

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003176.D
 Acq On : 17 Oct 2018 11:26
 Operator : MJ/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Oct 17 12:00:08 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 11:36:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1252	0.40	ng	0.00
7) Naphthalene-d8	10.42	136	5266	0.40	ng	-0.01
13) Acenaphthene-d10	14.27	164	3451	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	8708	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	10624	0.40	ng	0.00
34) Perylene-d12	23.47	264	11307	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	2247	0.74	ng	-0.02
5) Phenol-d6	6.88	99	2905	0.75	ng	-0.06
8) Nitrobenzene-d5	8.83	82	2801	0.86	ng	-0.04
11) 2-Methylnaphthalene-d10	12.02	152	6961	0.90	ng	-0.03
14) 2,4,6-Tribromophenol	15.80	330	1707	0.96	ng	-0.02
15) 2-Fluorobiphenyl	12.89	172	10847	0.87	ng	-0.03
25) Fluoranthene-d10	19.07	212	20881	0.93	ng	0.00
29) Terphenyl-d14	19.67	244	17947	0.76	ng	0.00

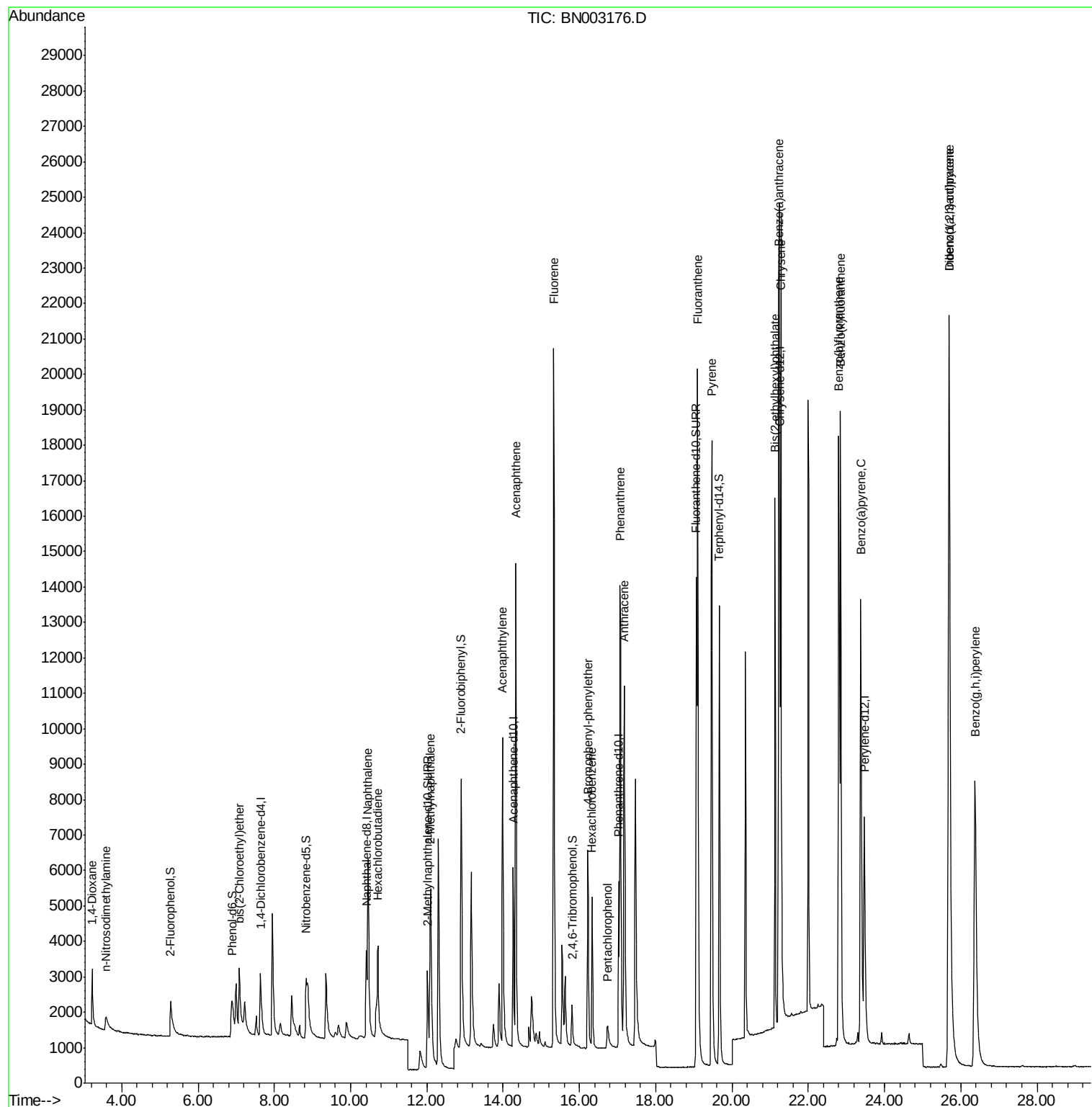
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1323	0.950	ng	97
3) n-Nitrosodimethylamine	3.59	42	587	0.836	ng	# 90
6) bis(2-Chloroethyl)ether	7.08	93	2957	0.853	ng	96
9) Naphthalene	10.45	128	10202	0.851	ng	100
10) Hexachlorobutadiene	10.72	225	1978	0.834	ng	# 98
12) 2-Methylnaphthalene	12.09	142	7153	0.871	ng	98
16) Acenaphthylene	13.99	152	12290	0.861	ng	100
17) Acenaphthene	14.33	154	8373	0.874	ng	99
18) Fluorene	15.32	166	10914	0.911	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	3815	0.803	ng	98
21) Hexachlorobenzene	16.33	284	4235	0.829	ng	99
22) Pentachlorophenol	16.74	266	776	0.724	ng	95
23) Phenanthrene	17.07	178	18112	0.841	ng	100
24) Anthracene	17.17	178	16711	0.880	ng	99
26) Fluoranthene	19.10	202	22641	0.927	ng	99
28) Pyrene	19.47	202	23666	0.760	ng	100
30) Benzo(a)anthracene	21.23	228	23204	0.934	ng	99
31) Chrysene	21.28	228	25318	0.817	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	13417	0.804	ng	99
33) Indeno(1,2,3-cd)pyrene	25.69	276	30117	1.145	ng	98
35) Benzo(b)fluoranthene	22.80	252	24368	0.771	ng	95
36) Benzo(k)fluoranthene	22.85	252	27839	0.806	ng	96
37) Benzo(a)pyrene	23.38	252	24635	0.839	ng	93
38) Dibenzo(a,h)anthracene	25.69	278	25127	0.942	ng	94
39) Benzo(g,h,i)perylene	26.38	276	25213	0.923	ng	97

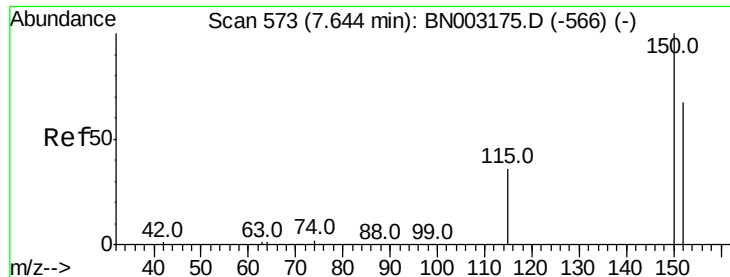
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 17 11:36:14 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 572

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

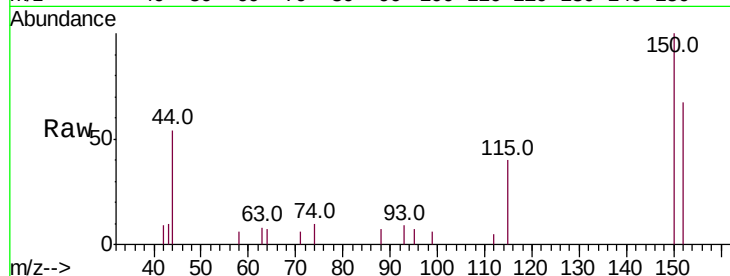
Tot Ion:152 Resp: 1252

Ion Ratio Lower Upper

152 100

150 148.9 126.2 189.4

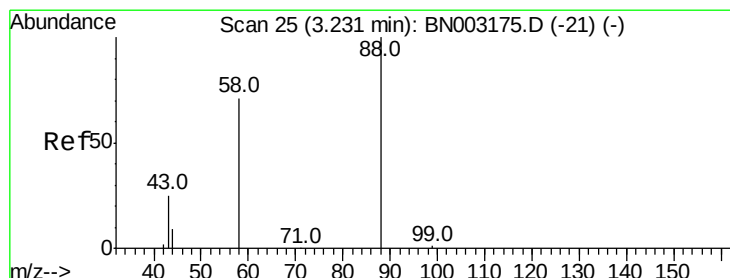
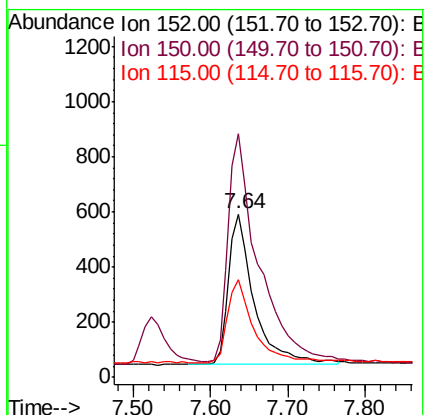
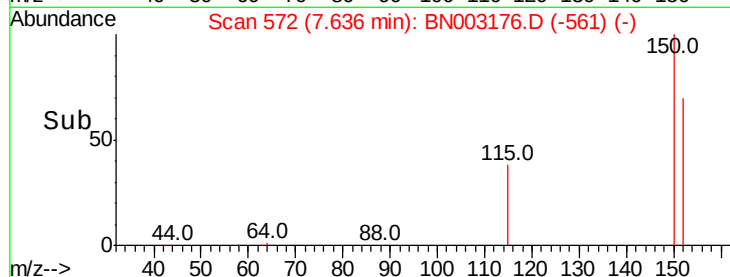
115 59.9 49.8 74.6



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: 0.950 ng

RT: 3.23 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

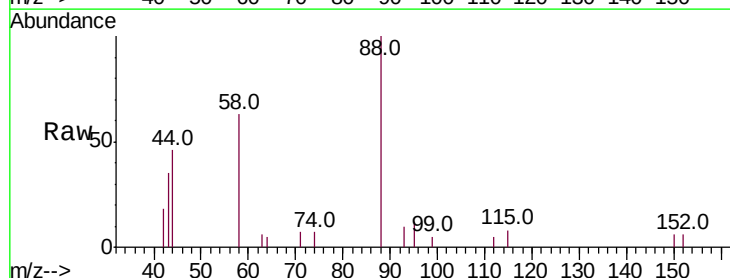
Tgt Ion: 88 Resp: 1323

Ion Ratio Lower Upper

88 100

58 80.9 66.7 100.1

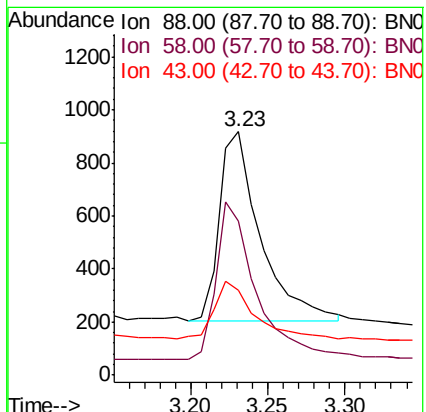
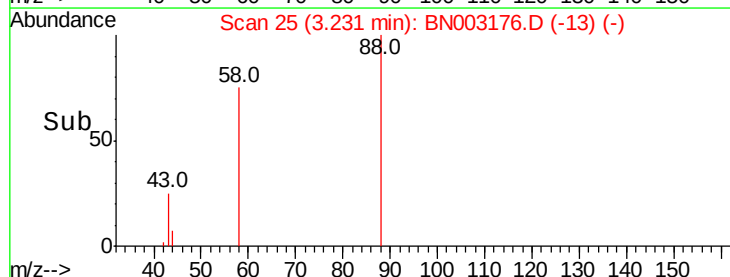
43 29.3 24.6 37.0

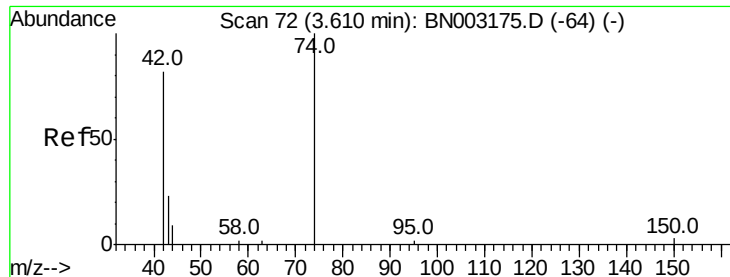


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



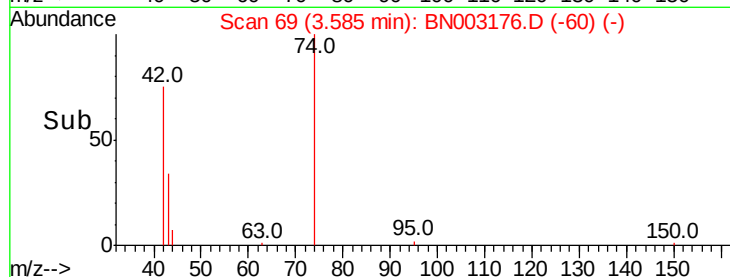
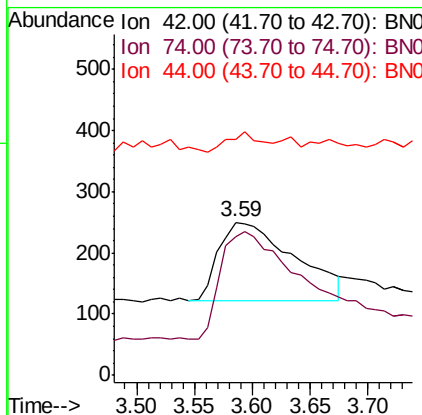
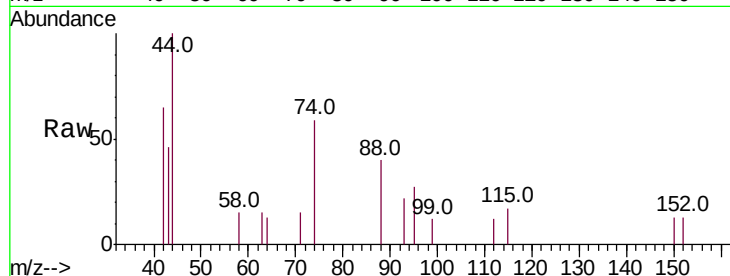


#3

n-Nitrosodimethylamine
 Concen: 0.836 ng
 RT: 3.59 min Scan# 69
 Delta R.T. -0.02 min
 Lab File: BN003176.D
 Acq: 17 Oct 2018 11:26

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

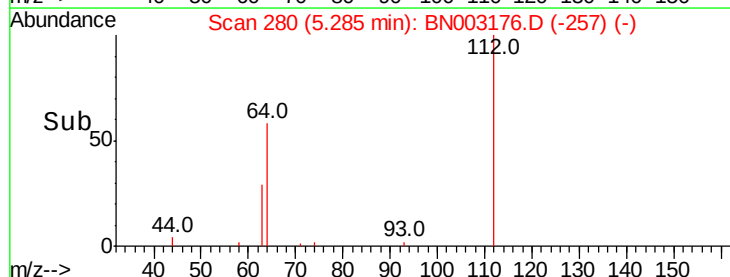
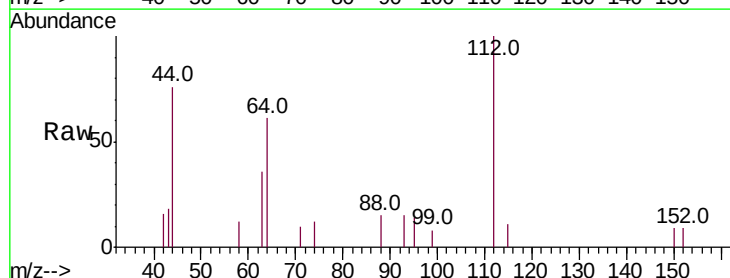
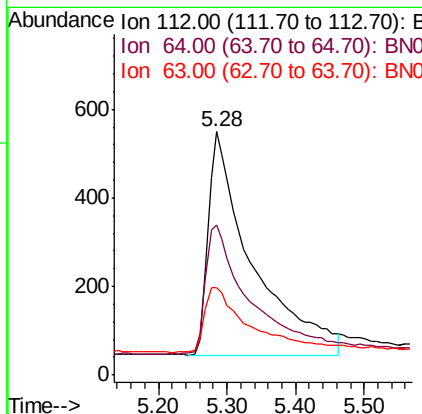
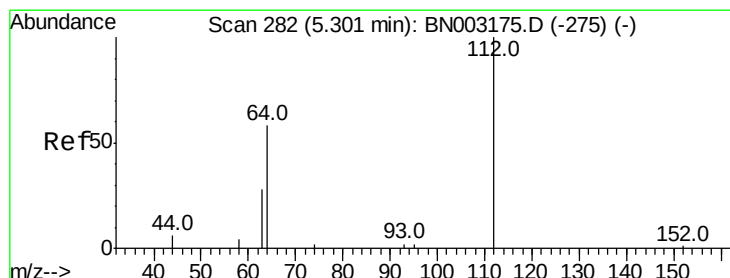
Tot Ion: 42 Resp: 587
 Ion Ratio Lower Upper
 42 100
 74 140.0 102.9 154.3
 44 10.7 0.0 0.0#

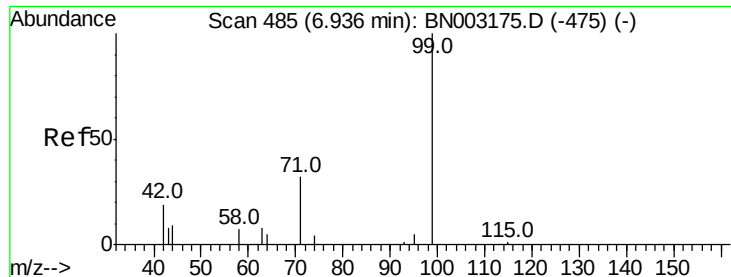


#4

2-Fluorophenol
 Concen: 0.735 ng
 RT: 5.28 min Scan# 280
 Delta R.T. -0.02 min
 Lab File: BN003176.D
 Acq: 17 Oct 2018 11:26

Tgt Ion: 112 Resp: 2247
 Ion Ratio Lower Upper
 112 100
 64 60.2 49.0 73.4
 63 30.6 25.9 38.9





#5

Phenol-d6

Concen: 0.747 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.06 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

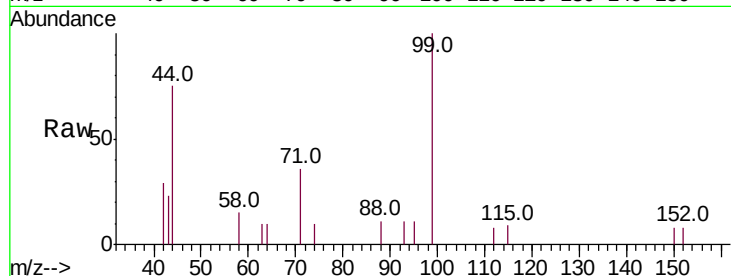
Tot Ion: 99 Resp: 2905

Ion Ratio Lower Upper

99 100

42 14.4 15.4 23.2#

71 29.9 26.0 39.0

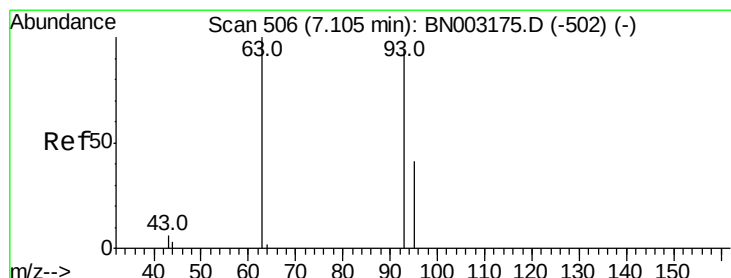
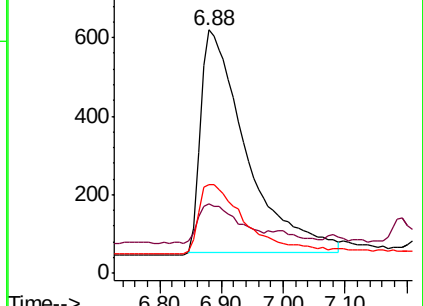
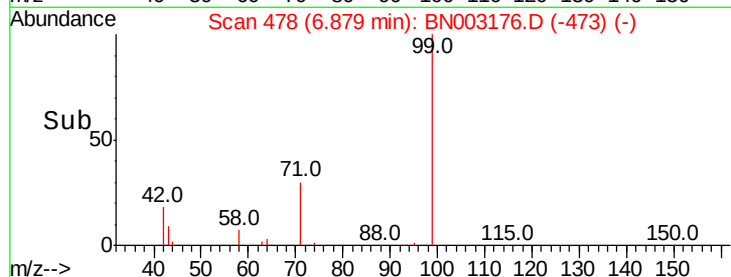


Abundance Ion 99.00 (98.70 to 99.70): BN003175.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN003175.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN003175.D (-475) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.853 ng

RT: 7.08 min Scan# 503

Delta R.T. -0.02 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

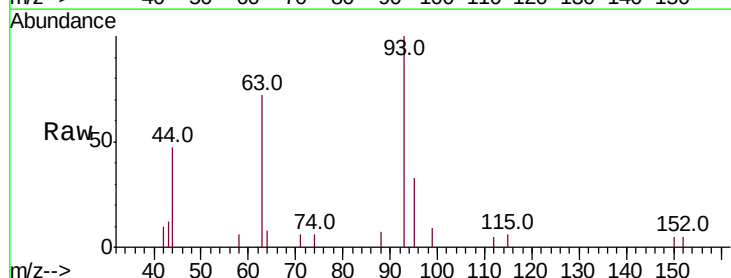
Tgt Ion: 93 Resp: 2957

Ion Ratio Lower Upper

93 100

63 63.9 54.2 81.4

95 29.2 24.9 37.3

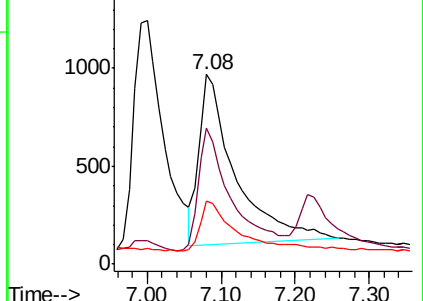
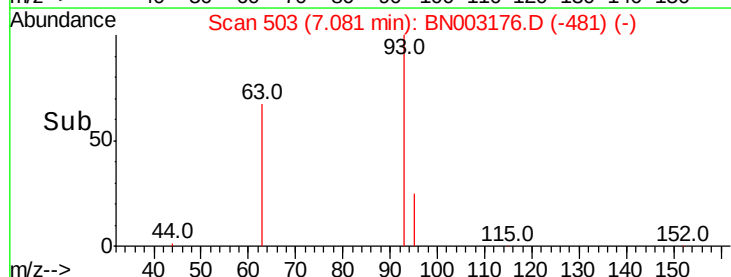


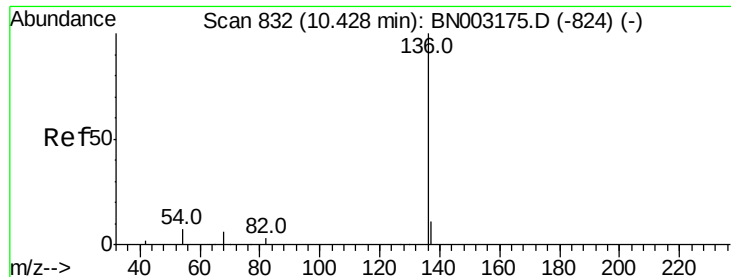
Abundance Ion 93.00 (92.70 to 93.70): BN003175.D (-502) (-)

Ion 63.00 (62.70 to 63.70): BN003175.D (-502) (-)

Ion 95.00 (94.70 to 95.70): BN003175.D (-502) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 5266

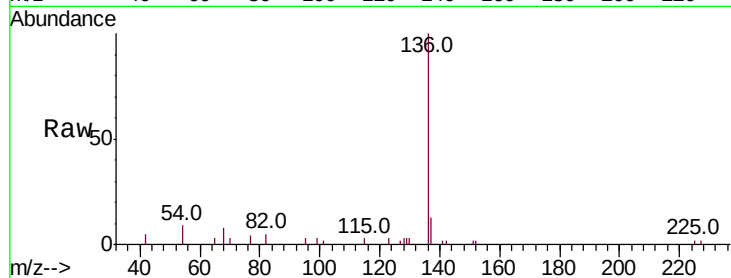
Ion Ratio Lower Upper

136 100

137 13.4 9.4 14.0

54 9.1 7.4 11.0

68 7.6 5.8 8.6

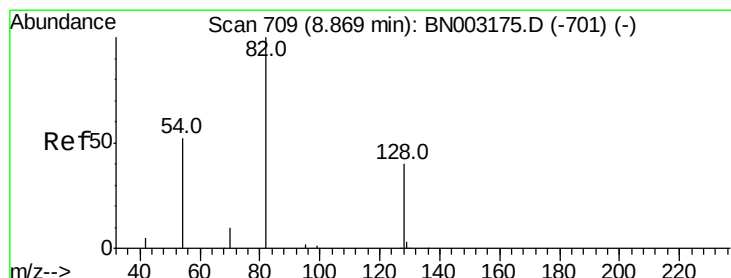
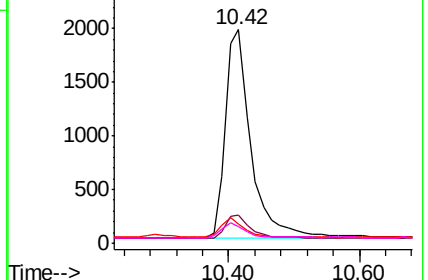
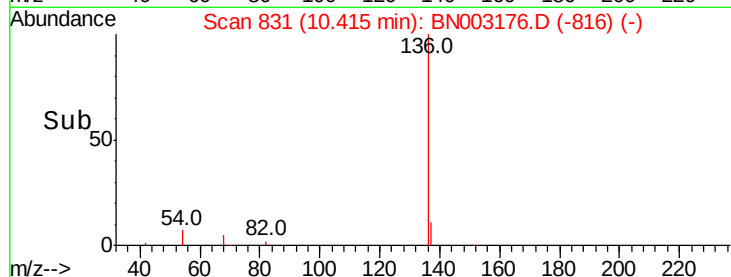


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.864 ng

RT: 8.83 min Scan# 706

Delta R.T. -0.04 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

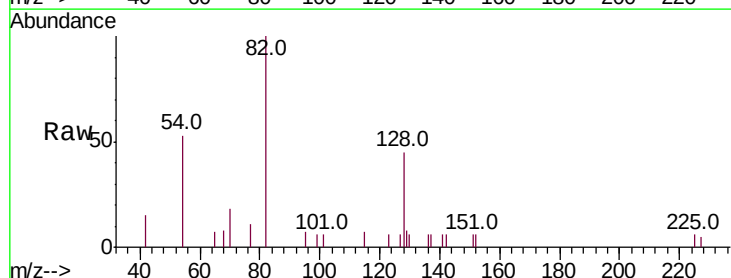
Tgt Ion: 82 Resp: 2801

Ion Ratio Lower Upper

82 100

128 45.3 38.2 57.4

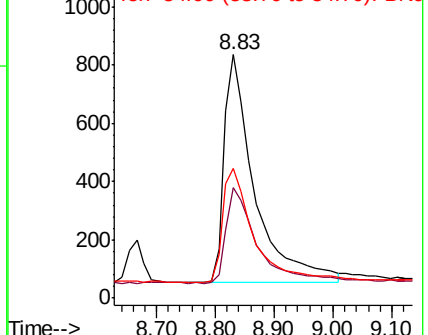
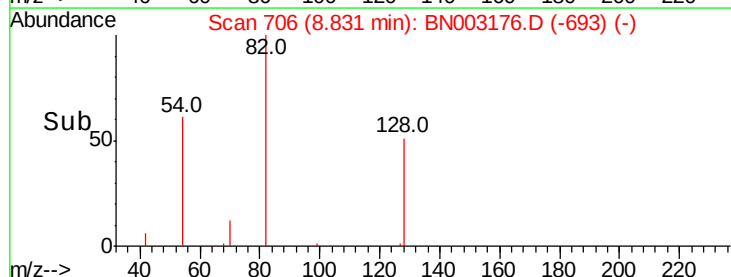
54 53.1 44.1 66.1

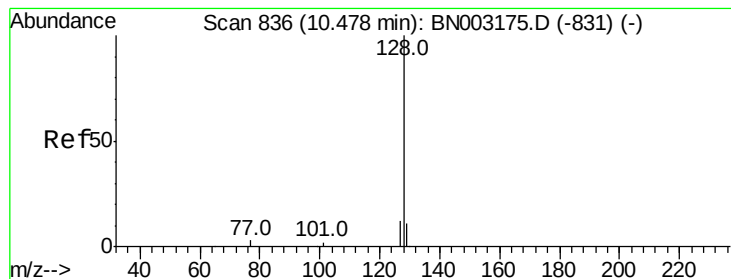


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.851 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.03 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

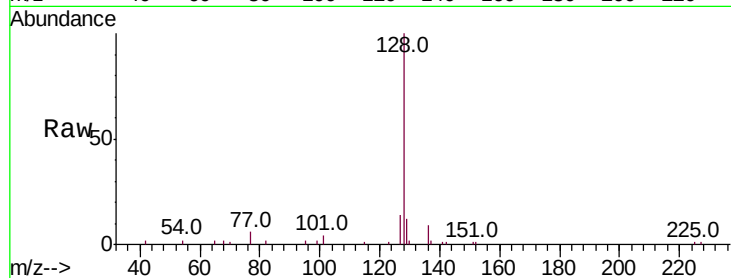
Tot Ion:128 Resp: 10202

Ion Ratio Lower Upper

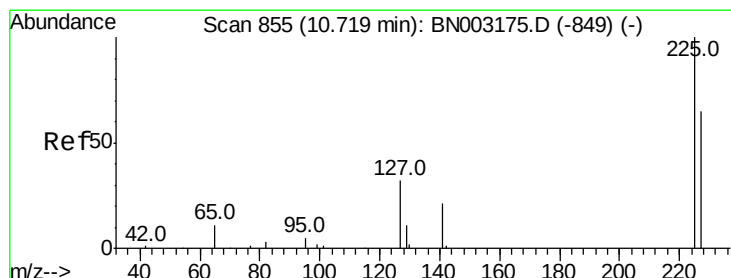
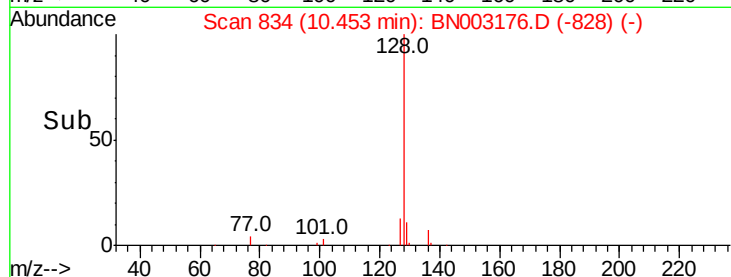
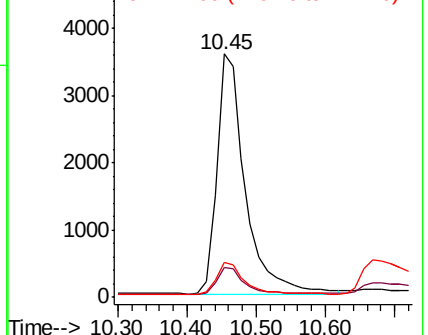
128 100

129 12.2 9.8 14.6

127 14.2 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

Hexachlorobutadiene

Concen: 0.834 ng

RT: 10.72 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

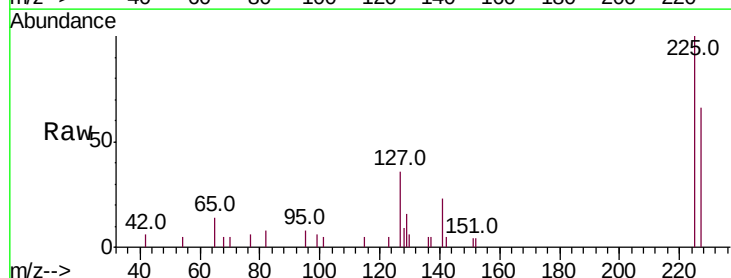
Tgt Ion:225 Resp: 1978

Ion Ratio Lower Upper

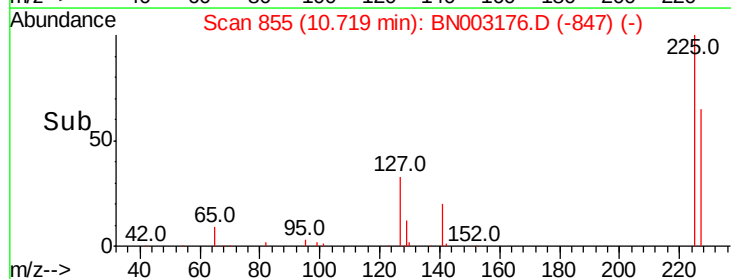
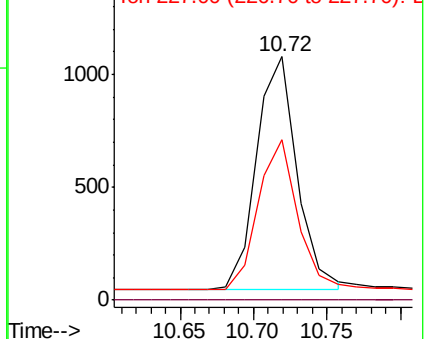
225 100

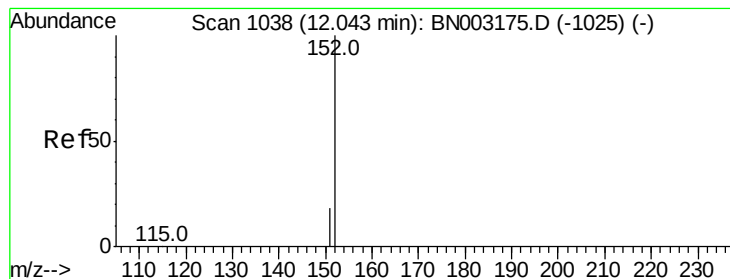
223 0.0 0.0 0.0

227 62.9 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





#11

2-Methylnaphthalene-d10

Concen: 0.897 ng

RT: 12.02 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

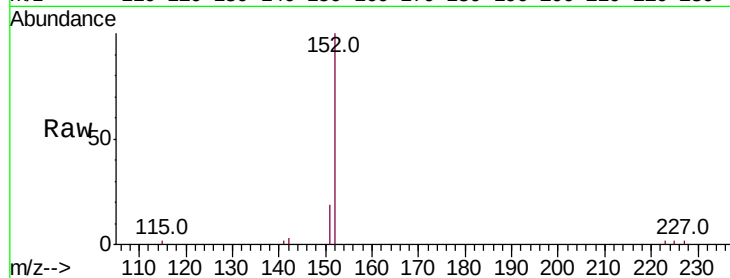
SSTDIC0.8

Tot Ion:152 Resp: 6961

Ion Ratio Lower Upper

152 100

151 18.8 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

1500

1000

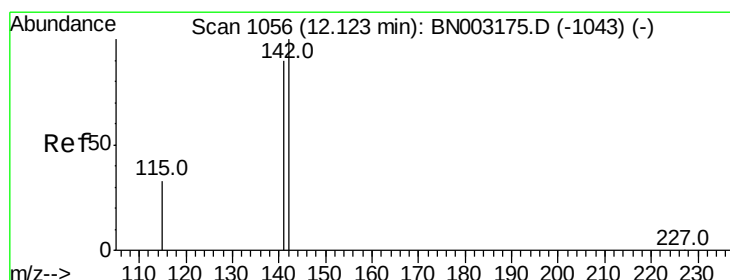
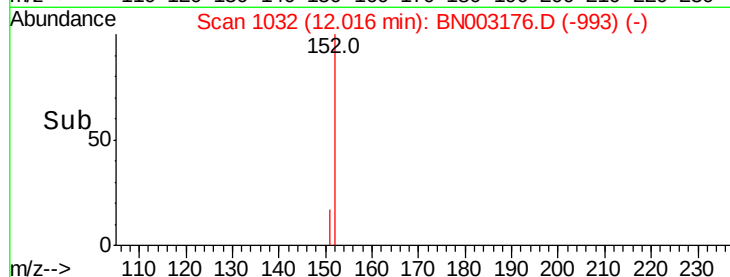
500

0

12.02

12.20

Time-->



#12

2-Methylnaphthalene

Concen: 0.871 ng

RT: 12.09 min Scan# 1049

Delta R.T. -0.03 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

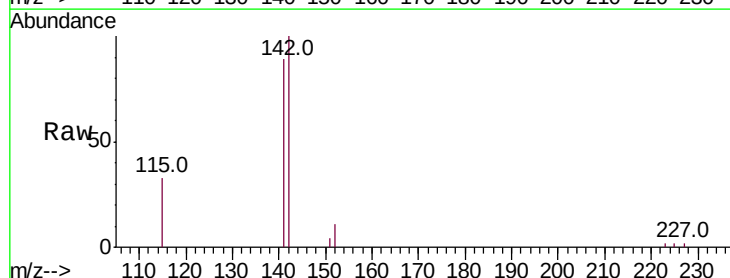
Tgt Ion:142 Resp: 7153

Ion Ratio Lower Upper

142 100

141 88.5 71.5 107.3

115 32.6 28.1 42.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

4000

3000

2000

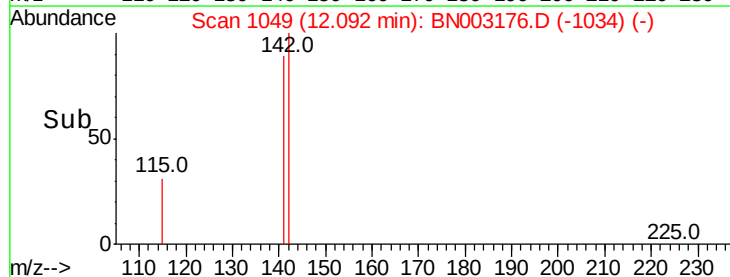
1000

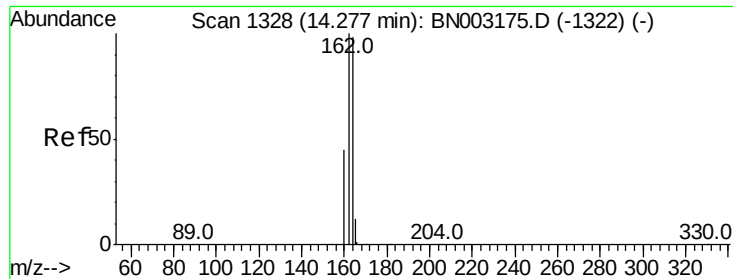
0

12.09

12.30

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

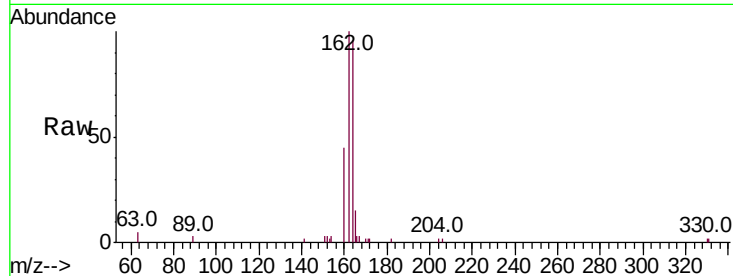
Tot Ion:164 Resp: 3451

Ion Ratio Lower Upper

164 100

162 103.8 81.7 122.5

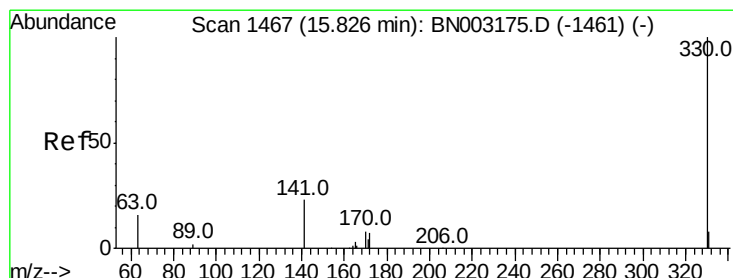
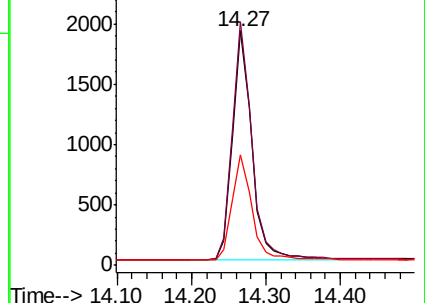
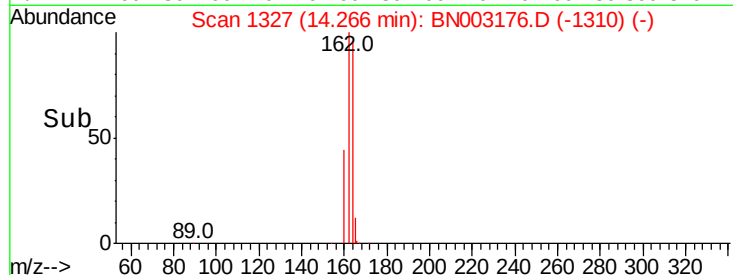
160 47.2 36.3 54.5



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: 0.960 ng

RT: 15.80 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

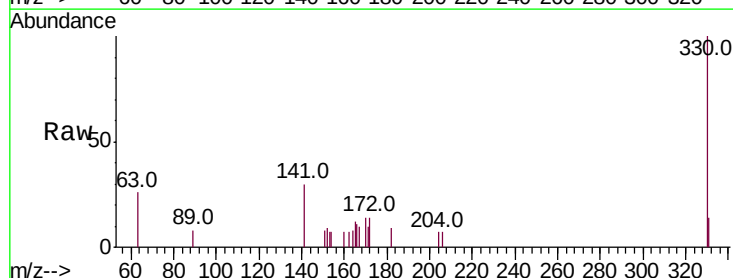
Tgt Ion:330 Resp: 1707

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

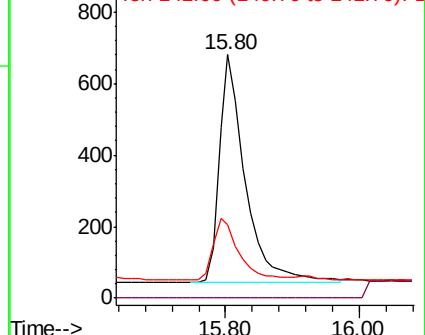
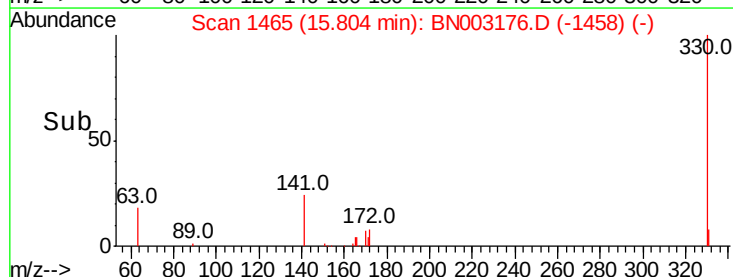
141 26.7 22.6 33.8

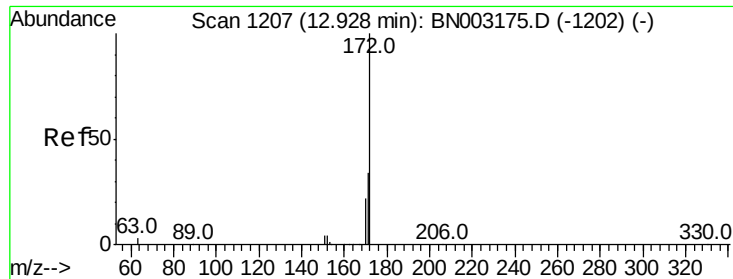


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

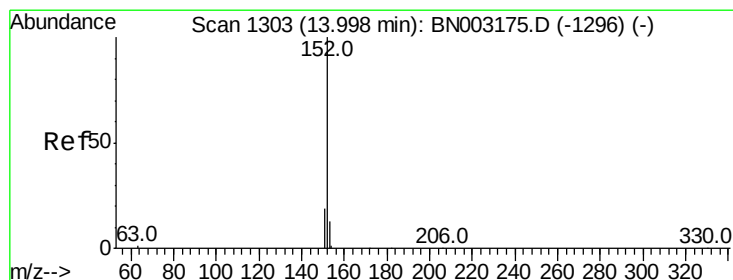
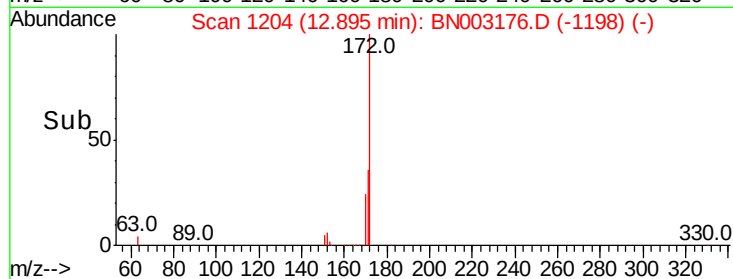
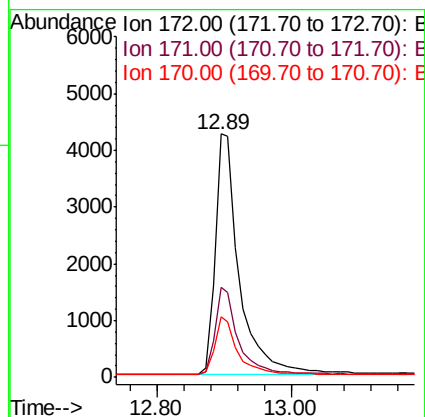
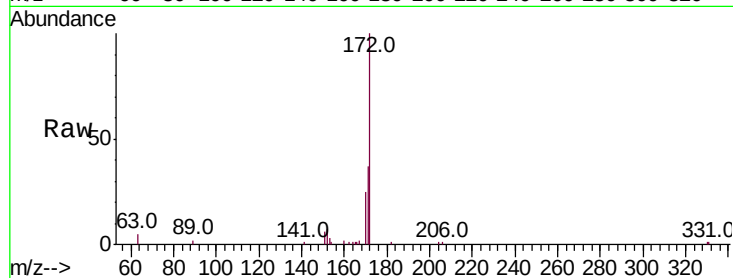




#15
2-Fluorobiphenyl
Concen: 0.866 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

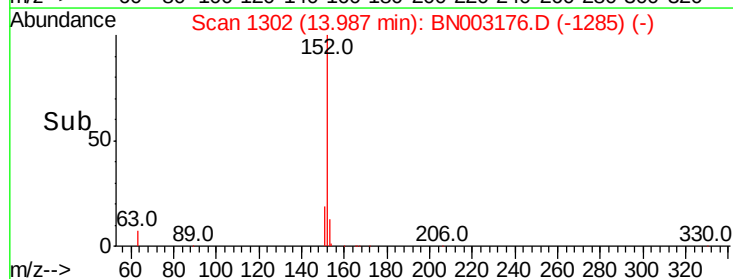
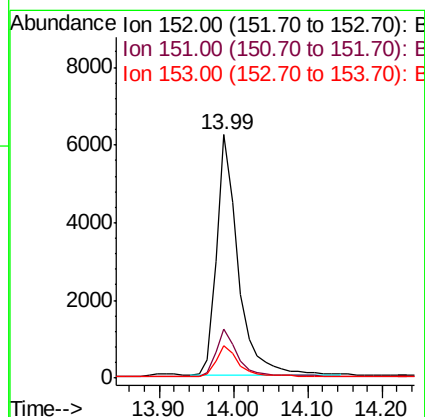
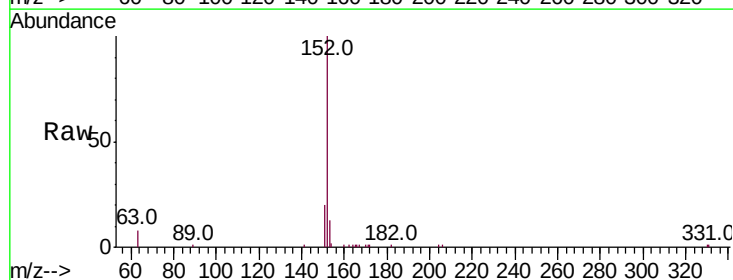
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

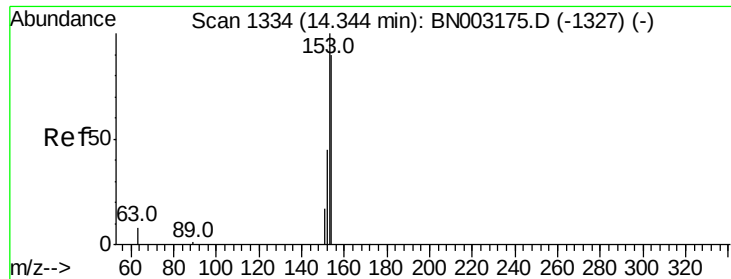
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	25.1	18.6	27.8



#16
Acenaphthylene
Concen: 0.861 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.6	16.0





#17

Acenaphthene

Concen: 0.874 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

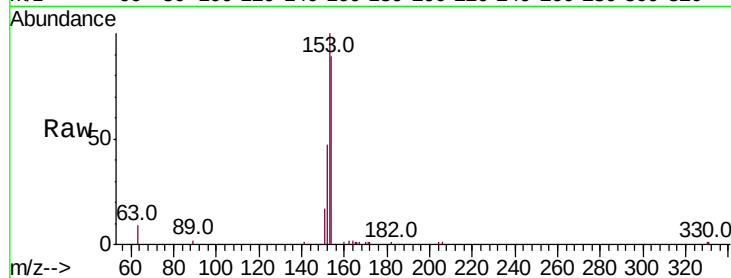
Tot Ion:154 Resp: 8373

Ion Ratio Lower Upper

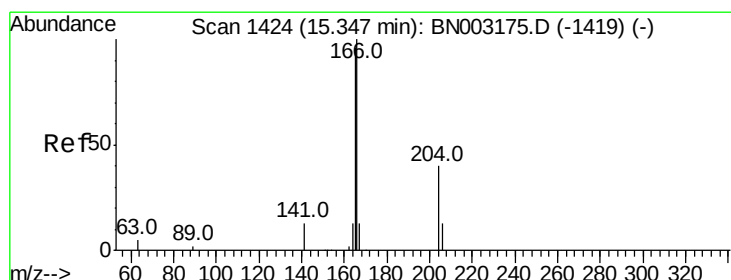
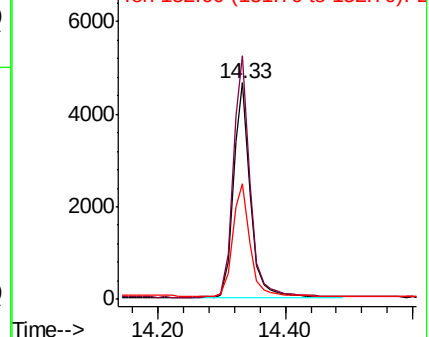
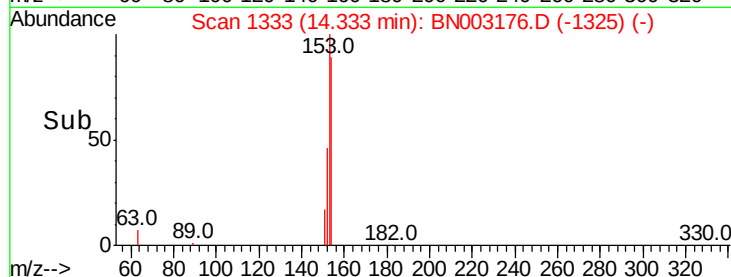
154 100

153 113.5 91.0 136.4

152 53.5 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: 0.911 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

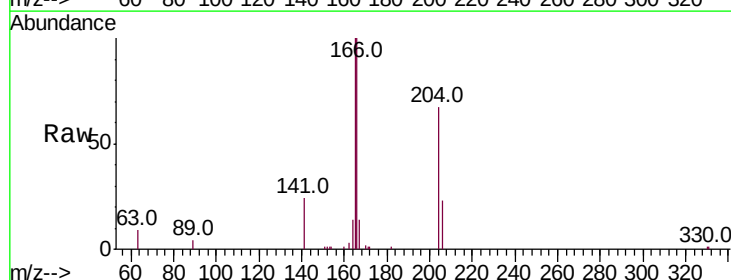
Tgt Ion:166 Resp: 10914

Ion Ratio Lower Upper

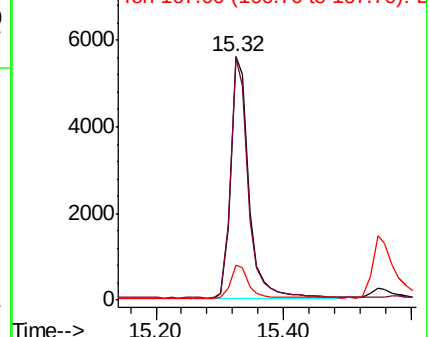
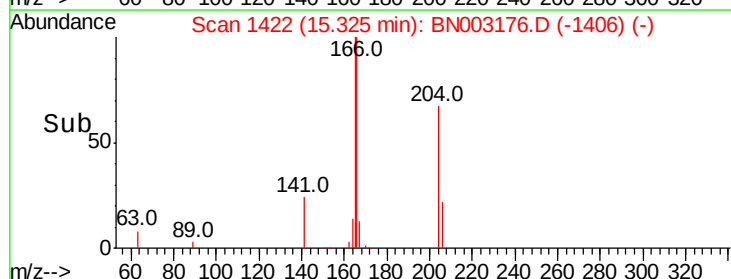
166 100

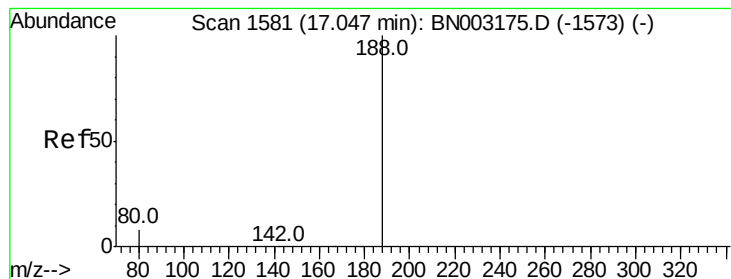
165 97.3 78.2 117.2

167 13.5 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: 17.03 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

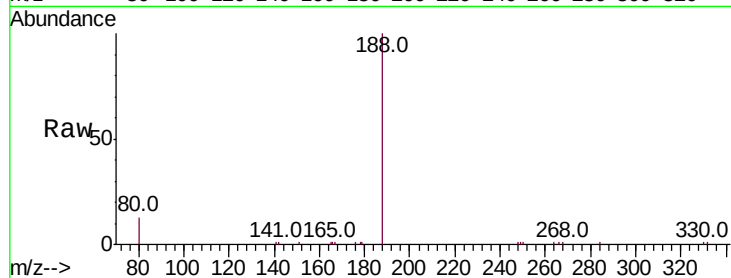
Tot Ion:188 Resp: 8708

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

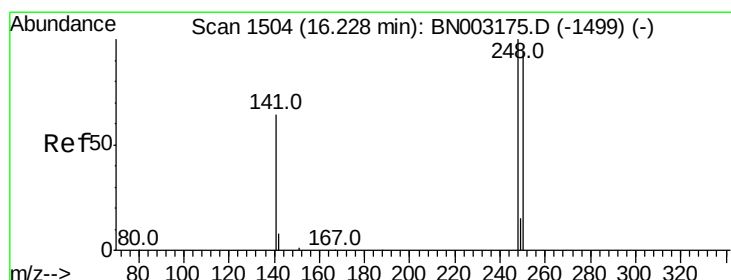
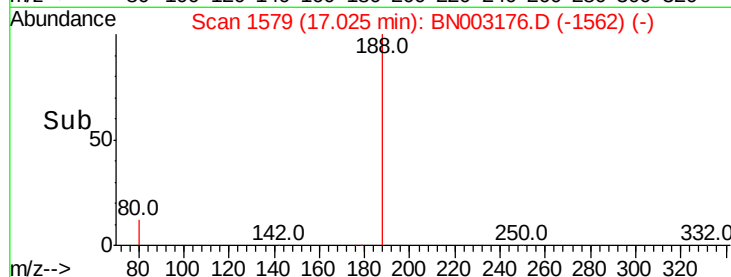
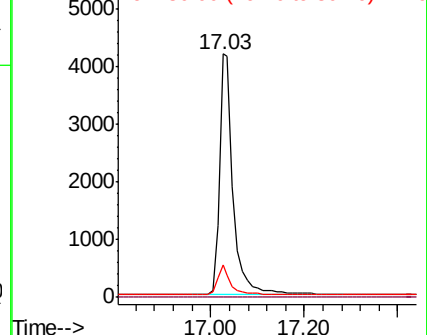
80 13.3 6.7 10.1#



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: 0.803 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

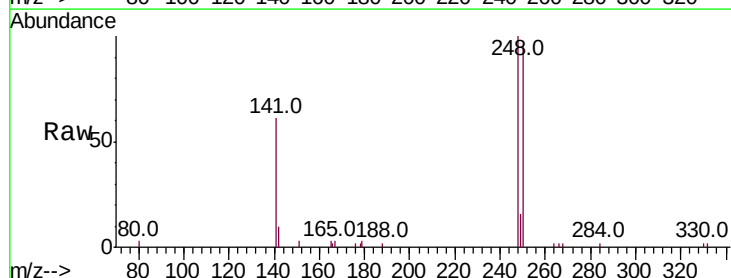
Tgt Ion:248 Resp: 3815

Ion Ratio Lower Upper

248 100

250 95.4 78.9 118.3

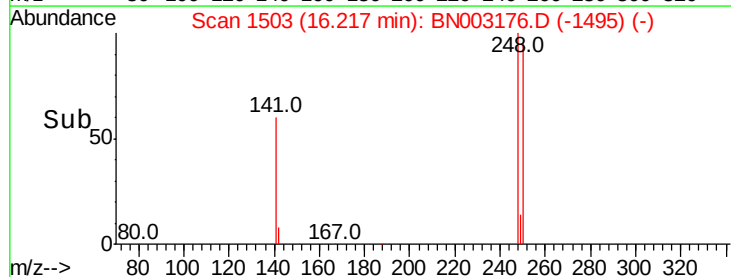
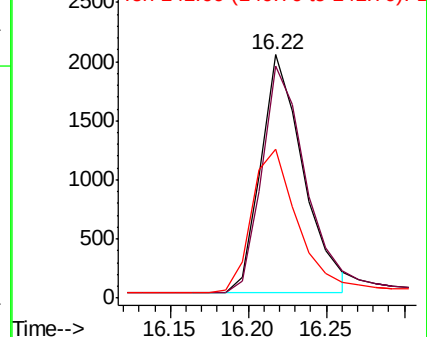
141 61.4 48.5 72.7

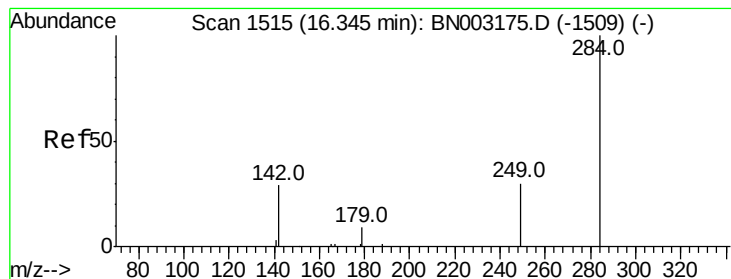


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.829 ng

RT: 16.33 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

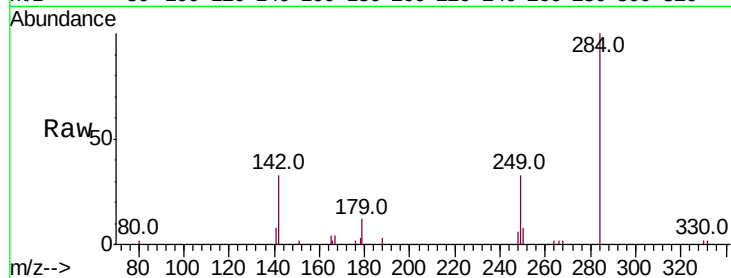
Tot Ion:284 Resp: 4235

Ion Ratio Lower Upper

284 100

142 30.1 24.6 37.0

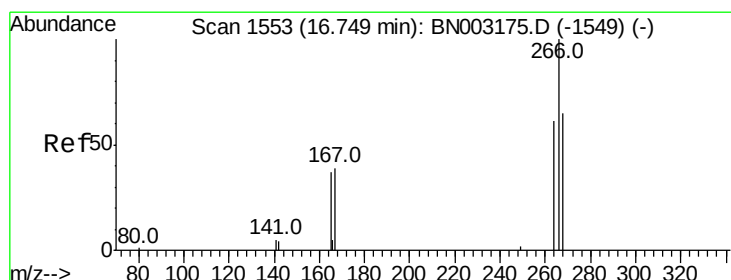
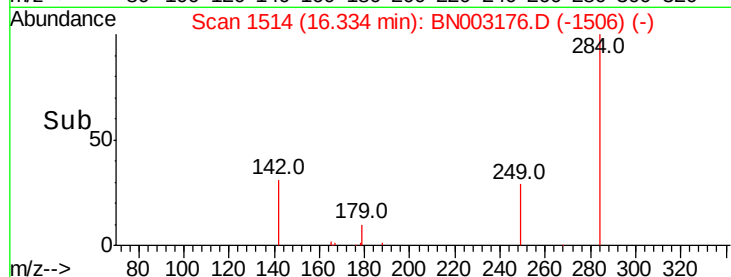
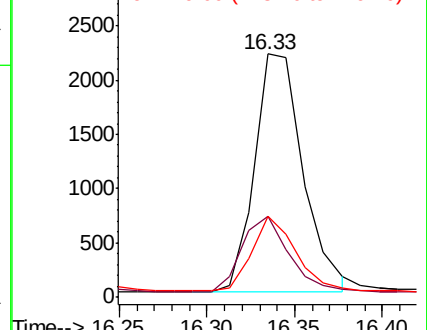
249 28.0 22.3 33.5



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: 0.724 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

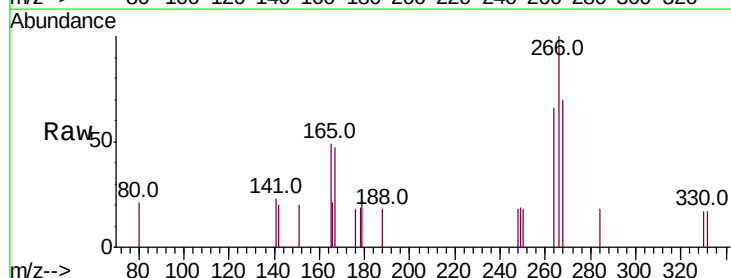
Tgt Ion:266 Resp: 776

Ion Ratio Lower Upper

266 100

264 66.2 55.0 82.4

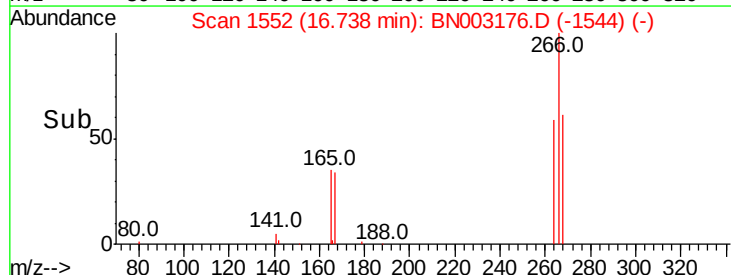
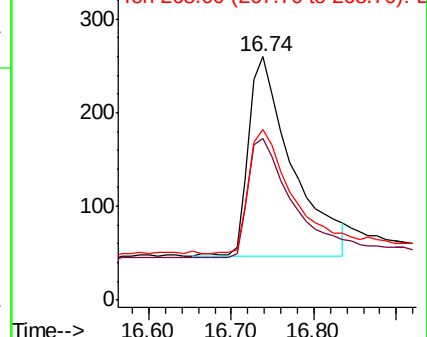
268 70.0 60.6 91.0

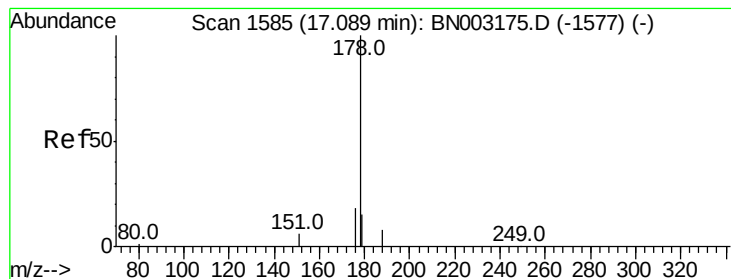


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.841 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

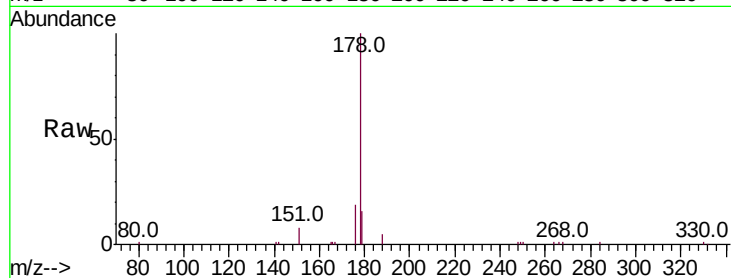
Tot Ion:178 Resp: 18112

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

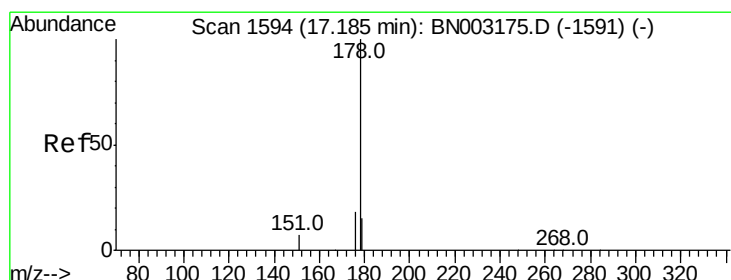
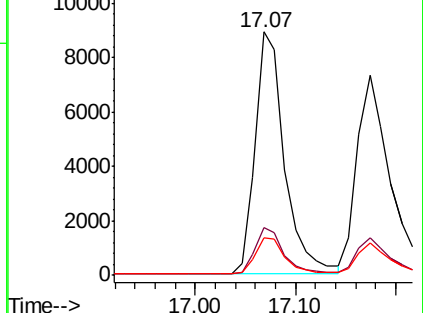
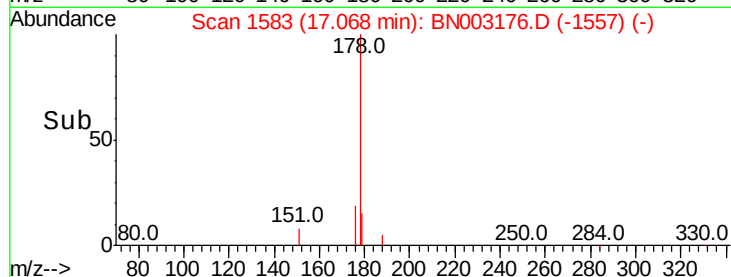
179 15.3 12.3 18.5



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: 0.880 ng

RT: 17.17 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

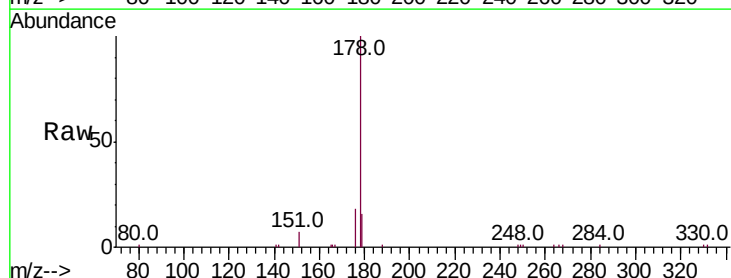
Tgt Ion:178 Resp: 16711

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

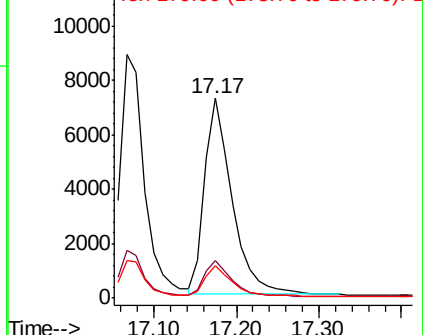
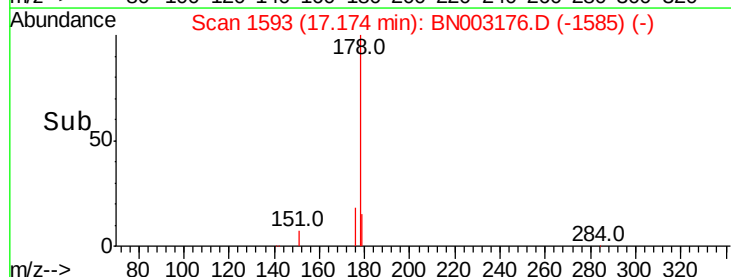
179 15.1 12.3 18.5

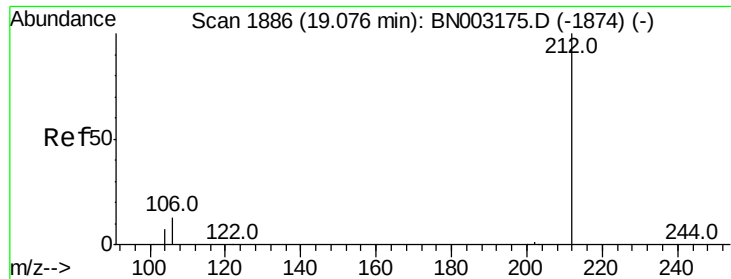


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.926 ng

RT: 19.07 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

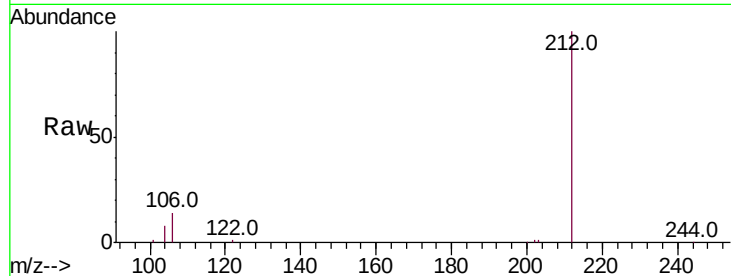
Tot Ion:212 Resp: 20881

Ion Ratio Lower Upper

212 100

106 13.2 10.2 15.4

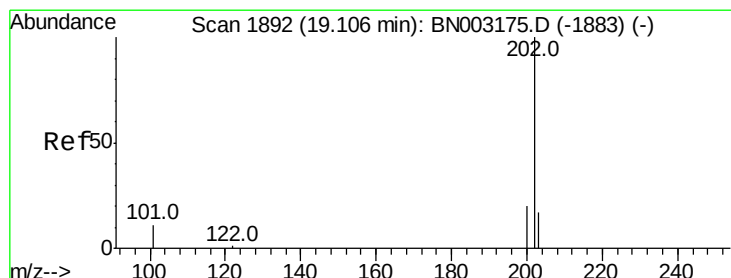
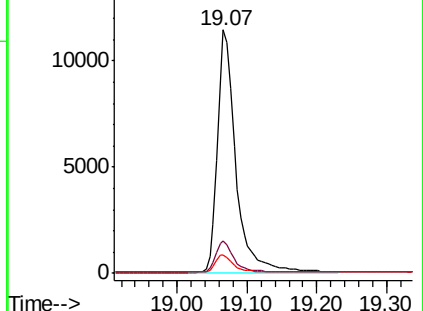
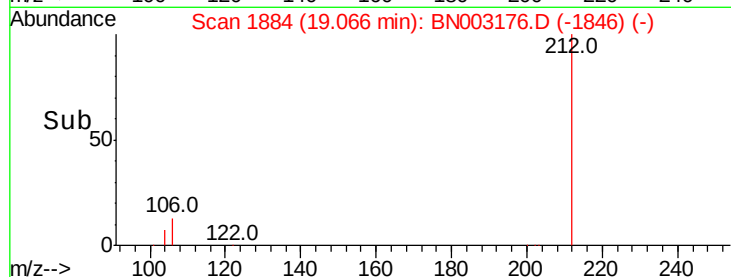
104 7.3 5.8 8.6



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: 0.927 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

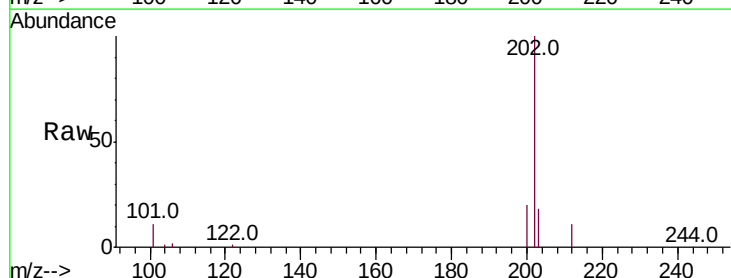
Tgt Ion:202 Resp: 22641

Ion Ratio Lower Upper

202 100

101 11.1 8.6 12.8

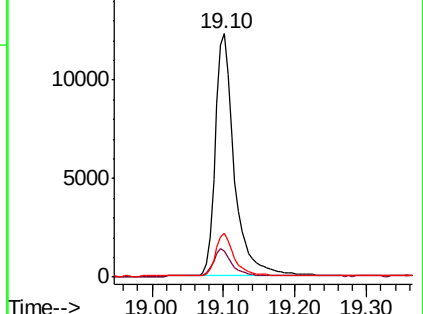
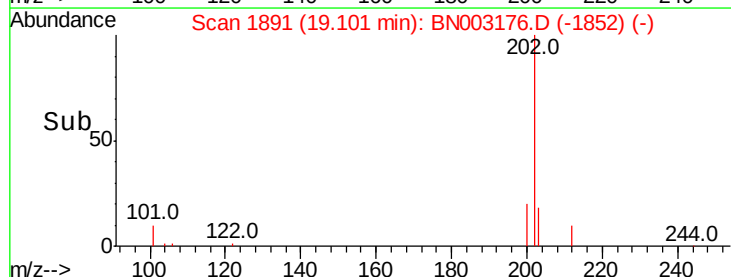
203 17.0 13.7 20.5

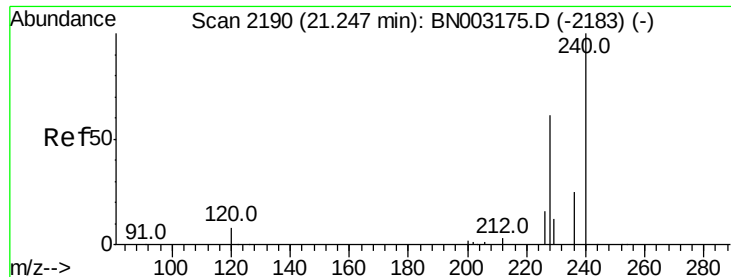


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

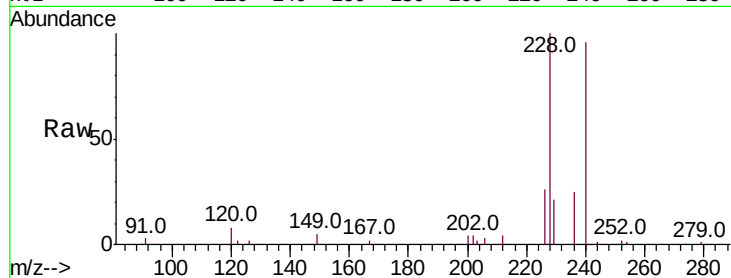
Tot Ion:240 Resp: 10624

Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.8

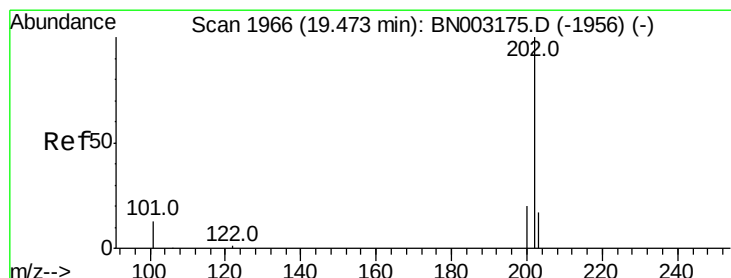
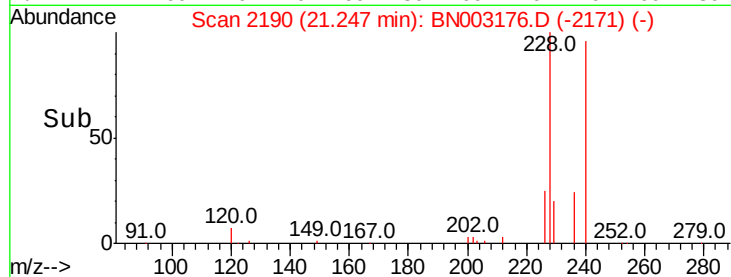
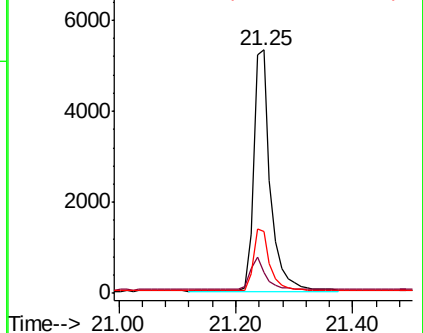
236 25.7 21.0 31.4



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: 0.760 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

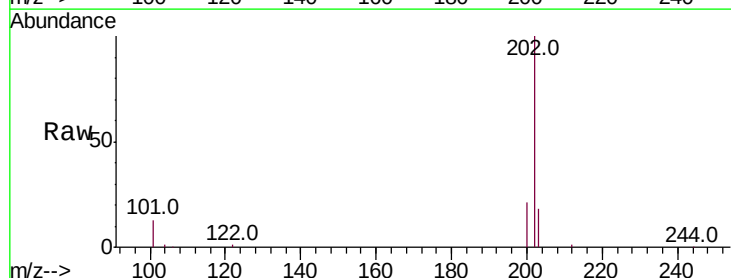
Tgt Ion:202 Resp: 23666

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

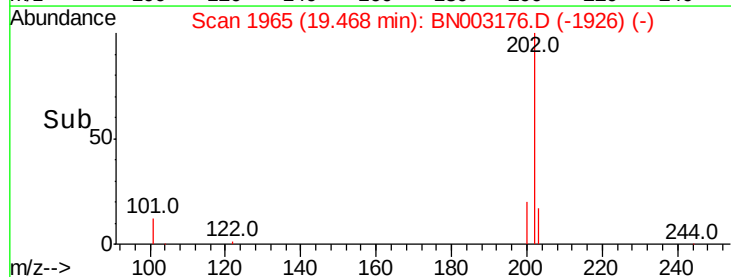
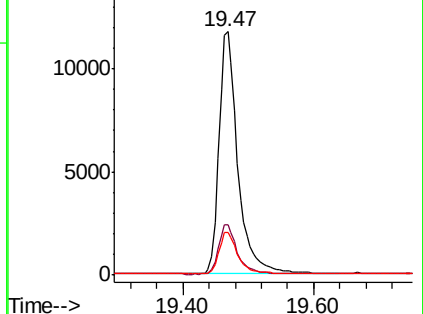
203 17.5 14.2 21.2

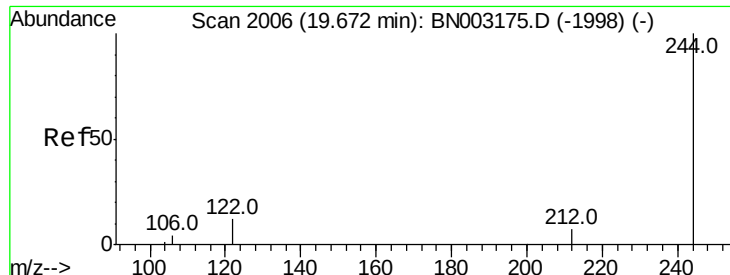


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.765 ng

RT: 19.67 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

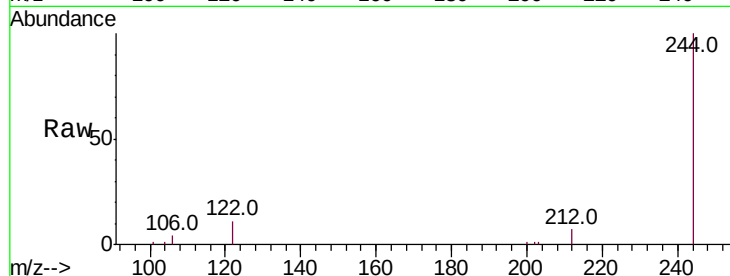
Tot Ion:244 Resp: 17947

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

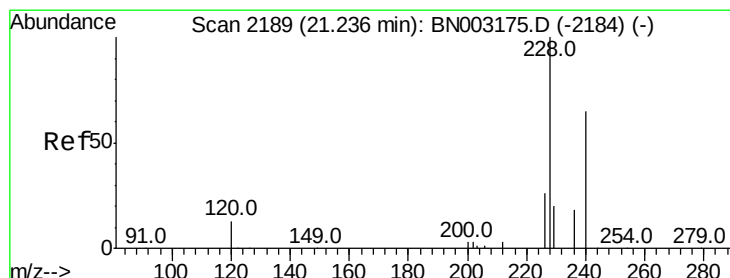
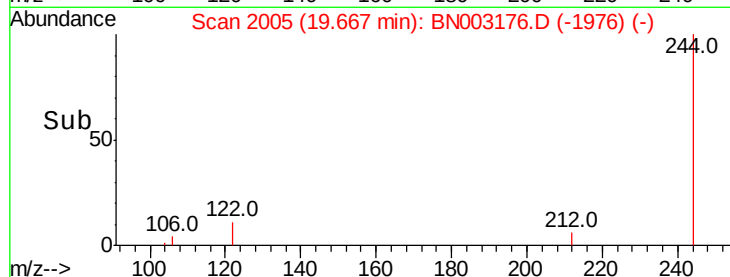
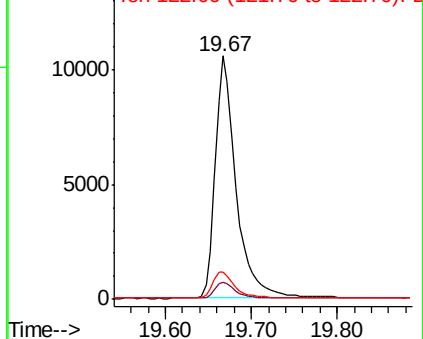
122 11.3 9.1 13.7



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



#30

Benzo(a)anthracene

Concen: 0.934 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

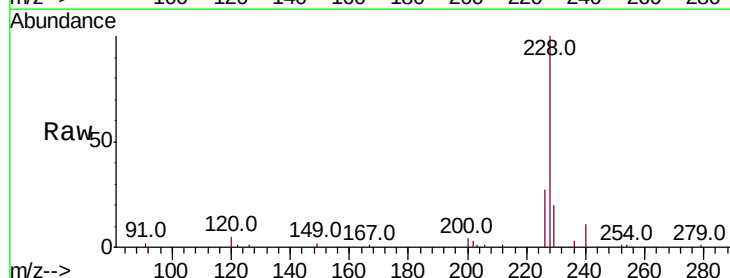
Tgt Ion:228 Resp: 23204

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

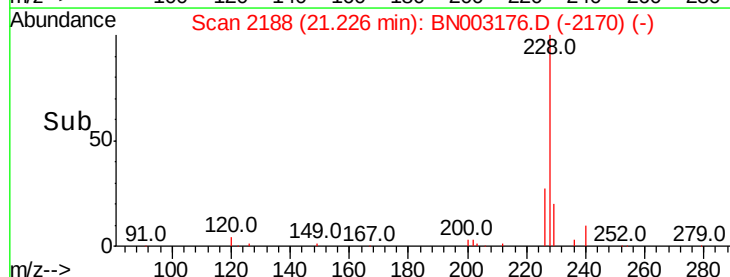
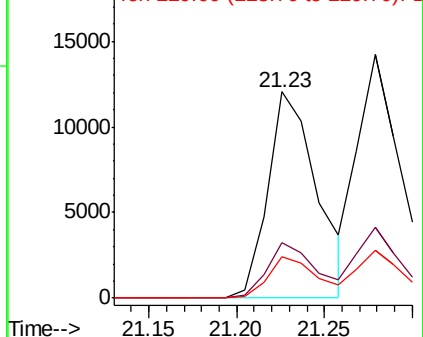
229 19.9 16.4 24.6

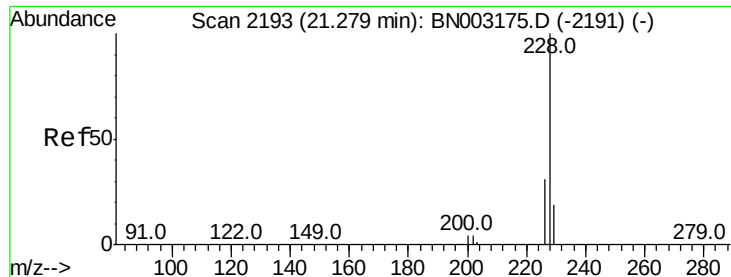


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.817 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

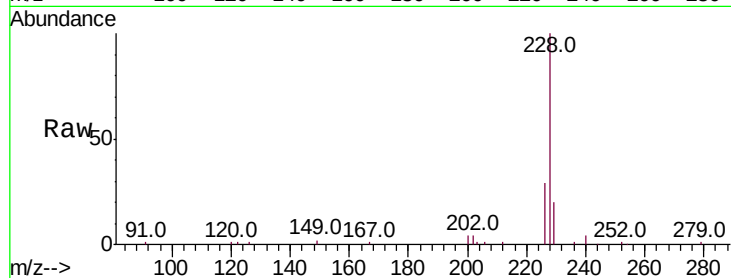
BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:228 Resp: 25318

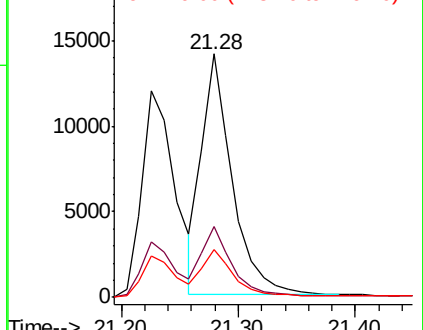
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	19.7	15.9	23.9



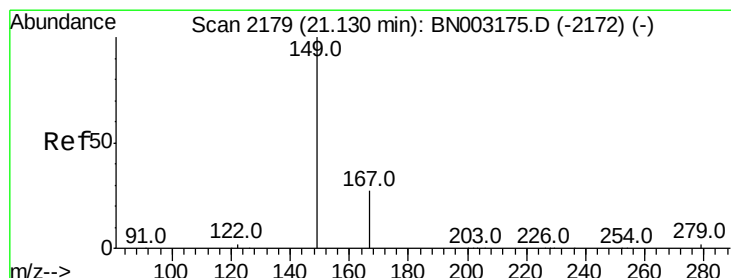
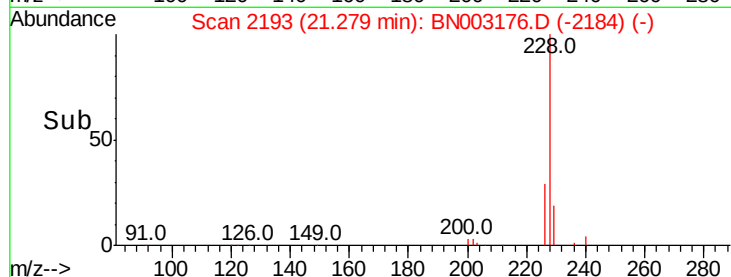
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.804 ng

RT: 21.13 min Scan# 2179

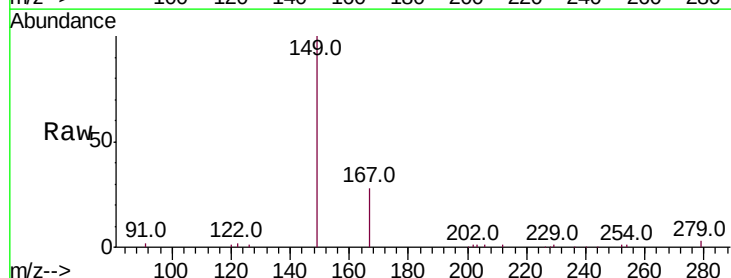
Delta R.T. 0.00 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Tgt Ion:149 Resp: 13417

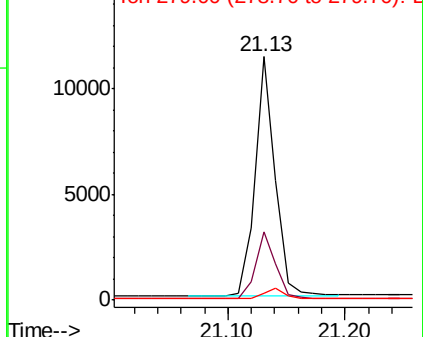
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	4.8	3.7	5.5



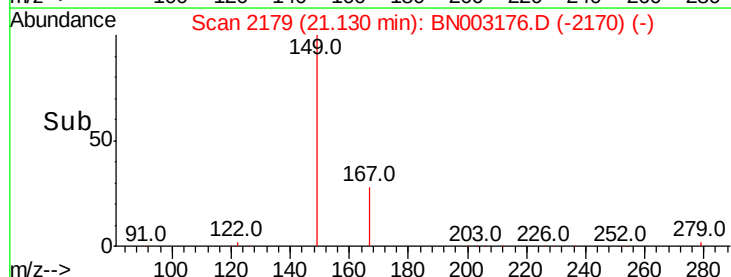
Abundance Ion 149.00 (148.70 to 149.70): E

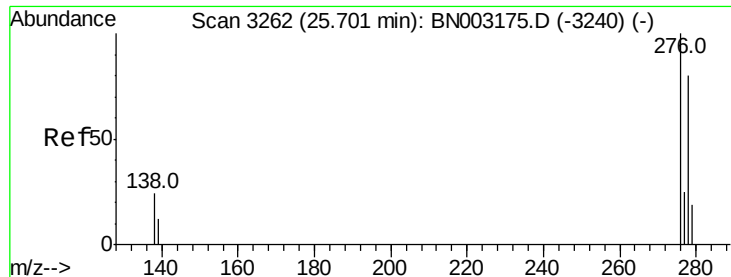
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

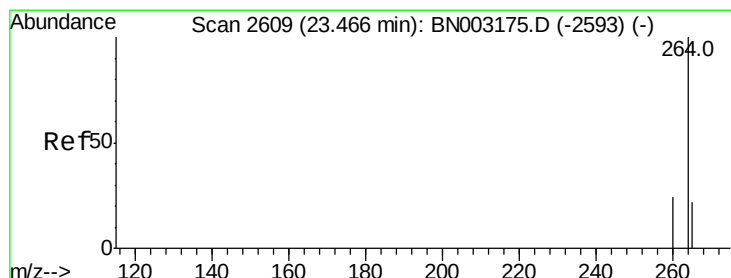
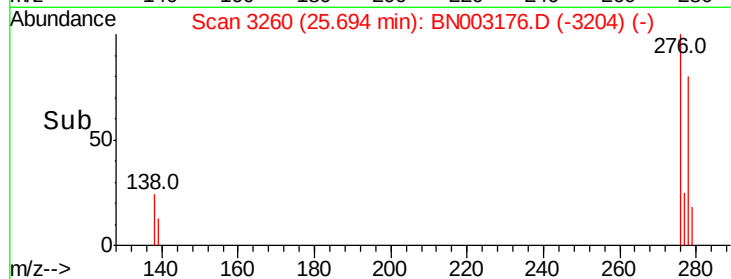
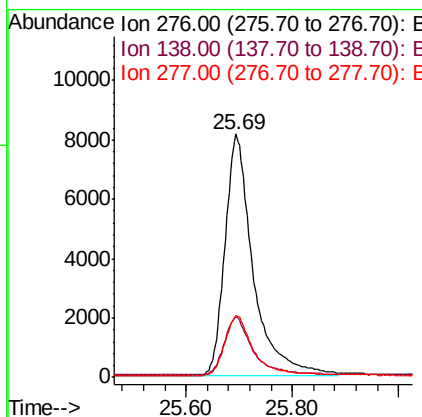
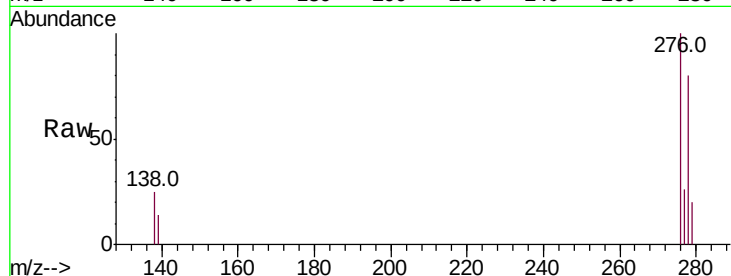




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.145 ng
 RT: 25.69 min Scan# 3260
 Delta R.T. -0.01 min
 Lab File: BN003176.D
 Acq: 17 Oct 2018 11:26

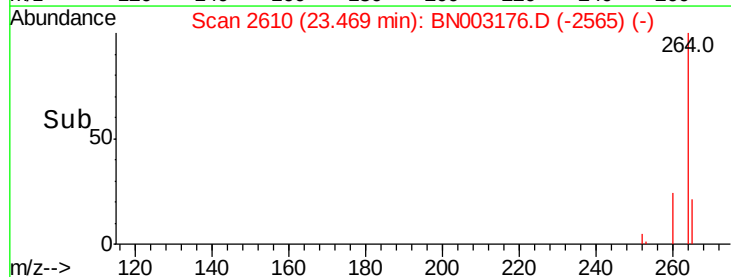
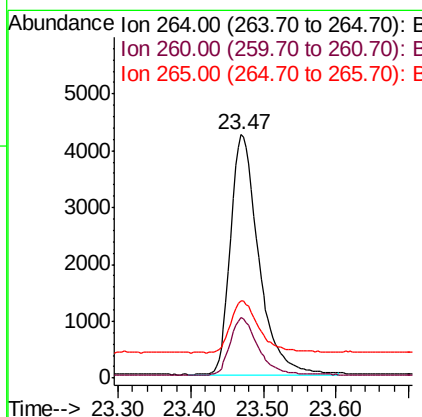
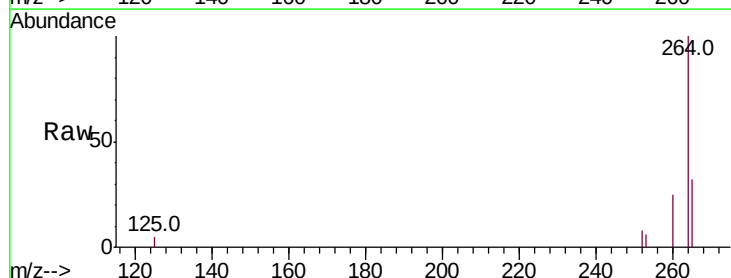
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

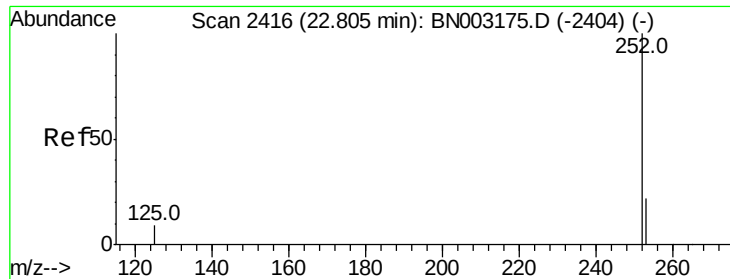
Tot Ion:276 Resp: 30117
 Ion Ratio Lower Upper
 276 100
 138 24.2 18.2 27.4
 277 25.0 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BN003176.D
 Acq: 17 Oct 2018 11:26

Tgt Ion:264 Resp: 11307
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 31.5 27.6 41.4

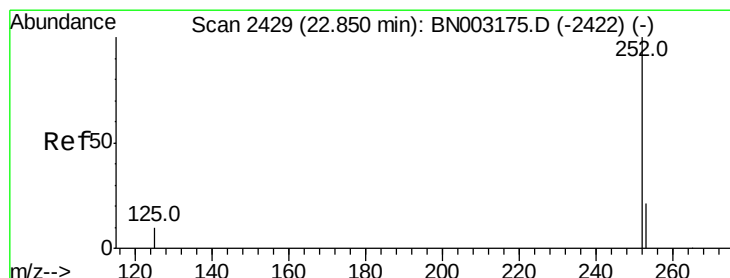
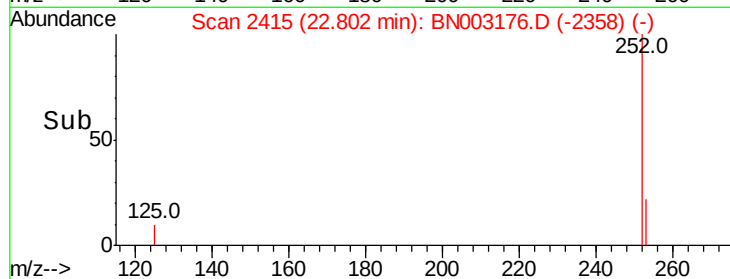
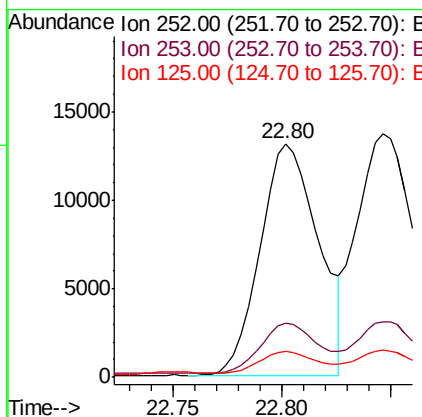
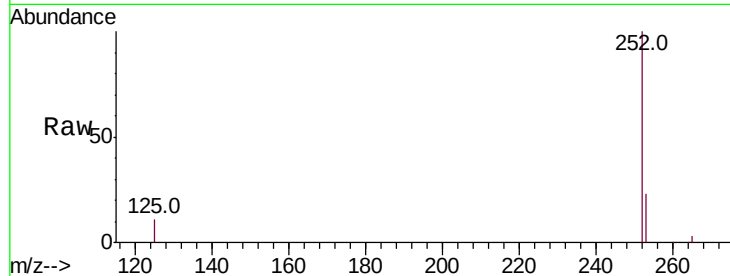




#35
Benzo(b)fluoranthene
Concen: 0.771 ng
RT: 22.80 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

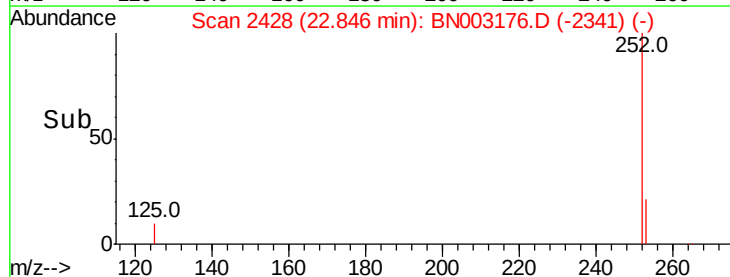
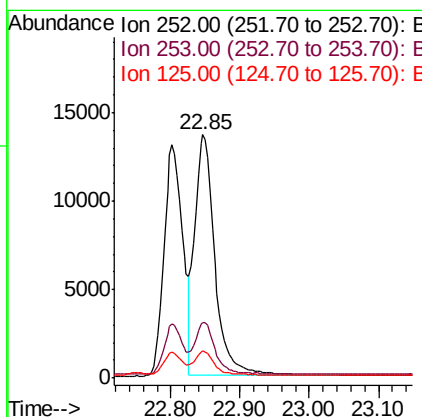
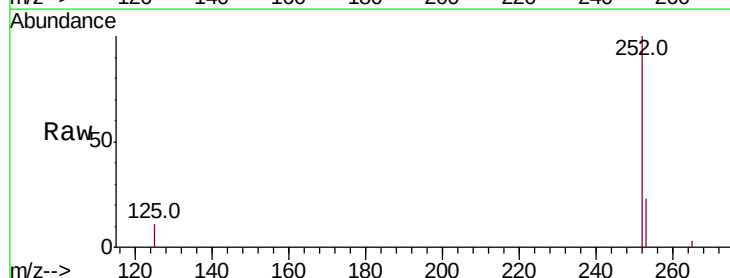
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

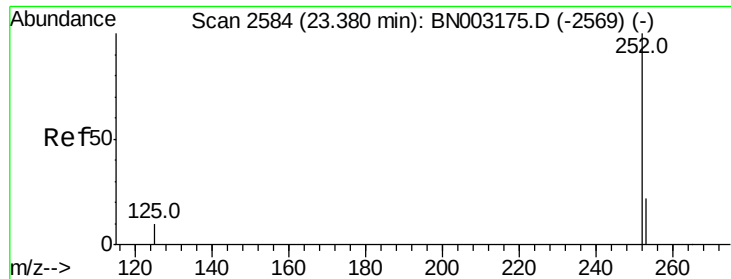
Tot Ion:252 Resp: 24368
Ion Ratio Lower Upper
252 100
253 23.2 20.8 31.2
125 10.9 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 0.806 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:252 Resp: 27839
Ion Ratio Lower Upper
252 100
253 22.7 20.5 30.7
125 11.1 9.4 14.0





#37

Benzo(a)pyrene

Concen: 0.839 ng

RT: 23.38 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

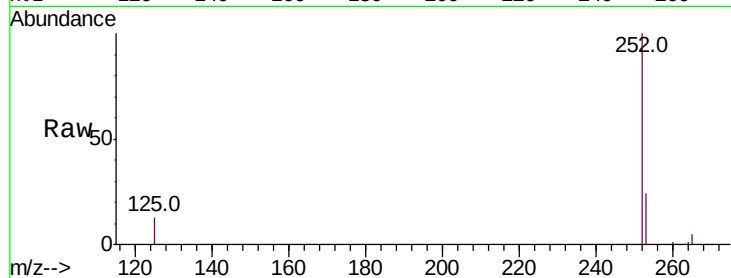
Tot Ion:252 Resp: 24635

Ion Ratio Lower Upper

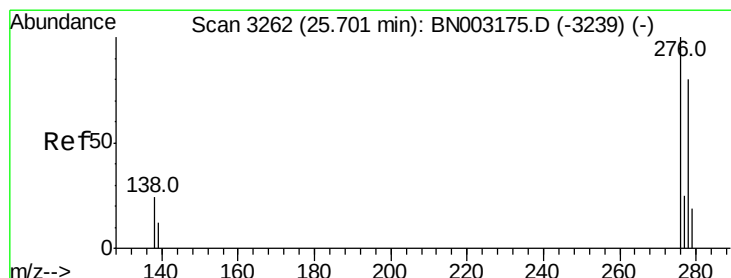
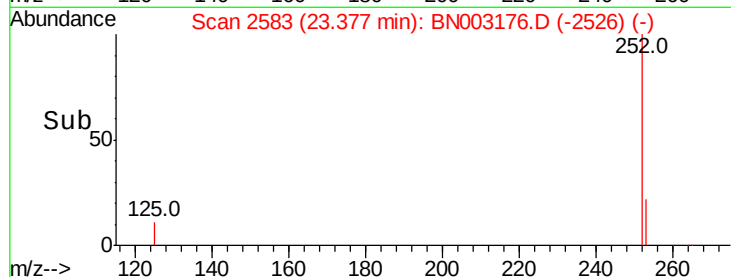
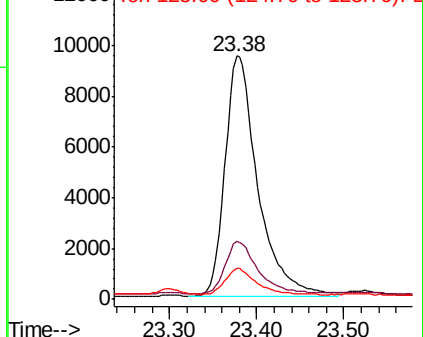
252 100

253 23.8 22.4 33.6

125 12.5 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: 0.942 ng

RT: 25.69 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

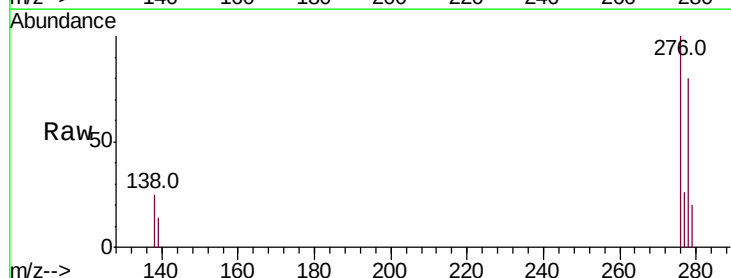
Tgt Ion:278 Resp: 25127

Ion Ratio Lower Upper

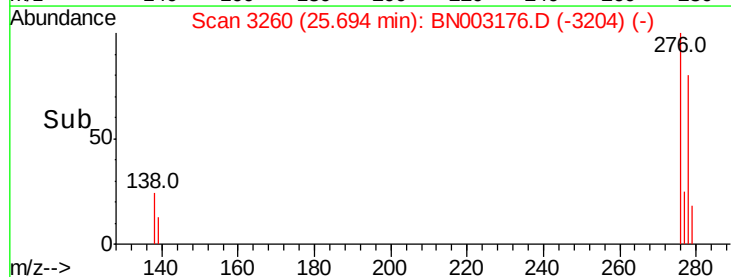
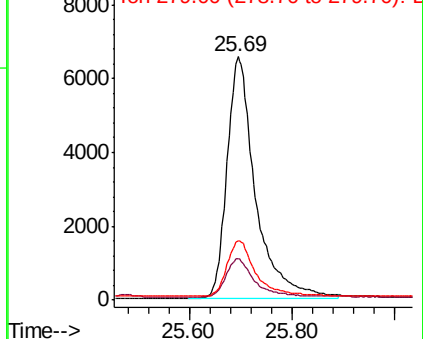
278 100

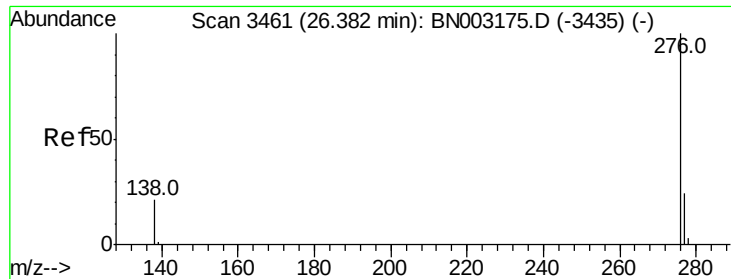
139 17.2 14.6 21.8

279 24.4 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: 0.923 ng

RT: 26.38 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BN003176.D

Acq: 17 Oct 2018 11:26

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

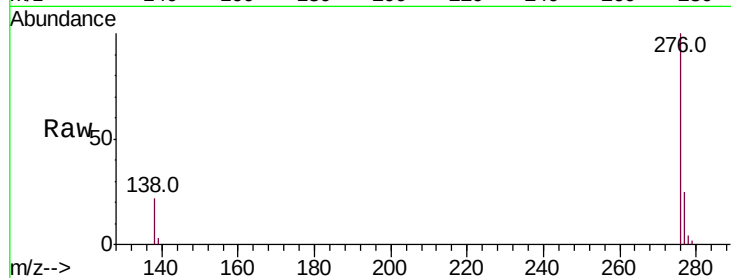
Tot Ion:276 Resp: 25213

Ion Ratio Lower Upper

276 100

277 24.6 21.0 31.4

138 21.7 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

