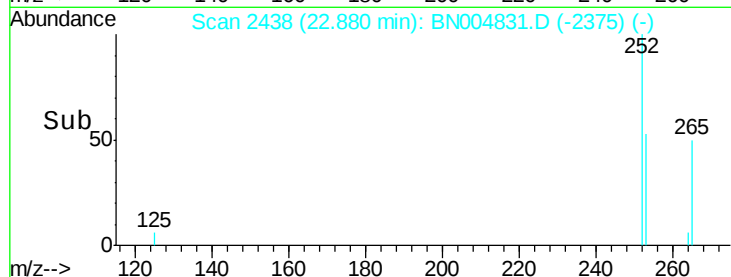
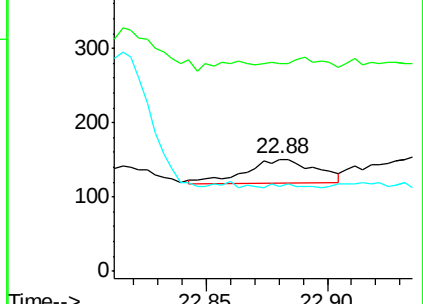
125 76.2 7.4 11.2#



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: 0.001 ng

RT: 22.94 min Scan# 2454

Delta R.T. 0.03 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

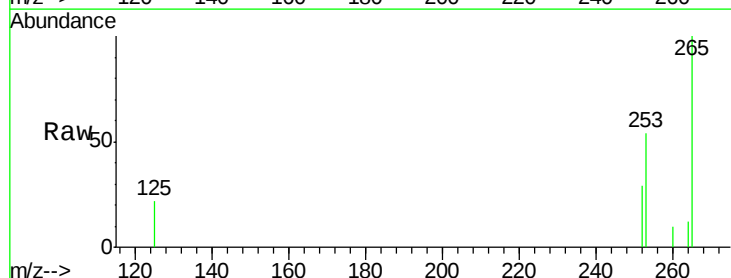
Tgt Ion:252 Resp: 68

Ion Ratio Lower Upper

252 100

253 183.0 19.3 28.9#

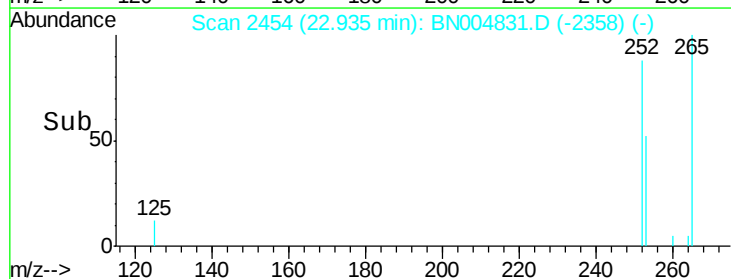
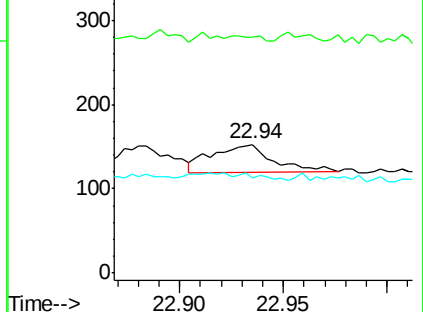
125 73.9 7.4 11.0#

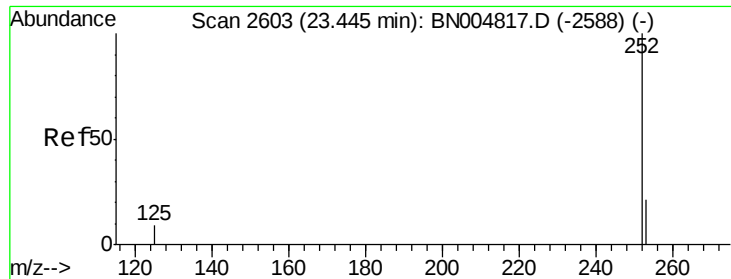


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.48 min Scan# 2612

Delta R.T. 0.03 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL

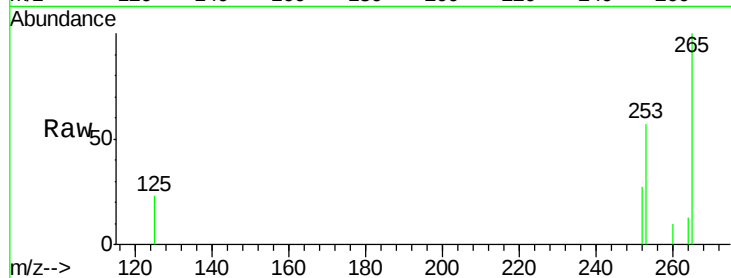
Tot Ion:252 Resp: 48

Ion Ratio Lower Upper

252 100

253 210.8 19.7 29.5#

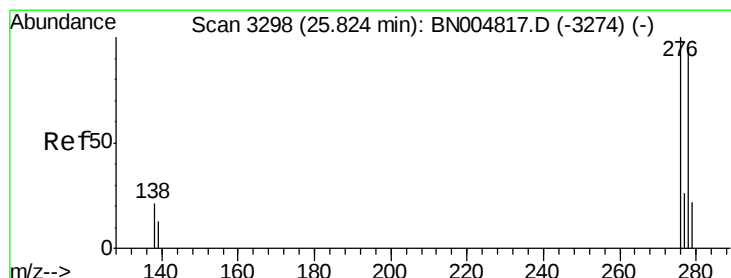
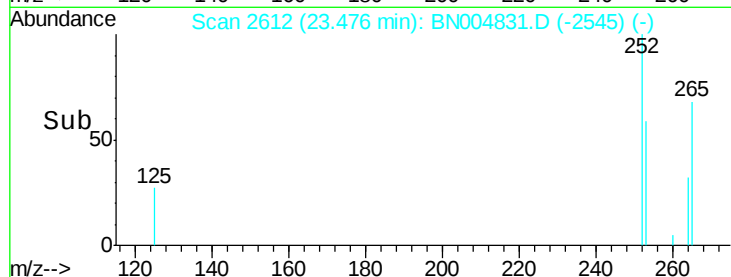
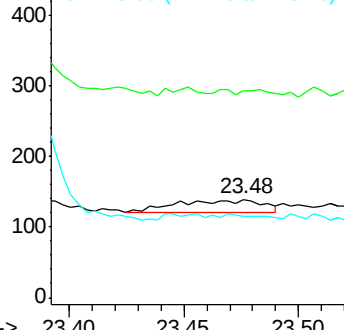
125 83.5 8.3 12.5#



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: 0.003 ng

RT: 25.89 min Scan# 3316

Delta R.T. 0.06 min

Lab File: BN004831.D

Acq: 20 Mar 2019 22:17

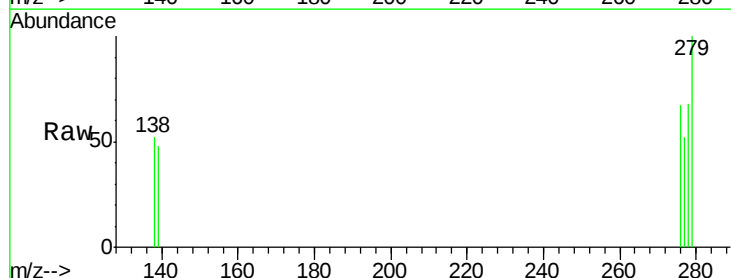
Tgt Ion:278 Resp: 165

Ion Ratio Lower Upper

278 100

139 70.5 11.7 17.5#

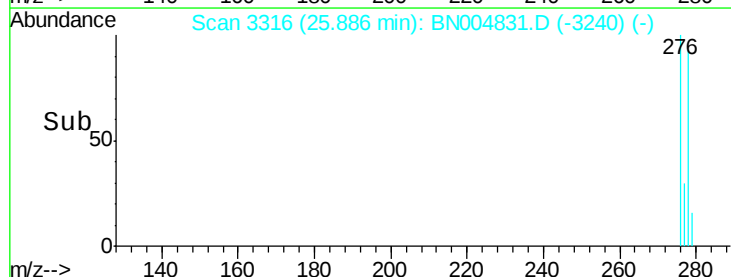
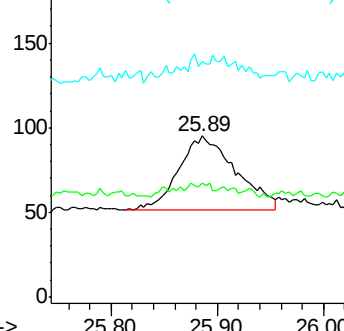
279 146.3 19.9 29.9#

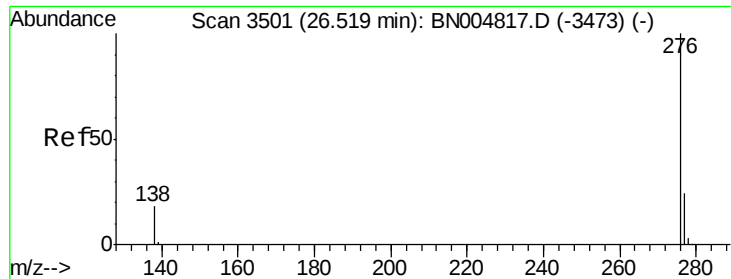


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.003 ng

RT: 26.58 min Scan# 3518

Delta R.T. 0.06 min

Lab File: BN004831.D

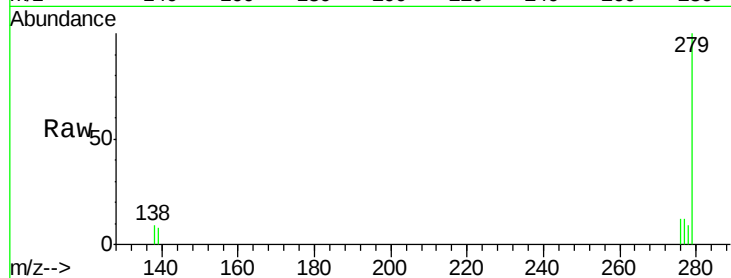
Acq: 20 Mar 2019 22:17

Instrument :

BNA_N

ClientSampleId :

PB118052BL



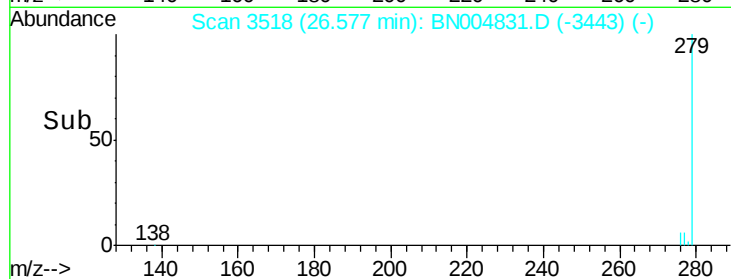
Tot Ion: 276 Resp: 179

Ion Ratio Lower Upper

276 100

277 106.8 19.7 29.5#

138 77.3 14.6 22.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

