

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
 Data File : BN005033.D
 Acq On : 29 Mar 2019 14:41
 Operator : JU/SJ
 Sample : PB117507BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB117507BL

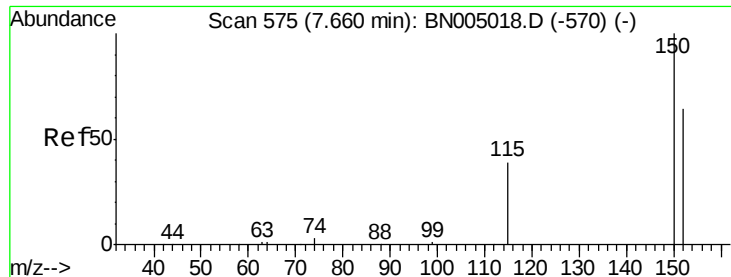
Quant Time: Mar 30 00:24:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2809	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	10647	0.40	ng	0.01
13) Acenaphthene-d10	14.31	164	6012	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	14736	0.40	ng	0.01
27) Chrysene-d12	21.27	240	15004	0.40	ng	0.01
34) Perylene-d12	23.50	264	13649	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2270	0.32	ng	0.00
5) Phenol-d6	6.86	99	2347	0.28	ng	0.02
8) Nitrobenzene-d5	8.86	82	1755	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	12.06	152	5232	0.32	ng	0.02
14) 2,4,6-Tribromophenol	15.84	330	731	0.22	ng	0.02
15) 2-Fluorobiphenyl	12.94	172	7401	0.33	ng	0.02
25) Fluoranthene-d10	19.10	212	13855	0.33	ng	0.00
29) Terphenyl-d14	19.70	244	10007	0.32	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	4	0.001	ng	# 26
3) n-Nitrosodimethylamine	3.52	42	16	0.009	ng	# 1
6) bis(2-Chloroethyl)ether	7.10	93	6	0.001	ng	# 14
9) Naphthalene	10.49	128	11	0.000	ng	# 1
10) Hexachlorobutadiene	10.71	225	3	0.001	ng	# 18
12) 2-Methylnaphthalene	12.14	142	3	0.000	ng	# 54
16) Acenaphthylene	14.03	152	2	0.000	ng	# 47
17) Acenaphthene	14.37	154	2	0.000	ng	# 1
18) Fluorene	15.39	166	17	0.001	ng	# 9
20) 4-Bromophenyl-phenylether	16.27	248	8	0.001	ng	# 72
21) Hexachlorobenzene	16.37	284	8	0.001	ng	# 18
23) Phenanthrene	17.11	178	45	0.001	ng	# 91
24) Anthracene	17.23	178	26	0.001	ng	# 75
26) Fluoranthene	19.14	202	226	0.004	ng	# 95
28) Pyrene	19.51	202	129	0.003	ng	# 90
30) Benzo(a)anthracene	21.27	228	303	0.007	ng	# 60
31) Chrysene	21.31	228	683	0.015	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.15	149	94	0.005	ng	# 89
33) Indeno(1,2,3-cd)pyrene	25.83	276	95	0.002	ng	# 59
35) Benzo(b)fluoranthene	22.84	252	362	0.008	ng	# 1
36) Benzo(k)fluoranthene	22.88	252	360	0.009	ng	# 1
37) Benzo(a)pyrene	23.43	252	132	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	25.76	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.42	276	7	0.000	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.66 min Scan# 575

Delta R.T. -0.00 min

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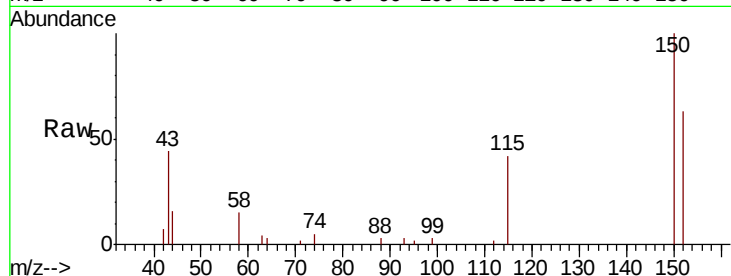
Tot Ion:152 Resp: 2809

Ion Ratio Lower Upper

152 100

150 157.9 123.4 185.2

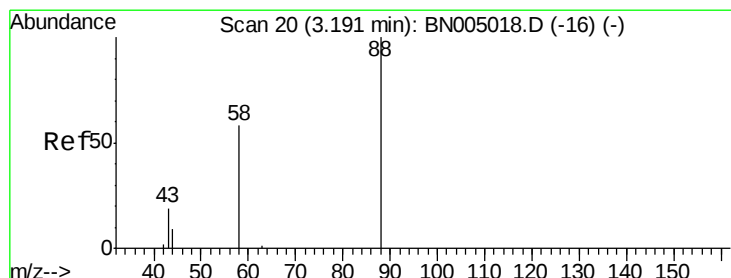
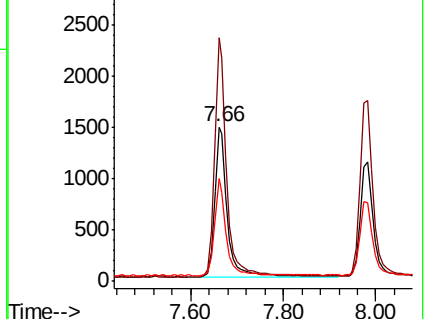
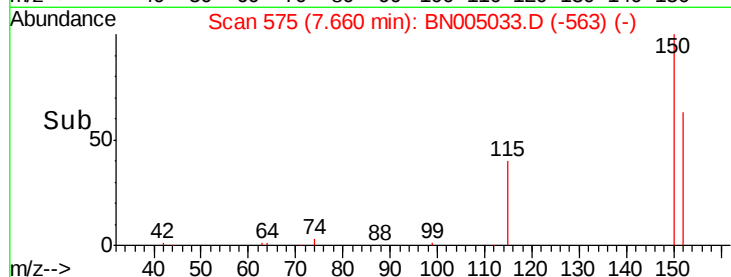
115 66.4 50.0 75.0



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: 0.001 ng

RT: 3.24 min Scan# 26

Delta R.T. 0.05 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

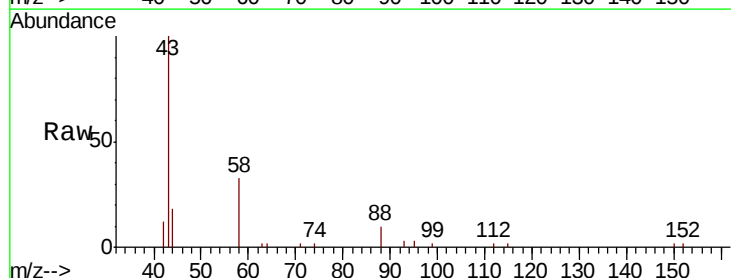
Tgt Ion: 88 Resp: 4

Ion Ratio Lower Upper

88 100

58 0.0 52.8 79.2#

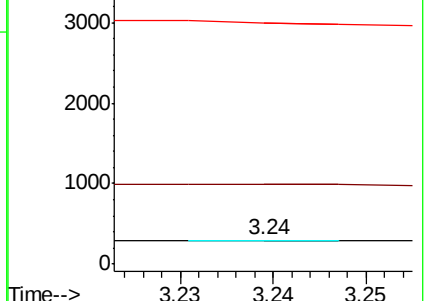
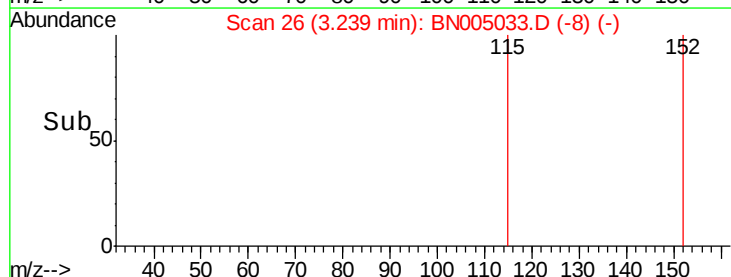
43 0.0 19.6 29.4#

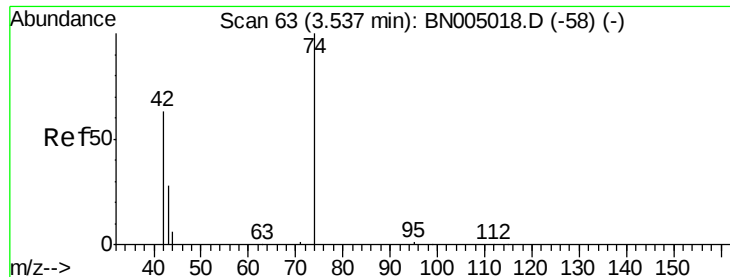


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.009 ng

RT: 3.52 min Scan# 61

Delta R.T. -0.02 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

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PB117507BL

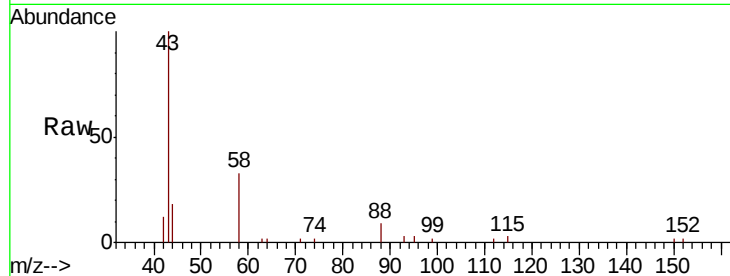
Tot Ion: 42 Resp: 16

Ion Ratio Lower Upper

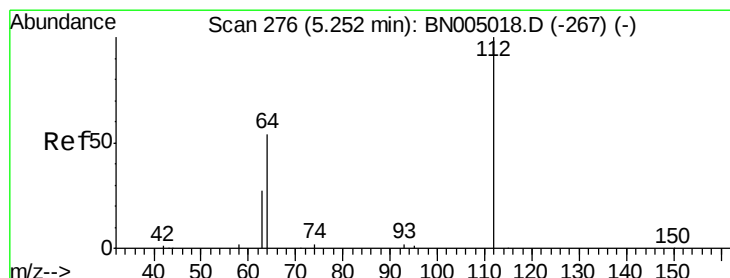
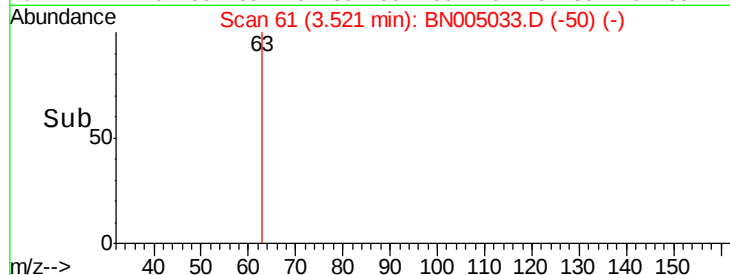
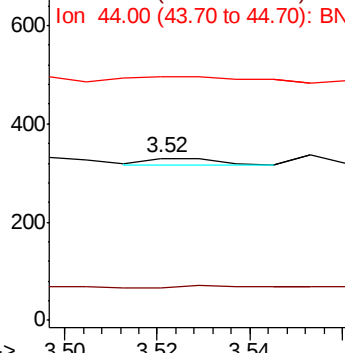
42 100

74 37.5 129.1 193.7#

44 150.0 11.6 17.4#



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: 0.324 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

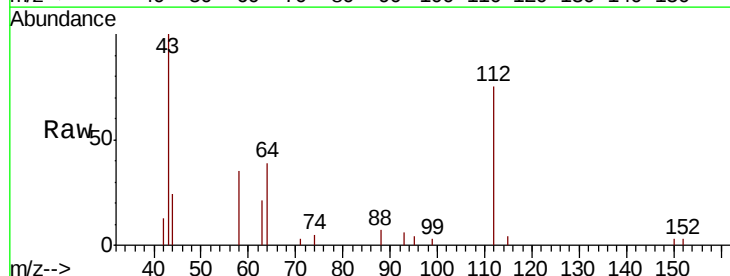
Tgt Ion: 112 Resp: 2270

Ion Ratio Lower Upper

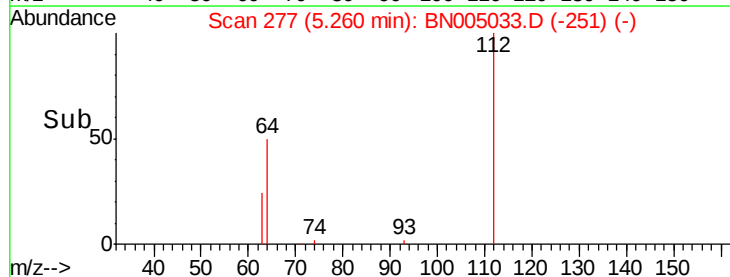
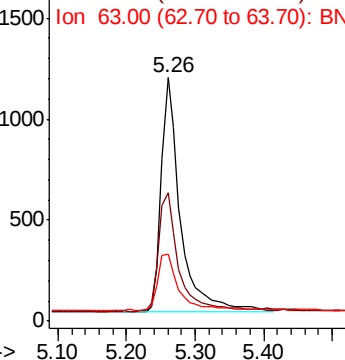
112 100

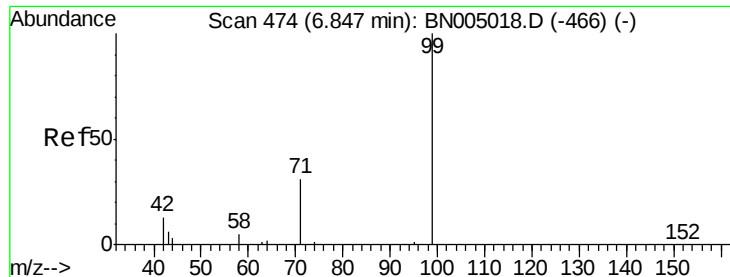
64 52.6 41.9 62.9

63 26.6 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.283 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.02 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

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PB117507BL

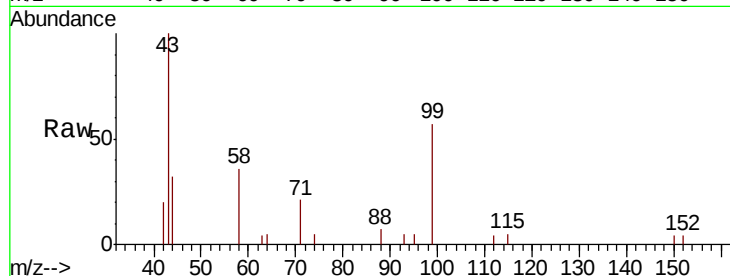
Tot Ion: 99 Resp: 2347

Ion Ratio Lower Upper

99 100

42 12.7 12.2 18.2

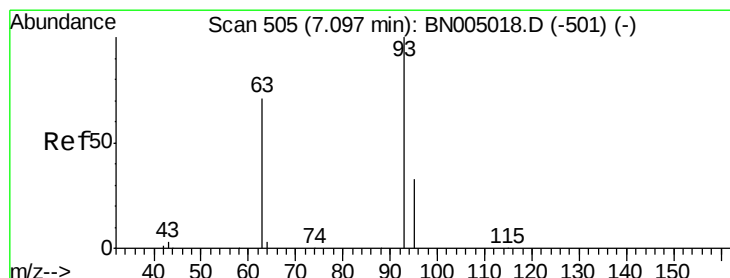
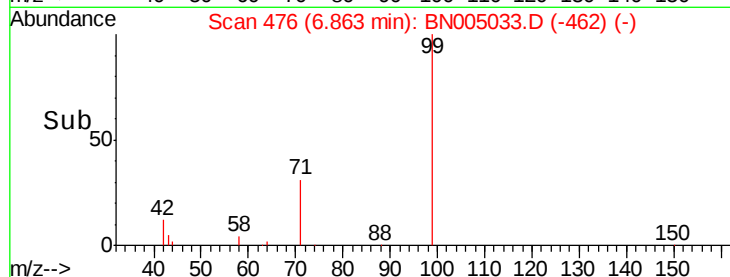
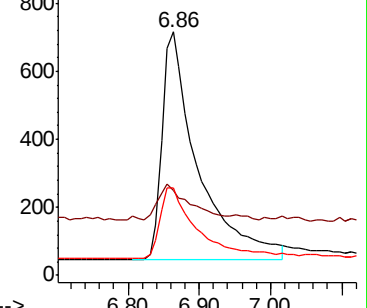
71 31.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.10 min Scan# 505

Delta R.T. -0.00 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

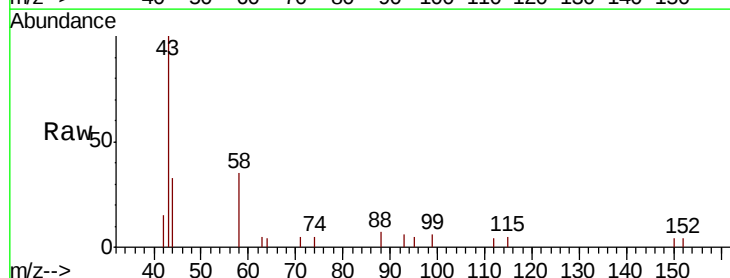
Tgt Ion: 93 Resp: 6

Ion Ratio Lower Upper

93 100

63 0.0 51.8 77.6#

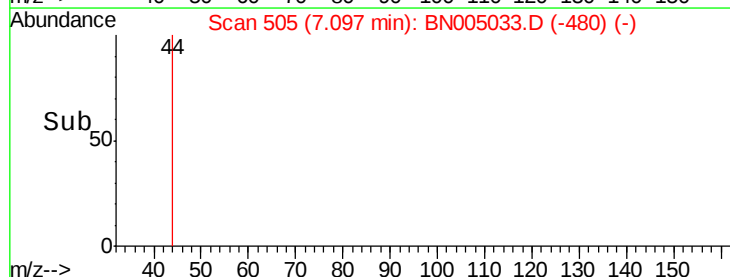
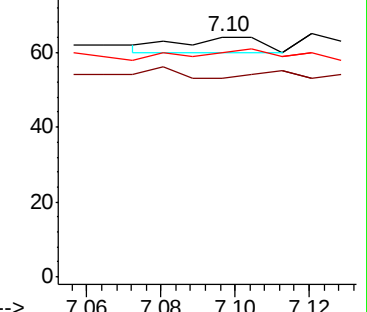
95 83.3 24.8 37.2#

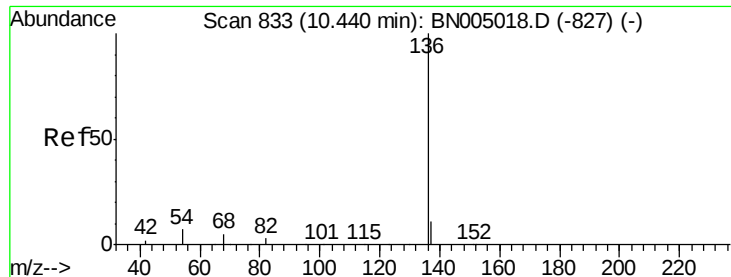


Abundance Ion 93.00 (92.70 to 93.70): BN005018.D (-501) (-)

Ion 63.00 (62.70 to 63.70): BN005018.D (-501) (-)

Ion 95.00 (94.70 to 95.70): BN005018.D (-501) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.01 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

Tot Ion:136 Resp: 10647

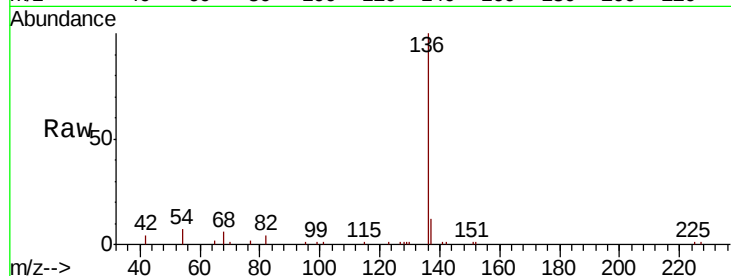
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 7.1 6.0 9.0

68 6.0 5.0 7.6

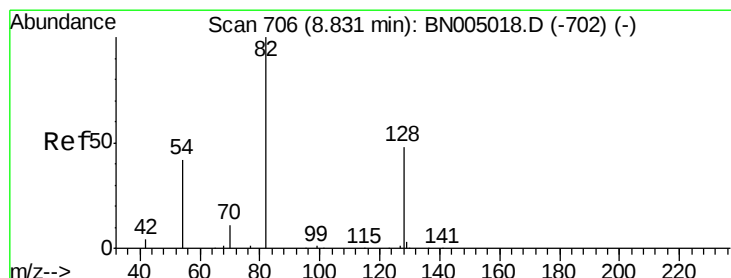
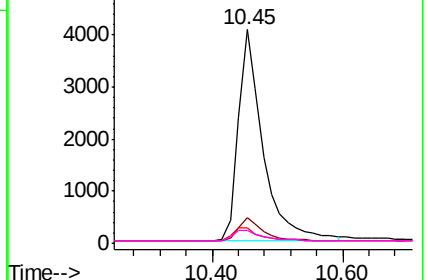
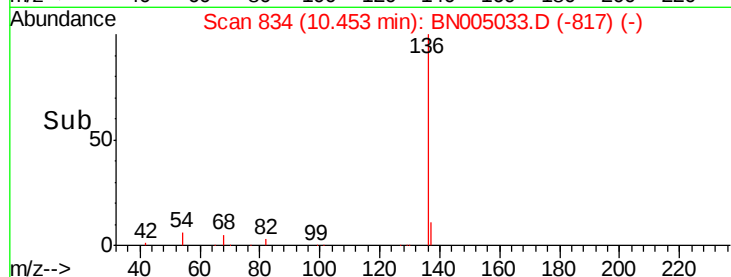


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.284 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

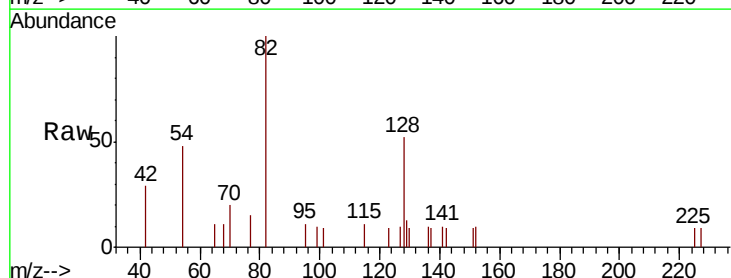
Tgt Ion: 82 Resp: 1755

Ion Ratio Lower Upper

82 100

128 52.1 40.5 60.7

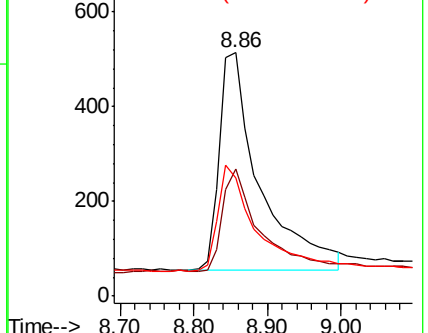
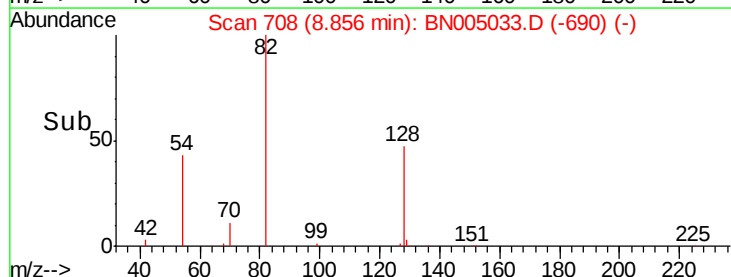
54 48.4 35.7 53.5

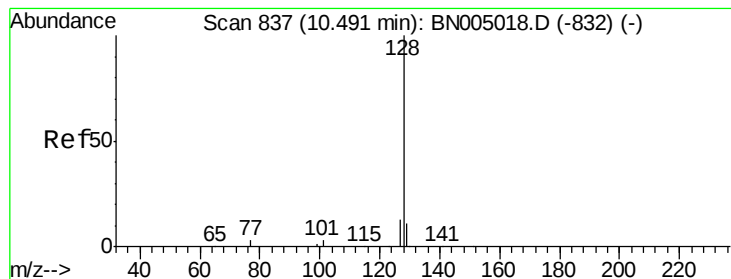


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.000 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

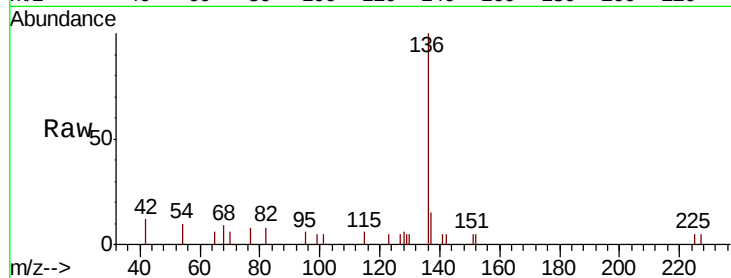
Tot Ion:128 Resp: 11

Ion Ratio Lower Upper

128 100

129 92.9 9.4 14.2#

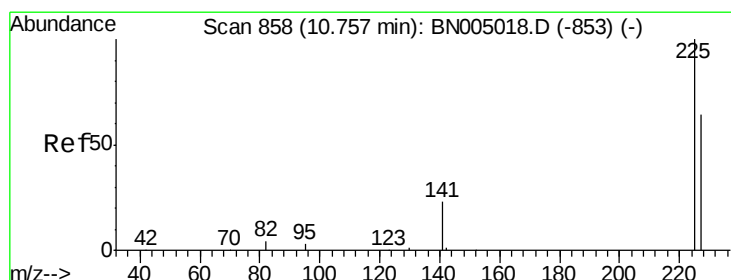
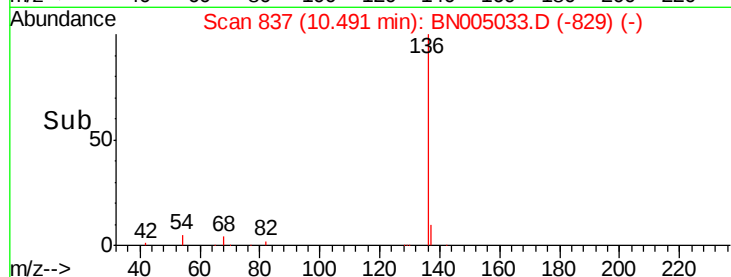
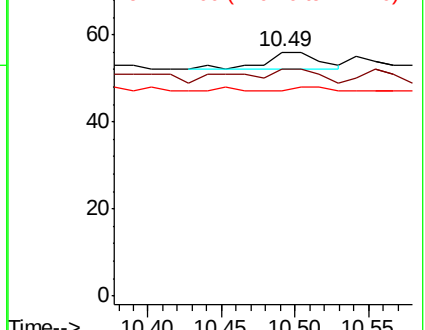
127 83.9 11.0 16.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.05 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

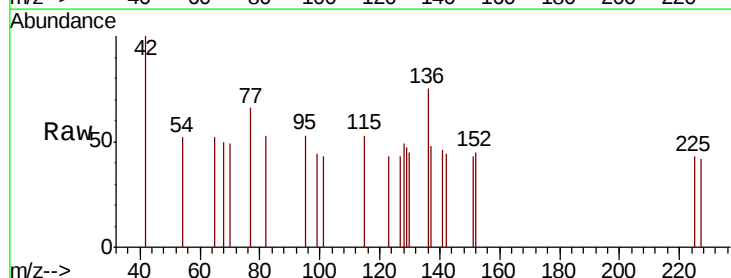
Tgt Ion:225 Resp: 3

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

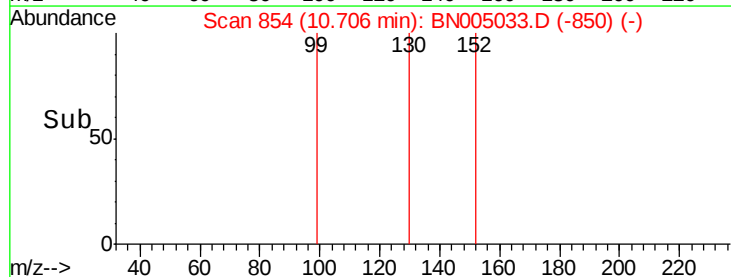
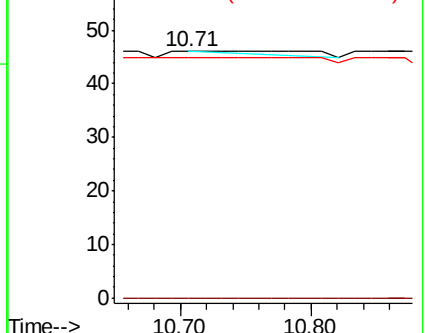
227 0.0 51.5 77.3#

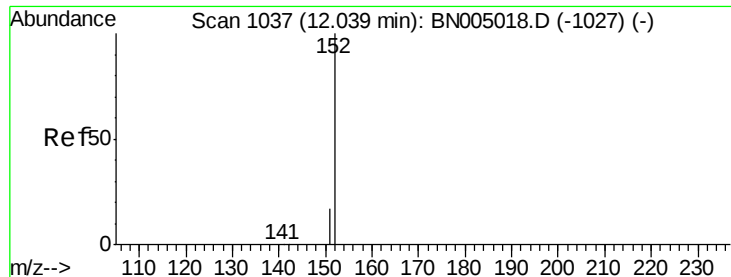


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

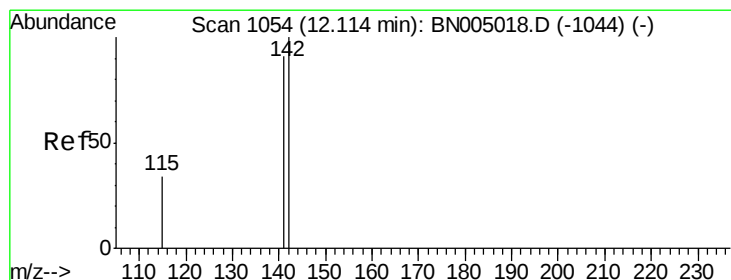
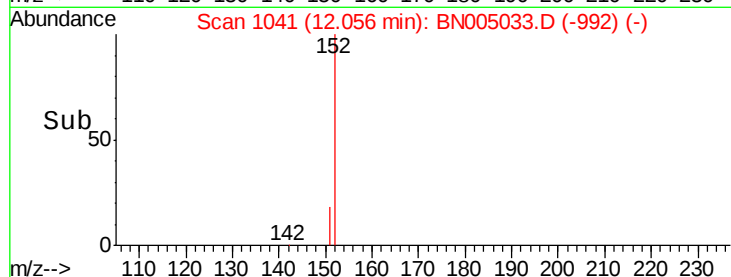
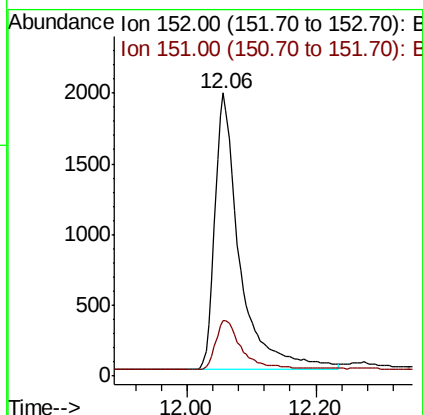
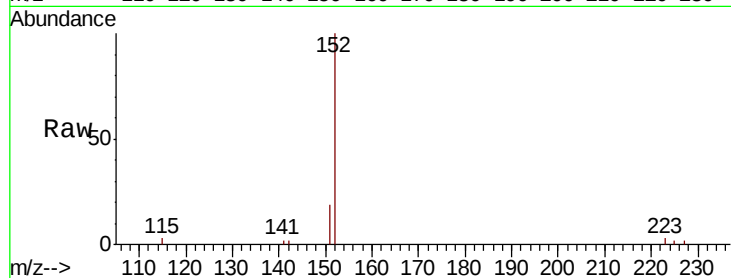




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.06 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BN005033.D
Acq: 29 Mar 2019 14:41

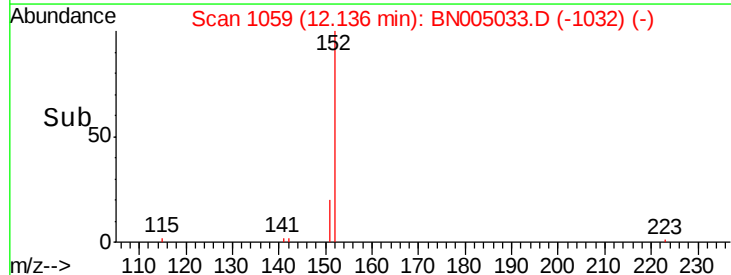
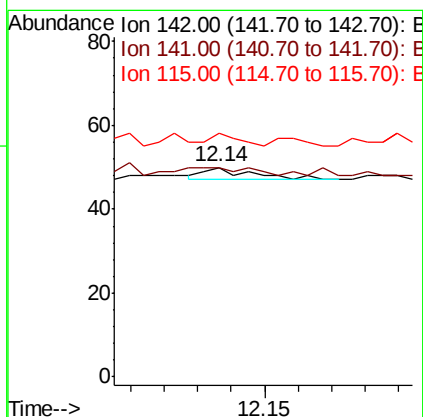
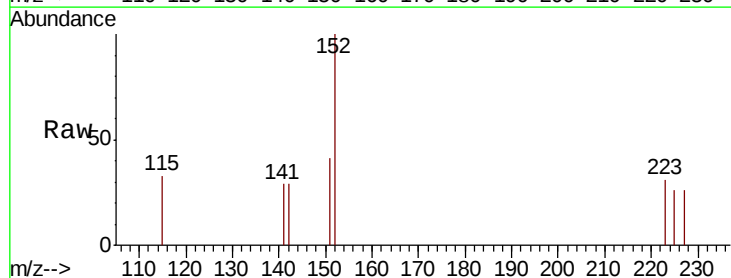
Instrument :
BNA_N
ClientSampleId :
PB117507BL

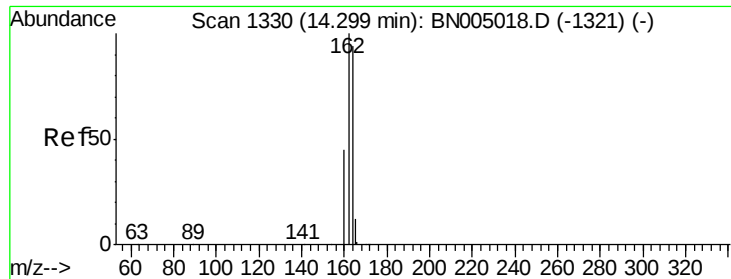
Tot Ion:152 Resp: 5232
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.14 min Scan# 1059
Delta R.T. 0.02 min
Lab File: BN005033.D
Acq: 29 Mar 2019 14:41

Tgt Ion:142 Resp: 3
Ion Ratio Lower Upper
142 100
141 100.0 72.6 108.8
115 116.0 27.8 41.8#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

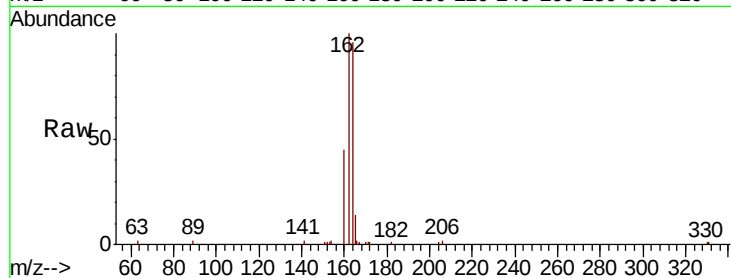
Tot Ion:164 Resp: 6012

Ion Ratio Lower Upper

164 100

162 104.5 85.3 127.9

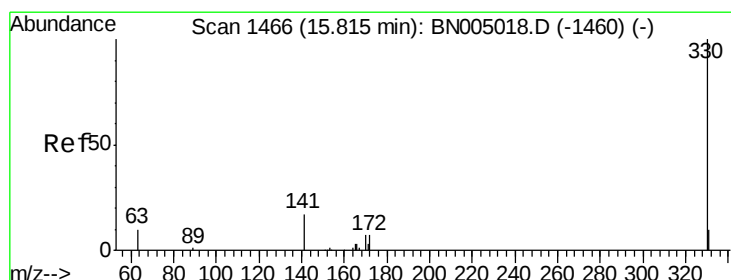
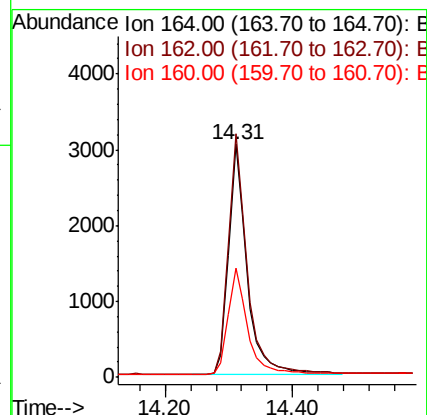
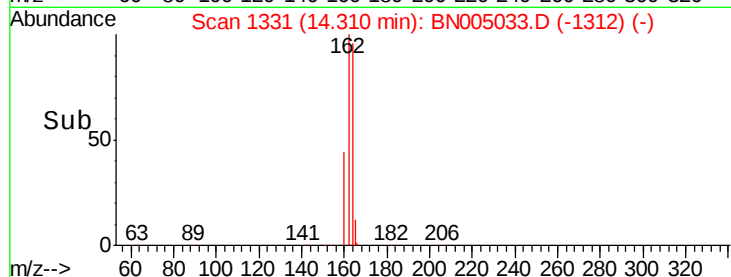
160 46.8 39.2 58.8



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: 0.217 ng

RT: 15.84 min Scan# 1468

Delta R.T. 0.02 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

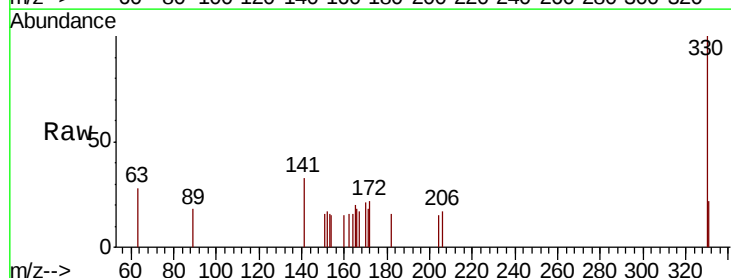
Tgt Ion:330 Resp: 731

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

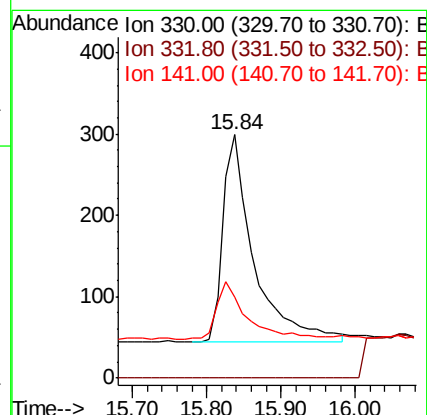
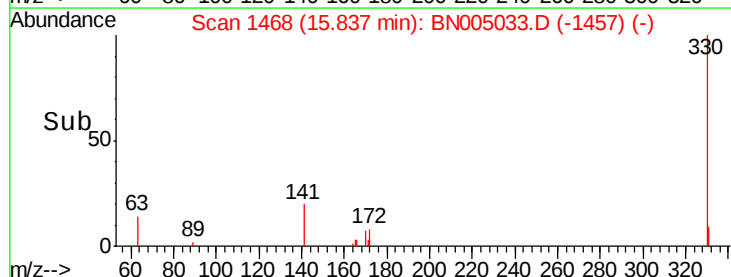
141 27.1 21.3 31.9

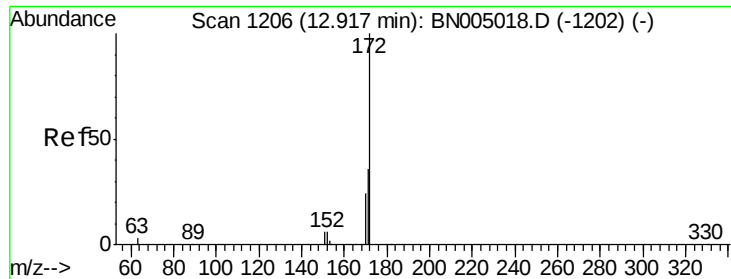


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

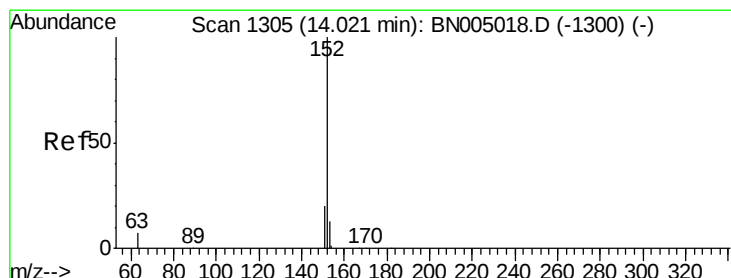
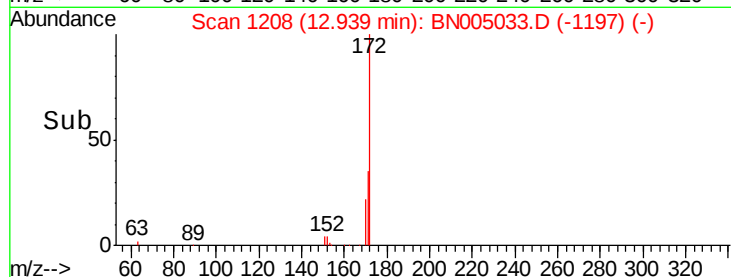
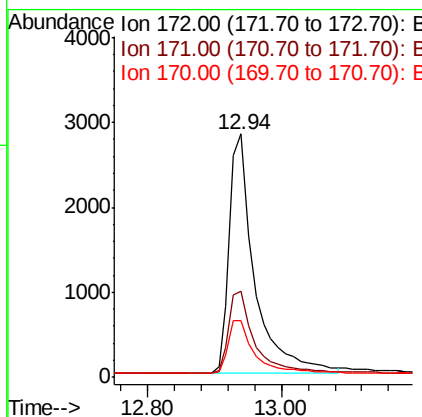
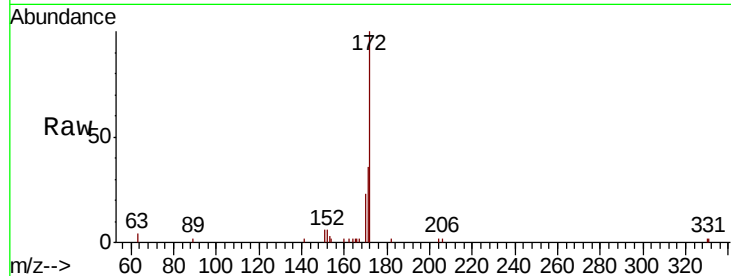




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.94 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BN005033.D
Acq: 29 Mar 2019 14:41

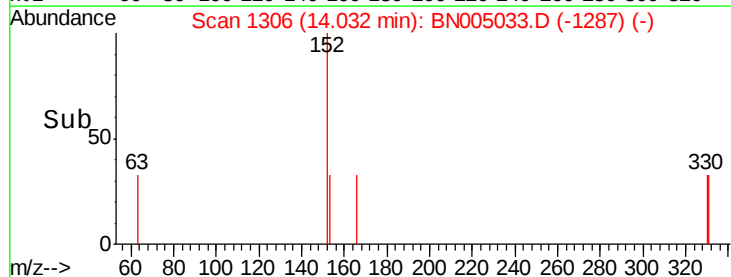
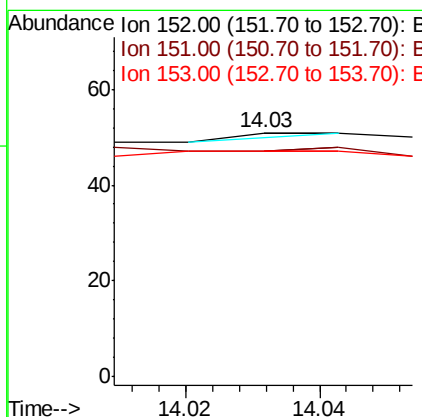
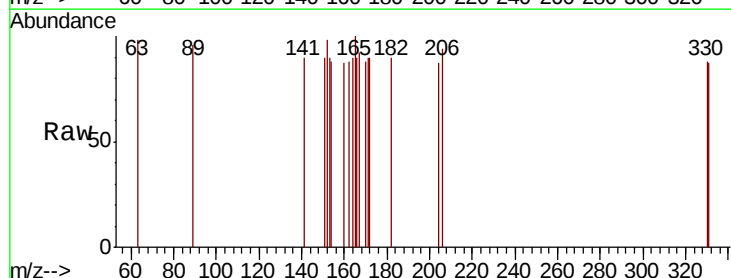
Instrument :
BNA_N
ClientSampleId :
PB117507BL

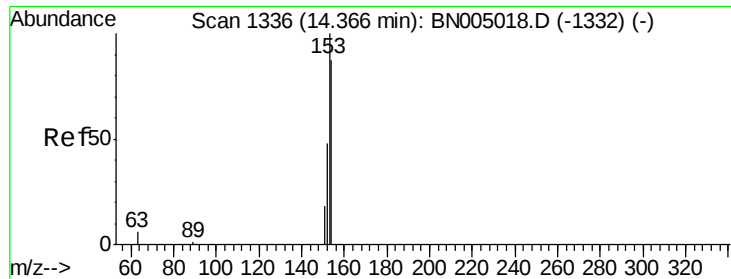
Tot Ion:172 Resp: 7401
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.2 20.0 30.0



#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005033.D
Acq: 29 Mar 2019 14:41

Tgt Ion:152 Resp: 2
Ion Ratio Lower Upper
152 100
151 50.0 15.8 23.6#
153 0.0 10.6 15.8#





#17

Acenaphthene

Concen: 0.000 ng

RT: 14.37 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

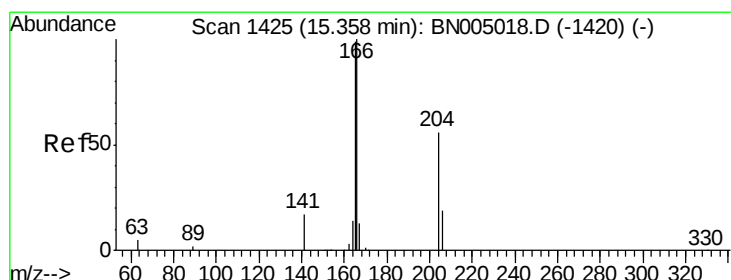
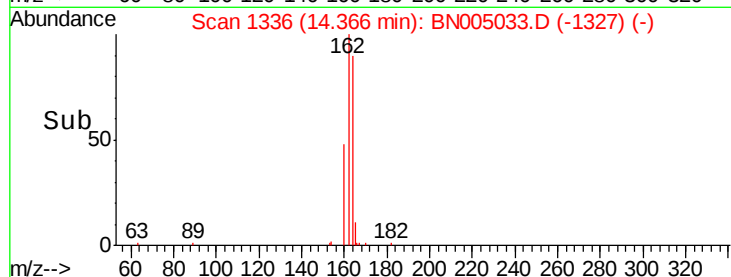
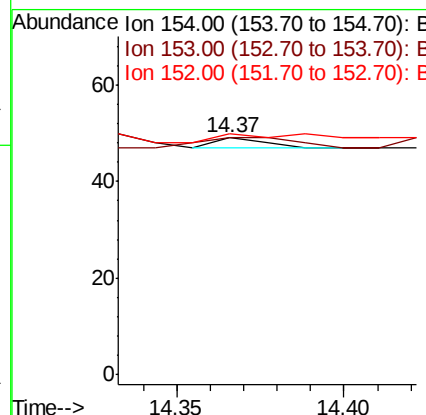
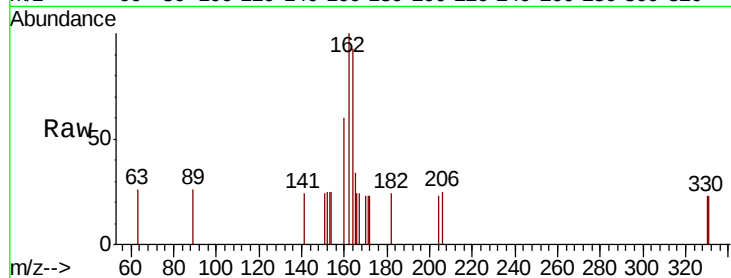
Instrument :

BNA_N

ClientSampleId :

PB117507BL

Tot Ion:	154	Resp:	2
Ion	Ratio	Lower	Upper
154	100		
153	200.0	92.1	138.1#
152	450.0	44.2	66.2#



#18

Fluorene

Concen: 0.001 ng

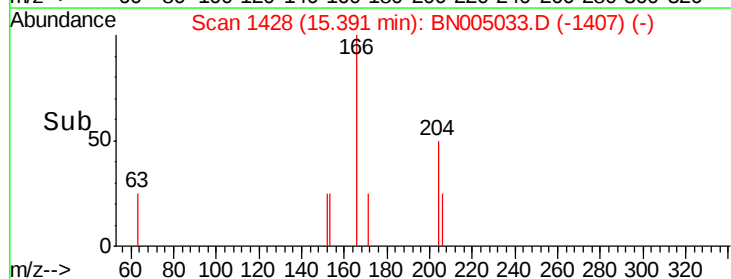
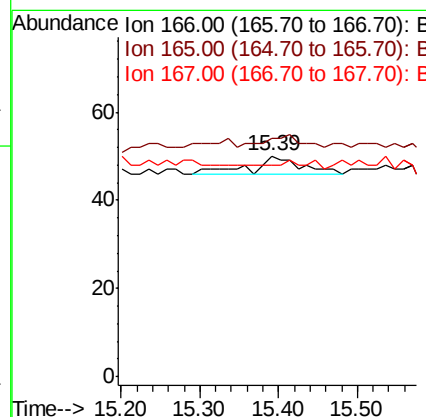
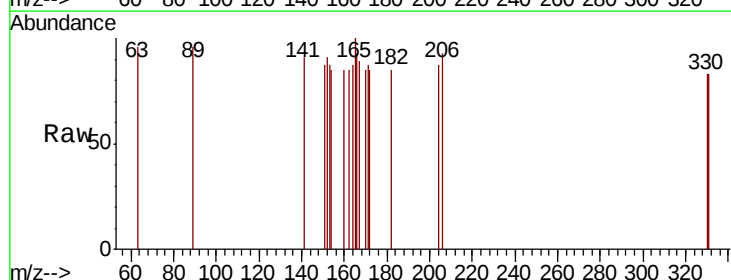
RT: 15.39 min Scan# 1428

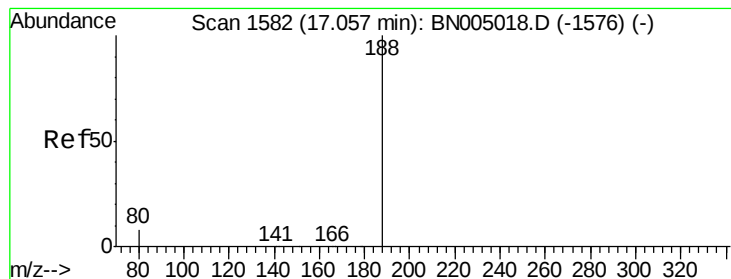
Delta R.T. 0.03 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Tgt Ion:	166	Resp:	17
Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.7	118.1#
167	0.0	10.9	16.3#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

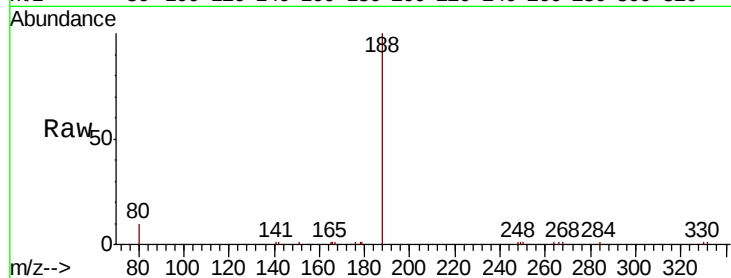
Tot Ion:188 Resp: 14736

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

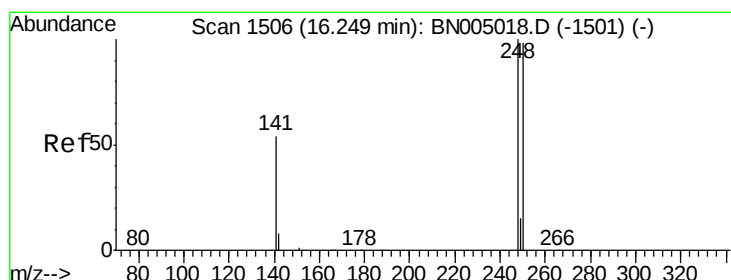
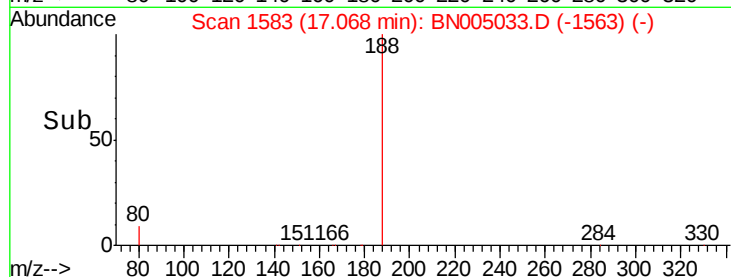
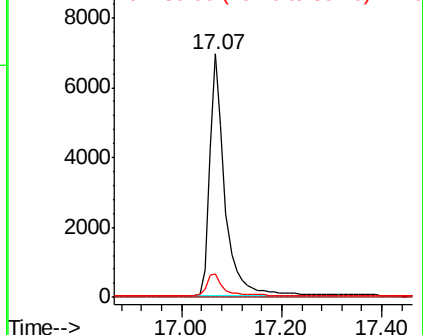
80 9.5 6.9 10.3



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: 0.001 ng

RT: 16.27 min Scan# 1508

Delta R.T. 0.02 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

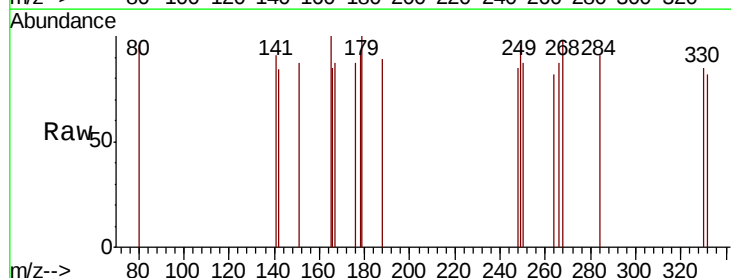
Tgt Ion:248 Resp: 8

Ion Ratio Lower Upper

248 100

250 102.1 78.6 117.8

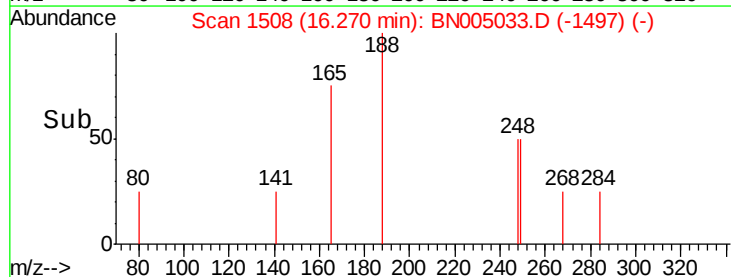
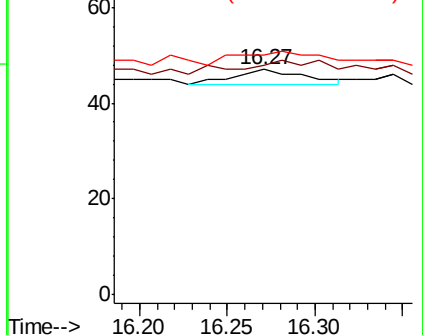
141 106.4 43.6 65.4#

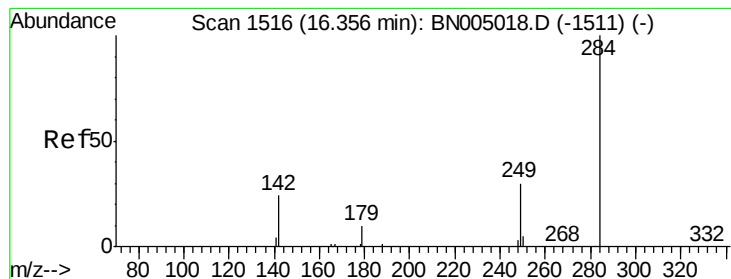


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.37 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

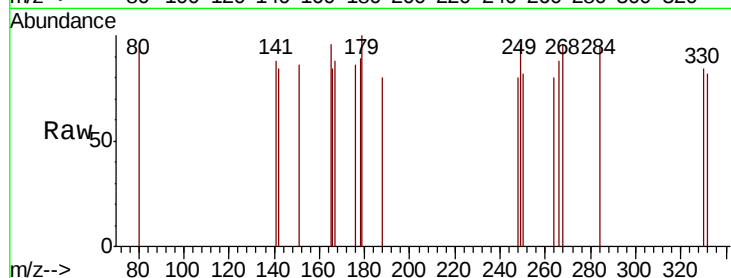
Tot Ion:284 Resp: 8

Ion Ratio Lower Upper

284 100

142 87.5 24.9 37.3#

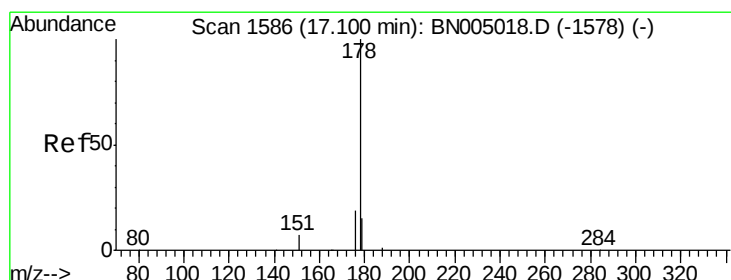
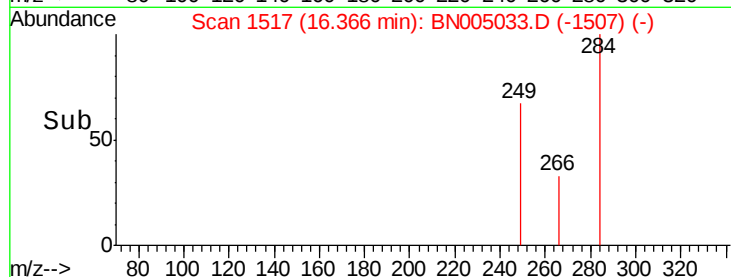
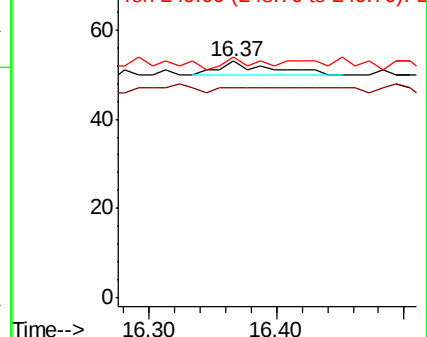
249 62.5 23.8 35.6#



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



#23

Phenanthrene

Concen: 0.001 ng

RT: 17.11 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

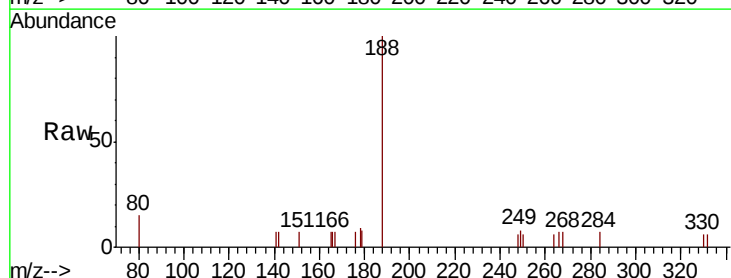
Tgt Ion:178 Resp: 45

Ion Ratio Lower Upper

178 100

176 13.3 15.1 22.7#

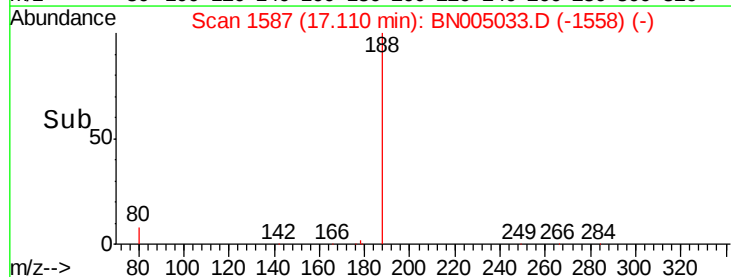
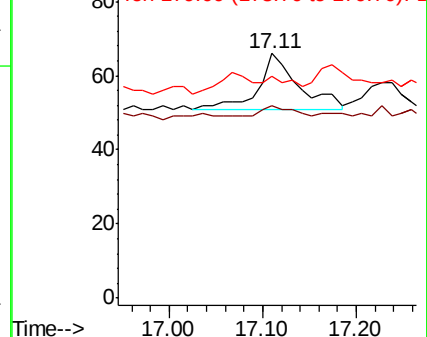
179 13.3 12.2 18.2

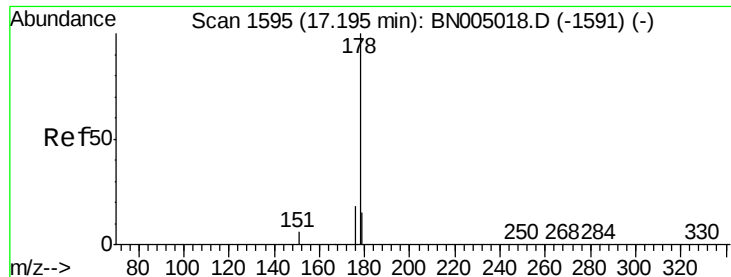


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.001 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.03 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

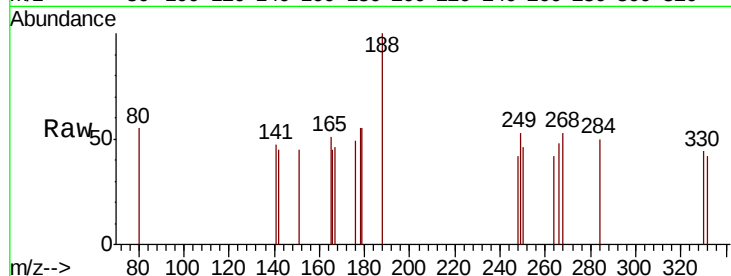
Tot Ion:178 Resp: 26

Ion Ratio Lower Upper

178 100

176 11.5 14.6 22.0#

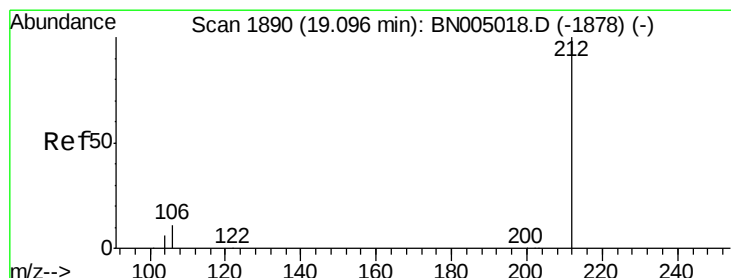
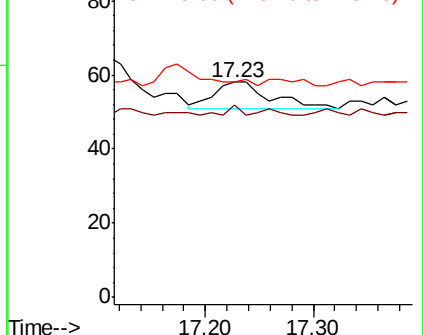
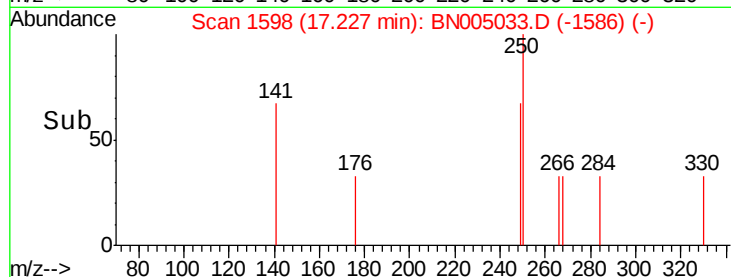
179 0.0 12.3 18.5#



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: 0.329 ng

RT: 19.10 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

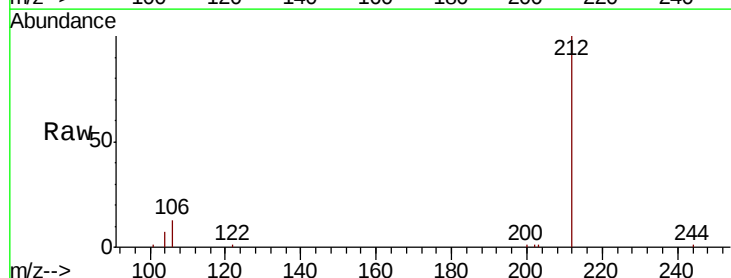
Tgt Ion:212 Resp: 13855

Ion Ratio Lower Upper

212 100

106 11.6 9.4 14.2

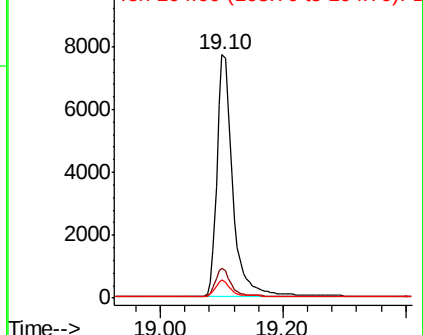
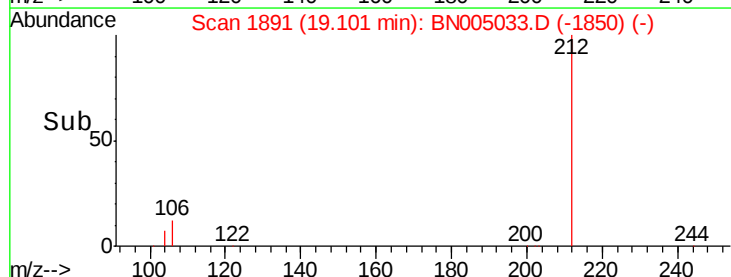
104 6.5 5.4 8.0

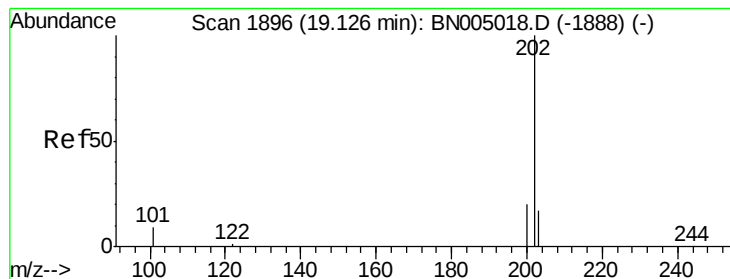


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.004 ng

RT: 19.14 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

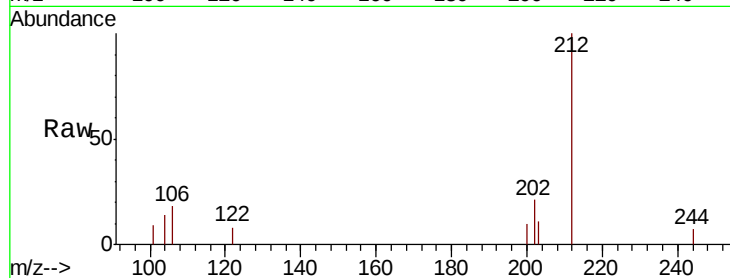
Tot Ion:202 Resp: 226

Ion Ratio Lower Upper

202 100

101 8.0 8.2 12.2#

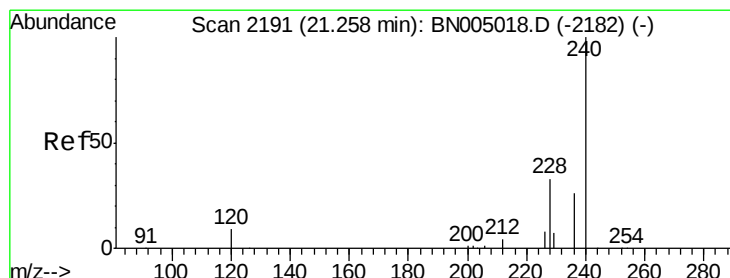
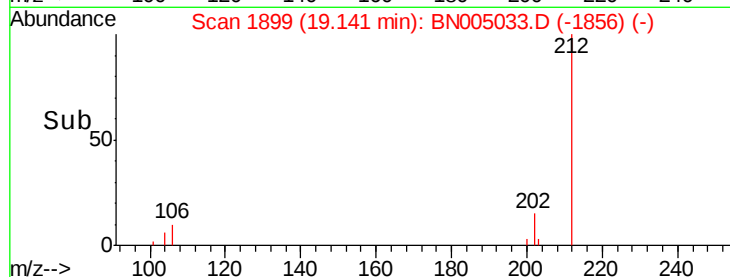
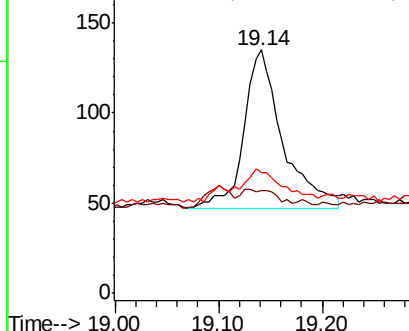
203 19.0 13.8 20.8



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: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

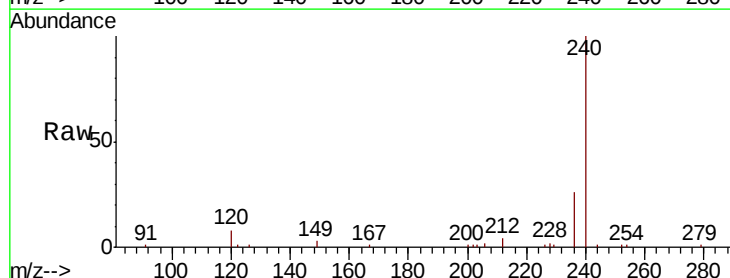
Tgt Ion:240 Resp: 15004

Ion Ratio Lower Upper

240 100

120 7.8 7.4 11.0

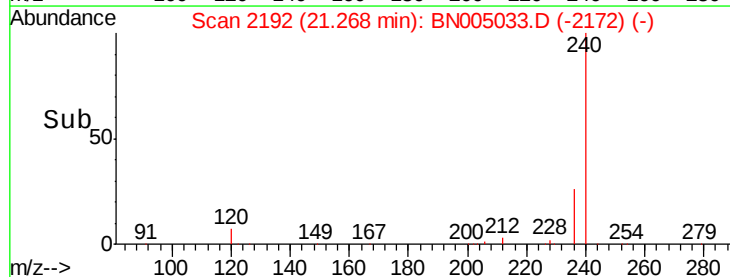
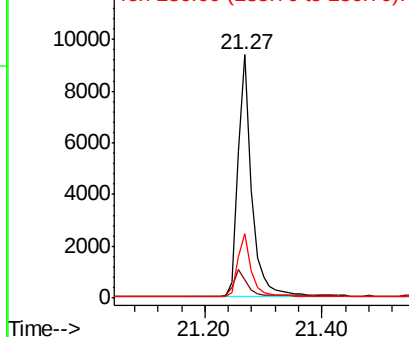
236 26.3 21.0 31.6

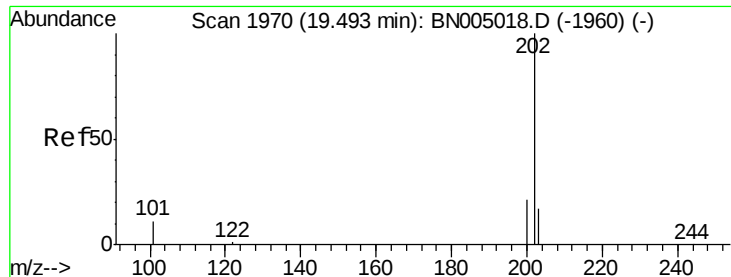


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.003 ng

RT: 19.51 min Scan# 1974

Delta R.T. 0.02 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

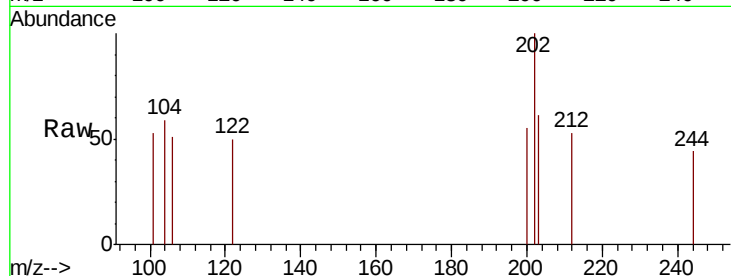
Tot Ion:202 Resp: 129

Ion Ratio Lower Upper

202 100

200 24.8 16.5 24.7#

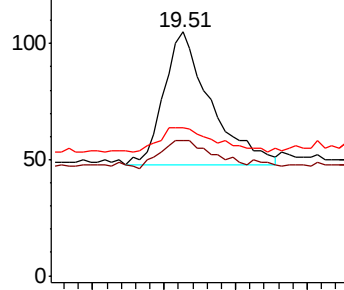
203 22.5 13.9 20.9#



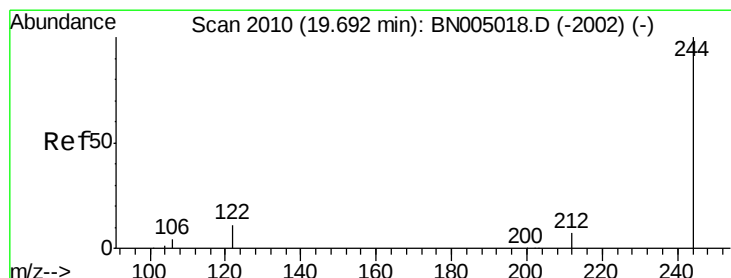
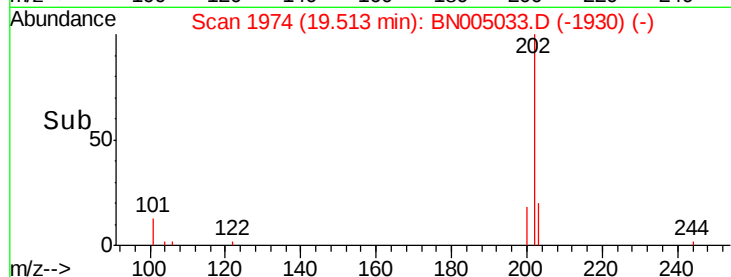
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#29

Terphenyl-d14

Concen: 0.325 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

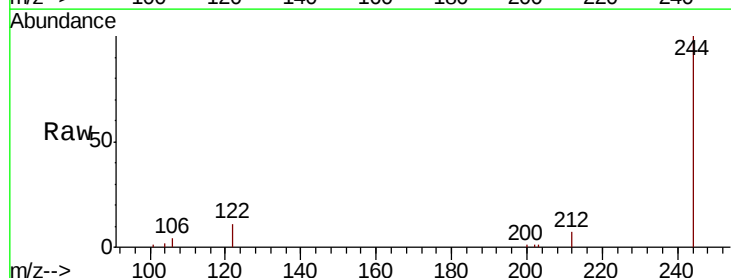
Tgt Ion:244 Resp: 10007

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

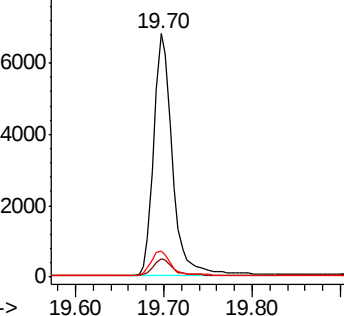
122 10.9 9.0 13.4



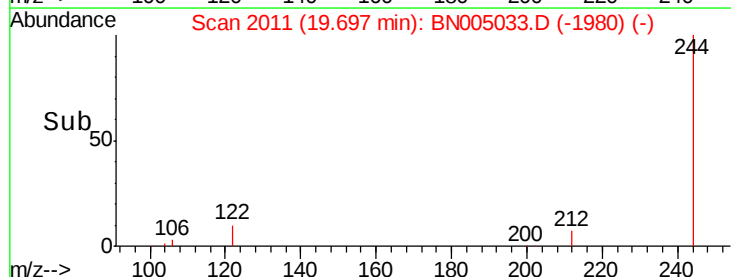
Abundance Ion 244.00 (243.70 to 244.70): E

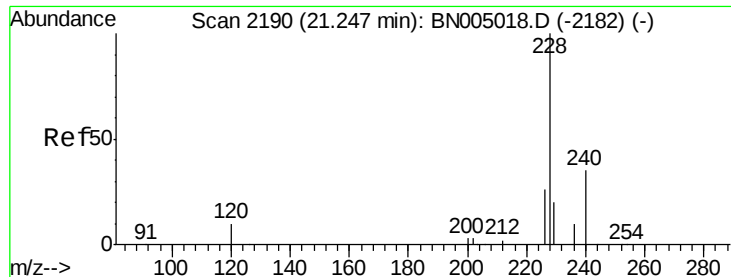
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#30

Benzo(a)anthracene

Concen: 0.007 ng

RT: 21.27 min Scan# 2192

Delta R.T. 0.02 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

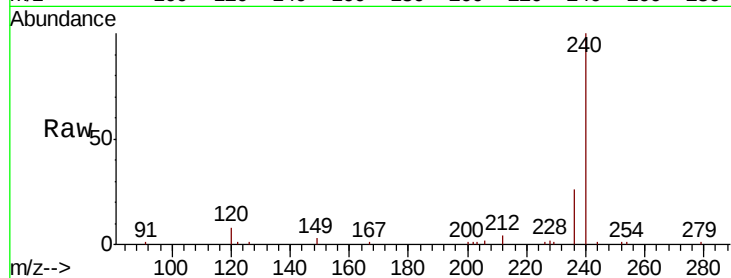
Tot Ion:228 Resp: 303

Ion Ratio Lower Upper

228 100

226 43.3 20.9 31.3#

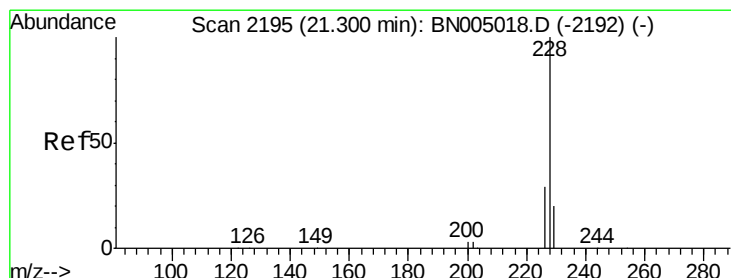
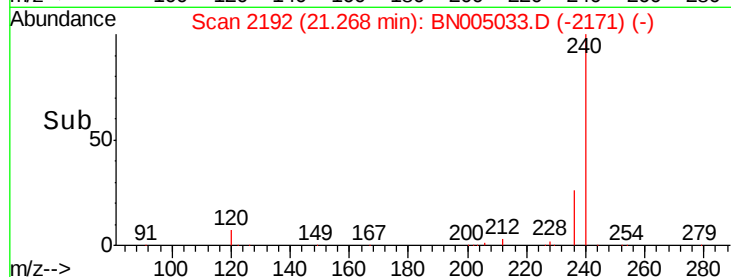
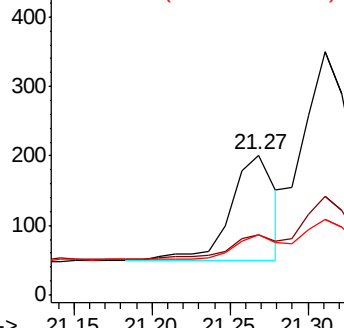
229 42.8 16.2 24.2#



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



#31

Chrysene

Concen: 0.015 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

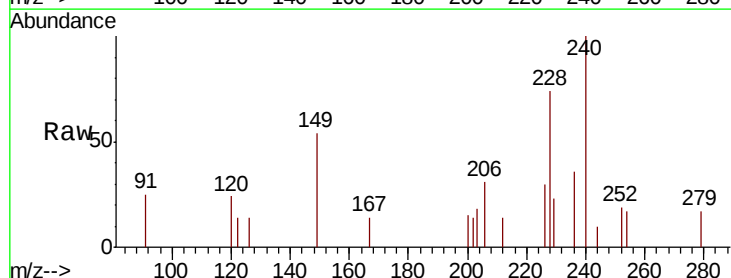
Tgt Ion:228 Resp: 683

Ion Ratio Lower Upper

228 100

226 40.6 22.8 34.2#

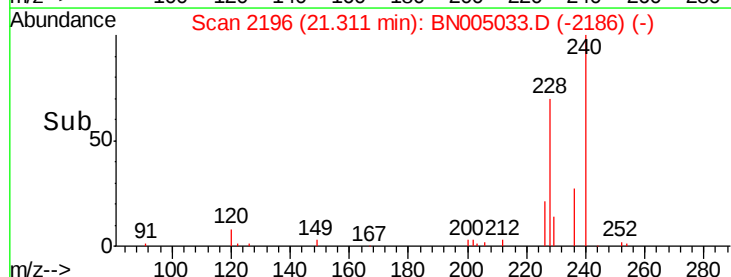
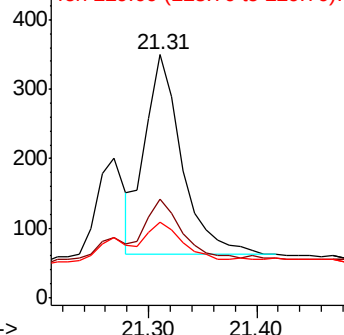
229 31.1 16.2 24.4#

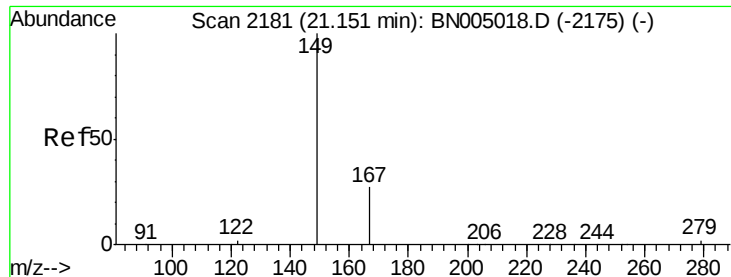


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.005 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

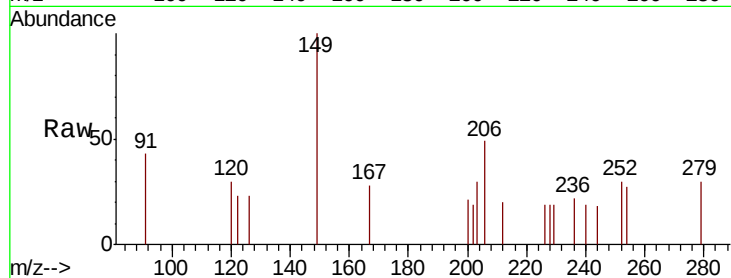
Tot Ion:149 Resp: 94

Ion Ratio Lower Upper

149 100

167 21.3 22.2 33.4#

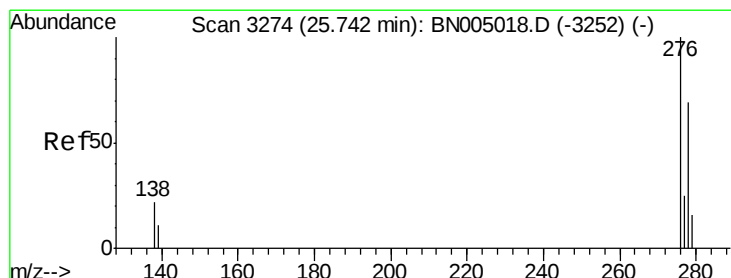
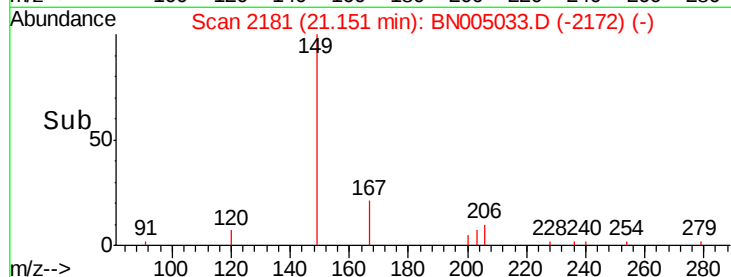
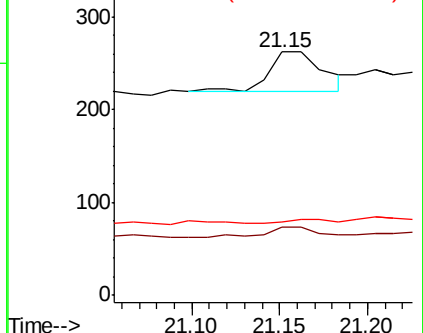
279 6.4 4.2 6.4#



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: 0.002 ng

RT: 25.83 min Scan# 3299

Delta R.T. 0.09 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

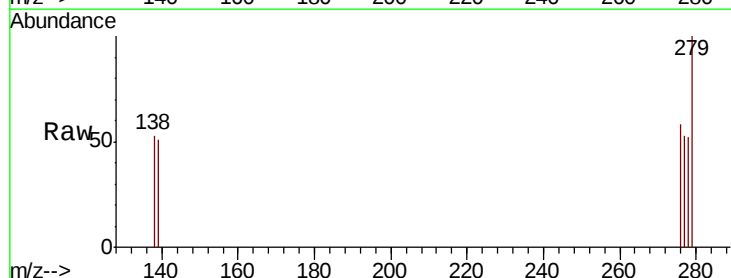
Tgt Ion:276 Resp: 95

Ion Ratio Lower Upper

276 100

138 6.3 18.2 27.2#

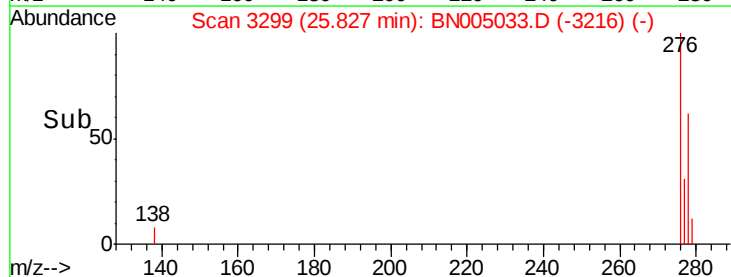
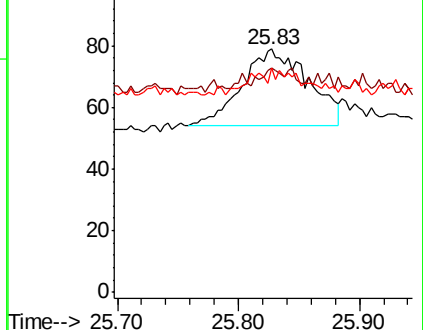
277 1.1 20.3 30.5#

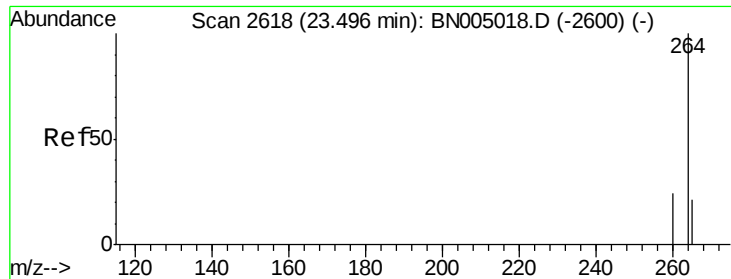


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

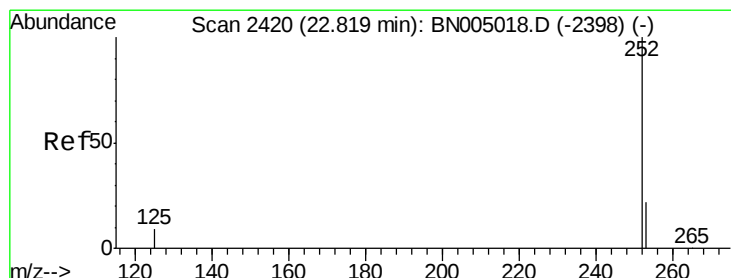
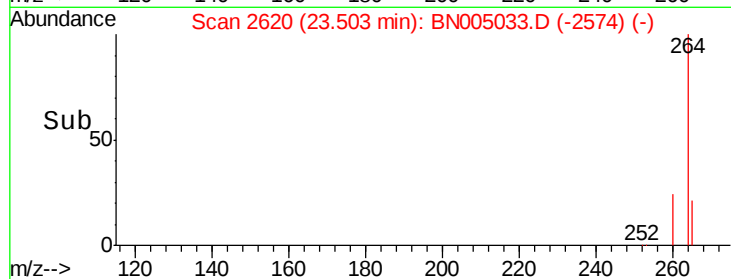
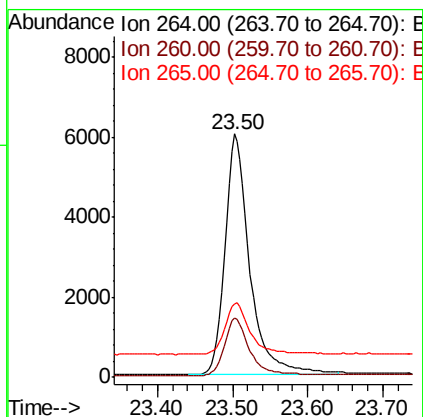
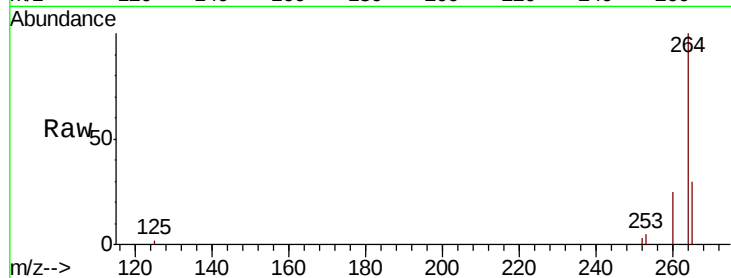




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2620
Delta R.T. 0.01 min
Lab File: BN005033.D
Acq: 29 Mar 2019 14:41

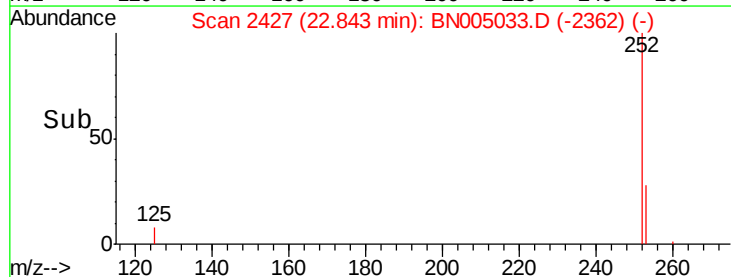
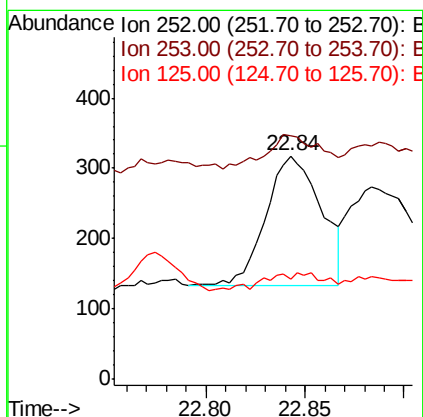
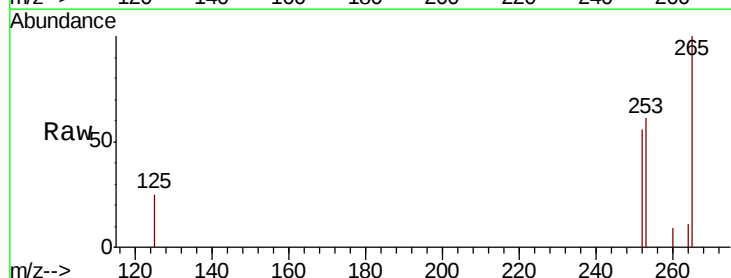
Instrument :
BNA_N
ClientSampleId :
PB117507BL

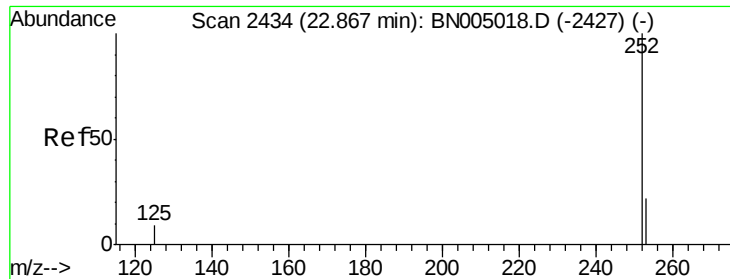
Tot Ion:264 Resp: 13649
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.0
265 30.4 22.5 33.7



#35
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 22.84 min Scan# 2427
Delta R.T. 0.02 min
Lab File: BN005033.D
Acq: 29 Mar 2019 14:41

Tgt Ion:252 Resp: 362
Ion Ratio Lower Upper
252 100
253 109.1 19.2 28.8#
125 44.7 8.2 12.2#

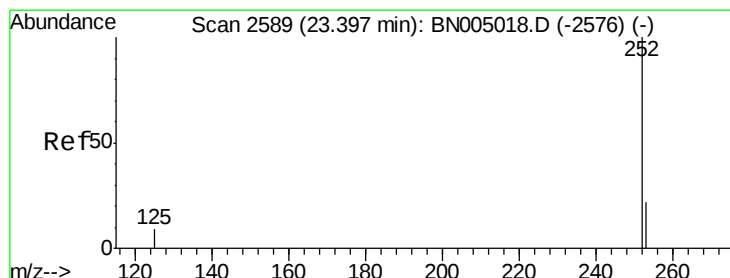
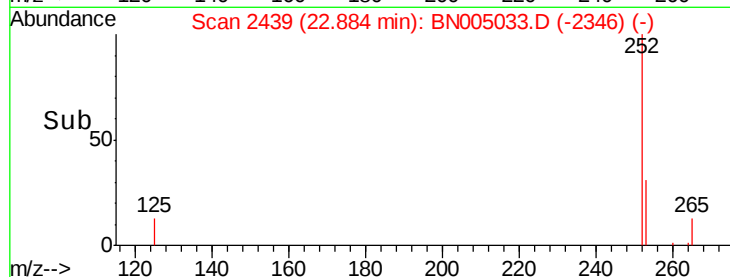
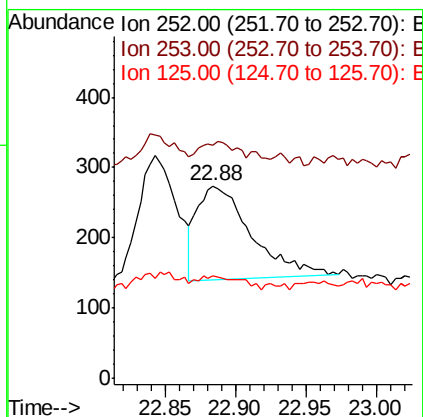
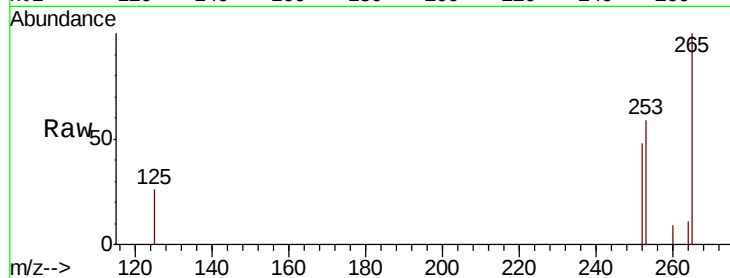




#36
Benzo(k)fluoranthene
Concen: 0.009 ng
RT: 22.88 min Scan# 2439
Delta R.T. 0.02 min
Lab File: BN005033.D
Acq: 29 Mar 2019 14:41

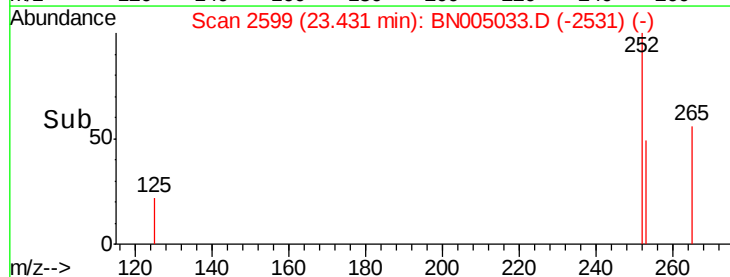
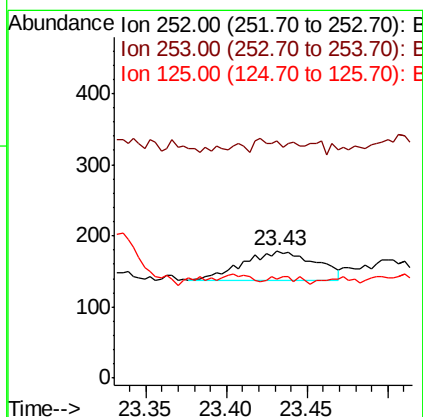
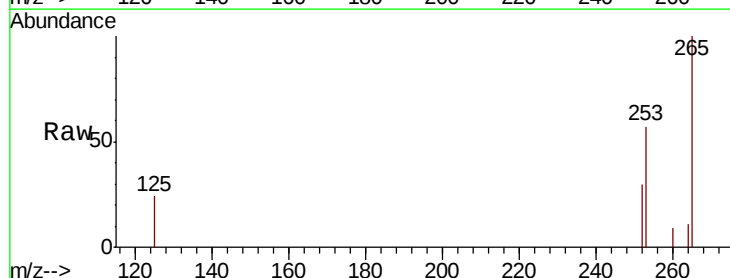
Instrument :
BNA_N
ClientSampleId :
PB117507BL

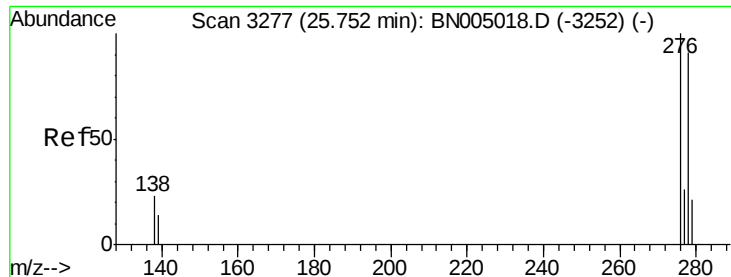
Tot Ion:252 Resp: 360
Ion Ratio Lower Upper
252 100
253 121.2 19.3 28.9#
125 52.9 8.2 12.2#



#37
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.43 min Scan# 2599
Delta R.T. 0.03 min
Lab File: BN005033.D
Acq: 29 Mar 2019 14:41

Tgt Ion:252 Resp: 132
Ion Ratio Lower Upper
252 100
253 186.6 20.2 30.2#
125 77.7 9.2 13.8#





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.76 min Scan# 3278

Delta R.T. 0.00 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PB117507BL

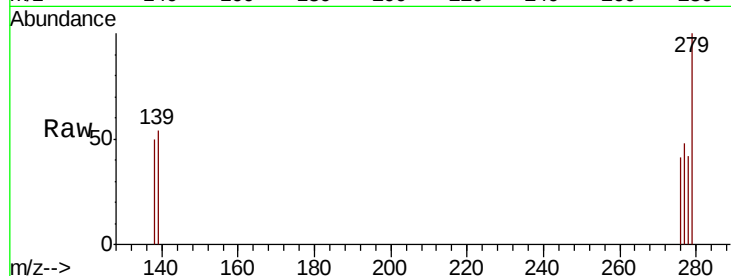
Tot Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 126.8 13.1 19.7#

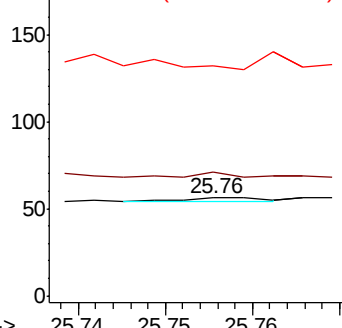
279 235.7 20.2 30.2#



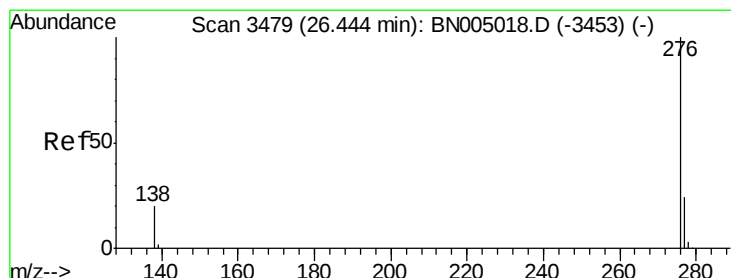
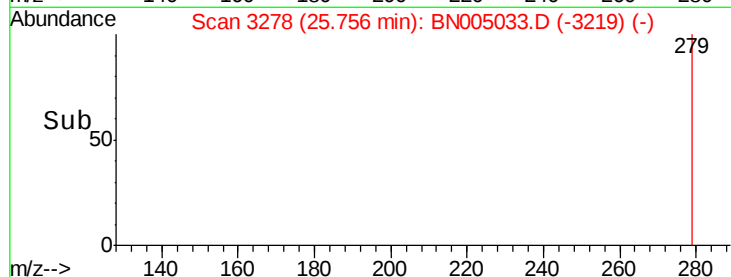
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 26.42 min Scan# 3473

Delta R.T. -0.02 min

Lab File: BN005033.D

Acq: 29 Mar 2019 14:41

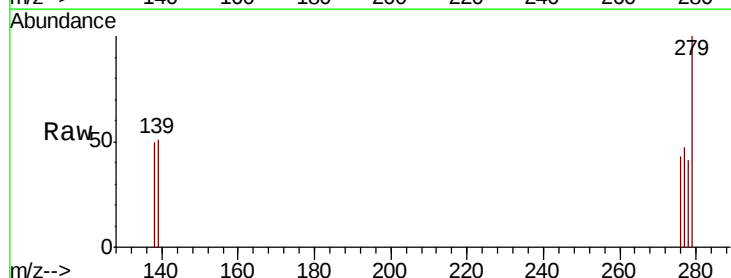
Tgt Ion:276 Resp: 7

Ion Ratio Lower Upper

276 100

277 108.6 19.8 29.6#

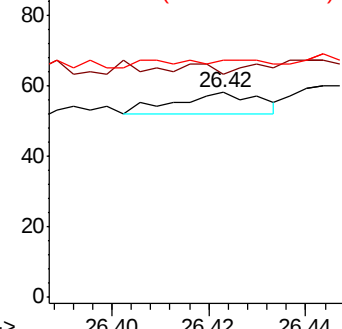
138 115.5 16.4 24.6#



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



Time-->

