

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002195.D
 Acq On : 30 Jul 2018 20:46
 Operator : JU/SJ
 Sample : PB111184BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 31 01:25:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3107	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	12253	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	6449	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	12983	0.40	ng	0.01
27) Chrysene-d12	21.27	240	10491	0.40	ng	0.00
34) Perylene-d12	23.50	264	10308	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2172	0.30	ng	0.00
5) Phenol-d6	6.89	99	2103	0.24	ng	0.00
8) Nitrobenzene-d5	8.87	82	2870	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	12.07	152	6698	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.85	330	552	0.20	ng	0.02
15) 2-Fluorobiphenyl	12.95	172	9076	0.37	ng	0.01
25) Fluoranthene-d10	19.11	212	12149	0.38	ng	0.00
29) Terphenyl-d14	19.71	244	7649	0.34	ng	0.00

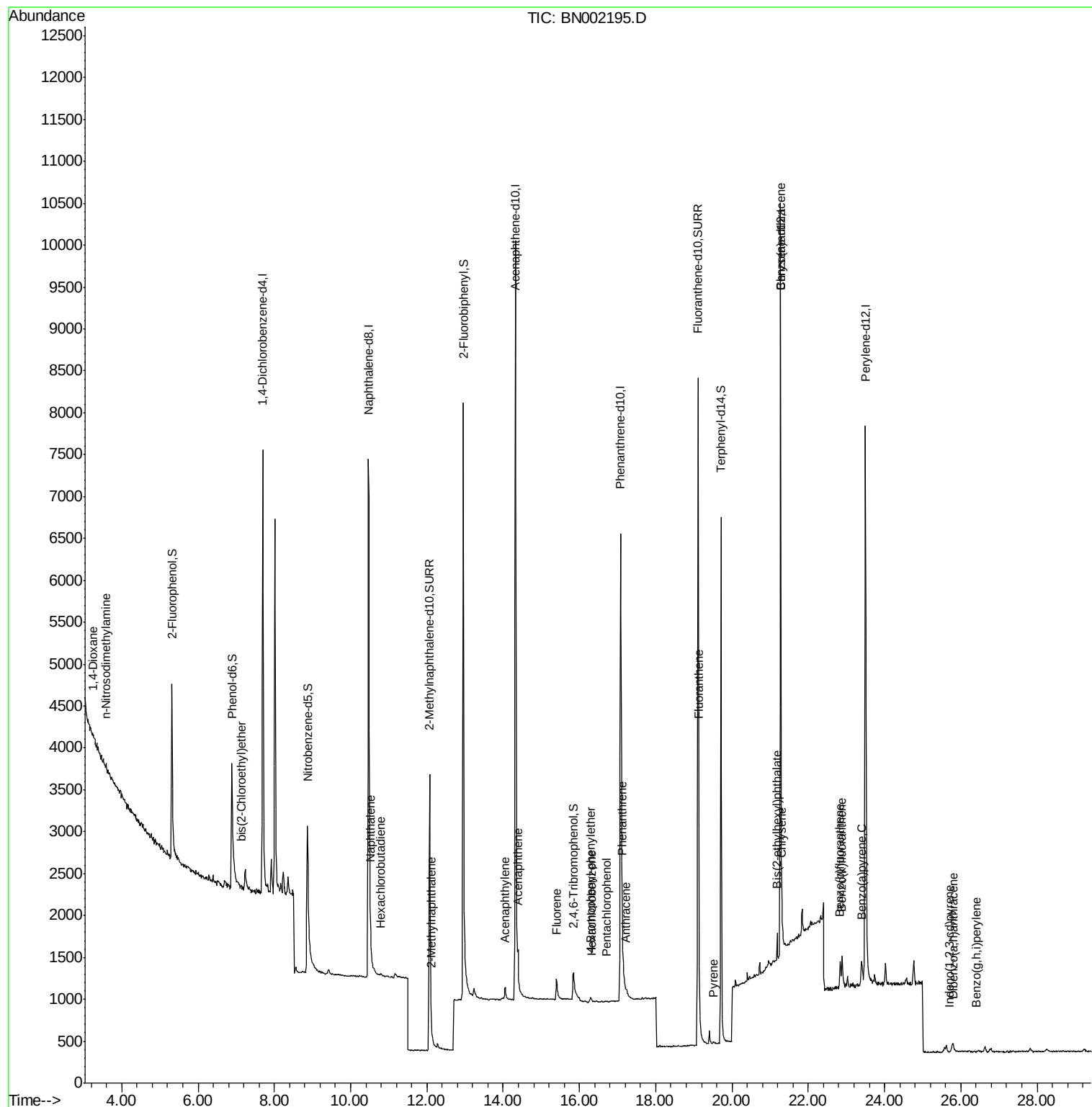
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	110	0.031	ng	# 14
3) n-Nitrosodimethylamine	3.59	42	30	0.125	ng	# 5
6) bis(2-Chloroethyl)ether	7.14	93	29	0.003	ng	# 38
9) Naphthalene	10.52	128	110	0.004	ng	# 1
10) Hexachlorobutadiene	10.80	225	29	0.005	ng	# 45
12) 2-Methylnaphthalene	12.12	142	1	0.000	ng	# 50
16) Acenaphthylene	14.05	152	246	0.009	ng	96
17) Acenaphthene	14.39	154	192	0.011	ng	93
18) Fluorene	15.40	166	287	0.013	ng	# 77
20) 4-Bromophenyl-phenylether	16.29	248	39	0.005	ng	# 64
21) Hexachlorobenzene	16.32	284	1	0.000	ng	# 39
22) Pentachlorophenol	16.72	266	3	0.095	ng	# 53
23) Phenanthrene	17.12	178	365	0.011	ng	# 87
24) Anthracene	17.23	178	54	0.002	ng	# 88
26) Fluoranthene	19.14	202	26	0.001	ng	# 64
28) Pyrene	19.51	202	34	0.001	ng	# 81
30) Benzo(a)anthracene	21.27	228	334	0.013	ng	# 72
31) Chrysene	21.31	228	138	0.005	ng	# 40
32) Bis(2-ethylhexyl)phthalate	21.18	149	341	0.028	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.70	276	3	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.84	252	371	0.012	ng	# 2
36) Benzo(k)fluoranthene	22.89	252	594	0.019	ng	# 5
37) Benzo(a)pyrene	23.41	252	511	0.019	ng	# 1
38) Dibenzo(a,h)anthracene	25.79	278	152	0.006	ng	# 1
39) Benzo(g,h,i)perylene	26.40	276	2	0.000	ng	# 1

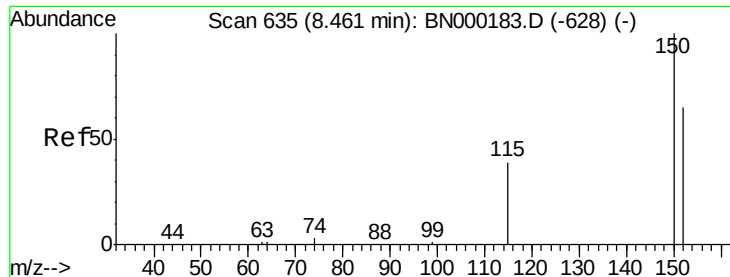
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002195.D
Acq On : 30 Jul 2018 20:46
Operator : JU/SJ
Sample : PB111184BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 31 01:25:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration



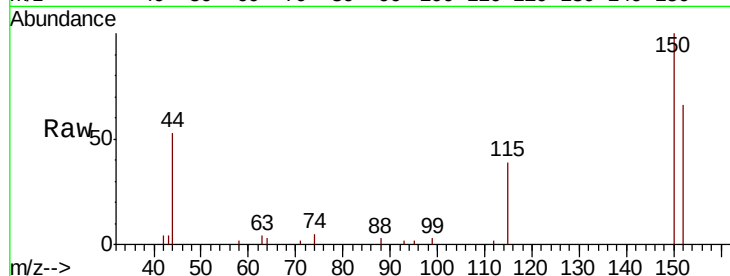


#1

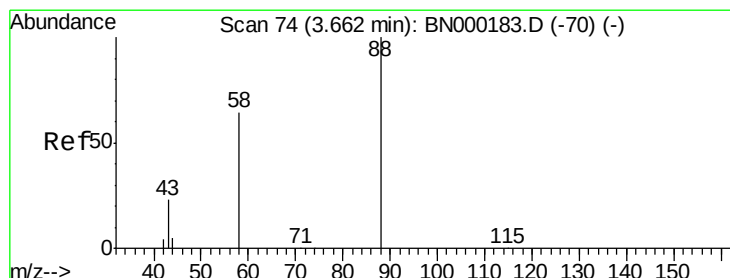
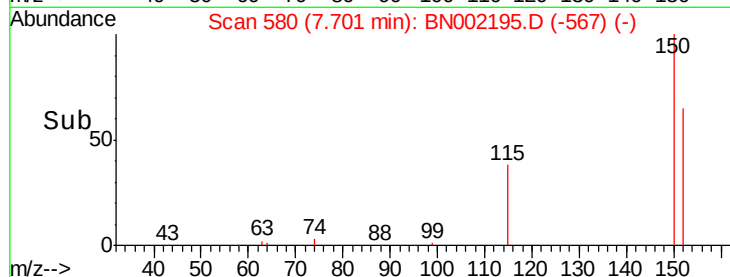
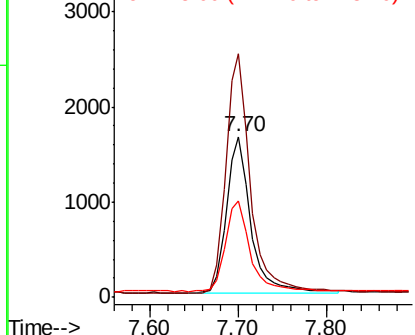
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3107
Ion Ratio Lower Upper
152 100
150 151.7 117.2 175.8
115 59.9 57.0 85.6



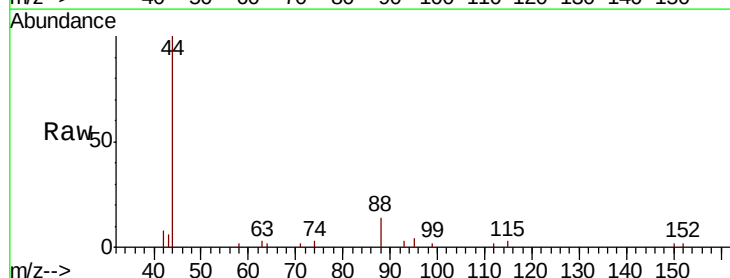
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



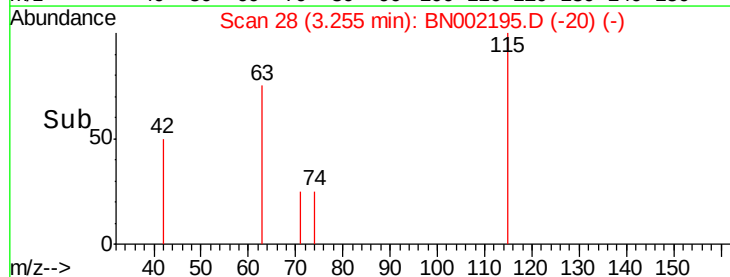
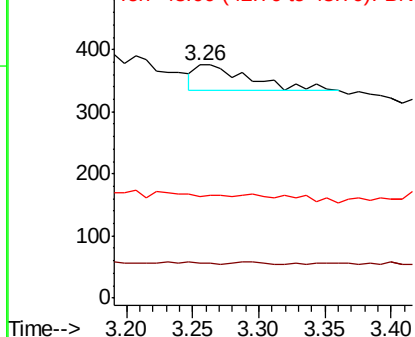
#2

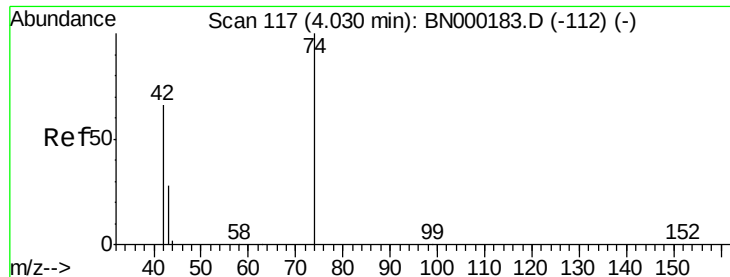
1,4-Dioxane
Concen: 0.031 ng
RT: 3.26 min Scan# 28
Delta R.T. -0.03 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion: 88 Resp: 110
Ion Ratio Lower Upper
88 100
58 0.0 72.0 108.0#
43 0.0 28.0 42.0#



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

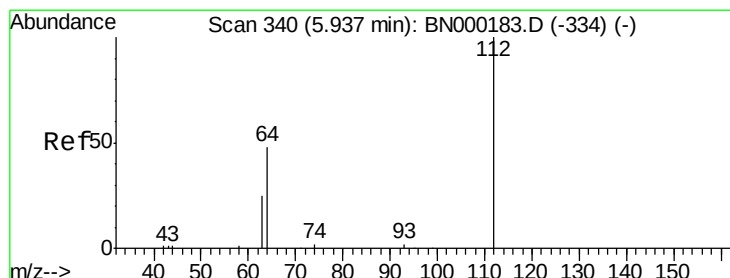
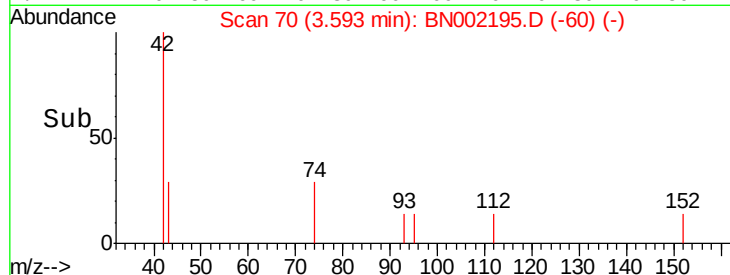
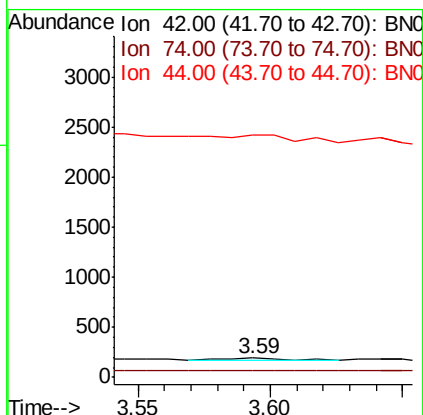
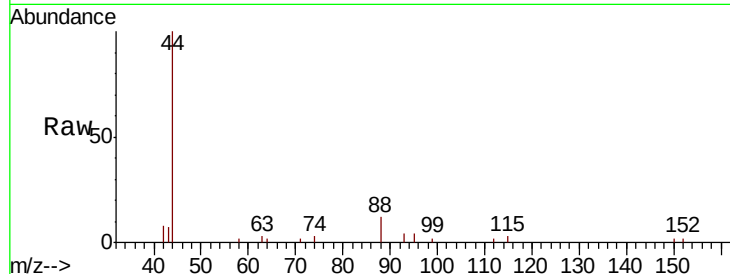




#3
n-Nitrosodimethylamine
Concen: 0.125 ng
RT: 3.59 min Scan# 70
Delta R.T. -0.02 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

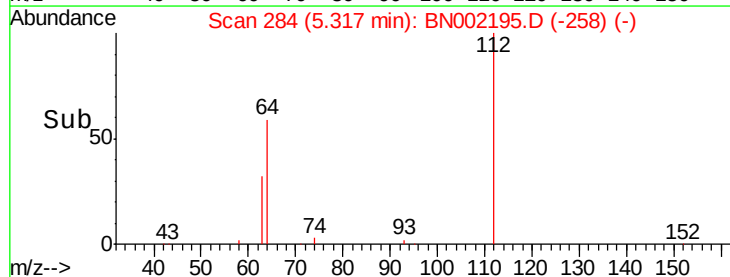
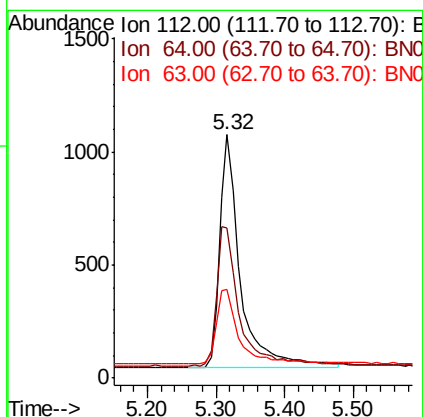
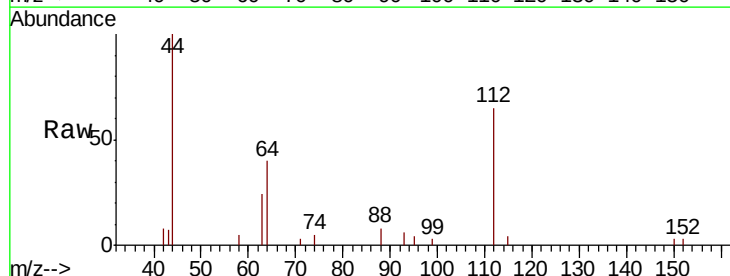
Instrument :
BNA_N
ClientSampleId :

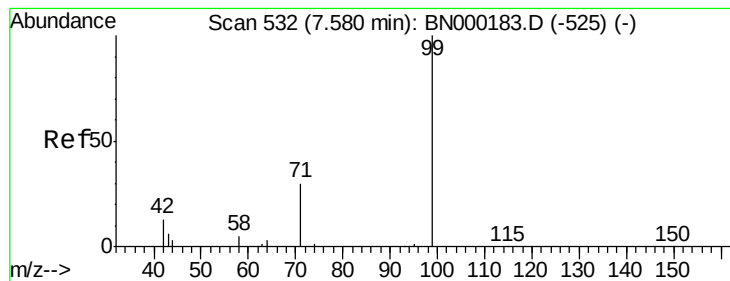
Tot Ion: 42 Resp: 30
Ion Ratio Lower Upper
42 100
74 0.0 88.0 132.0#
44 0.0 16.0 24.0#



#4
2-Fluorophenol
Concen: 0.300 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion: 112 Resp: 2172
Ion Ratio Lower Upper
112 100
64 66.4 60.1 90.1
63 35.1 116.8 175.2#





#5

Phenol-d6

Concen: 0.239 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampled :

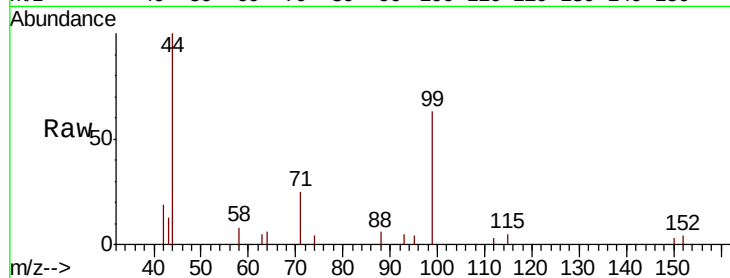
Tot Ion: 99 Resp: 2103

Ion Ratio Lower Upper

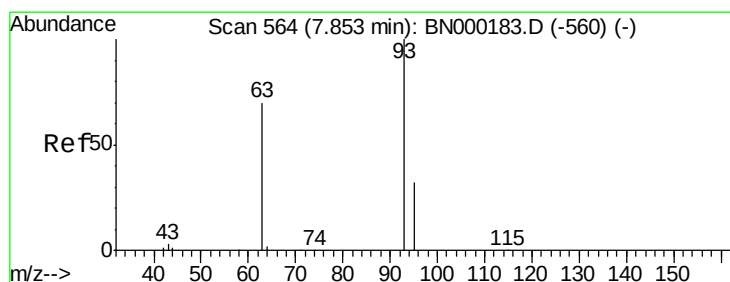
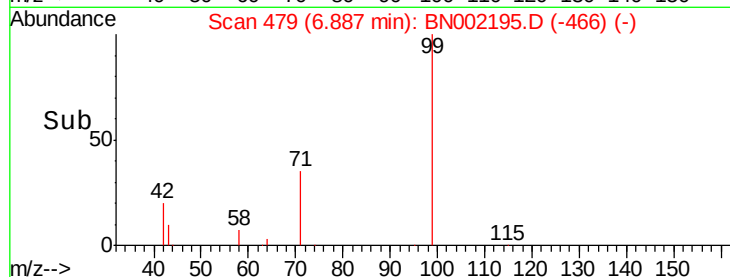
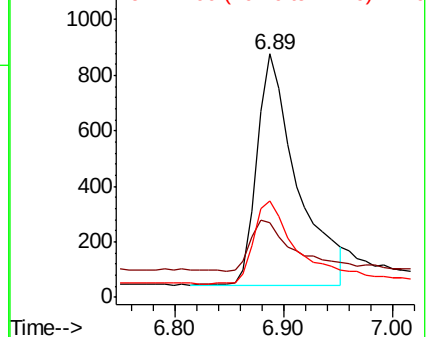
99 100

42 23.0 20.2 30.2

71 37.5 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.14 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

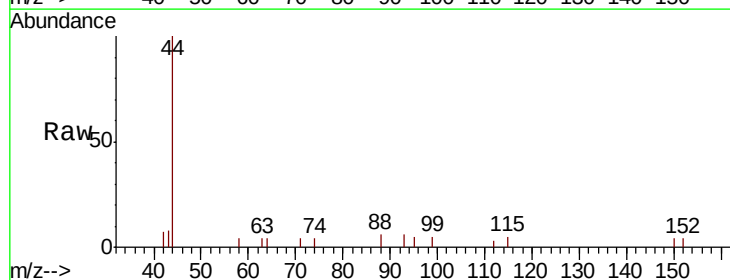
Tgt Ion: 93 Resp: 29

Ion Ratio Lower Upper

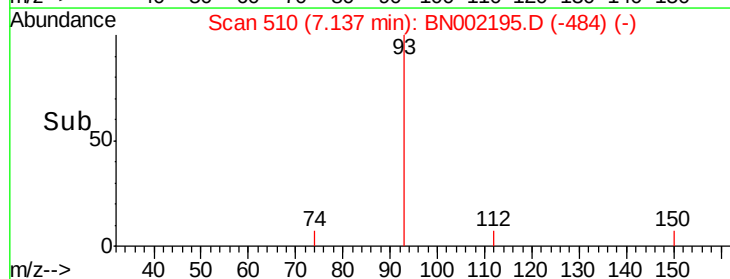
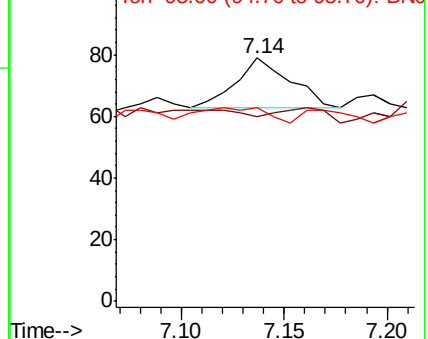
93 100

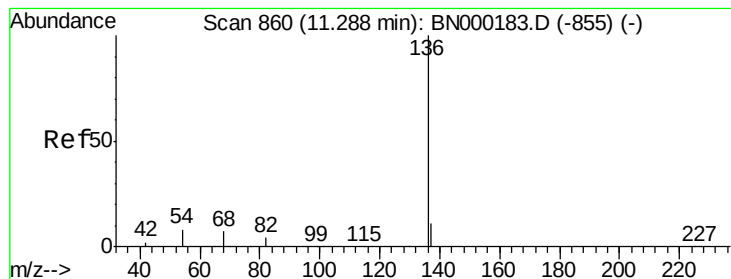
63 0.0 56.0 84.0#

95 37.9 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12253

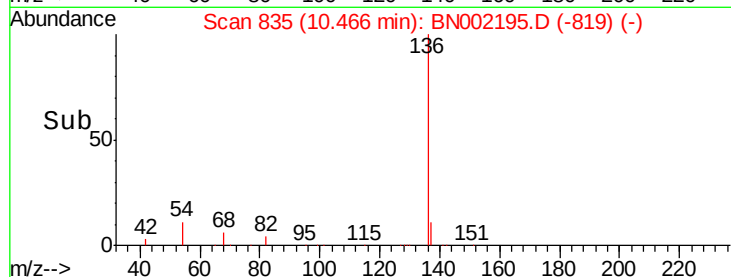
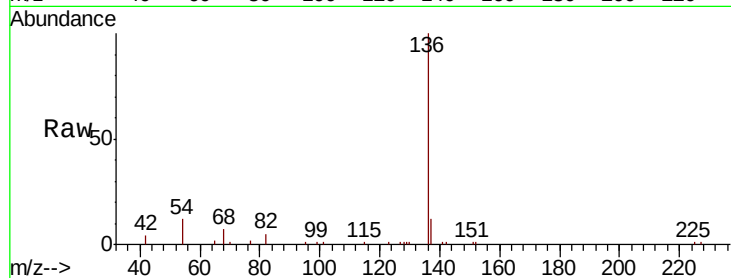
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 11.6 29.1 43.7#

68 7.4 6.2 9.2

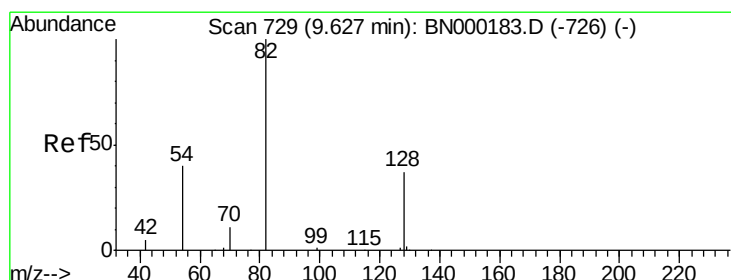
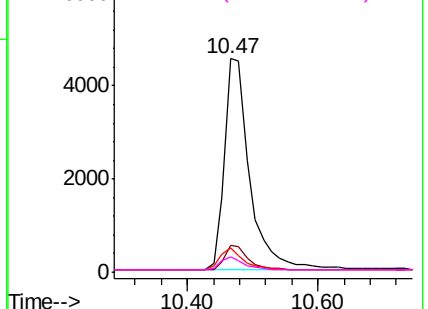


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.311 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.03 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

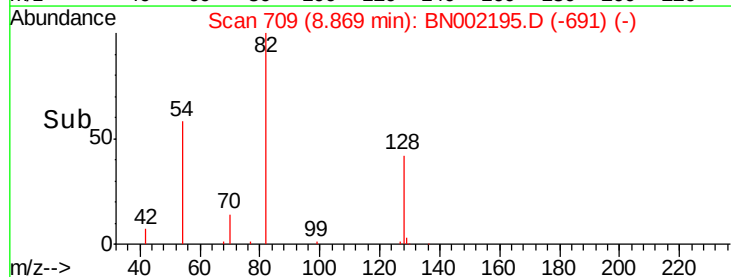
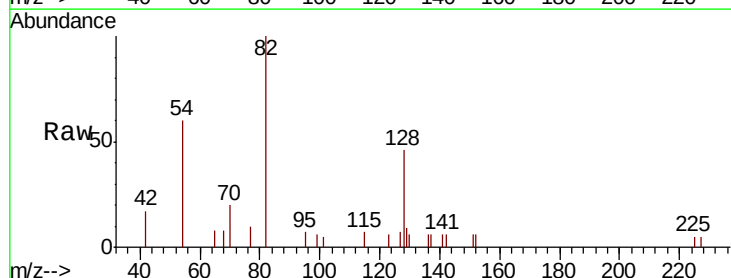
Tgt Ion: 82 Resp: 2870

Ion Ratio Lower Upper

82 100

128 45.7 150.0 225.0#

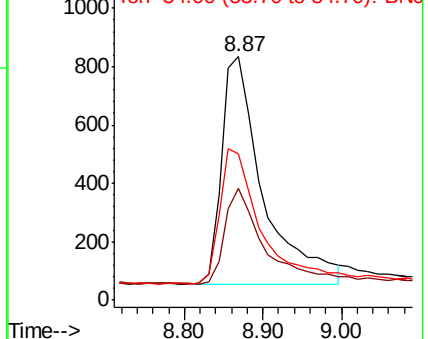
54 60.3 154.2 231.4#

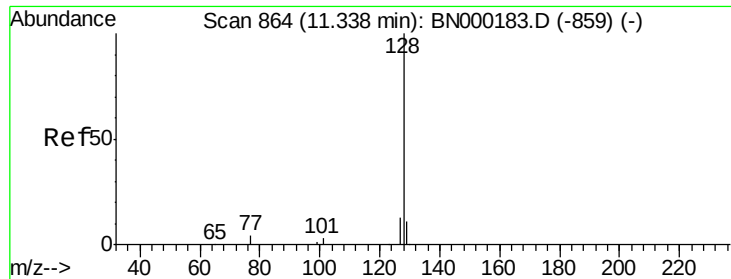


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

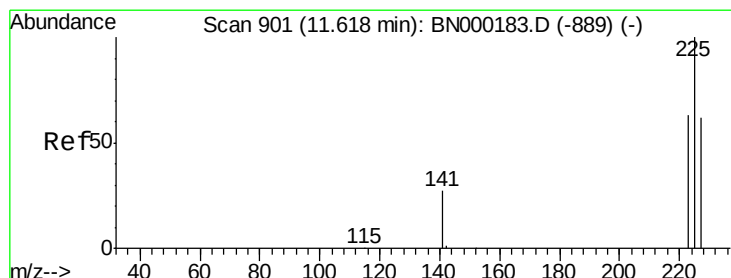
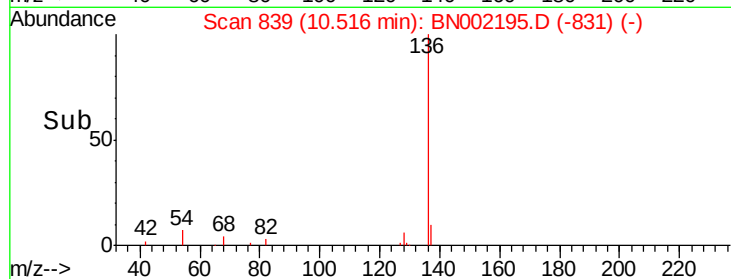
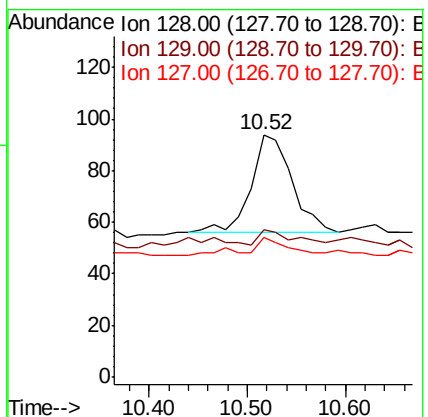
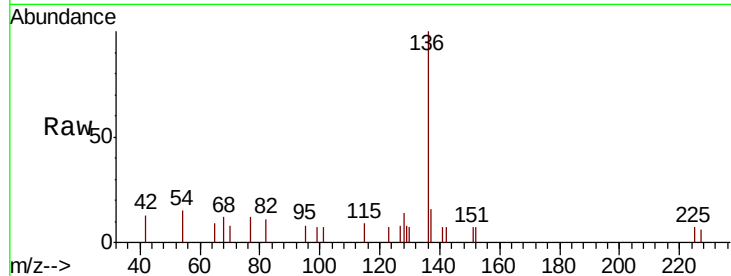




#9
Naphthalene
Concen: 0.004 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

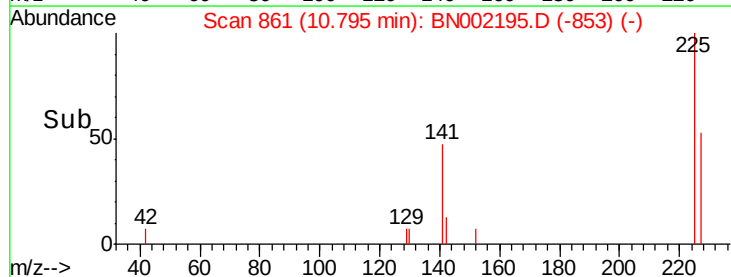
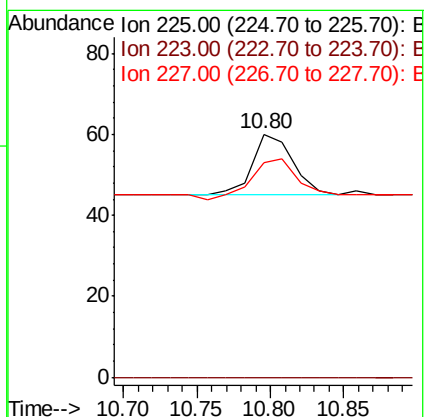
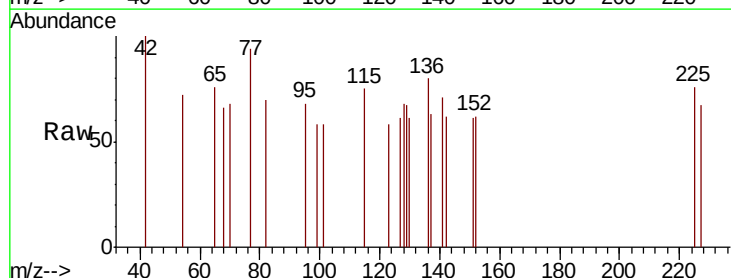
Instrument :
BNA_N
ClientSampled :

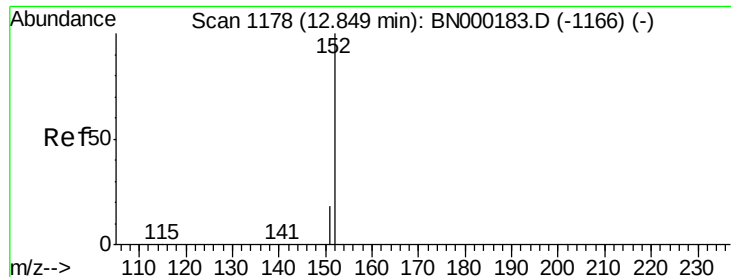
Tot Ion:128 Resp: 110
Ion Ratio Lower Upper
128 100
129 60.6 8.0 12.0#
127 57.4 9.6 14.4#



#10
Hexachlorobutadiene
Concen: 0.005 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:225 Resp: 29
Ion Ratio Lower Upper
225 100
223 0.0 52.0 78.0#
227 79.3 48.0 72.0#

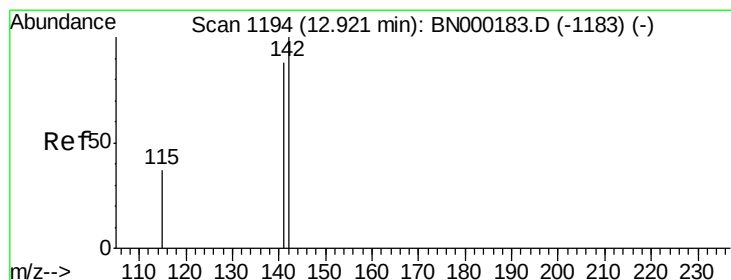
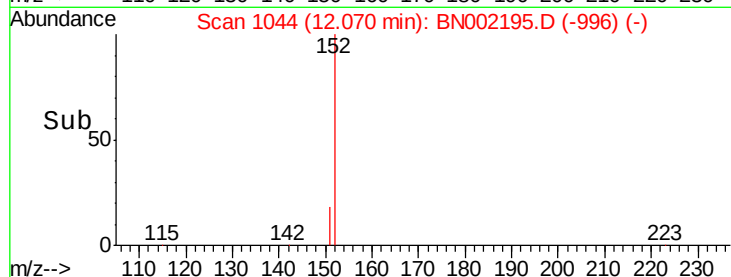
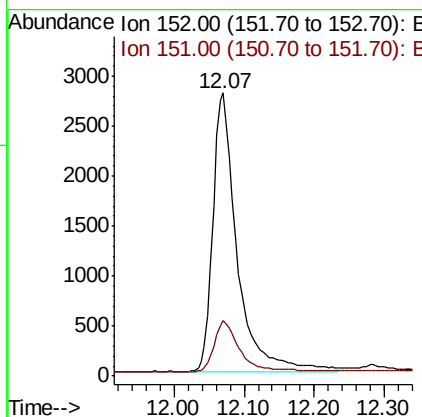
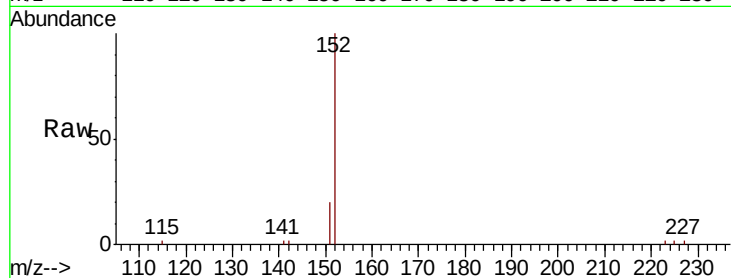




#11
 2-Methylnaphthalene-d10
 Concen: 0.371 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BN002195.D
 Acq: 30 Jul 2018 20:46

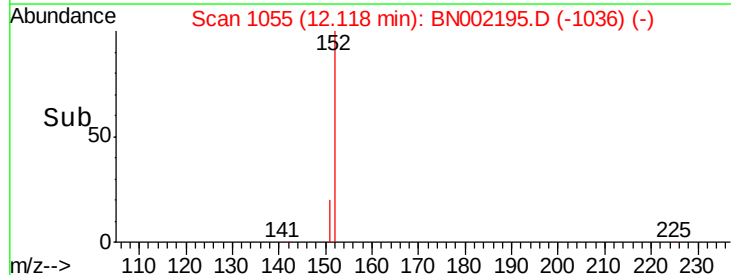
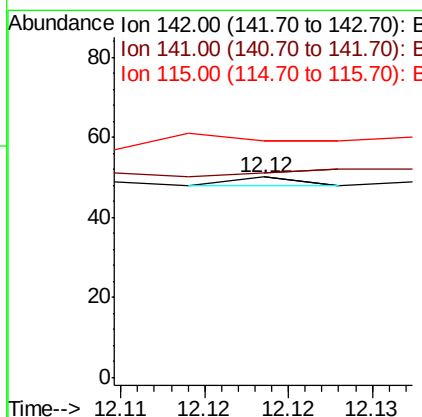
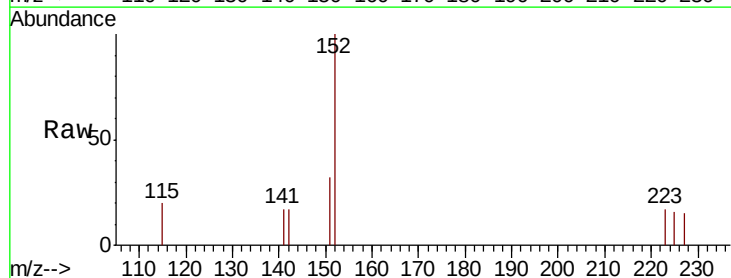
Instrument :
 BNA_N
 ClientSampleId :

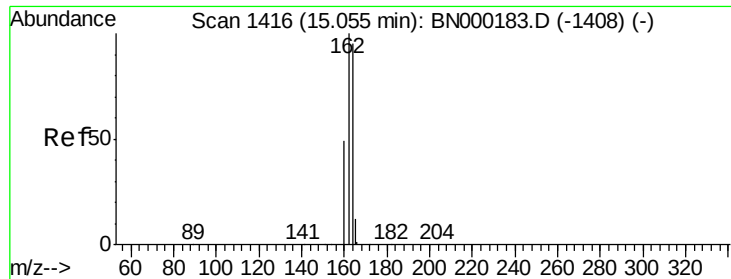
Tot Ion:152 Resp: 6698
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.000 ng
 RT: 12.12 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN002195.D
 Acq: 30 Jul 2018 20:46

Tgt Ion:142 Resp: 1
 Ion Ratio Lower Upper
 142 100
 141 102.0 70.4 105.6
 115 118.0 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

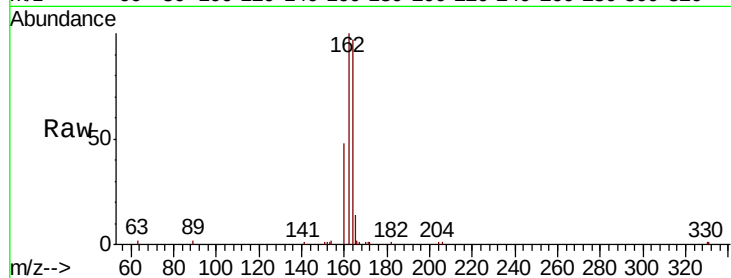
Tot Ion:164 Resp: 6449

Ion Ratio Lower Upper

164 100

162 102.9 83.1 124.7

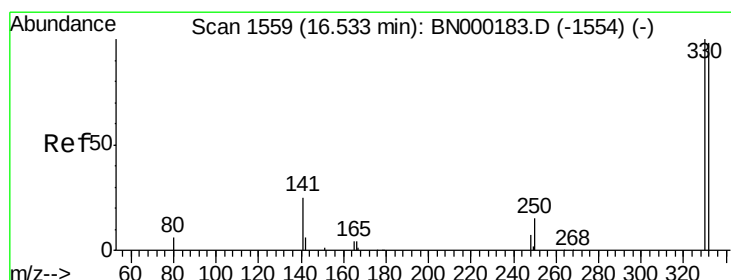
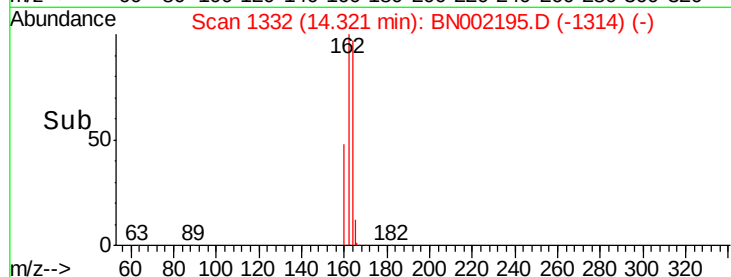
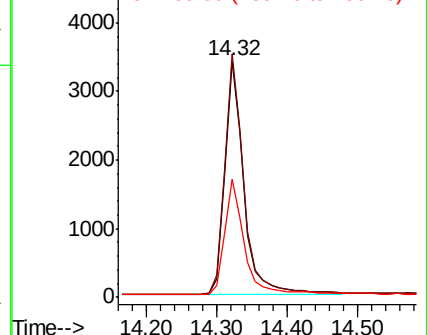
160 49.7 37.1 55.7



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: 0.200 ng

RT: 15.85 min Scan# 1469

Delta R.T. 0.02 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

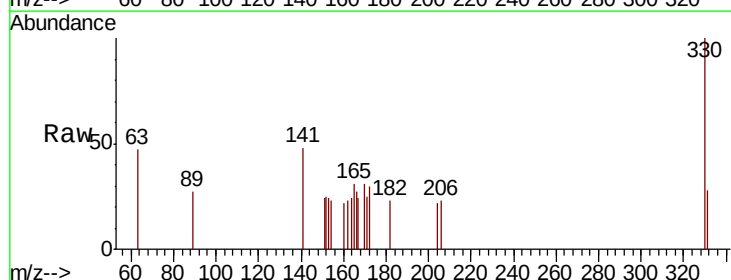
Tgt Ion:330 Resp: 552

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

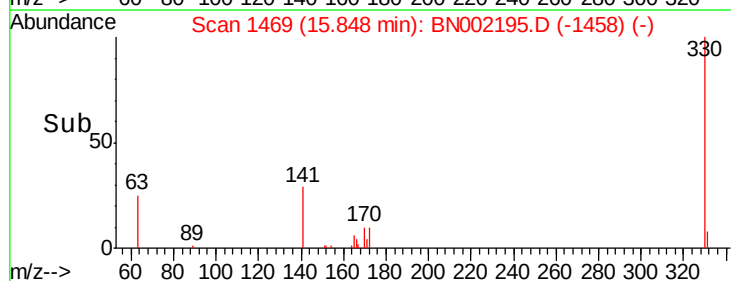
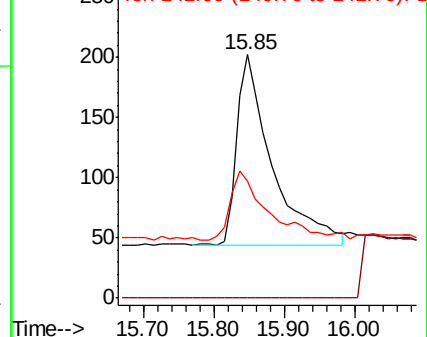
141 39.3 33.7 50.5

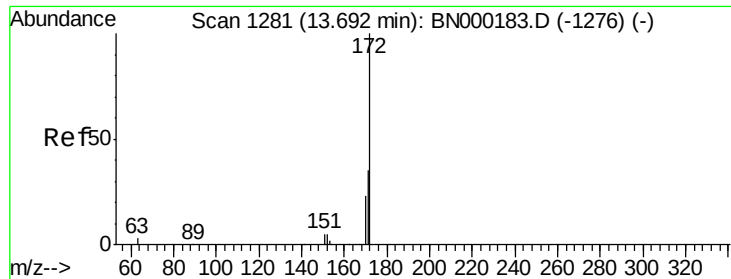


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

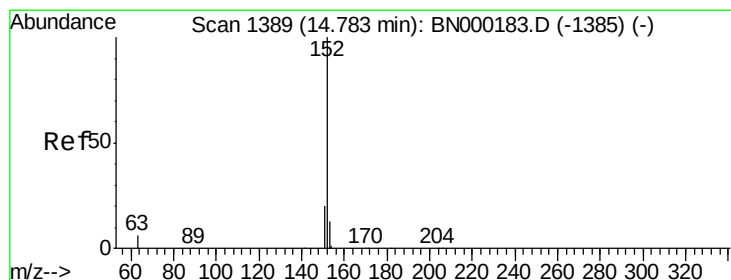
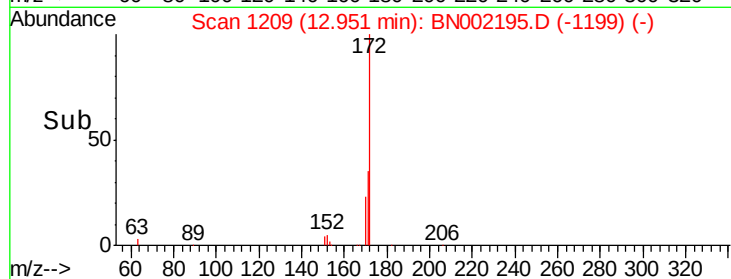
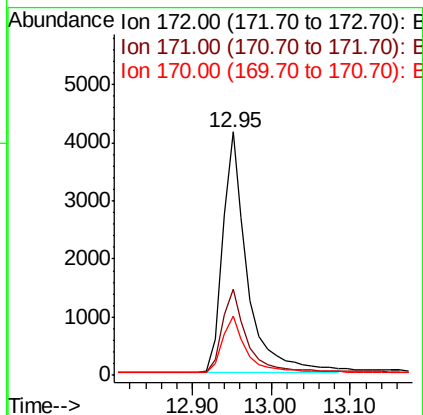
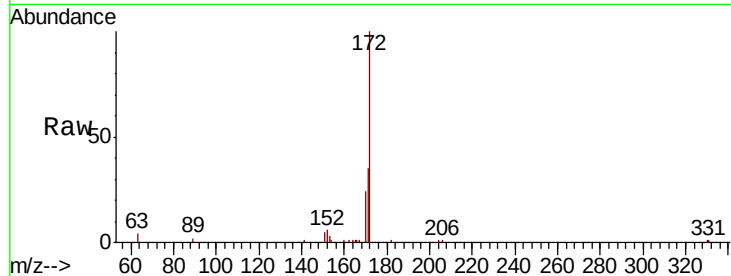




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.95 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

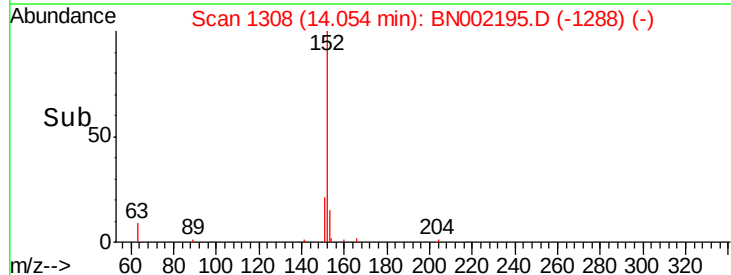
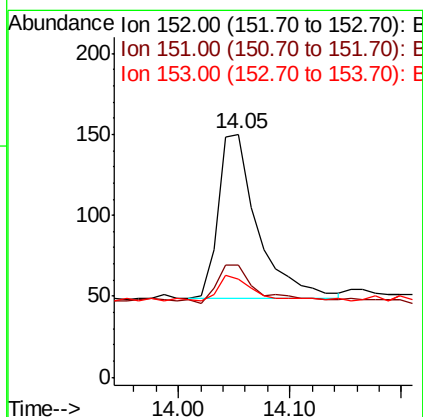
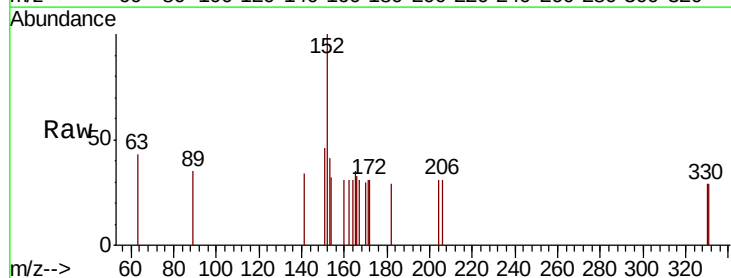
Instrument :
BNA_N
ClientSampled :

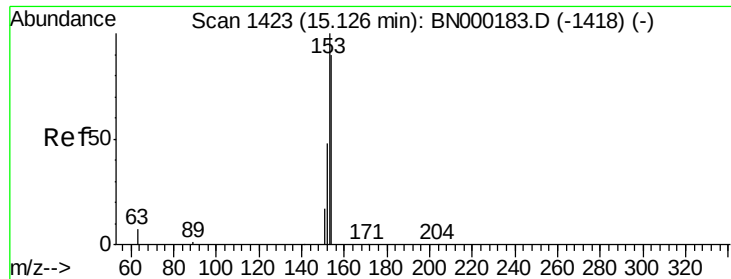
Tot Ion:172 Resp: 9076
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 24.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.009 ng
RT: 14.05 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:152 Resp: 246
Ion Ratio Lower Upper
152 100
151 21.1 15.7 23.5
153 15.0 10.5 15.7





#17

Acenaphthene

Concen: 0.011 ng

RT: 14.39 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

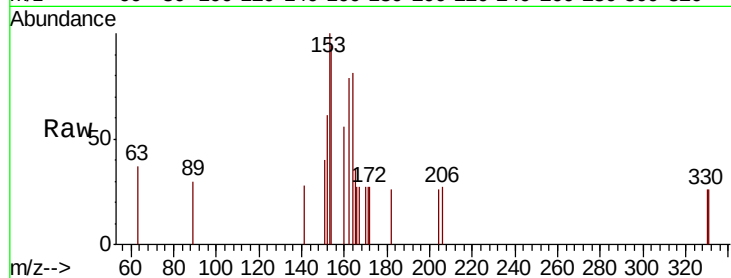
Tot Ion:154 Resp: 192

Ion Ratio Lower Upper

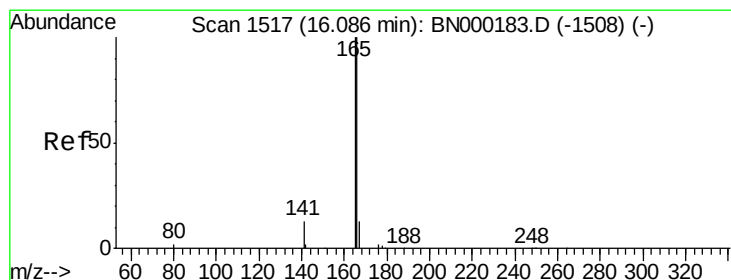
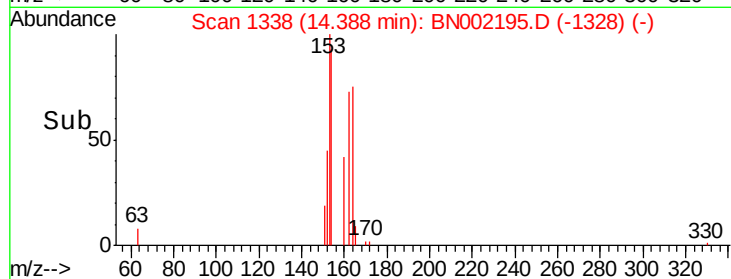
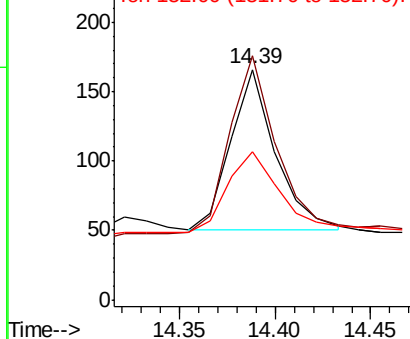
154 100

153 119.3 89.2 133.8

152 57.3 42.0 63.0



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: 0.013 ng

RT: 15.40 min Scan# 1429

Delta R.T. 0.03 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

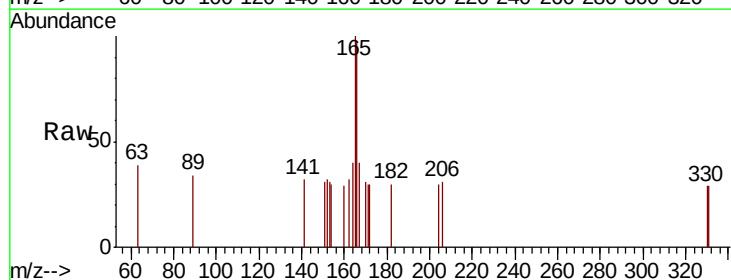
Tgt Ion:166 Resp: 287

Ion Ratio Lower Upper

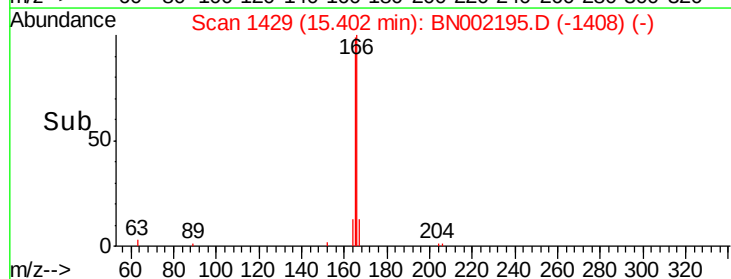
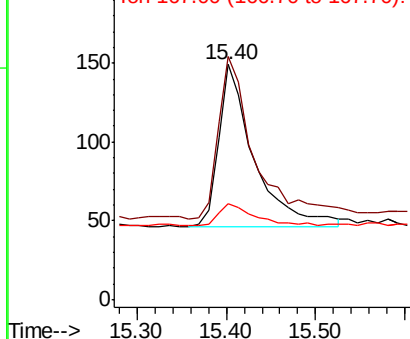
166 100

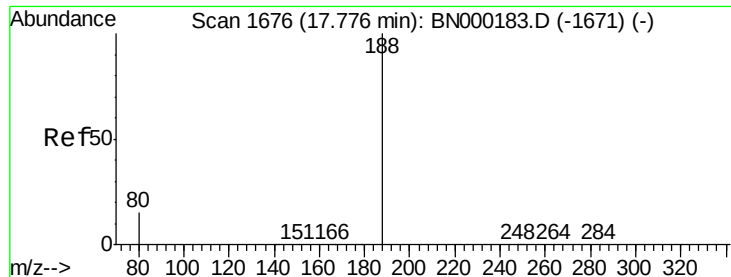
165 102.4 77.8 116.6

167 13.2 42.4 63.6#



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: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

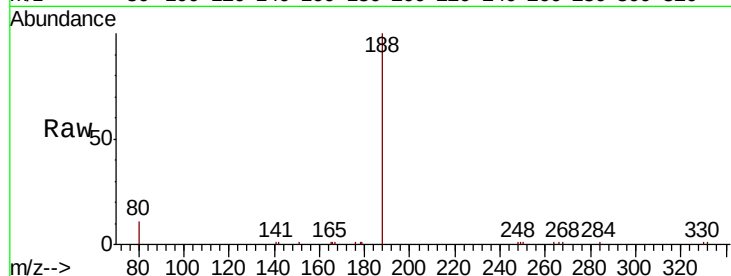
Tot Ion:188 Resp: 12983

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

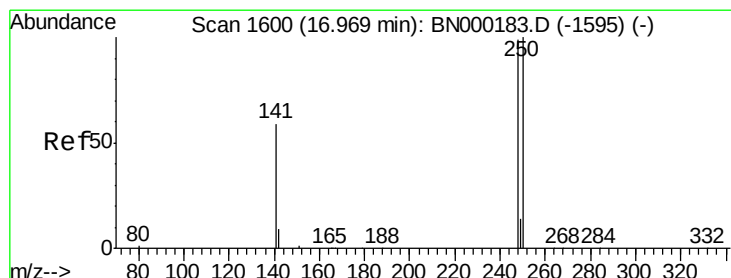
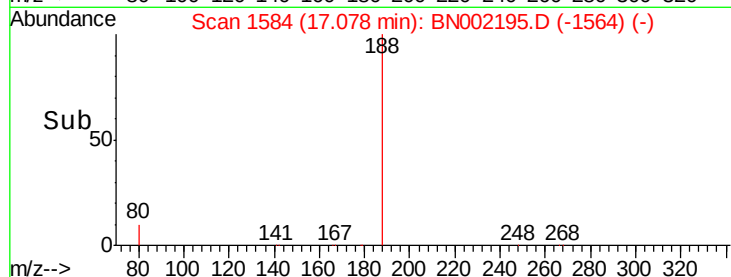
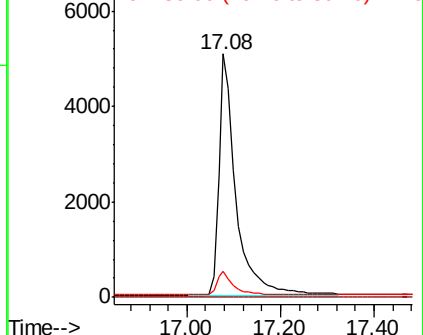
80 10.8 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.005 ng

RT: 16.29 min Scan# 1510

Delta R.T. 0.03 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

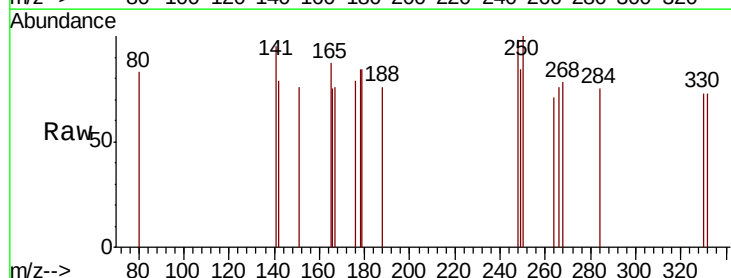
Tgt Ion:248 Resp: 39

Ion Ratio Lower Upper

248 100

250 101.6 62.7 94.1#

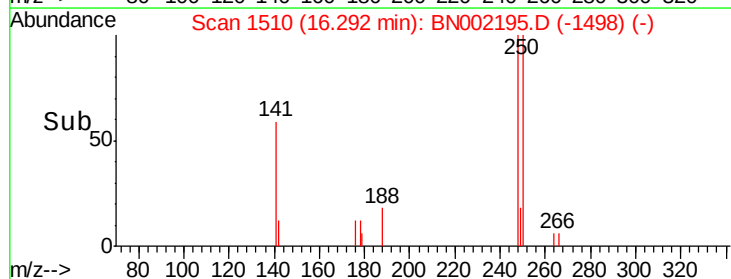
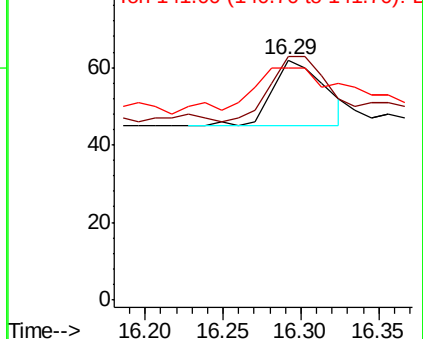
141 96.8 48.2 72.2#

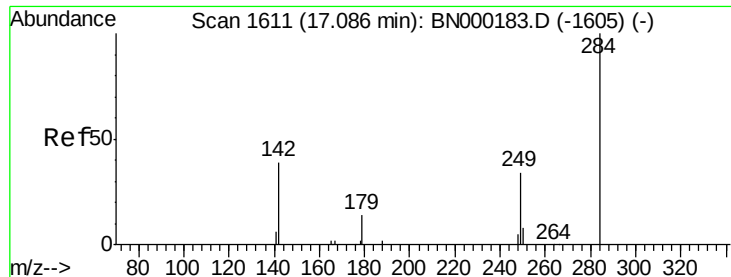


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.32 min Scan# 1513

Delta R.T. -0.05 min

Lab File: BN002195.D

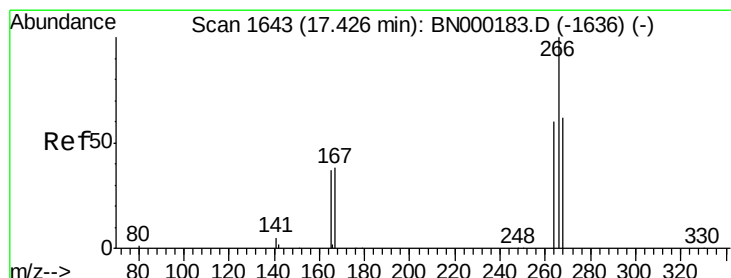
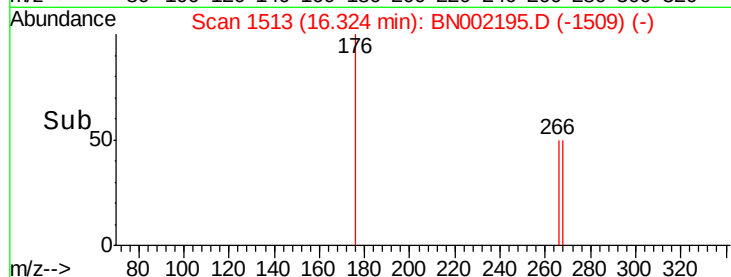
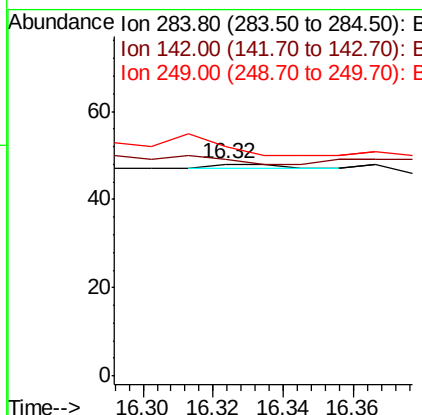
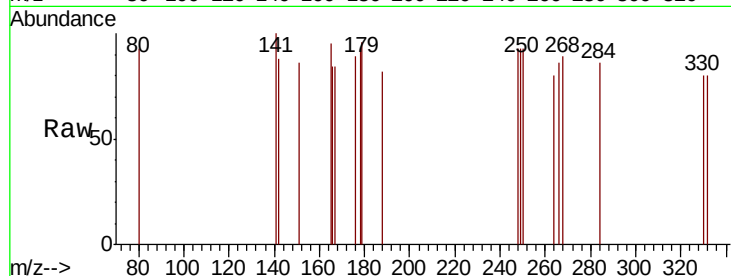
Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

Tot Ion:284	Resp:	1
Ion	Ratio	Lower Upper
284	100	
142	0.0	32.0 48.0#
249	0.0	24.0 36.0#



#22

Pentachlorophenol

Concen: 0.095 ng

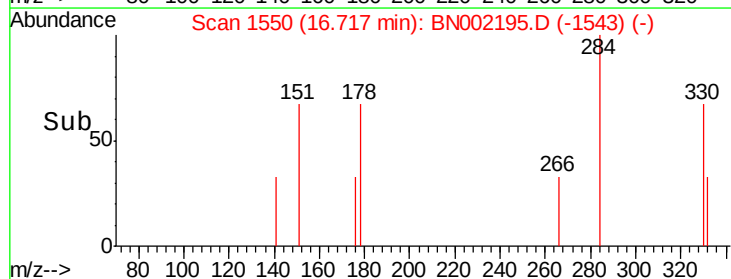
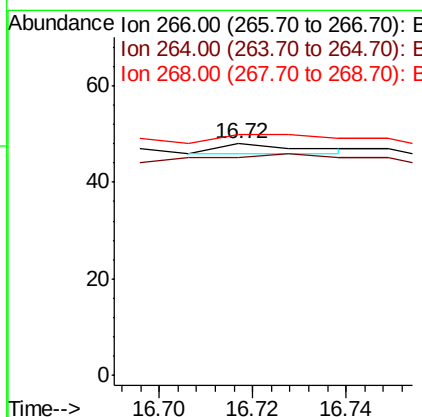
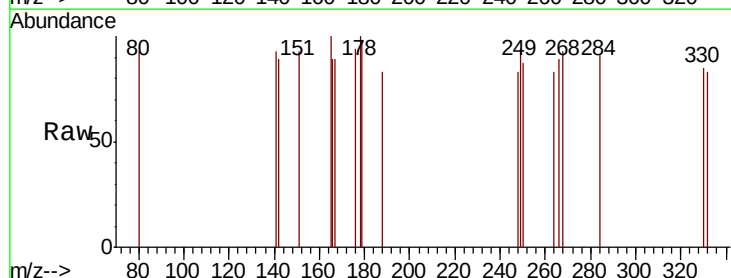
RT: 16.72 min Scan# 1550

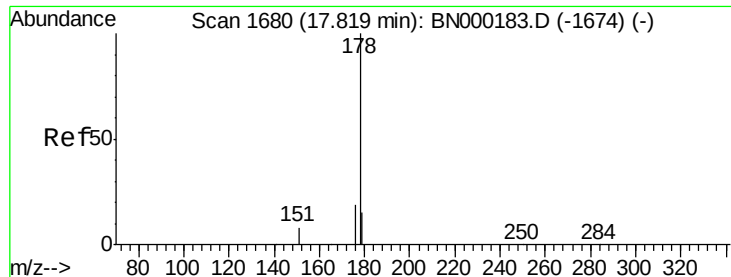
Delta R.T. -0.02 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Tgt Ion:266	Resp:	3
Ion	Ratio	Lower Upper
266	100	
264	93.8	48.0 72.0#
268	104.2	52.0 78.0#





#23

Phenanthrene

Concen: 0.011 ng

RT: 17.12 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampled :

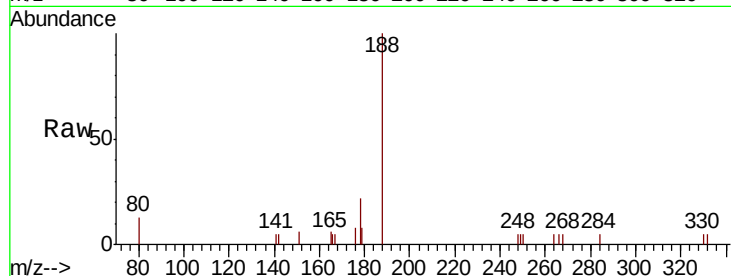
Tot Ion:178 Resp: 365

Ion Ratio Lower Upper

178 100

176 21.4 15.1 22.7

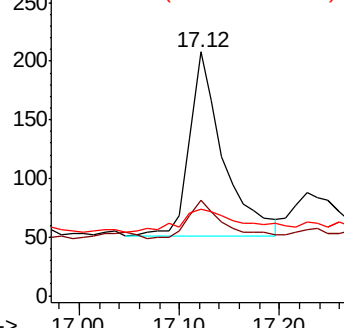
179 24.4 11.8 17.6#



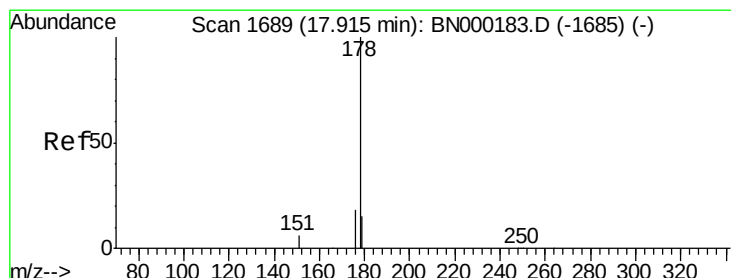
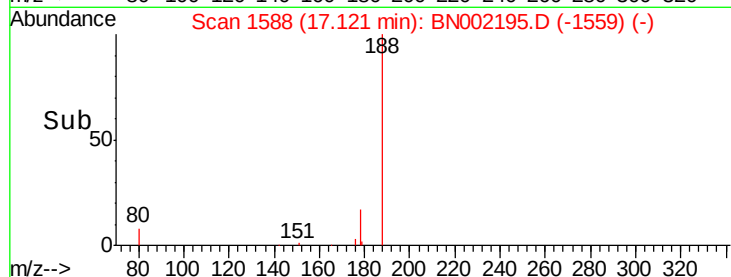
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.002 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.02 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

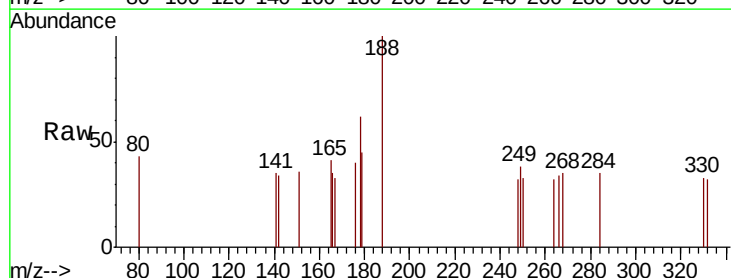
Tgt Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 14.8 12.8 19.2

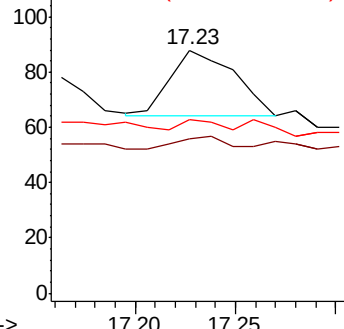
179 7.4 13.0 19.6#



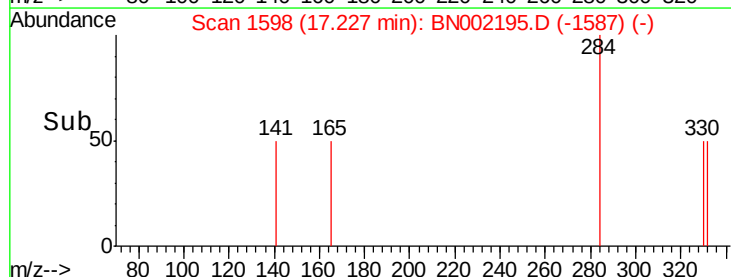
Abundance Ion 178.00 (177.70 to 178.70): E

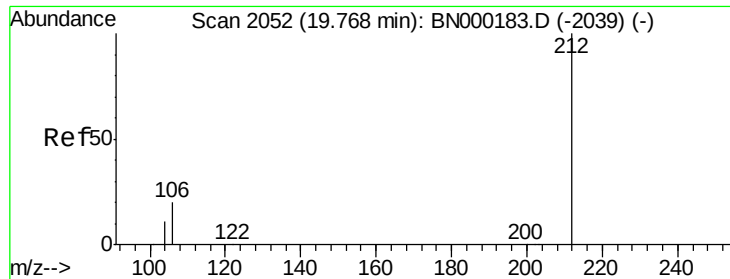
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

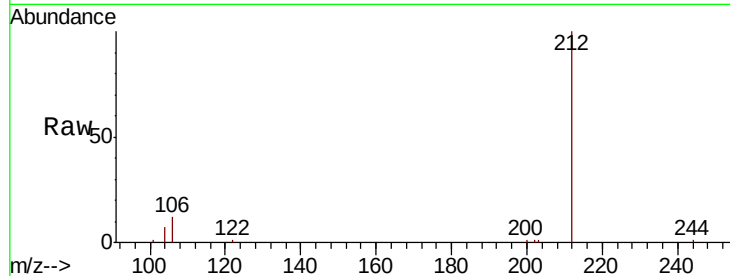
Tot Ion:212 Resp: 12149

Ion Ratio Lower Upper

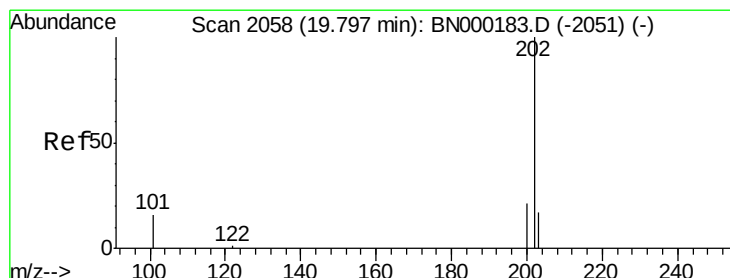
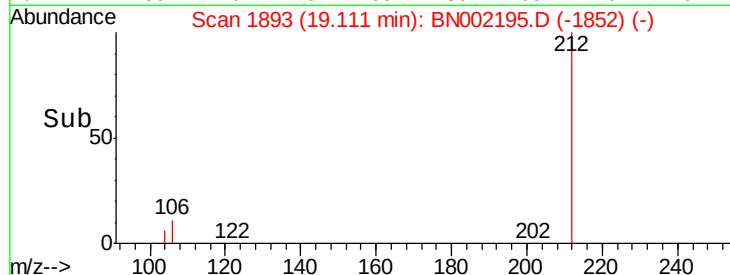
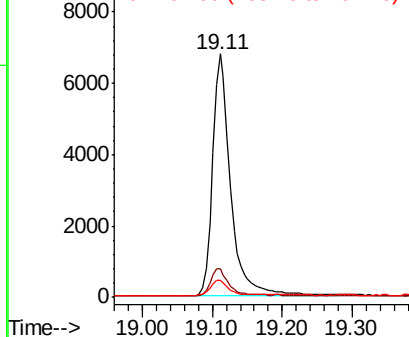
212 100

106 11.1 2.8 4.2#

104 6.6 1.6 2.4#



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: 0.001 ng

RT: 19.14 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

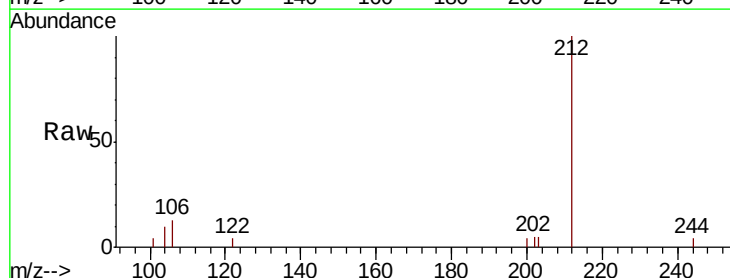
Tgt Ion:202 Resp: 26

Ion Ratio Lower Upper

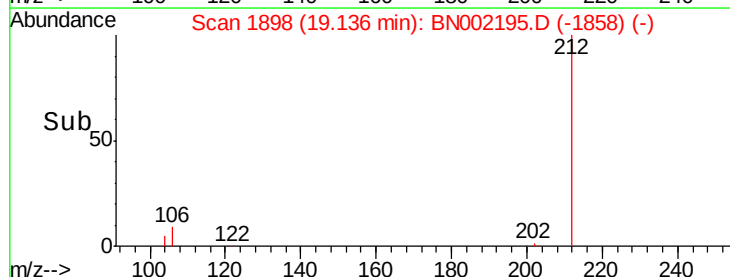
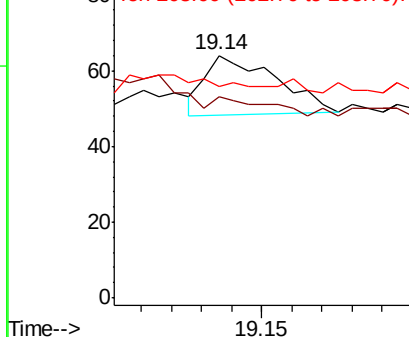
202 100

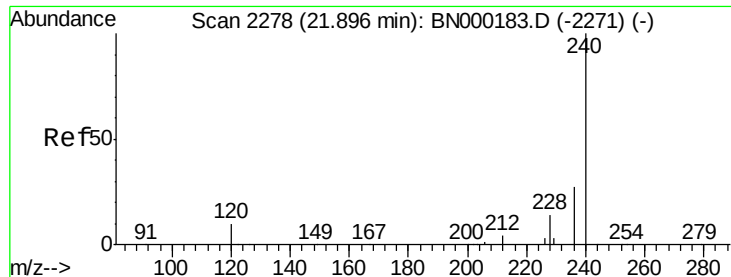
101 0.0 9.8 14.8#

203 0.0 13.7 20.5#



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

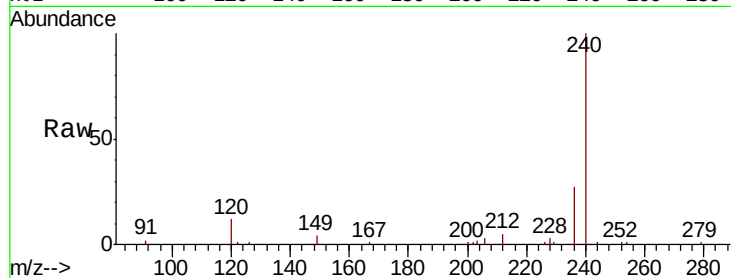




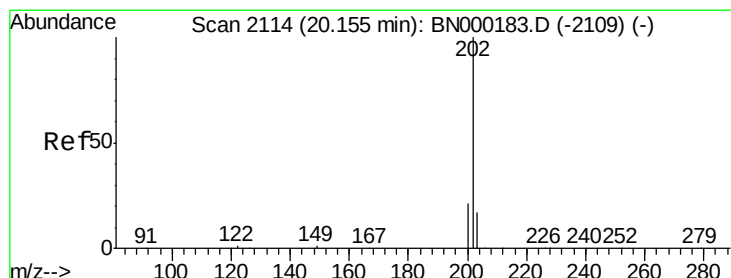
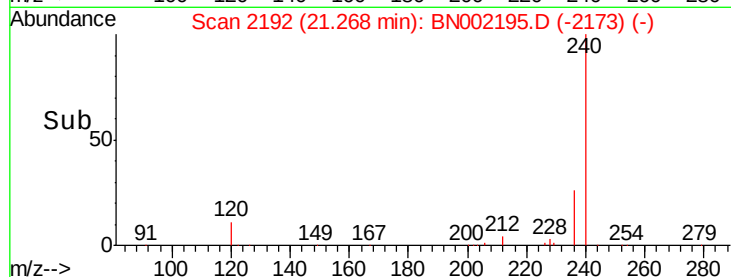
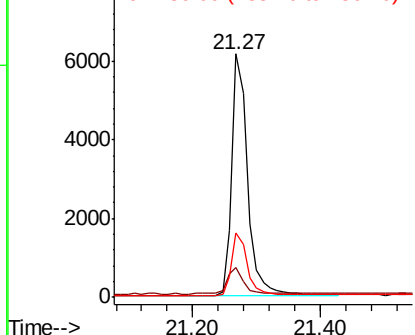
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 10491
Ion Ratio Lower Upper
240 100
120 12.4 5.5 8.3#
236 26.7 20.7 31.1

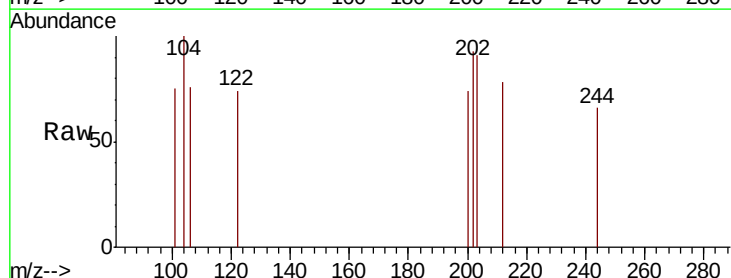


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

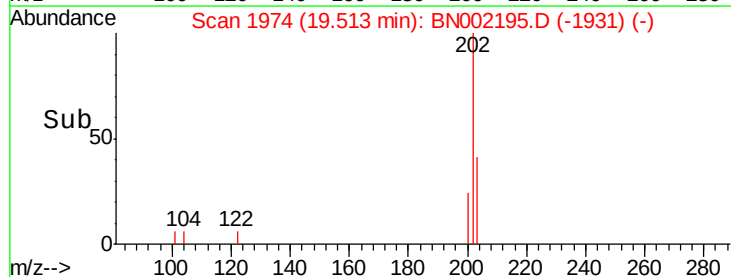
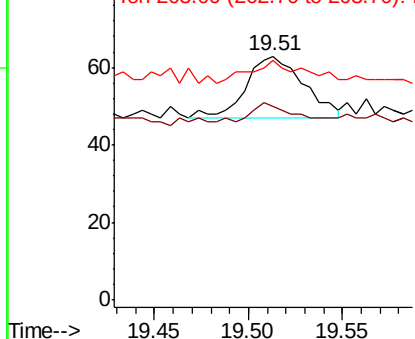


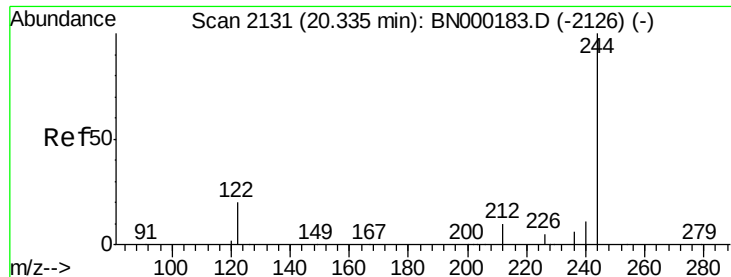
#28
Pyrene
Concen: 0.001 ng
RT: 19.51 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:202 Resp: 34
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 35.3 13.8 20.8#



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: 0.341 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

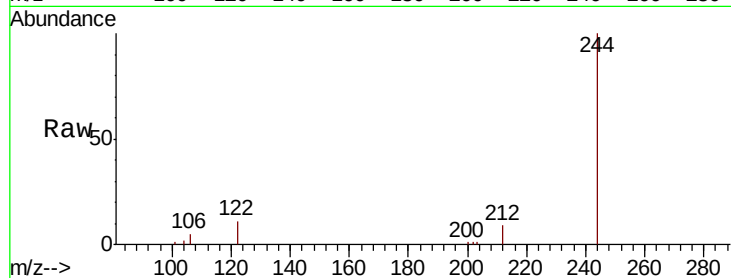
Tot Ion:244 Resp: 7649

Ion Ratio Lower Upper

244 100

212 8.7 25.4 38.0#

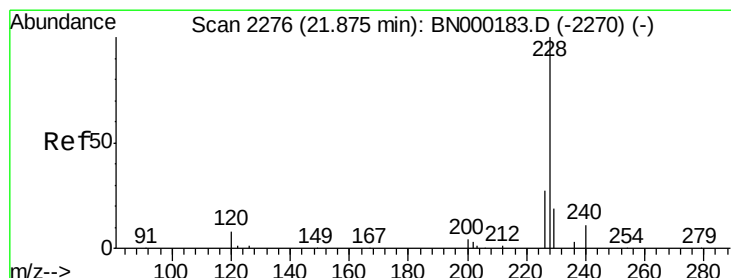
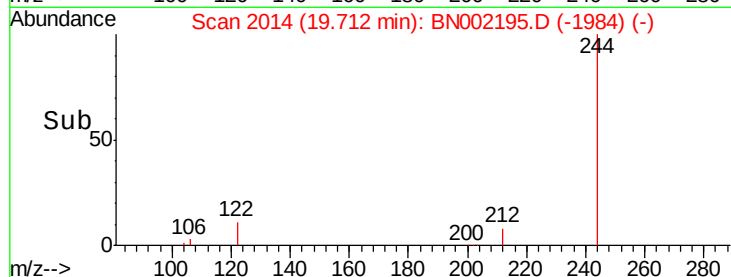
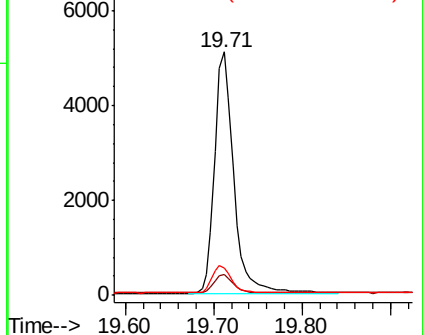
122 11.4 8.1 12.1



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: 0.013 ng

RT: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

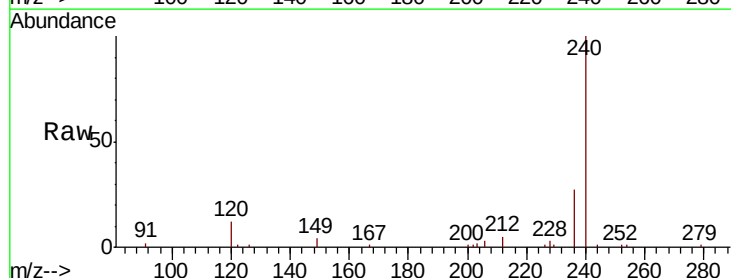
Tgt Ion:228 Resp: 334

Ion Ratio Lower Upper

228 100

226 39.6 24.0 36.0#

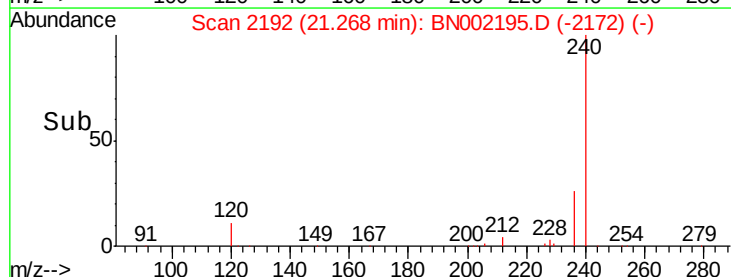
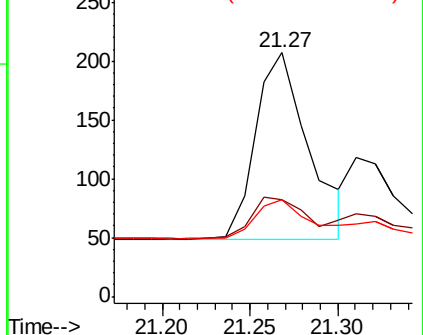
229 39.6 16.0 24.0#

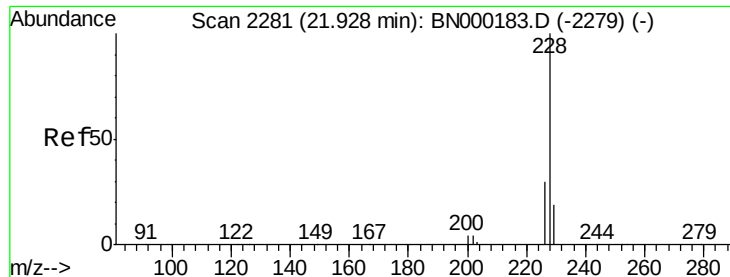


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.005 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

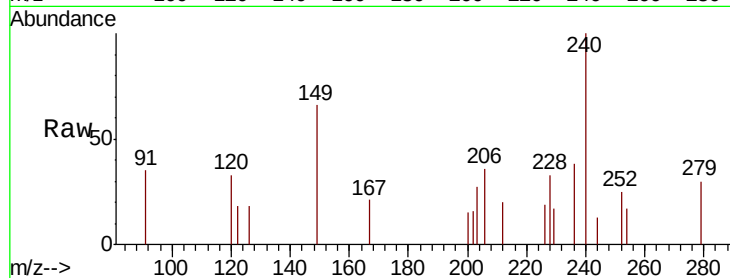
Tot Ion:228 Resp: 138

Ion Ratio Lower Upper

228 100

226 59.3 24.0 36.0#

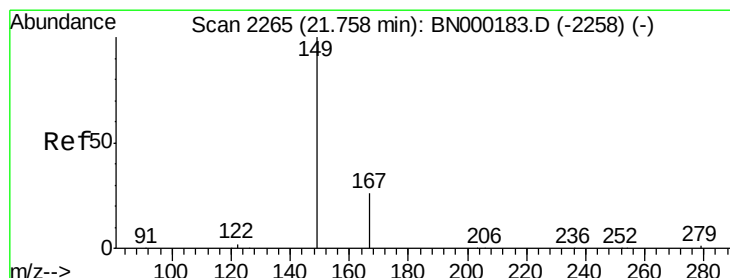
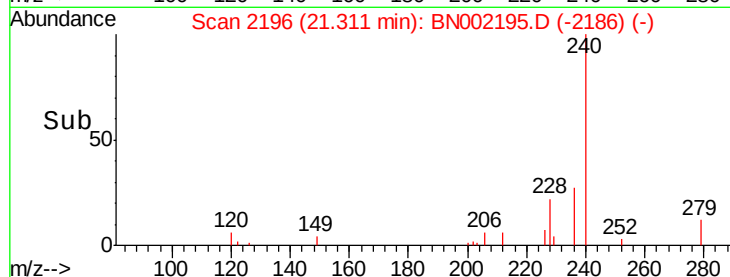
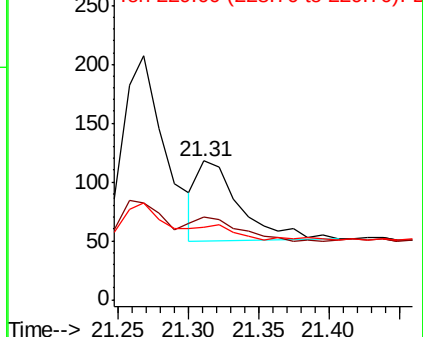
229 51.7 16.0 24.0#



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: 0.028 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

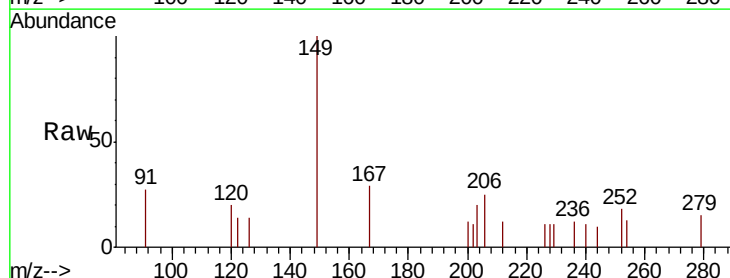
Tgt Ion:149 Resp: 341

Ion Ratio Lower Upper

149 100

167 27.0 20.0 30.0

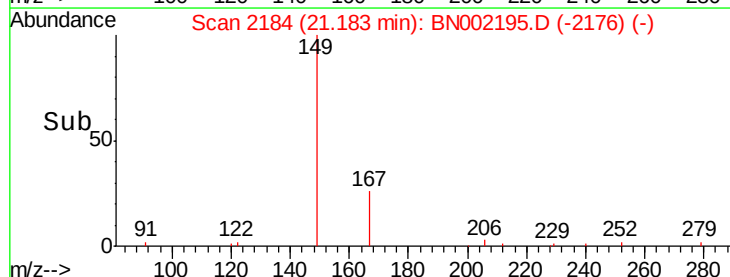
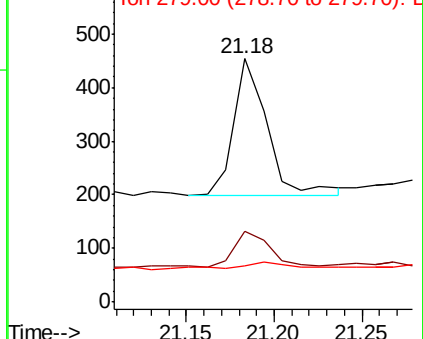
279 5.6 1.6 2.4#

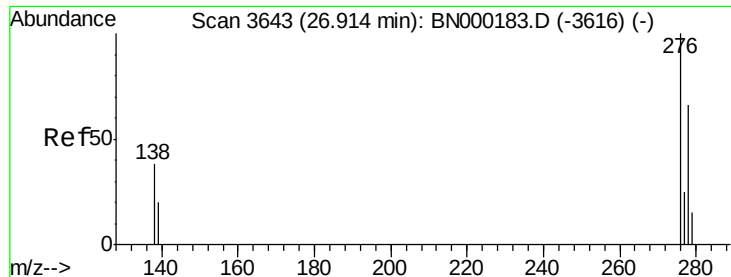


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

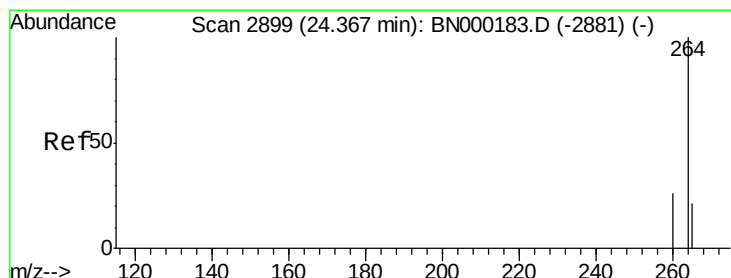
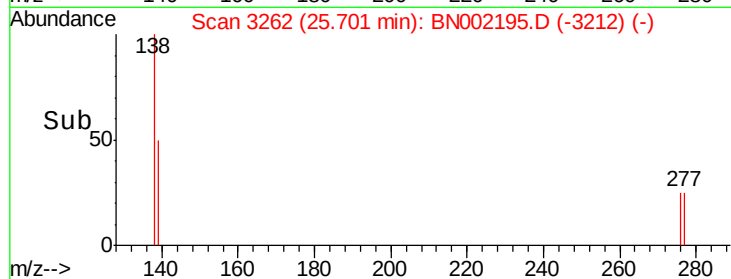
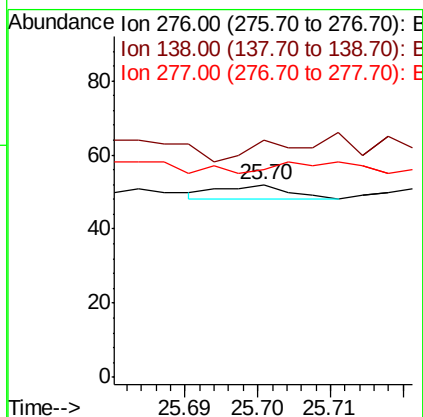
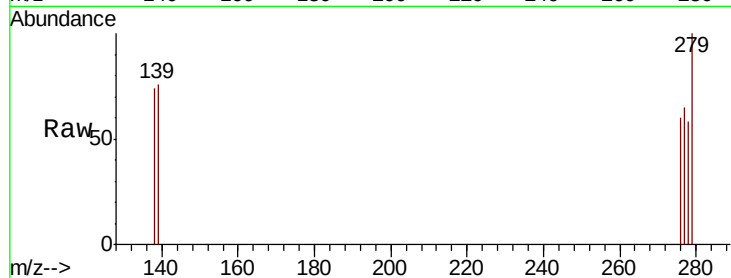




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.70 min Scan# 3262
Delta R.T. -0.03 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

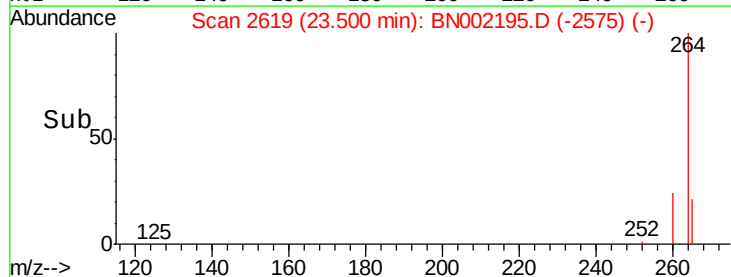
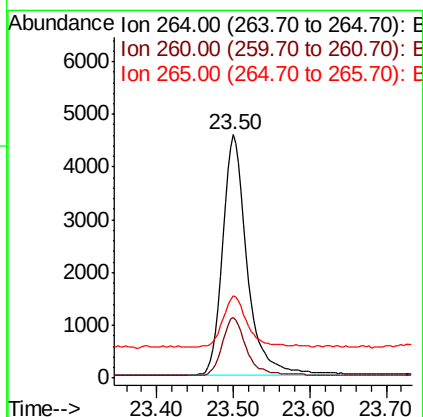
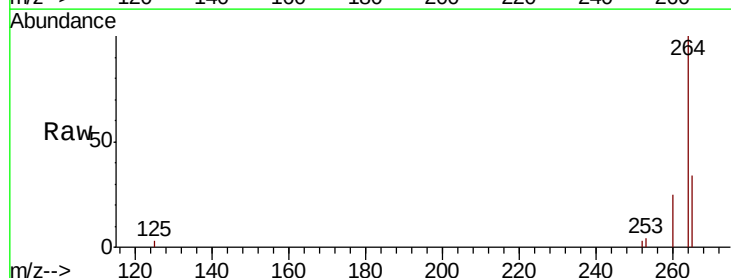
Instrument :
BNA_N
ClientSampleId :

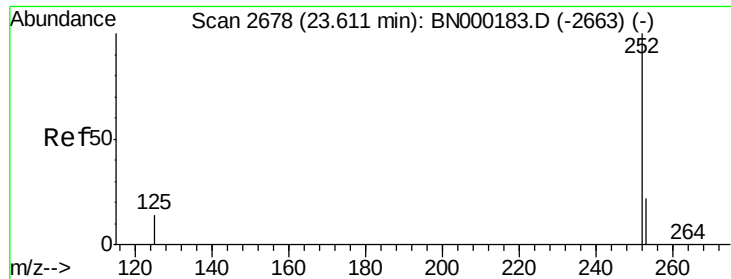
Tot Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 166.7 22.5 33.7#
277 66.7 19.9 29.9#



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:264 Resp: 10308
Ion Ratio Lower Upper
264 100
260 25.0 20.5 30.7
265 34.0 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.012 ng

RT: 22.84 min Scan# 2427

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

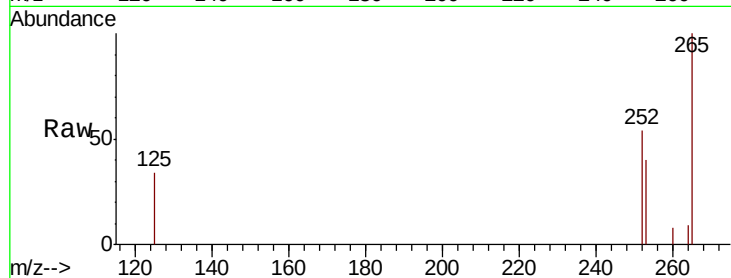
Tot Ion:252 Resp: 371

Ion Ratio Lower Upper

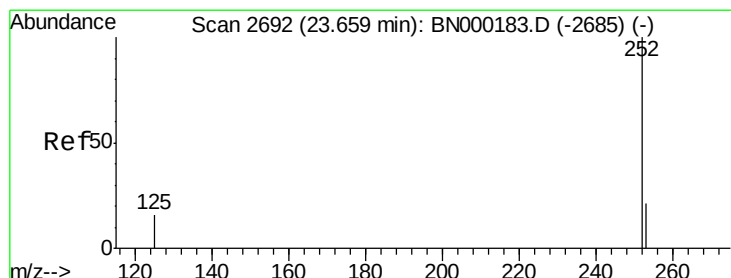
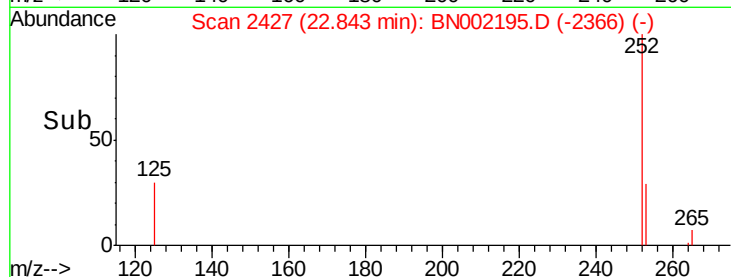
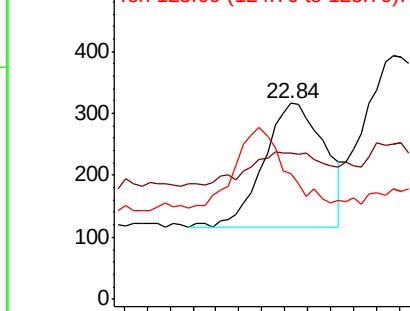
252 100

253 75.0 20.0 30.0#

125 63.9 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.019 ng

RT: 22.89 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

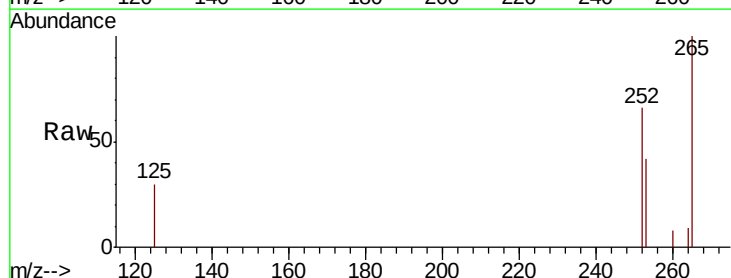
Tgt Ion:252 Resp: 594

Ion Ratio Lower Upper

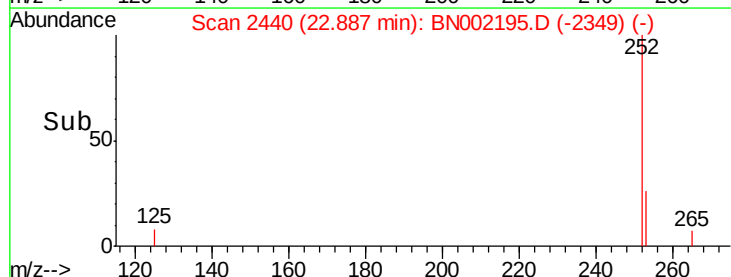
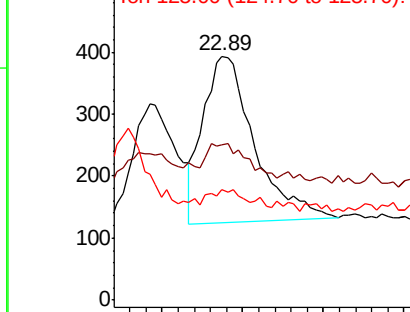
252 100

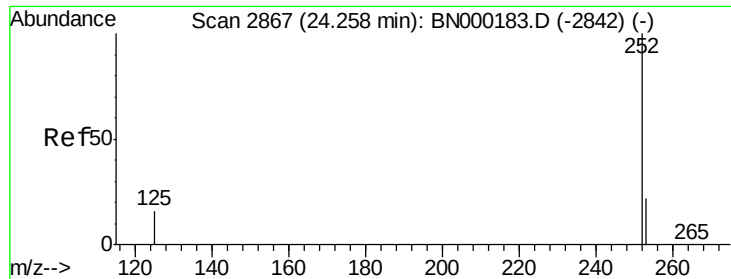
253 63.6 16.0 24.0#

125 45.5 8.0 12.0#



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: 0.019 ng

RT: 23.41 min Scan# 2594

Delta R.T. 0.01 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :

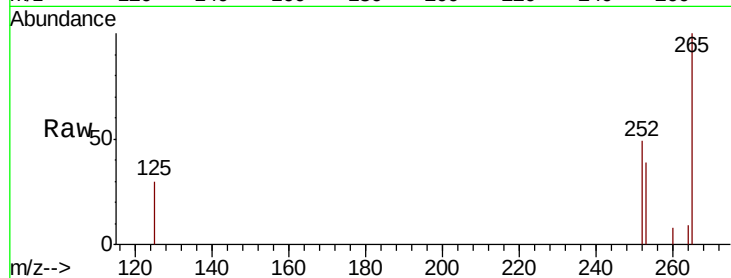
Tot Ion:252 Resp: 511

Ion Ratio Lower Upper

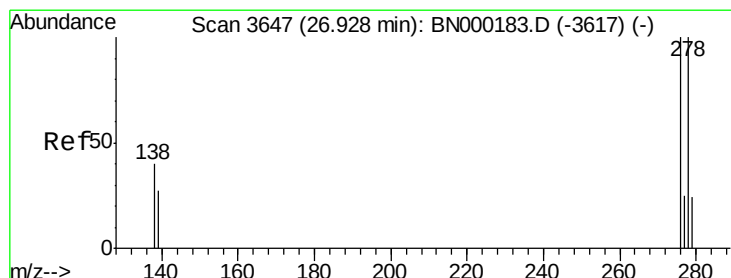
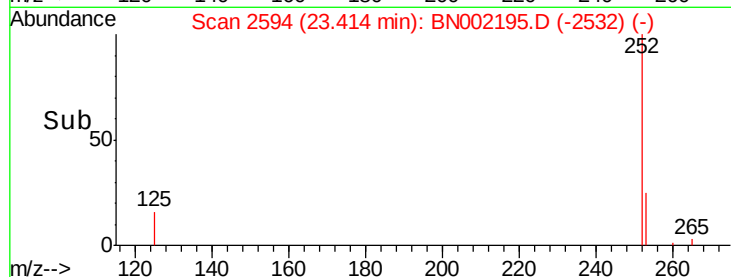
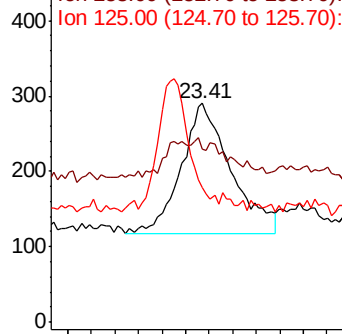
252 100

253 79.0 16.0 24.0#

125 61.4 12.0 18.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.006 ng

RT: 25.79 min Scan# 3288

Delta R.T. 0.05 min

Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

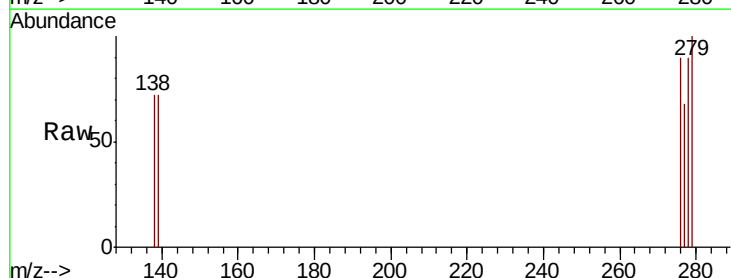
Tgt Ion:278 Resp: 152

Ion Ratio Lower Upper

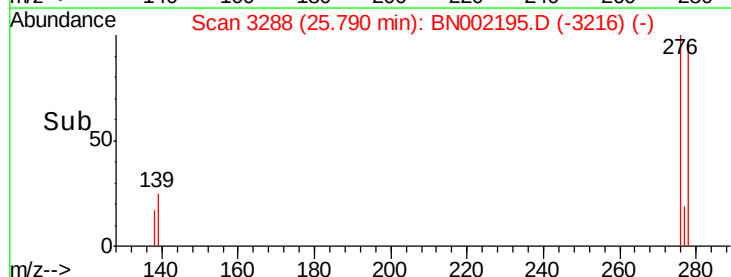
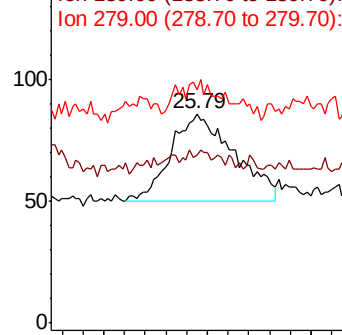
278 100

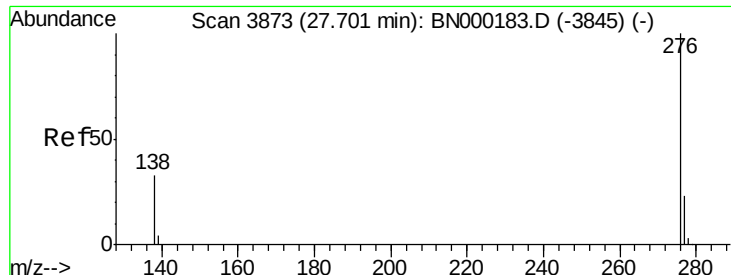
139 80.2 16.0 24.0#

279 111.6 20.0 30.0#



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: 0.000 ng

RT: 26.40 min Scan# 3465

Delta R.T. -0.01 min

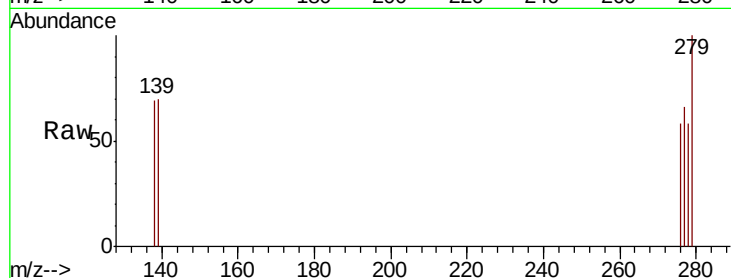
Lab File: BN002195.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
277	113.5	16.0	24.0#
138	117.3	20.0	30.0#

