

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002187.D
 Acq On : 30 Jul 2018 15:43
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jul 30 16:12:49 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 15:13:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3045	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	12093	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	6265	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	12790	0.40	ng	0.00
27) Chrysene-d12	21.27	240	10636	0.40	ng	0.00
34) Perylene-d12	23.50	264	10217	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1269	0.17	ng	0.00
5) Phenol-d6	6.89	99	1407	0.16	ng	0.00
8) Nitrobenzene-d5	8.86	82	1602	0.17	ng	0.01
11) 2-Methylnaphthalene-d10	12.07	152	3481	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	398	0.14	ng	0.01
15) 2-Fluorobiphenyl	12.95	172	4703	0.19	ng	0.01
25) Fluoranthene-d10	19.11	212	5824	0.18	ng	0.00
29) Terphenyl-d14	19.71	244	4240	0.18	ng	0.00

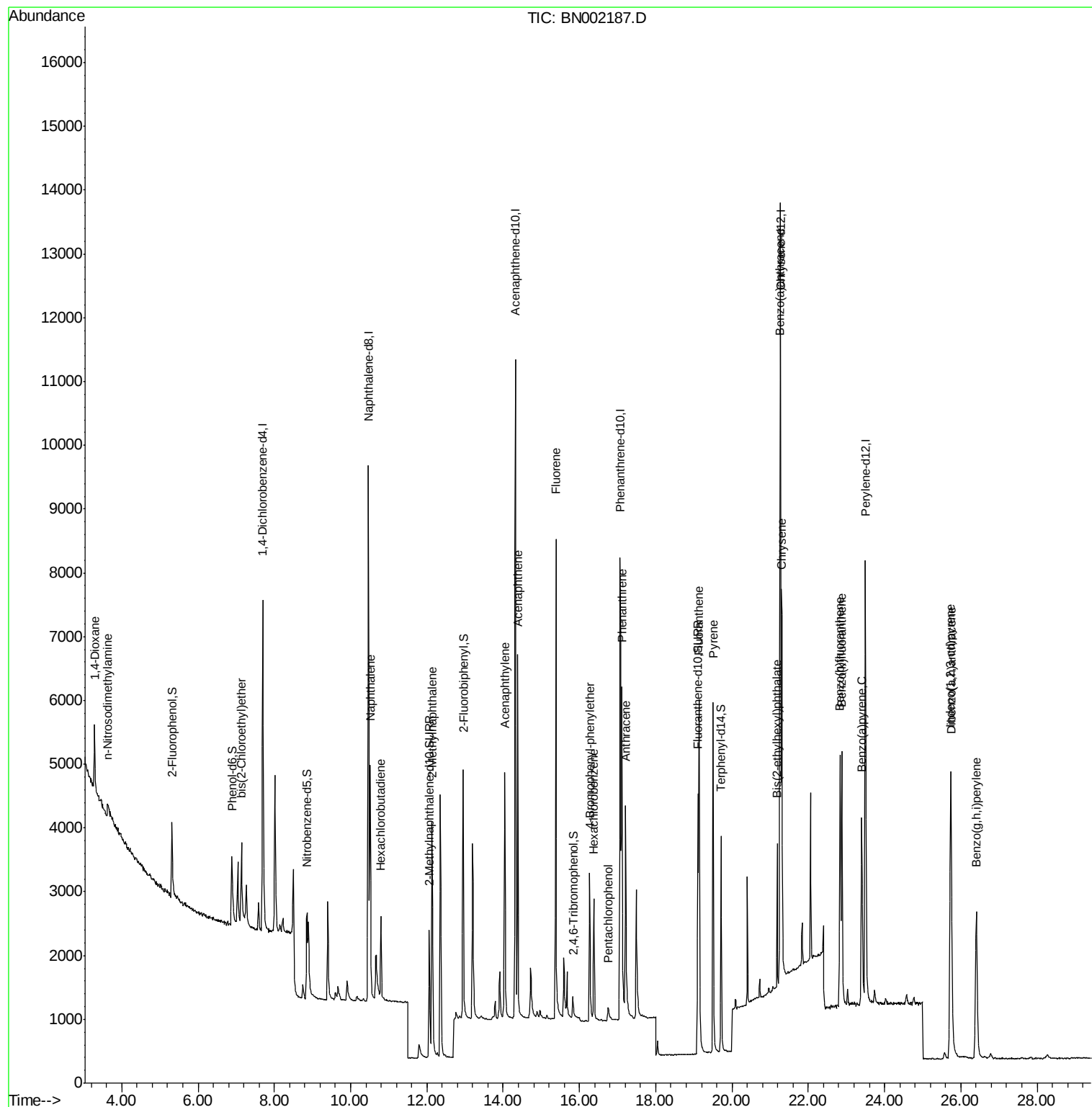
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	678	0.197	ng	95
3) n-Nitrosodimethylamine	3.63	42	352	0.146	ng	82
6) bis(2-Chloroethyl)ether	7.14	93	1367	0.159	ng	86
9) Naphthalene	10.52	128	5218	0.190	ng	# 93
10) Hexachlorobutadiene	10.80	225	1166	0.197	ng	# 56
12) 2-Methylnaphthalene	12.14	142	3354	0.179	ng	98
16) Acenaphthylene	14.04	152	4799	0.176	ng	99
17) Acenaphthene	14.39	154	3278	0.189	ng	97
18) Fluorene	15.38	166	3855	0.179	ng	# 80
20) 4-Bromophenyl-phenylether	16.27	248	1319	0.179	ng	# 89
21) Hexachlorobenzene	16.38	284	1570	0.195	ng	95
22) Pentachlorophenol	16.75	266	200	0.114	ng	# 78
23) Phenanthrene	17.11	178	5820	0.180	ng	99
24) Anthracene	17.21	178	4281	0.157	ng	96
26) Fluoranthene	19.14	202	5923	0.166	ng	# 97
28) Pyrene	19.50	202	6066	0.191	ng	100
30) Benzo(a)anthracene	21.26	228	4797	0.176	ng	96
31) Chrysene	21.31	228	5951	0.198	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	2133	0.170	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.73	276	6121	0.221	ng	95
35) Benzo(b)fluoranthene	22.83	252	5463	0.179	ng	# 92
36) Benzo(k)fluoranthene	22.88	252	5650	0.178	ng	# 88
37) Benzo(a)pyrene	23.40	252	5041	0.182	ng	# 86
38) Dibenzo(a,h)anthracene	25.75	278	5168	0.194	ng	93
39) Benzo(g,h,i)perylene	26.41	276	5420	0.200	ng	# 91

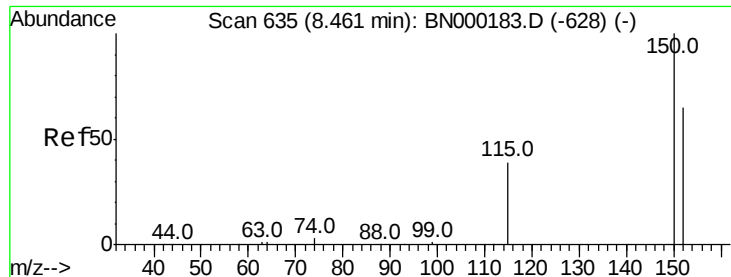
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

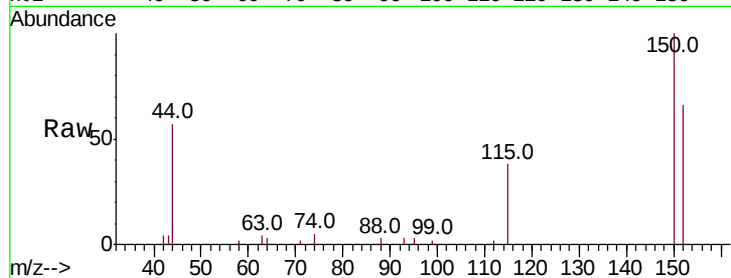
Tot Ion:152 Resp: 3045

Ion Ratio Lower Upper

152 100

150 151.9 117.2 175.8

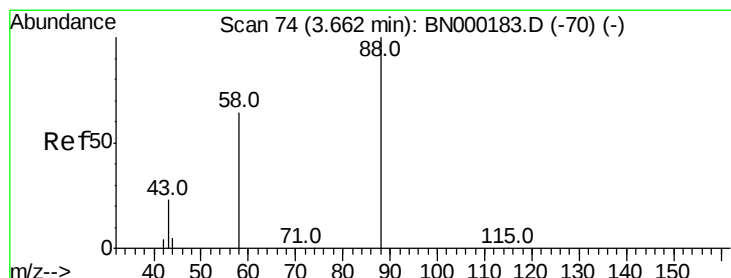
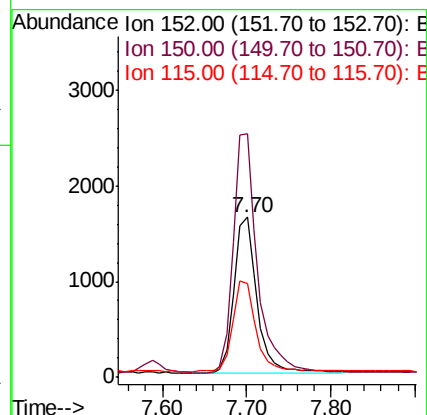
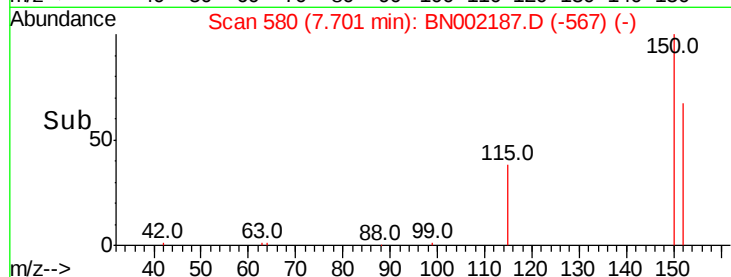
115 58.3 57.0 85.6



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: 0.197 ng

RT: 3.29 min Scan# 32

Delta R.T. -0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

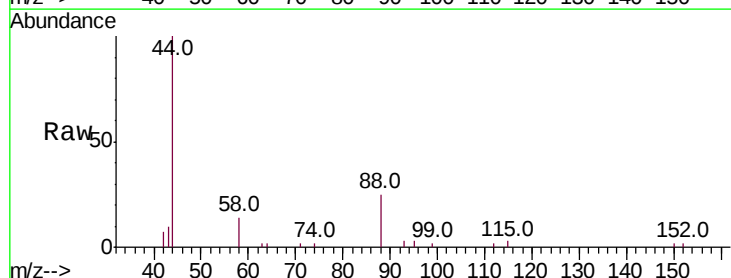
Tgt Ion: 88 Resp: 678

Ion Ratio Lower Upper

88 100

58 83.3 72.0 108.0

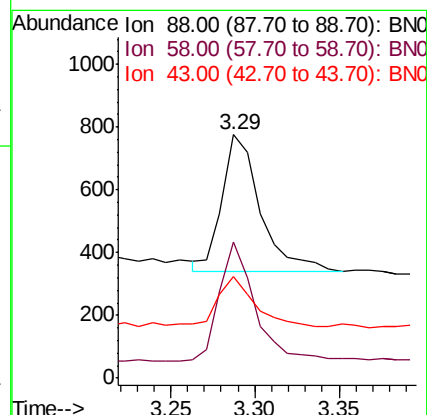
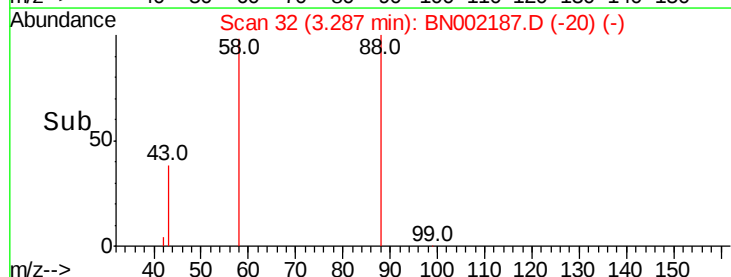
43 35.7 28.0 42.0

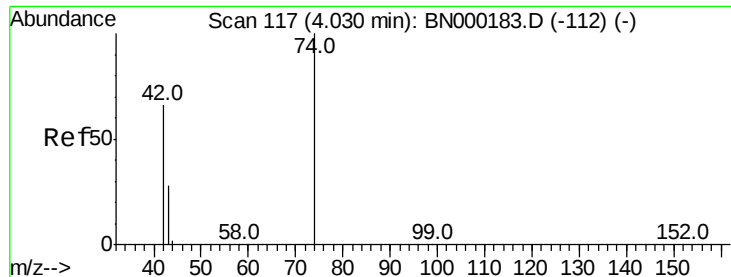


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.146 ng

RT: 3.63 min Scan# 74

Delta R.T. 0.02 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

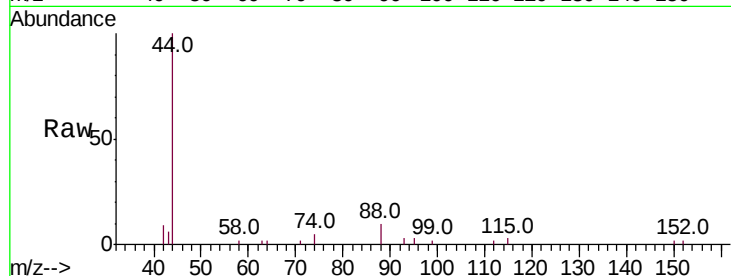
Tot Ion: 42 Resp: 352

Ion Ratio Lower Upper

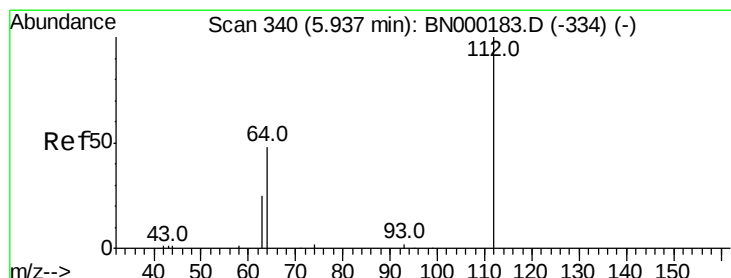
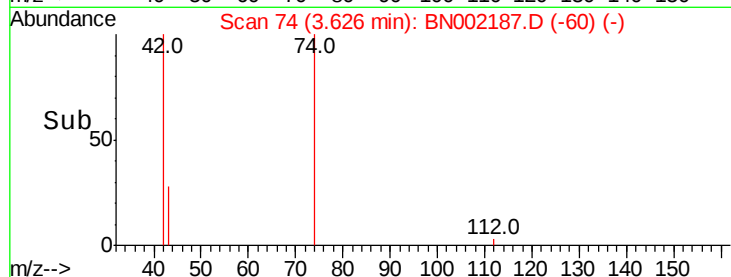
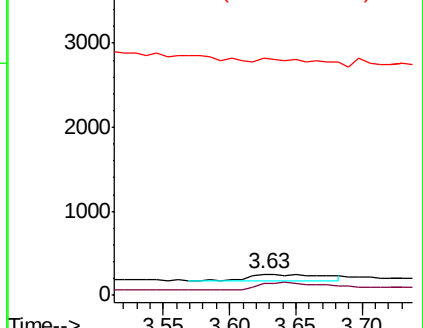
42 100

74 88.6 88.0 132.0

44 21.3 16.0 24.0



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.175 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

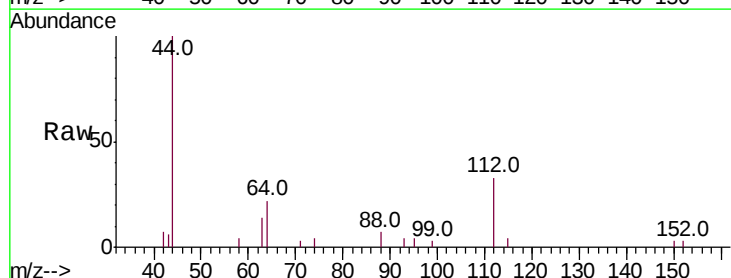
Tgt Ion: 112 Resp: 1269

Ion Ratio Lower Upper

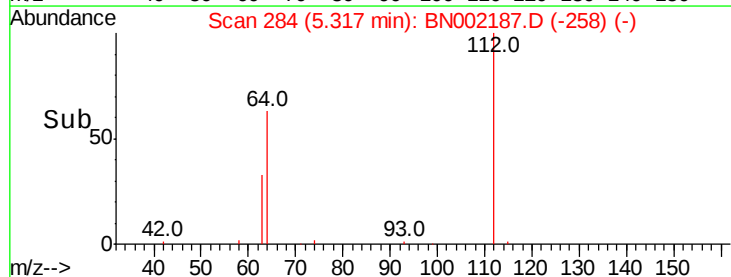
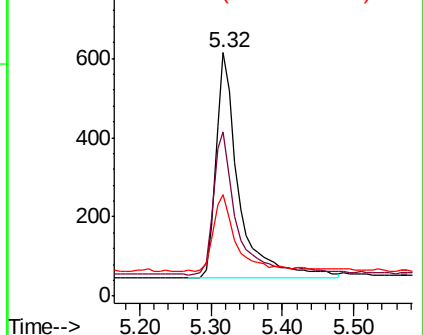
112 100

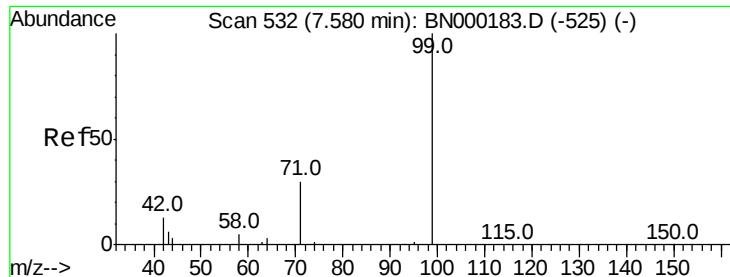
64 62.0 60.1 90.1

63 33.6 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.157 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

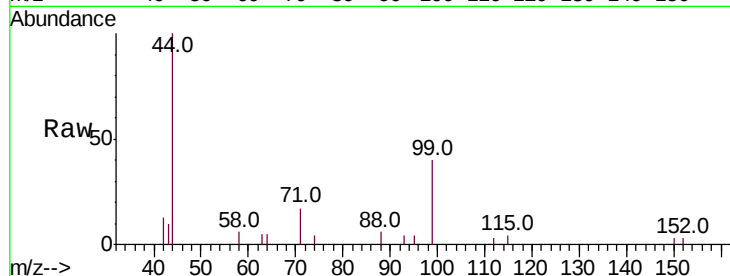
Tot Ion: 99 Resp: 1407

Ion Ratio Lower Upper

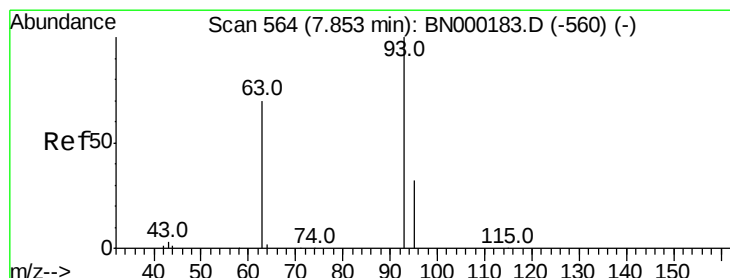
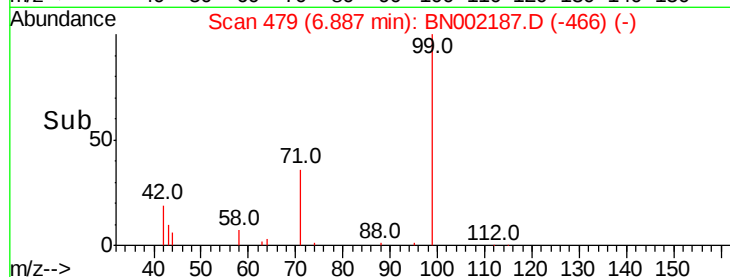
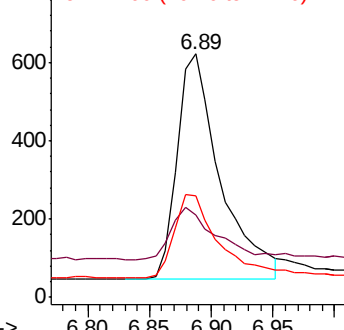
99 100

42 24.7 20.2 30.2

71 37.2 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: 0.159 ng

RT: 7.14 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

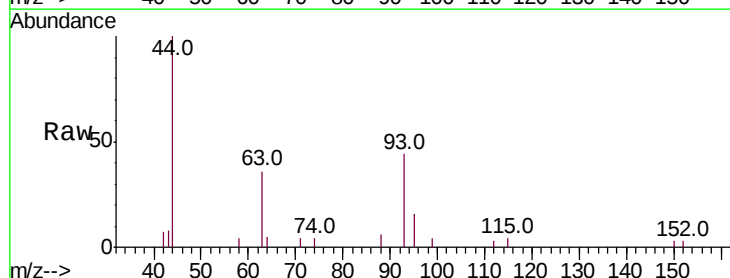
Tgt Ion: 93 Resp: 1367

Ion Ratio Lower Upper

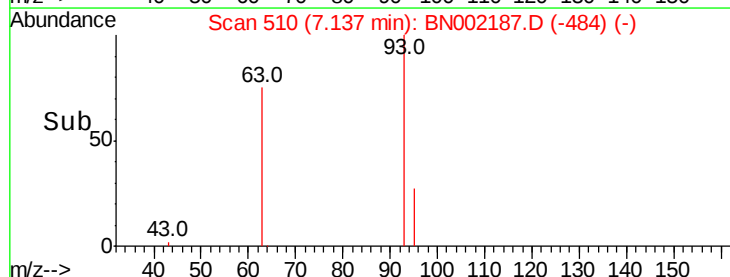
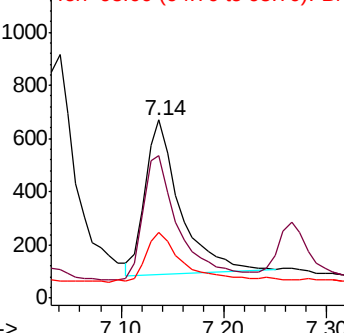
93 100

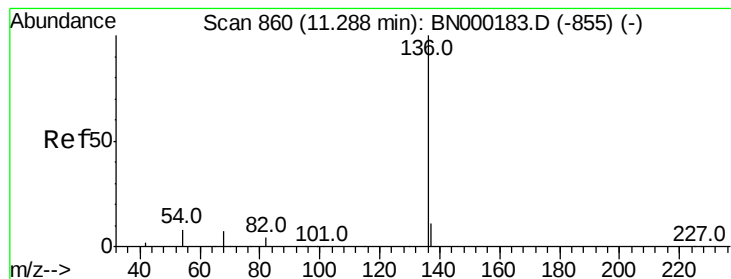
63 83.0 56.0 84.0

95 37.2 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: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 12093

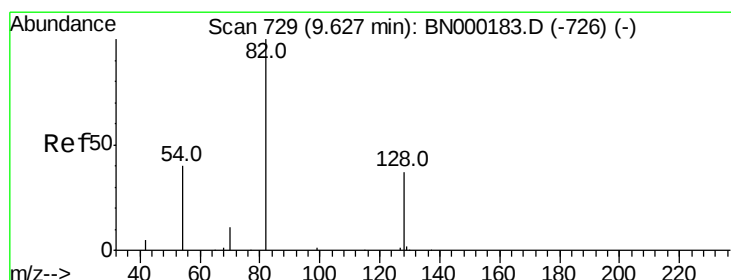
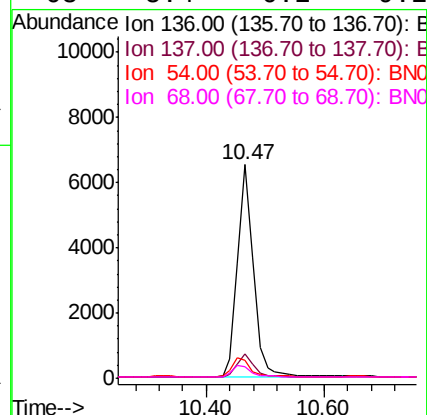
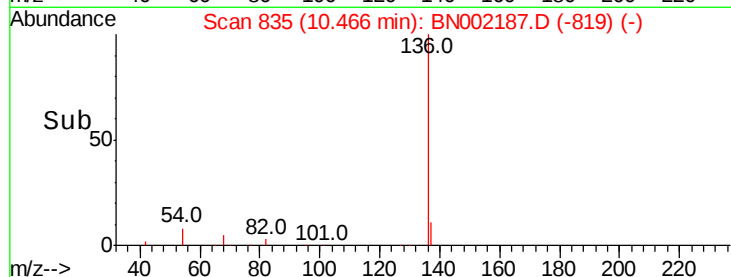
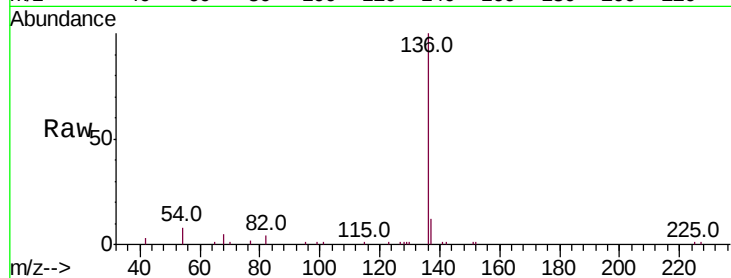
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 8.4 29.1 43.7#

68 5.4 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.172 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

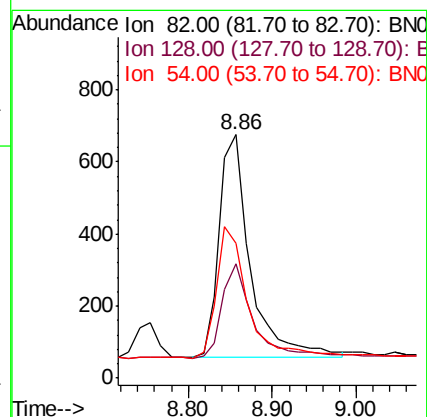
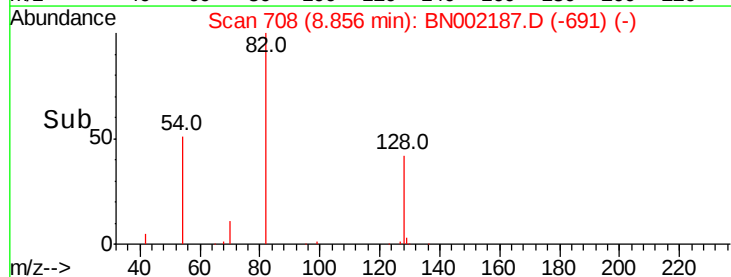
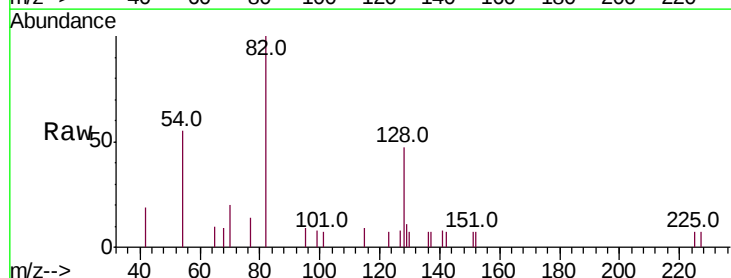
Tgt Ion: 82 Resp: 1602

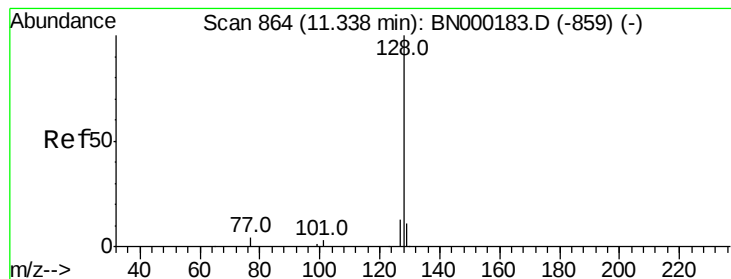
Ion Ratio Lower Upper

82 100

128 47.0 150.0 225.0#

54 55.3 154.2 231.4#





#9

Naphthalene

Concen: 0.190 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

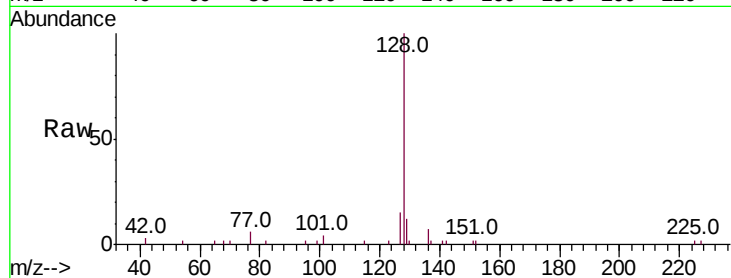
Tot Ion:128 Resp: 5218

Ion Ratio Lower Upper

128 100

129 12.4 8.0 12.0#

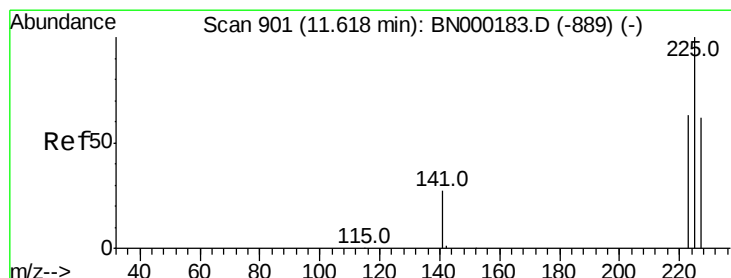
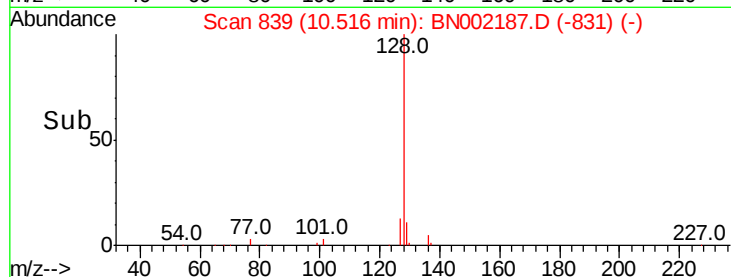
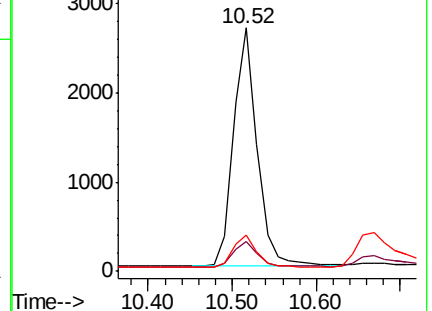
127 14.8 9.6 14.4#



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: 0.197 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

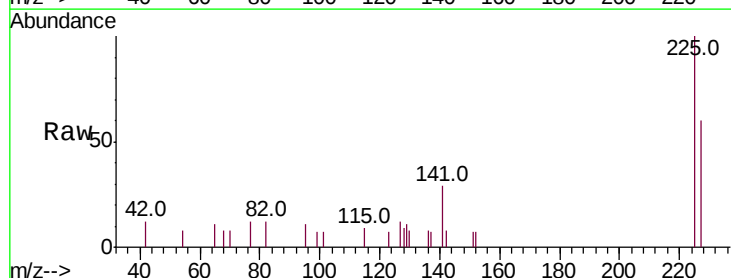
Tgt Ion:225 Resp: 1166

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

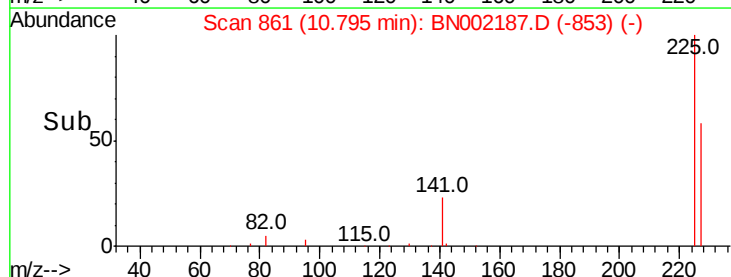
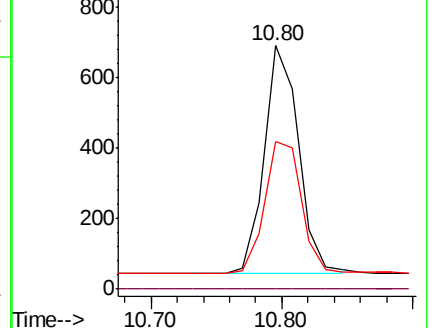
227 62.4 48.0 72.0

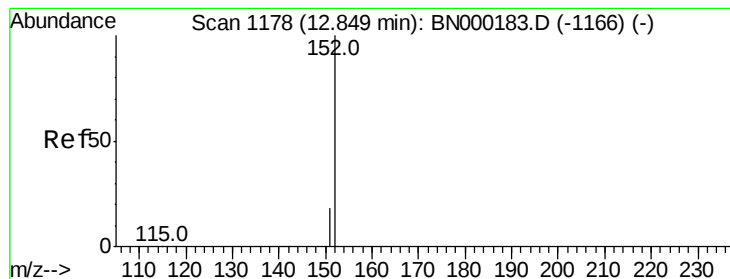


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

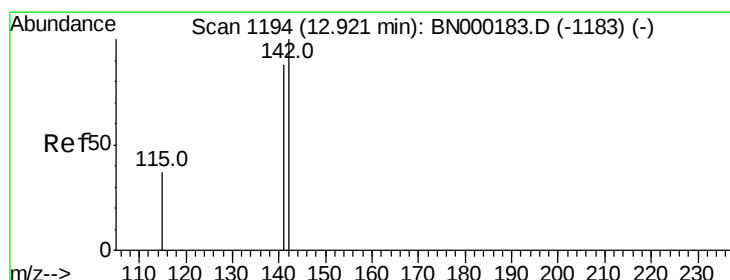
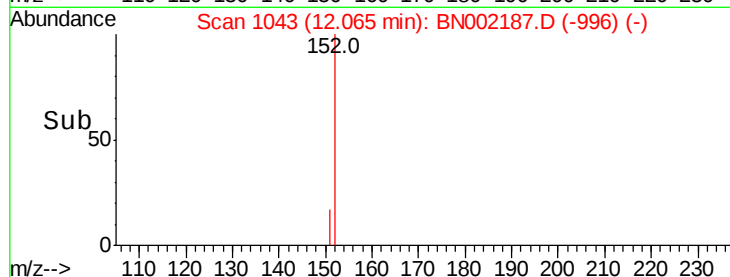
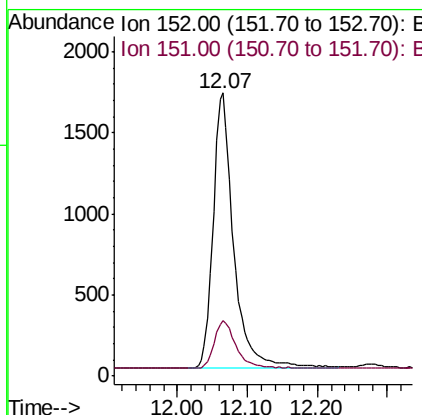
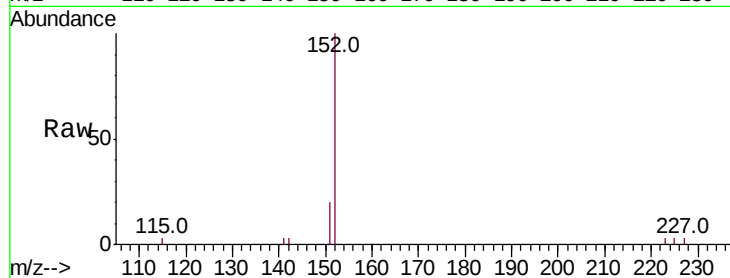




#11
 2-Methylnaphthalene-d10
 Concen: 0.195 ng
 RT: 12.07 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BN002187.D
 Acq: 30 Jul 2018 15:43

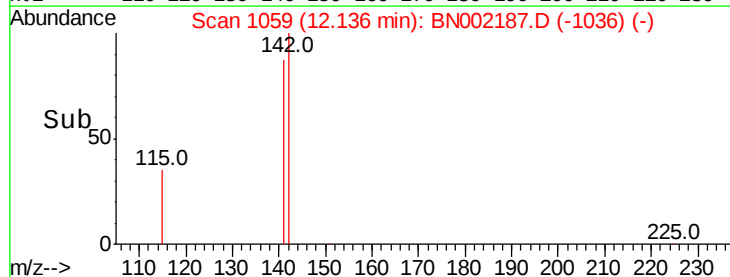
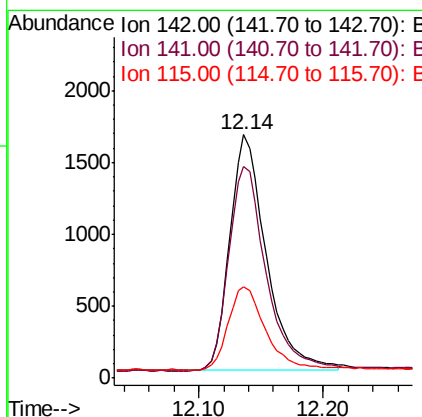
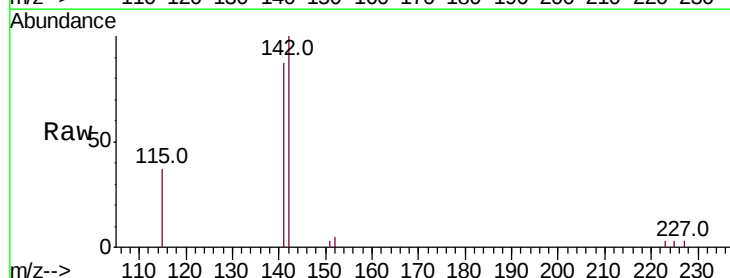
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

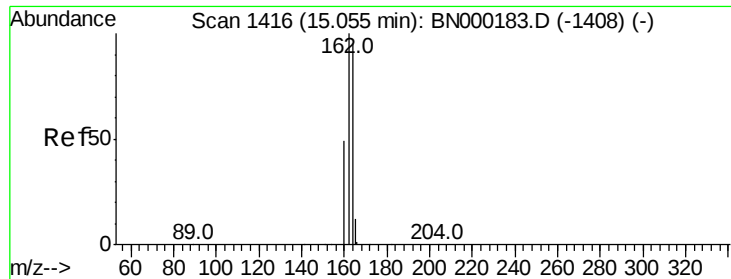
Tot Ion:152 Resp: 3481
 Ion Ratio Lower Upper
 152 100
 151 18.4 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.179 ng
 RT: 12.14 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BN002187.D
 Acq: 30 Jul 2018 15:43

Tgt Ion:142 Resp: 3354
 Ion Ratio Lower Upper
 142 100
 141 86.9 70.4 105.6
 115 37.4 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: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

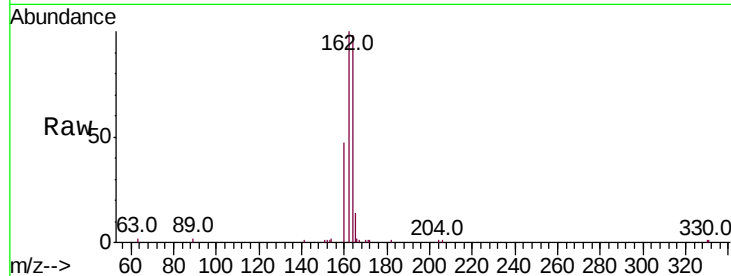
Tot Ion:164 Resp: 6265

Ion Ratio Lower Upper

164 100

162 102.5 83.1 124.7

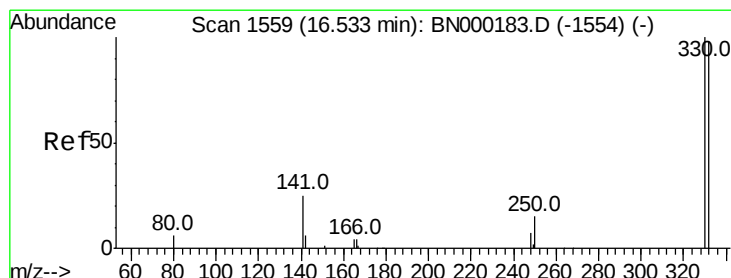
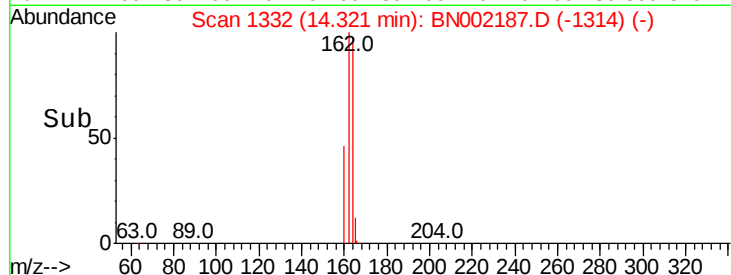
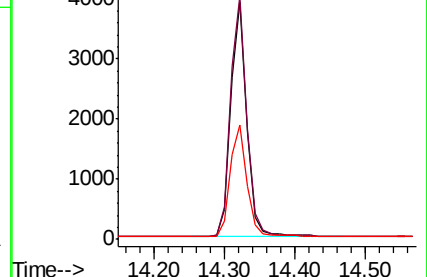
160 48.0 37.1 55.7



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: 0.141 ng

RT: 15.84 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

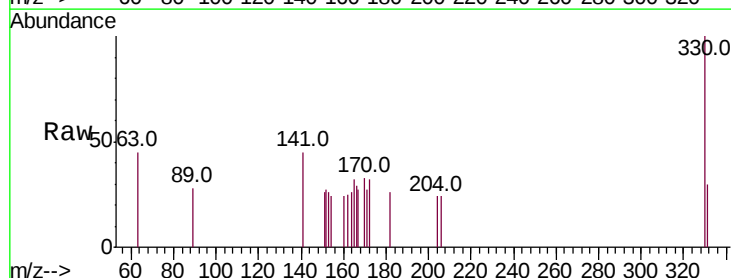
Tgt Ion:330 Resp: 398

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

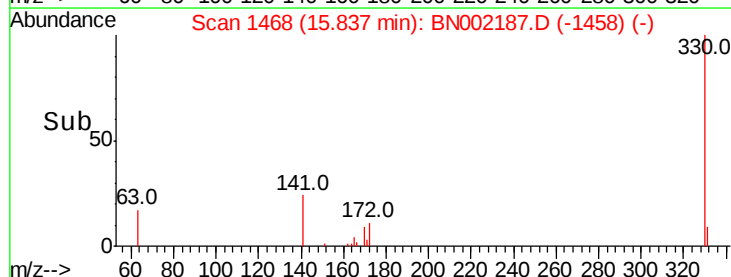
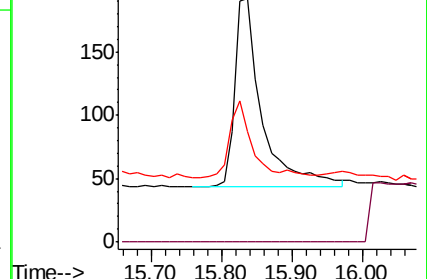
141 32.2 33.7 50.5#

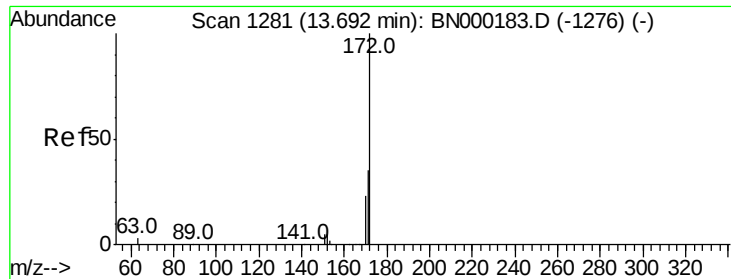


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

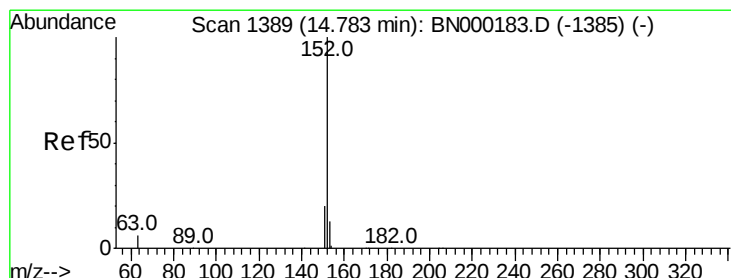
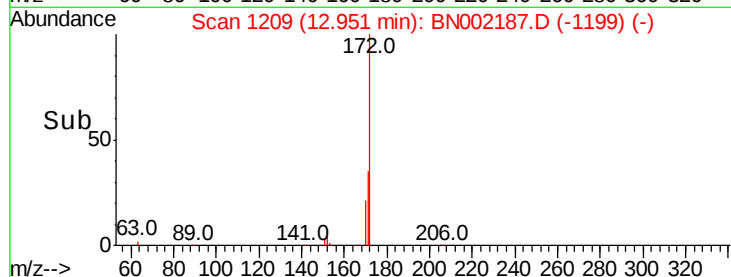
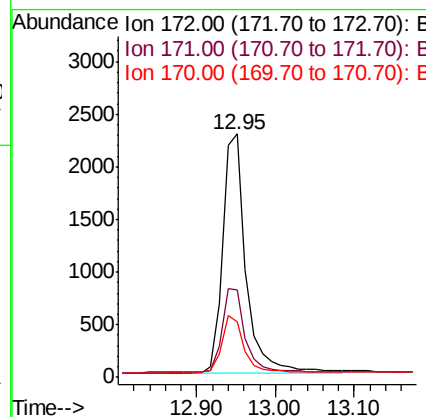
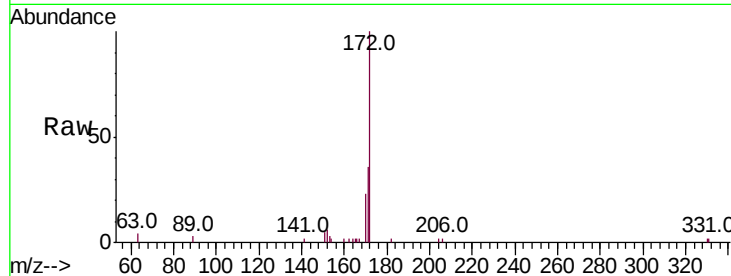




#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 12.95 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

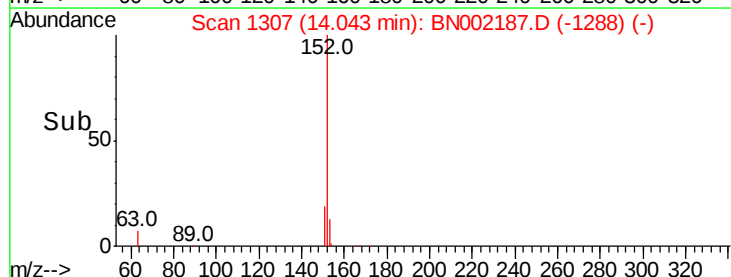
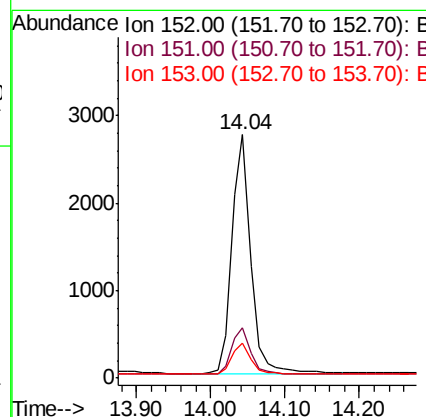
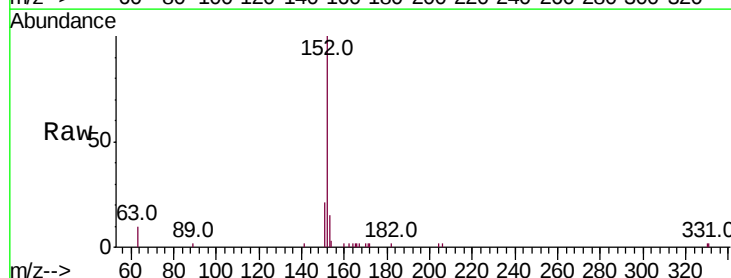
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

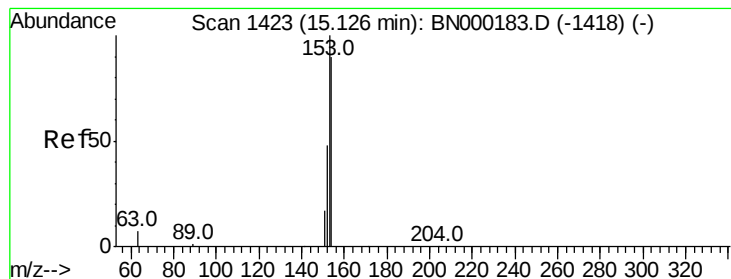
Tot Ion:172 Resp: 4703
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 22.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.176 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:152 Resp: 4799
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.189 ng

RT: 14.39 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

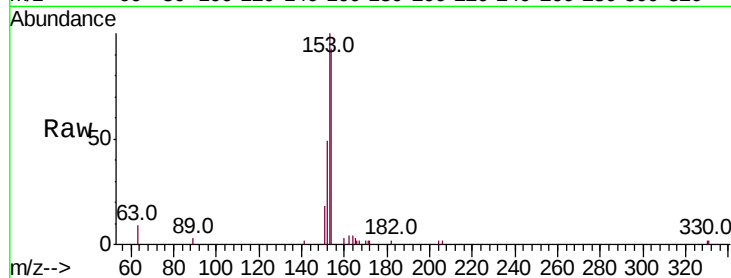
Tot Ion:154 Resp: 3278

Ion Ratio Lower Upper

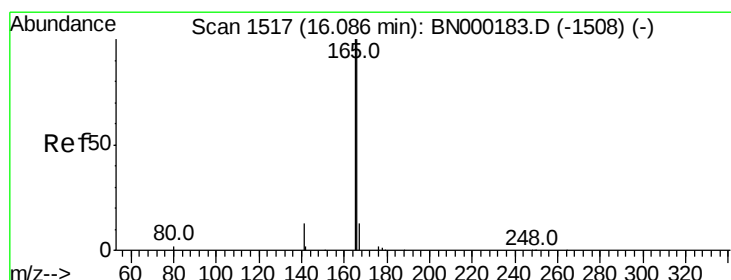
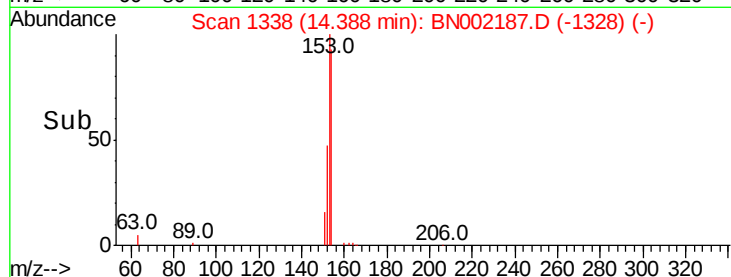
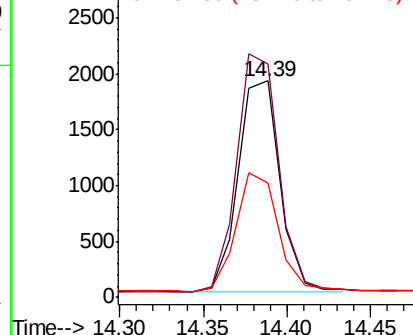
154 100

153 113.2 89.2 133.8

152 56.1 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: 0.179 ng

RT: 15.38 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

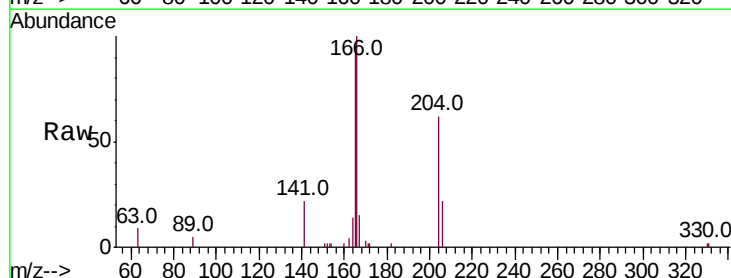
Tgt Ion:166 Resp: 3855

Ion Ratio Lower Upper

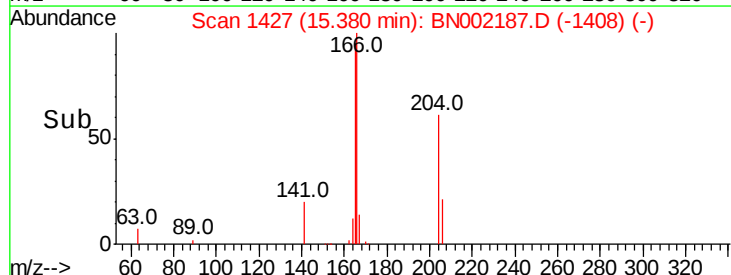
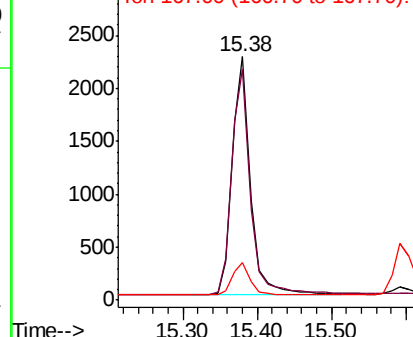
166 100

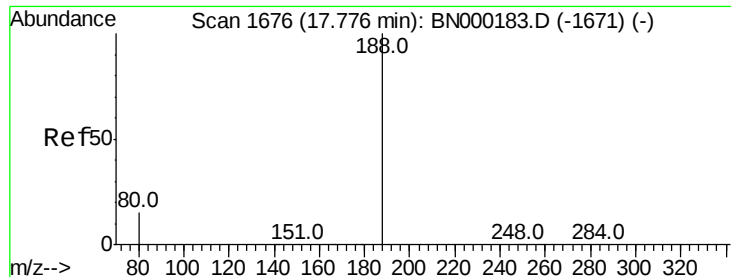
165 97.7 77.8 116.6

167 13.5 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: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

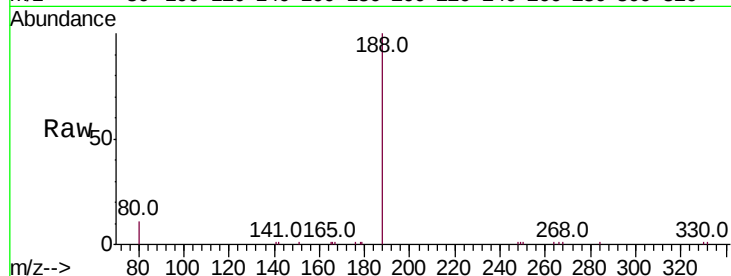
Tot Ion:188 Resp: 12790

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

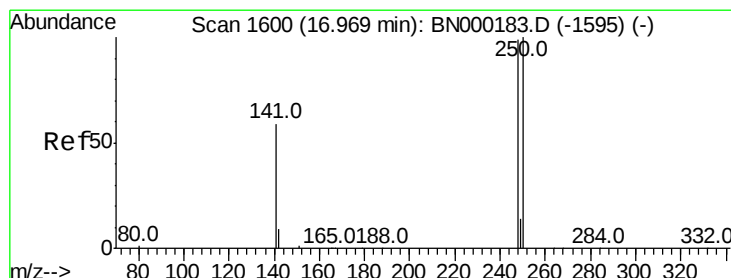
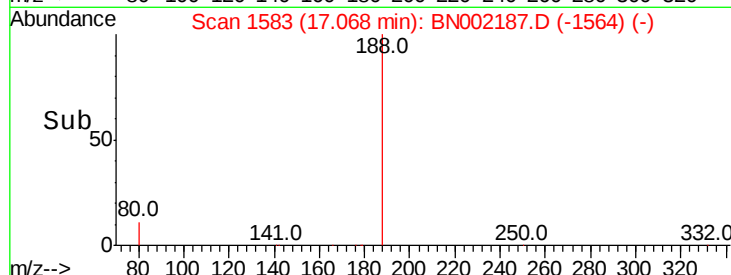
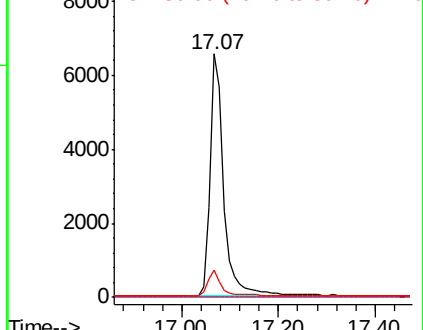
80 11.3 3.6 5.4#



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: 0.179 ng

RT: 16.27 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

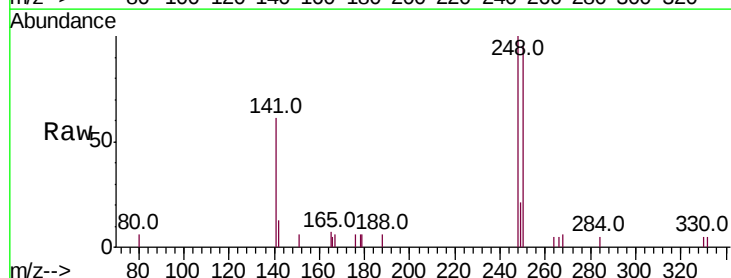
Tgt Ion:248 Resp: 1319

Ion Ratio Lower Upper

248 100

250 95.3 62.7 94.1#

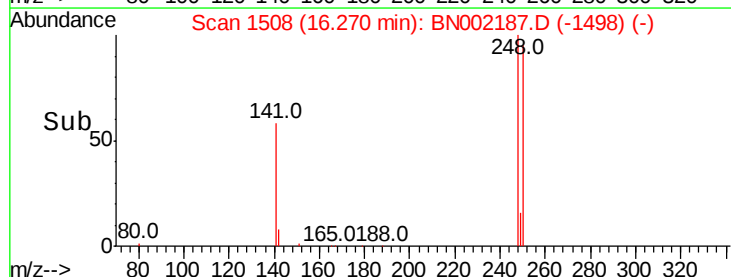
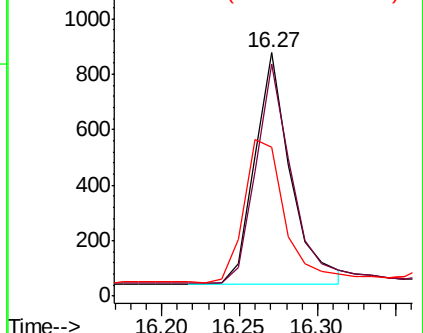
141 61.0 48.2 72.2

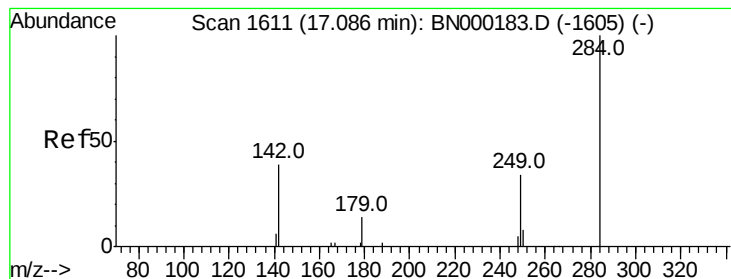


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.195 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

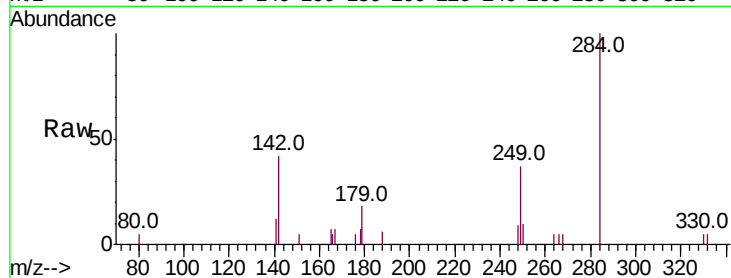
Tot Ion:284 Resp: 1570

Ion Ratio Lower Upper

284 100

142 35.4 32.0 48.0

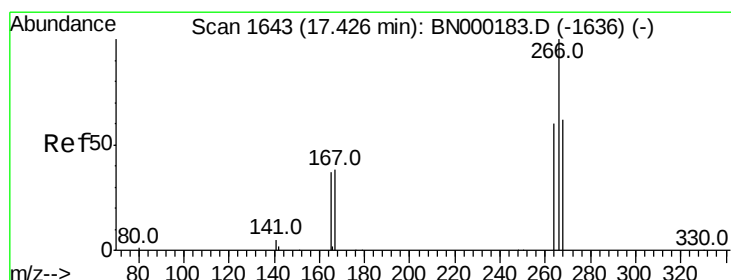
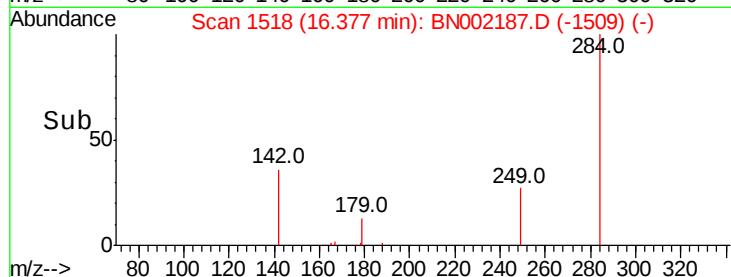
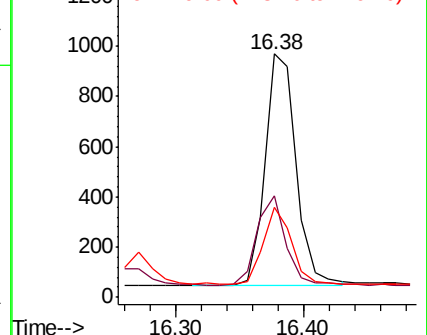
249 29.3 24.0 36.0



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: 0.114 ng

RT: 16.75 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

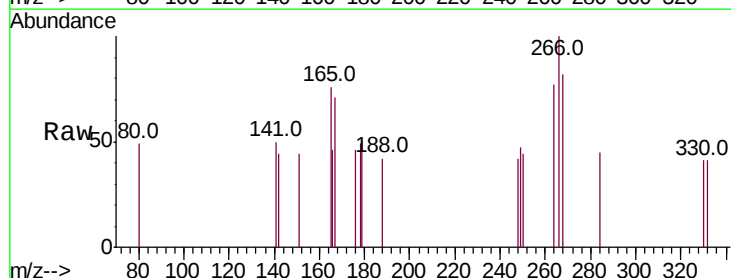
Tgt Ion:266 Resp: 200

Ion Ratio Lower Upper

266 100

264 77.1 48.0 72.0#

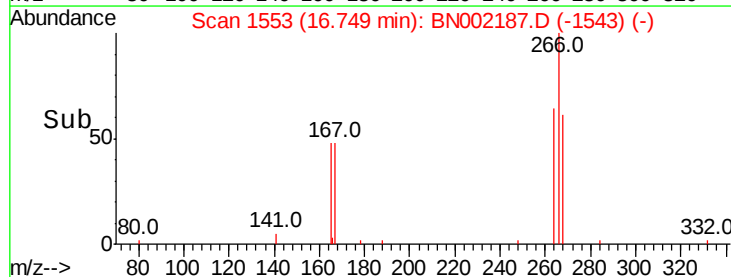
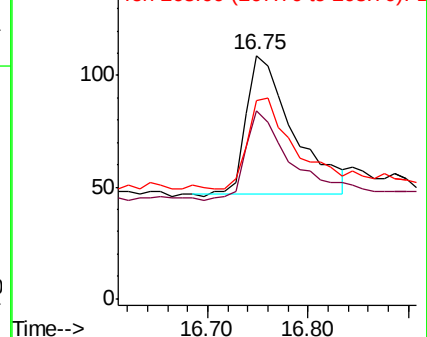
268 81.7 52.0 78.0#

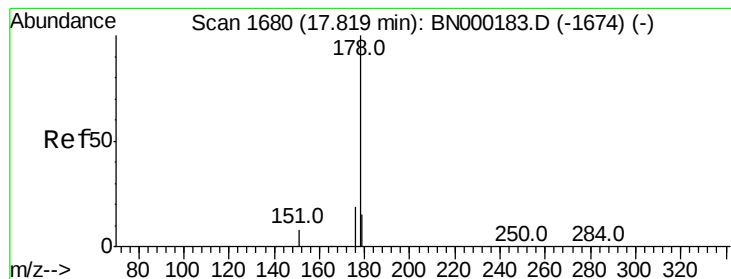


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.180 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

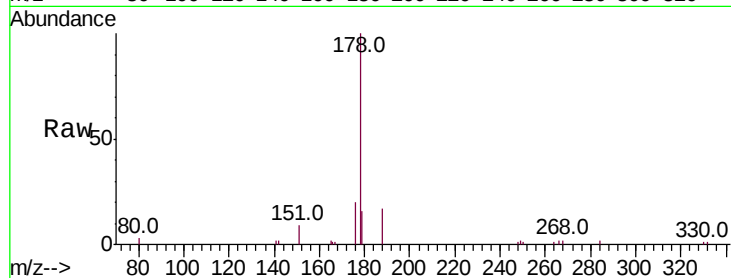
Tot Ion:178 Resp: 5820

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

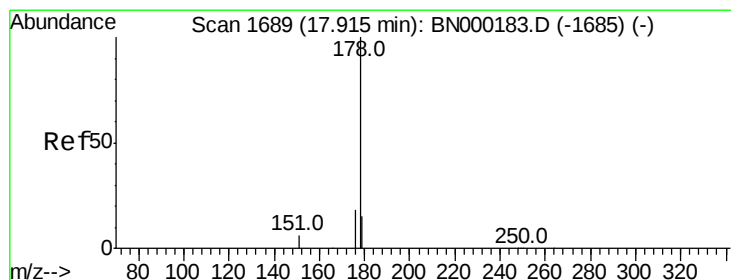
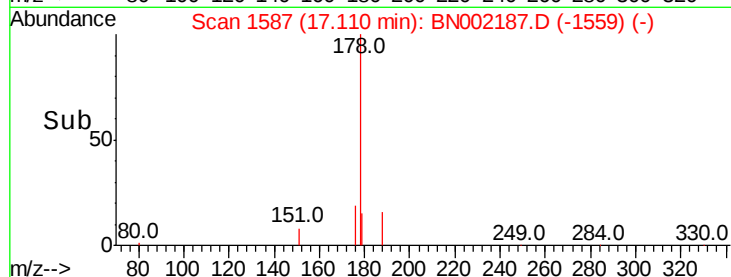
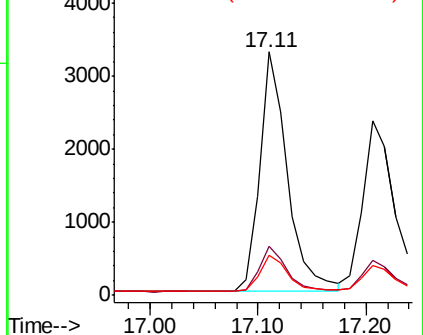
179 15.4 11.8 17.6



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



#24

Anthracene

Concen: 0.157 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

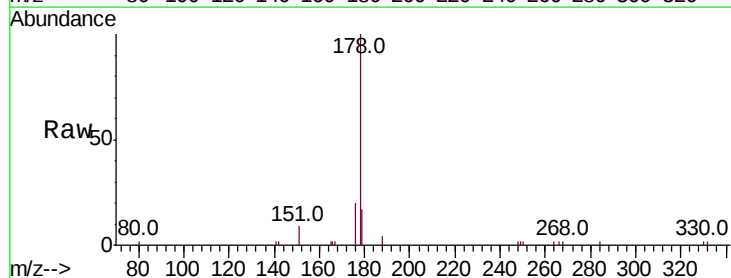
Tgt Ion:178 Resp: 4281

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

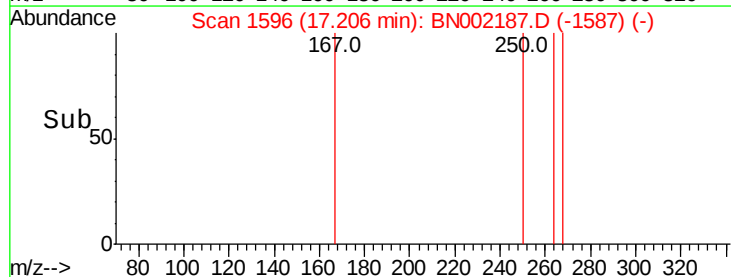
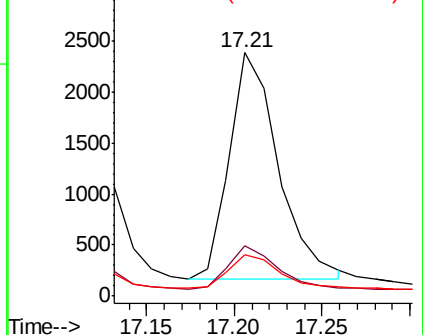
179 15.4 13.0 19.6

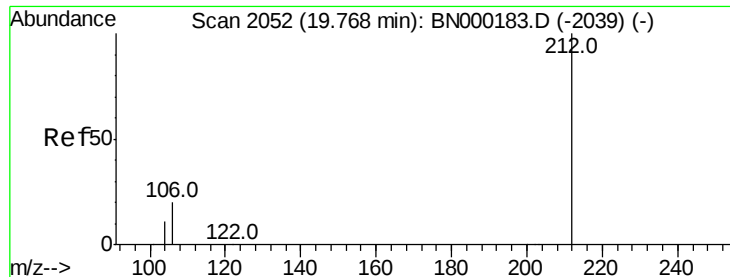


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

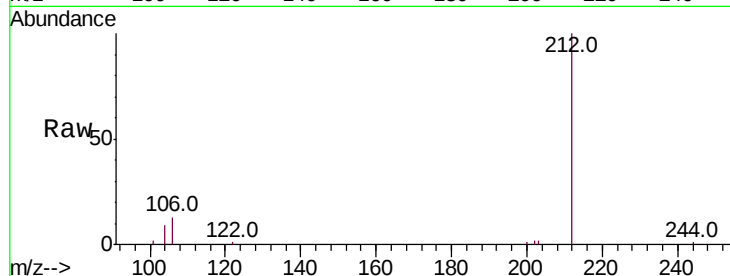




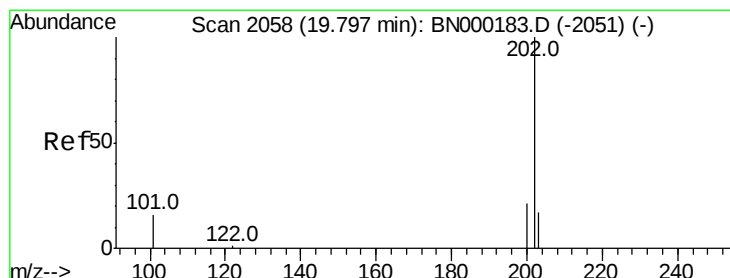
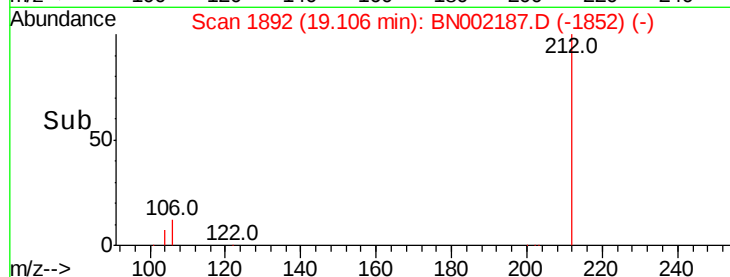
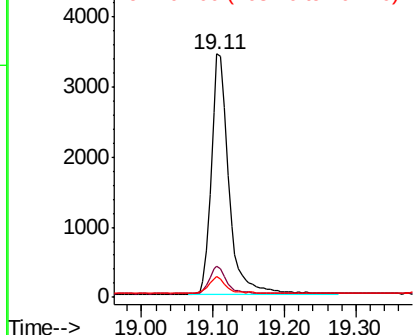
#25
Fluoranthene-d10
Concen: 0.181 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:212 Resp: 5824
Ion Ratio Lower Upper
212 100
106 11.4 2.8 4.2#
104 6.6 1.6 2.4#

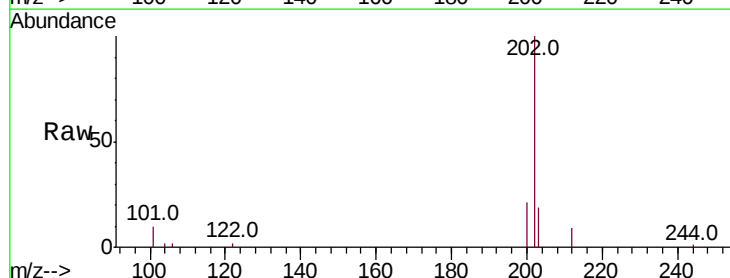


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

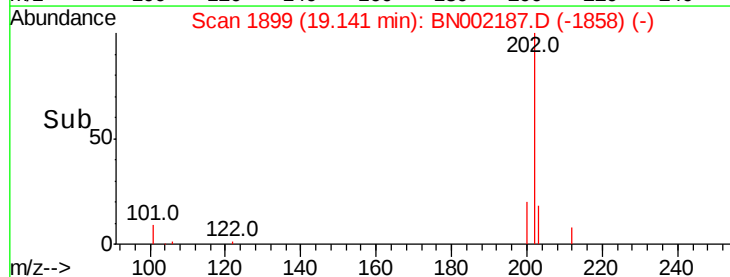
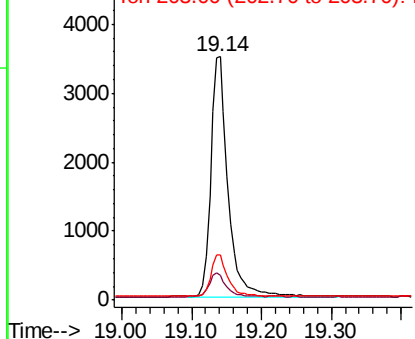


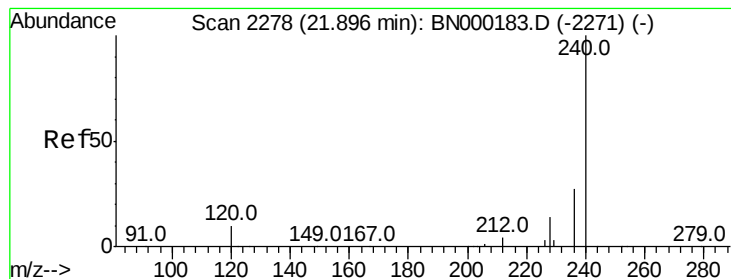
#26
Fluoranthene
Concen: 0.166 ng
RT: 19.14 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:202 Resp: 5923
Ion Ratio Lower Upper
202 100
101 9.5 9.8 14.8#
203 17.1 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: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

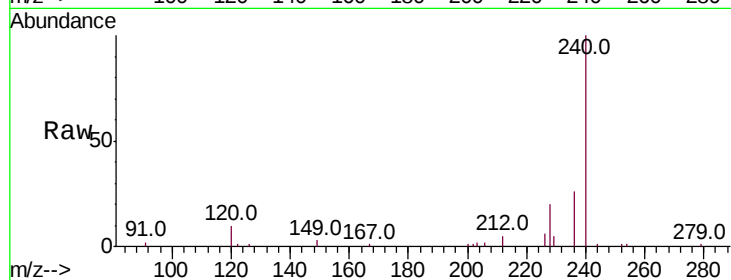
Tot Ion:240 Resp: 10636

Ion Ratio Lower Upper

240 100

120 9.7 5.5 8.3#

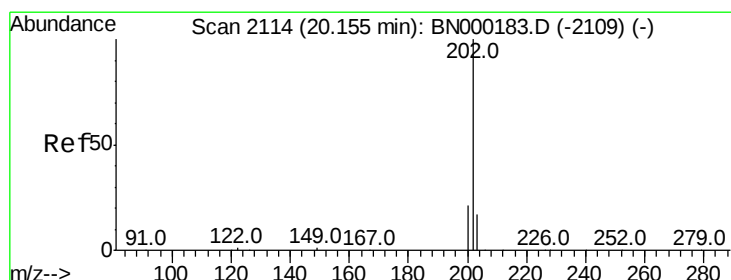
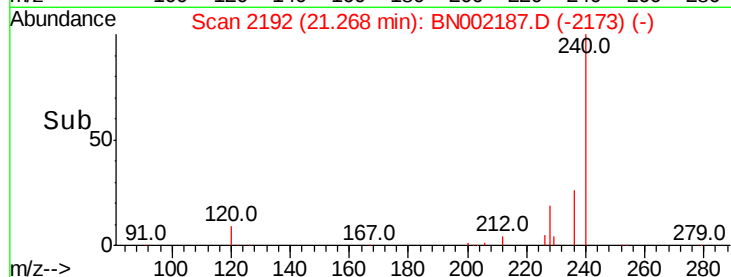
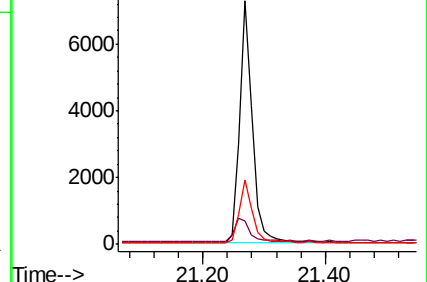
236 26.3 20.7 31.1



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: 0.191 ng

RT: 19.50 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

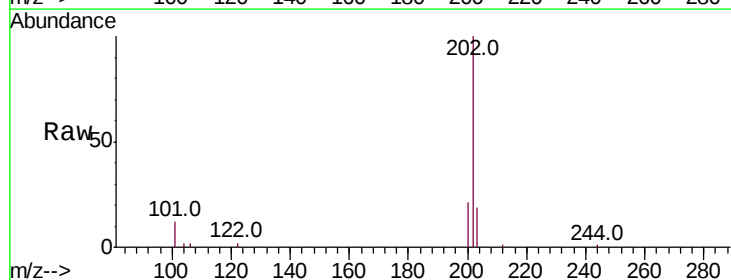
Tgt Ion:202 Resp: 6066

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

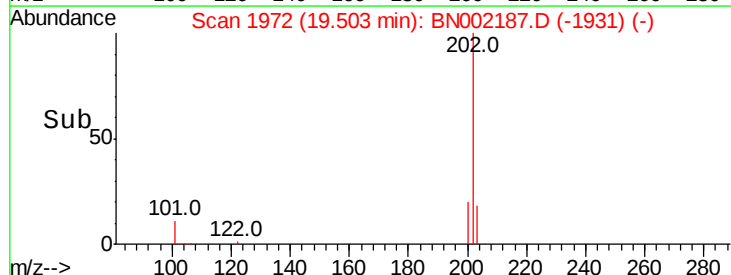
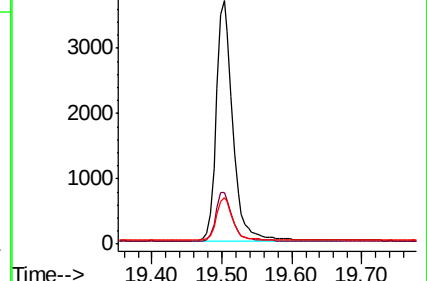
203 17.3 13.8 20.8

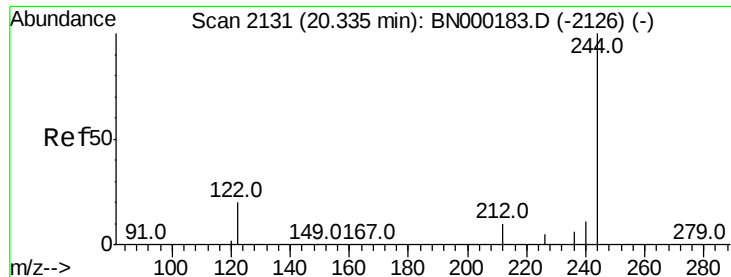


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.184 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

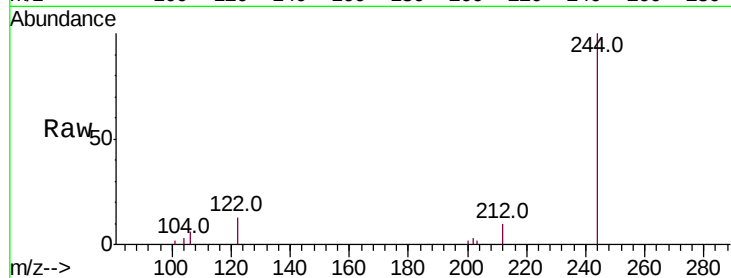
Tot Ion:244 Resp: 4240

Ion Ratio Lower Upper

244 100

212 9.5 25.4 38.0#

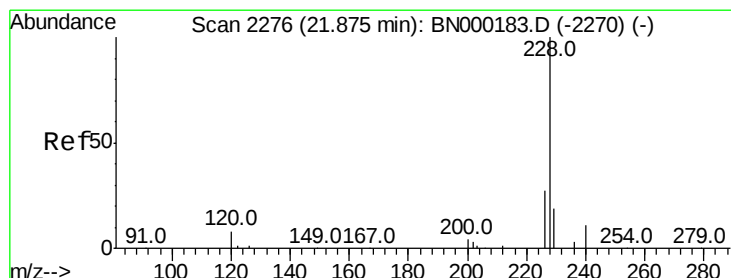
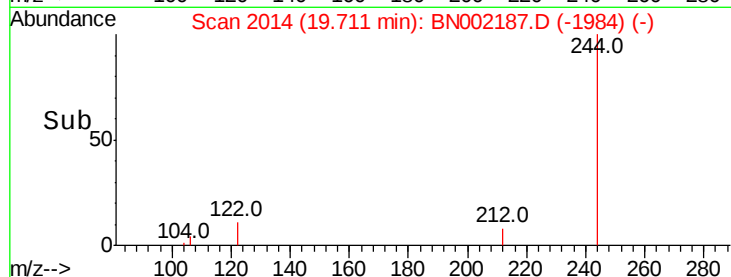
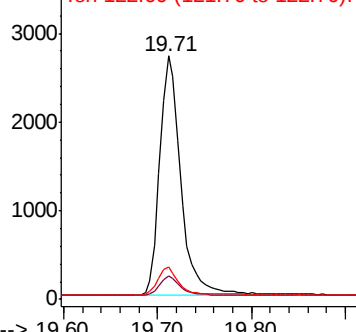
122 13.2 8.1 12.1#



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: 0.176 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

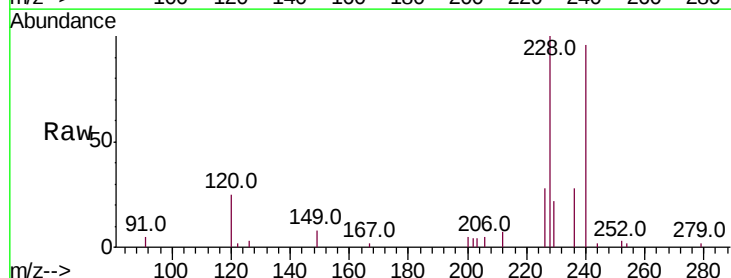
Tgt Ion:228 Resp: 4797

Ion Ratio Lower Upper

228 100

226 27.5 24.0 36.0

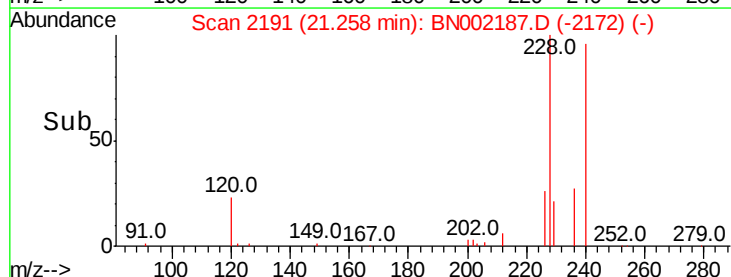
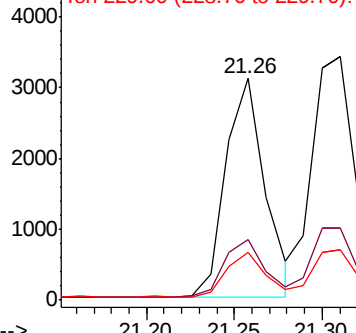
229 21.8 16.0 24.0

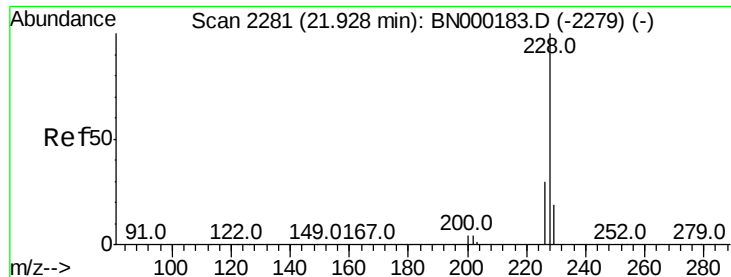


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.198 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

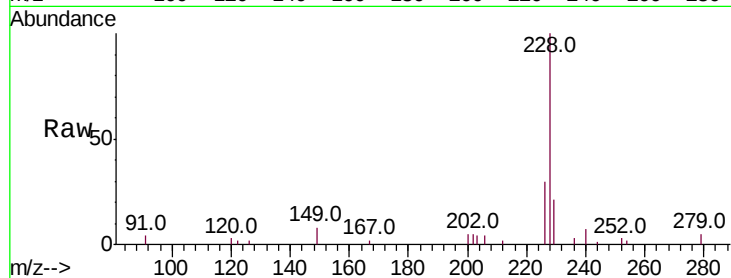
BNA_N

ClientSampleId :

SSTDICC0.2

Tot Ion:228 Resp: 5951

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.7	16.0	24.0

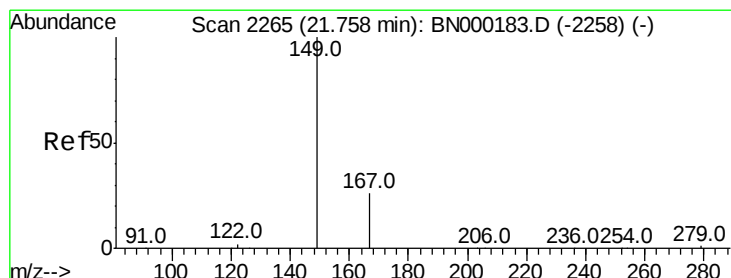
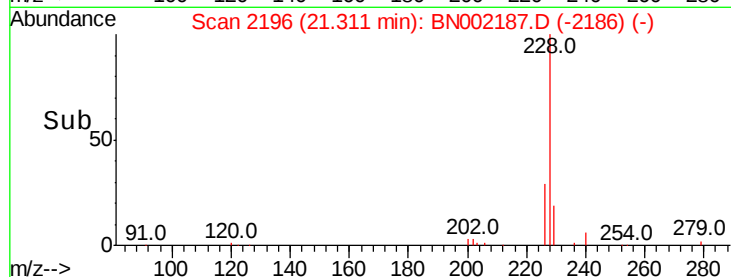
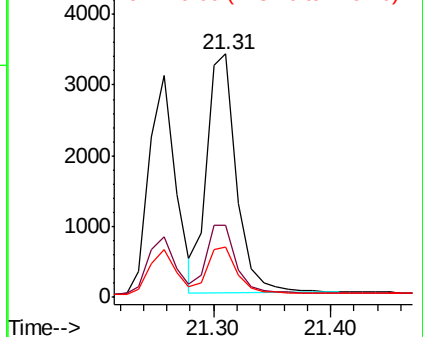


Abundance

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: 0.170 ng

RT: 21.18 min Scan# 2184

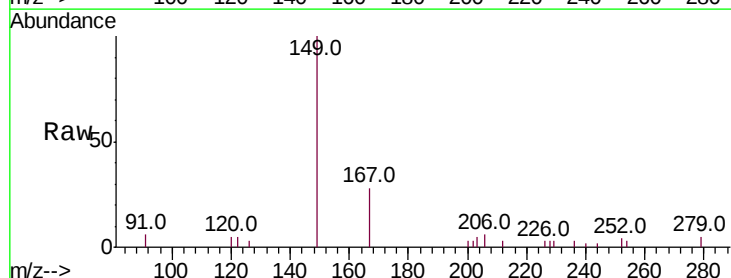
Delta R.T. -0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Tgt Ion:149 Resp: 2133

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.0	30.0
279	4.6	1.6	2.4

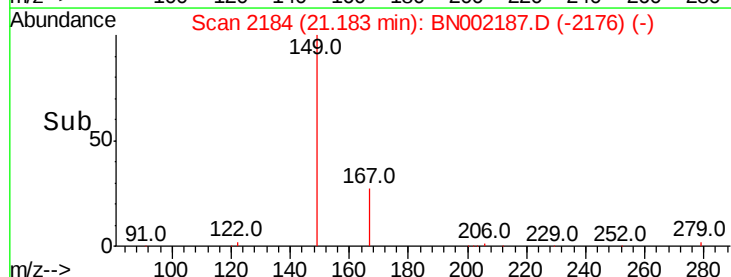
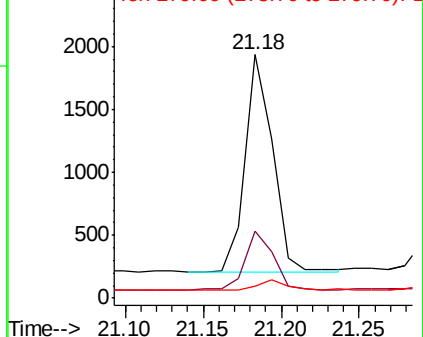


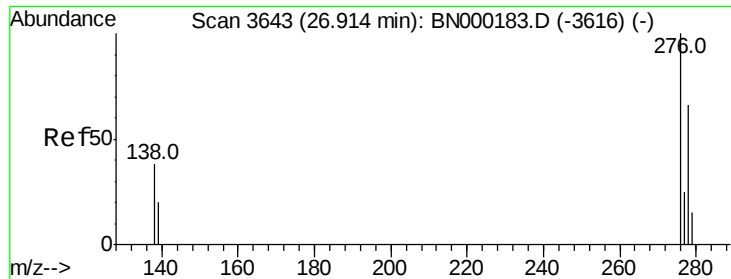
Abundance

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

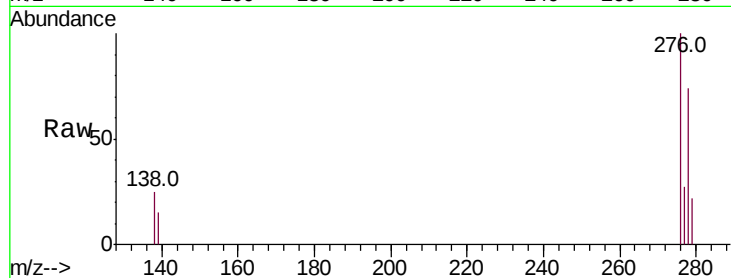




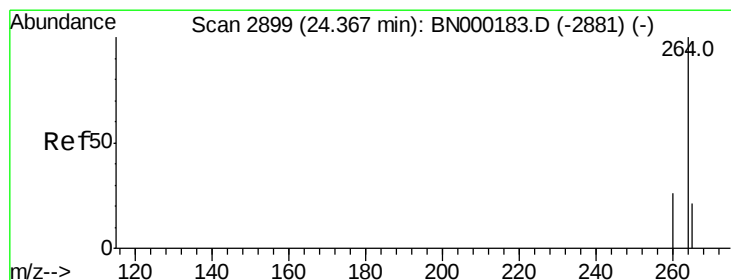
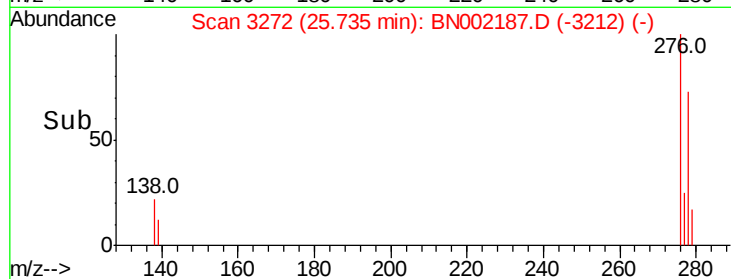
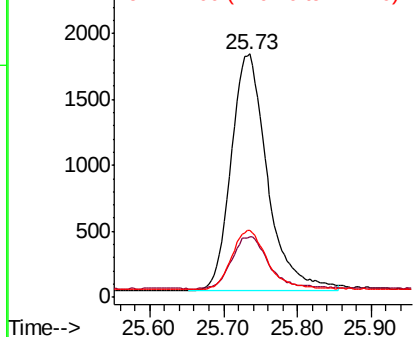
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.221 ng
 RT: 25.73 min Scan# 3272
 Delta R.T. 0.01 min
 Lab File: BN002187.D
 Acq: 30 Jul 2018 15:43

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tot Ion:276 Resp: 6121
 Ion Ratio Lower Upper
 276 100
 138 22.7 22.5 33.7
 277 25.0 19.9 29.9

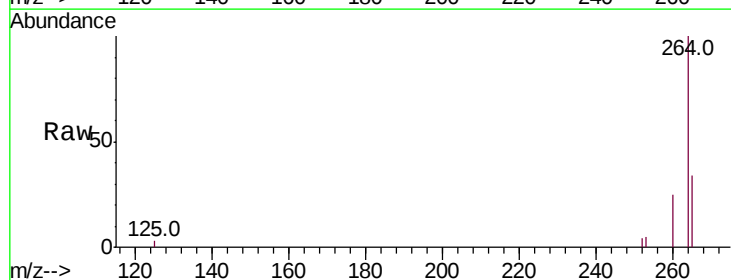


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

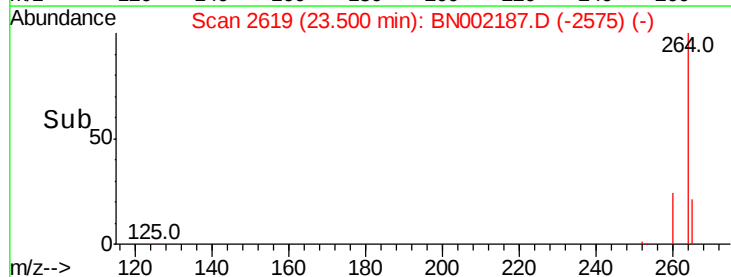
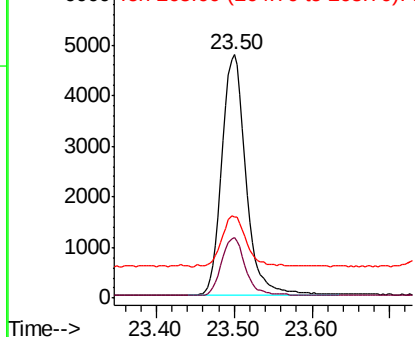


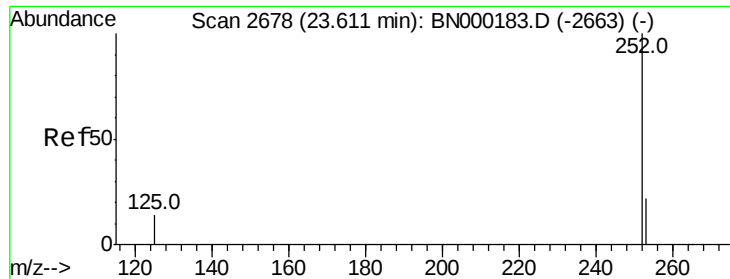
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BN002187.D
 Acq: 30 Jul 2018 15:43

Tgt Ion:264 Resp: 10217
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.5 30.7
 265 33.6 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

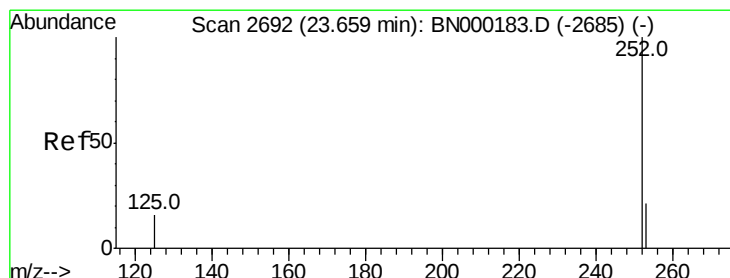
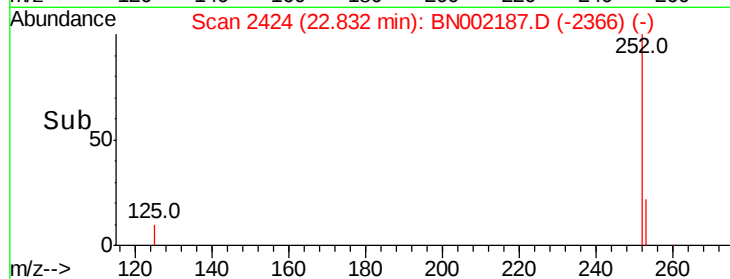
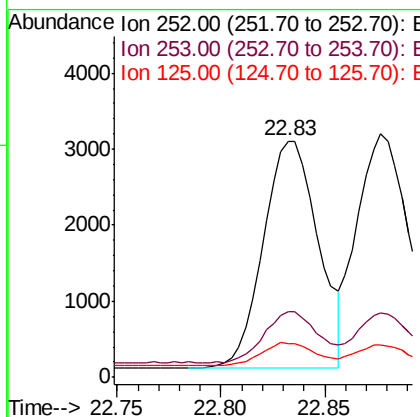
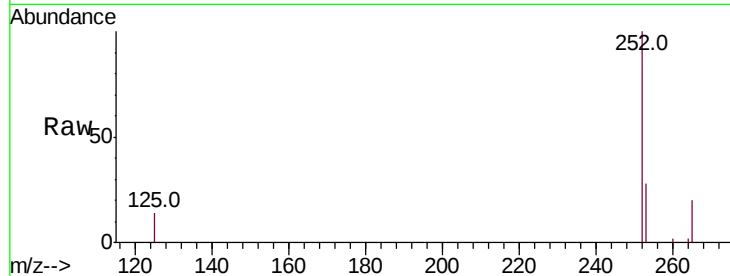




#35
Benzo(b)fluoranthene
Concen: 0.179 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

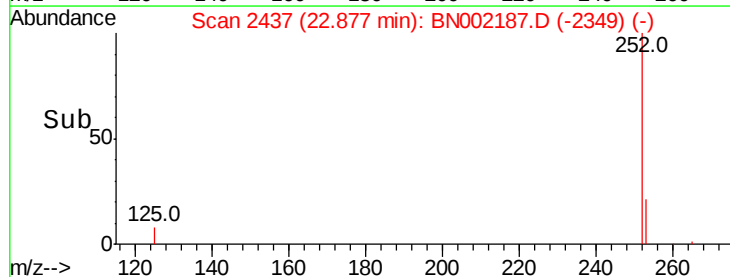
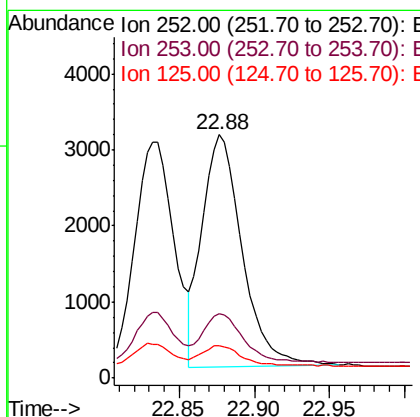
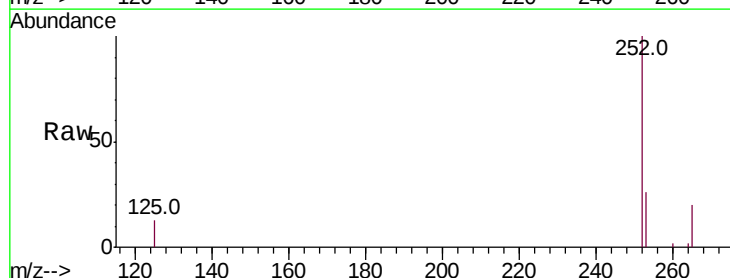
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

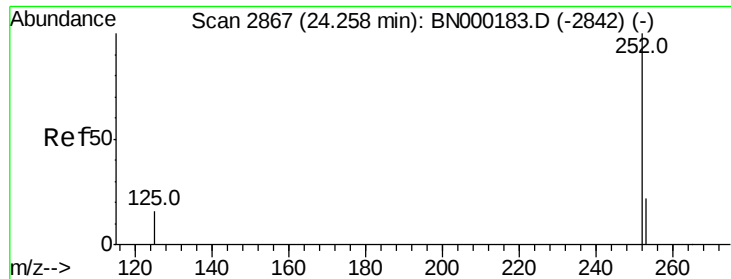
Tot Ion:252 Resp: 5463
Ion Ratio Lower Upper
252 100
253 27.7 20.0 30.0
125 14.4 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.178 ng
RT: 22.88 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:252 Resp: 5650
Ion Ratio Lower Upper
252 100
253 26.4 16.0 24.0#
125 13.2 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.182 ng

RT: 23.40 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

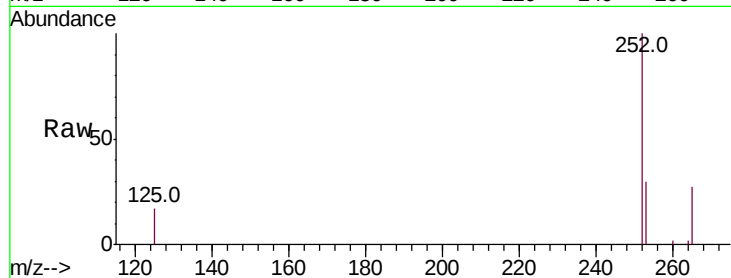
Tot Ion:252 Resp: 5041

Ion Ratio Lower Upper

252 100

253 29.6 16.0 24.0#

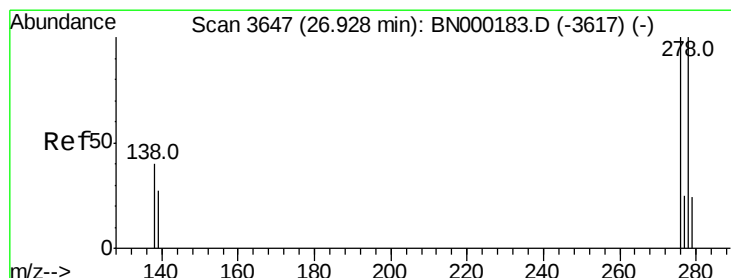
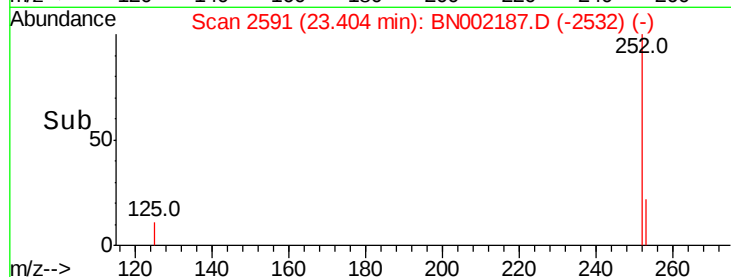
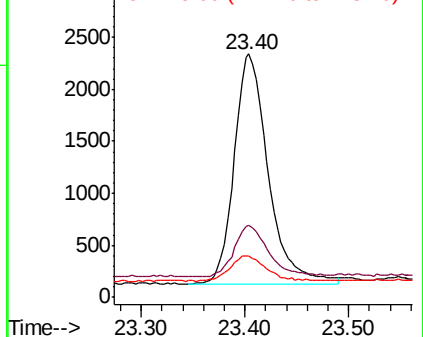
125 16.9 12.0 18.0



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: 0.194 ng

RT: 25.75 min Scan# 3276

Delta R.T. 0.01 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

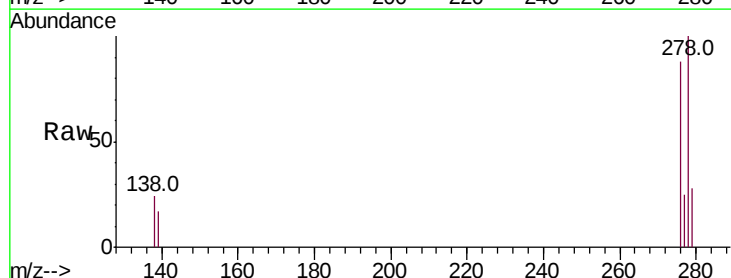
Tgt Ion:278 Resp: 5168

Ion Ratio Lower Upper

278 100

139 17.2 16.0 24.0

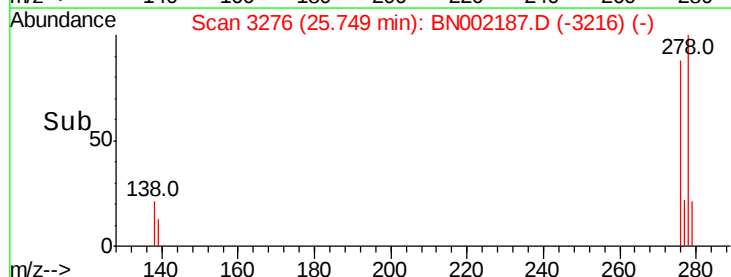
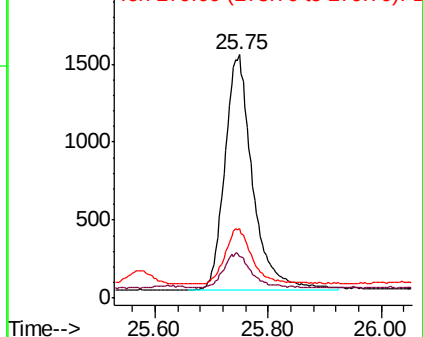
279 28.4 20.0 30.0

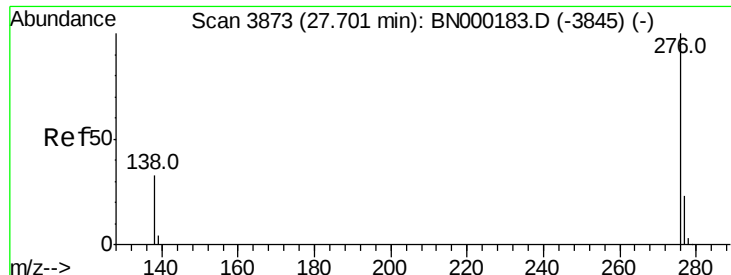


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.200 ng

RT: 26.41 min Scan# 3469

Delta R.T. 0.00 min

Lab File: BN002187.D

Acq: 30 Jul 2018 15:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

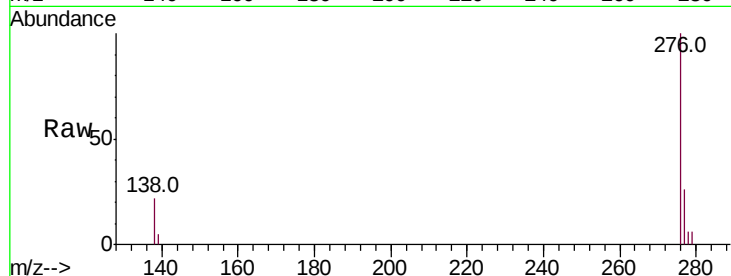
Tot Ion:276 Resp: 5420

Ion Ratio Lower Upper

276 100

277 26.0 16.0 24.0#

138 22.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

