

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003177.D
 Acq On : 17 Oct 2018 12:01
 Operator : MJ/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 17 12:41:08 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	7.63	152	1323	0.40	ng	-0.02
7) Naphthalene-d8	10.40	136	5671	0.40	ng	-0.03
13) Acenaphthene-d10	14.25	164	3732	0.40	ng	-0.02
19) Phenanthrene-d10	17.03	188	9327	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	11452	0.40	ng	-0.02
34) Perylene-d12	23.46	264	12154	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	4939	1.53	ng	-0.03
5) Phenol-d6	6.85	99	5384	1.31	ng	-0.09
8) Nitrobenzene-d5	8.81	82	6350	1.82	ng	-0.06
11) 2-Methylnaphthalene-d10	12.00	152	15013	1.80	ng	-0.04
14) 2,4,6-Tribromophenol	15.79	330	3703	1.93	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	22313	1.65	ng	-0.04
25) Fluoranthene-d10	19.06	212	44809	1.86	ng	-0.01
29) Terphenyl-d14	19.66	244	37760	1.49	ng	0.00

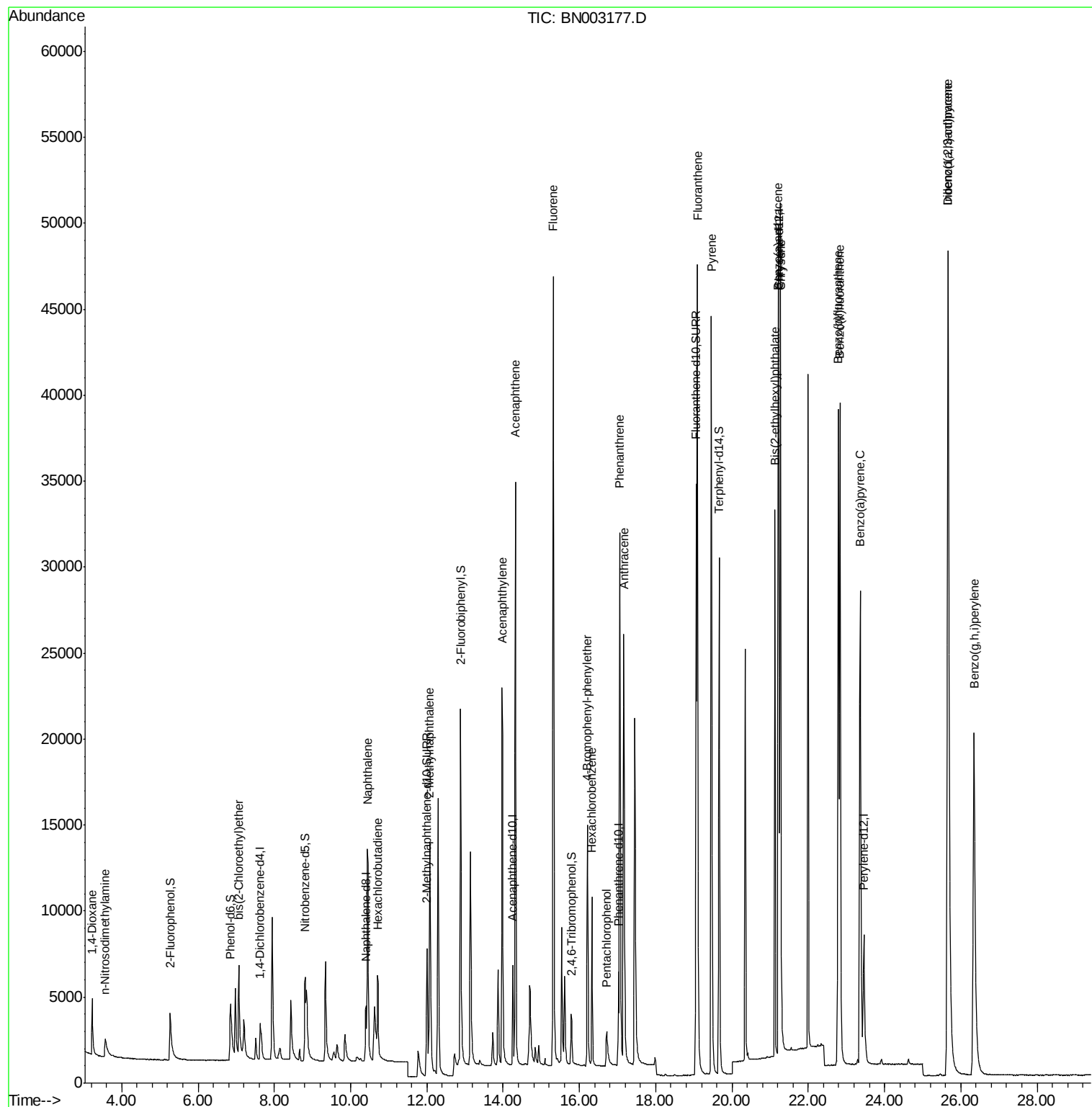
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	2641	1.794	ng	97
3) n-Nitrosodimethylamine	3.57	42	1498	2.018	ng	# 94
6) bis(2-Chloroethyl)ether	7.06	93	5910	1.613	ng	89
9) Naphthalene	10.44	128	21856	1.692	ng	98
10) Hexachlorobutadiene	10.71	225	4127	1.616	ng	# 99
12) 2-Methylnaphthalene	12.07	142	15659	1.770	ng	99
16) Acenaphthylene	13.98	152	27792	1.800	ng	100
17) Acenaphthene	14.32	154	18020	1.740	ng	98
18) Fluorene	15.31	166	23242	1.794	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	8570	1.684	ng	94
21) Hexachlorobenzene	16.33	284	9134	1.669	ng	99
22) Pentachlorophenol	16.72	266	2042	1.779	ng	92
23) Phenanthrene	17.06	178	38924	1.687	ng	100
24) Anthracene	17.16	178	36888	1.813	ng	100
26) Fluoranthene	19.09	202	48846	1.867	ng	100
28) Pyrene	19.46	202	50582	1.506	ng	100
30) Benzo(a)anthracene	21.22	228	50076	1.869	ng	99
31) Chrysene	21.27	228	52355	1.566	ng	100
32) Bis(2-ethylhexyl)phthalate	21.13	149	29428	1.637	ng	99
33) Indeno(1,2,3-cd)pyrene	25.67	276	65391	2.305	ng	98
35) Benzo(b)fluoranthene	22.79	252	52903	1.558	ng	94
36) Benzo(k)fluoranthene	22.83	252	58691	1.580	ng	94
37) Benzo(a)pyrene	23.36	252	52916	1.678	ng	91
38) Dibenzo(a,h)anthracene	25.67	278	54915	1.915	ng	92
39) Benzo(g,h,i)perylene	26.35	276	54714	1.864	ng	96

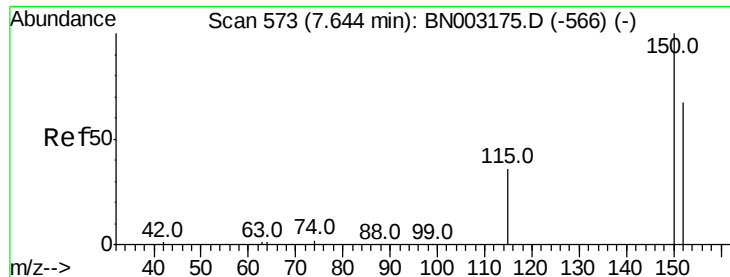
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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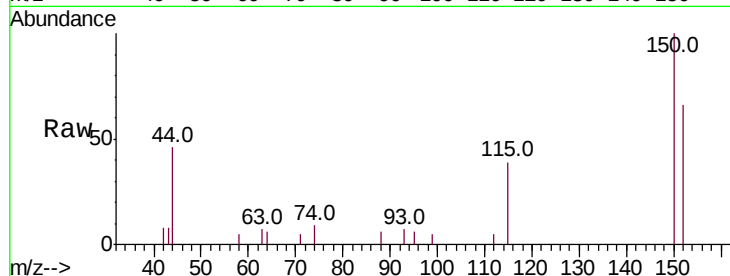


#1

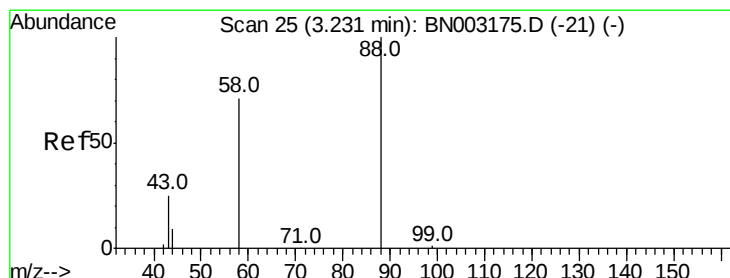
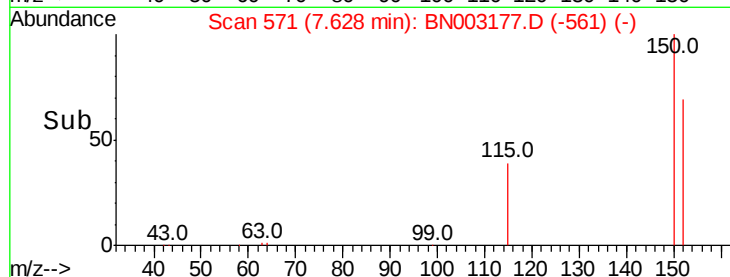
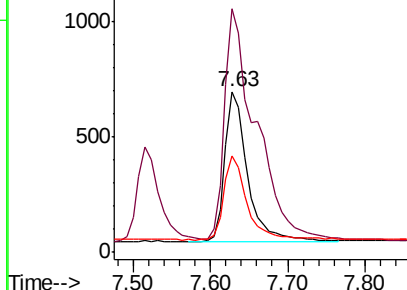
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1323
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.4
115 59.9 49.8 74.6



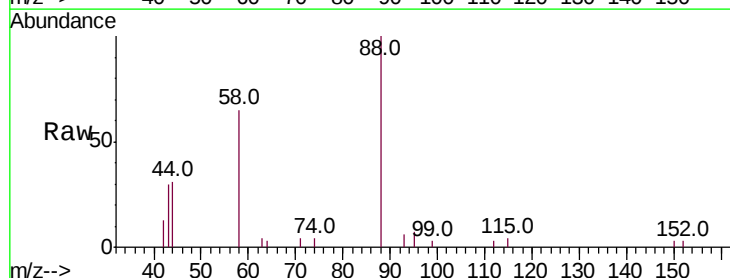
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



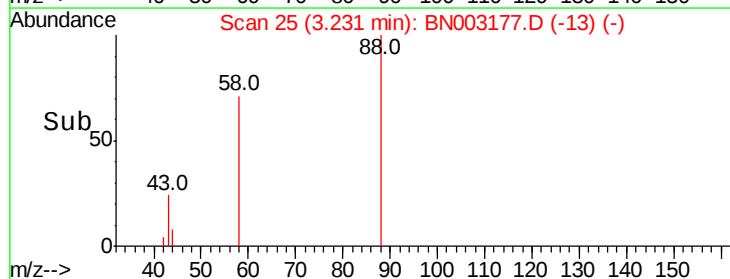
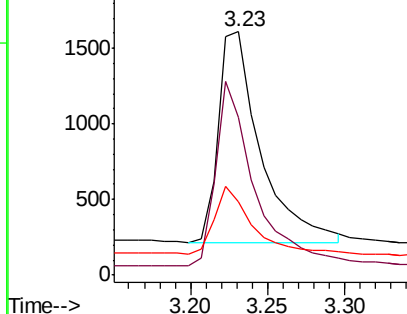
#2

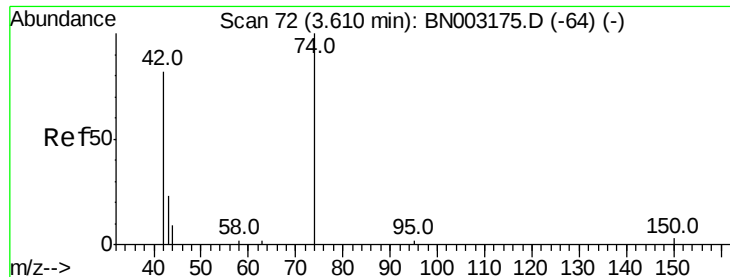
1,4-Dioxane
Concen: 1.794 ng
RT: 3.23 min Scan# 25
Delta R.T. 0.00 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion: 88 Resp: 2641
Ion Ratio Lower Upper
88 100
58 81.4 66.7 100.1
43 28.0 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: 2.018 ng

RT: 3.57 min Scan# 67

Delta R.T. -0.04 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

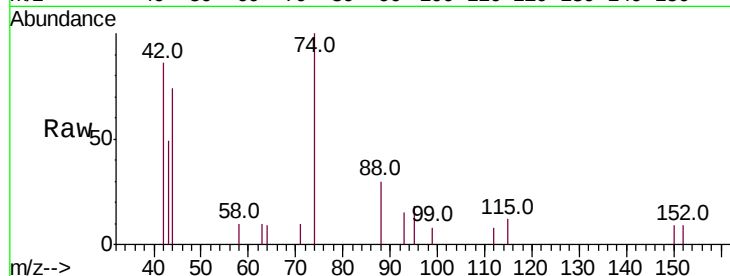
Tot Ion: 42 Resp: 1498

Ion Ratio Lower Upper

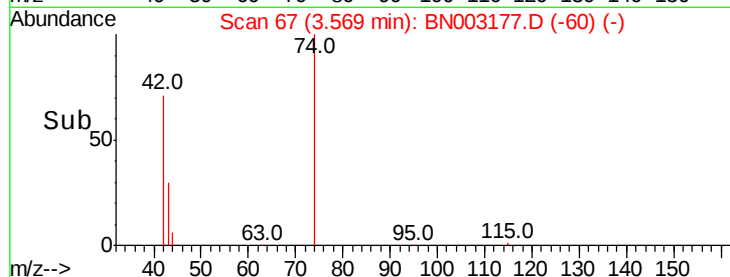
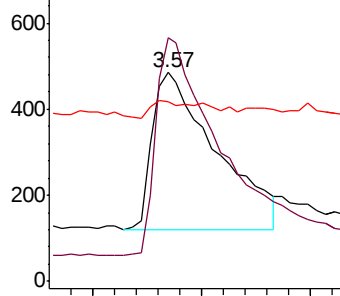
42 100

74 135.1 102.9 154.3

44 6.5 0.0 0.0#



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



#4

2-Fluorophenol

Concen: 1.529 ng

RT: 5.27 min Scan# 278

Delta R.T. -0.03 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

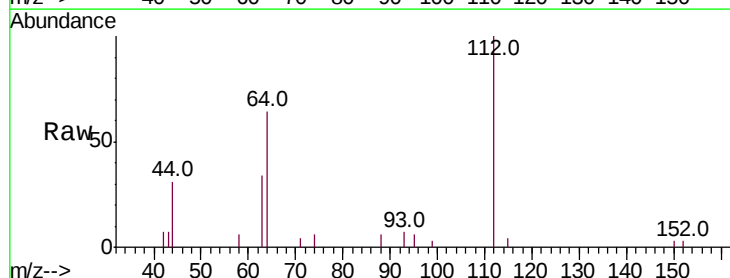
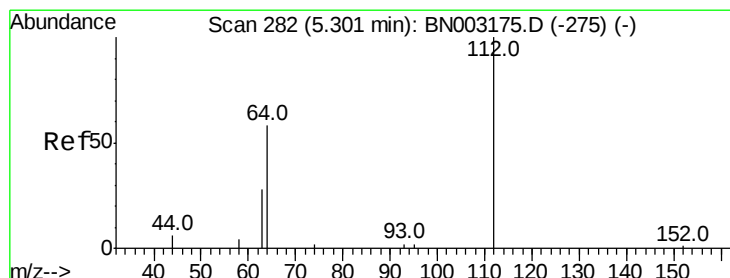
Tgt Ion: 112 Resp: 4939

Ion Ratio Lower Upper

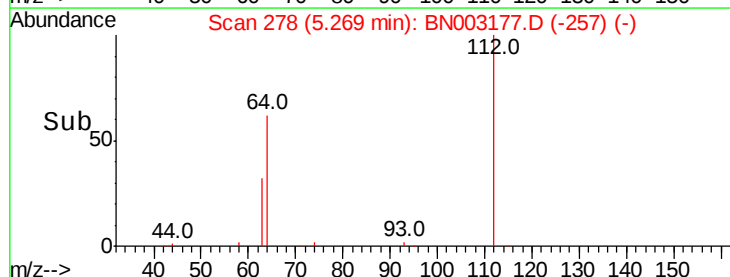
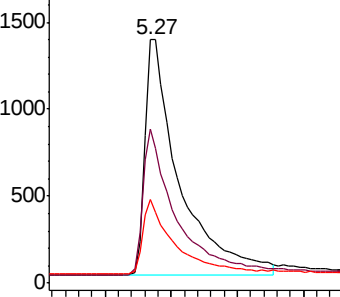
112 100

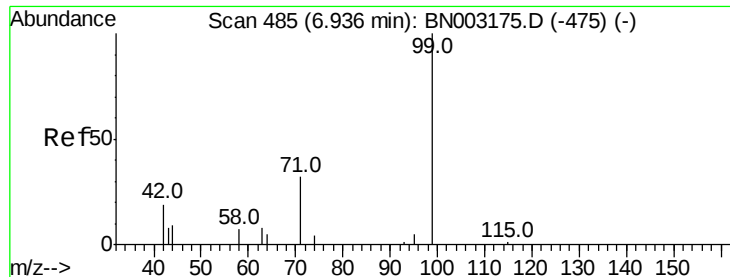
64 59.5 49.0 73.4

63 29.8 25.9 38.9



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





#5

Phenol-d6

Concen: 1.311 ng

RT: 6.85 min Scan# 474

Delta R.T. -0.09 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampled :

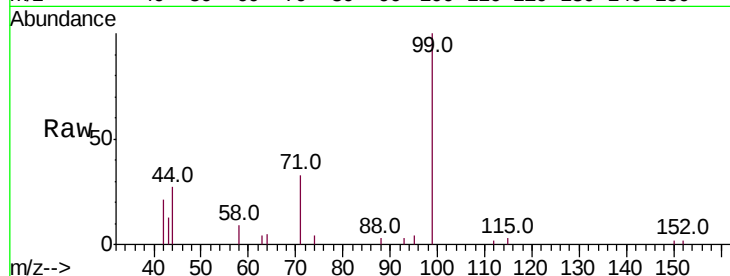
Tot Ion: 99 Resp: 5384

Ion Ratio Lower Upper

99 100

42 12.5 15.4 23.2#

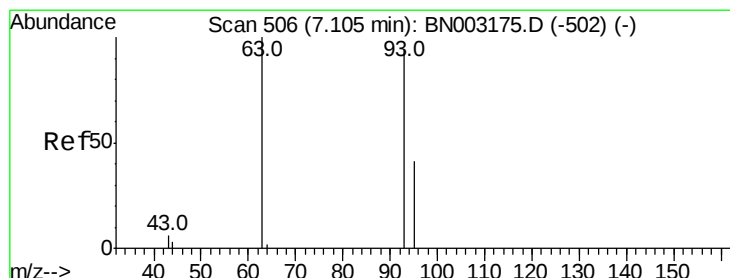
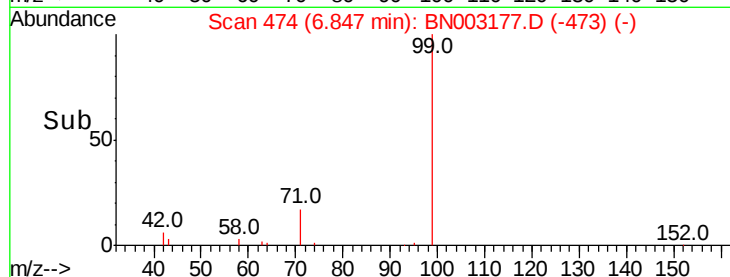
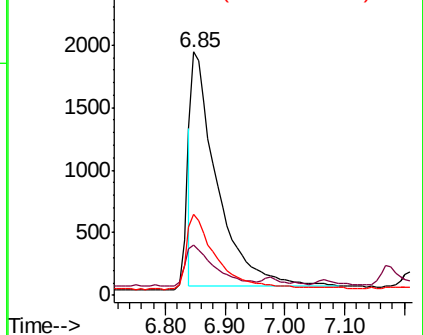
71 29.8 26.0 39.0



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



#6

bis(2-Chloroethyl)ether

Concen: 1.613 ng

RT: 7.06 min Scan# 501

Delta R.T. -0.04 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

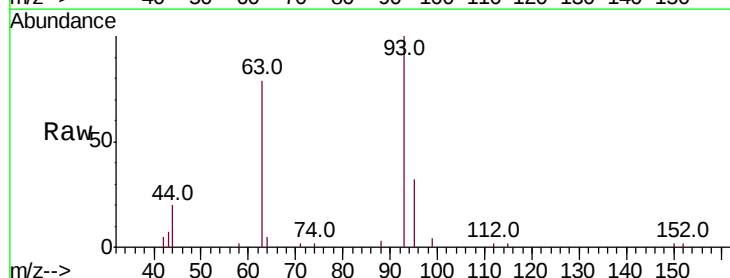
Tgt Ion: 93 Resp: 5910

Ion Ratio Lower Upper

93 100

63 77.7 54.2 81.4

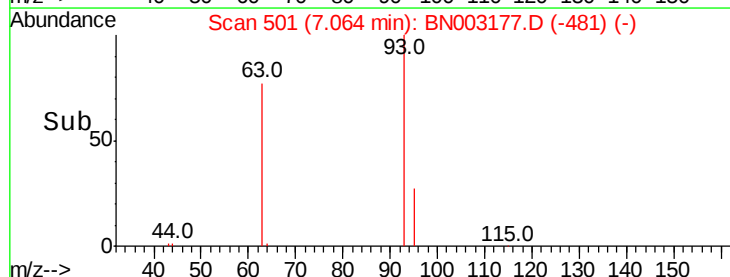
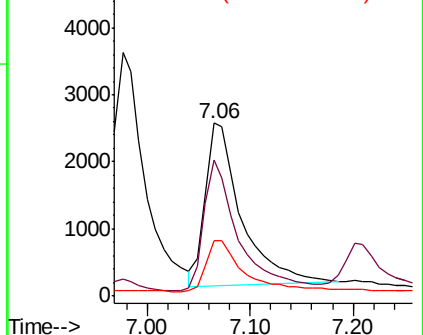
95 34.9 24.9 37.3

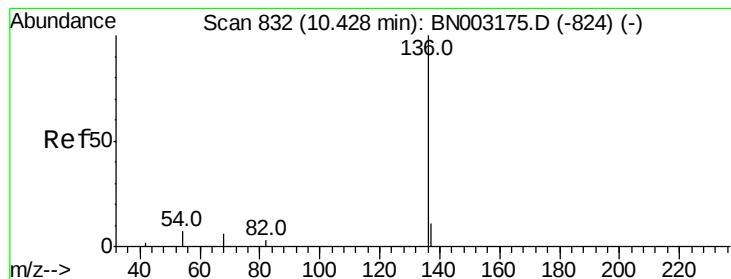


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 5671

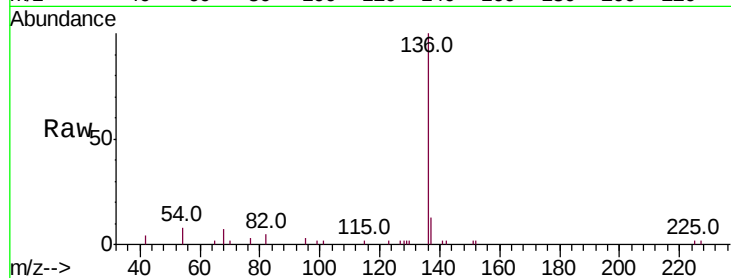
Ion Ratio Lower Upper

136 100

137 12.8 9.4 14.0

54 8.1 7.4 11.0

68 6.8 5.8 8.6

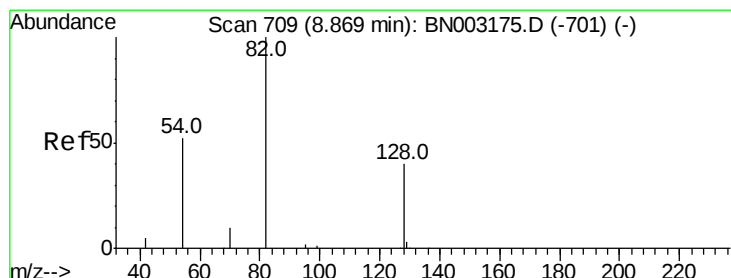
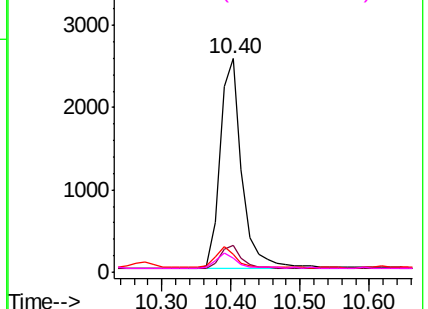
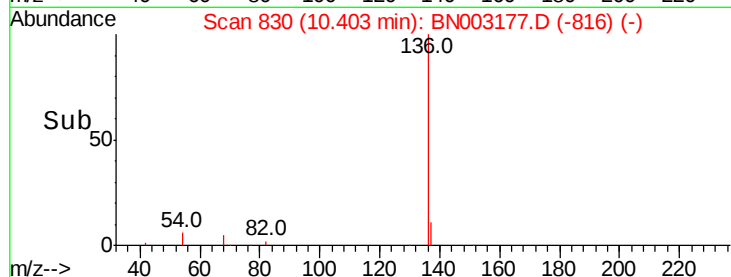


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.818 ng

RT: 8.81 min Scan# 704

Delta R.T. -0.06 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

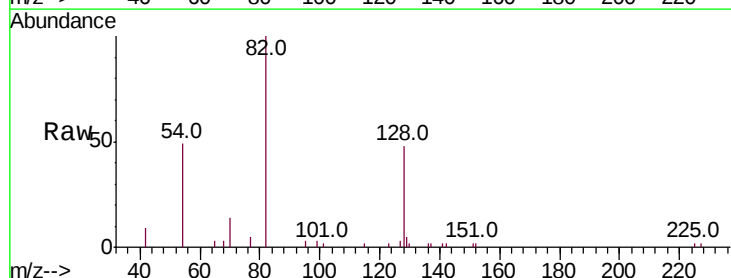
Tgt Ion: 82 Resp: 6350

Ion Ratio Lower Upper

82 100

128 48.1 38.2 57.4

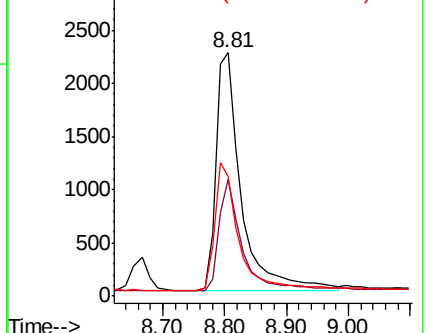
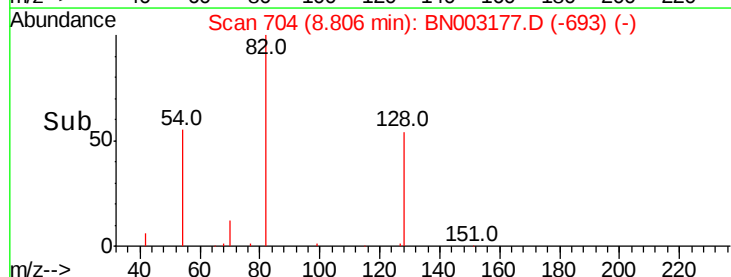
54 49.1 44.1 66.1

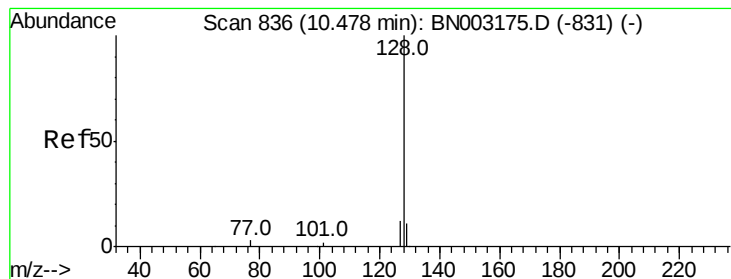


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.692 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.04 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

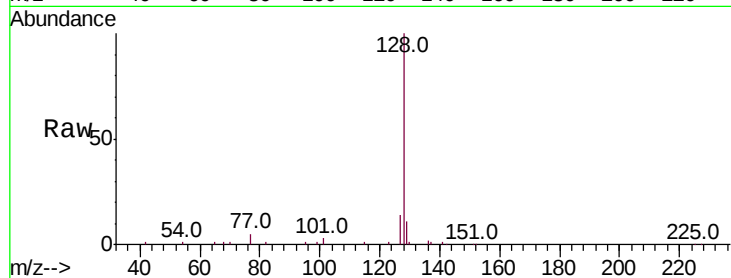
Tot Ion:128 Resp: 21856

Ion Ratio Lower Upper

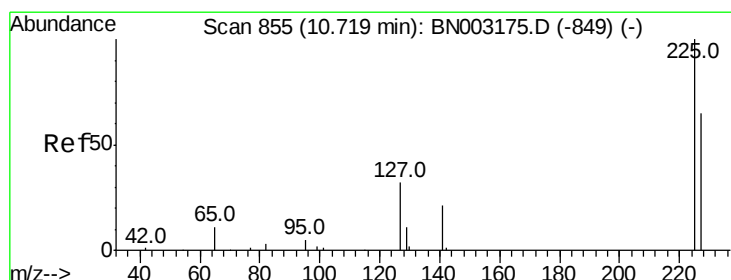
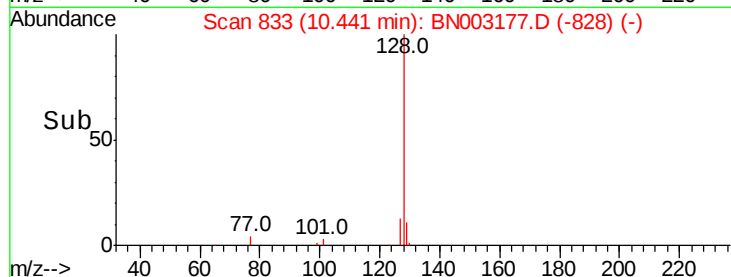
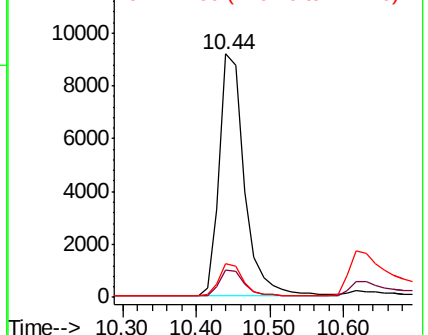
128 100

129 11.5 9.8 14.6

127 13.7 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: 1.616 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

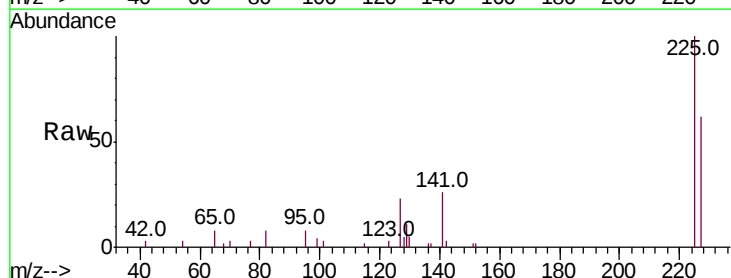
Tgt Ion:225 Resp: 4127

Ion Ratio Lower Upper

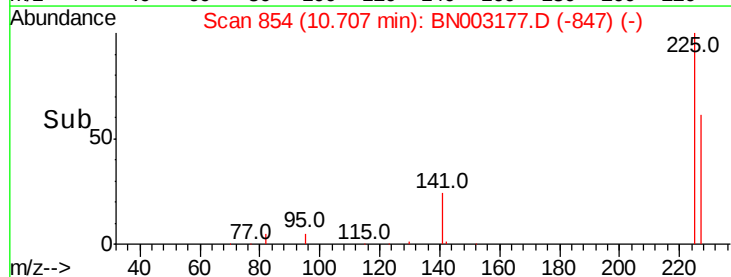
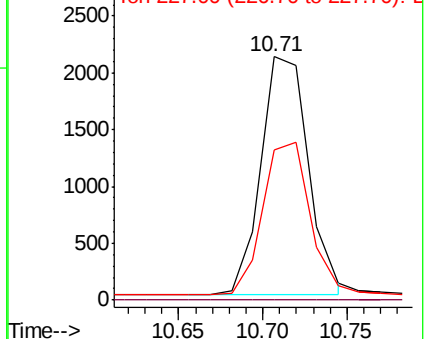
225 100

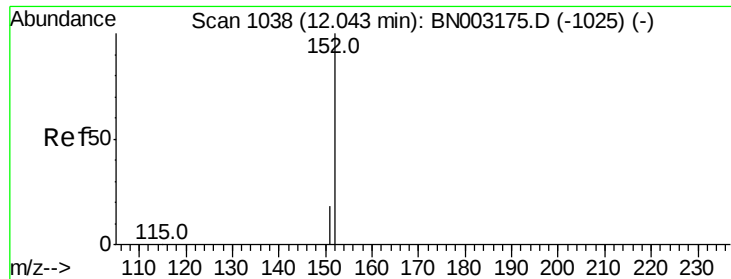
223 0.0 0.0 0.0

227 63.8 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

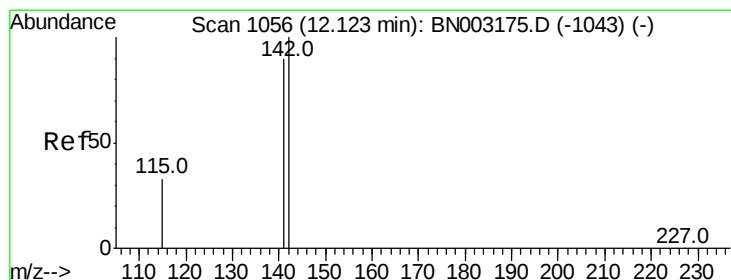
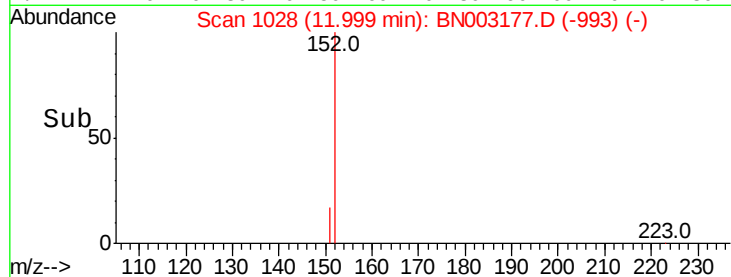
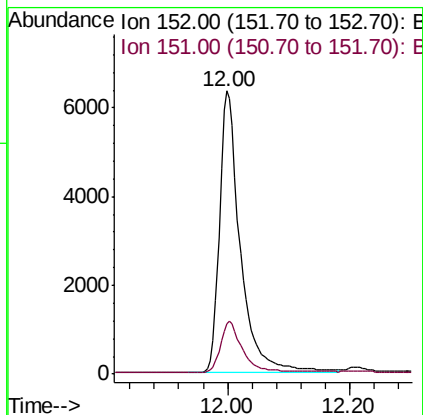
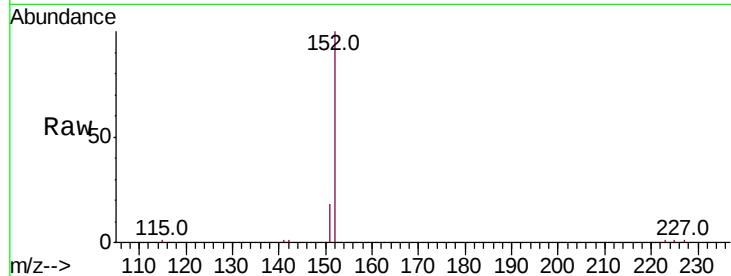




#11
 2-Methylnaphthalene-d10
 Concen: 1.796 ng
 RT: 12.00 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BN003177.D
 Acq: 17 Oct 2018 12:01

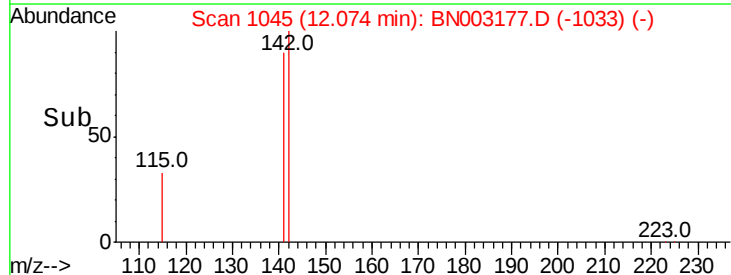
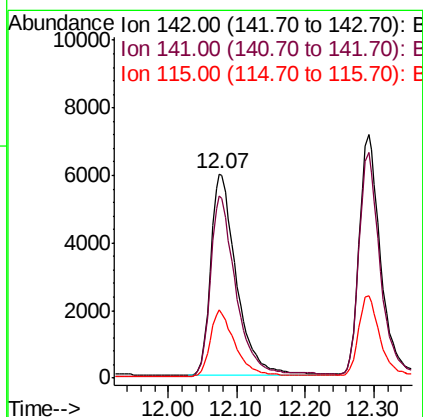
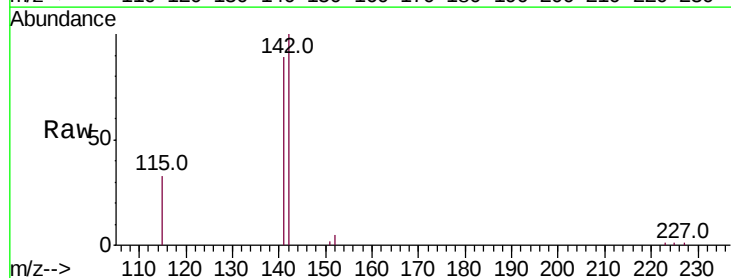
Instrument :
 BNA_N
 ClientSampleId :

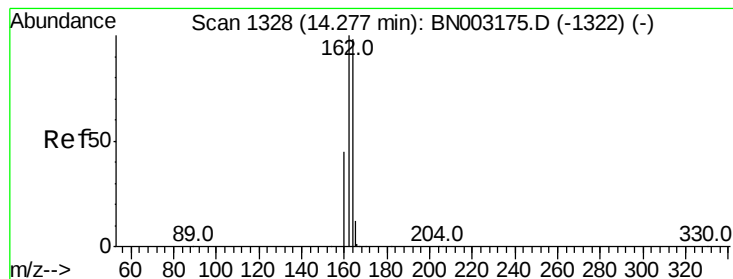
Tot Ion:152 Resp: 15013
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 1.770 ng
 RT: 12.07 min Scan# 1045
 Delta R.T. -0.05 min
 Lab File: BN003177.D
 Acq: 17 Oct 2018 12:01

Tgt Ion:142 Resp: 15659
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.5 107.3
 115 33.2 28.1 42.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

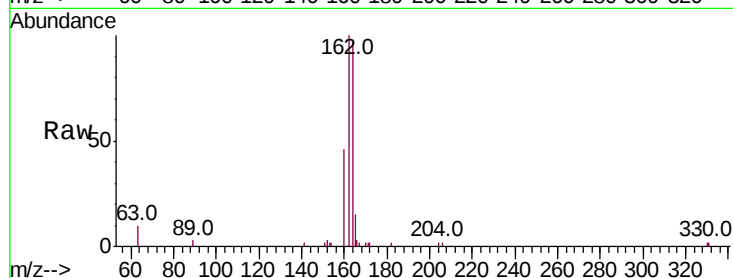
Tot Ion:164 Resp: 3732

Ion Ratio Lower Upper

164 100

162 103.5 81.7 122.5

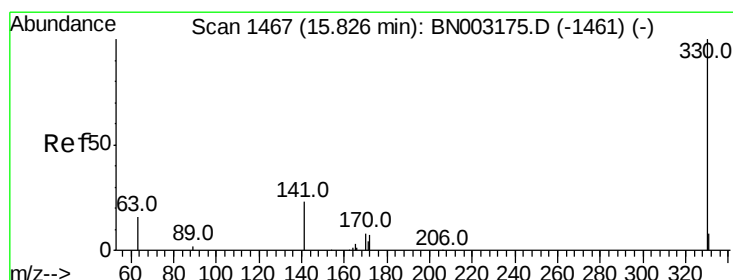
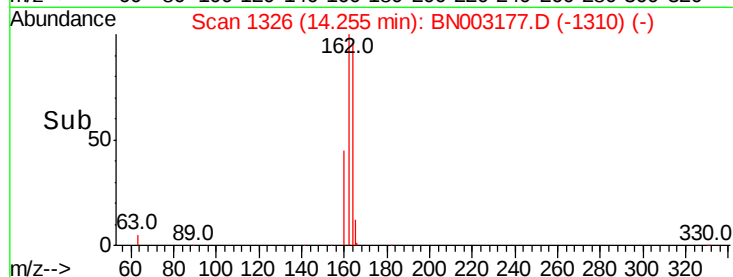
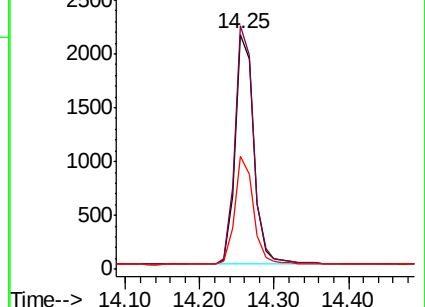
160 47.9 36.3 54.5



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: 1.925 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

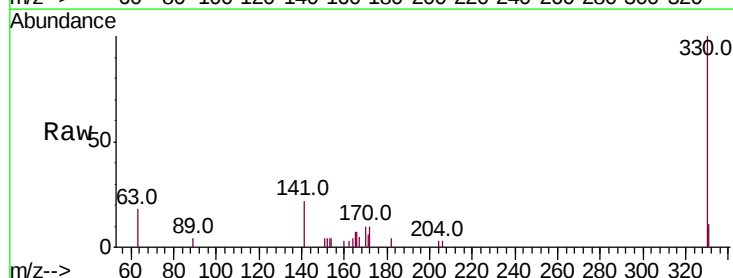
Tgt Ion:330 Resp: 3703

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

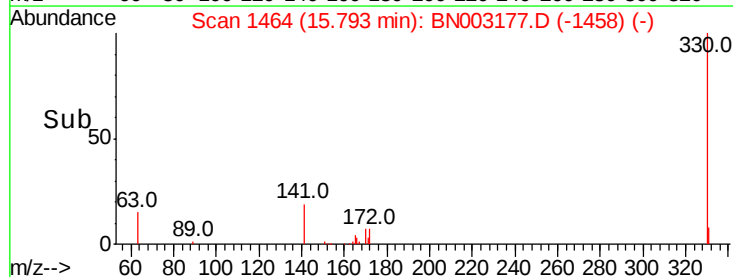
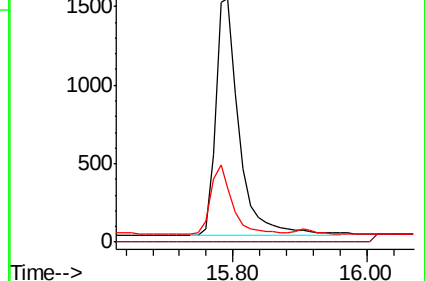
141 26.6 22.6 33.8

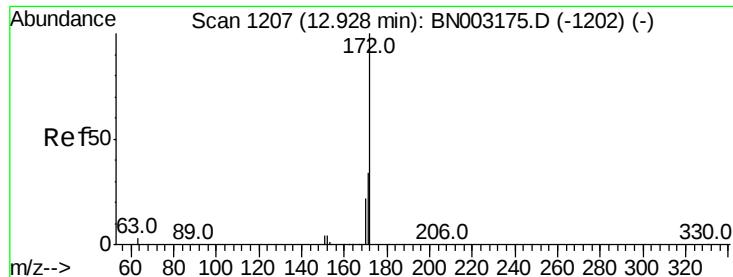


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

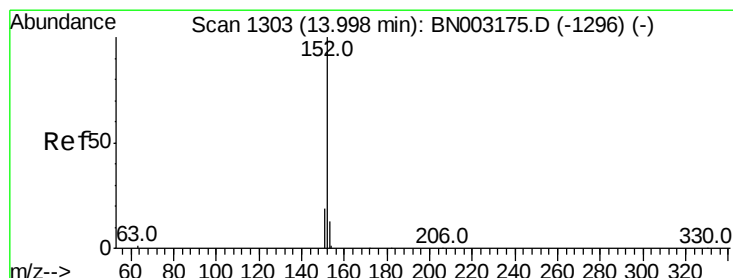
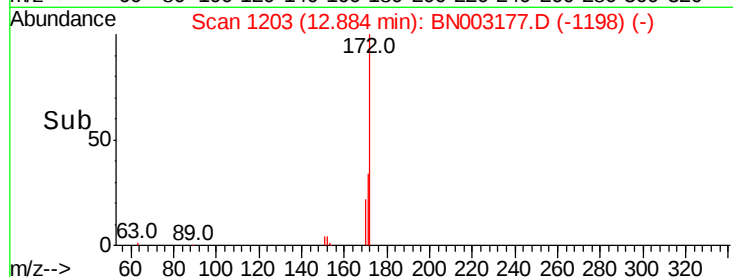
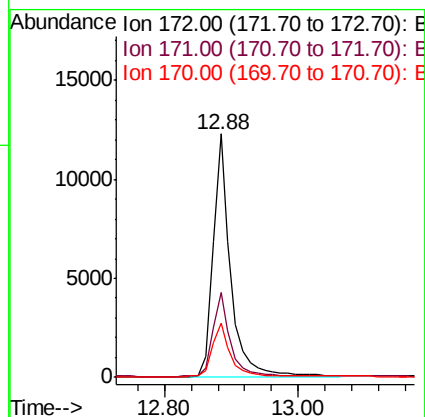
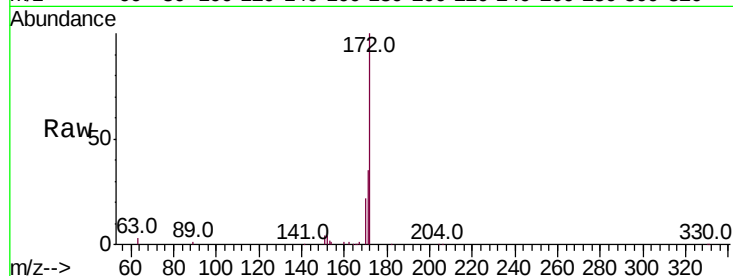




#15
2-Fluorobiphenyl
Concen: 1.646 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

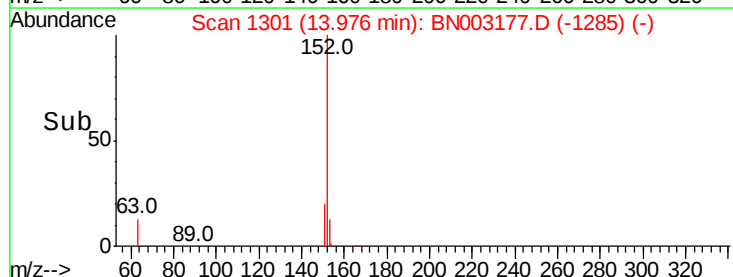
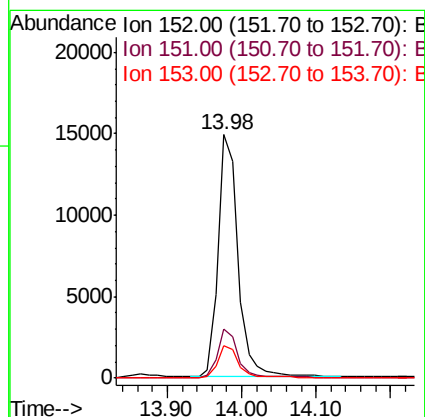
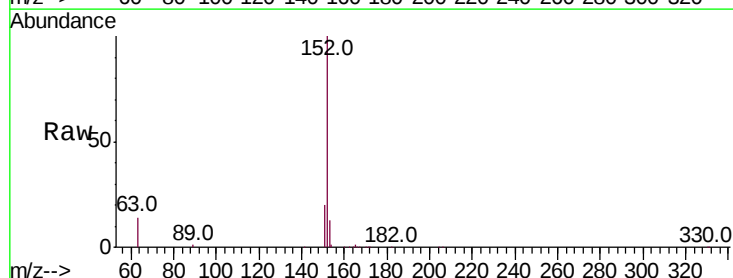
Instrument :
BNA_N
ClientSampleId :

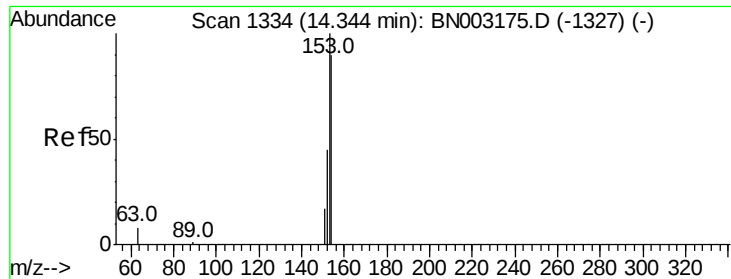
Tot Ion:172 Resp: 22313
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 22.5 18.6 27.8



#16
Acenaphthylene
Concen: 1.800 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:152 Resp: 27792
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 1.740 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

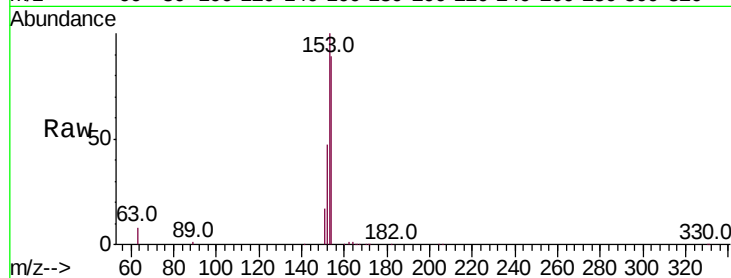
Tot Ion:154 Resp: 18020

Ion Ratio Lower Upper

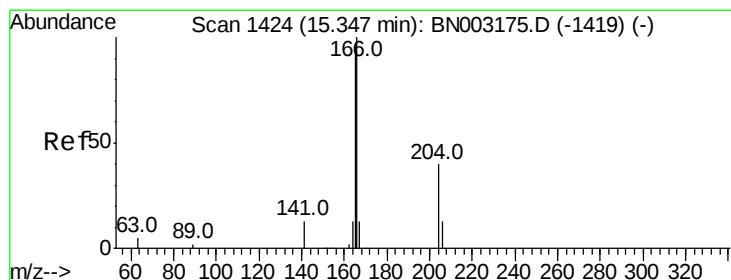
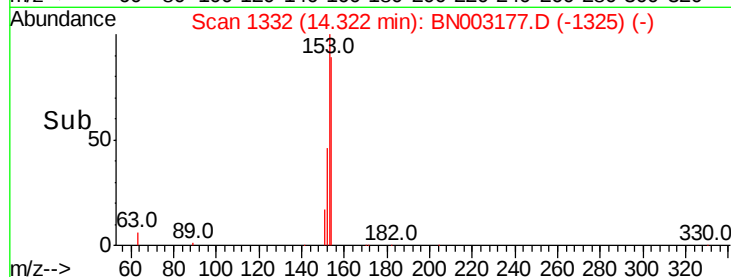
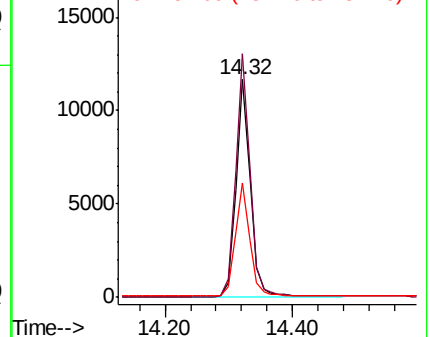
154 100

153 112.4 91.0 136.4

152 52.7 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: 1.794 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.03 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

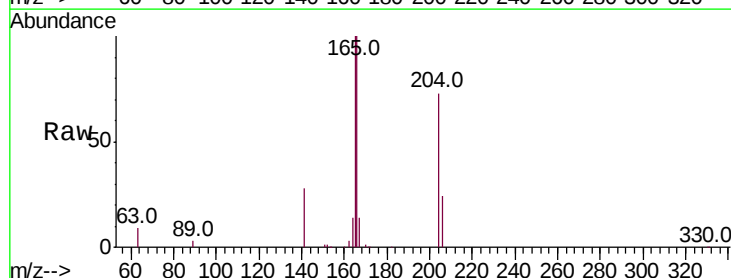
Tgt Ion:166 Resp: 23242

Ion Ratio Lower Upper

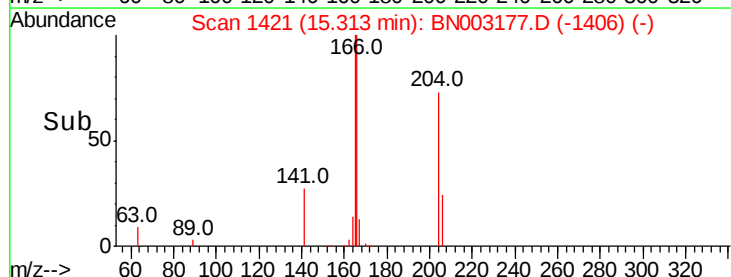
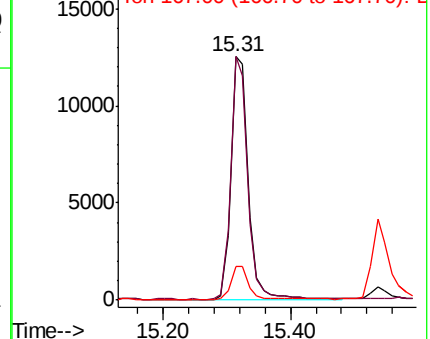
166 100

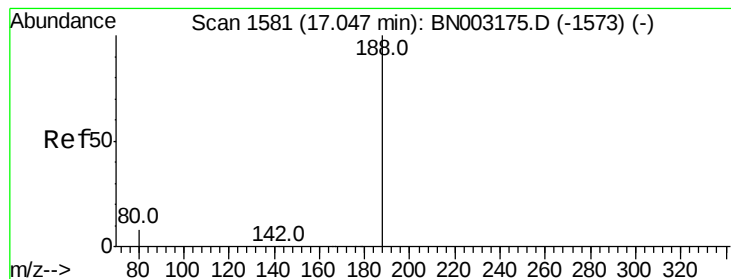
165 97.5 78.2 117.2

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: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

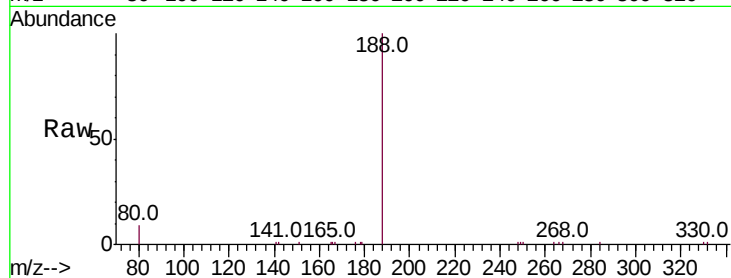
Tot Ion:188 Resp: 9327

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

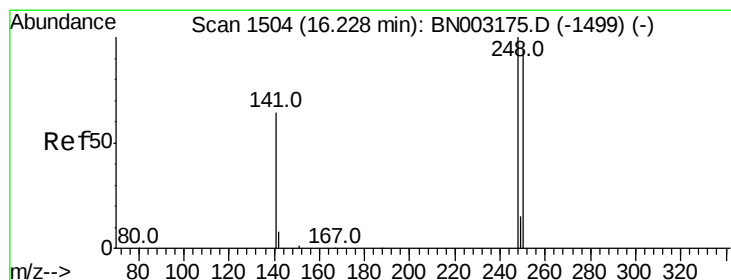
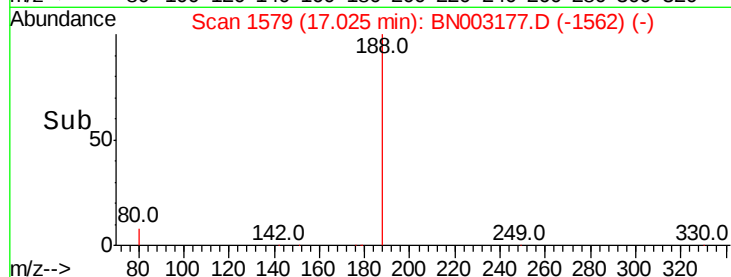
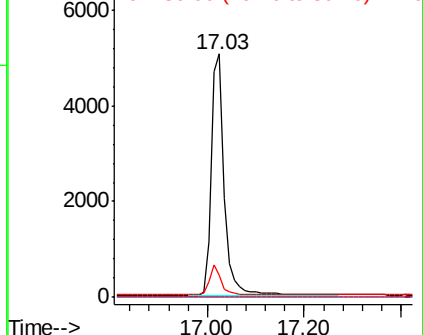
80 8.9 6.7 10.1



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: 1.684 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

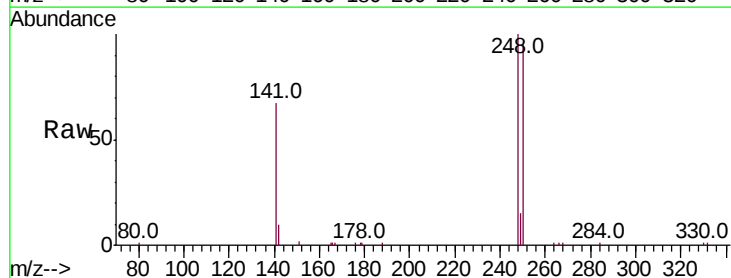
Tgt Ion:248 Resp: 8570

Ion Ratio Lower Upper

248 100

250 94.8 78.9 118.3

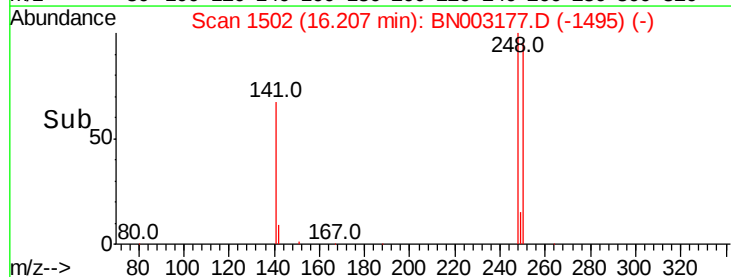
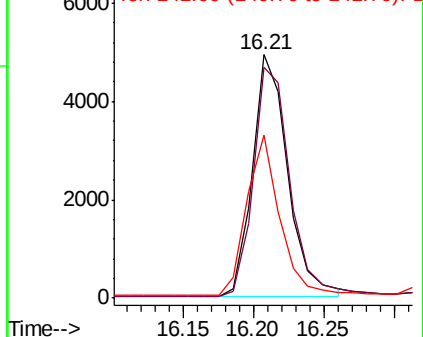
141 66.9 48.5 72.7

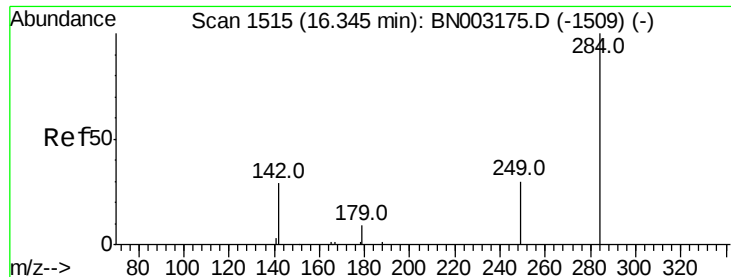


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.669 ng

RT: 16.33 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

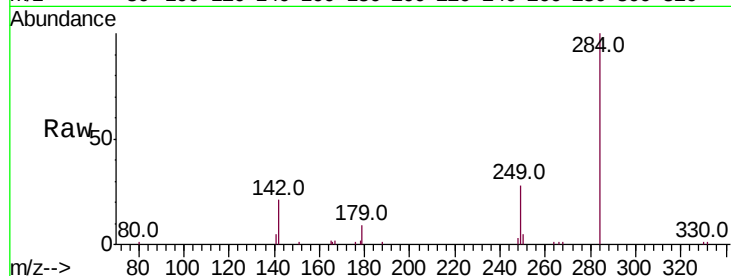
Tot Ion:284 Resp: 9134

Ion Ratio Lower Upper

284 100

142 30.2 24.6 37.0

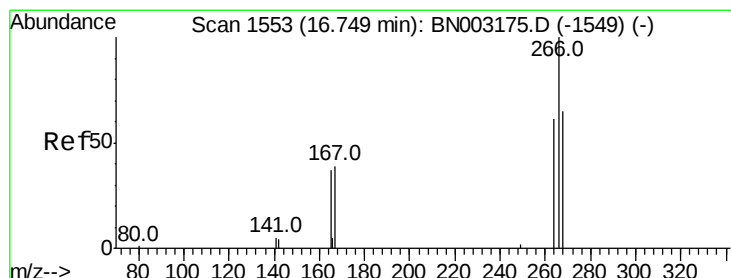
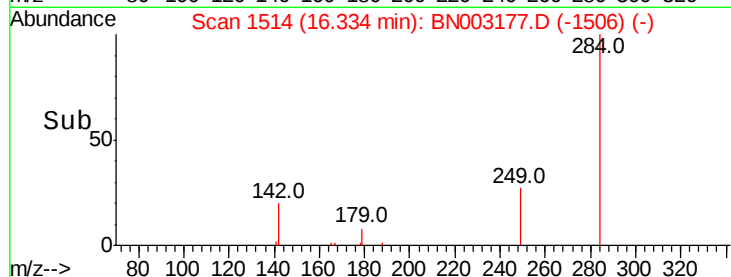
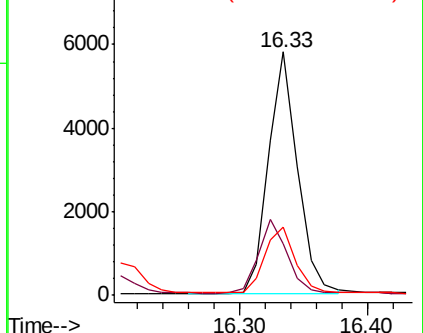
249 28.5 22.3 33.5



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: 1.779 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.03 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

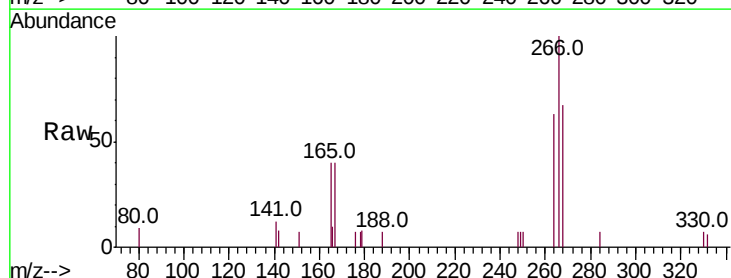
Tgt Ion:266 Resp: 2042

Ion Ratio Lower Upper

266 100

264 63.5 55.0 82.4

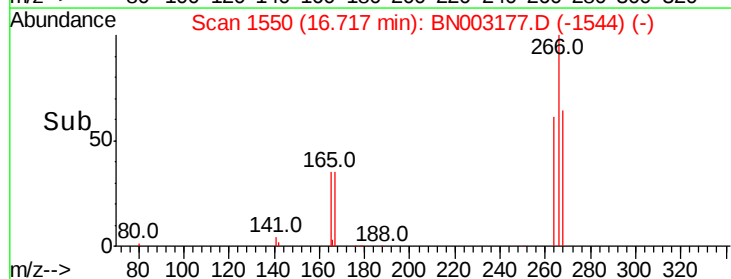
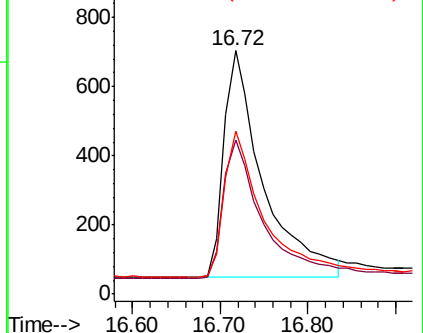
268 67.2 60.6 91.0

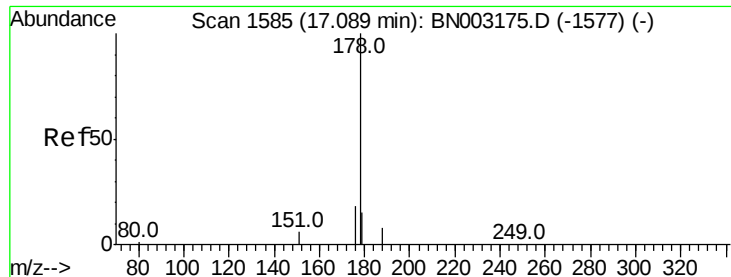


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.687 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.03 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

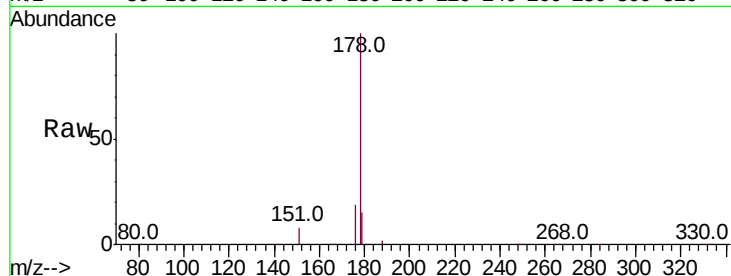
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 38924

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.3	18.5

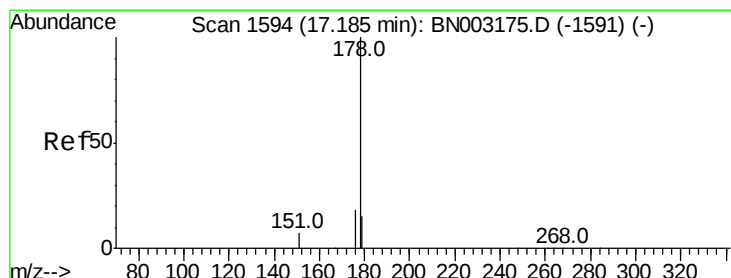
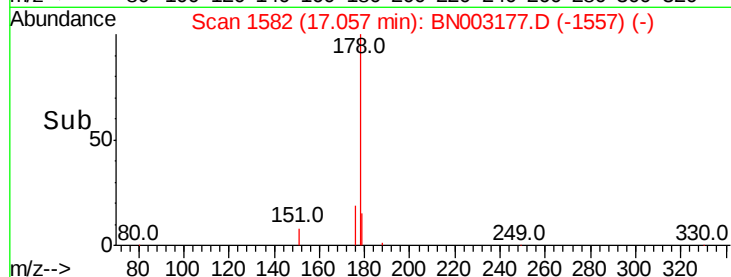
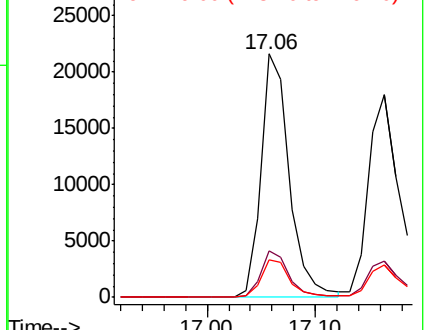


Abundance

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: 1.813 ng

RT: 17.16 min Scan# 1592

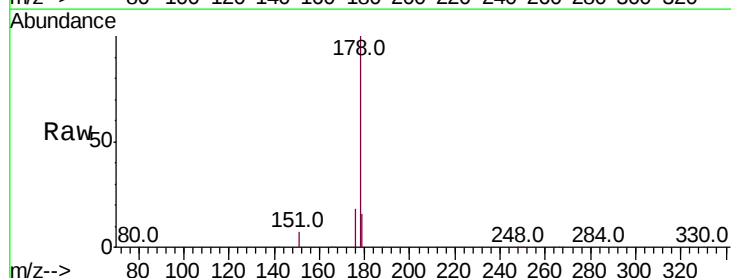
Delta R.T. -0.02 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Tgt Ion:178 Resp: 36888

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.3	18.5

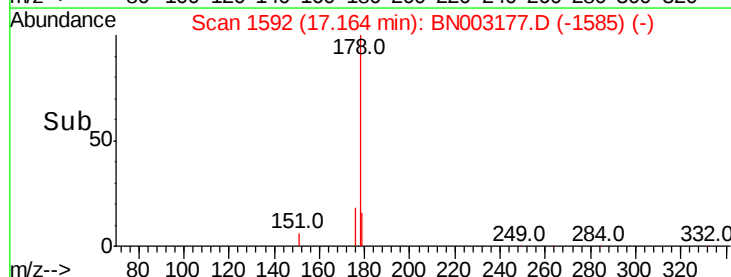
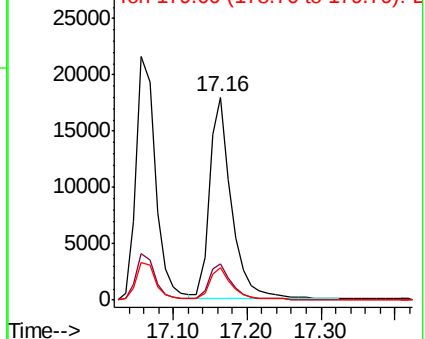


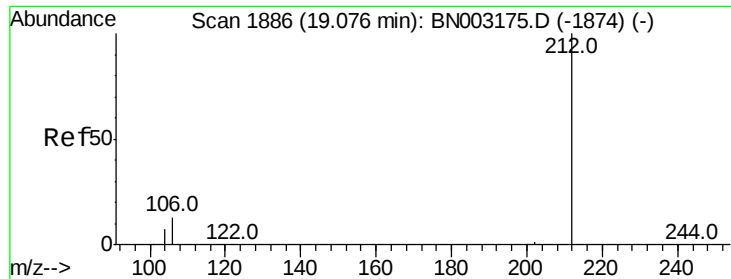
Abundance

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





#25

Fluoranthene-d10

Concen: 1.856 ng

RT: 19.06 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

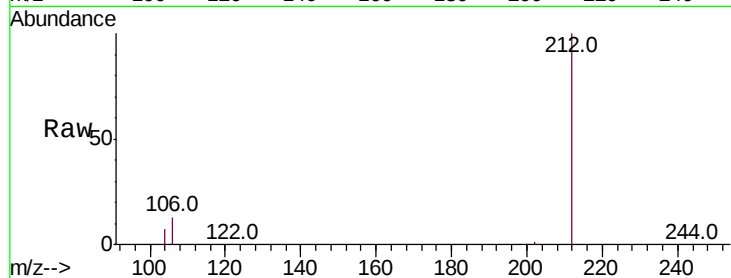
Tot Ion:212 Resp: 44809

Ion Ratio Lower Upper

212 100

106 13.1 10.2 15.4

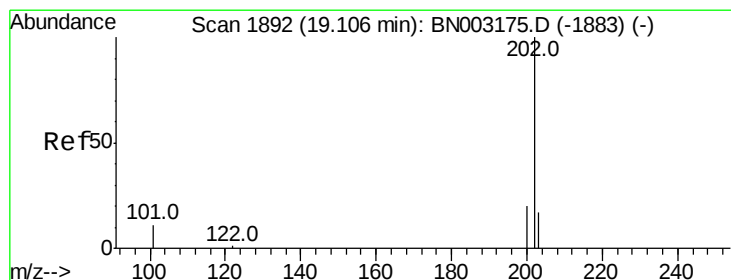
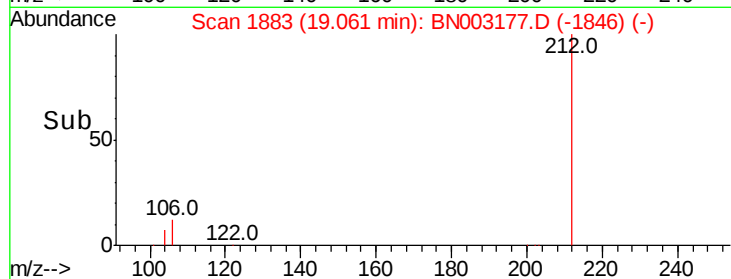
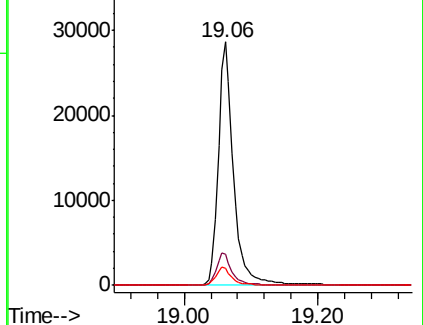
104 7.4 5.8 8.6



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: 1.867 ng

RT: 19.09 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

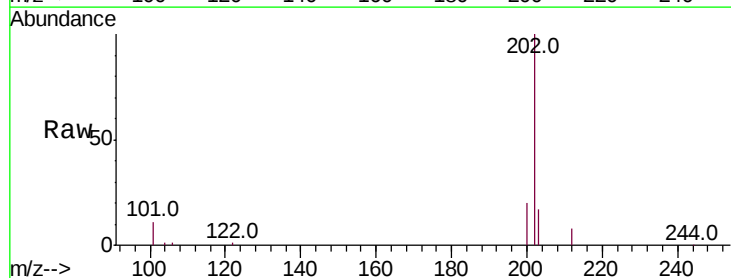
Tgt Ion:202 Resp: 48846

Ion Ratio Lower Upper

202 100

101 10.9 8.6 12.8

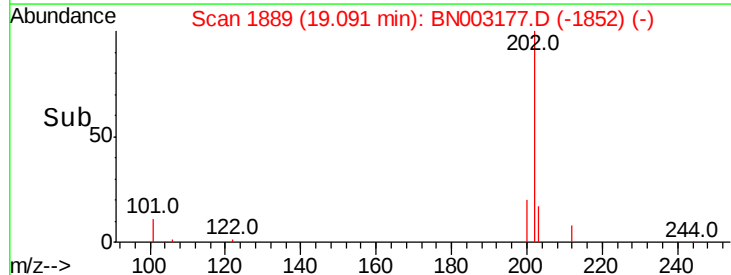
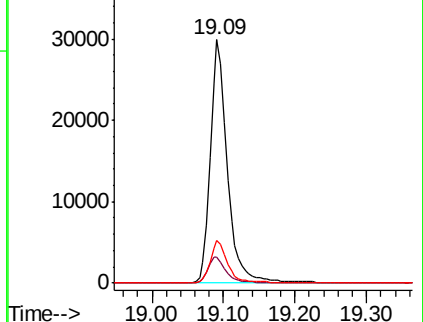
203 17.2 13.7 20.5

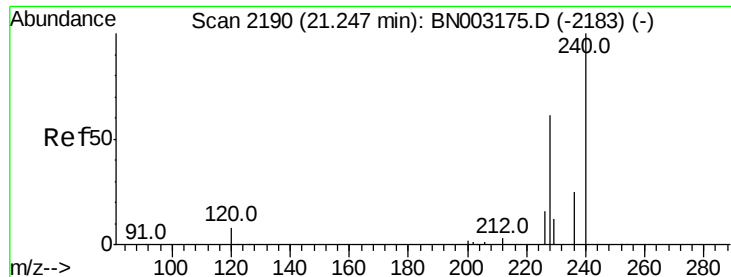


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

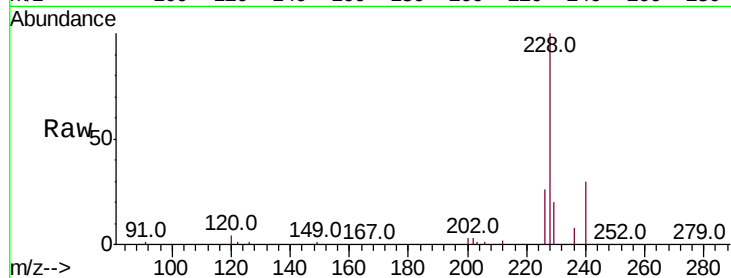
Tot Ion:240 Resp: 11452

Ion Ratio Lower Upper

240 100

120 14.0 7.8 11.8#

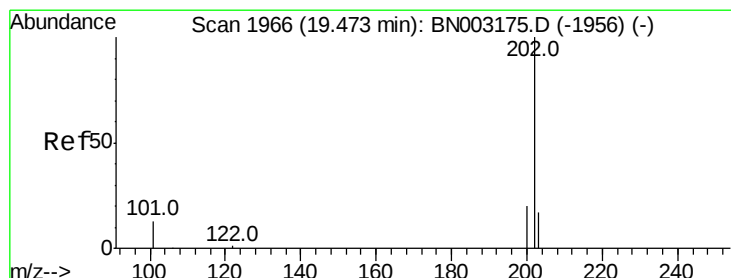
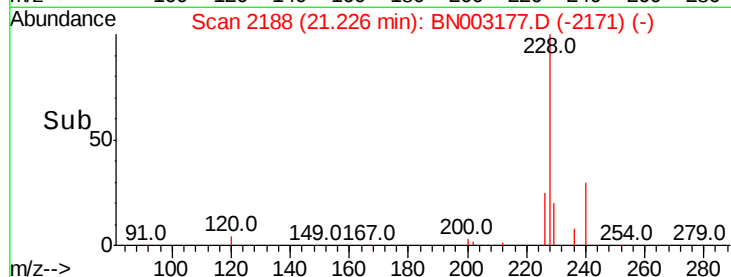
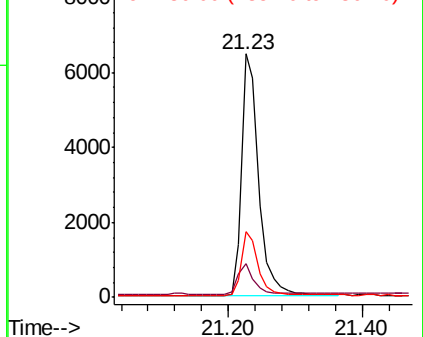
236 27.1 21.0 31.4



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: 1.506 ng

RT: 19.46 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

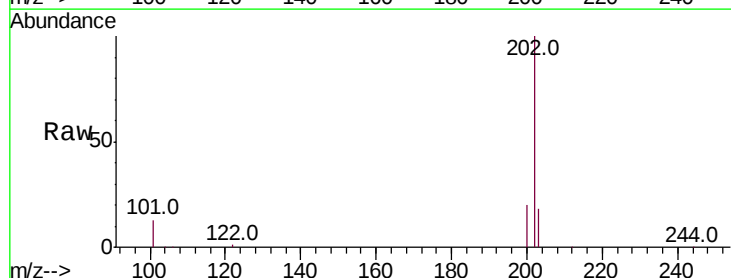
Tgt Ion:202 Resp: 50582

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

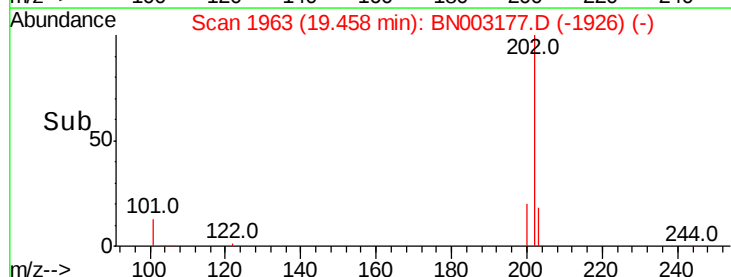
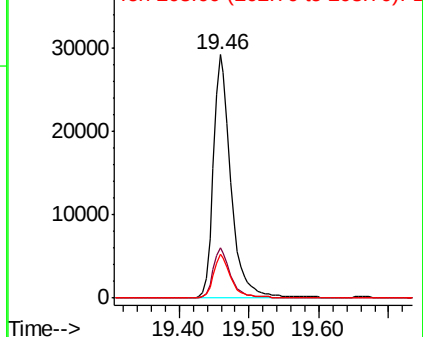
203 17.5 14.2 21.2

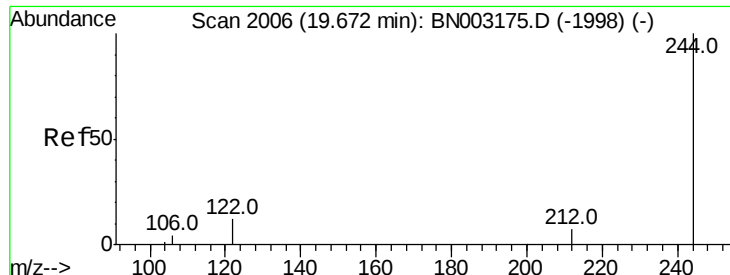


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.493 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

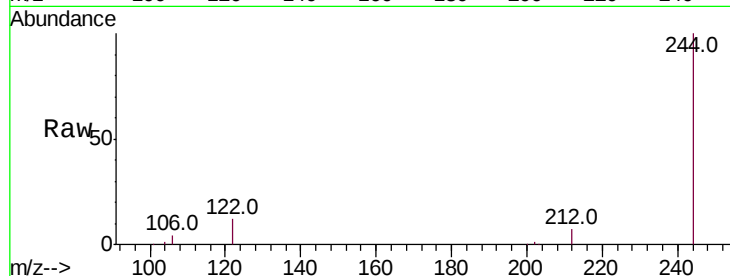
Tot Ion:244 Resp: 37760

Ion Ratio Lower Upper

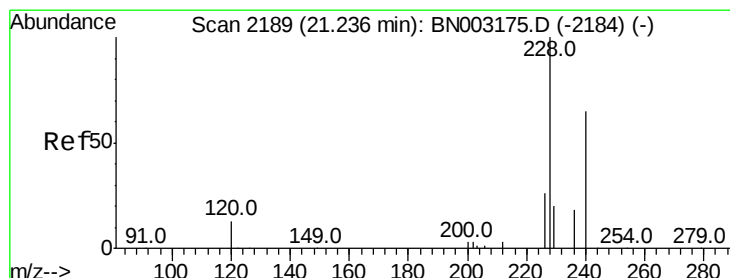
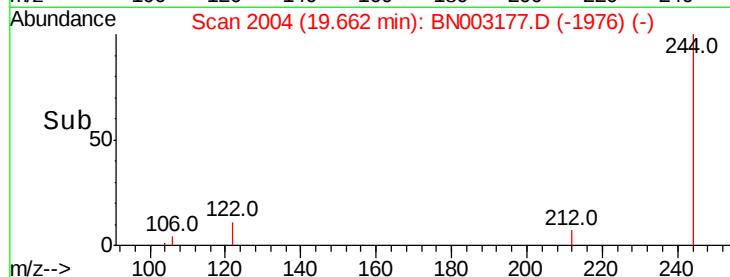
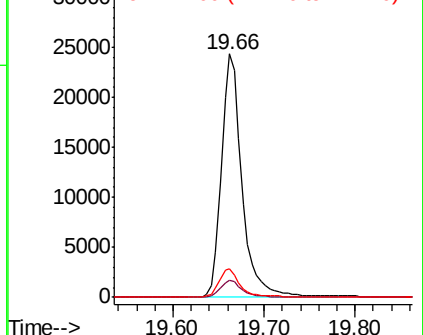
244 100

212 6.8 6.2 9.4

122 11.5 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: 1.869 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

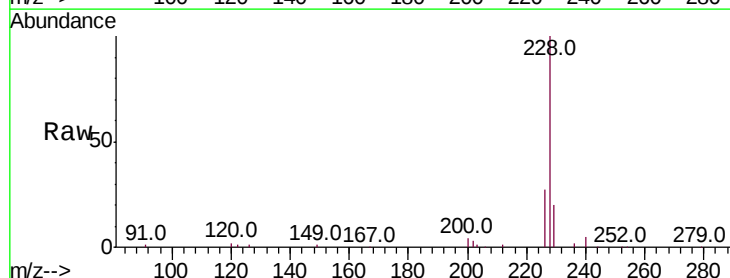
Tgt Ion:228 Resp: 50076

Ion Ratio Lower Upper

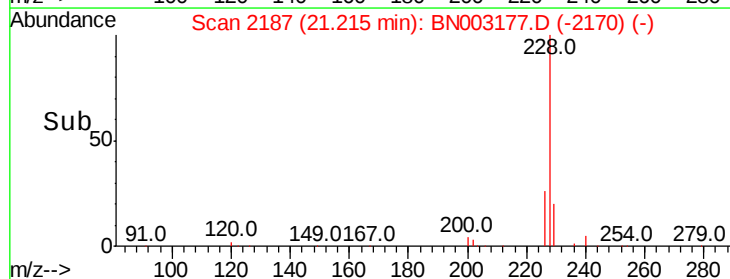
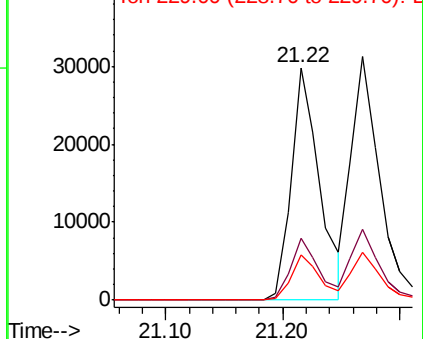
228 100

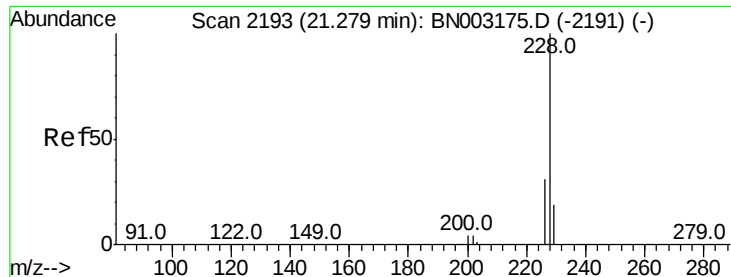
226 26.6 21.4 32.2

229 19.7 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: 1.566 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

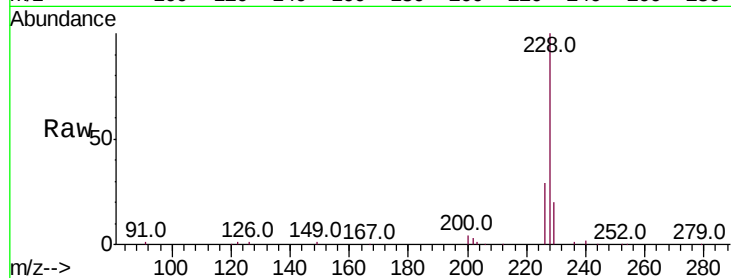
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 52355

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.1	34.7
229	19.6	15.9	23.9

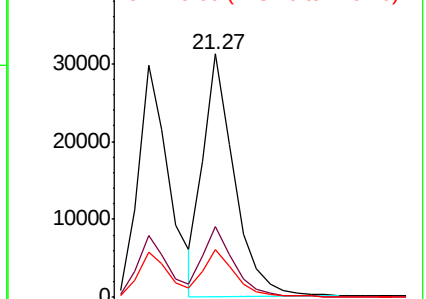


Abundance

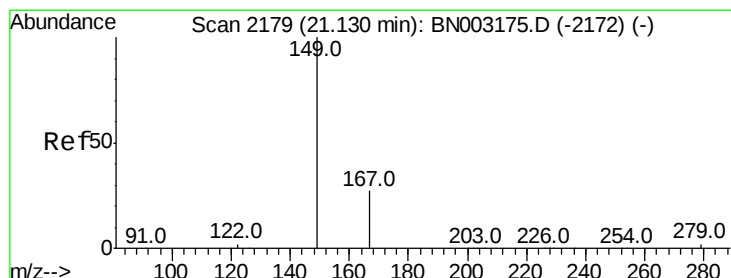
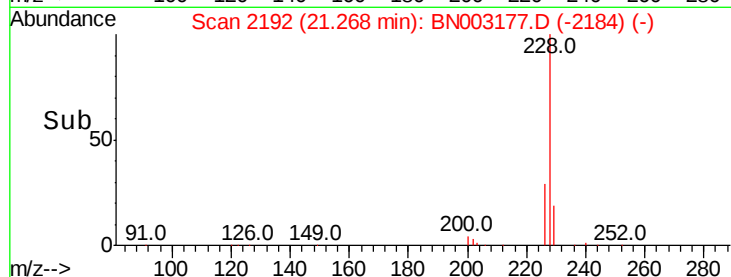
Ion 228.00 (227.70 to 228.70): E

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: 1.637 ng

RT: 21.13 min Scan# 2179

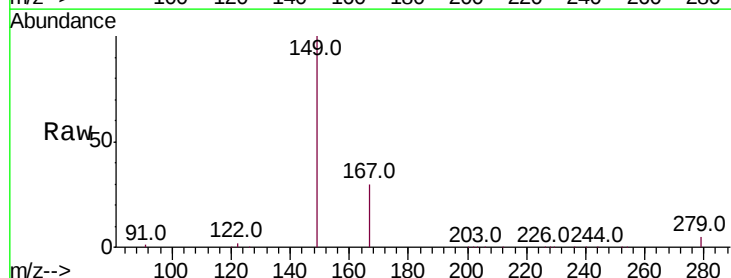
Delta R.T. 0.00 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Tgt Ion:149 Resp: 29428

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	4.8	3.7	5.5

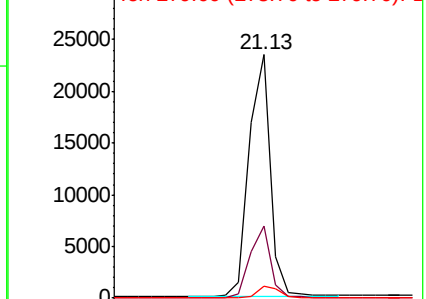


Abundance

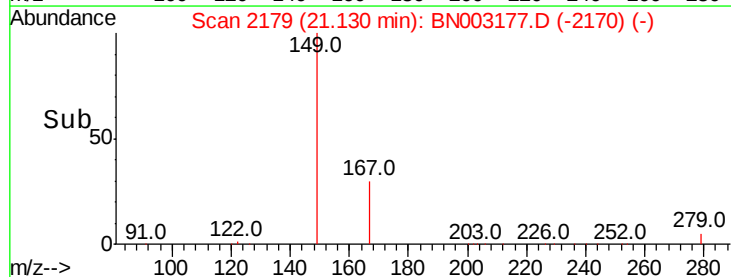
Ion 149.00 (148.70 to 149.70): E

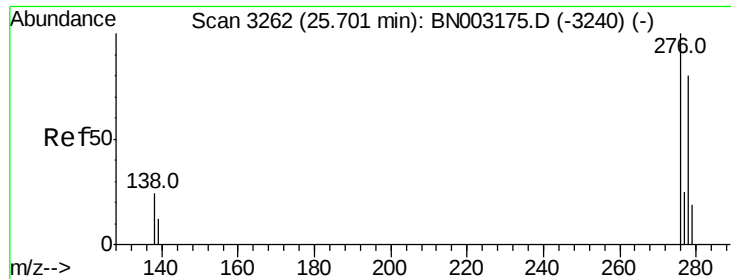
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 2.305 ng

RT: 25.67 min Scan# 3252

Delta R.T. -0.03 min

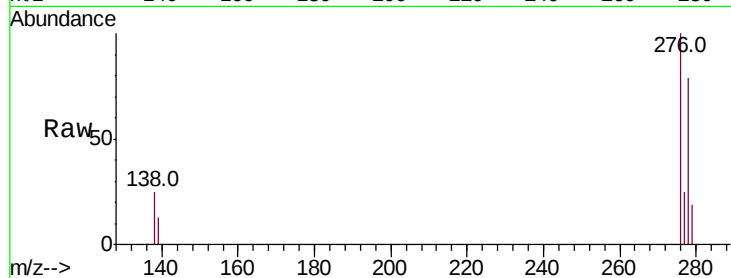
Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampled :



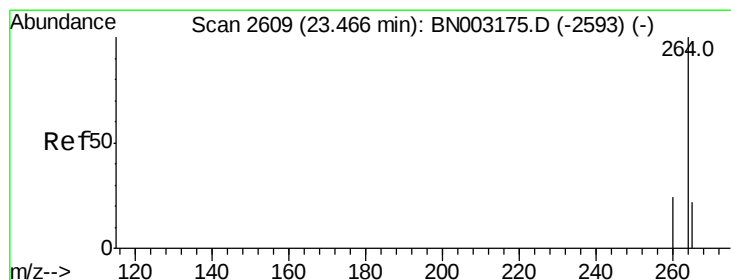
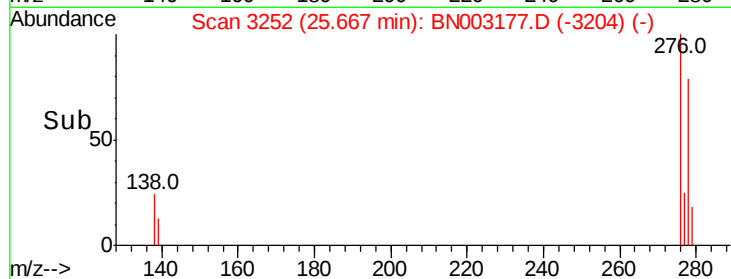
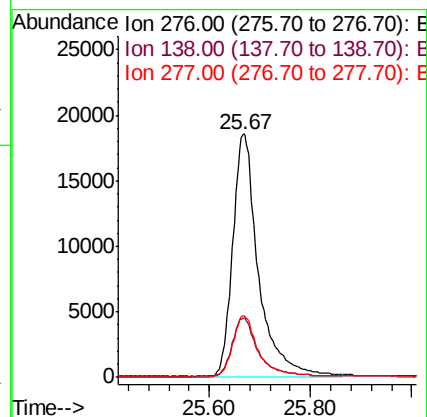
Tot Ion:276 Resp: 65391

Ion Ratio Lower Upper

276 100

138 24.4 18.2 27.4

277 25.1 20.2 30.4



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

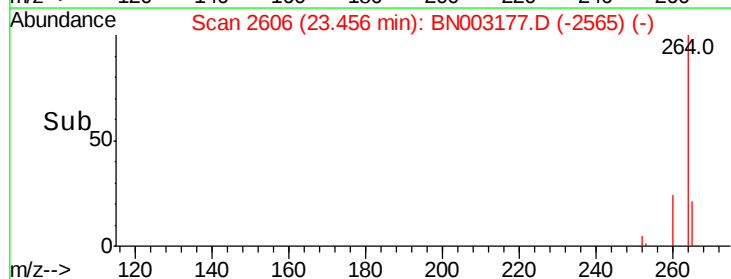
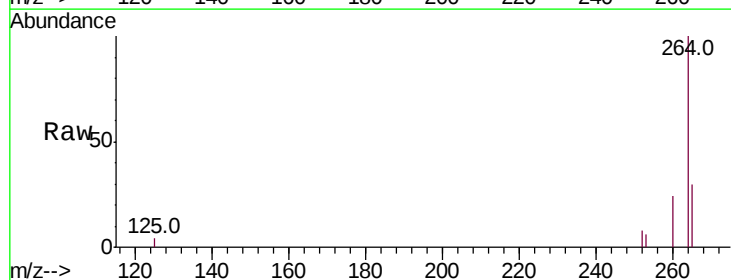
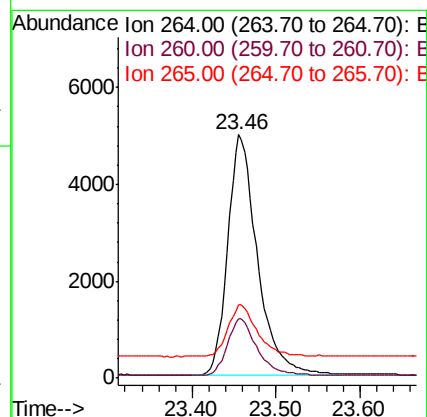
Tgt Ion:264 Resp: 12154

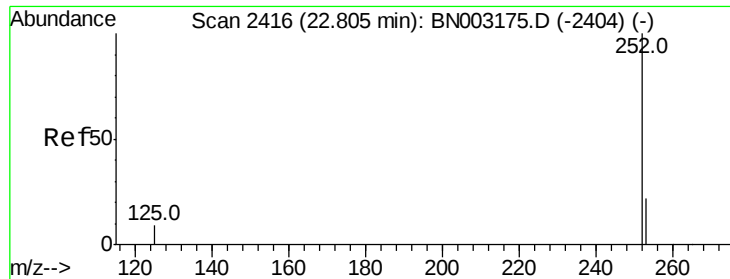
Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 29.9 27.6 41.4

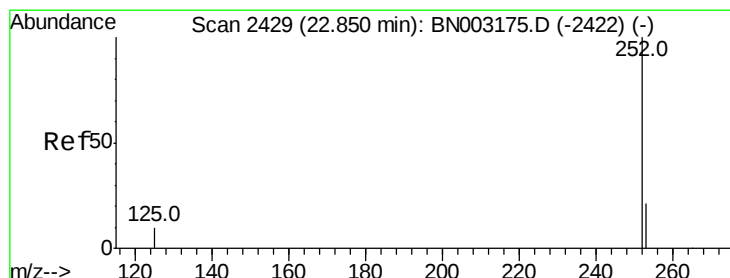
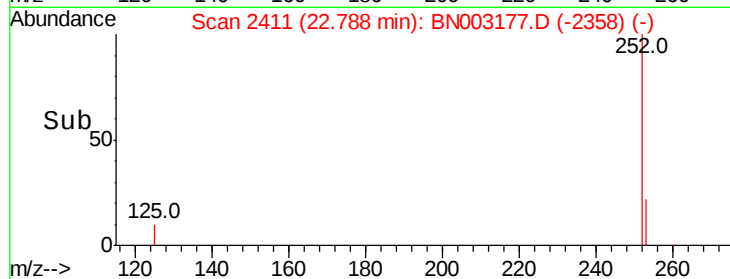
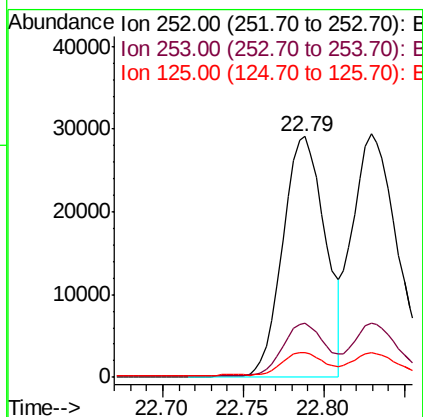
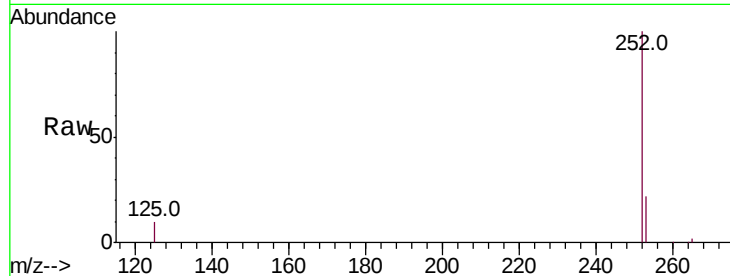




#35
Benzo(b)fluoranthene
Concen: 1.558 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

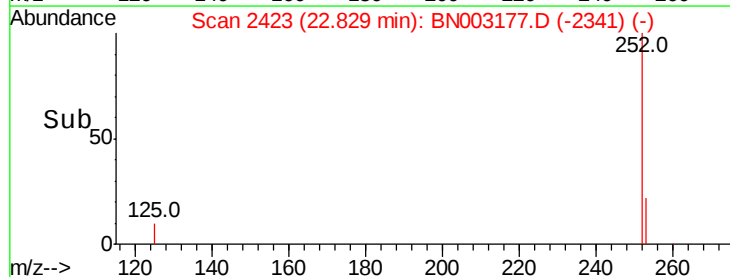
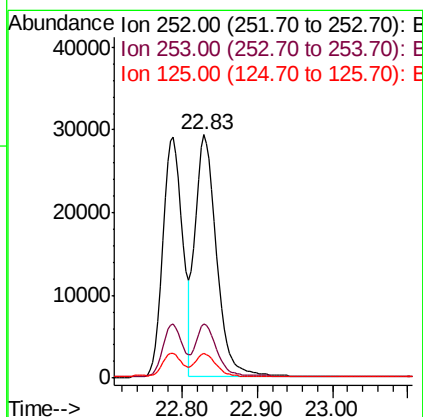
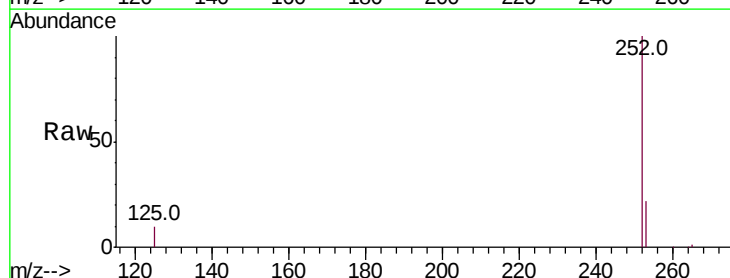
Instrument :
BNA_N
ClientSampleId :

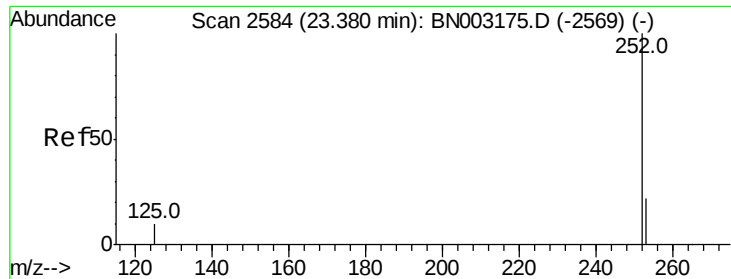
Tot Ion:252 Resp: 52903
Ion Ratio Lower Upper
252 100
253 22.3 20.8 31.2
125 10.3 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 1.580 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.02 min
Lab File: BN003177.D
Acq: 17 Oct 2018 12:01

Tgt Ion:252 Resp: 58691
Ion Ratio Lower Upper
252 100
253 22.2 20.5 30.7
125 10.3 9.4 14.0





#37

Benzo(a)pyrene

Concen: 1.678 ng

RT: 23.36 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :

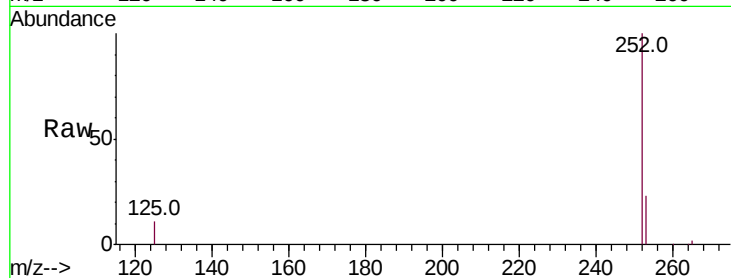
Tot Ion:252 Resp: 52916

Ion Ratio Lower Upper

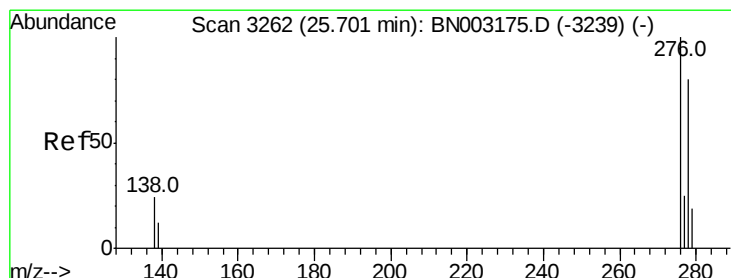
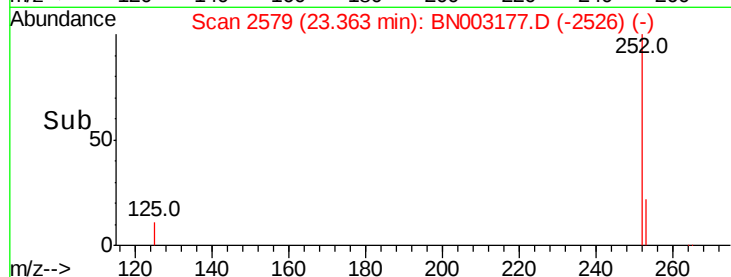
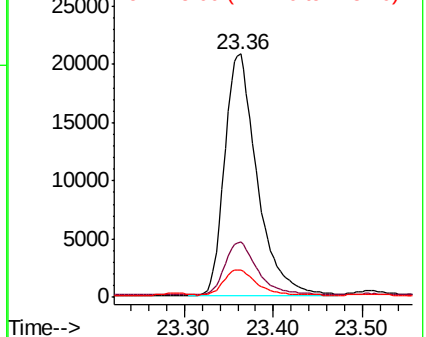
252 100

253 22.6 22.4 33.6

125 11.4 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: 1.915 ng

RT: 25.67 min Scan# 3253

Delta R.T. -0.03 min

Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

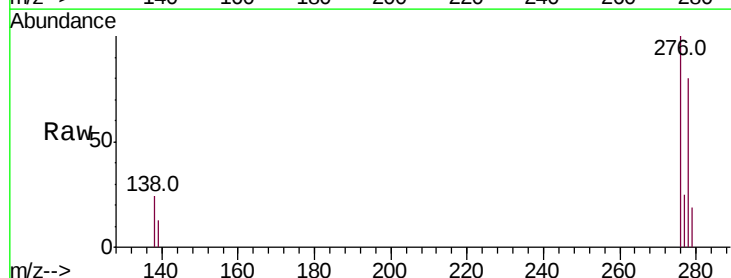
Tgt Ion:278 Resp: 54915

Ion Ratio Lower Upper

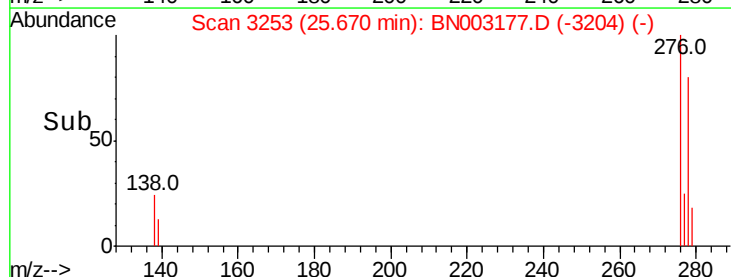
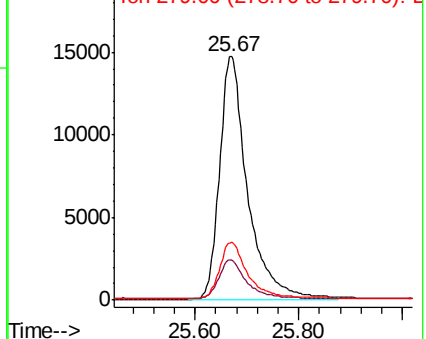
278 100

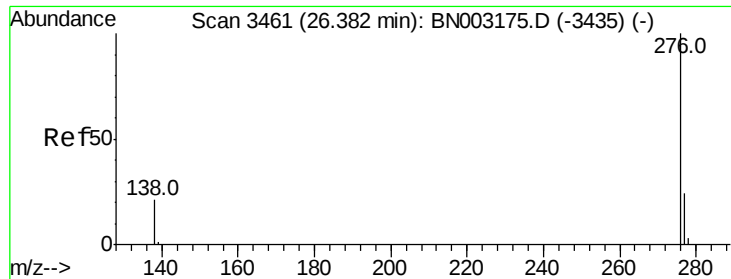
139 16.5 14.6 21.8

279 23.6 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: 1.864 ng

RT: 26.35 min Scan# 3451

Delta R.T. -0.03 min

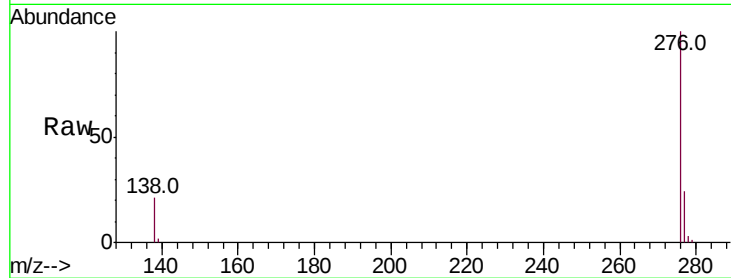
Lab File: BN003177.D

Acq: 17 Oct 2018 12:01

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 54714

Ion Ratio Lower Upper

276 100

277 24.0 21.0 31.4

138 21.3 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

