

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002192.D
 Acq On : 30 Jul 2018 19:00
 Operator : JU/SJ
 Sample : J3762-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 31 01:25:09 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	3070	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	12302	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	6383	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	12981	0.40	ng	0.01
27) Chrysene-d12	21.27	240	11059	0.40	ng	0.00
34) Perylene-d12	23.50	264	10547	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2508	0.35	ng	0.00
5) Phenol-d6	6.88	99	2656	0.30	ng	0.00
8) Nitrobenzene-d5	8.86	82	3225	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.07	152	6766	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	679	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.95	172	9499	0.39	ng	0.01
25) Fluoranthene-d10	19.11	212	12093	0.38	ng	0.00
29) Terphenyl-d14	19.71	244	8223	0.35	ng	0.00

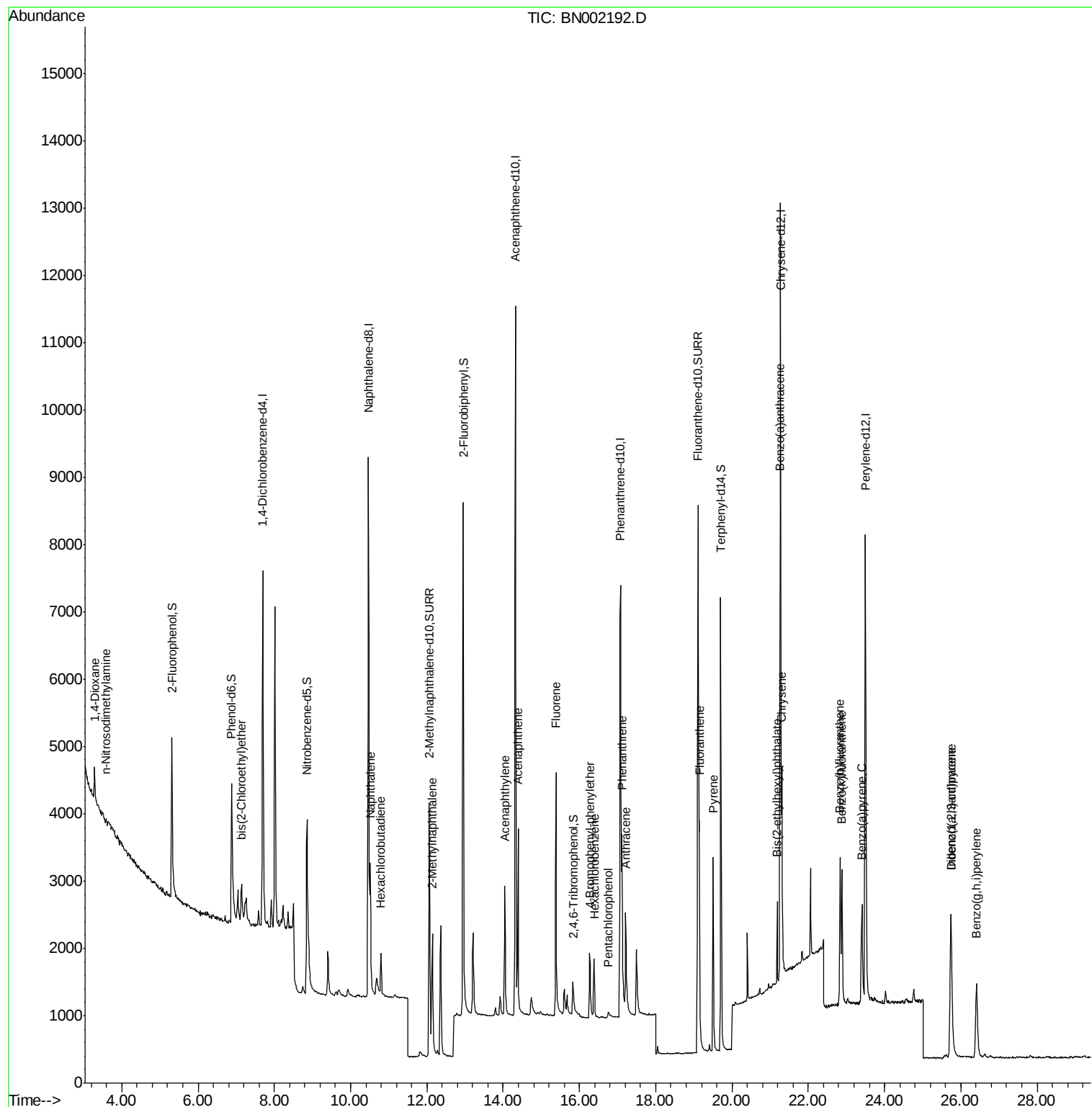
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	424	0.123	ng	# 78
3) n-Nitrosodimethylamine	3.58	42	23	0.123	ng	# 1
6) bis(2-Chloroethyl)ether	7.14	93	785	0.094	ng	99
9) Naphthalene	10.52	128	2609	0.094	ng	# 89
10) Hexachlorobutadiene	10.80	225	584	0.097	ng	# 55
12) 2-Methylnaphthalene	12.14	142	1680	0.090	ng	99
16) Acenaphthylene	14.04	152	2359	0.087	ng	99
17) Acenaphthene	14.39	154	1567	0.089	ng	94
18) Fluorene	15.38	166	1857	0.086	ng	# 79
20) 4-Bromophenyl-phenylether	16.27	248	632	0.086	ng	# 78
21) Hexachlorobenzene	16.39	284	772	0.095	ng	98
22) Pentachlorophenol	16.76	266	85	0.135	ng	# 64
23) Phenanthrene	17.11	178	2869	0.089	ng	97
24) Anthracene	17.22	178	2024	0.076	ng	96
26) Fluoranthene	19.14	202	3022	0.086	ng	98
28) Pyrene	19.50	202	3085	0.094	ng	99
30) Benzo(a)anthracene	21.26	228	2398	0.086	ng	96
31) Chrysene	21.31	228	3046	0.098	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	1100	0.086	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.74	276	3118	0.106	ng	# 93
35) Benzo(b)fluoranthene	22.84	252	2772	0.089	ng	# 92
36) Benzo(k)fluoranthene	22.88	252	3048	0.095	ng	# 75
37) Benzo(a)pyrene	23.41	252	2602	0.093	ng	# 70
38) Dibenzo(a,h)anthracene	25.75	278	2544	0.093	ng	# 88
39) Benzo(g,h,i)perylene	26.41	276	2703	0.097	ng	# 90

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002192.D
Acq On : 30 Jul 2018 19:00
Operator : JU/SJ
Sample : J3762-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 31 01:25:09 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: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

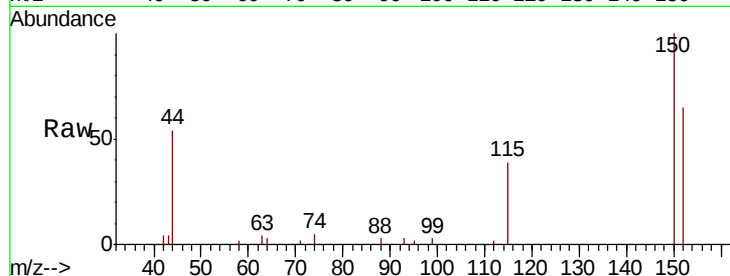
Tot Ion:152 Resp: 3070

Ion Ratio Lower Upper

152 100

150 154.2 117.2 175.8

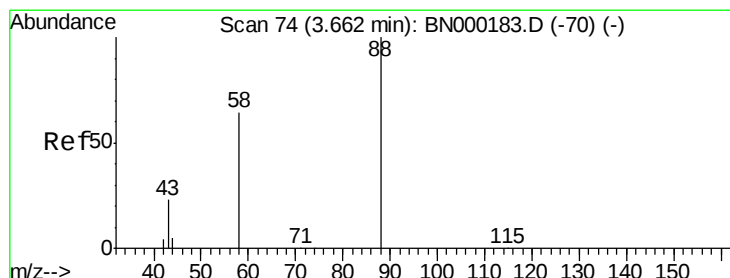
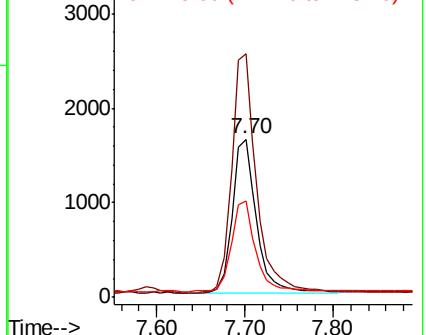
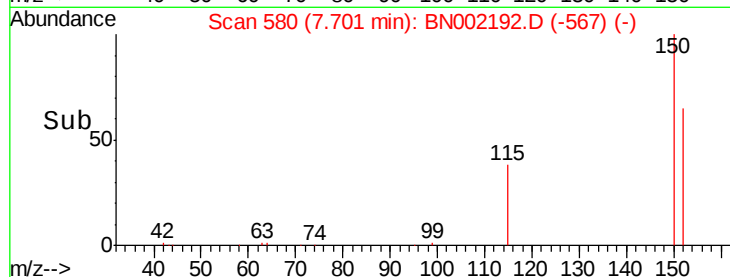
115 60.7 57.0 85.6



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: 0.123 ng

RT: 3.29 min Scan# 32

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

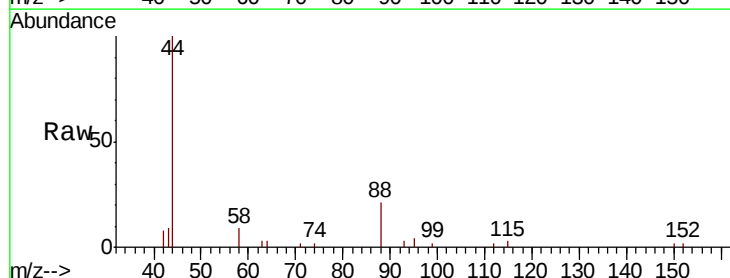
Tgt Ion: 88 Resp: 424

Ion Ratio Lower Upper

88 100

58 65.3 72.0 108.0#

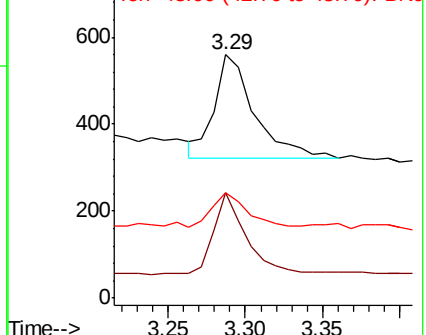
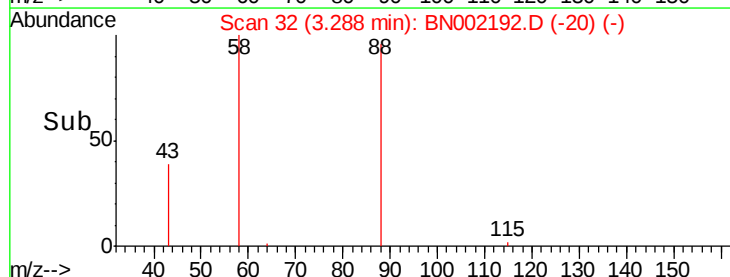
43 27.6 28.0 42.0#

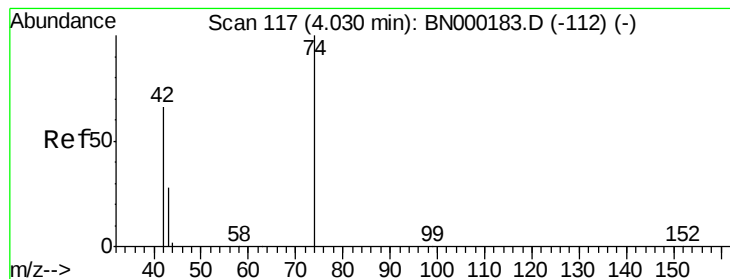


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.123 ng

RT: 3.58 min Scan# 68

Delta R.T. -0.03 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

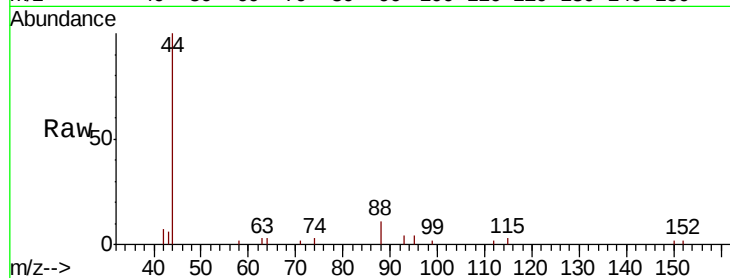
Tot Ion: 42 Resp: 23

Ion Ratio Lower Upper

42 100

74 26.1 88.0 132.0#

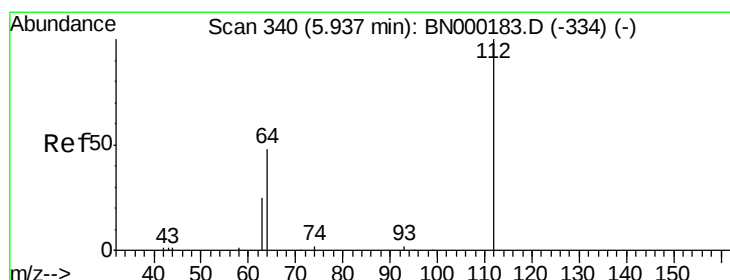
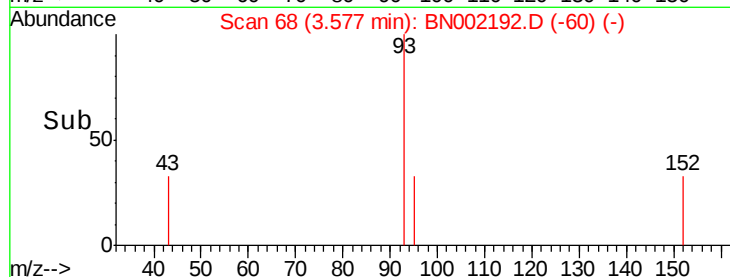
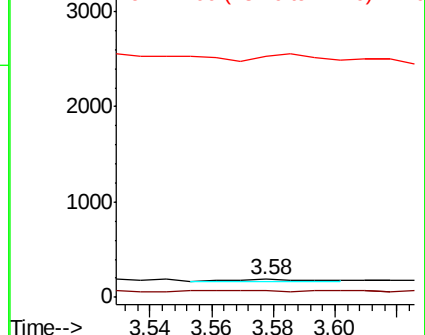
44 1034.8 16.0 24.0#



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: 0.350 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

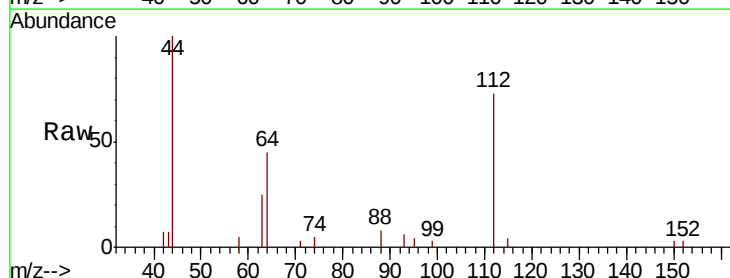
Tgt Ion: 112 Resp: 2508

Ion Ratio Lower Upper

112 100

64 64.9 60.1 90.1

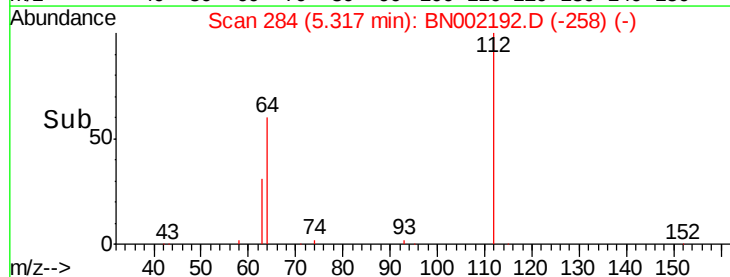
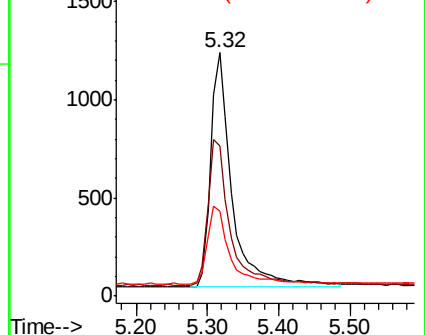
63 35.4 116.8 175.2#

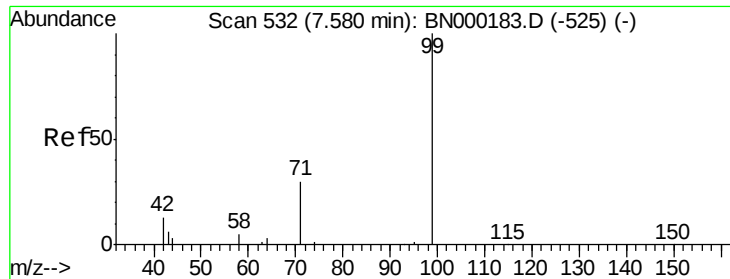


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.305 ng

RT: 6.88 min Scan# 478

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampled :

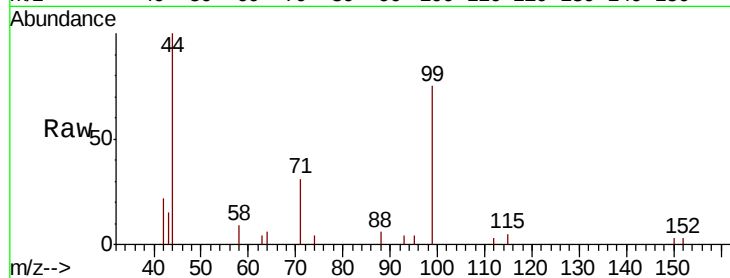
Tot Ion: 99 Resp: 2656

Ion Ratio Lower Upper

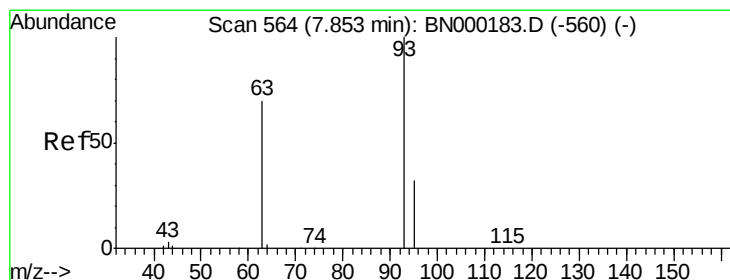
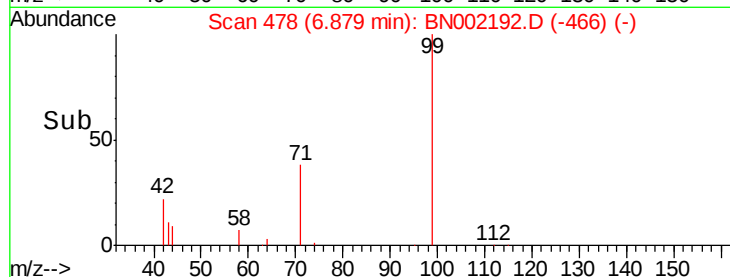
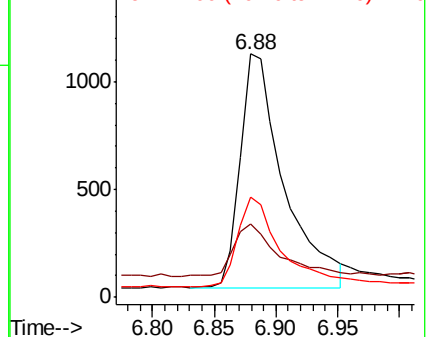
99 100

42 23.0 20.2 30.2

71 37.1 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: 0.094 ng

RT: 7.14 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

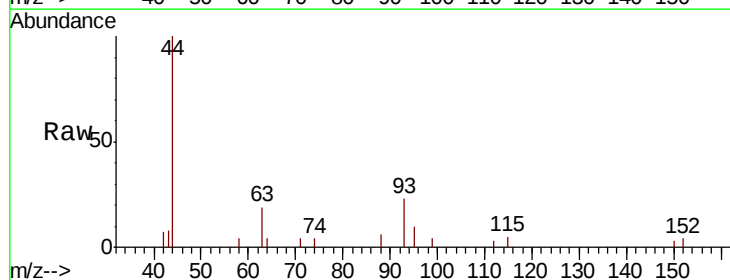
Tgt Ion: 93 Resp: 785

Ion Ratio Lower Upper

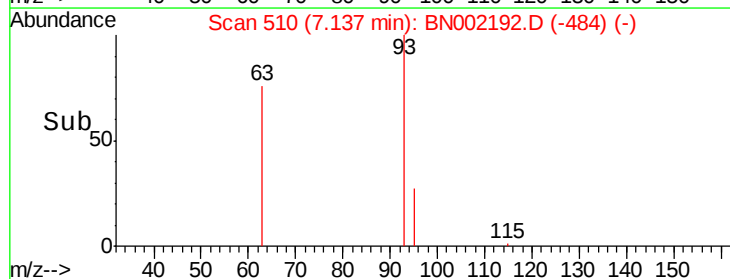
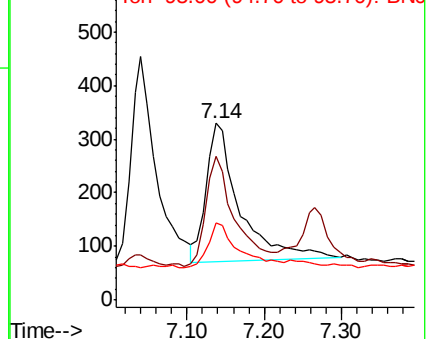
93 100

63 69.6 56.0 84.0

95 29.8 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: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12302

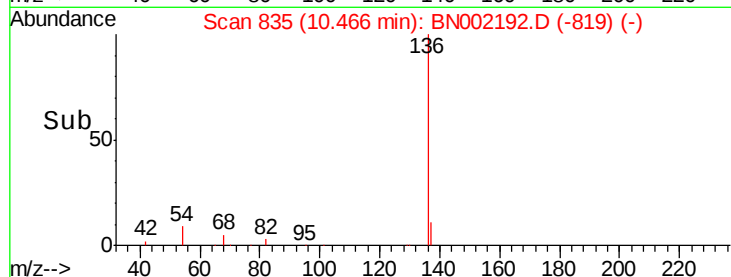
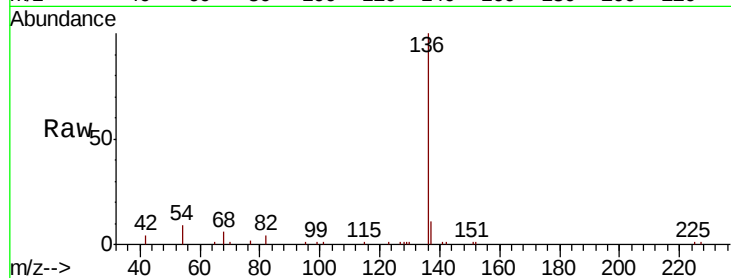
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 9.4 29.1 43.7#

68 6.3 6.2 9.2

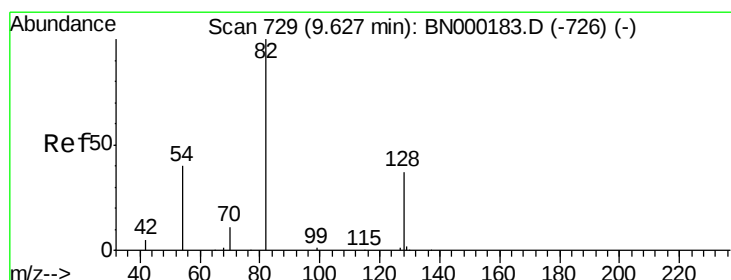
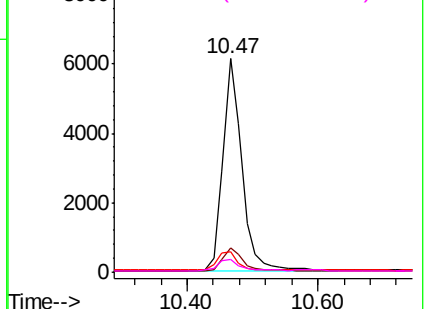


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

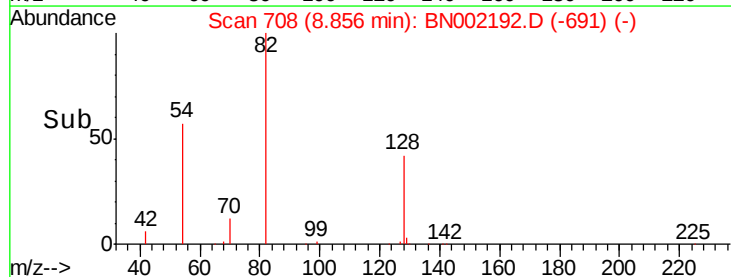
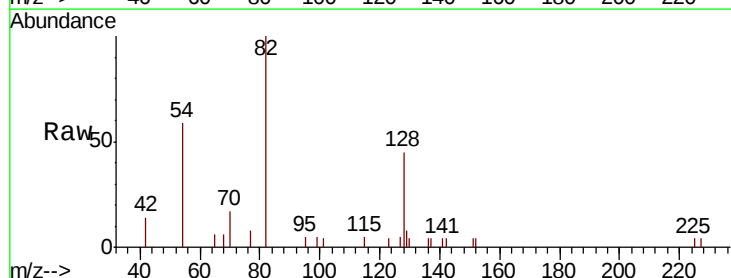
Tgt Ion: 82 Resp: 3225

Ion Ratio Lower Upper

82 100

128 44.8 150.0 225.0#

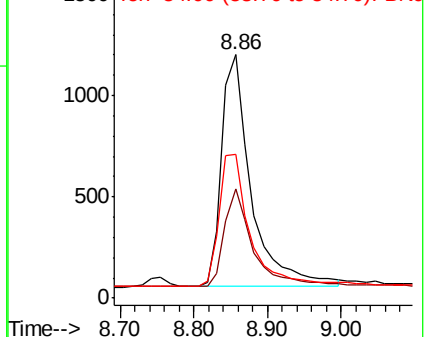
54 58.9 154.2 231.4#

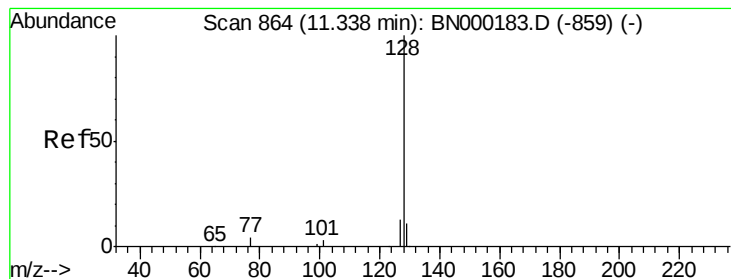


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.094 ng

RT: 10.52 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

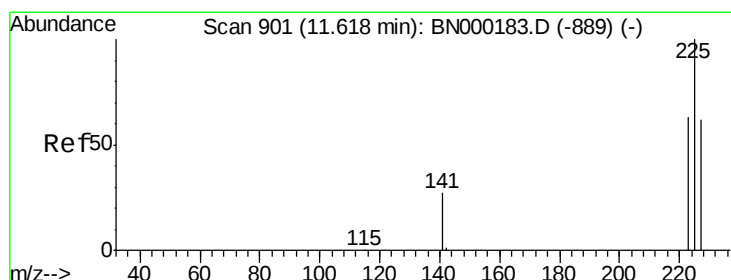
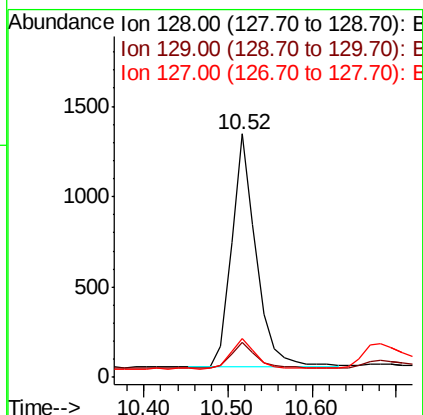
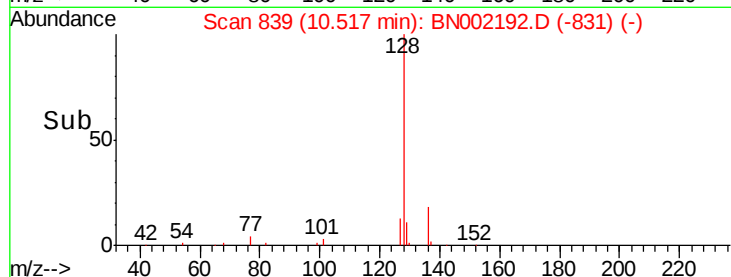
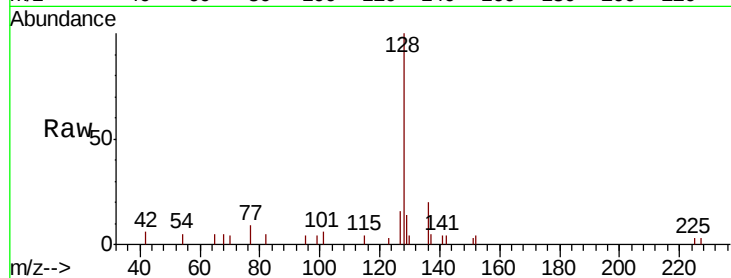
Tot Ion:128 Resp: 2609

Ion Ratio Lower Upper

128 100

129 14.3 8.0 12.0#

127 16.2 9.6 14.4#



#10

Hexachlorobutadiene

Concen: 0.097 ng

RT: 10.80 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

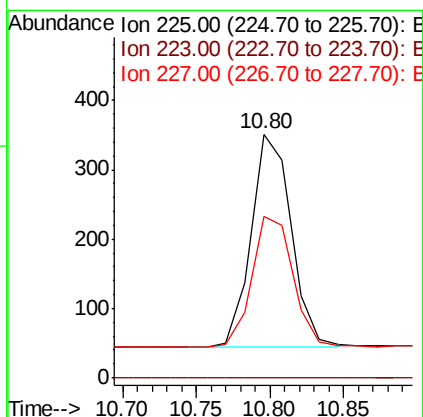
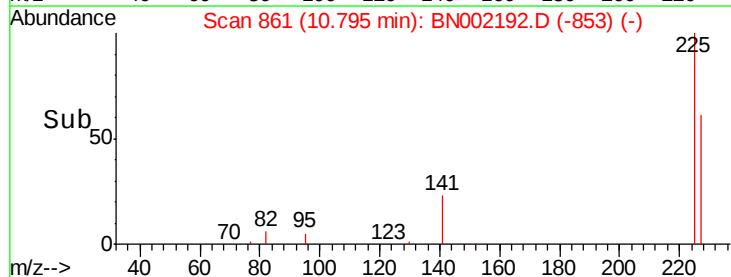
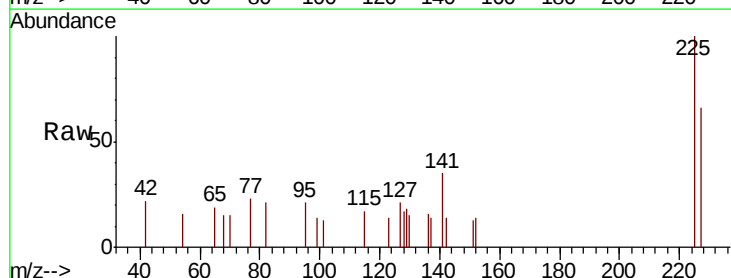
Tgt Ion:225 Resp: 584

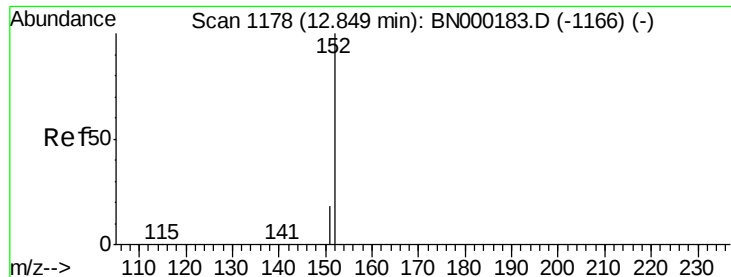
Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

227 63.4 48.0 72.0

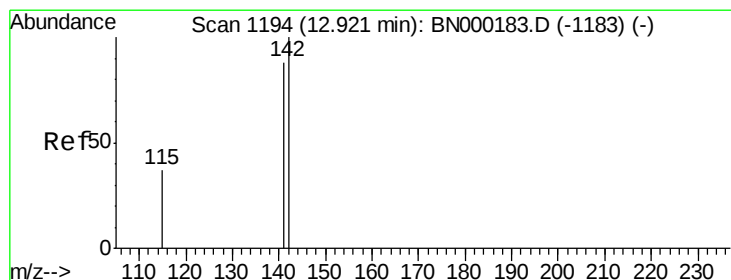
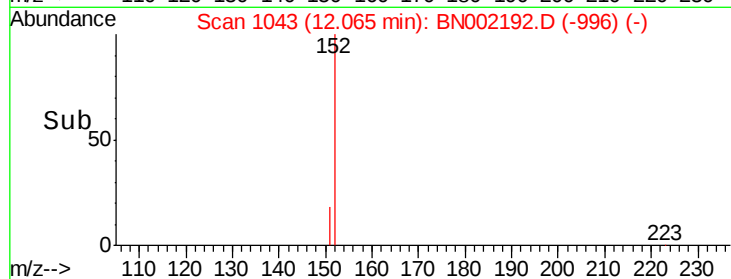
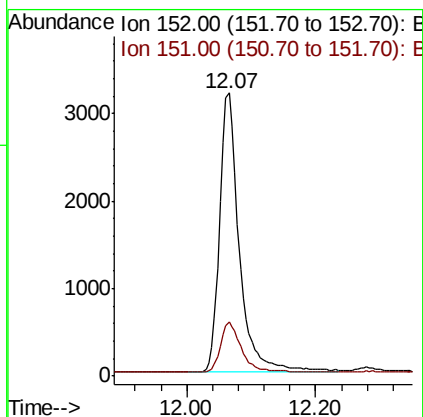
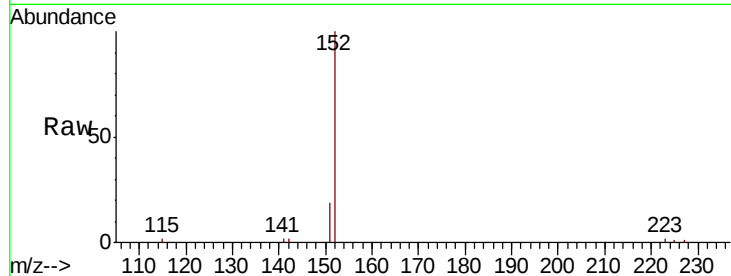




#11
 2-Methylnaphthalene-d10
 Concen: 0.373 ng
 RT: 12.07 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BN002192.D
 Acq: 30 Jul 2018 19:00

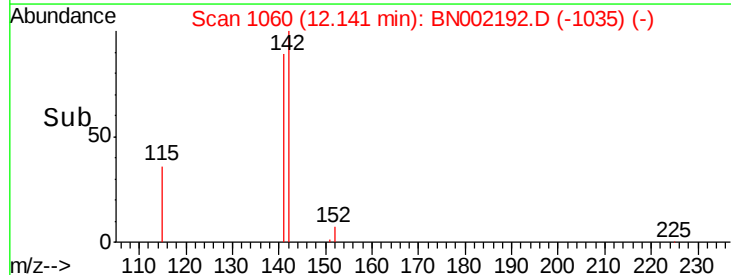
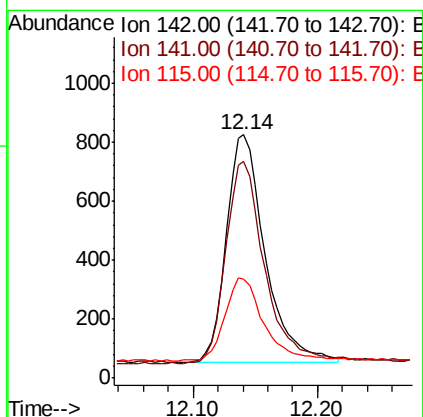
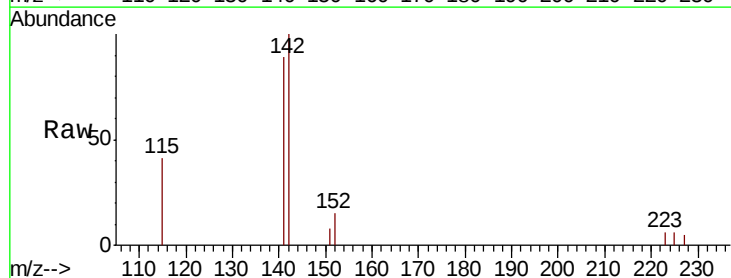
Instrument :
 BNA_N
 ClientSampleId :

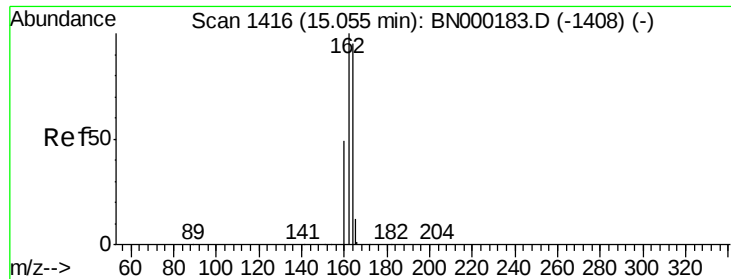
Tot Ion:152 Resp: 6766
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.090 ng
 RT: 12.14 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BN002192.D
 Acq: 30 Jul 2018 19:00

Tgt Ion:142 Resp: 1680
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.4 105.6
 115 40.7 31.7 47.5

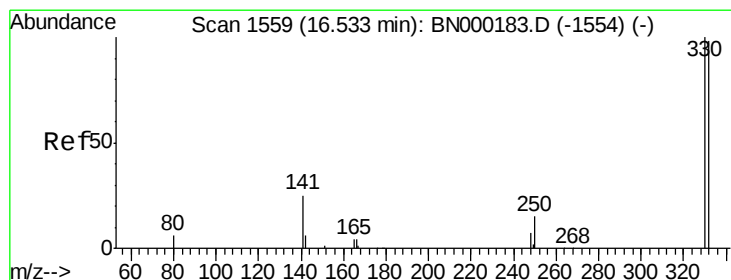
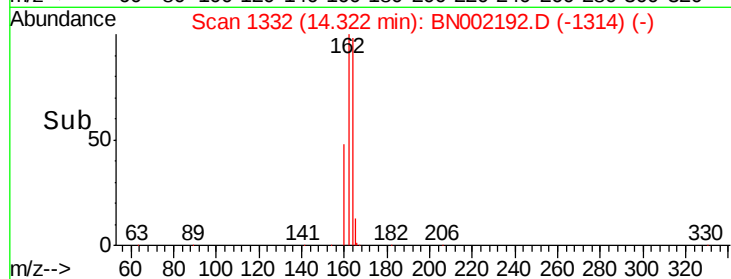
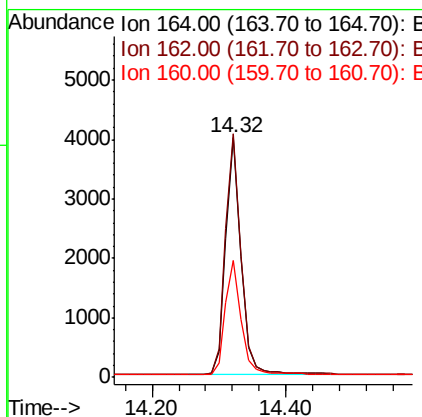
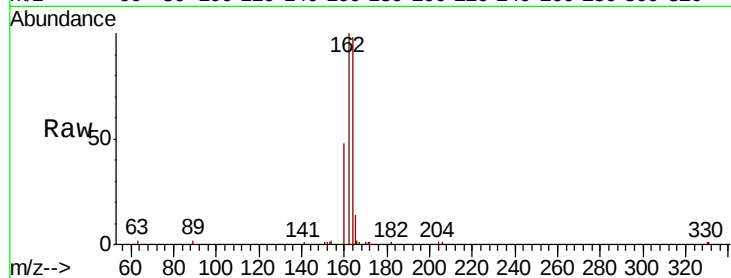




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

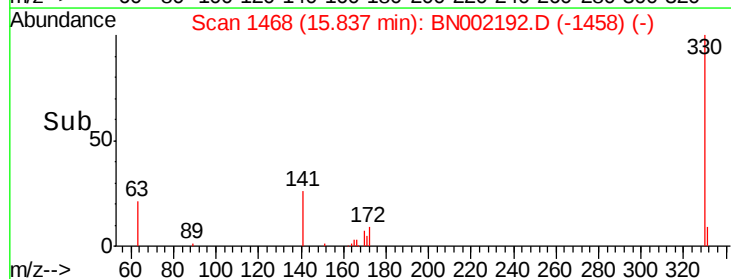
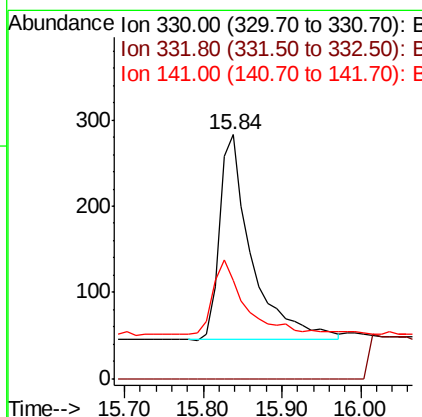
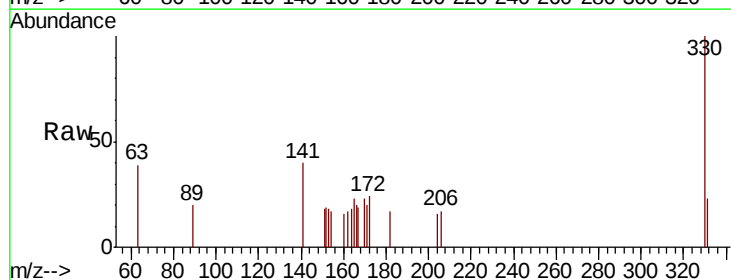
Instrument :
BNA_N
ClientSampleId :

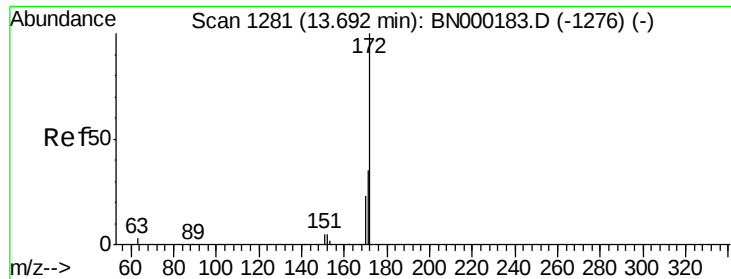
Tot Ion:164 Resp: 6383
Ion Ratio Lower Upper
164 100
162 101.8 83.1 124.7
160 49.1 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.84 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:330 Resp: 679
Ion Ratio Lower Upper
330 100
332 0.0 152.7 229.1#
141 36.8 33.7 50.5

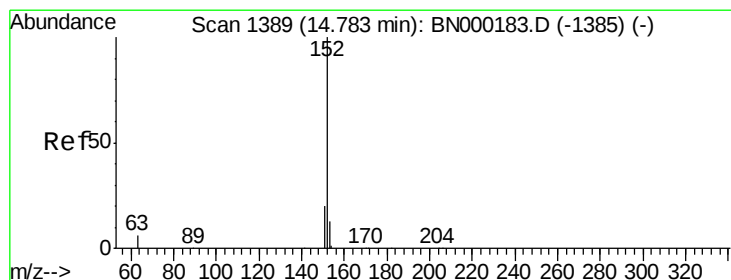
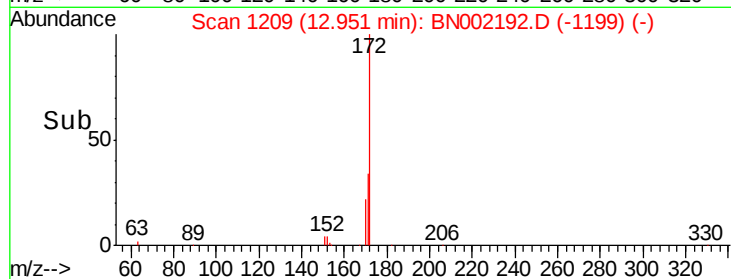
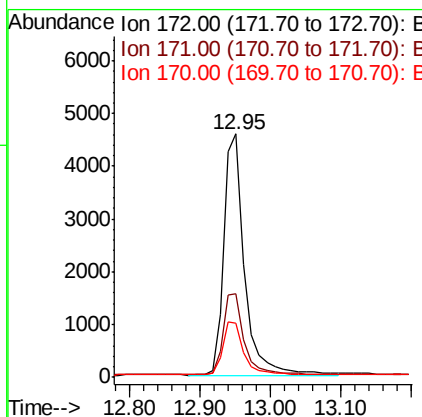
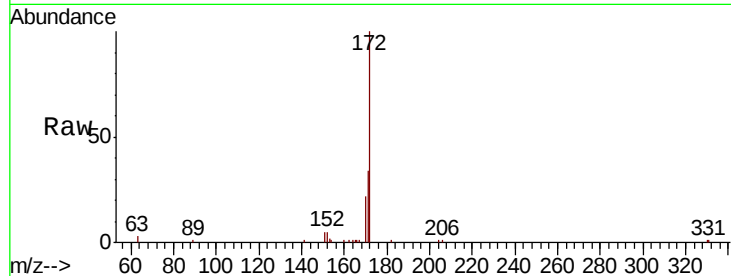




#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.95 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

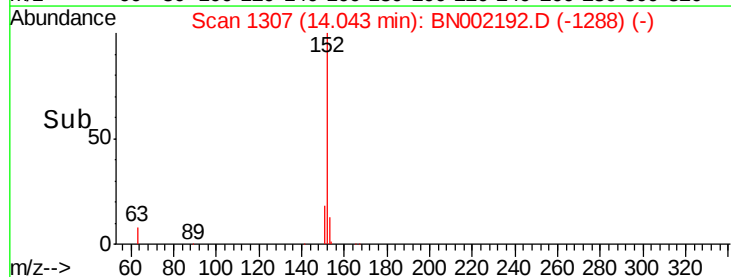
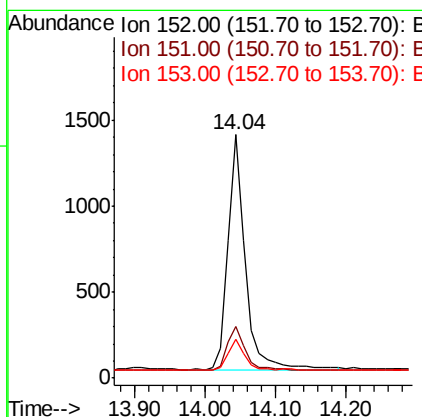
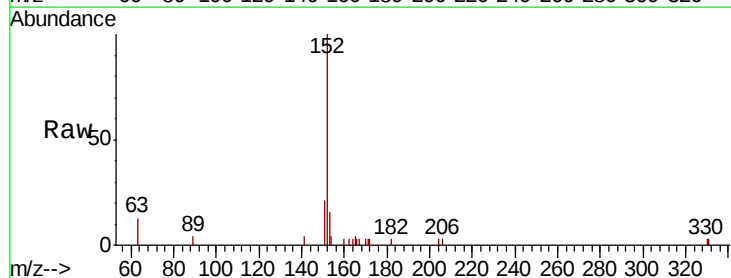
Instrument :
BNA_N
ClientSampleId :

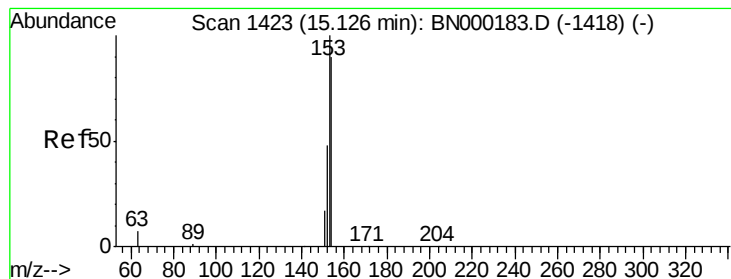
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.9	44.9
170	22.3	21.8	32.8



#16
Acenaphthylene
Concen: 0.087 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.8	10.5	15.7





#17

Acenaphthene

Concen: 0.089 ng

RT: 14.39 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampled :

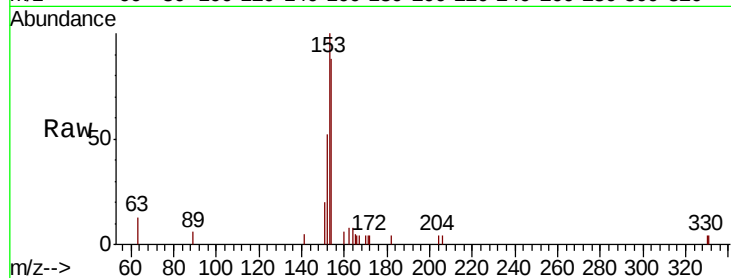
Tot Ion:154 Resp: 1567

Ion Ratio Lower Upper

154 100

153 117.4 89.2 133.8

152 58.6 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

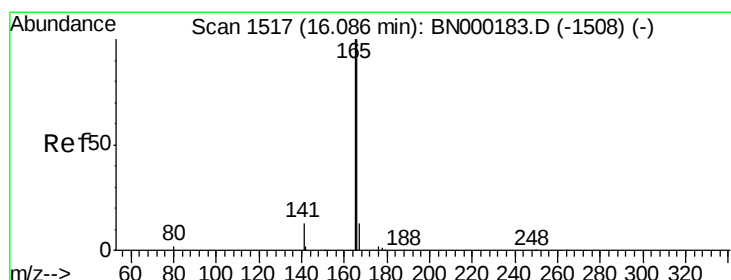
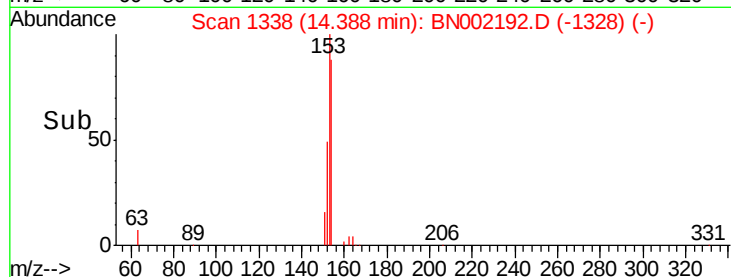
14.39

1000

500

0

Time--> 14.30 14.35 14.40 14.45



#18

Fluorene

Concen: 0.086 ng

RT: 15.38 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

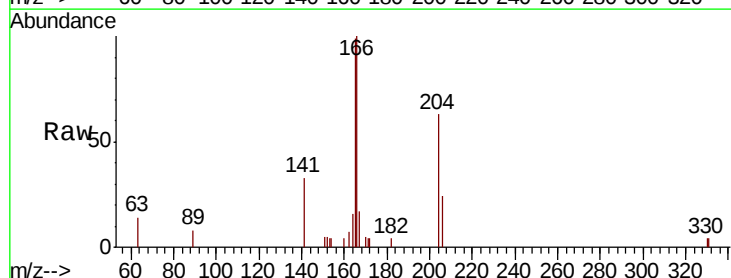
Tgt Ion:166 Resp: 1857

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.6

167 13.9 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

15.38

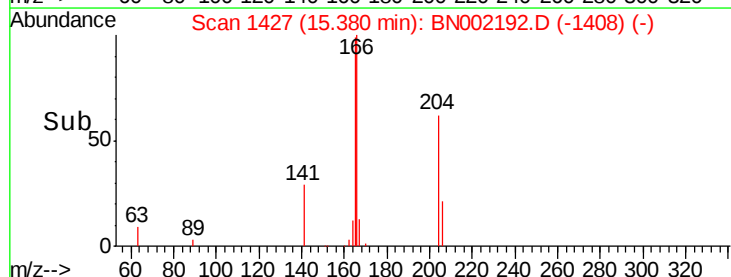
1500

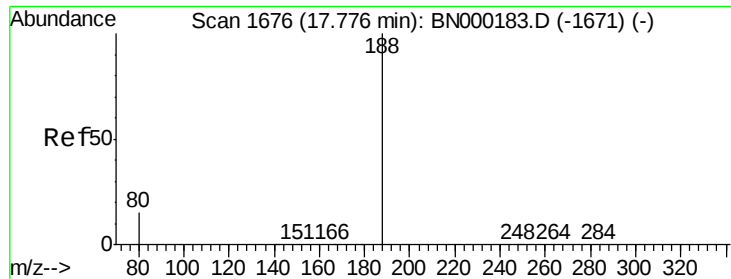
1000

500

0

Time--> 15.30 15.40 15.50





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

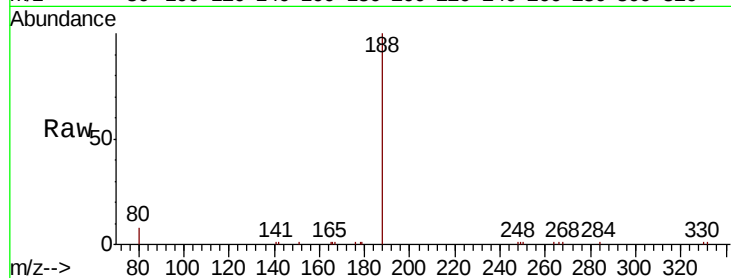
Tot Ion:188 Resp: 12981

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

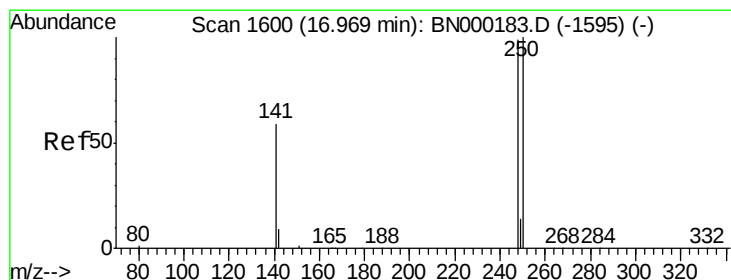
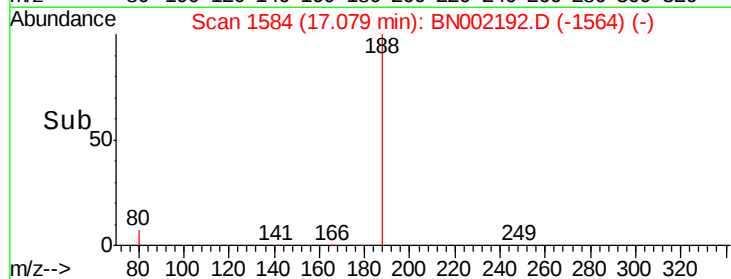
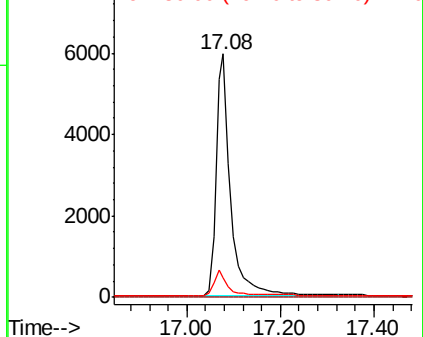
80 8.2 3.6 5.4#



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: 0.086 ng

RT: 16.27 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

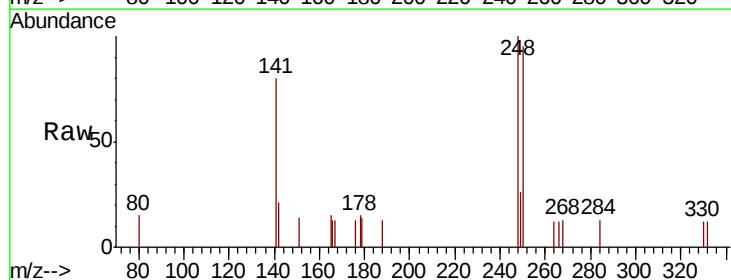
Tgt Ion:248 Resp: 632

Ion Ratio Lower Upper

248 100

250 95.4 62.7 94.1#

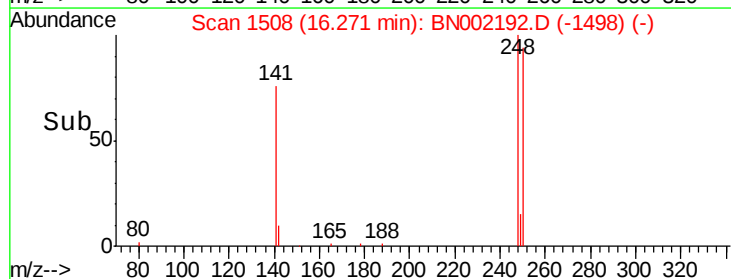
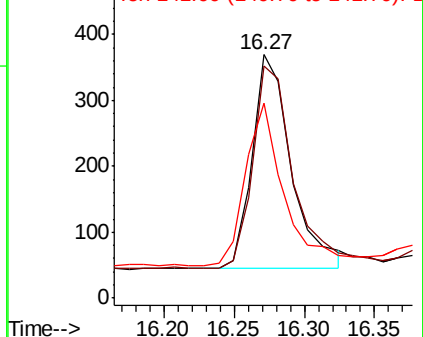
141 80.2 48.2 72.2#

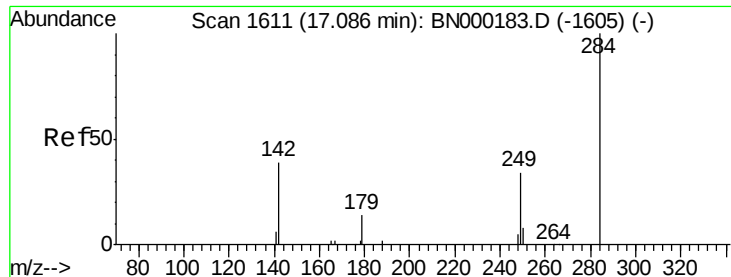


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

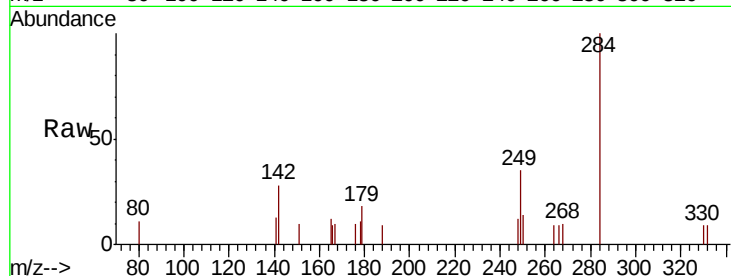




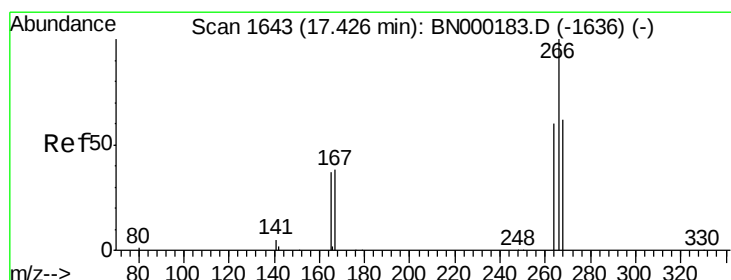
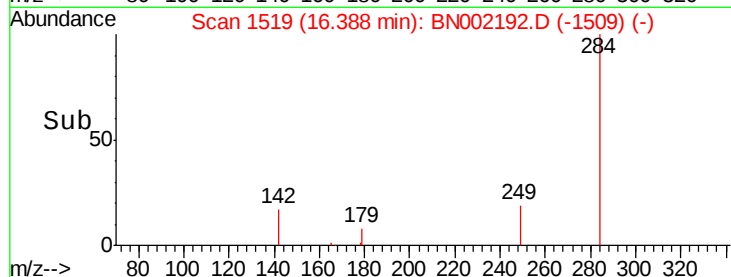
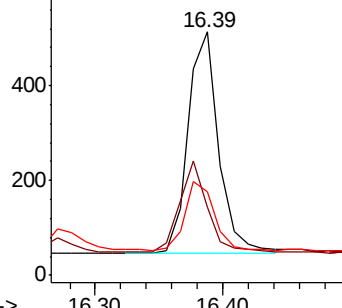
#21
Hexachlorobenzene
Concen: 0.095 ng
RT: 16.39 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 772
Ion Ratio Lower Upper
284 100
142 37.7 32.0 48.0
249 30.4 24.0 36.0

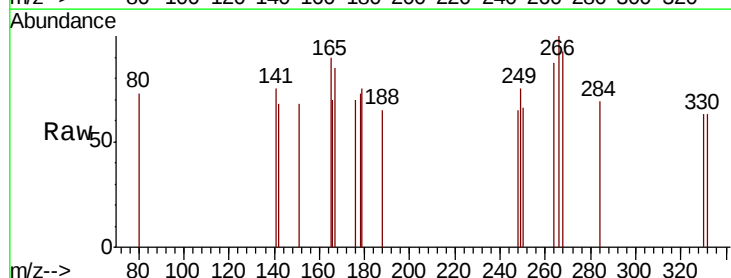


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

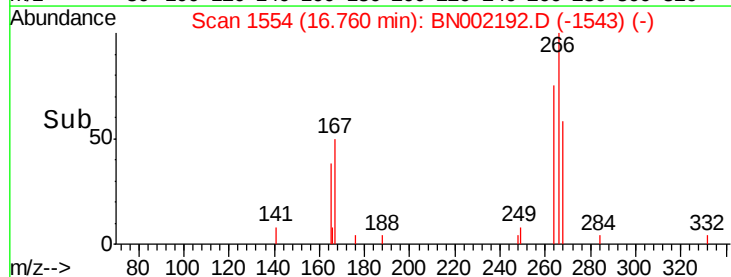
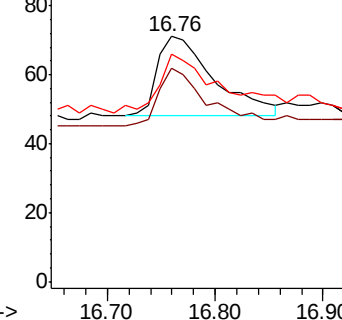


#22
Pentachlorophenol
Concen: 0.135 ng
RT: 16.76 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:266 Resp: 85
Ion Ratio Lower Upper
266 100
264 87.3 48.0 72.0#
268 93.0 52.0 78.0#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.089 ng

RT: 17.11 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

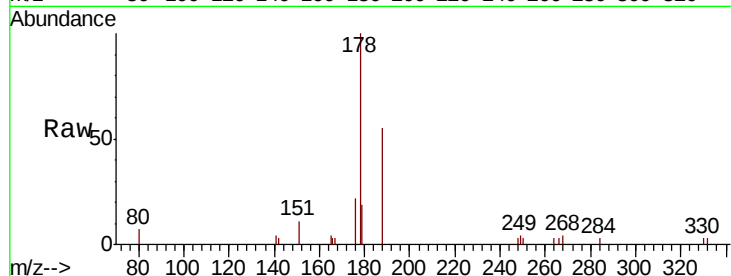
Tot Ion:178 Resp: 2869

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

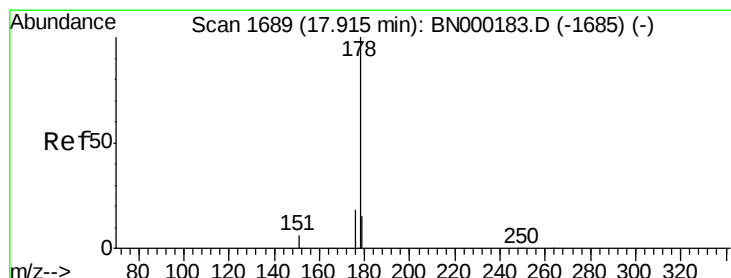
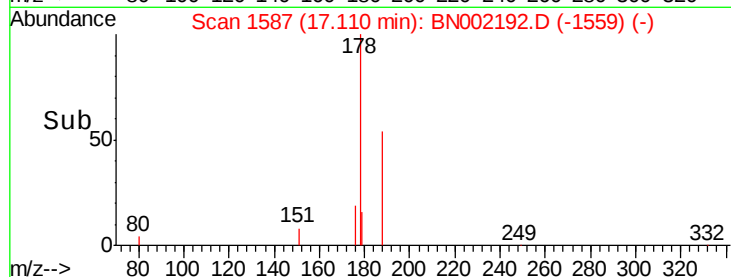
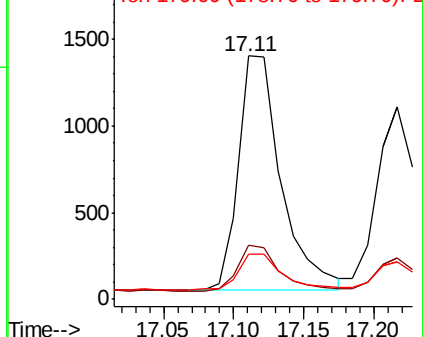
179 17.0 11.8 17.6



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



#24

Anthracene

Concen: 0.076 ng

RT: 17.22 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

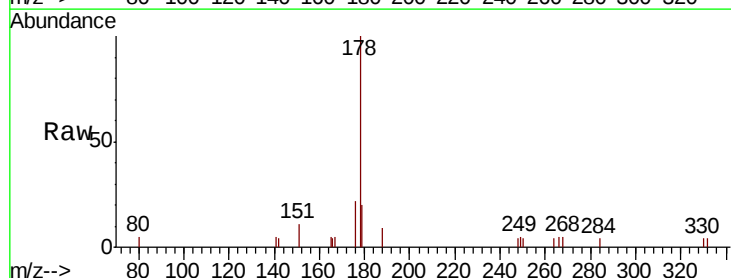
Tgt Ion:178 Resp: 2024

Ion Ratio Lower Upper

178 100

176 17.8 12.8 19.2

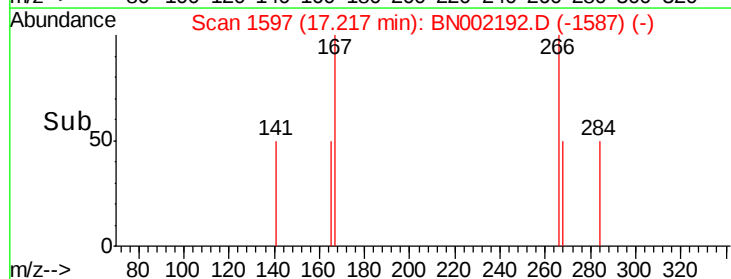
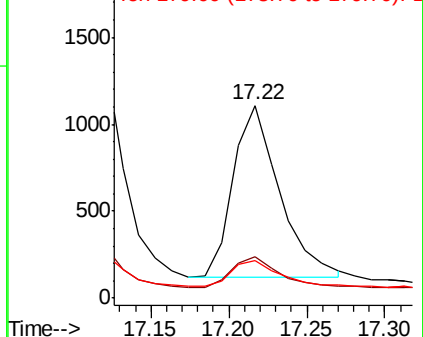
179 14.9 13.0 19.6

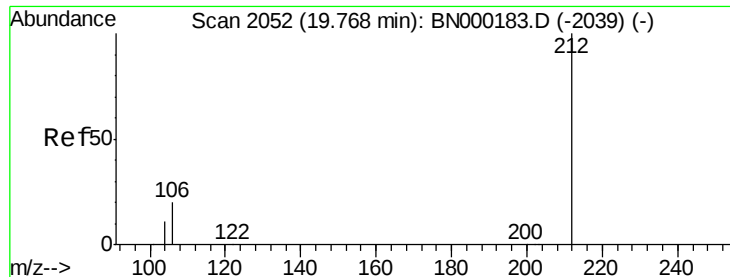


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

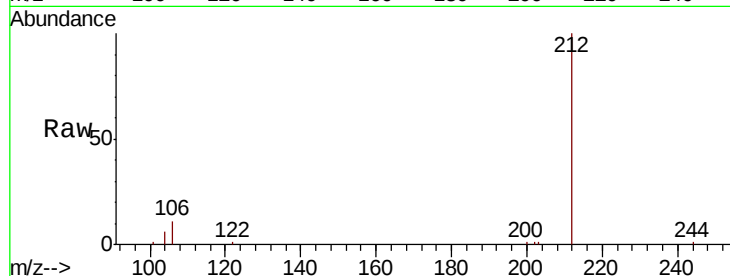
Tot Ion:212 Resp: 12093

Ion Ratio Lower Upper

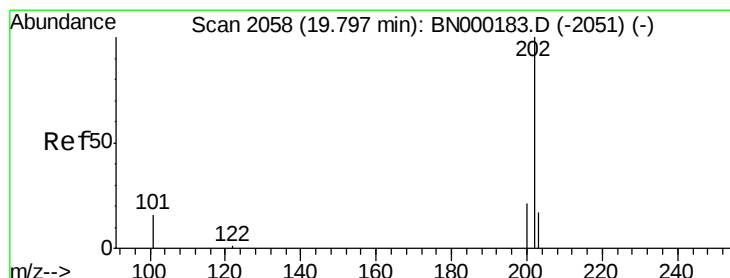
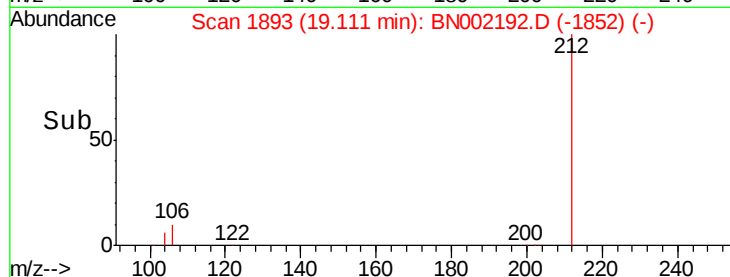
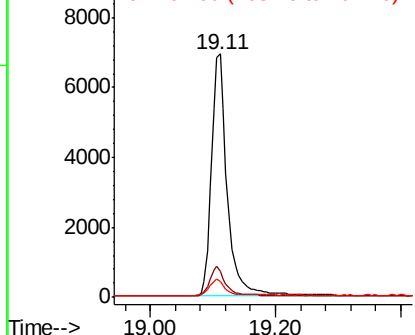
212 100

106 11.4 2.8 4.2#

104 6.3 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: 0.086 ng

RT: 19.14 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

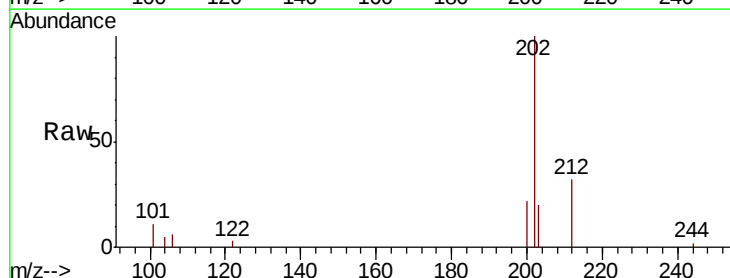
Tgt Ion:202 Resp: 3022

Ion Ratio Lower Upper

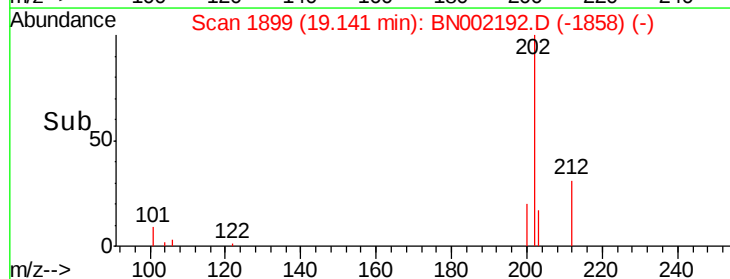
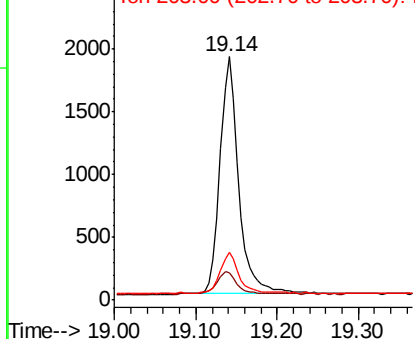
202 100

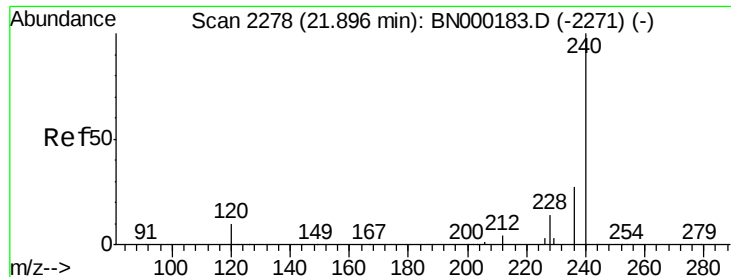
101 10.1 9.8 14.8

203 17.2 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

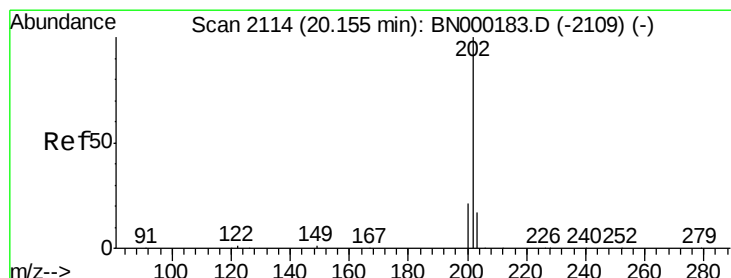
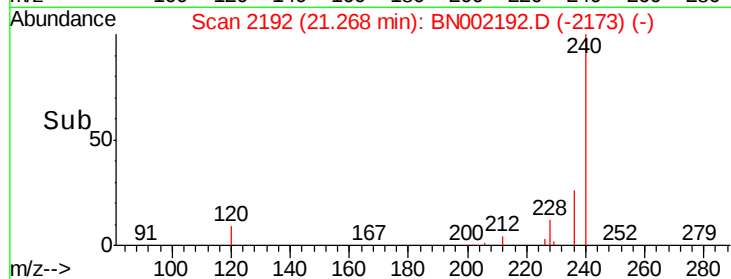
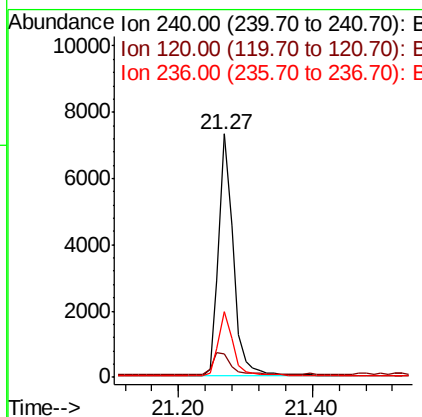
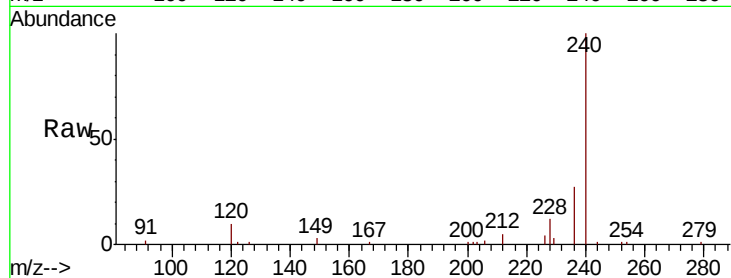




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BN002192.D
 Acq: 30 Jul 2018 19:00

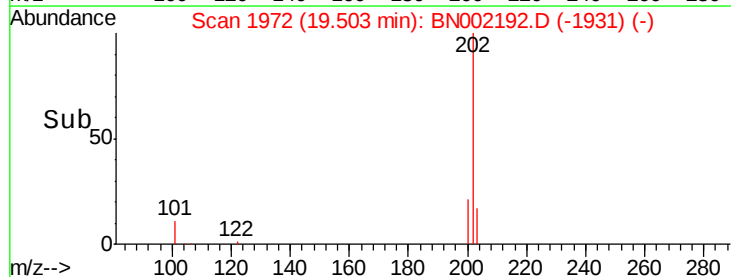
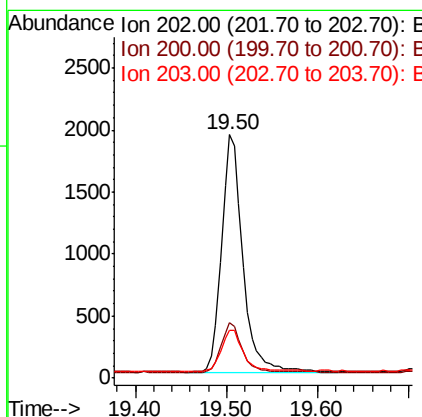
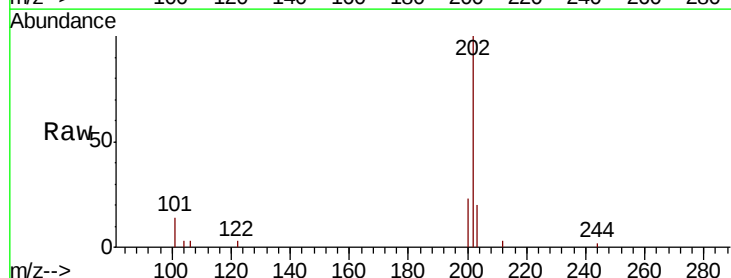
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:240 Resp: 11059
 Ion Ratio Lower Upper
 240 100
 120 9.8 5.5 8.3#
 236 26.7 20.7 31.1



#28
 Pyrene
 Concen: 0.094 ng
 RT: 19.50 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BN002192.D
 Acq: 30 Jul 2018 19:00

Tgt Ion:202 Resp: 3085
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.6 25.0
 203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.348 ng

RT: 19.71 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

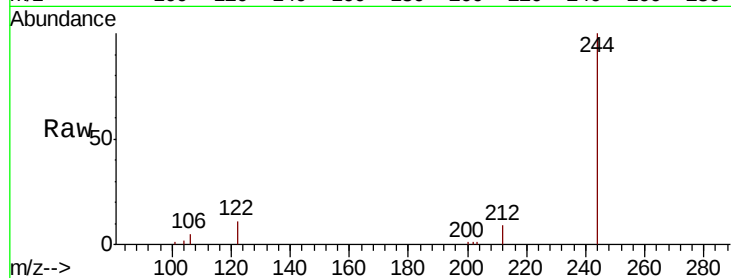
Tot Ion:244 Resp: 8223

Ion Ratio Lower Upper

244 100

212 8.9 25.4 38.0#

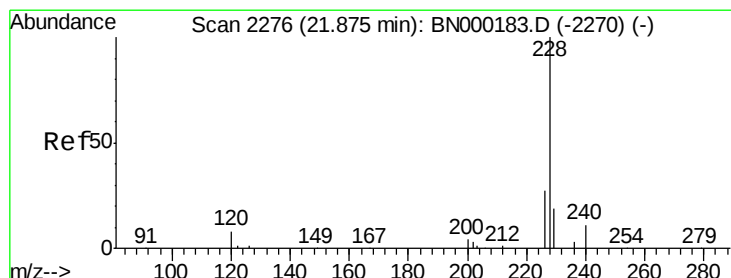
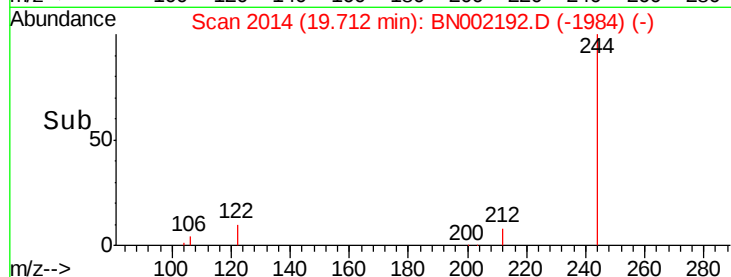
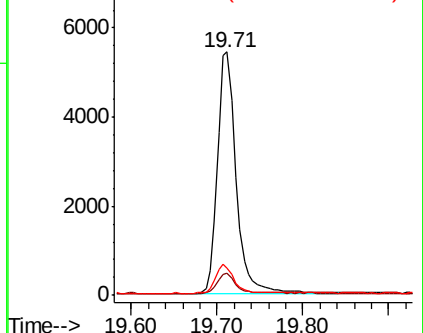
122 11.2 8.1 12.1



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: 0.086 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

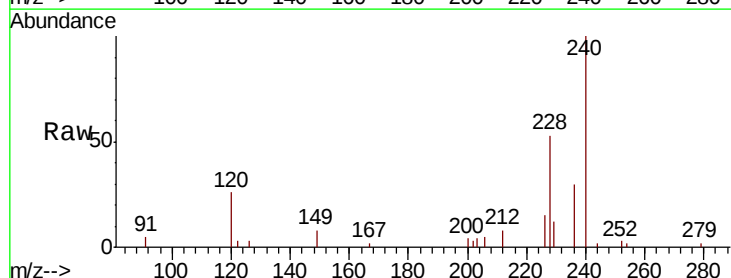
Tgt Ion:228 Resp: 2398

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

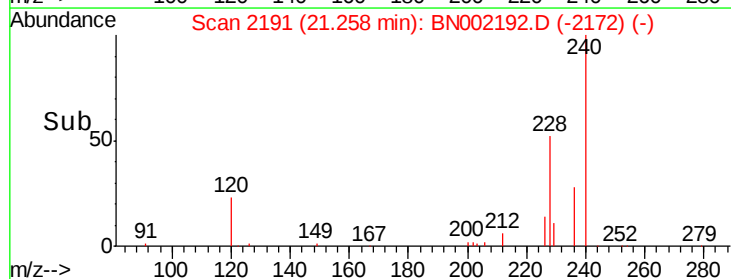
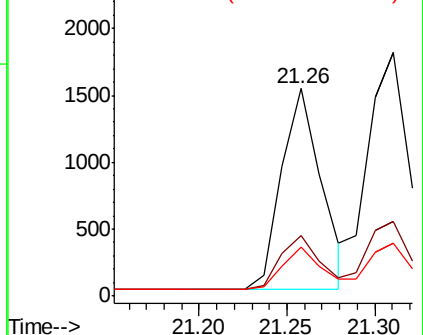
229 23.4 16.0 24.0



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: 0.098 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

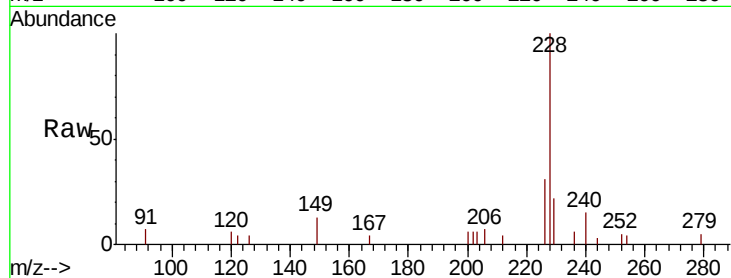
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 3046

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	21.7	16.0	24.0

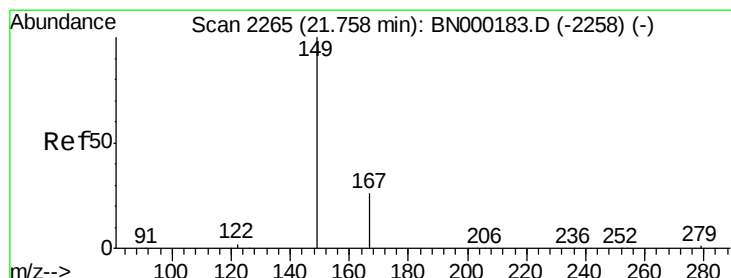
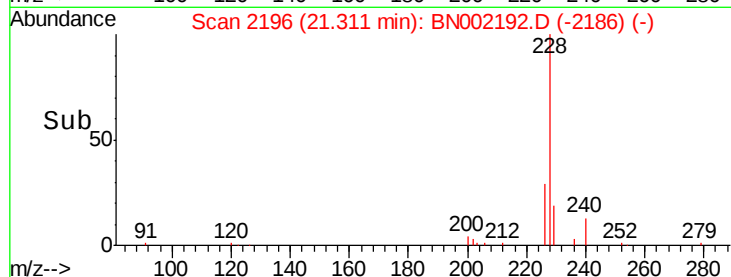
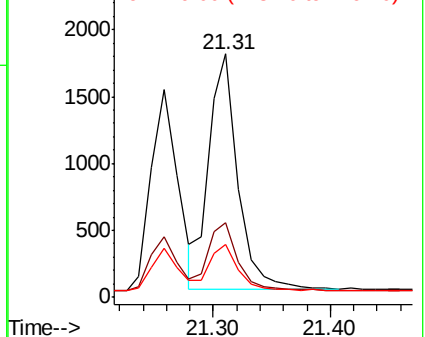


Abundance

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: 0.086 ng

RT: 21.18 min Scan# 2184

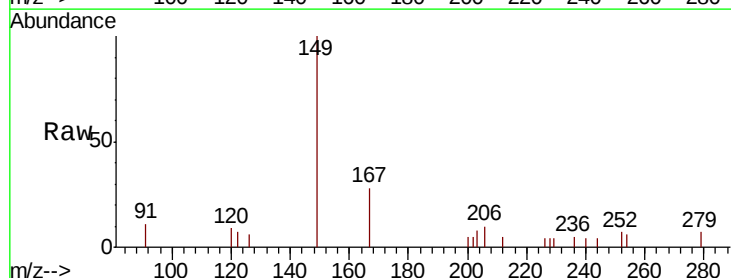
Delta R.T. -0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Tgt Ion:149 Resp: 1100

Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.0	30.0
279	5.2	1.6	2.4#

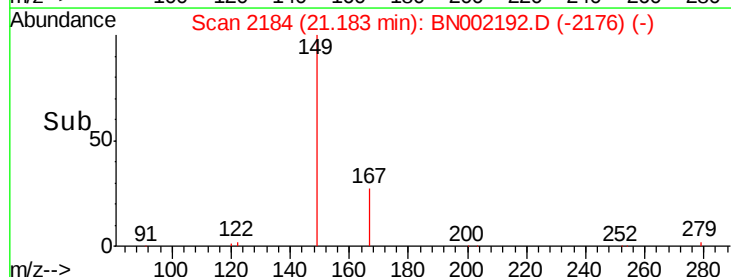
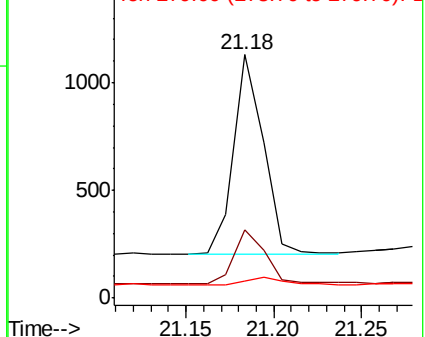


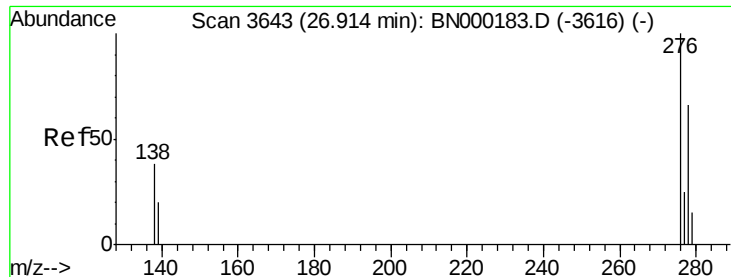
Abundance

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: 0.106 ng

RT: 25.74 min Scan# 3273

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

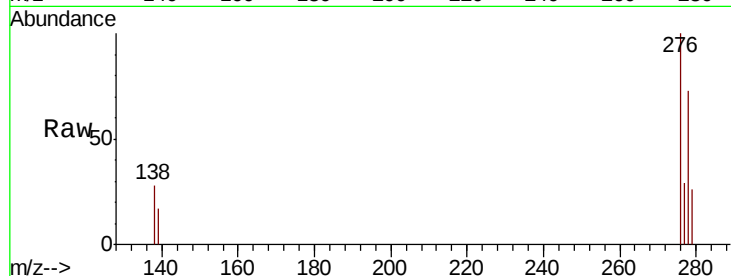
Tot Ion:276 Resp: 3118

Ion Ratio Lower Upper

276 100

138 20.9 22.5 33.7#

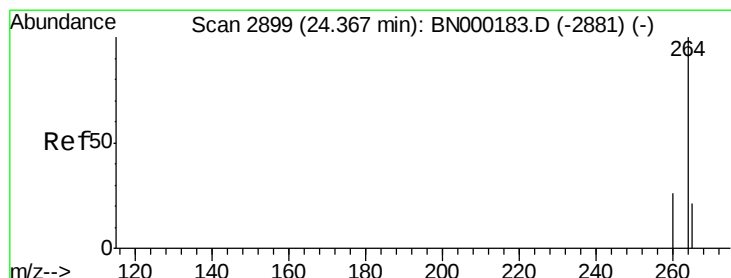
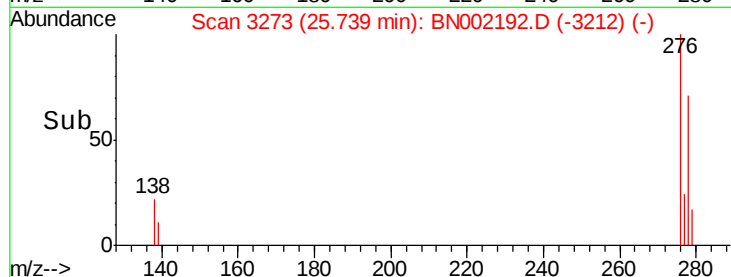
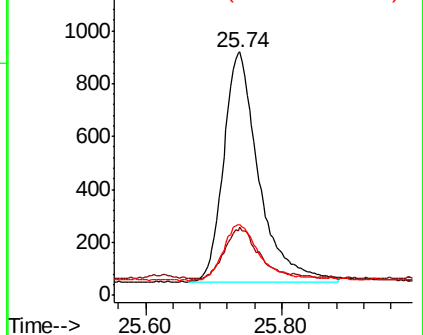
277 24.9 19.9 29.9



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: 23.50 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

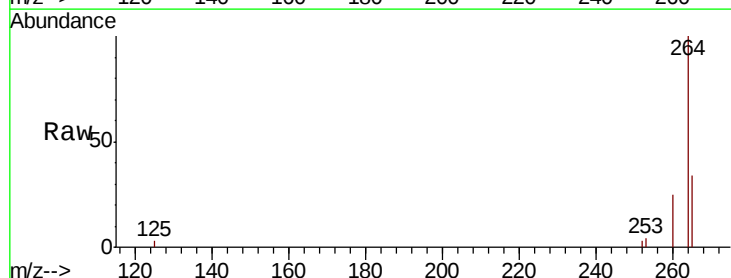
Tgt Ion:264 Resp: 10547

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

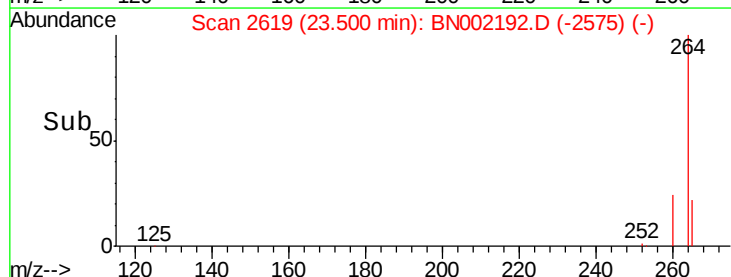
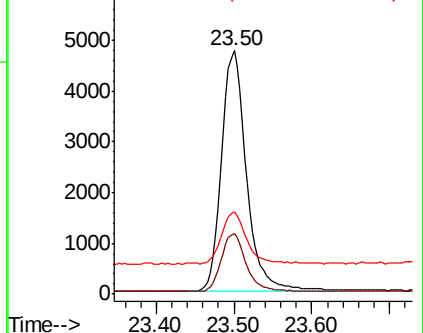
265 33.8 22.8 34.2

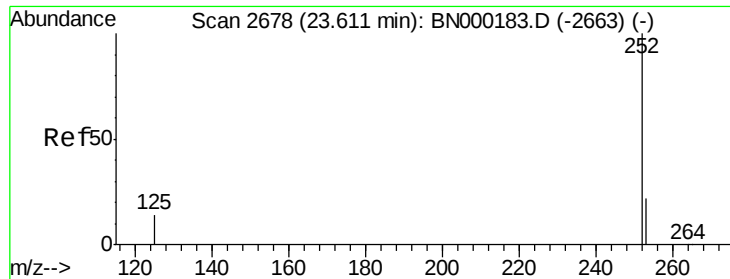


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.089 ng

RT: 22.84 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

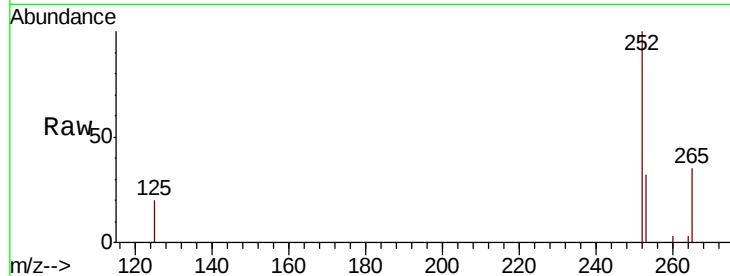
Tot Ion:252 Resp: 2772

Ion Ratio Lower Upper

252 100

253 31.7 20.0 30.0#

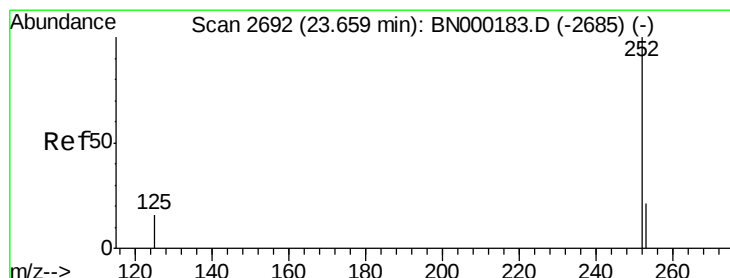
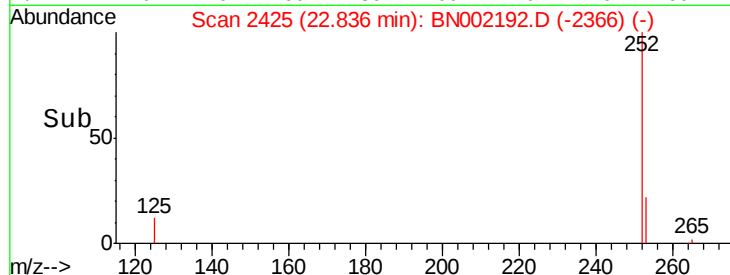
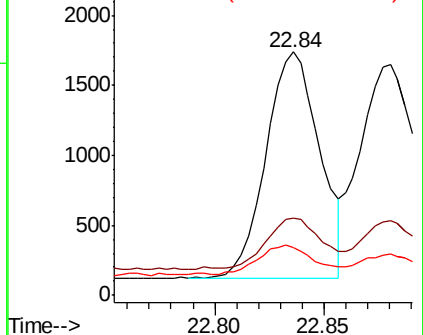
125 19.6 16.0 24.0



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: 0.095 ng

RT: 22.88 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

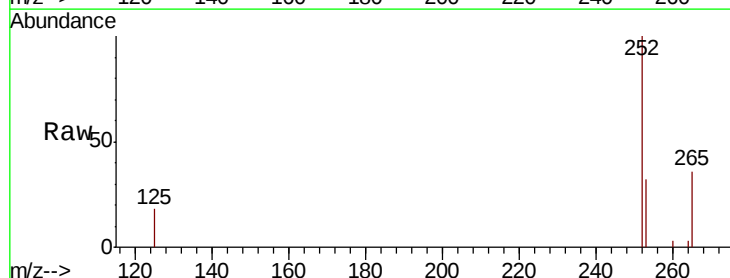
Tgt Ion:252 Resp: 3048

Ion Ratio Lower Upper

252 100

253 32.1 16.0 24.0#

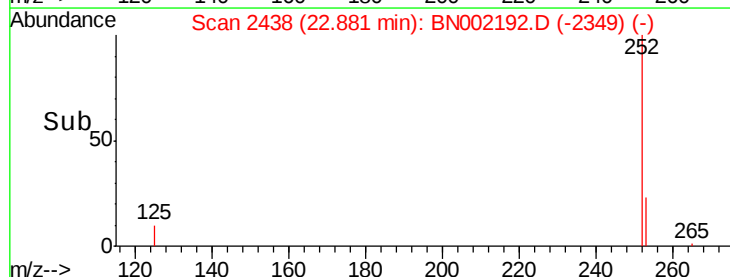
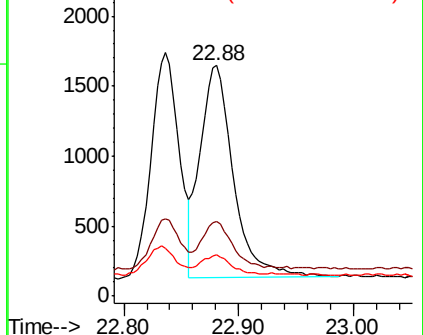
125 18.1 8.0 12.0#



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: 0.093 ng

RT: 23.41 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :

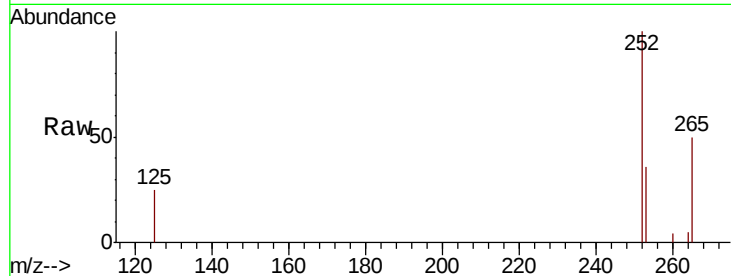
Tot Ion:252 Resp: 2602

Ion Ratio Lower Upper

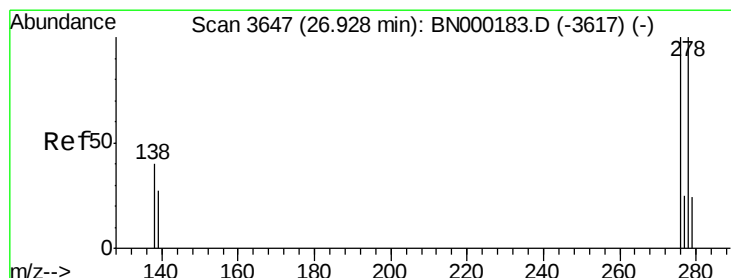
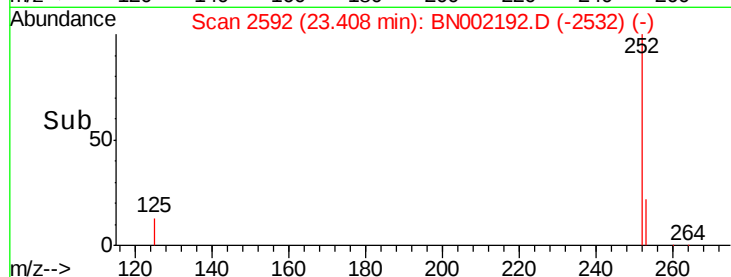
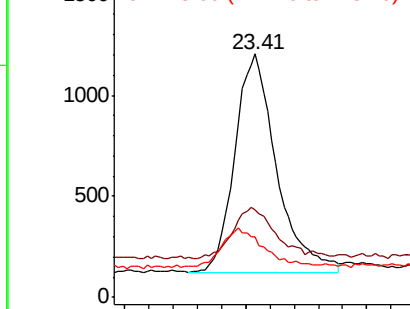
252 100

253 36.2 16.0 24.0#

125 24.9 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: 0.093 ng

RT: 25.75 min Scan# 3275

Delta R.T. 0.00 min

Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

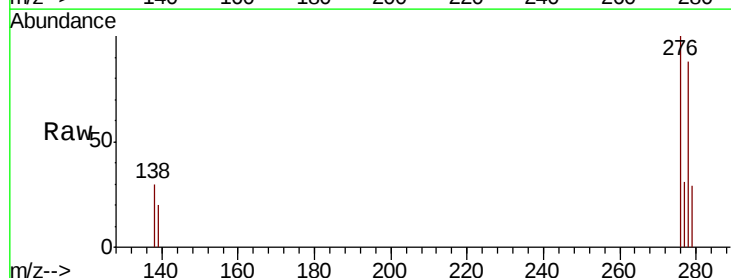
Tgt Ion:278 Resp: 2544

Ion Ratio Lower Upper

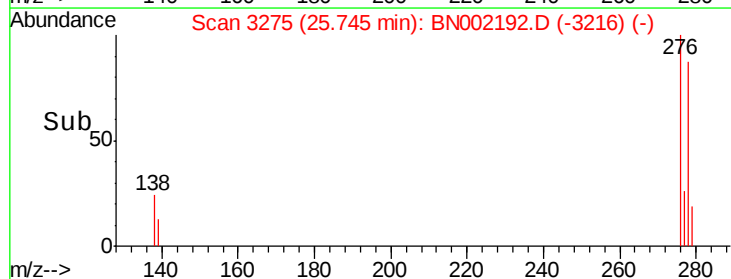
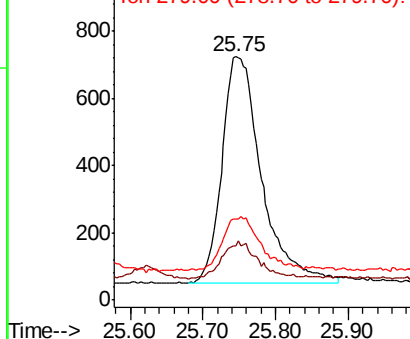
278 100

139 22.3 16.0 24.0

279 33.4 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: 0.097 ng

RT: 26.41 min Scan# 3470

Delta R.T. 0.01 min

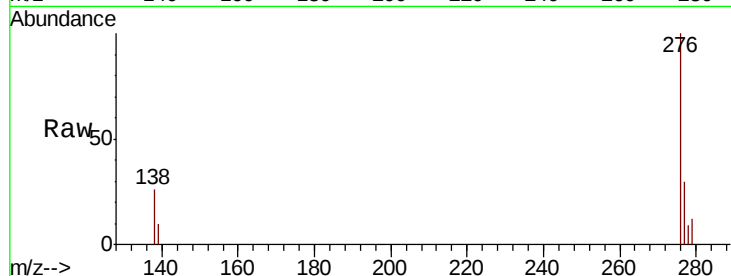
Lab File: BN002192.D

Acq: 30 Jul 2018 19:00

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	2703
Ion	Ratio	Lower	Upper
276	100		
277	29.7	16.0	24.0
138	26.0	20.0	30.0

