

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003173.D
 Acq On : 17 Oct 2018 09:34
 Operator : MJ/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Oct 17 11:31:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 11:27:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	782	0.40	ng	0.02
7) Naphthalene-d8	10.48	136	3660	0.40	ng	0.05
13) Acenaphthene-d10	14.30	164	2841	0.40	ng	0.02
19) Phenanthrene-d10	17.06	188	7340	0.40	ng	0.01
27) Chrysene-d12	21.25	240	9454	0.40	ng	0.00
34) Perylene-d12	23.47	264	10326	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	125	0.07	ng	0.03
5) Phenol-d6	7.10	99	125	0.05	ng	0.17
8) Nitrobenzene-d5	8.84	82	4	0.00	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	238	0.04	ng	0.08
14) 2,4,6-Tribromophenol	15.86	330	201	0.14	ng	0.03
15) 2-Fluorobiphenyl	12.97	172	1158	0.11	ng	0.04
25) Fluoranthene-d10	19.10	212	2415	0.13	ng	0.02
29) Terphenyl-d14	19.69	244	2324	0.11	ng	0.01

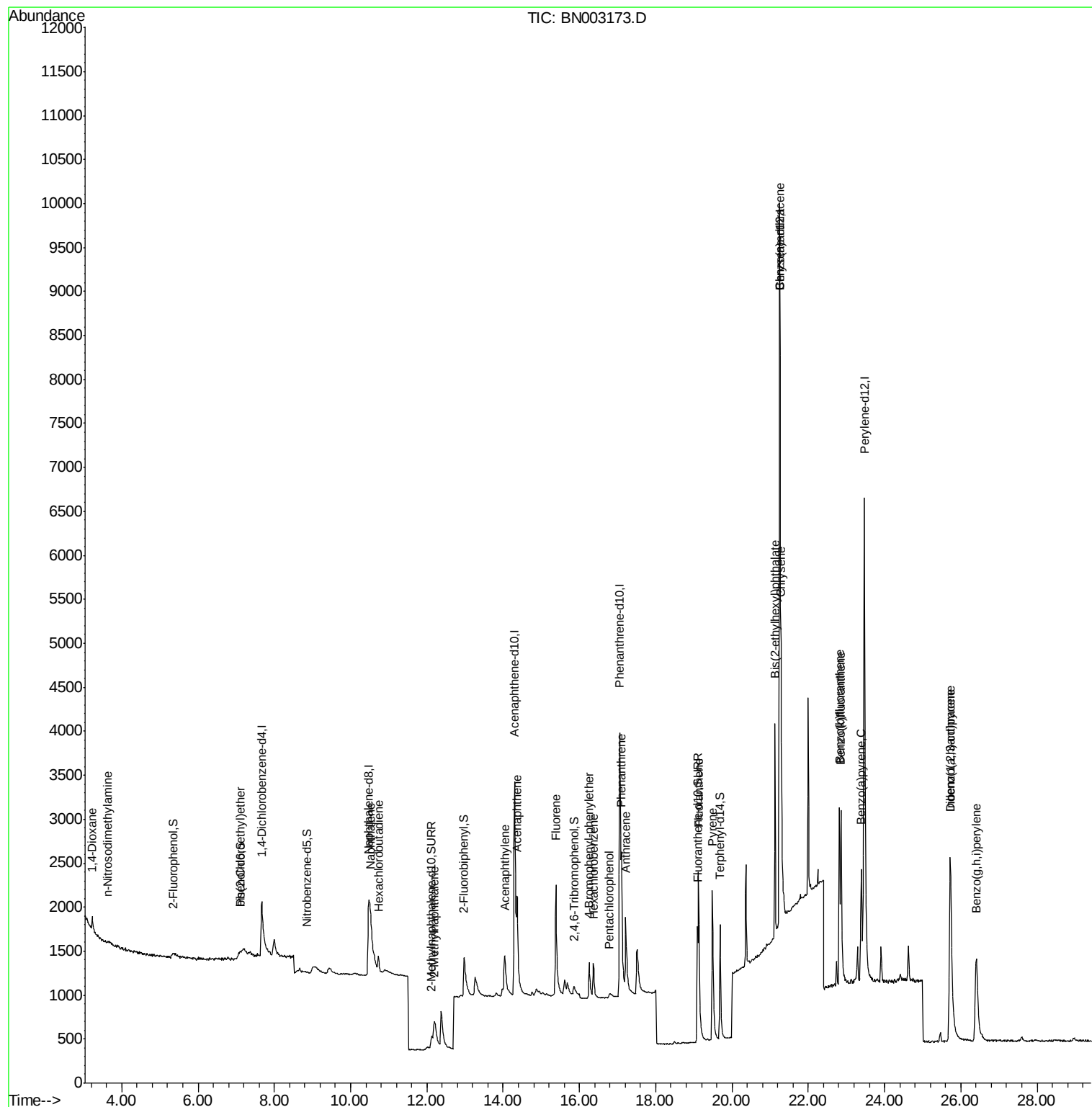
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	230	0.264	ng	# 71
3) n-Nitrosodimethylamine	3.64	42	7	0.016	ng	# 1
6) bis(2-Chloroethyl)ether	7.10	93	111	0.051	ng	# 25
9) Naphthalene	10.53	128	972	0.117	ng	# 52
10) Hexachlorobutadiene	10.73	225	198	0.120	ng	# 94
12) 2-Methylnaphthalene	12.20	142	612	0.107	ng	# 90
16) Acenaphthylene	14.04	152	1244	0.106	ng	100
17) Acenaphthene	14.37	154	850	0.108	ng	97
18) Fluorene	15.38	166	1117	0.113	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	354	0.088	ng	95
21) Hexachlorobenzene	16.37	284	445	0.103	ng	100
22) Pentachlorophenol	16.79	266	77	0.085	ng	# 80
23) Phenanthrene	17.10	178	1950	0.107	ng	99
24) Anthracene	17.22	178	1659	0.104	ng	98
26) Fluoranthene	19.13	202	2605	0.127	ng	99
28) Pyrene	19.48	202	2780	0.100	ng	100
30) Benzo(a)anthracene	21.25	228	2623	0.119	ng	95
31) Chrysene	21.29	228	3216	0.117	ng	95
32) Bis(2-ethylhexyl)phthalate	21.13	149	2198	0.148	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.73	276	3644	0.156	ng	98
35) Benzo(b)fluoranthene	22.82	252	2843	0.099	ng	# 84
36) Benzo(k)fluoranthene	22.86	252	3688	0.117	ng	# 81
37) Benzo(a)pyrene	23.39	252	3051	0.114	ng	# 74
38) Dibenzo(a,h)anthracene	25.72	278	3054	0.125	ng	# 82
39) Benzo(g,h,i)perylene	26.40	276	3145	0.126	ng	# 86

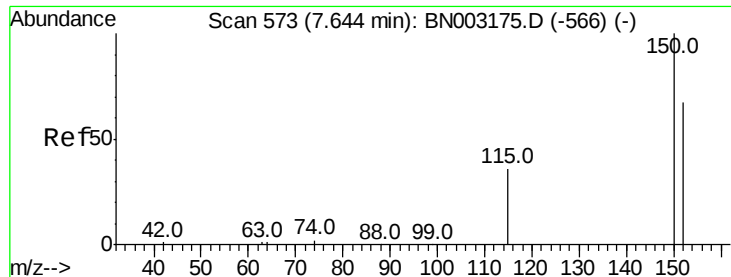
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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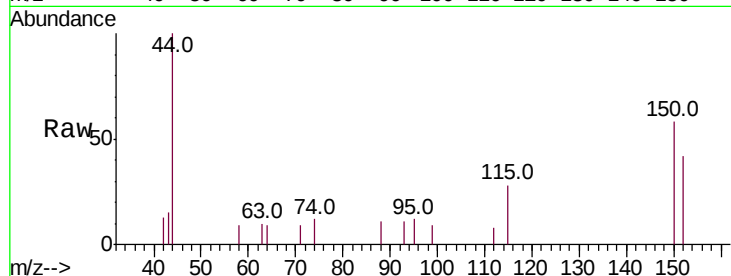


#1

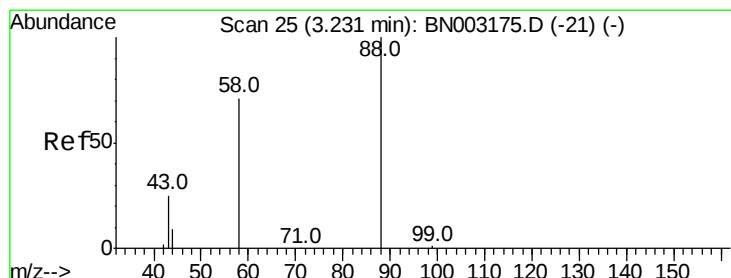
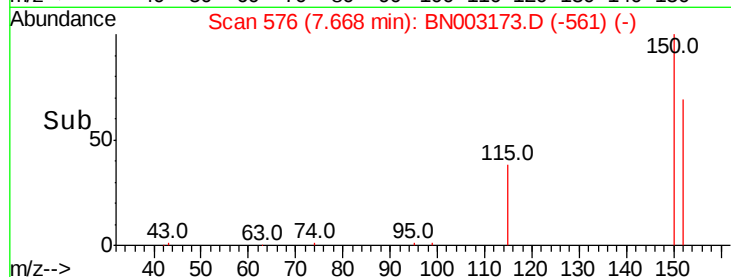
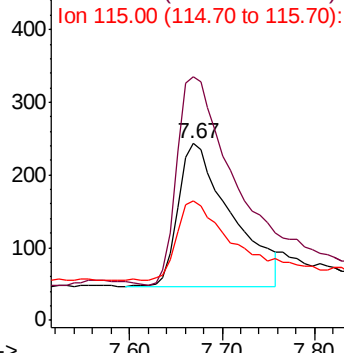
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 576
Delta R.T. 0.02 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 782
Ion Ratio Lower Upper
152 100
150 137.9 126.2 189.4
115 67.5 49.8 74.6



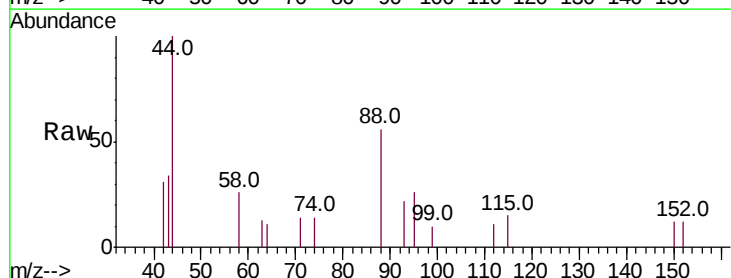
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



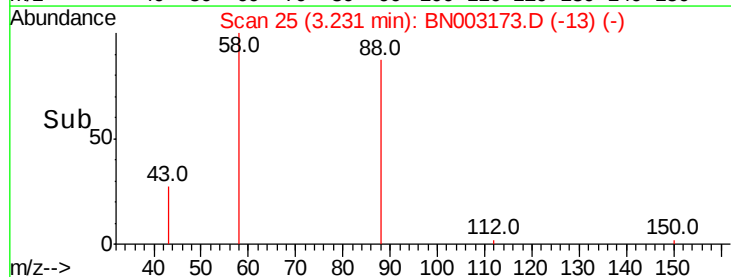
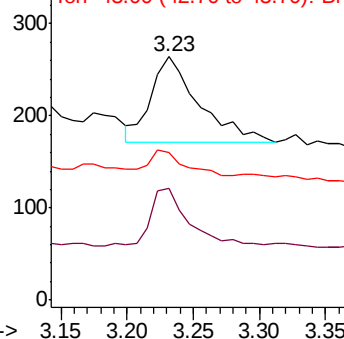
#2

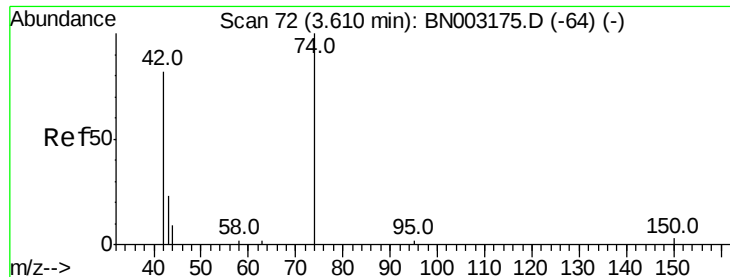
1,4-Dioxane
Concen: 0.264 ng
RT: 3.23 min Scan# 25
Delta R.T. 0.00 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

Tgt Ion: 88 Resp: 230
Ion Ratio Lower Upper
88 100
58 53.5 66.7 100.1#
43 20.4 24.6 37.0#



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: 0.016 ng

RT: 3.64 min Scan# 76

Delta R.T. 0.03 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

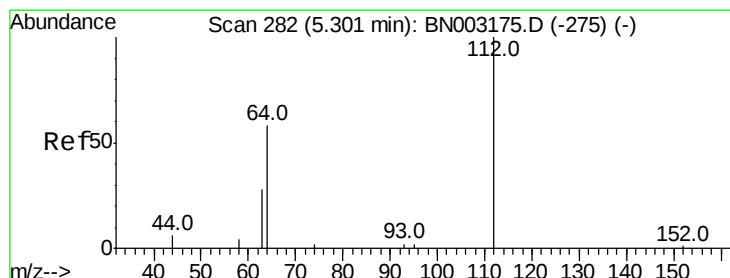
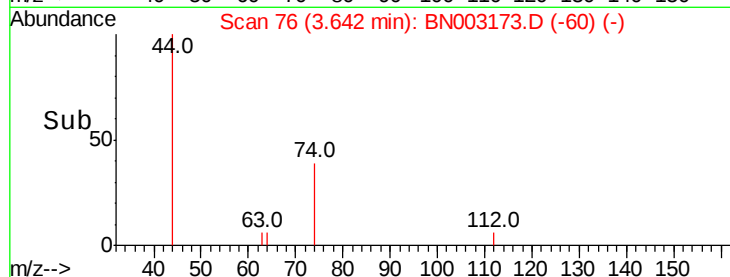
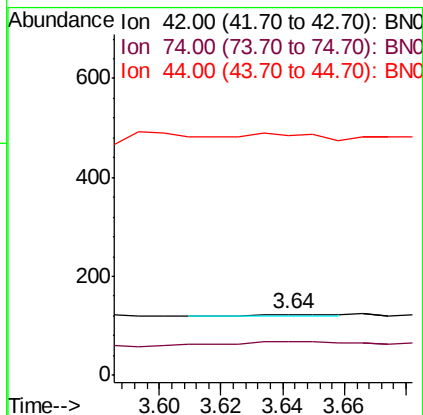
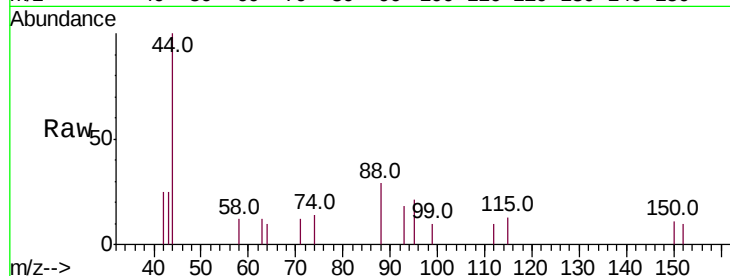
Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tot Ion:	42	Resp:	7
Ion	Ratio	Lower	Upper
42	100		
74	485.7	102.9	154.3#
44	328.6	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.065 ng

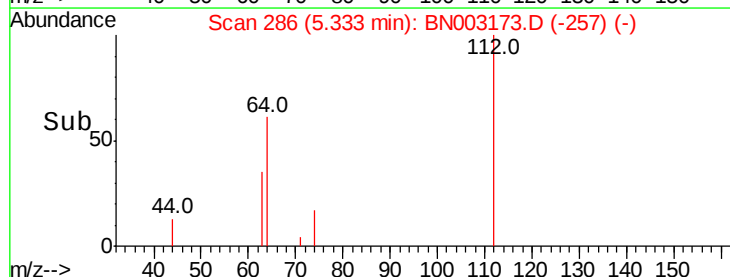
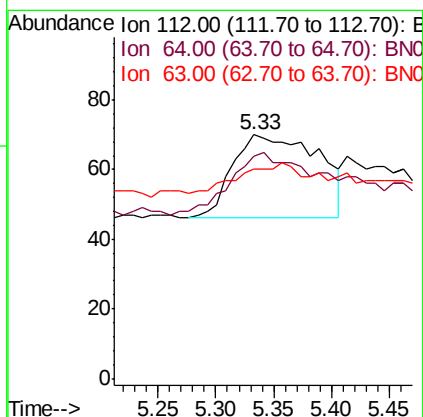
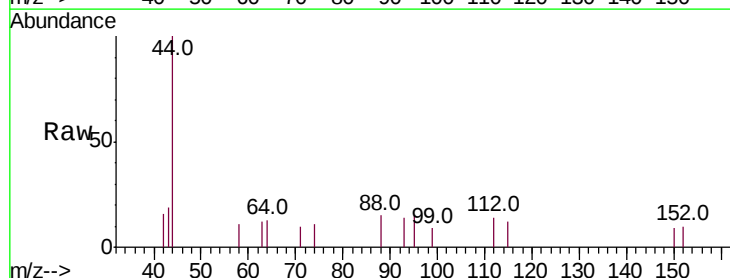
RT: 5.33 min Scan# 286

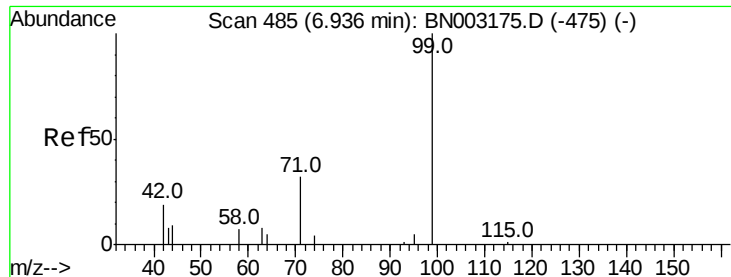
Delta R.T. 0.03 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Tgt Ion:	112	Resp:	125
Ion	Ratio	Lower	Upper
112	100		
64	90.4	49.0	73.4#
63	0.0	25.9	38.9#





#5

Phenol-d6

Concen: 0.051 ng

RT: 7.10 min Scan# 506

Delta R.T. 0.17 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

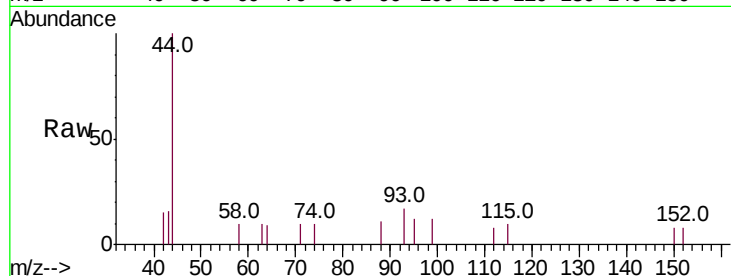
Tot Ion: 99 Resp: 125

Ion Ratio Lower Upper

99 100

42 0.0 15.4 23.2#

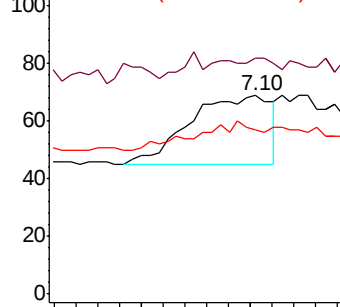
71 0.0 26.0 39.0#



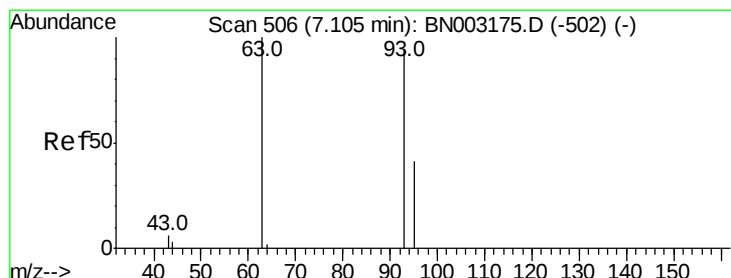
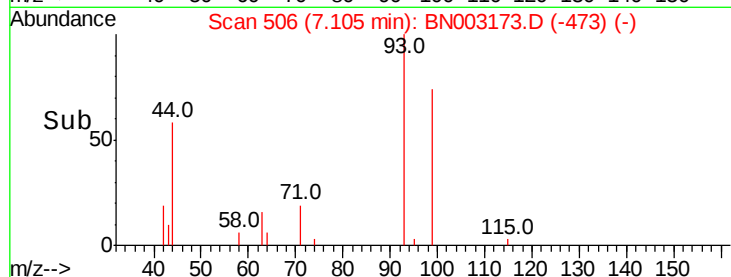
Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.051 ng

RT: 7.10 min Scan# 505

Delta R.T. -0.01 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

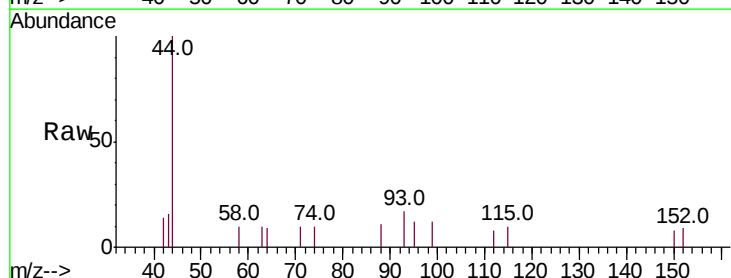
Tgt Ion: 93 Resp: 111

Ion Ratio Lower Upper

93 100

63 0.0 54.2 81.4#

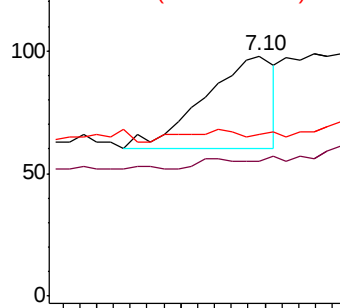
95 0.0 24.9 37.3#



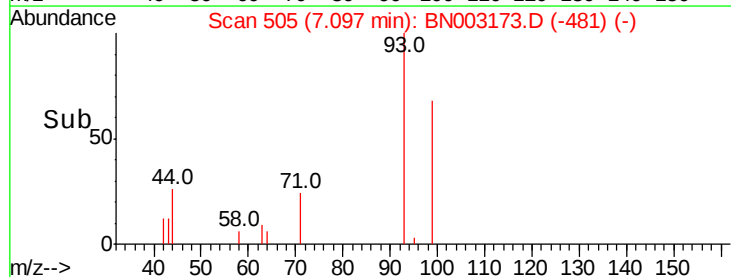
Abundance Ion 93.00 (92.70 to 93.70): BNC

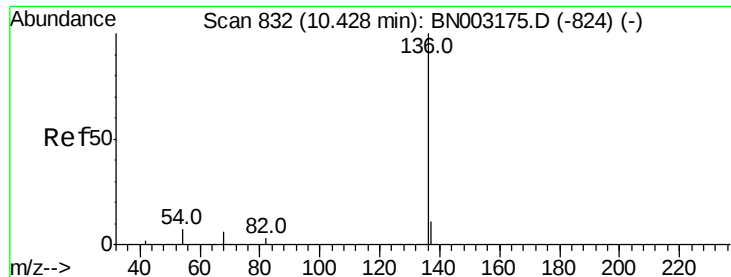
Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. 0.05 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampled :

SSTDIC0.1

Tot Ion:136 Resp: 3660

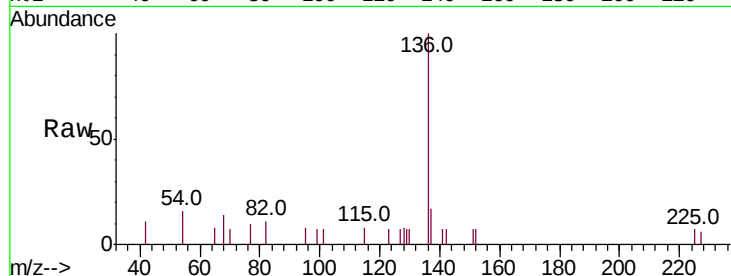
Ion Ratio Lower Upper

136 100

137 17.0 9.4 14.0#

54 15.7 7.4 11.0#

68 13.6 5.8 8.6#

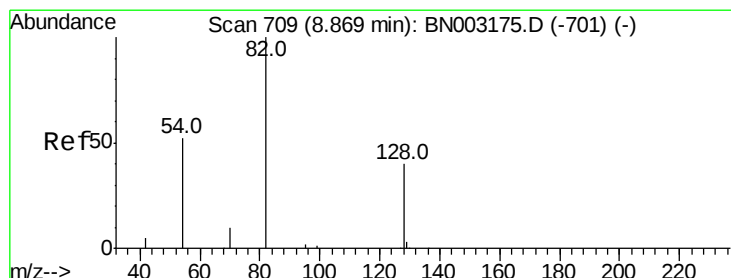
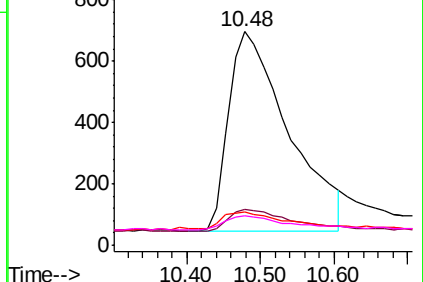
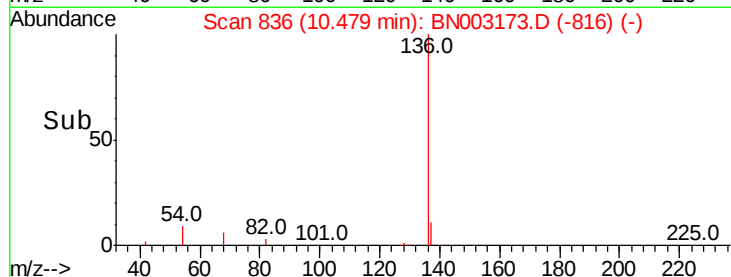


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.002 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

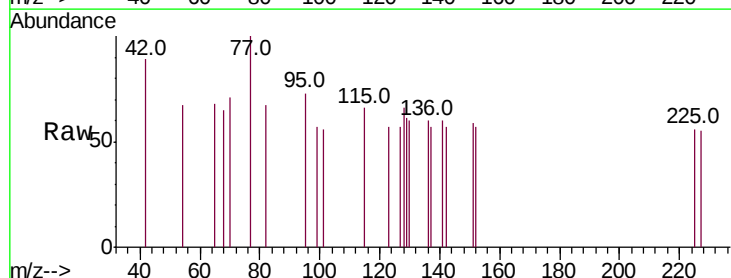
Tgt Ion: 82 Resp: 4

Ion Ratio Lower Upper

82 100

128 98.2 38.2 57.4#

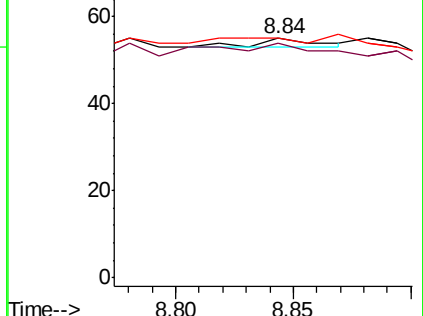
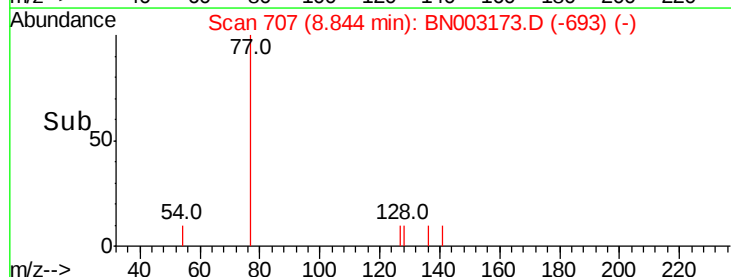
54 100.0 44.1 66.1#

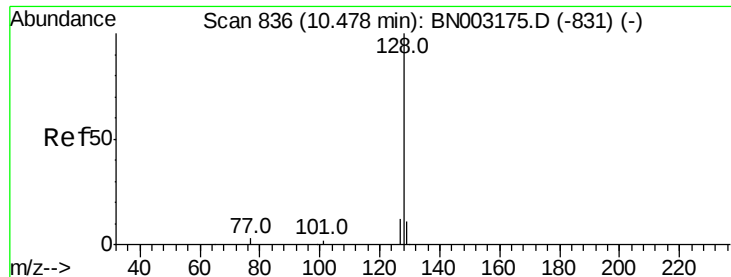


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.117 ng

RT: 10.53 min Scan# 840

Delta R.T. 0.05 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

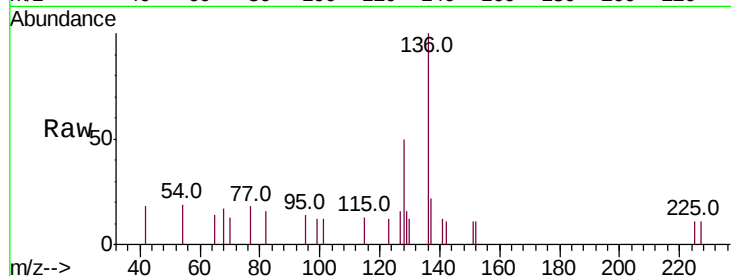
Tot Ion:128 Resp: 972

Ion Ratio Lower Upper

128 100

129 32.4 9.8 14.6#

127 32.4 11.4 17.2#



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

10.53

250

200

150

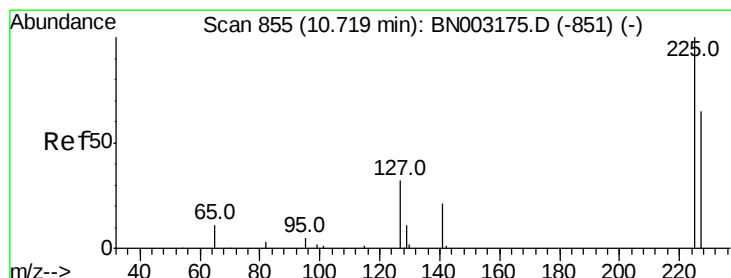
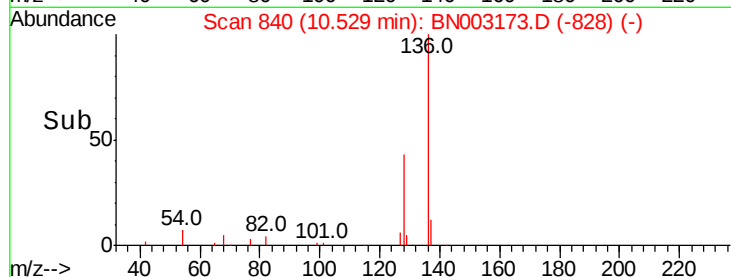
100

50

0

Time-->

10.40 10.50 10.60 10.70



#10

Hexachlorobutadiene

Concen: 0.120 ng

RT: 10.73 min Scan# 856

Delta R.T. 0.01 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

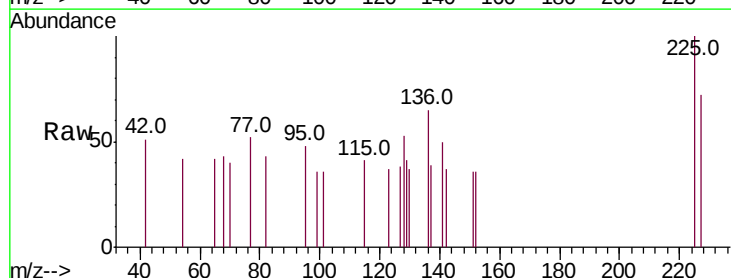
Tgt Ion:225 Resp: 198

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 60.1 51.8 77.8



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

10.73

150

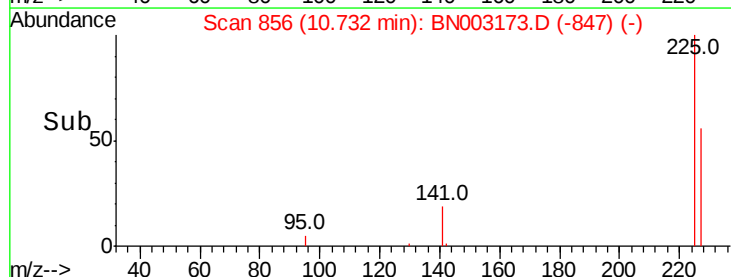
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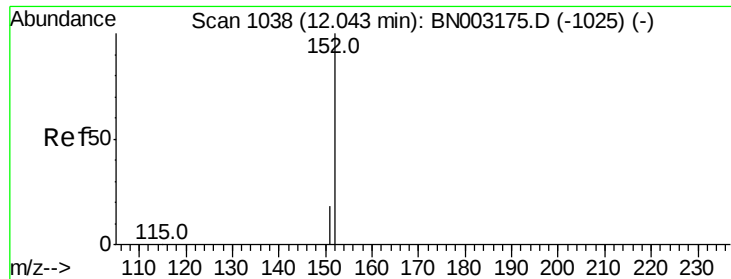
50

0

Time-->

10.70 10.80

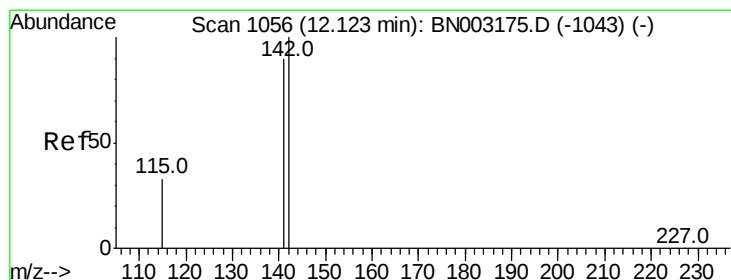
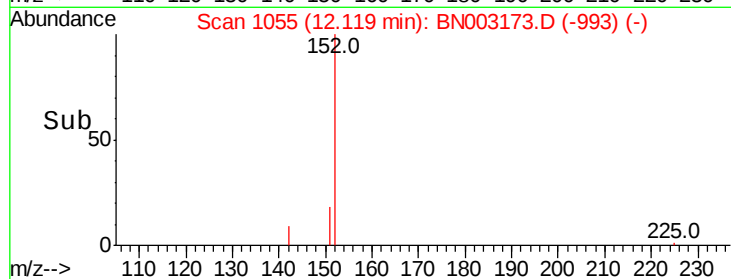
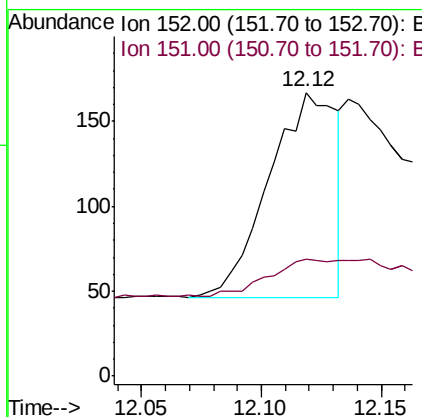
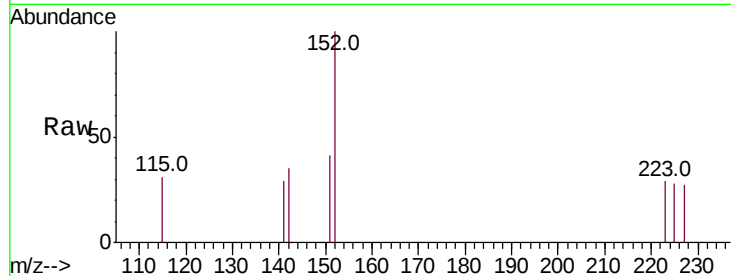




#11
2-Methylnaphthalene-d10
Concen: 0.044 ng
RT: 12.12 min Scan# 1055
Delta R.T. 0.08 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

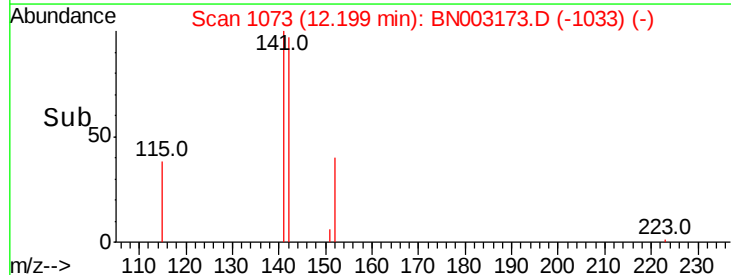
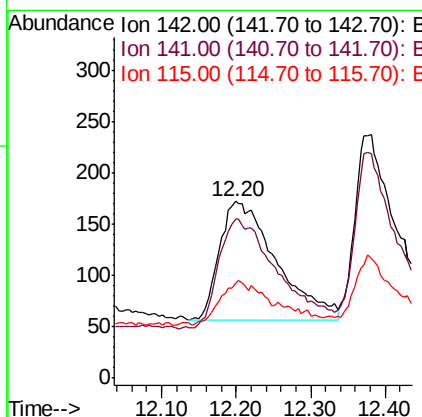
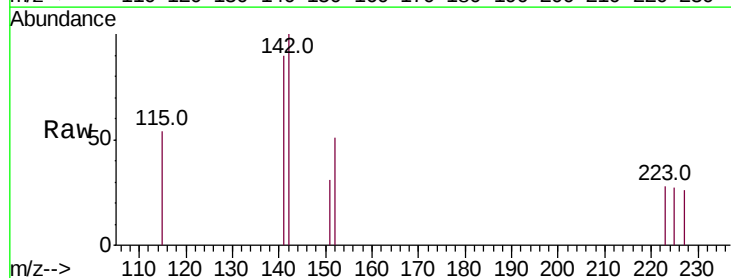
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

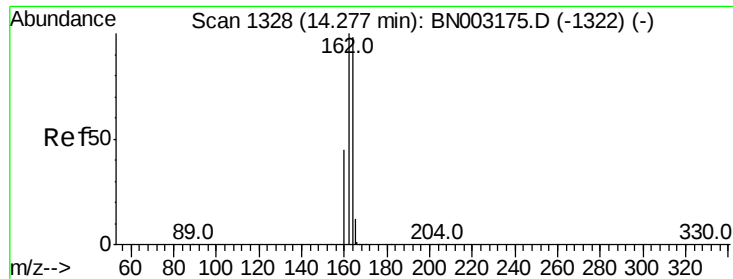
Tot Ion:152 Resp: 238
Ion Ratio Lower Upper
152 100
151 15.5 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.107 ng
RT: 12.20 min Scan# 1073
Delta R.T. 0.08 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

Tgt Ion:142 Resp: 612
Ion Ratio Lower Upper
142 100
141 90.2 71.5 107.3
115 53.8 28.1 42.1#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.02 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

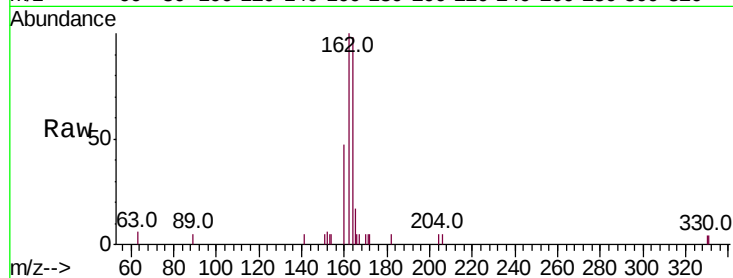
Tot Ion:164 Resp: 2841

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

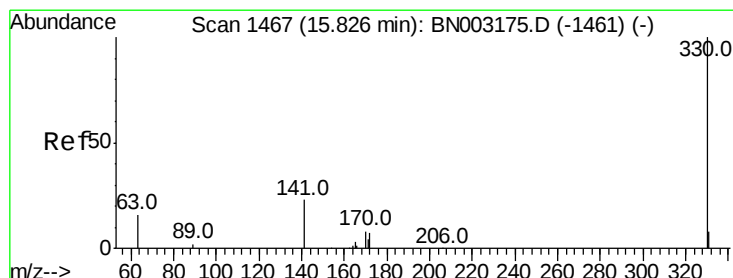
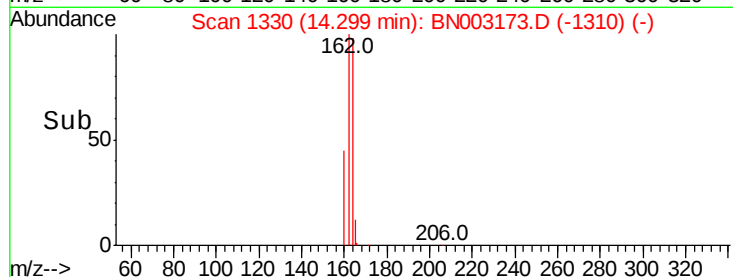
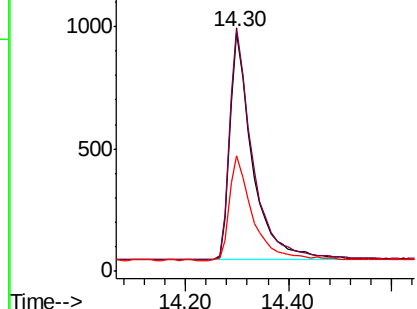
160 48.3 36.3 54.5



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: 0.137 ng

RT: 15.86 min Scan# 1470

Delta R.T. 0.03 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

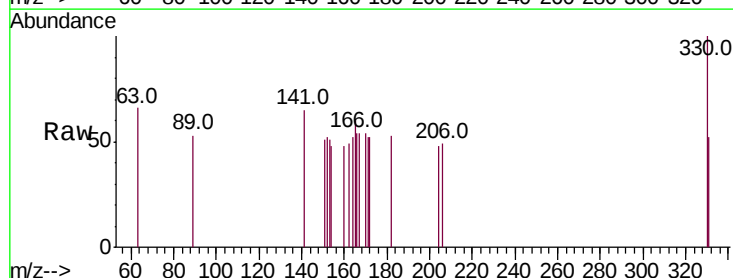
Tgt Ion:330 Resp: 201

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

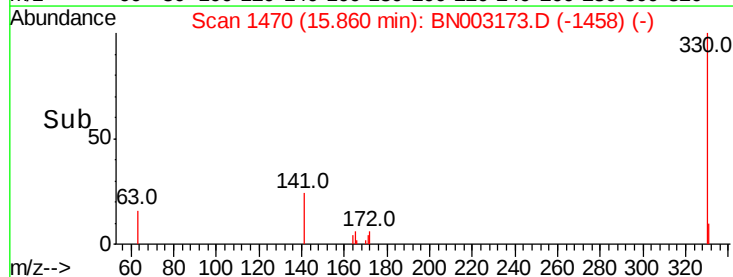
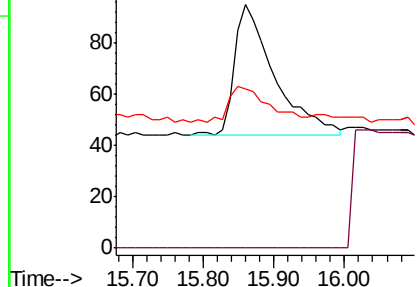
141 27.9 22.6 33.8

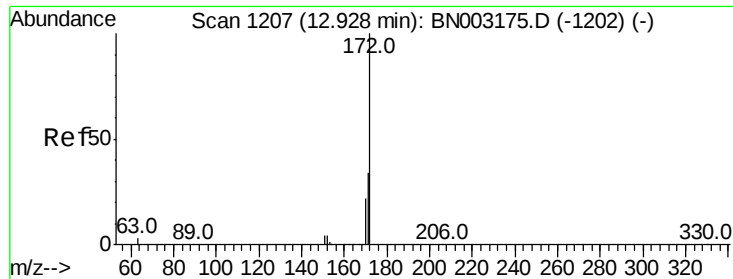


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

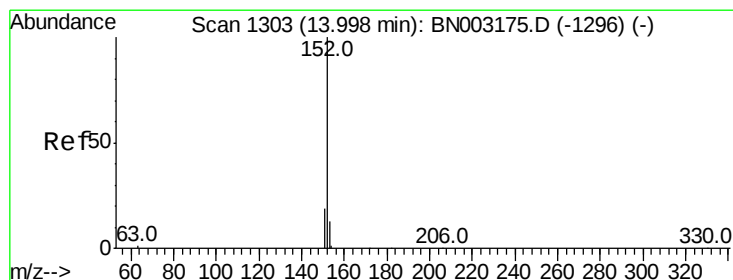
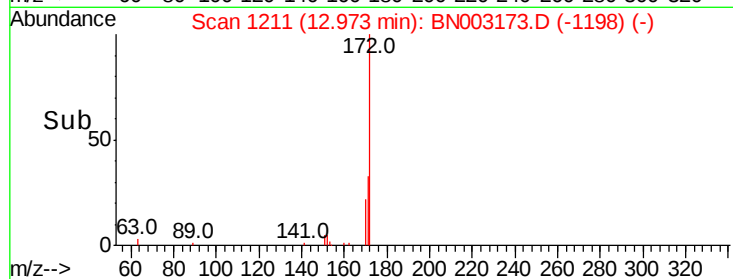
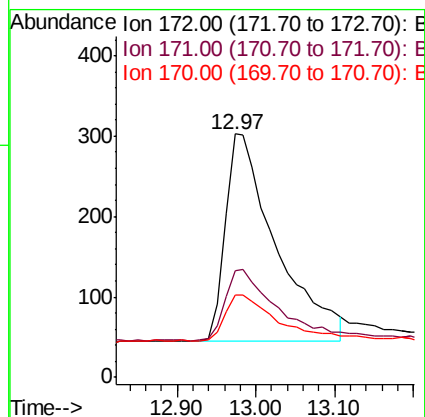
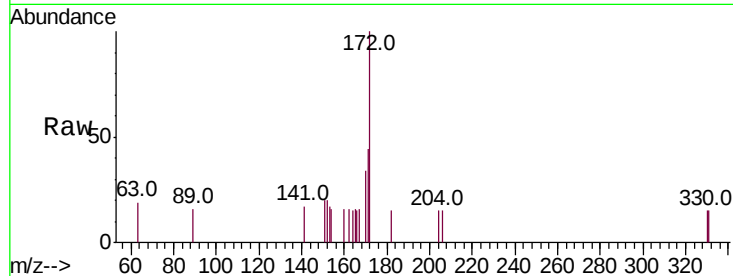




#15
2-Fluorobiphenyl
Concen: 0.112 ng
RT: 12.97 min Scan# 1211
Delta R.T. 0.04 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

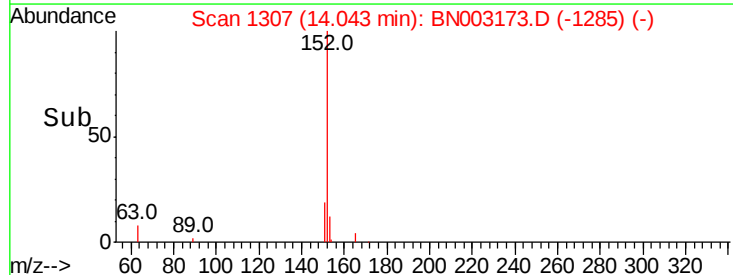
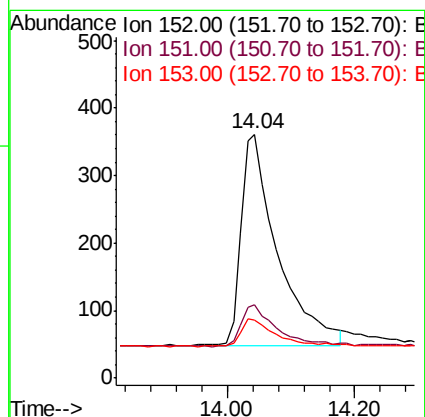
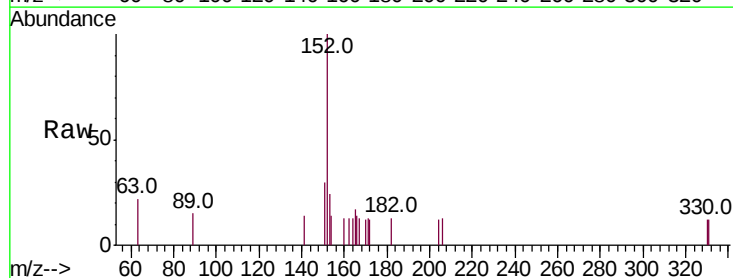
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

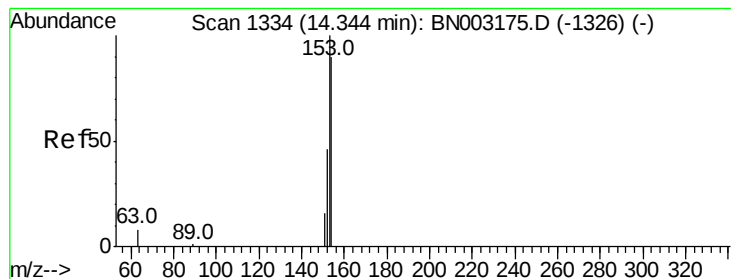
Tot Ion:172 Resp: 1158
Ion Ratio Lower Upper
172 100
171 43.9 28.6 43.0#
170 34.0 18.6 27.8#



#16
Acenaphthylene
Concen: 0.106 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.04 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

Tgt Ion:152 Resp: 1244
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.3 10.6 16.0





#17

Acenaphthene

Concen: 0.108 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

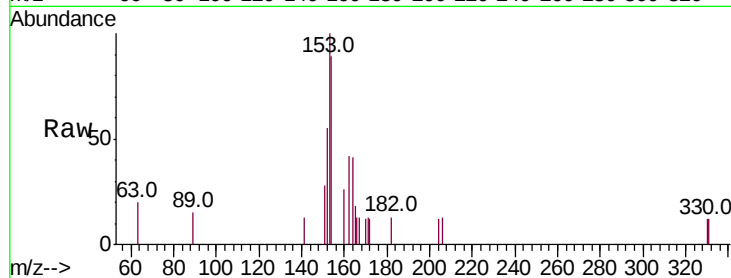
Tot Ion:154 Resp: 850

Ion Ratio Lower Upper

154 100

153 117.8 91.0 136.4

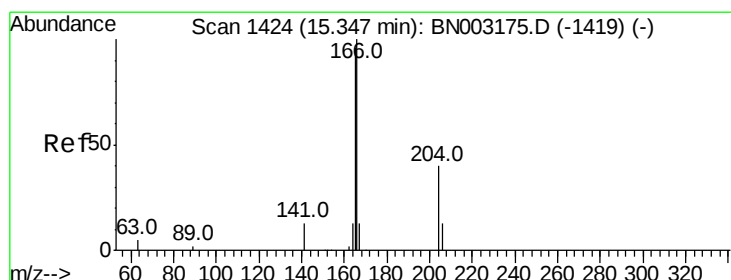
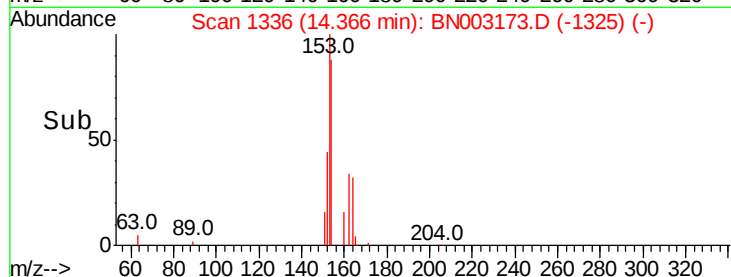
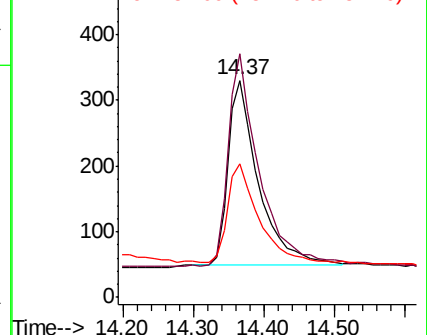
152 52.8 43.8 65.6



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: 0.113 ng

RT: 15.38 min Scan# 1427

Delta R.T. 0.03 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

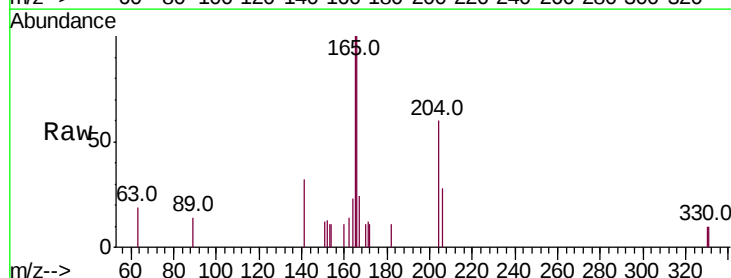
Tgt Ion:166 Resp: 1117

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.2

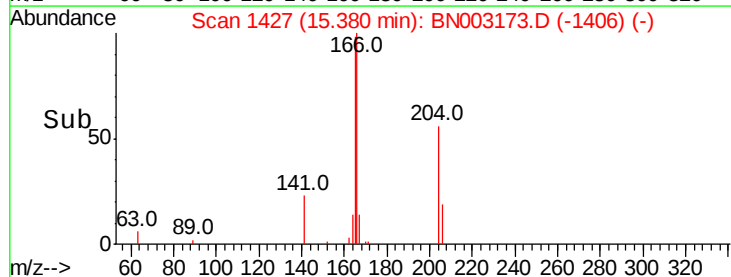
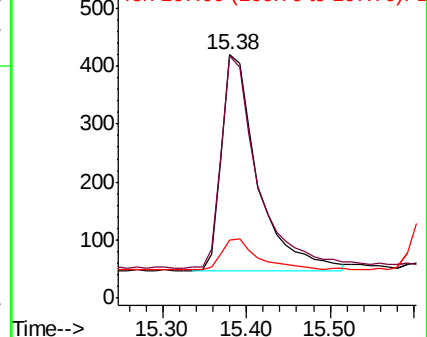
167 15.2 10.7 16.1

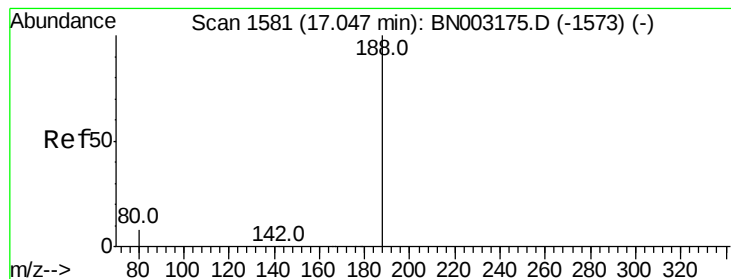


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

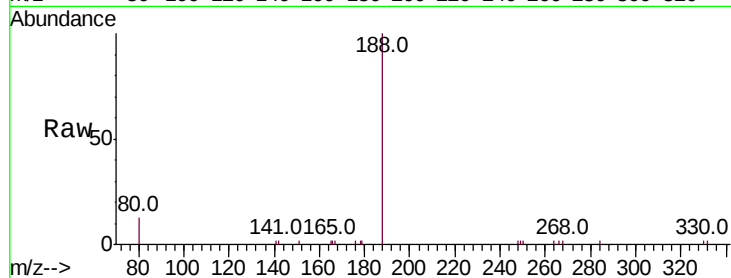
Tot Ion:188 Resp: 7340

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

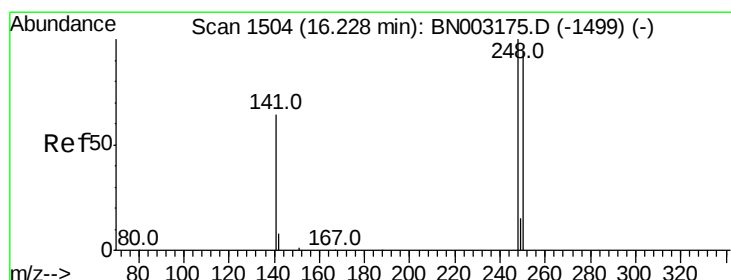
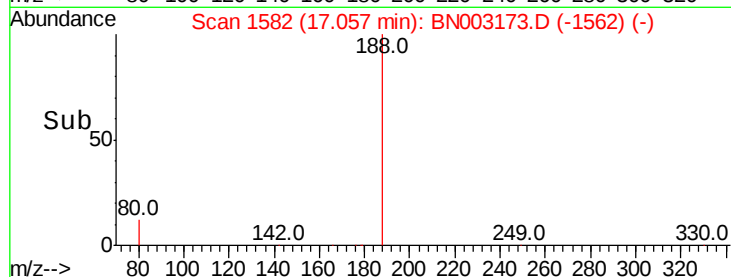
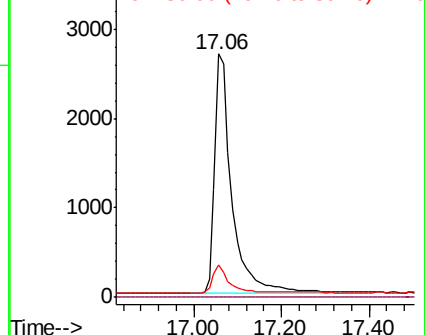
80 13.5 6.7 10.1#



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: 0.088 ng

RT: 16.26 min Scan# 1507

Delta R.T. 0.03 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

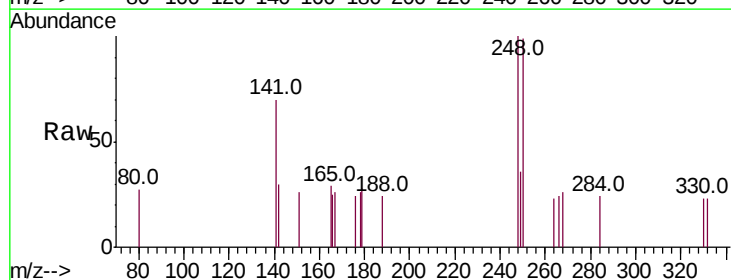
Tgt Ion:248 Resp: 354

Ion Ratio Lower Upper

248 100

250 99.5 78.9 118.3

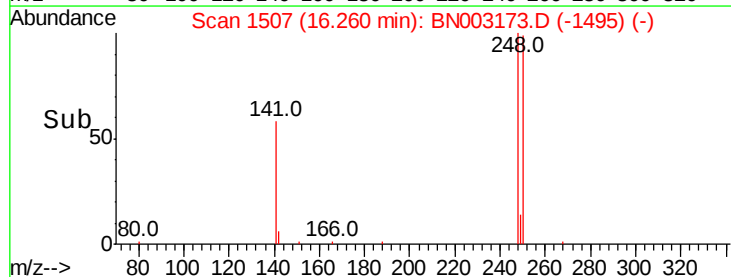
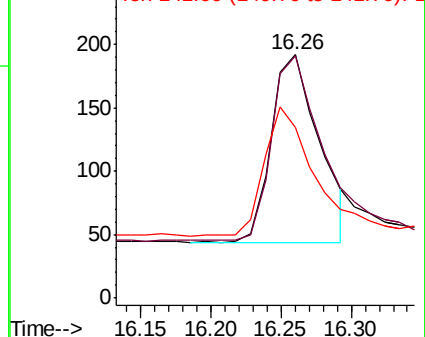
141 70.3 48.5 72.7

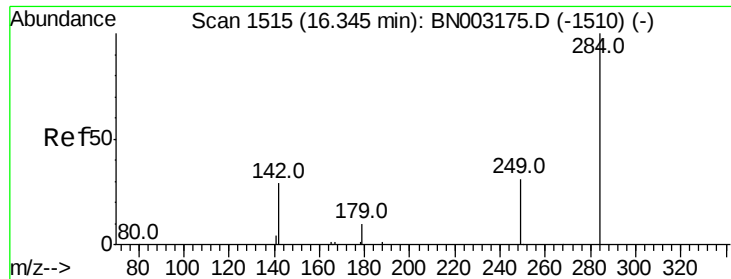


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

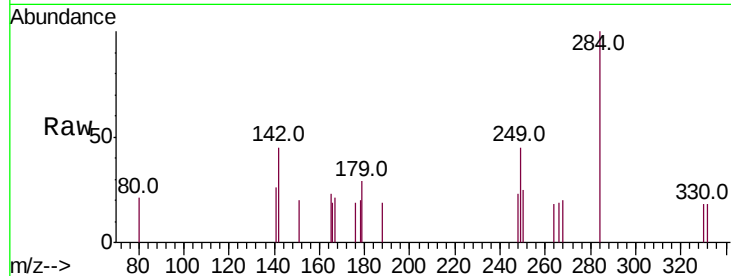




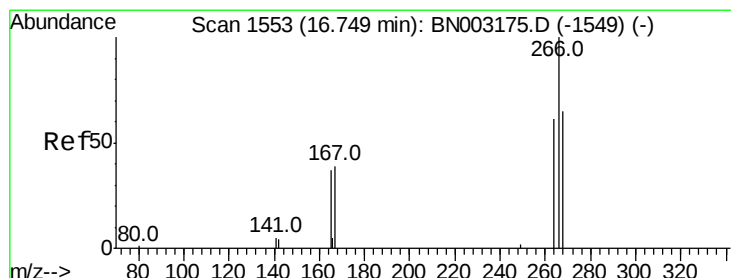
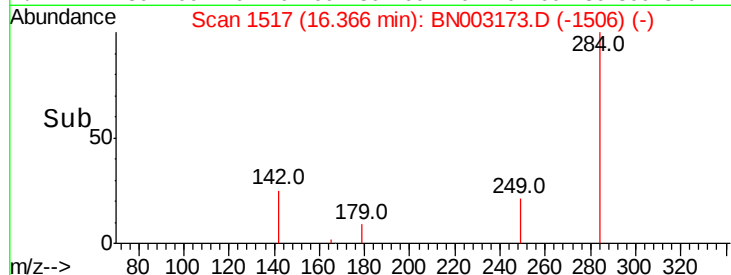
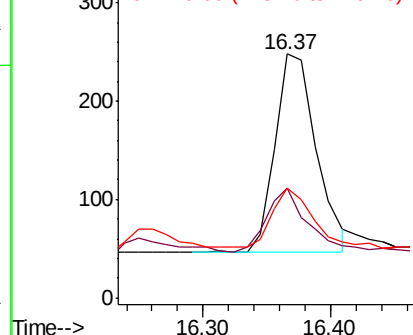
#21
Hexachlorobenzene
Concen: 0.103 ng
RT: 16.37 min Scan# 1517
Delta R.T. 0.02 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:	284	Resp:	445
Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.6	37.0
249	27.9	22.3	33.5

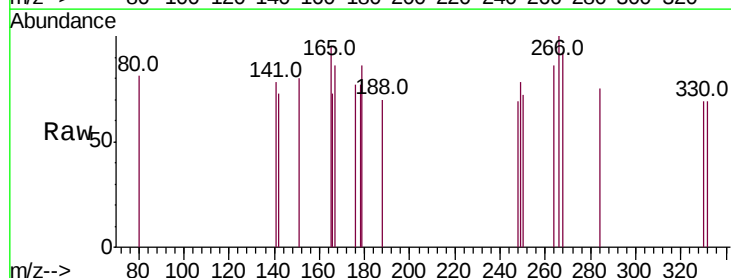


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

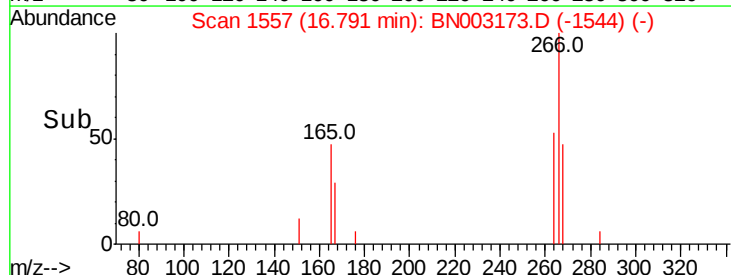
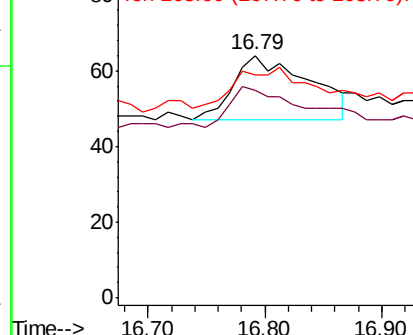


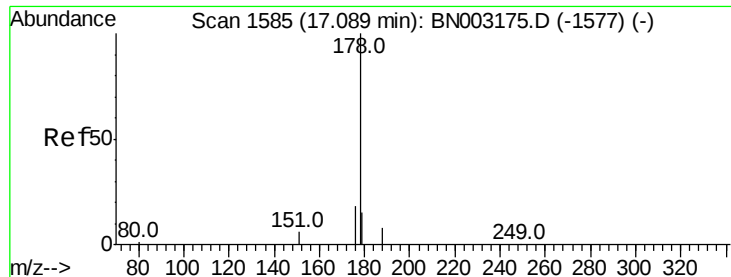
#22
Pentachlorophenol
Concen: 0.085 ng
RT: 16.79 min Scan# 1557
Delta R.T. 0.04 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

Tgt Ion:	266	Resp:	77
Ion	Ratio	Lower	Upper
266	100		
264	85.9	55.0	82.4#
268	92.2	60.6	91.0#



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: 0.107 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

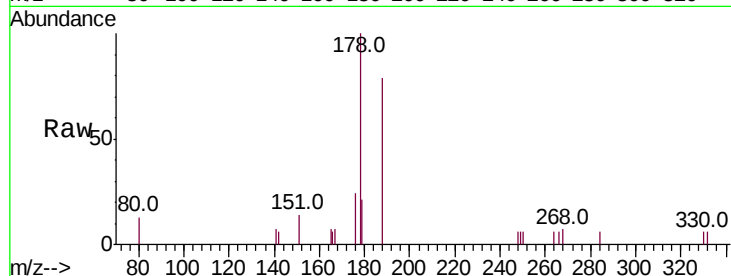
Tot Ion:178 Resp: 1950

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

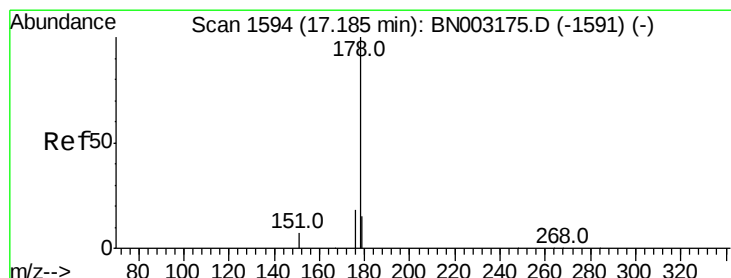
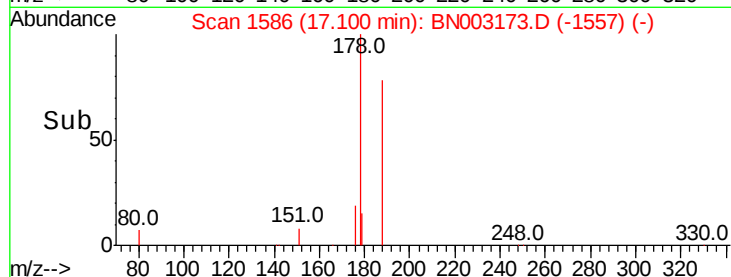
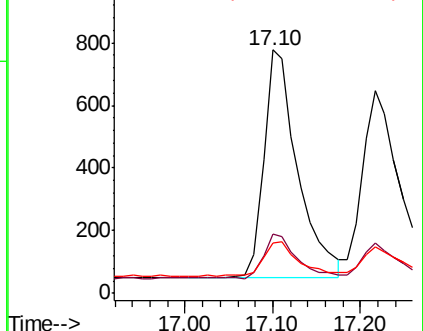
179 16.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.104 ng

RT: 17.22 min Scan# 1597

Delta R.T. 0.03 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

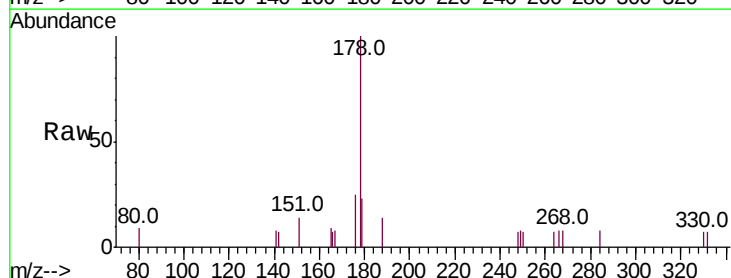
Tgt Ion:178 Resp: 1659

Ion Ratio Lower Upper

178 100

176 17.2 14.6 22.0

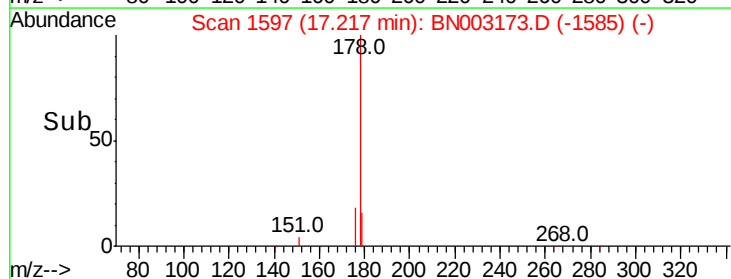
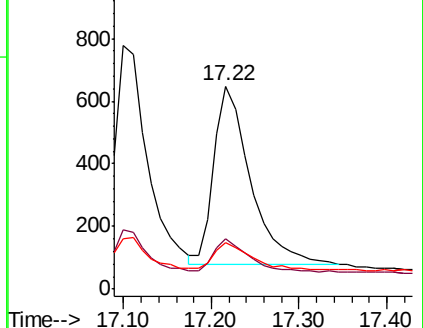
179 15.7 12.3 18.5

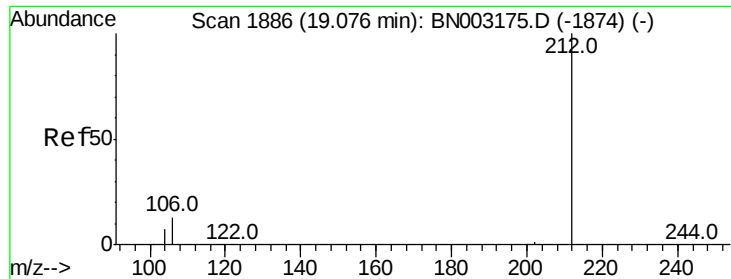


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

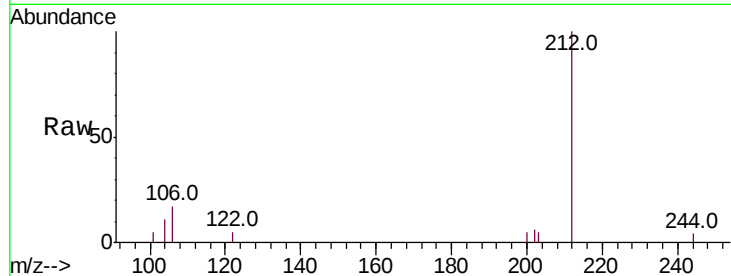




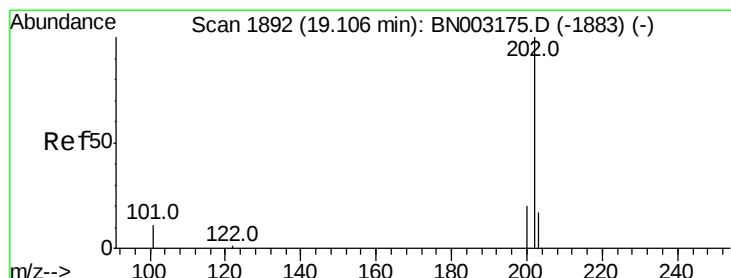
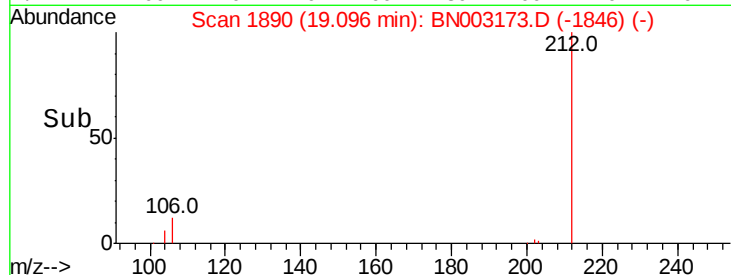
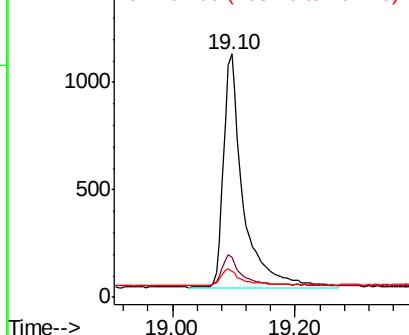
#25
Fluoranthene-d10
Concen: 0.127 ng
RT: 19.10 min Scan# 1890
Delta R.T. 0.02 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:212 Resp: 2415
Ion Ratio Lower Upper
212 100
106 13.4 10.2 15.4
104 7.4 5.8 8.6

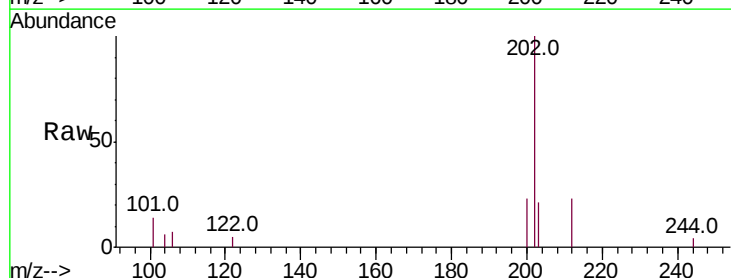


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

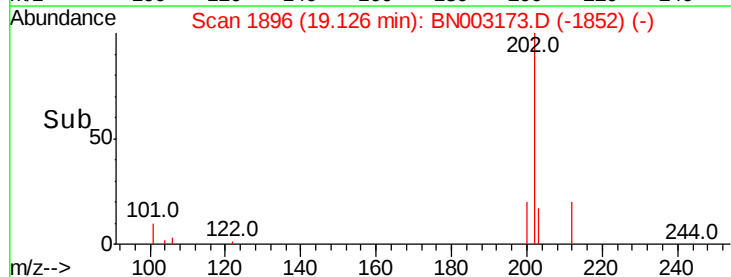
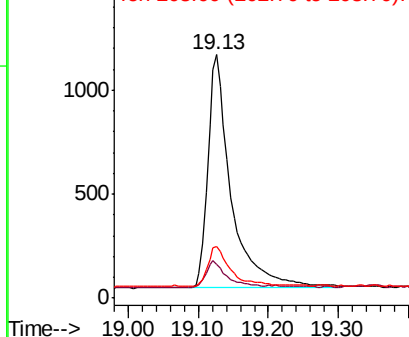


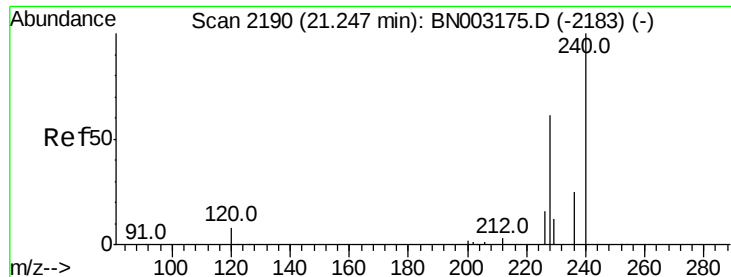
#26
Fluoranthene
Concen: 0.127 ng
RT: 19.13 min Scan# 1896
Delta R.T. 0.02 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

Tgt Ion:202 Resp: 2605
Ion Ratio Lower Upper
202 100
101 10.3 8.6 12.8
203 17.5 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: 21.25 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

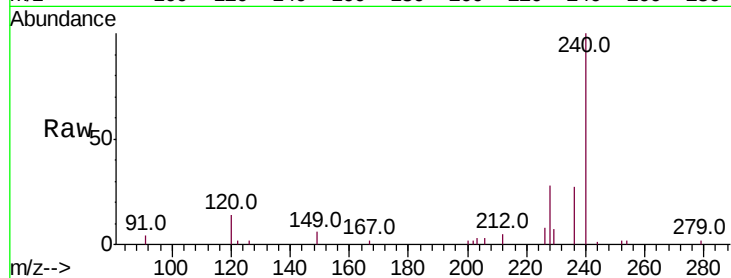
Tot Ion:240 Resp: 9454

Ion Ratio Lower Upper

240 100

120 14.0 7.8 11.8#

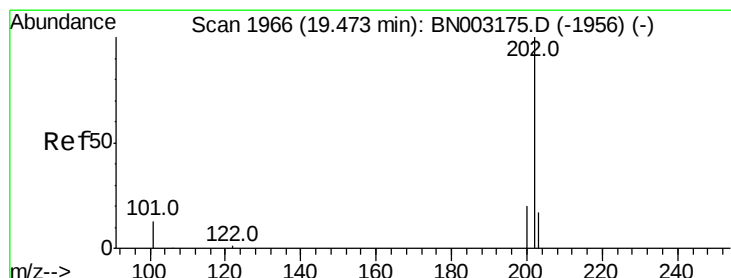
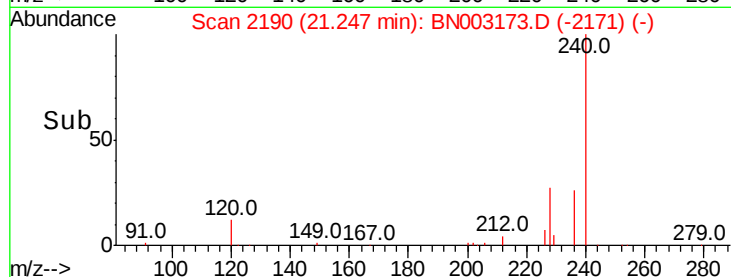
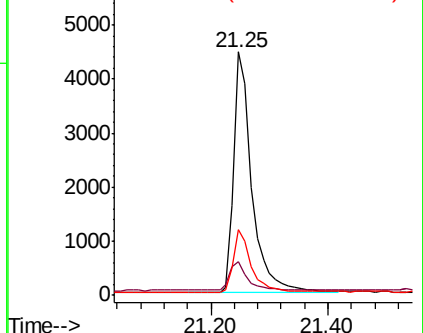
236 27.1 21.0 31.4



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: 0.100 ng

RT: 19.48 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

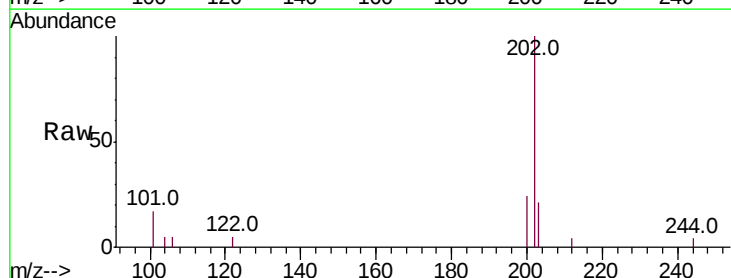
Tgt Ion:202 Resp: 2780

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

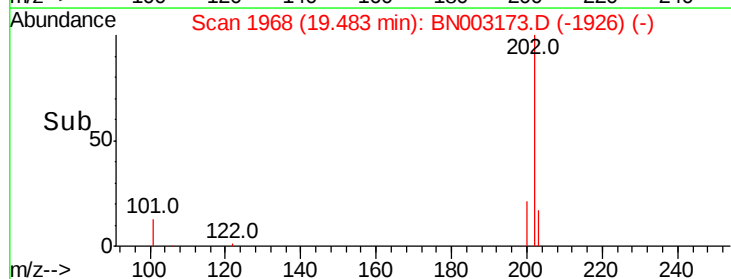
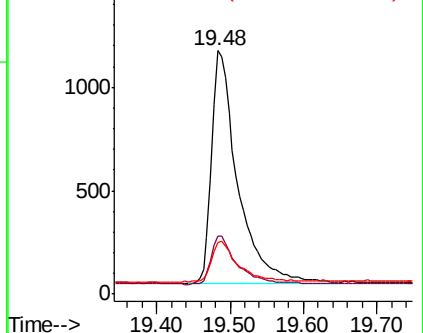
203 17.5 14.2 21.2

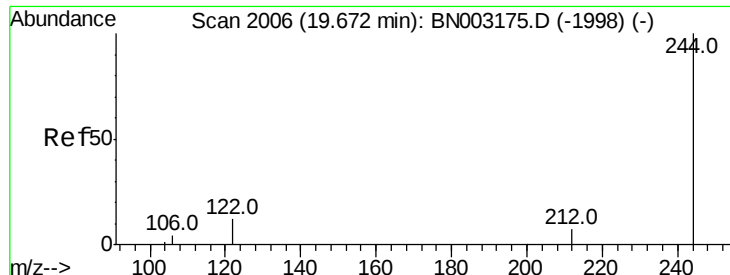


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.111 ng

RT: 19.69 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

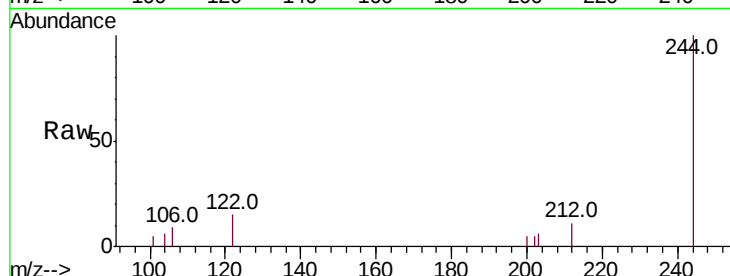
Tot Ion:244 Resp: 2324

Ion Ratio Lower Upper

244 100

212 10.7 6.2 9.4#

122 15.2 9.1 13.7#



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

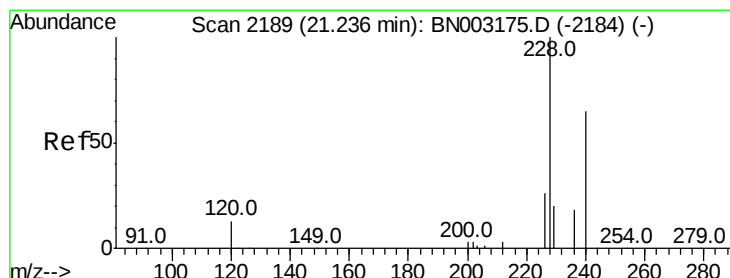
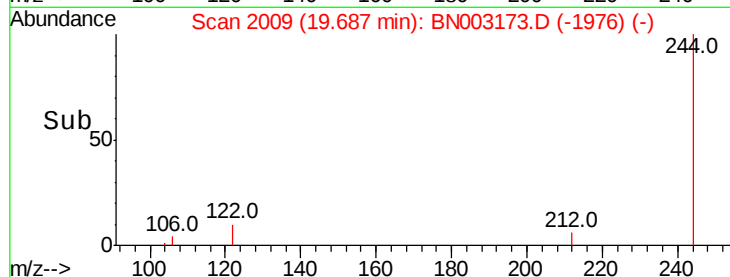
19.69

1000

500

0

Time-->



#30

Benzo(a)anthracene

Concen: 0.119 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

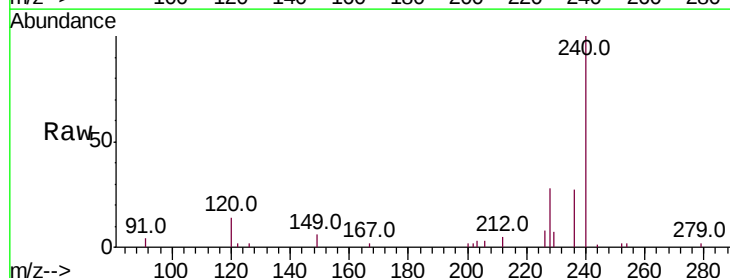
Tgt Ion:228 Resp: 2623

Ion Ratio Lower Upper

228 100

226 29.0 21.4 32.2

229 23.6 16.4 24.6



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

21.25

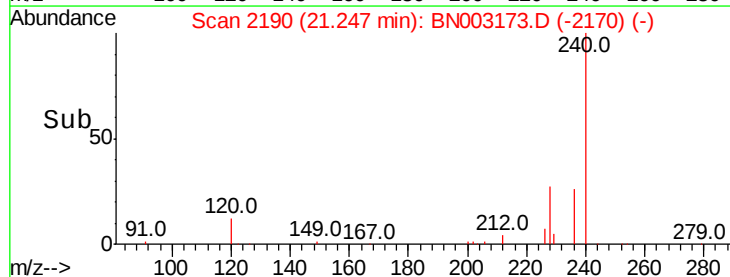
1500

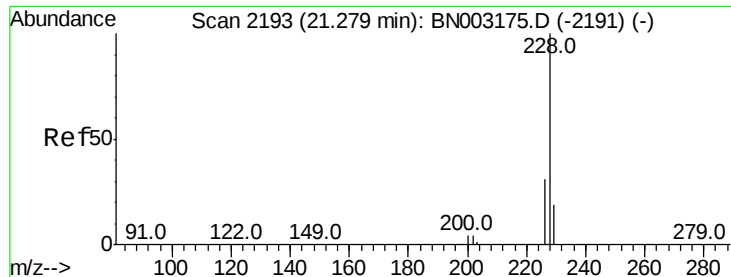
1000

500

0

Time-->





#31

Chrysene

Concen: 0.117 ng

RT: 21.29 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

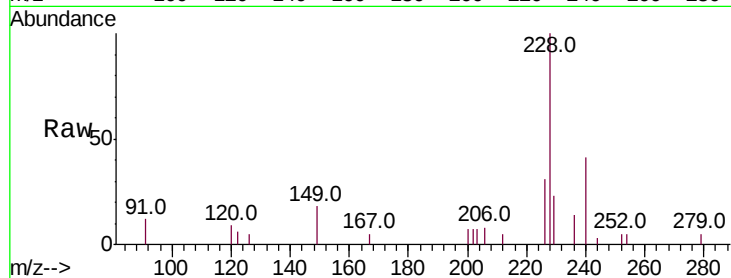
BNA_N

ClientSampleId :

SSTDIC0.1

Tot Ion:228 Resp: 3216

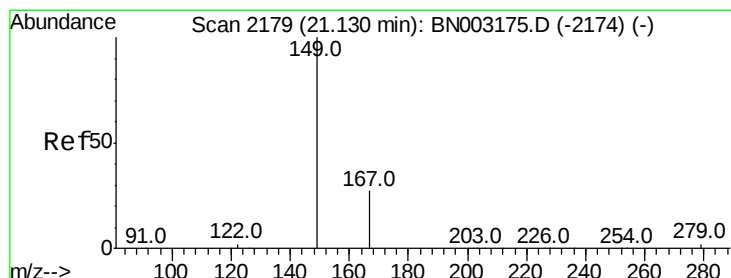
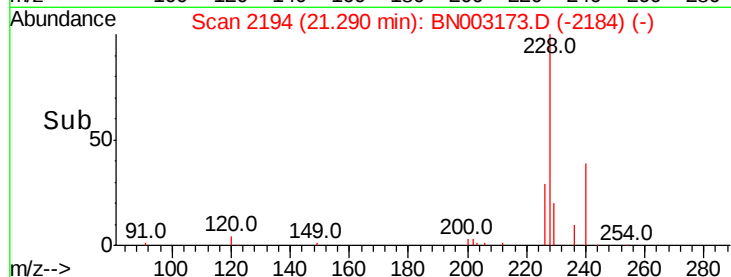
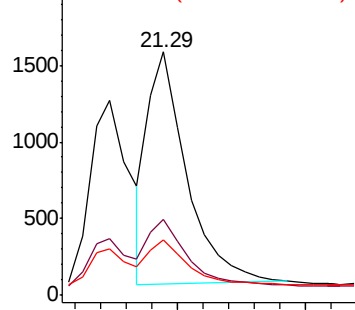
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.1	34.7
229	22.9	15.9	23.9



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: 0.148 ng

RT: 21.13 min Scan# 2179

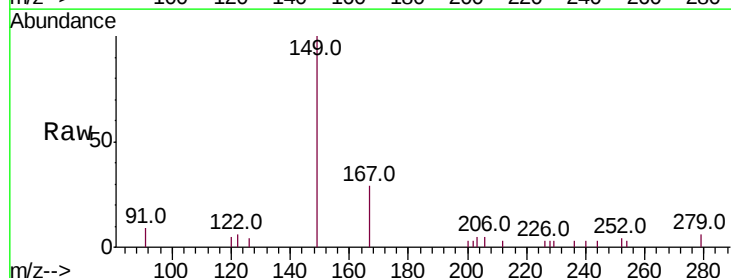
Delta R.T. 0.00 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Tgt Ion:149 Resp: 2198

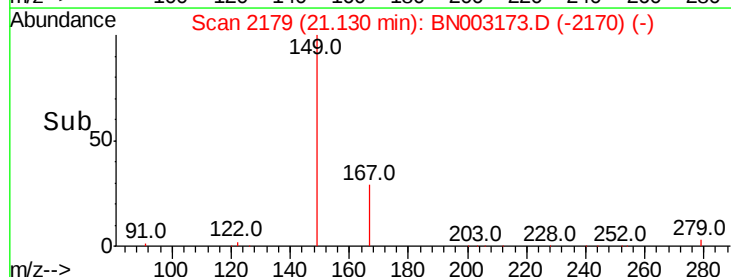
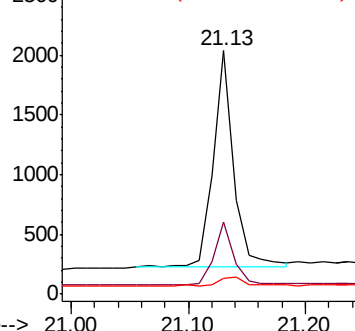
Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.2	33.4
279	6.2	3.7	5.5#

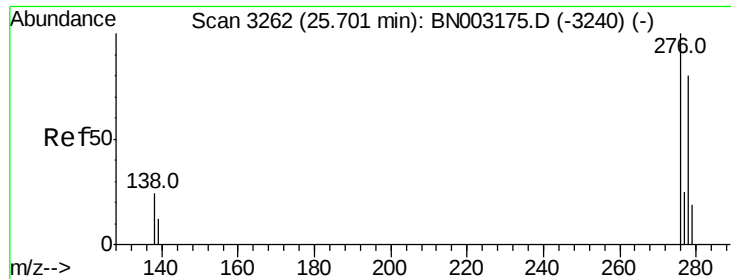


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

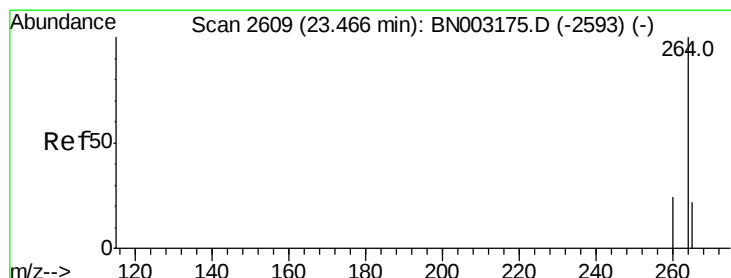
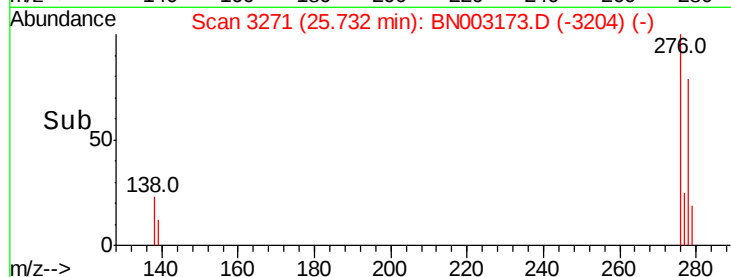
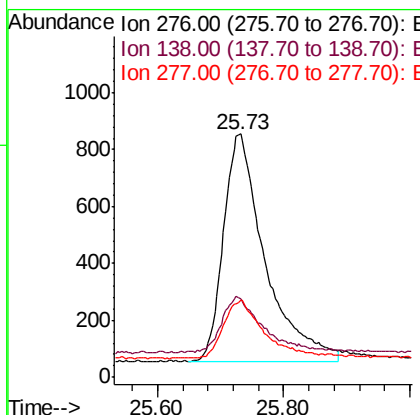
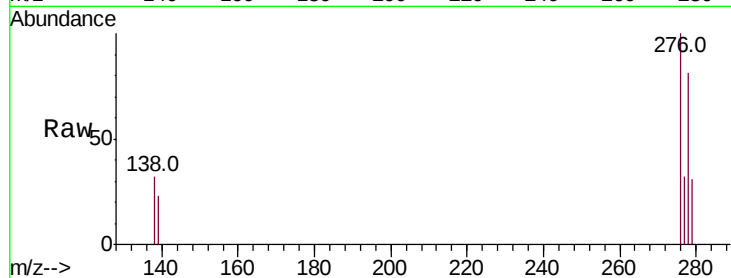




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.156 ng
 RT: 25.73 min Scan# 3271
 Delta R.T. 0.03 min
 Lab File: BN003173.D
 Acq: 17 Oct 2018 09:34

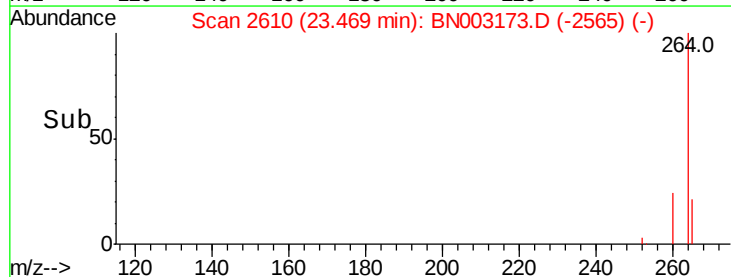
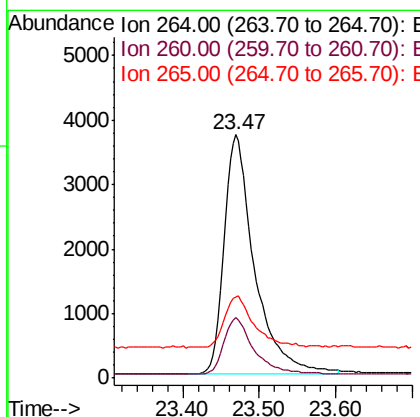
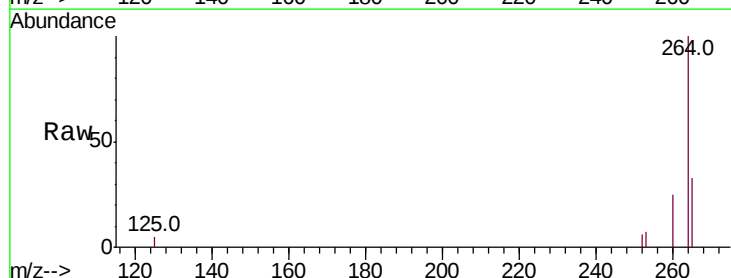
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

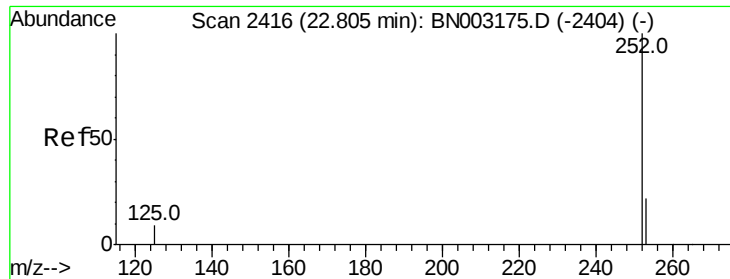
Tot Ion:276 Resp: 3644
 Ion Ratio Lower Upper
 276 100
 138 24.5 18.2 27.4
 277 24.5 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BN003173.D
 Acq: 17 Oct 2018 09:34

Tgt Ion:264 Resp: 10326
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 33.4 27.6 41.4

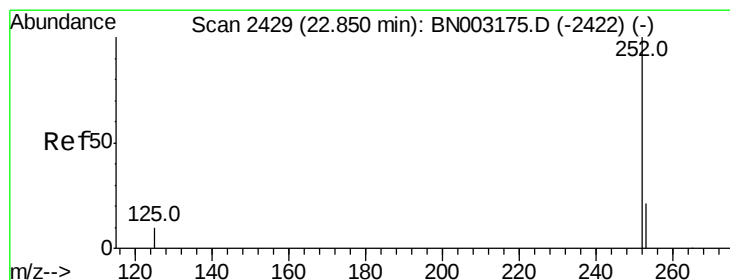
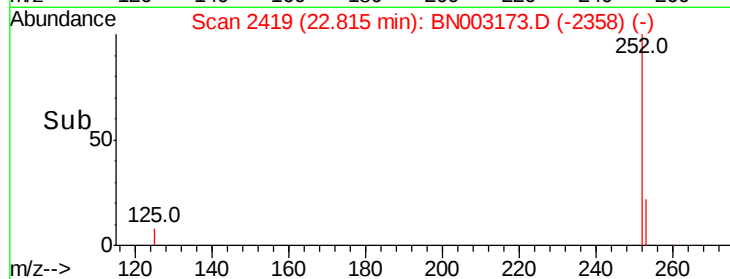
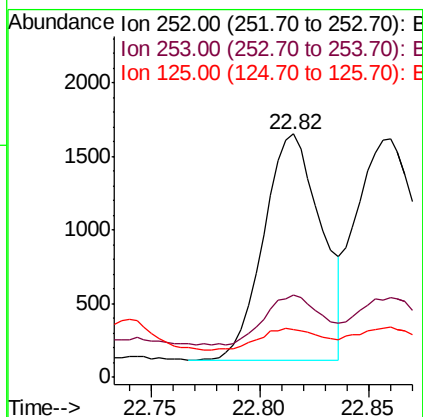
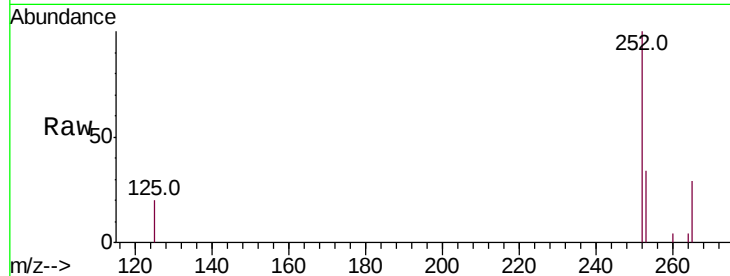




#35
Benzo(b)fluoranthene
Concen: 0.099 ng
RT: 22.82 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

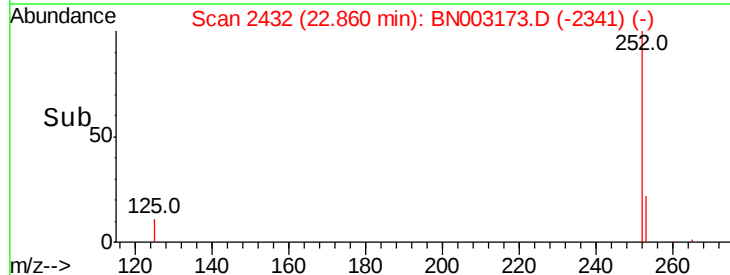
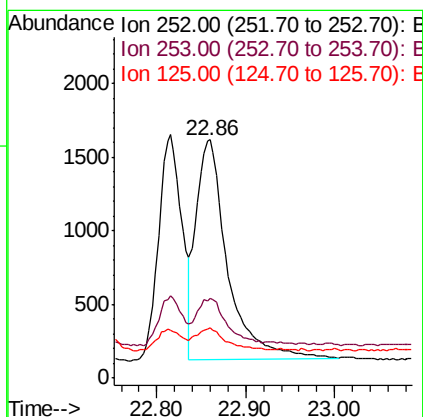
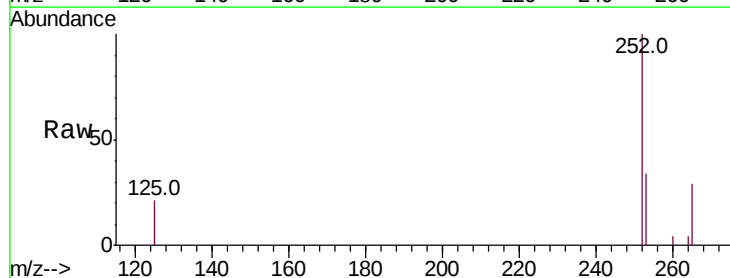
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

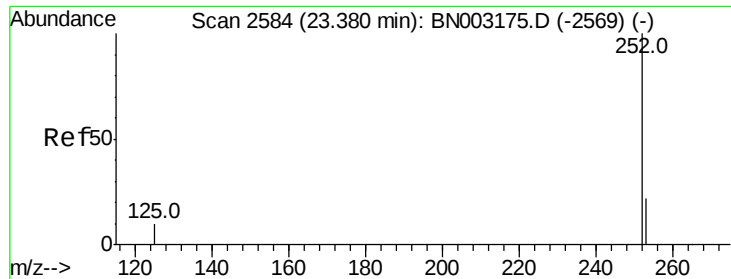
Tot Ion:252 Resp: 2843
Ion Ratio Lower Upper
252 100
253 33.7 20.8 31.2#
125 19.5 9.6 14.4#



#36
Benzo(k)fluoranthene
Concen: 0.117 ng
RT: 22.86 min Scan# 2432
Delta R.T. 0.01 min
Lab File: BN003173.D
Acq: 17 Oct 2018 09:34

Tgt Ion:252 Resp: 3688
Ion Ratio Lower Upper
252 100
253 33.7 20.5 30.7#
125 21.4 9.4 14.0#





#37

Benzo(a)pyrene

Concen: 0.114 ng

RT: 23.39 min Scan# 2586

Delta R.T. 0.01 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

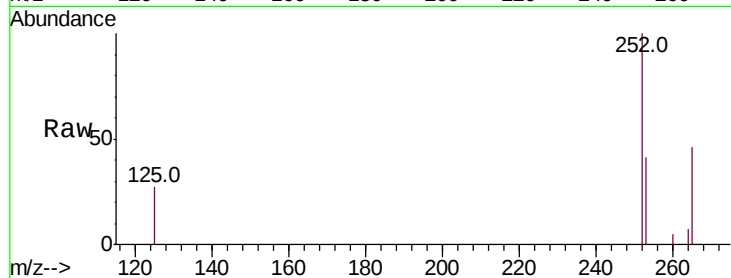
Tot Ion:252 Resp: 3051

Ion Ratio Lower Upper

252 100

253 40.7 22.4 33.6#

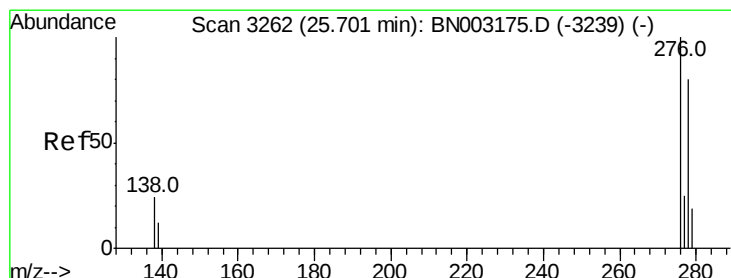
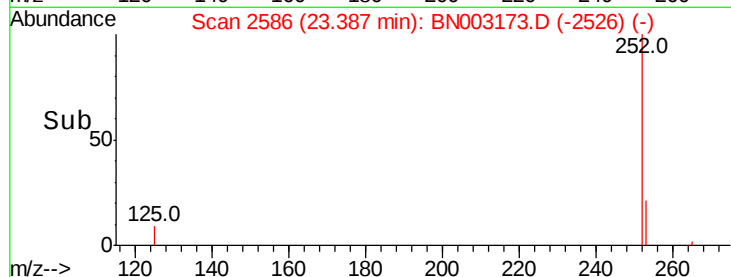
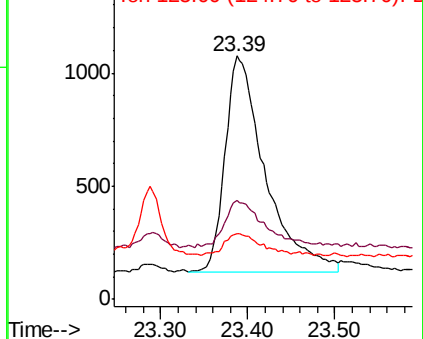
125 26.8 11.4 17.0#



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: 0.125 ng

RT: 25.72 min Scan# 3269

Delta R.T. 0.02 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

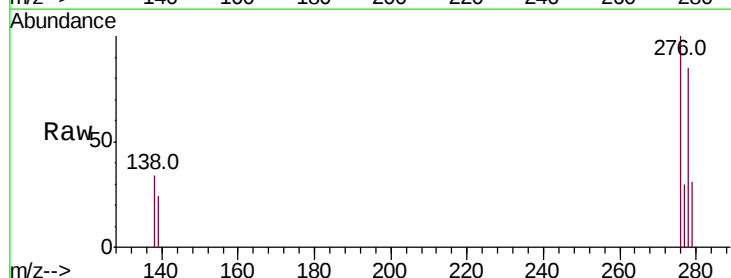
Tgt Ion:278 Resp: 3054

Ion Ratio Lower Upper

278 100

139 28.8 14.6 21.8#

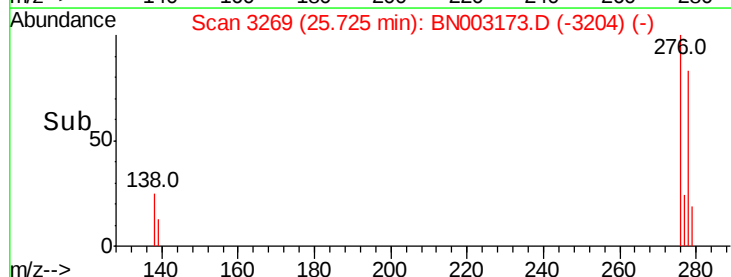
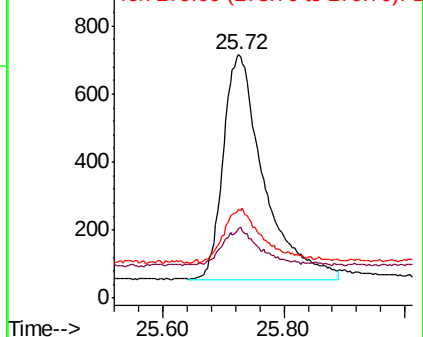
279 36.5 23.1 34.7#

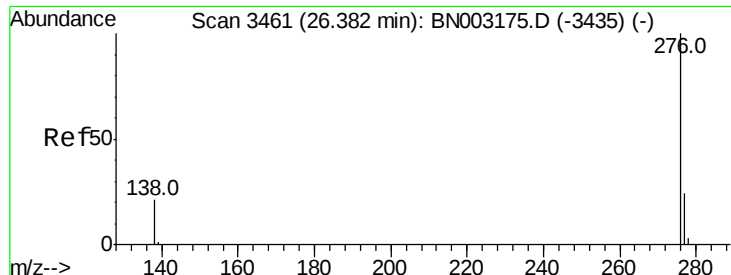


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.126 ng

RT: 26.40 min Scan# 3467

Delta R.T. 0.02 min

Lab File: BN003173.D

Acq: 17 Oct 2018 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

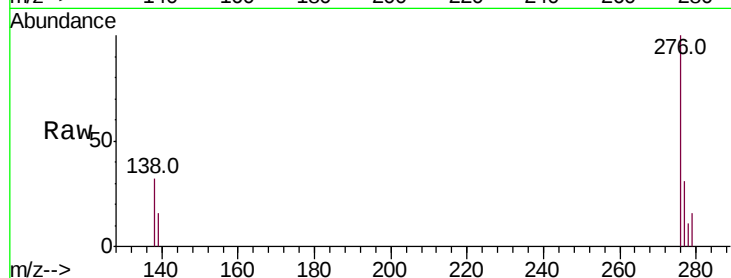
Tot Ion:276 Resp: 3145

Ion Ratio Lower Upper

276 100

277 30.7 21.0 31.4

138 32.2 18.1 27.1#



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

800

600

400

200

0

26.20

26.40

26.60

Time-->

