

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003178.D
 Acq On : 17 Oct 2018 12:36
 Operator : MJ/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 17 13:08:51 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	1134	0.40	ng	-0.02
7) Naphthalene-d8	10.39	136	4892	0.40	ng	-0.04
13) Acenaphthene-d10	14.25	164	3173	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	7743	0.40	ng	-0.03
27) Chrysene-d12	21.23	240	9639	0.40	ng	-0.02
34) Perylene-d12	23.46	264	10049	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	8632	3.12	ng	-0.03
5) Phenol-d6	0.00	99	0	0.00	ng	
8) Nitrobenzene-d5	8.79	82	11700	3.88	ng	-0.08
11) 2-Methylnaphthalene-d10	11.99	152	26696	3.70	ng	-0.05
14) 2,4,6-Tribromophenol	15.78	330	6751	4.13	ng	-0.04
15) 2-Fluorobiphenyl	12.87	172	39669	3.44	ng	-0.06
25) Fluoranthene-d10	19.06	212	77680	3.88	ng	-0.02
29) Terphenyl-d14	19.66	244	64807	3.04	ng	-0.01

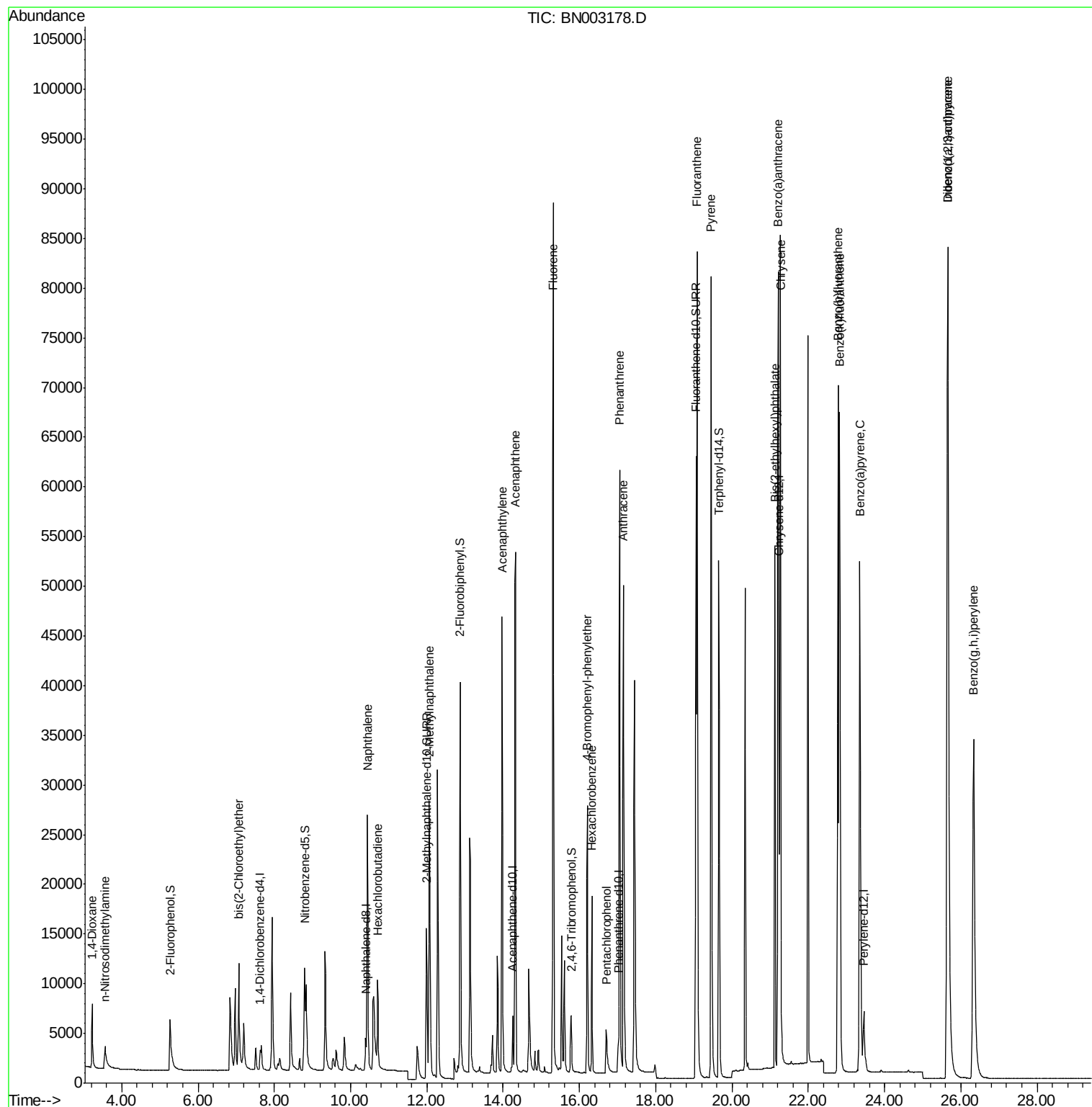
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	4609	3.653	ng	97
3) n-Nitrosodimethylamine	3.55	42	2809	4.415	ng	# 92
6) bis(2-Chloroethyl)ether	7.06	93	10603	3.377	ng	89
9) Naphthalene	10.44	128	38511	3.456	ng	97
10) Hexachlorobutadiene	10.71	225	7170	3.255	ng	# 99
12) 2-Methylnaphthalene	12.07	142	28033	3.674	ng	99
16) Acenaphthylene	13.98	152	50457	3.843	ng	100
17) Acenaphthene	14.32	154	31580	3.586	ng	99
18) Fluorene	15.31	166	40818	3.705	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	15175	3.593	ng	# 94
21) Hexachlorobenzene	16.32	284	15958	3.512	ng	99
22) Pentachlorophenol	16.71	266	4009	4.206	ng	89
23) Phenanthrene	17.06	178	67554	3.526	ng	100
24) Anthracene	17.15	178	64692	3.830	ng	99
26) Fluoranthene	19.09	202	84231	3.878	ng	99
28) Pyrene	19.45	202	87208	3.085	ng	100
30) Benzo(a)anthracene	21.22	228	84506	3.748	ng	98
31) Chrysene	21.27	228	93687	3.330	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	52285	3.455	ng	99
33) Indeno(1,2,3-cd)pyrene	25.66	276	112416	4.709	ng	98
35) Benzo(b)fluoranthene	22.78	252	90840	3.235	ng	93
36) Benzo(k)fluoranthene	22.82	252	100153	3.261	ng	94
37) Benzo(a)pyrene	23.35	252	90869	3.484	ng	# 90
38) Dibenzo(a,h)anthracene	25.66	278	94166	3.973	ng	92
39) Benzo(g,h,i)perylene	26.33	276	93549	3.855	ng	96

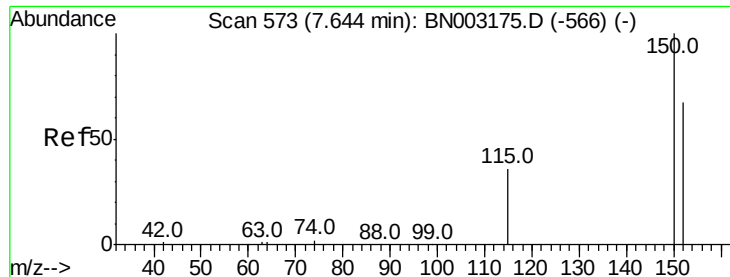
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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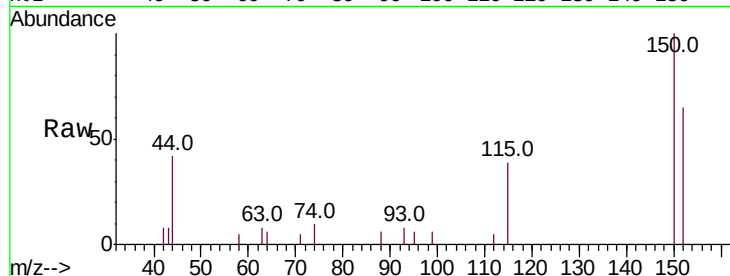


#1

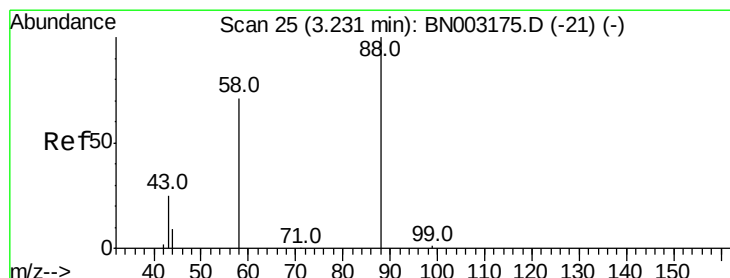
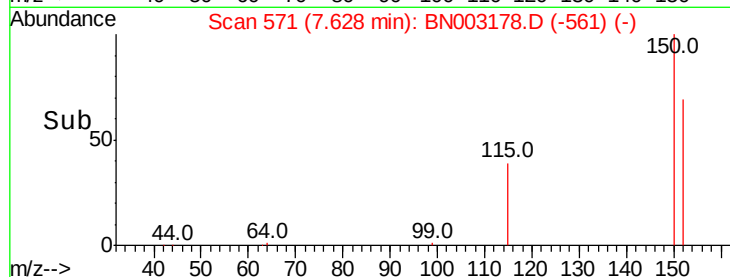
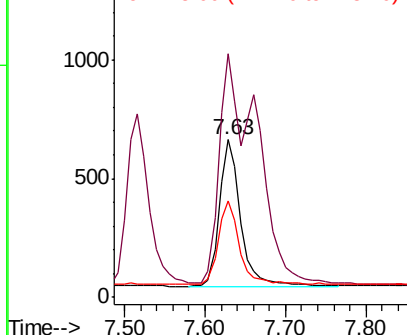
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1134
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.4
115 60.9 49.8 74.6



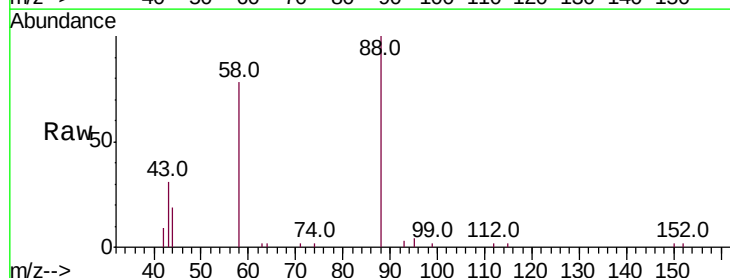
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



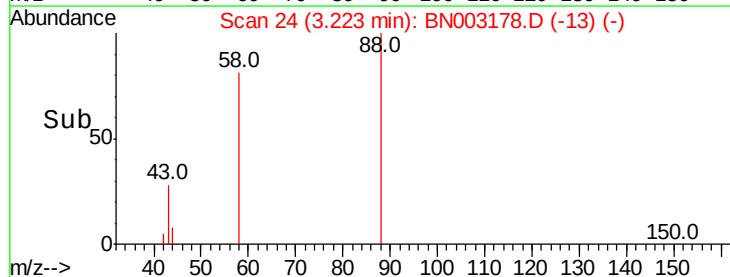
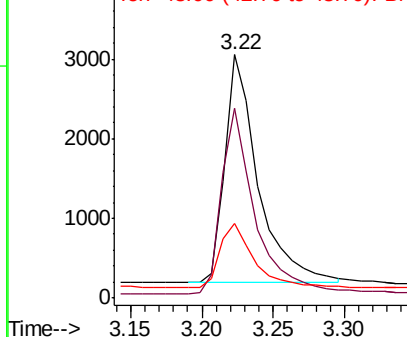
#2

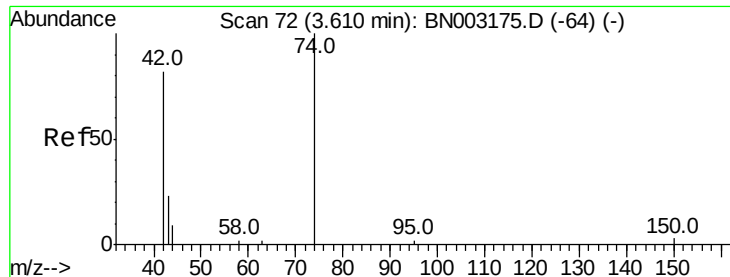
1,4-Dioxane
Concen: 3.653 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion: 88 Resp: 4609
Ion Ratio Lower Upper
88 100
58 81.0 66.7 100.1
43 28.3 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

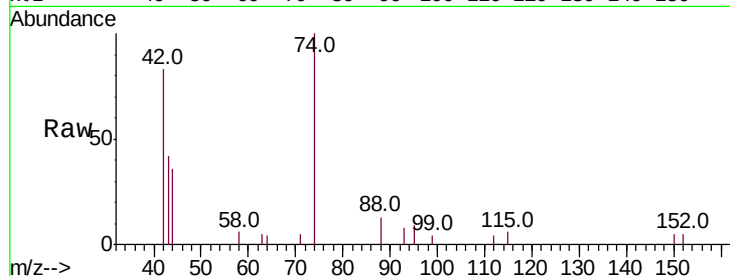




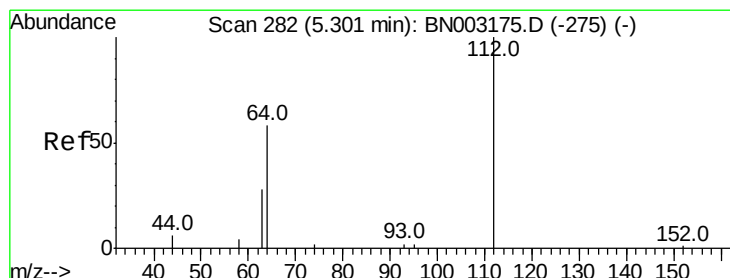
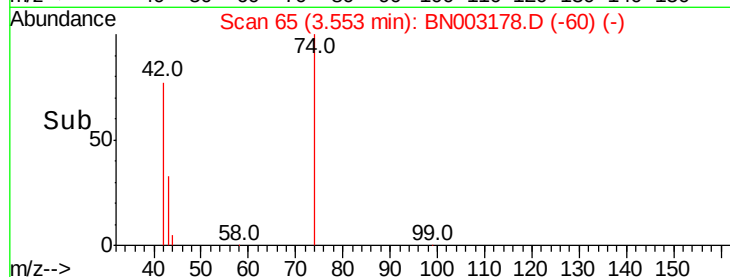
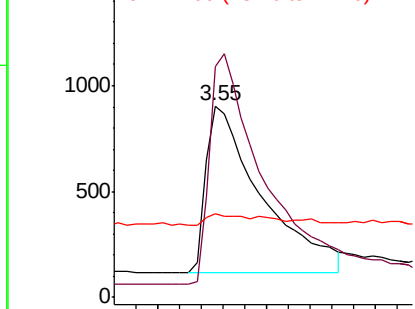
#3
n-Nitrosodimethylamine
Concen: 4.415 ng
RT: 3.55 min Scan# 65
Delta R.T. -0.06 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 2809
Ion Ratio Lower Upper
42 100
74 138.0 102.9 154.3
44 4.0 0.0 0.0#

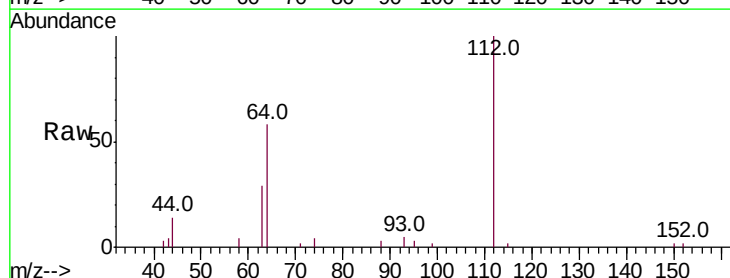


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

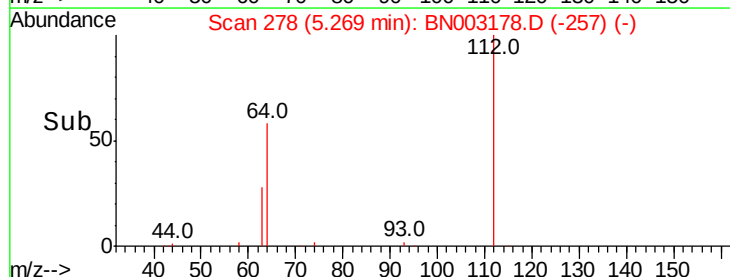
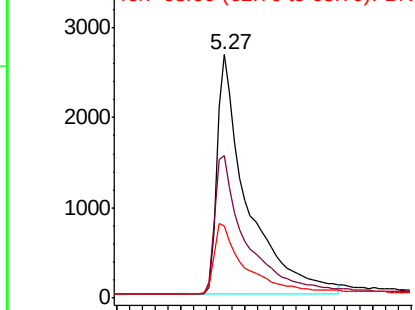


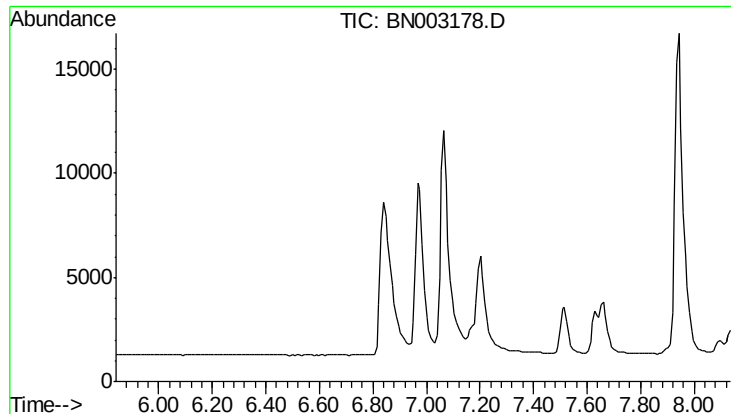
#4
2-Fluorophenol
Concen: 3.118 ng
RT: 5.27 min Scan# 278
Delta R.T. -0.03 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion: 112 Resp: 8632
Ion Ratio Lower Upper
112 100
64 60.2 49.0 73.4
63 30.2 25.9 38.9



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





#5

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.94 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

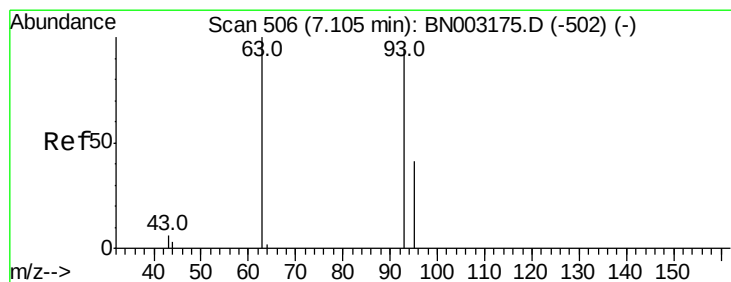
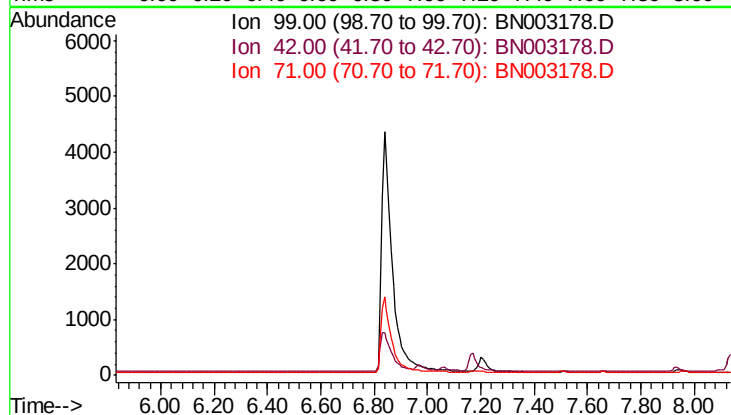
Tot Ion: 99

Sig Exp Ratio

99 100

42 19.3

71 32.5



#6

bis(2-Chloroethyl)ether

Concen: 3.377 ng

RT: 7.06 min Scan# 501

Delta R.T. -0.04 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

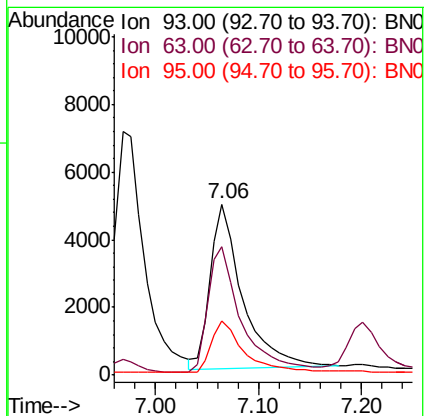
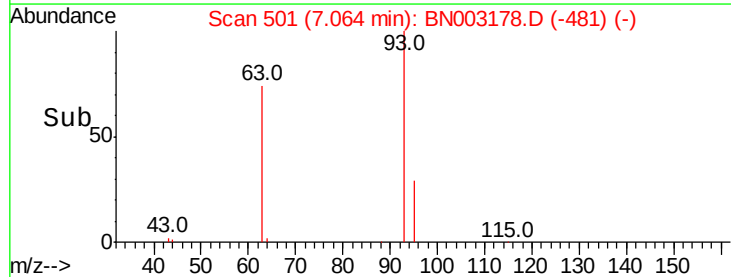
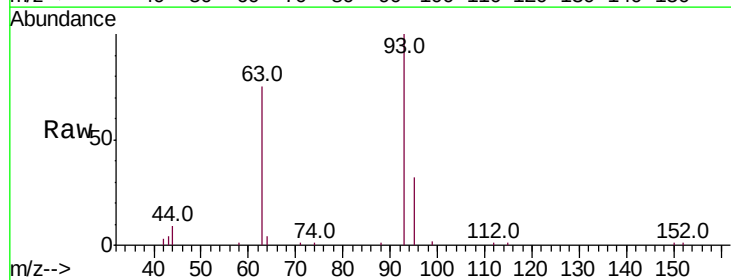
Tgt Ion: 93 Resp: 10603

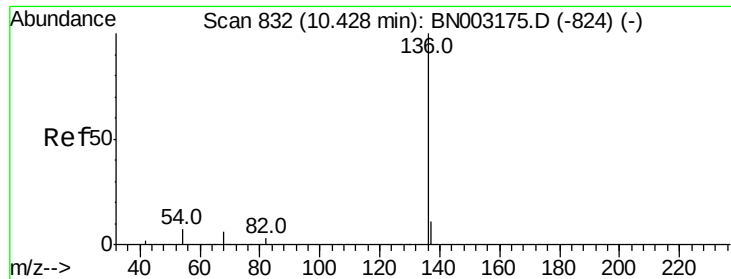
Ion Ratio Lower Upper

93 100

63 78.9 54.2 81.4

95 34.7 24.9 37.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.04 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 4892

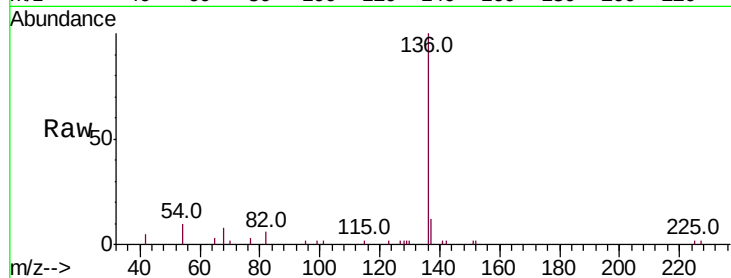
Ion Ratio Lower Upper

136 100

137 12.5 9.4 14.0

54 10.2 7.4 11.0

68 8.5 5.8 8.6

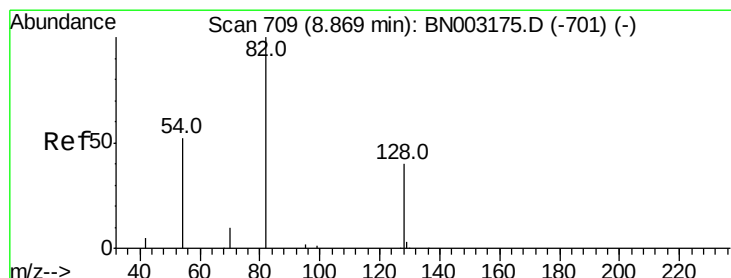
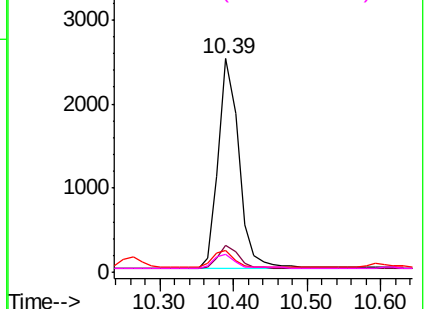
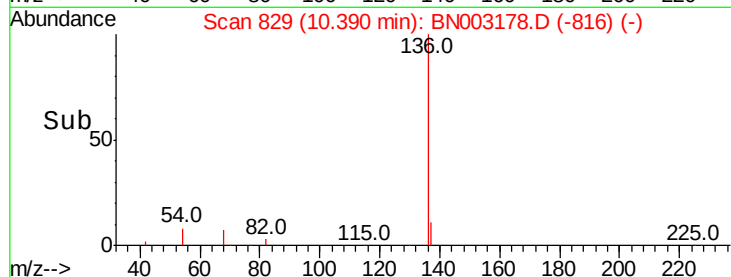


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.883 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.08 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

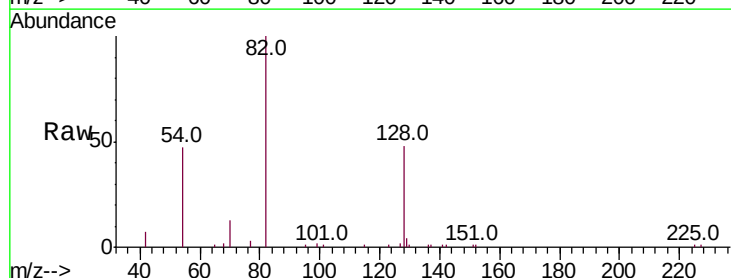
Tgt Ion: 82 Resp: 11700

Ion Ratio Lower Upper

82 100

128 48.0 38.2 57.4

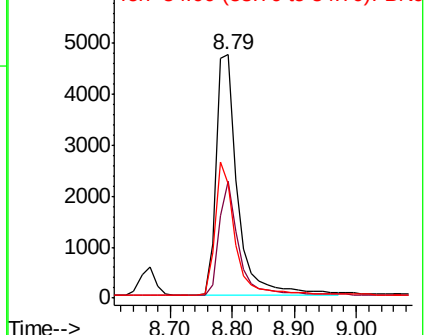
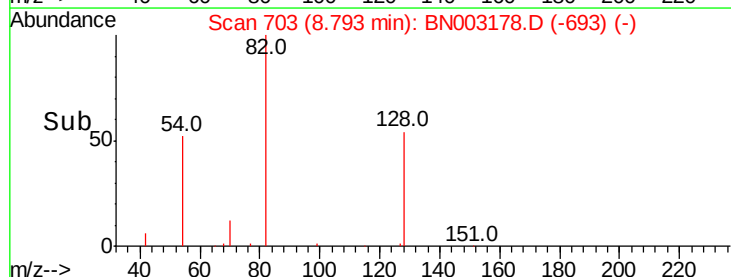
54 46.9 44.1 66.1

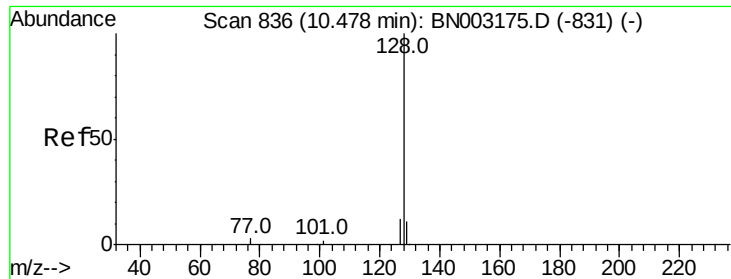


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.456 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.04 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

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ClientSampleId :

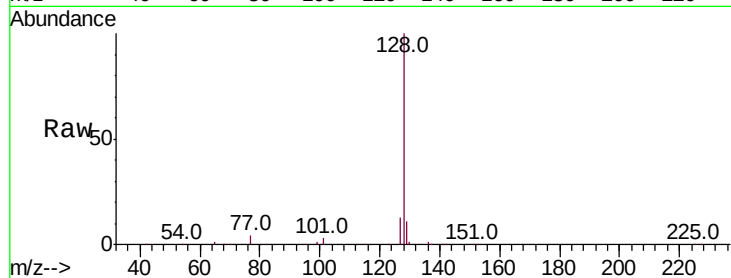
Tot Ion:128 Resp: 38511

Ion Ratio Lower Upper

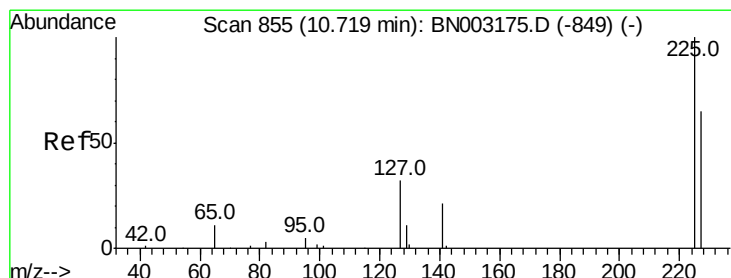
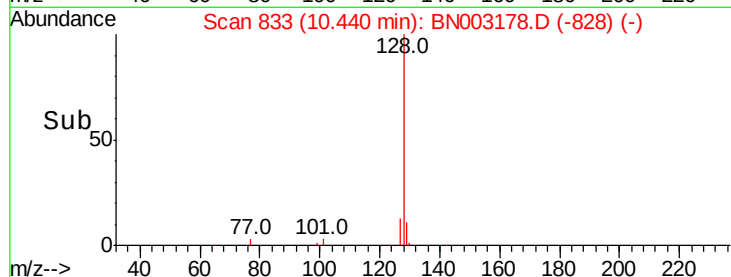
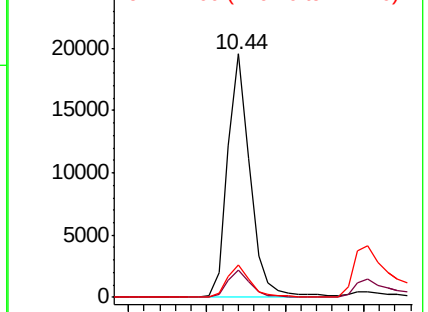
128 100

129 11.2 9.8 14.6

127 13.2 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: 3.255 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

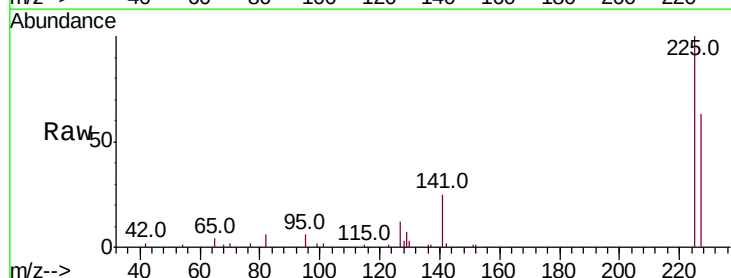
Tgt Ion:225 Resp: 7170

Ion Ratio Lower Upper

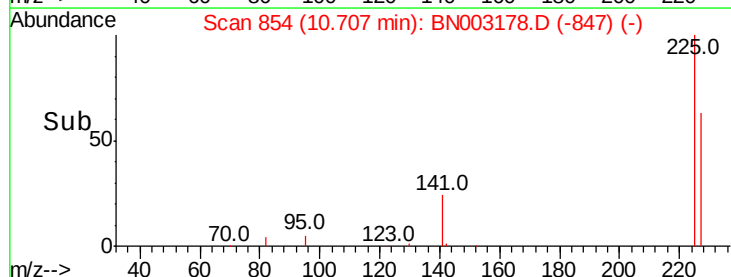
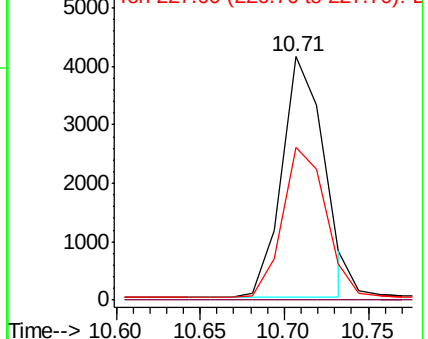
225 100

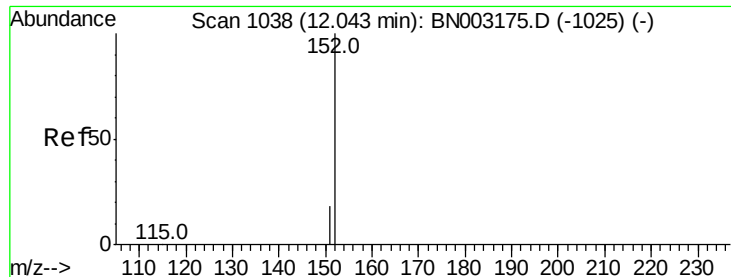
223 0.0 0.0 0.0

227 64.2 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

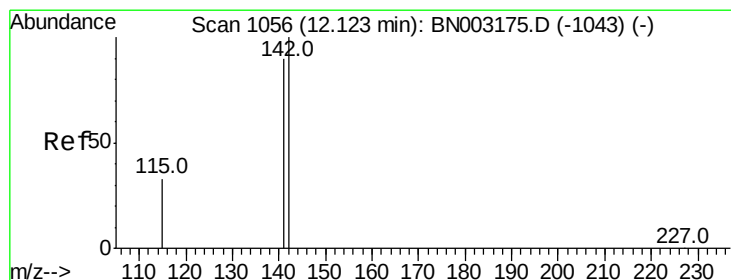
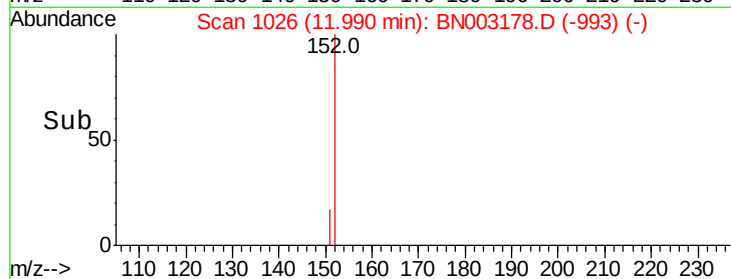
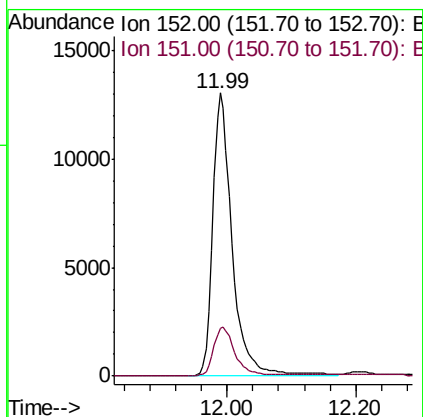
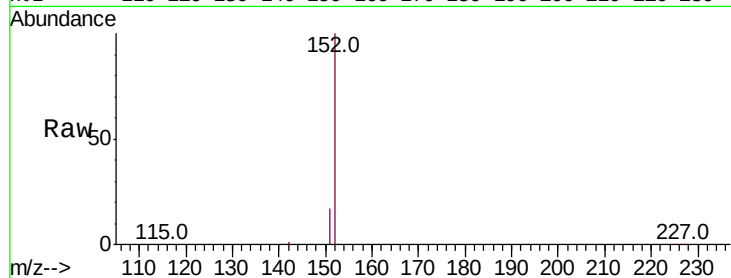




#11
 2-Methylnaphthalene-d10
 Concen: 3.703 ng
 RT: 11.99 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BN003178.D
 Acq: 17 Oct 2018 12:36

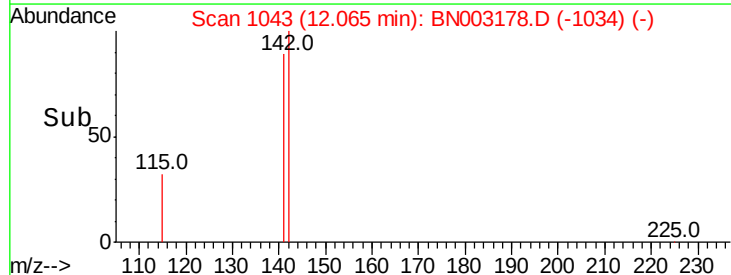
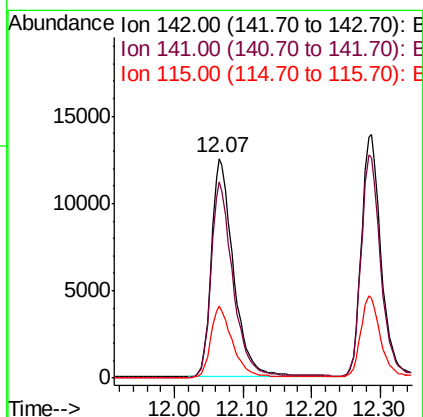
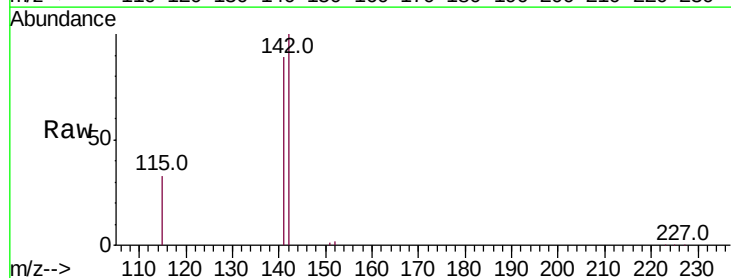
Instrument :
 BNA_N
 ClientSampleId :

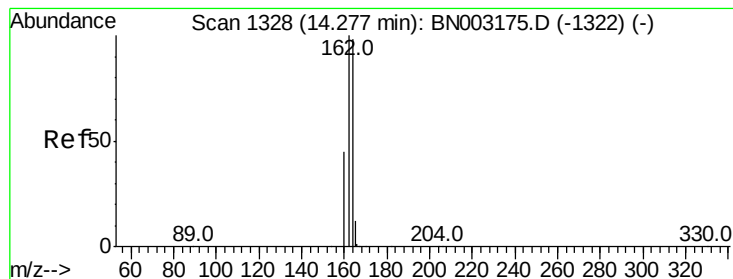
Tot Ion:152 Resp: 26696
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 3.674 ng
 RT: 12.07 min Scan# 1043
 Delta R.T. -0.06 min
 Lab File: BN003178.D
 Acq: 17 Oct 2018 12:36

Tgt Ion:142 Resp: 28033
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.5 107.3
 115 32.6 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: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

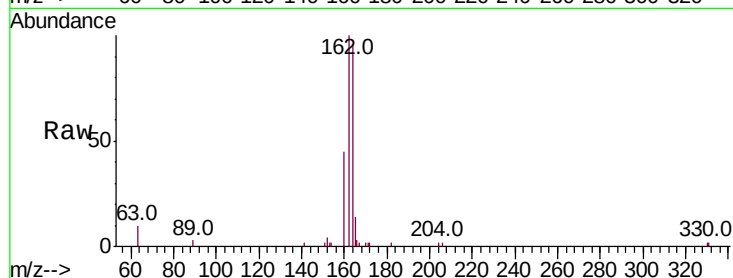
Tot Ion:164 Resp: 3173

Ion Ratio Lower Upper

164 100

162 103.8 81.7 122.5

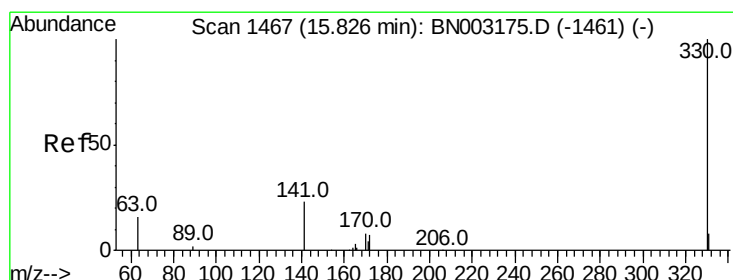
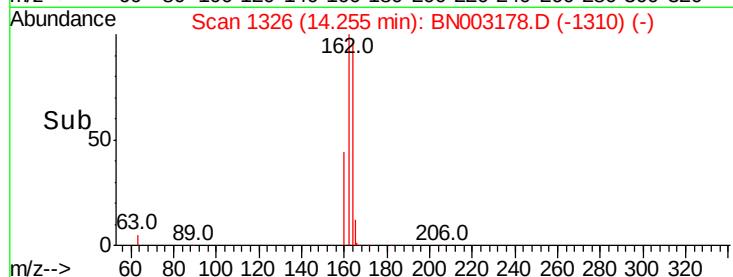
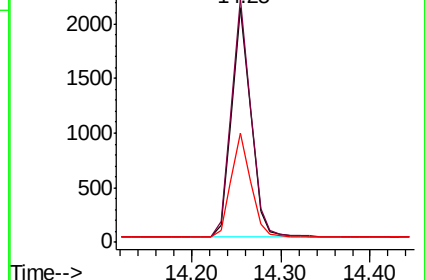
160 46.6 36.3 54.5



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: 4.129 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.04 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

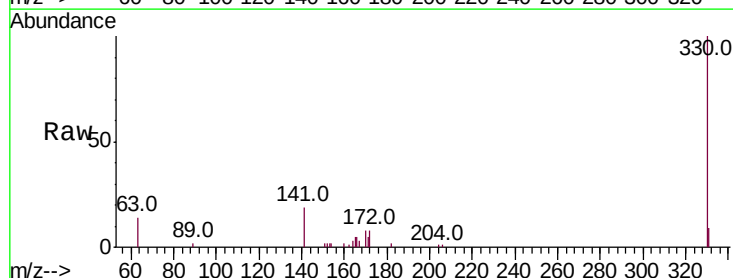
Tgt Ion:330 Resp: 6751

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

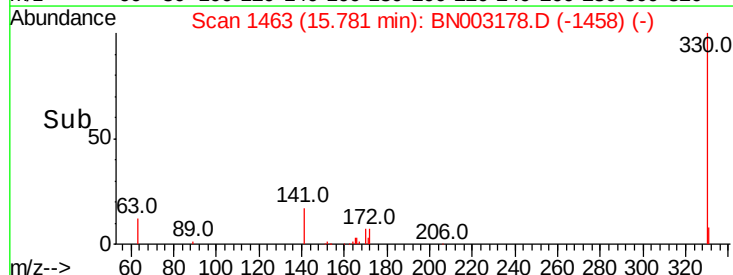
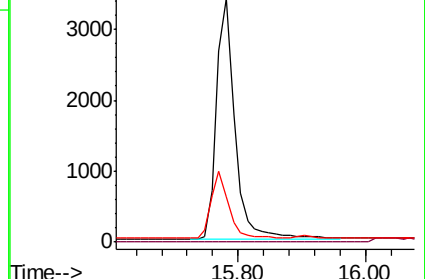
141 26.6 22.6 33.8

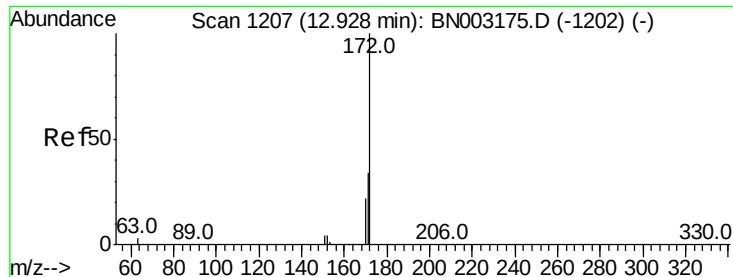


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

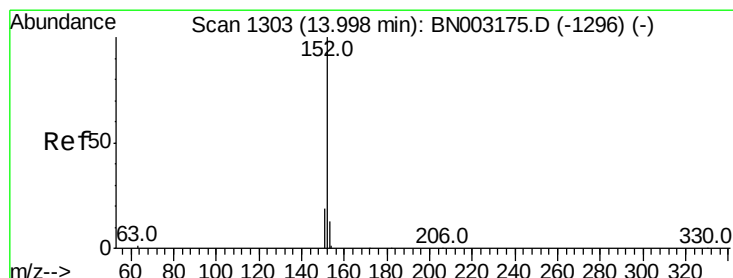
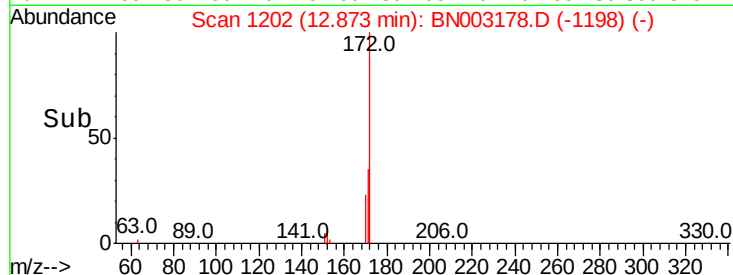
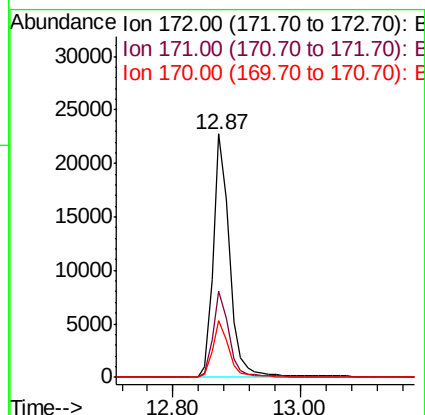
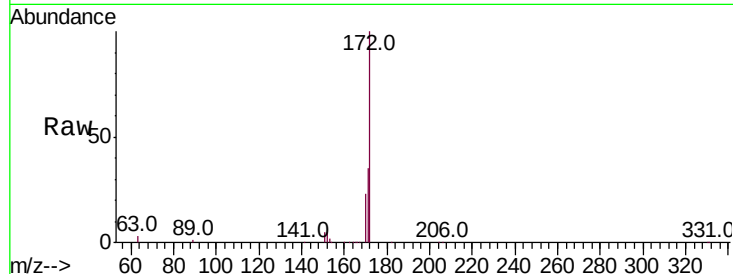




#15
2-Fluorobiphenyl
Concen: 3.443 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.06 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

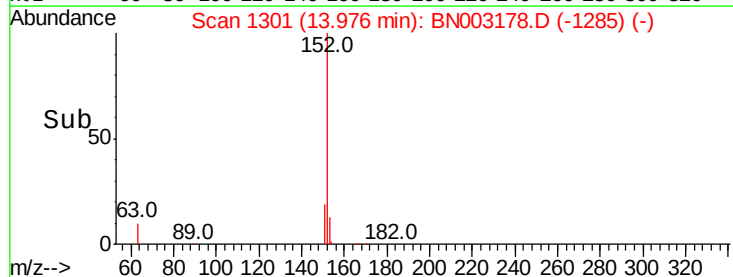
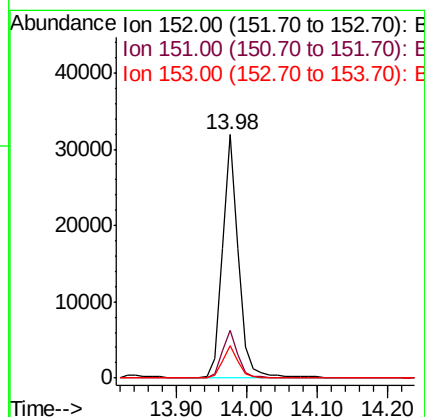
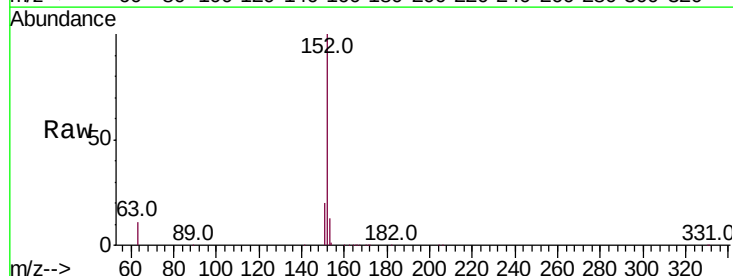
Instrument :
BNA_N
ClientSampleId :

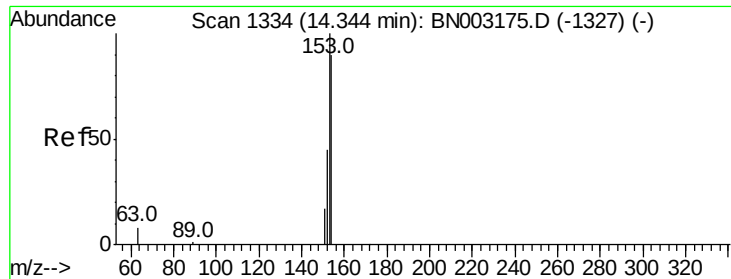
Tot Ion:172 Resp: 39669
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.4 18.6 27.8



#16
Acenaphthylene
Concen: 3.843 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:152 Resp: 50457
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 3.586 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

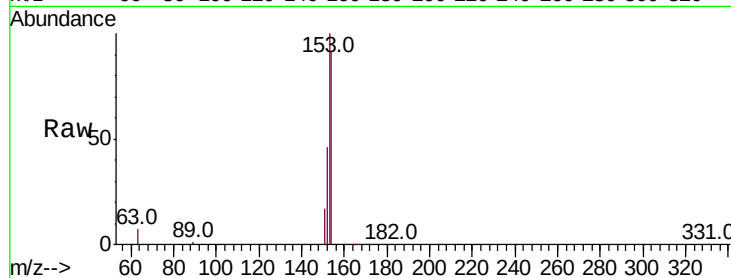
Tot Ion:154 Resp: 31580

Ion Ratio Lower Upper

154 100

153 112.9 91.0 136.4

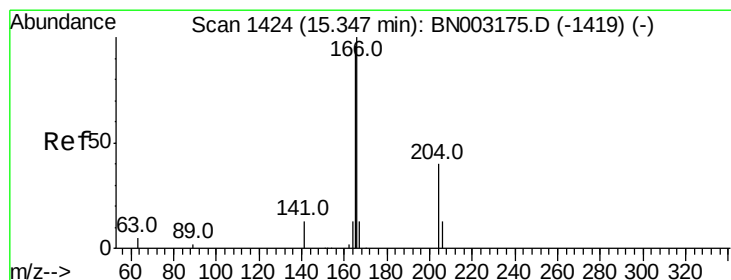
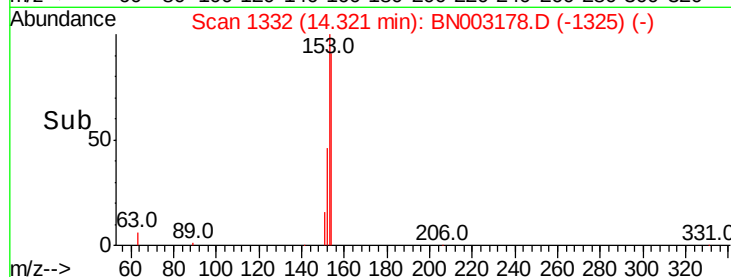
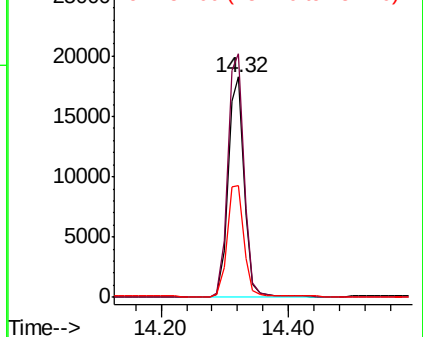
152 52.9 43.8 65.6



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: 3.705 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.03 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

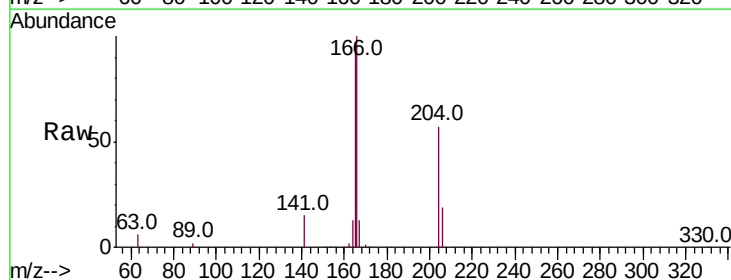
Tgt Ion:166 Resp: 40818

Ion Ratio Lower Upper

166 100

165 97.1 78.2 117.2

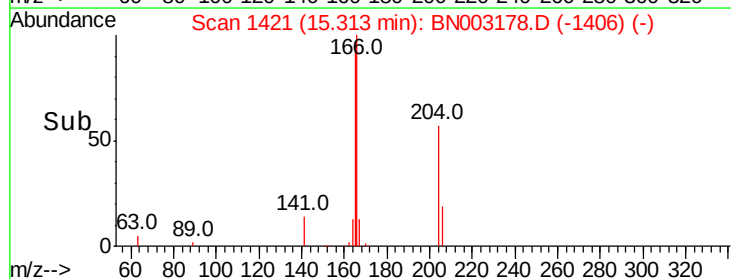
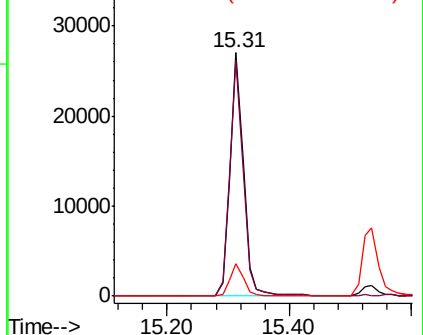
167 13.4 10.7 16.1

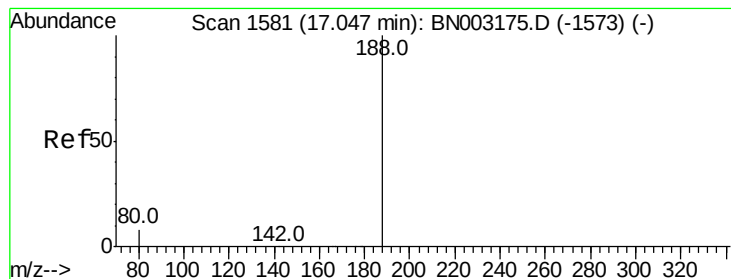


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.01 min Scan# 1578

Delta R.T. -0.03 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

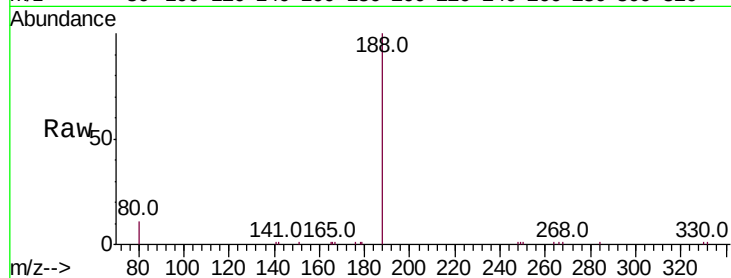
Tot Ion:188 Resp: 7743

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

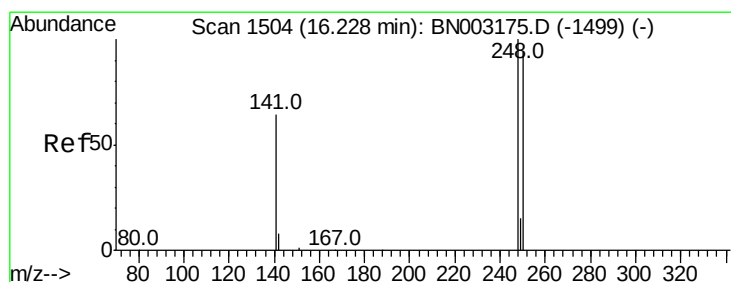
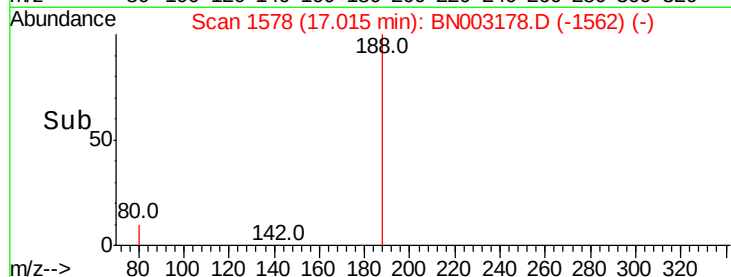
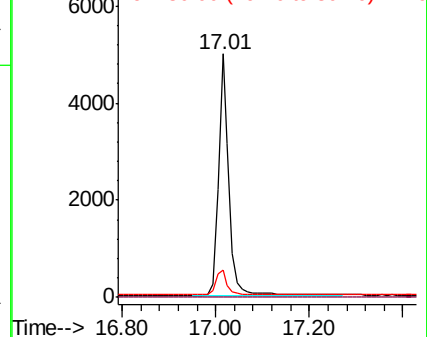
80 11.2 6.7 10.1#



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: 3.593 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

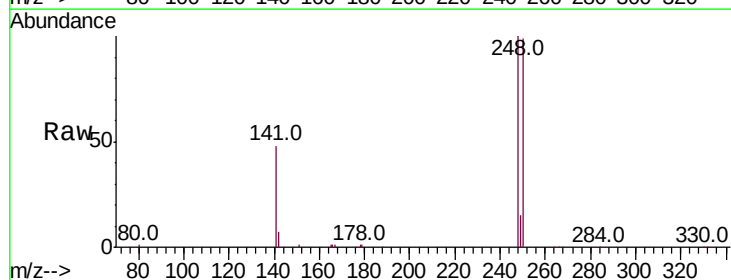
Tgt Ion:248 Resp: 15175

Ion Ratio Lower Upper

248 100

250 98.8 78.9 118.3

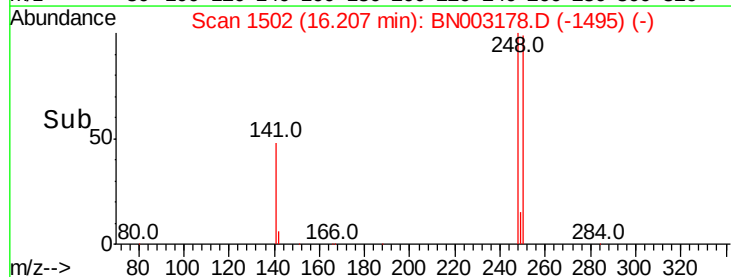
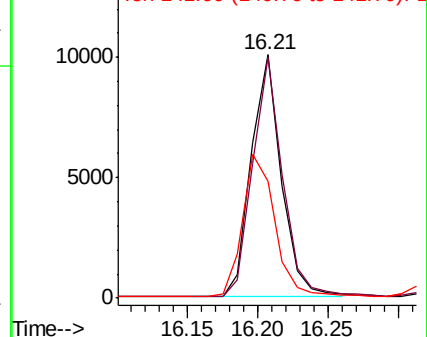
141 47.9 48.5 72.7#

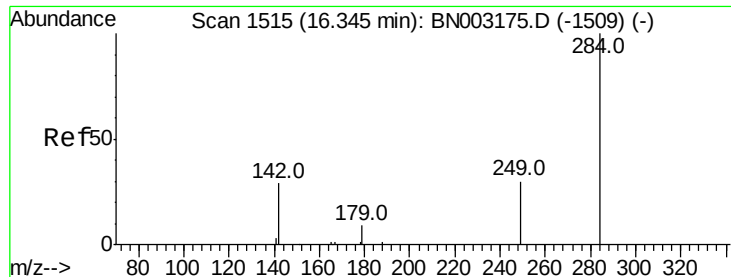


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.512 ng

RT: 16.32 min Scan# 1513

Delta R.T. -0.02 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

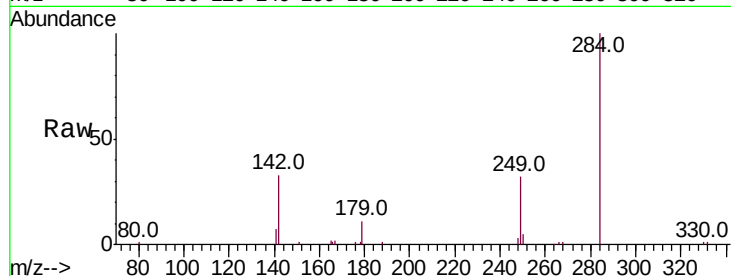
Tot Ion:284 Resp: 15958

Ion Ratio Lower Upper

284 100

142 29.9 24.6 37.0

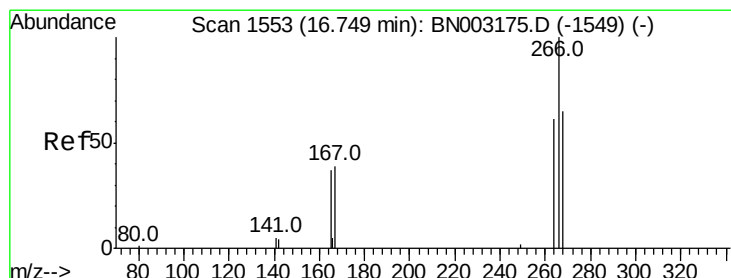
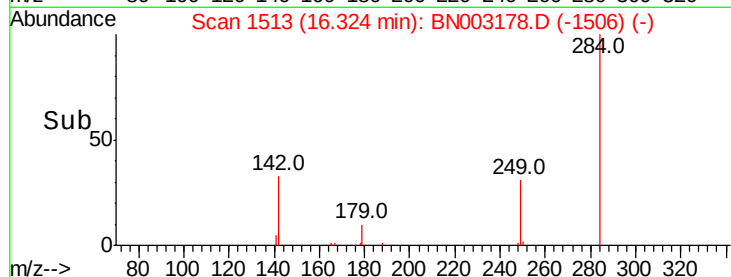
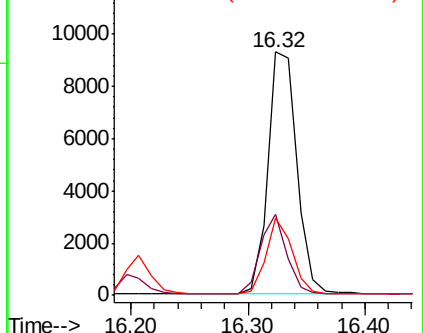
249 28.2 22.3 33.5



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: 4.206 ng

RT: 16.71 min Scan# 1549

Delta R.T. -0.04 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

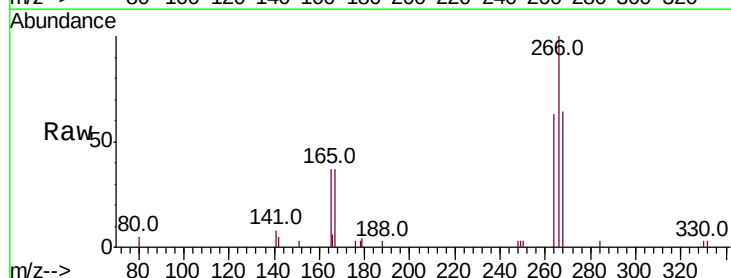
Tgt Ion:266 Resp: 4009

Ion Ratio Lower Upper

266 100

264 62.7 55.0 82.4

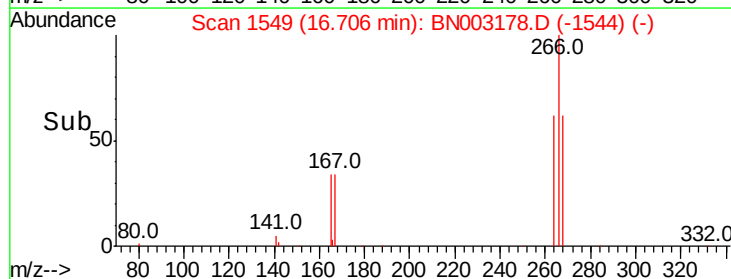
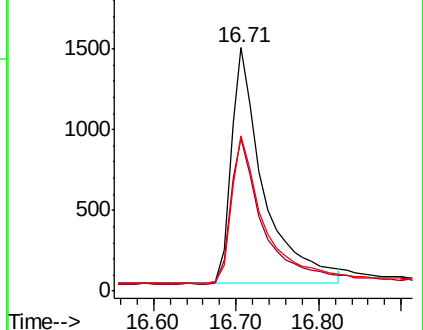
268 63.6 60.6 91.0

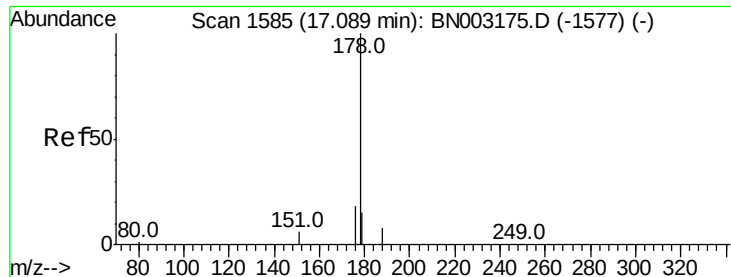


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.526 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.03 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampled :

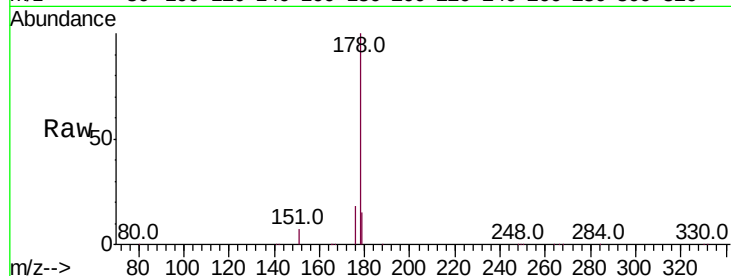
Tot Ion:178 Resp: 67554

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.2 12.3 18.5

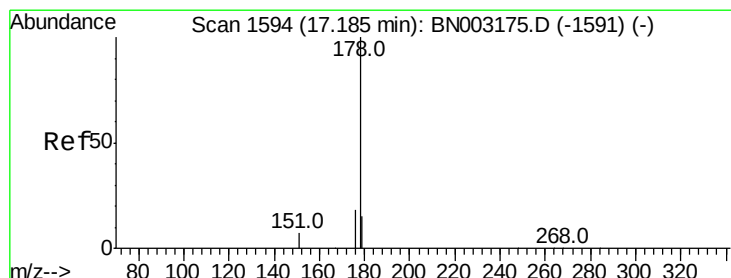
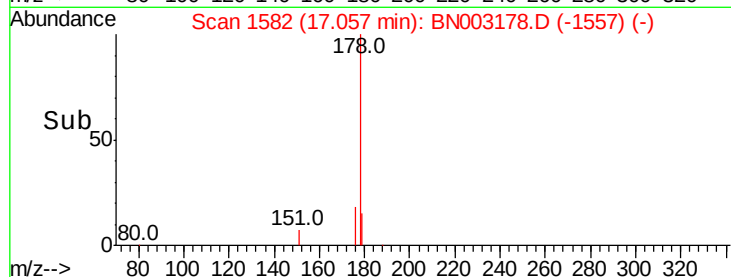
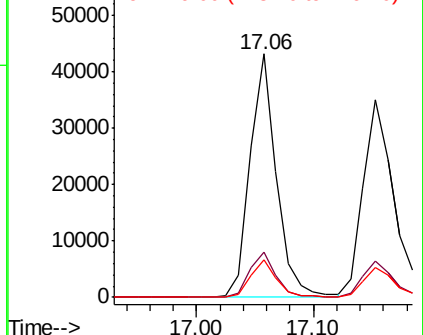


Abundance

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: 3.830 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.03 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

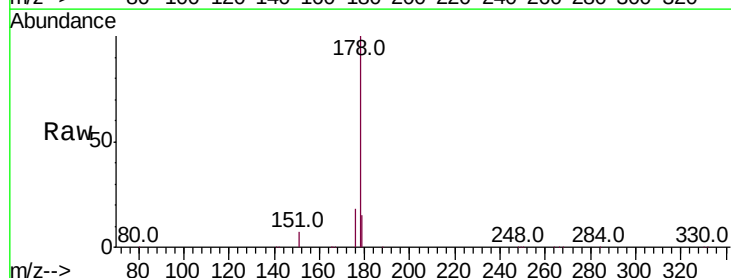
Tgt Ion:178 Resp: 64692

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

179 15.1 12.3 18.5

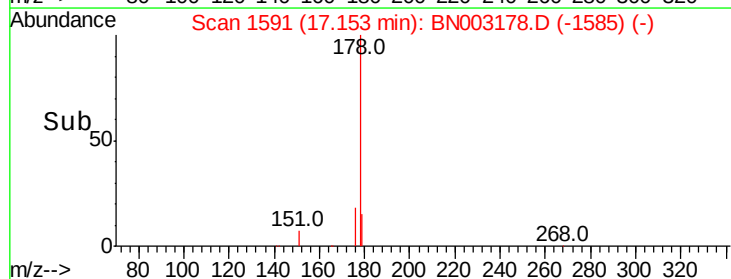
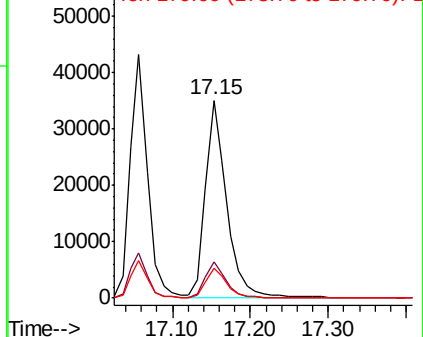


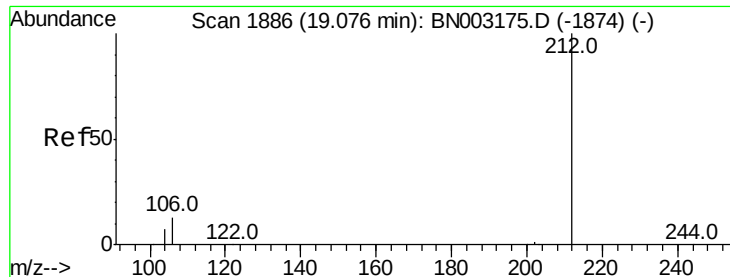
Abundance

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: 3.876 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

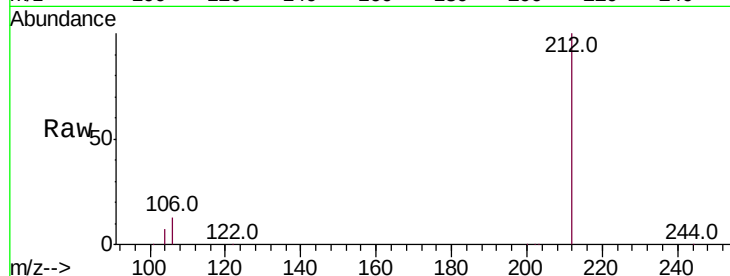
Tot Ion:212 Resp: 77680

Ion Ratio Lower Upper

212 100

106 13.1 10.2 15.4

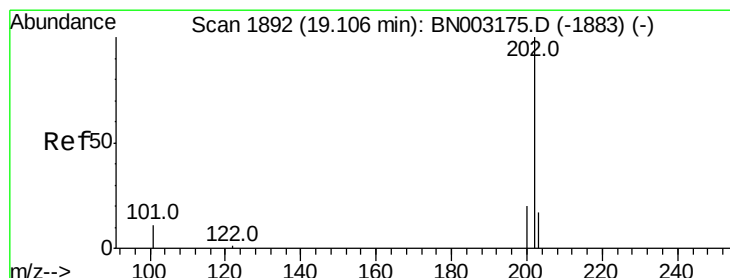
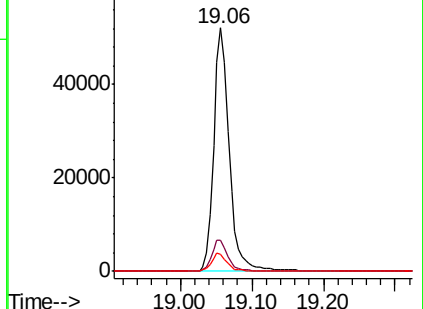
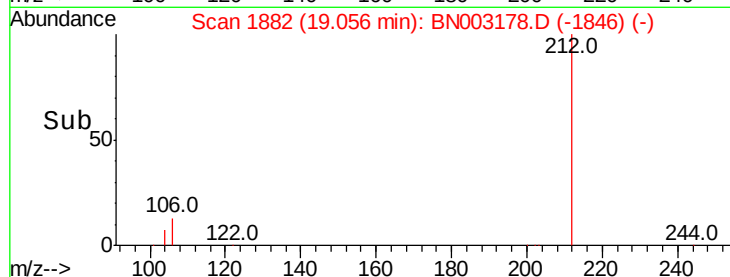
104 7.3 5.8 8.6



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: 3.878 ng

RT: 19.09 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

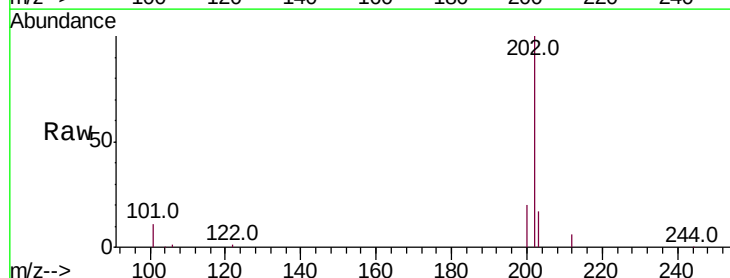
Tgt Ion:202 Resp: 84231

Ion Ratio Lower Upper

202 100

101 11.2 8.6 12.8

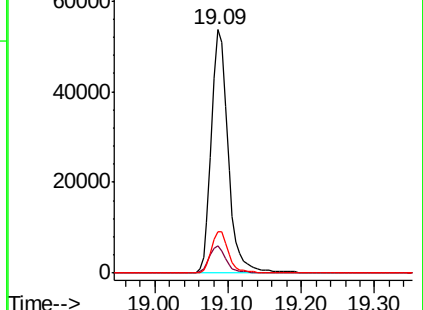
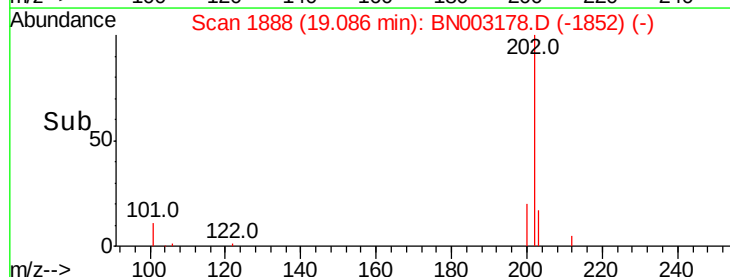
203 17.3 13.7 20.5

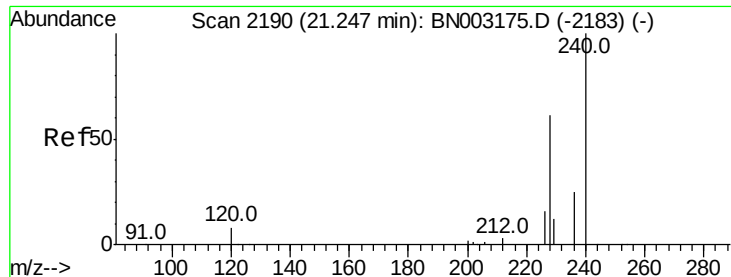


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

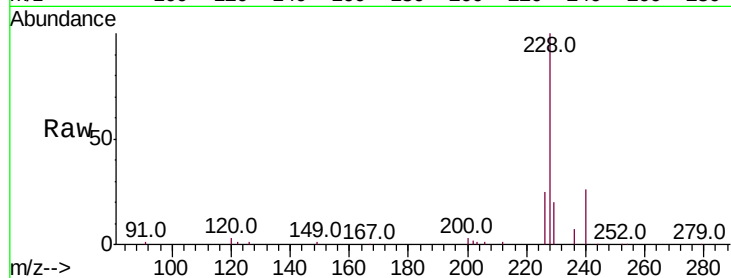
Tot Ion:240 Resp: 9639

Ion Ratio Lower Upper

240 100

120 10.0 7.8 11.8

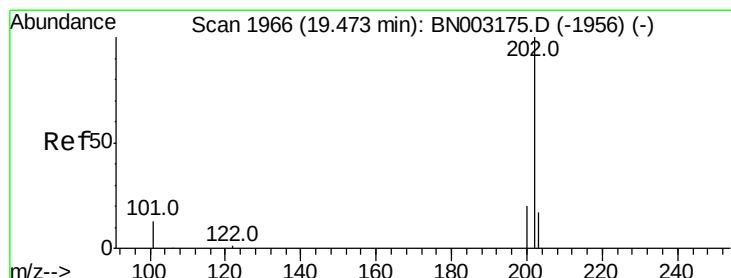
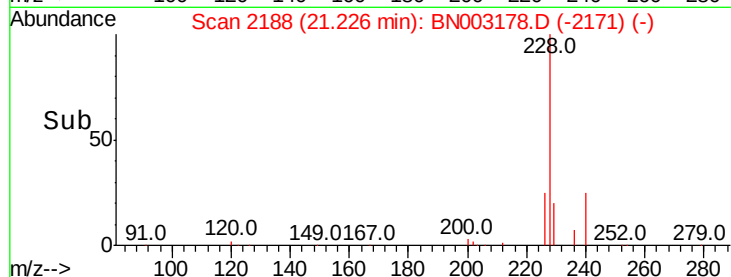
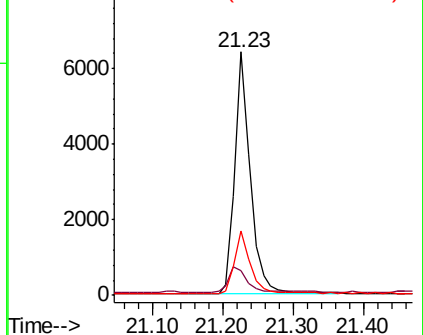
236 26.5 21.0 31.4



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: 3.085 ng

RT: 19.45 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

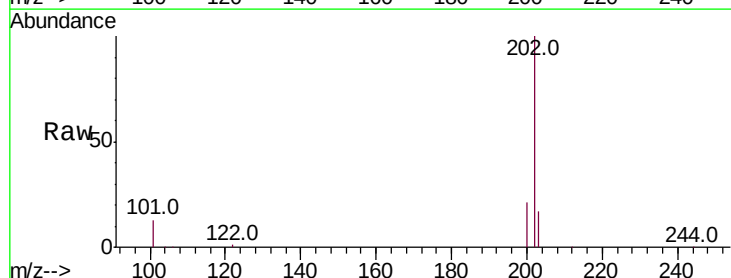
Tgt Ion:202 Resp: 87208

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

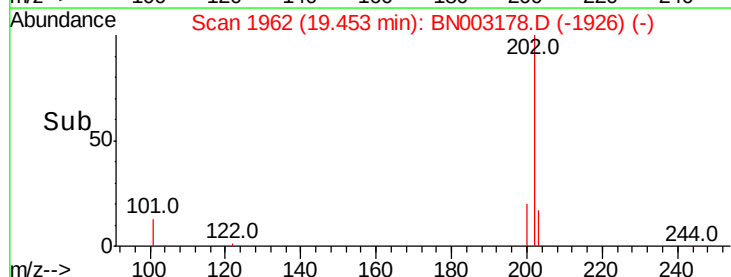
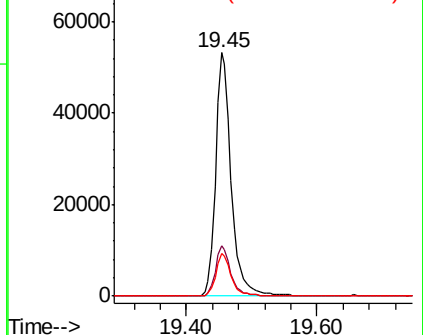
203 17.4 14.2 21.2

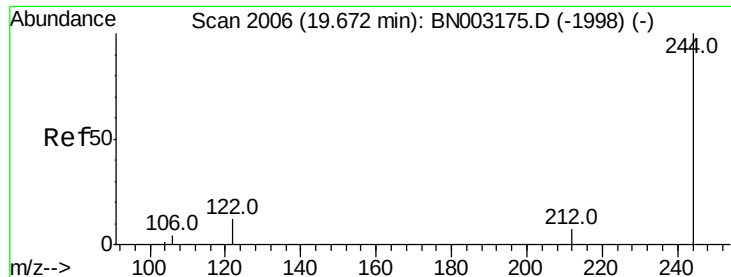


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.044 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampled :

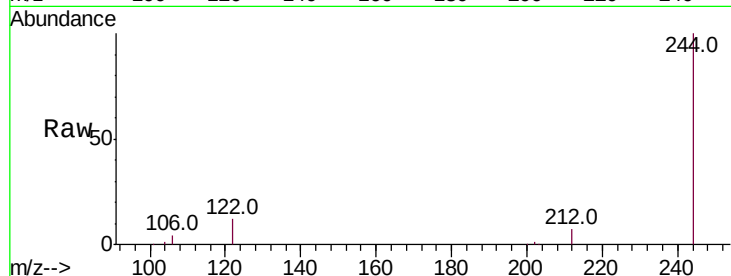
Tot Ion:244 Resp: 64807

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.4

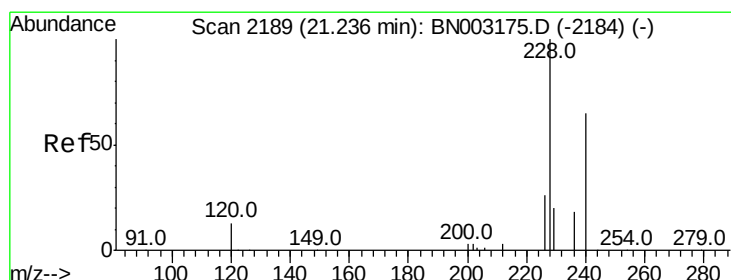
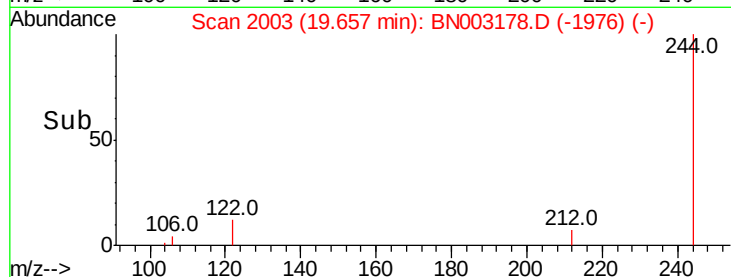
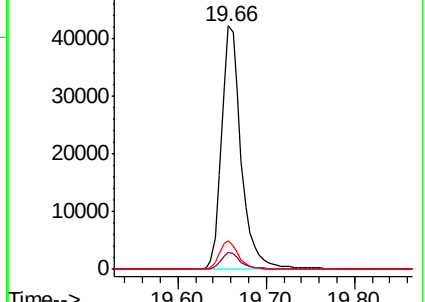
122 11.7 9.1 13.7



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: 3.748 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

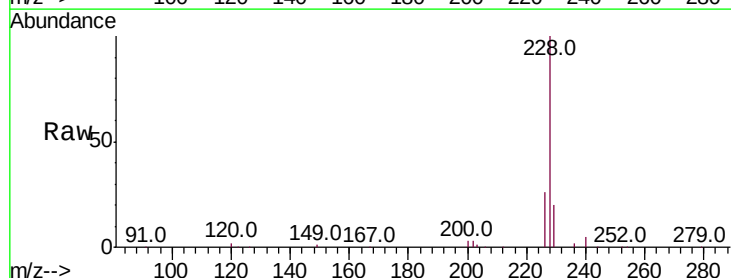
Tgt Ion:228 Resp: 84506

Ion Ratio Lower Upper

228 100

226 26.0 21.4 32.2

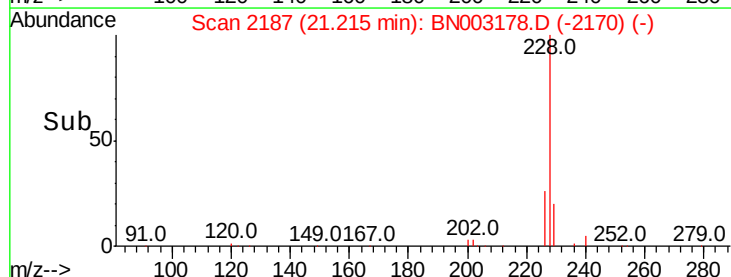
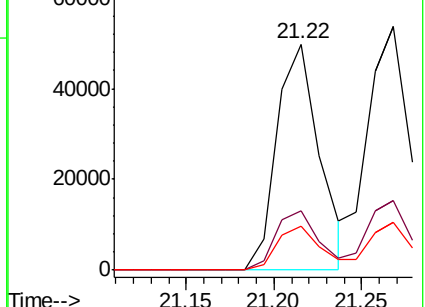
229 19.7 16.4 24.6

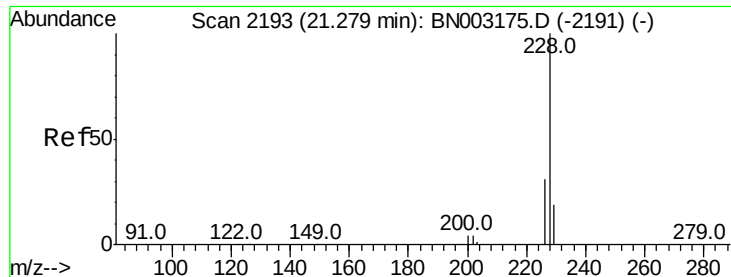


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.330 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

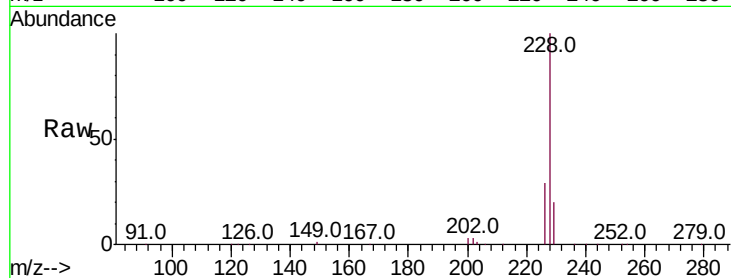
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 93687

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.1	34.7
229	19.5	15.9	23.9

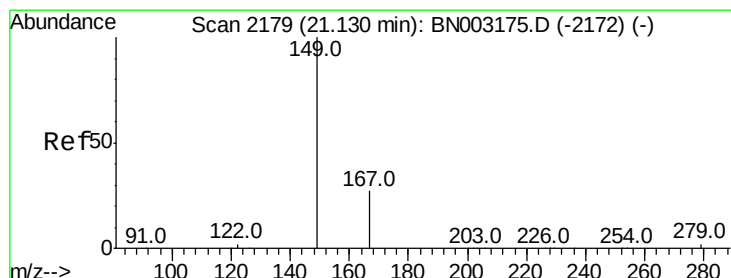
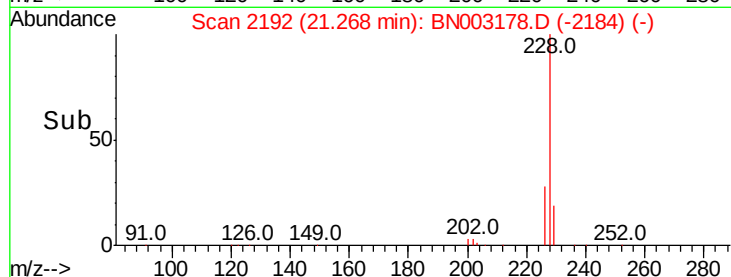
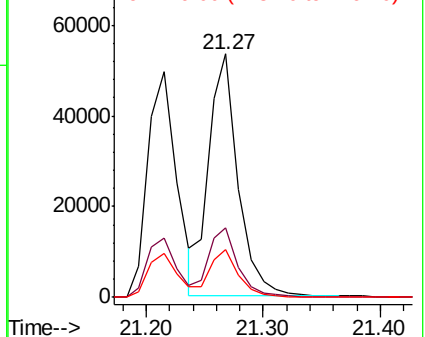


Abundance

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: 3.455 ng

RT: 21.13 min Scan# 2179

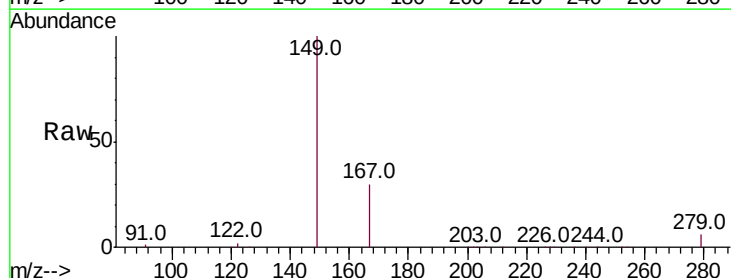
Delta R.T. -0.00 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Tgt Ion:149 Resp: 52285

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	4.8	3.7	5.5

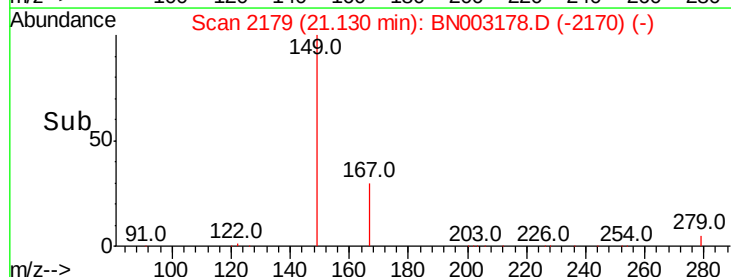
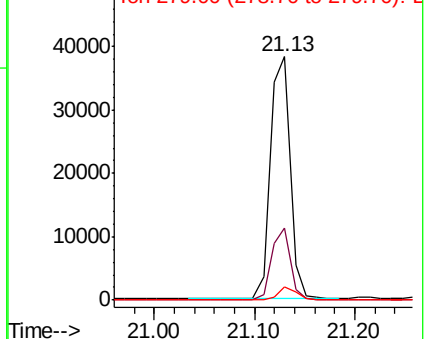


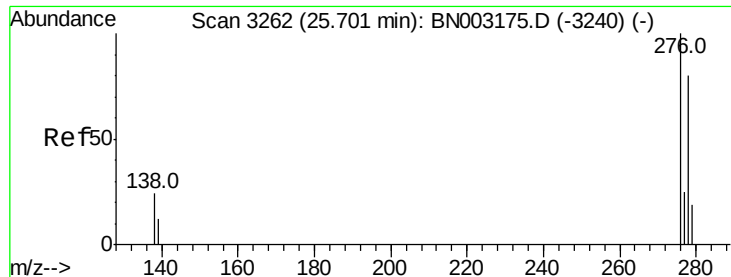
Abundance

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





#33

Indeno(1,2,3-cd)pyrene

Concen: 4.709 ng

RT: 25.66 min Scan# 3249

Delta R.T. -0.04 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

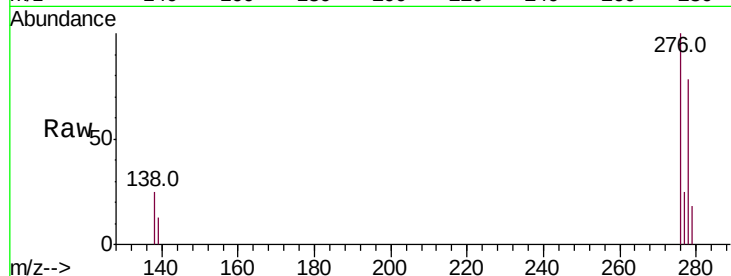
Tot Ion:276 Resp: 112416

Ion Ratio Lower Upper

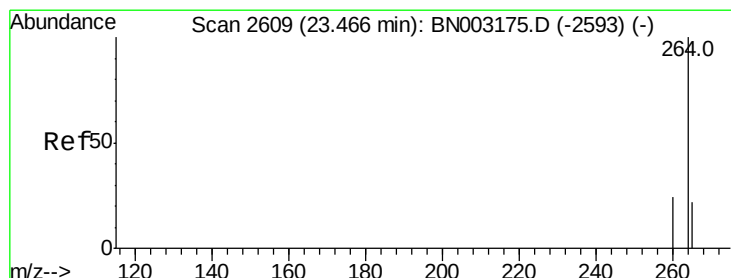
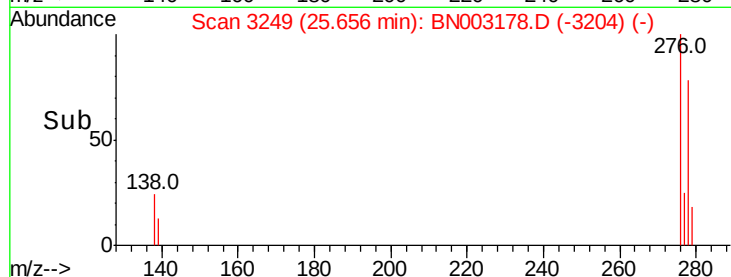
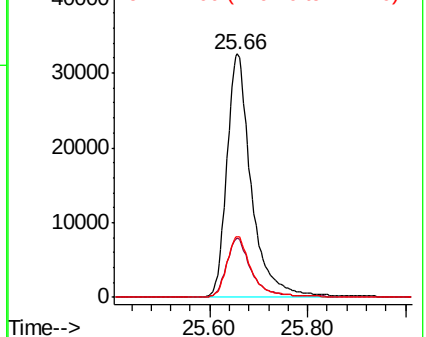
276 100

138 24.4 18.2 27.4

277 25.0 20.2 30.4



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

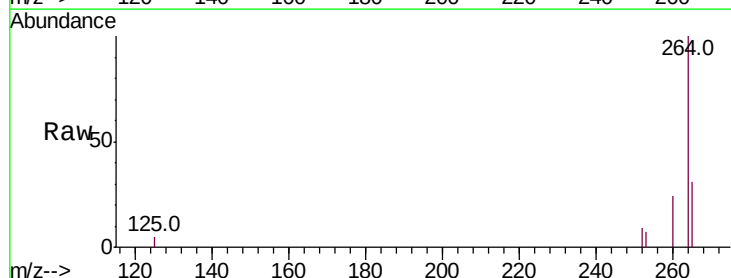
Tgt Ion:264 Resp: 10049

Ion Ratio Lower Upper

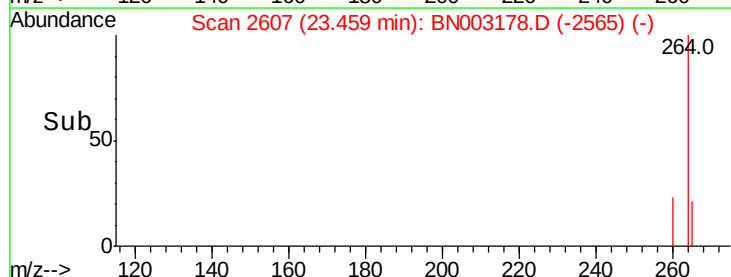
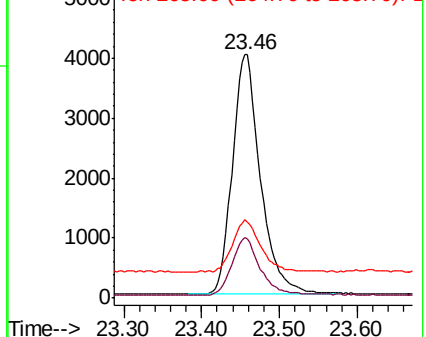
264 100

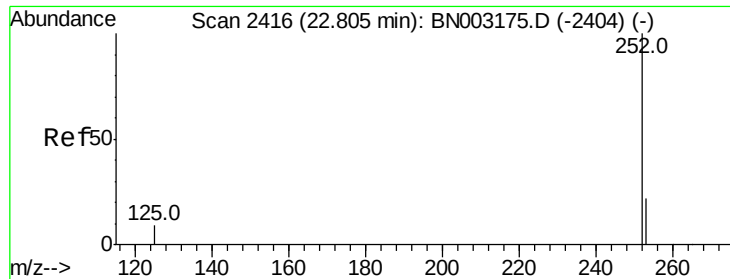
260 24.4 19.7 29.5

265 31.2 27.6 41.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.235 ng

RT: 22.78 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

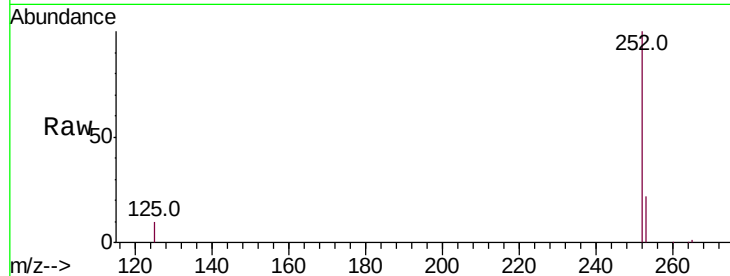
Tot Ion:252 Resp: 90840

Ion Ratio Lower Upper

252 100

253 22.2 20.8 31.2

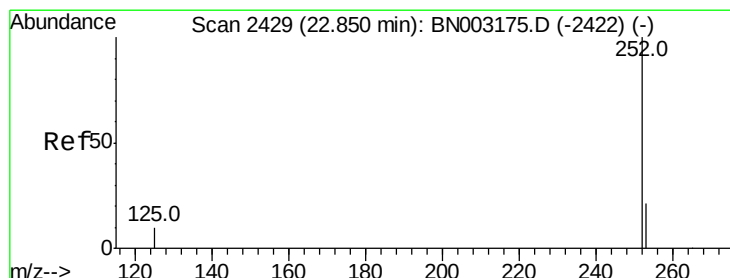
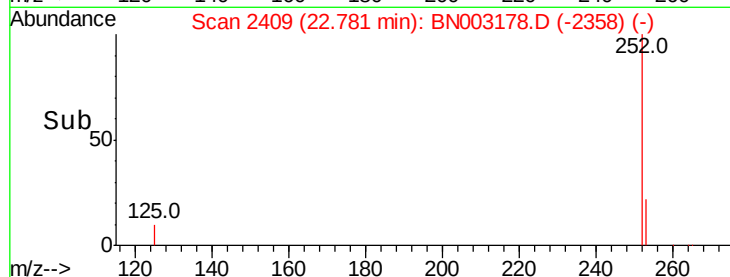
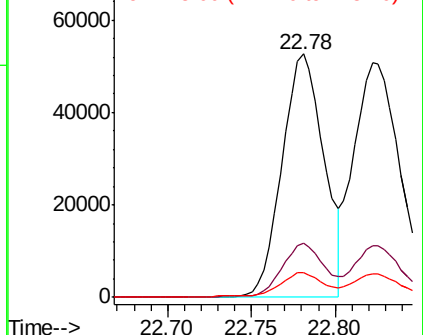
125 10.0 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 3.261 ng

RT: 22.82 min Scan# 2421

Delta R.T. -0.03 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

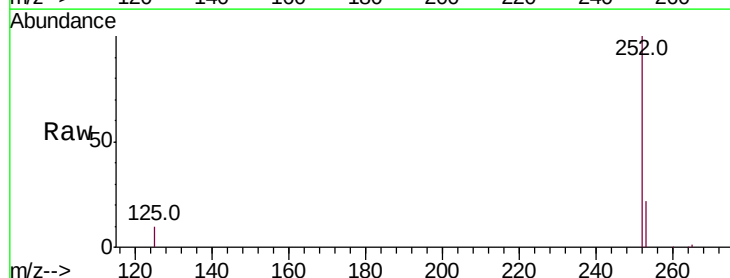
Tgt Ion:252 Resp: 100153

Ion Ratio Lower Upper

252 100

253 22.1 20.5 30.7

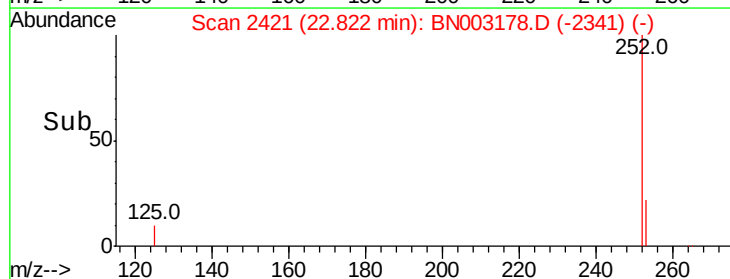
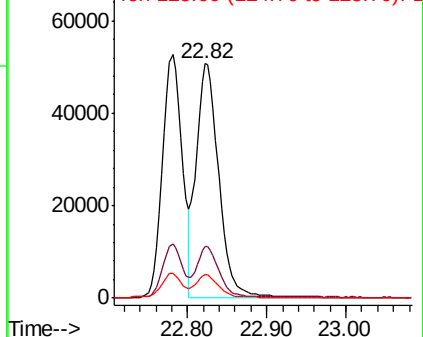
125 10.2 9.4 14.0

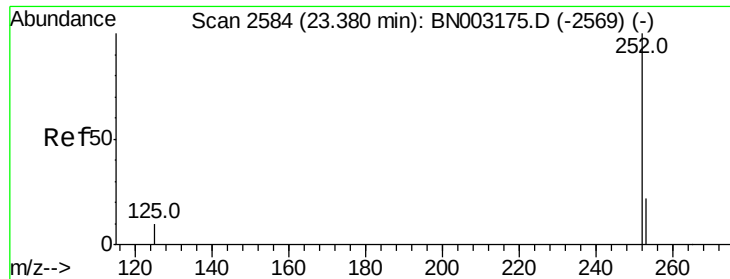


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.484 ng

RT: 23.35 min Scan# 2576

Delta R.T. -0.03 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

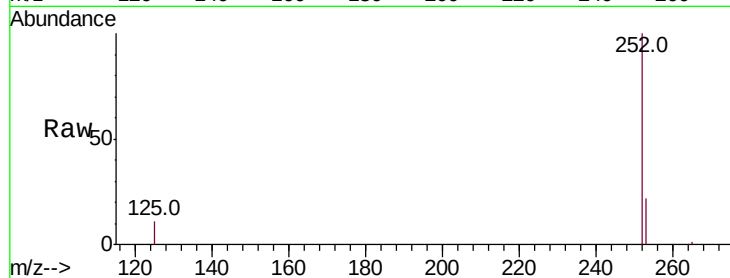
Tot Ion:252 Resp: 90869

Ion Ratio Lower Upper

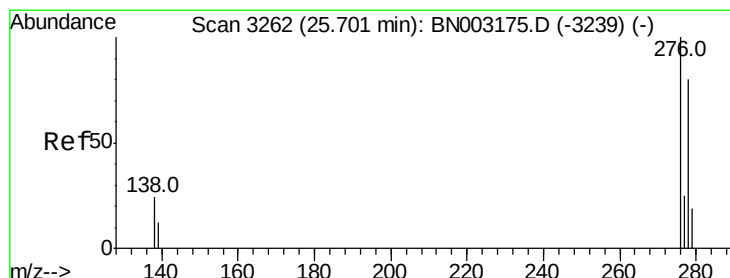
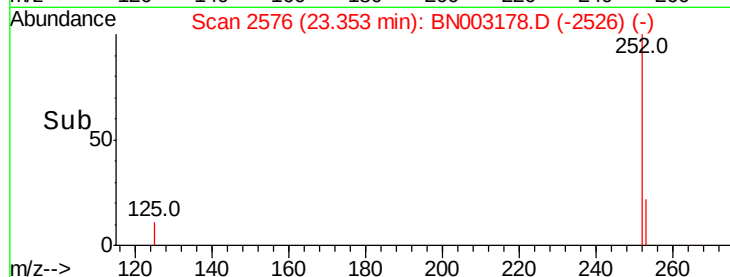
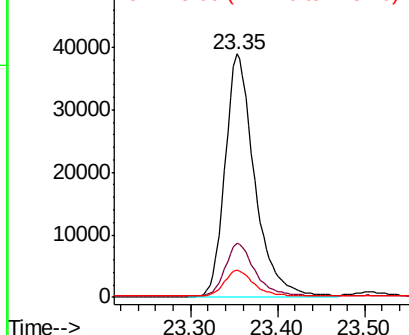
252 100

253 22.3 22.4 33.6#

125 11.1 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: 3.973 ng

RT: 25.66 min Scan# 3250

Delta R.T. -0.04 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

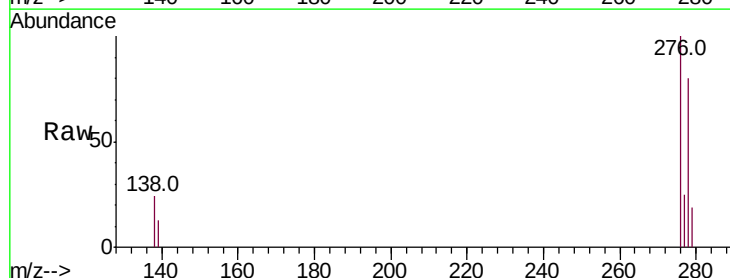
Tgt Ion:278 Resp: 94166

Ion Ratio Lower Upper

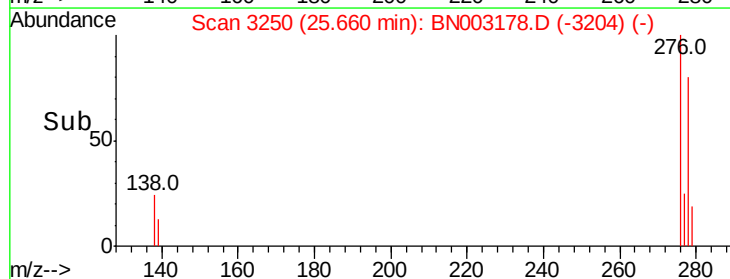
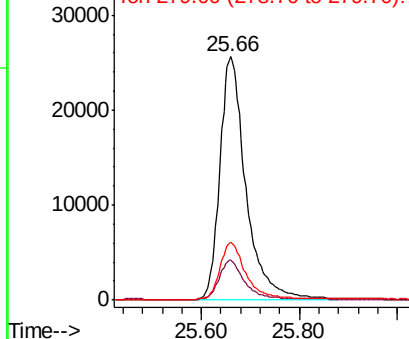
278 100

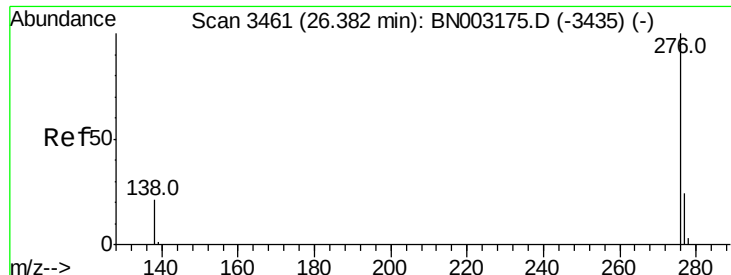
139 16.2 14.6 21.8

279 23.7 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: 3.855 ng

RT: 26.33 min Scan# 3447

Delta R.T. -0.05 min

Lab File: BN003178.D

Acq: 17 Oct 2018 12:36

Instrument :

BNA_N

ClientSampleId :

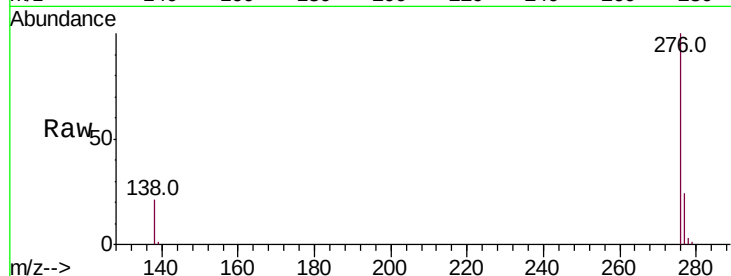
Tot Ion:276 Resp: 93549

Ion Ratio Lower Upper

276 100

277 23.8 21.0 31.4

138 20.8 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

