

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003179.D
 Acq On : 17 Oct 2018 13:23
 Operator : MJ/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN101718

Quant Time: Oct 18 15:30:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 15:26:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1127	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	4871	0.40	ng	0.00
13) Acenaphthene-d10	14.28	164	3359	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	8510	0.40	ng	0.00
27) Chrysene-d12	21.25	240	10813	0.40	ng	0.00
34) Perylene-d12	23.47	264	11221	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	987	0.40	ng	0.00
5) Phenol-d6	6.94	99	1289	0.36	ng	0.00
8) Nitrobenzene-d5	8.88	82	1144	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	3171	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	743	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	4976	0.38	ng	0.00
25) Fluoranthene-d10	19.08	212	9922	0.38	ng	0.00
29) Terphenyl-d14	19.68	244	8581	0.37	ng	0.00

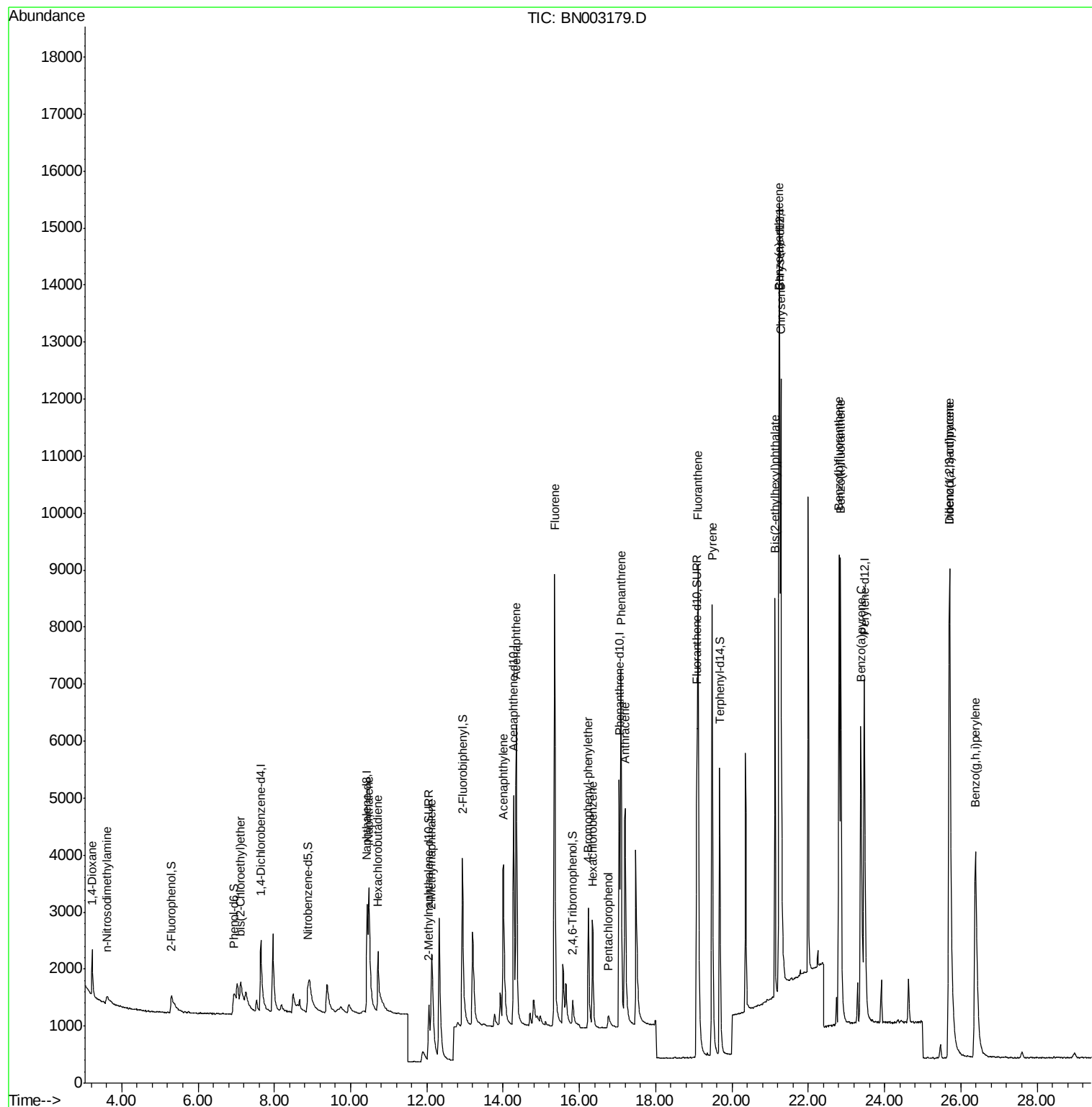
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	670	0.410	ng	95
3) n-Nitrosodimethylamine	3.63	42	166	0.333	ng	# 62
6) bis(2-Chloroethyl)ether	7.12	93	1069	0.359	ng	96
9) Naphthalene	10.48	128	4652	0.384	ng	96
10) Hexachlorobutadiene	10.72	225	911	0.384	ng	# 100
12) 2-Methylnaphthalene	12.13	142	3228	0.389	ng	99
16) Acenaphthylene	14.01	152	5711	0.374	ng	99
17) Acenaphthene	14.34	154	3935	0.387	ng	99
18) Fluorene	15.35	166	5028	0.380	ng	100
20) 4-Bromophenyl-phenylether	16.23	248	1775	0.374	ng	93
21) Hexachlorobenzene	16.36	284	2024	0.386	ng	99
22) Pentachlorophenol	16.76	266	301	0.335	ng	91
23) Phenanthrene	17.09	178	8458	0.380	ng	100
24) Anthracene	17.20	178	7633	0.374	ng	99
26) Fluoranthene	19.11	202	10797	0.378	ng	99
28) Pyrene	19.48	202	11328	0.375	ng	100
30) Benzo(a)anthracene	21.24	228	9836	0.338	ng	99
31) Chrysene	21.28	228	13006	0.391	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	6280	0.357	ng	99
33) Indeno(1,2,3-cd)pyrene	25.71	276	13825	0.352	ng	99
35) Benzo(b)fluoranthene	22.81	252	11480	0.379	ng	98
36) Benzo(k)fluoranthene	22.85	252	13533	0.378	ng	98
37) Benzo(a)pyrene	23.38	252	11590	0.371	ng	98
38) Dibenzo(a,h)anthracene	25.70	278	11481	0.360	ng	98
39) Benzo(g,h,i)perylene	26.38	276	11736	0.364	ng	99

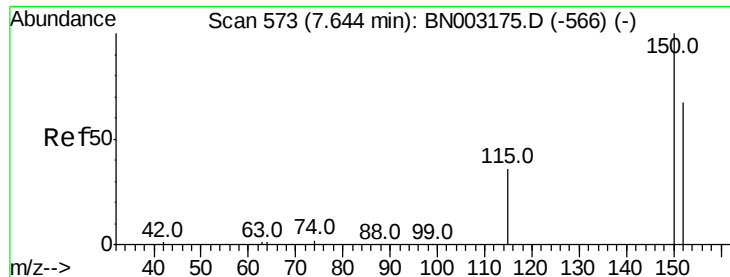
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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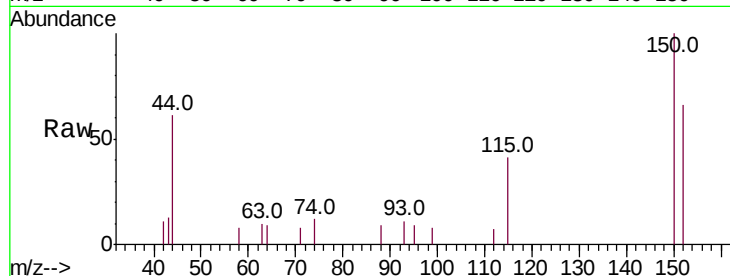


#1

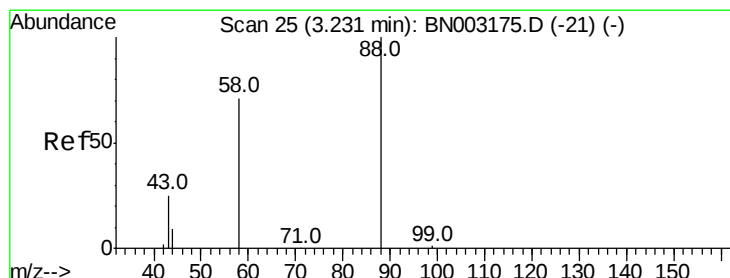
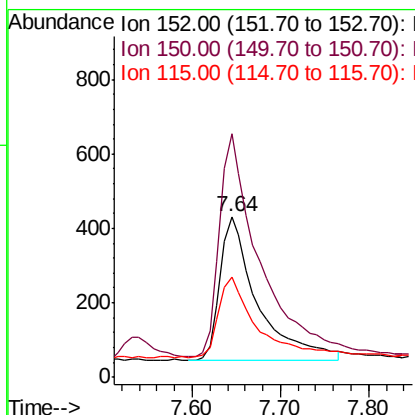
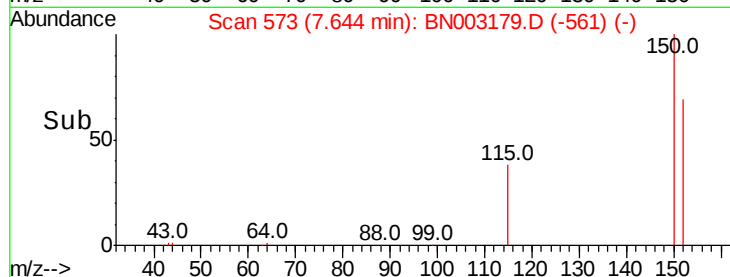
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 573
Delta R.T. 0.00 min
Lab File: BN003179.D
Acq: 17 Oct 2018 13:23

Instrument :
BNA_N
ClientSampleId :
ICVBN101718

Tot Ion:152 Resp: 1127
Ion Ratio Lower Upper
152 100
150 151.4 126.2 189.4
115 62.3 49.8 74.6



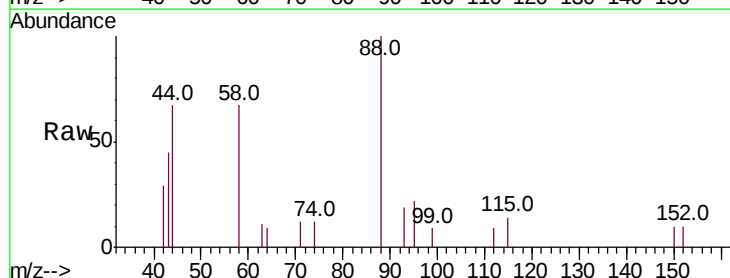
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



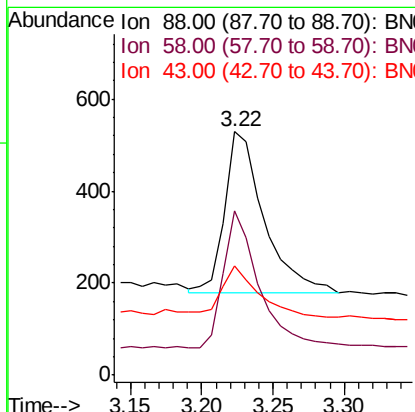
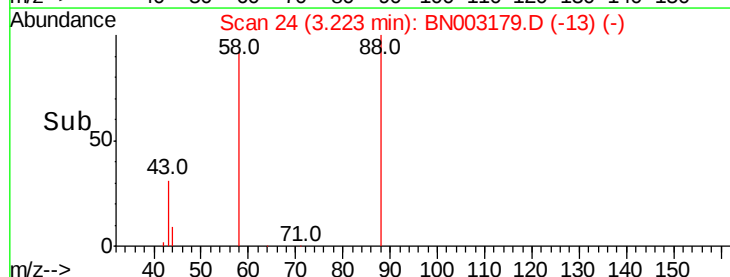
#2

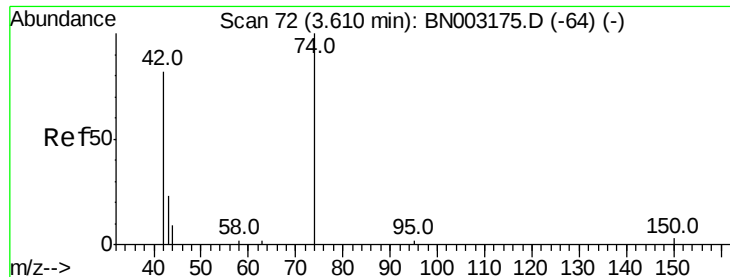
1,4-Dioxane
Concen: 0.410 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN003179.D
Acq: 17 Oct 2018 13:23

Tgt Ion: 88 Resp: 670
Ion Ratio Lower Upper
88 100
58 78.7 66.7 100.1
43 28.7 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: 0.333 ng

RT: 3.63 min Scan# 74

Delta R.T. 0.02 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

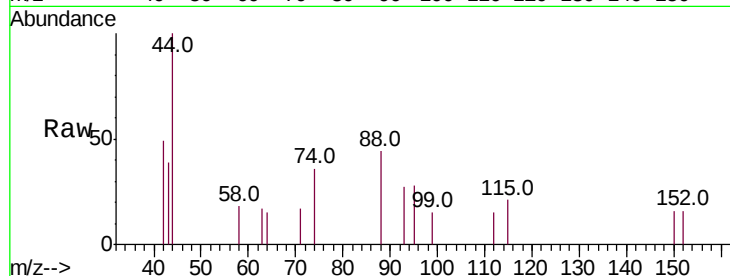
Tot Ion: 42 Resp: 166

Ion Ratio Lower Upper

42 100

74 172.9 102.9 154.3#

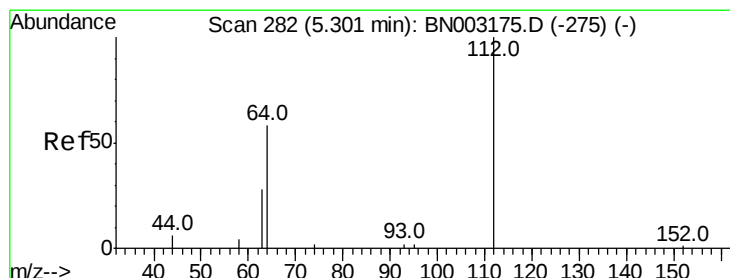
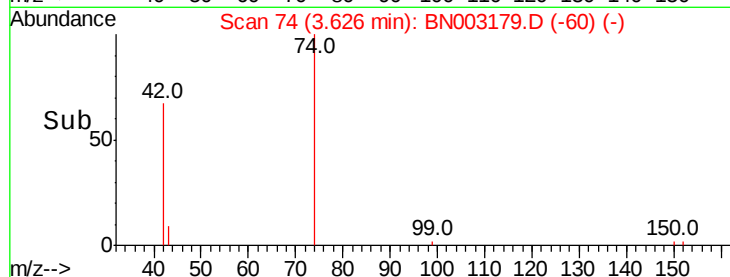
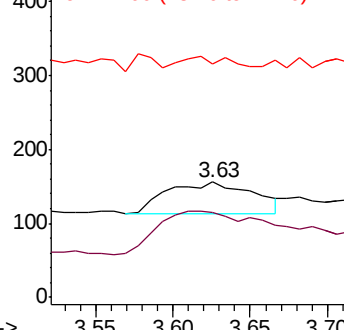
44 21.7 0.0 0.0#



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: 0.397 ng

RT: 5.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

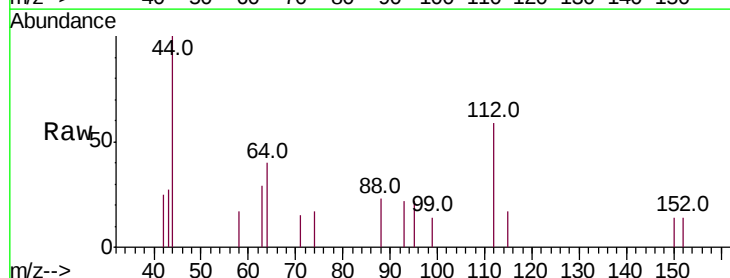
Tgt Ion: 112 Resp: 987

Ion Ratio Lower Upper

112 100

64 57.9 49.0 73.4

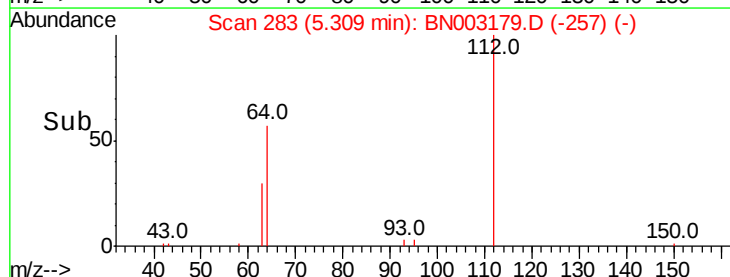
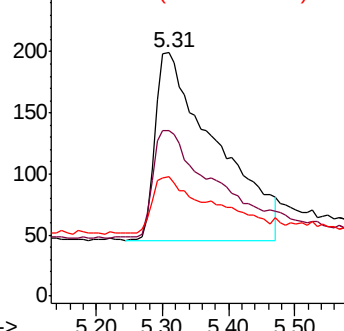
63 29.1 25.9 38.9

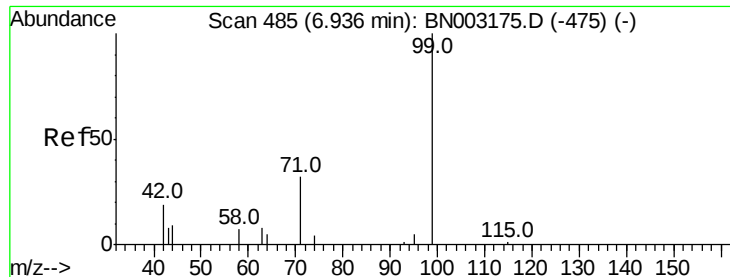


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.363 ng

RT: 6.94 min Scan# 486

Delta R.T. 0.01 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

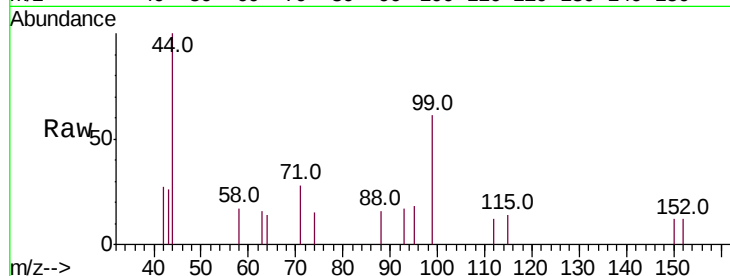
Tot Ion: 99 Resp: 1289

Ion Ratio Lower Upper

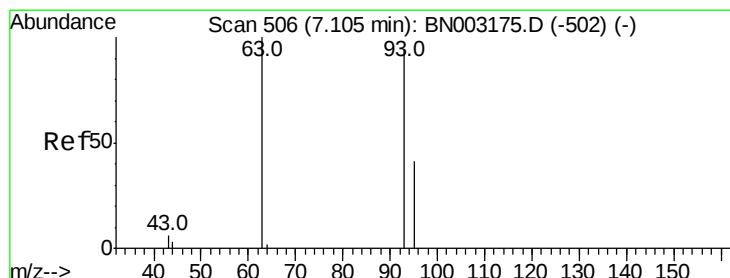
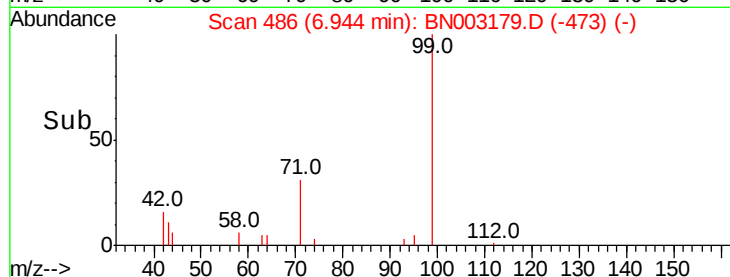
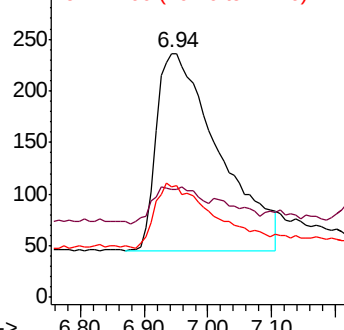
99 100

42 6.3 15.4 23.2#

71 31.3 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: 0.359 ng

RT: 7.12 min Scan# 508

Delta R.T. 0.02 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

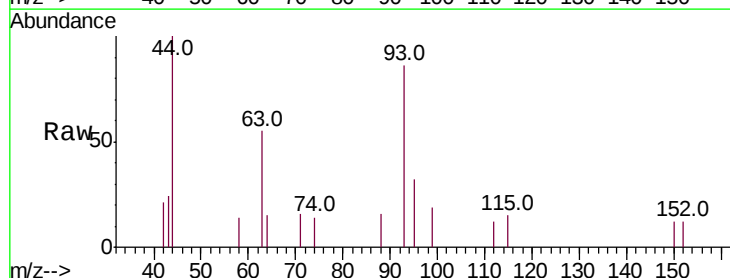
Tgt Ion: 93 Resp: 1069

Ion Ratio Lower Upper

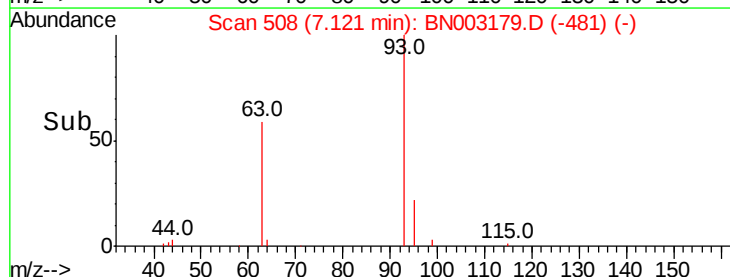
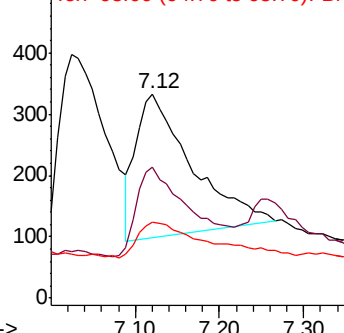
93 100

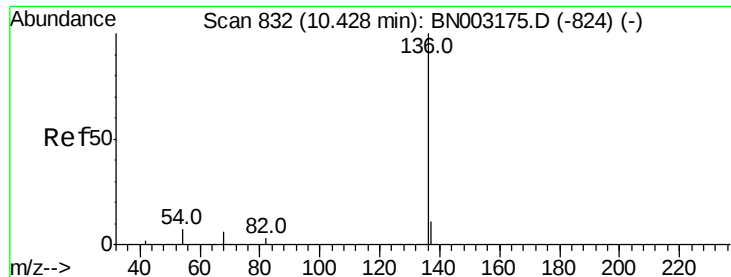
63 63.6 54.2 81.4

95 30.8 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: 10.43 min Scan# 832

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

Tot Ion:136 Resp: 4871

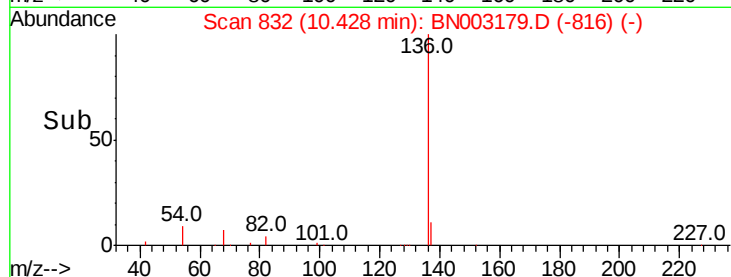
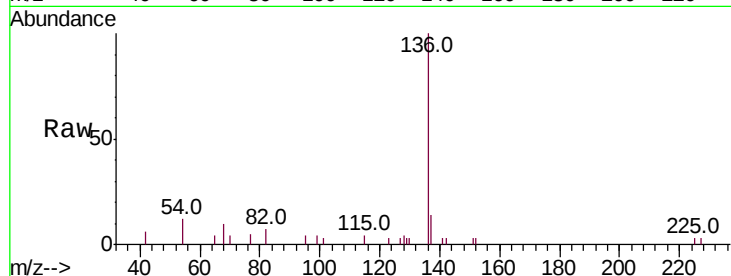
Ion Ratio Lower Upper

136 100

137 13.9 9.4 14.0

54 11.9 7.4 11.0#

68 10.3 5.8 8.6#

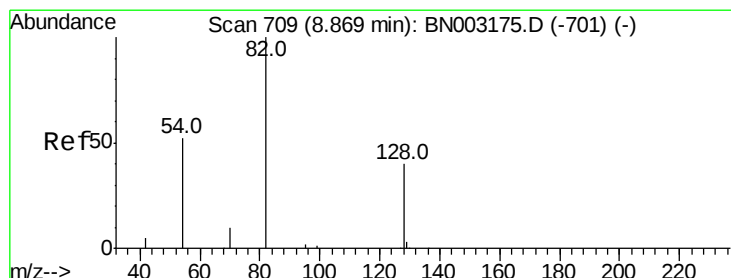
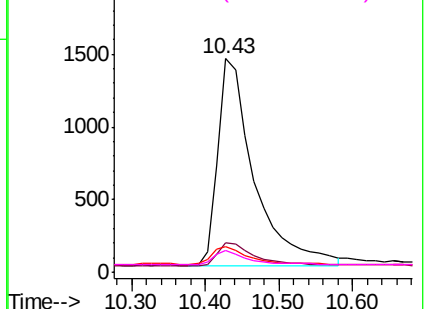


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.365 ng

RT: 8.88 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

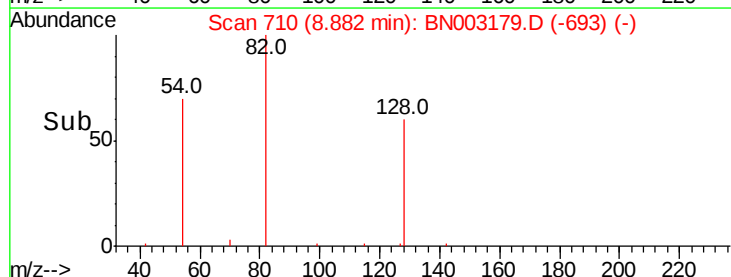
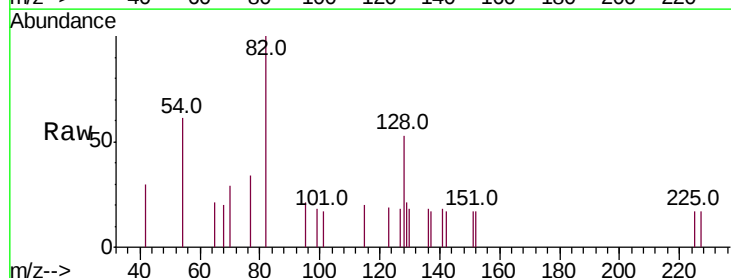
Tgt Ion: 82 Resp: 1144

Ion Ratio Lower Upper

82 100

128 52.6 38.2 57.4

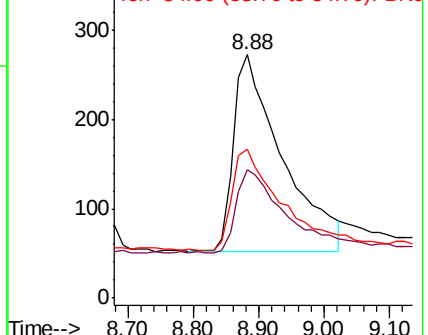
54 61.0 44.1 66.1

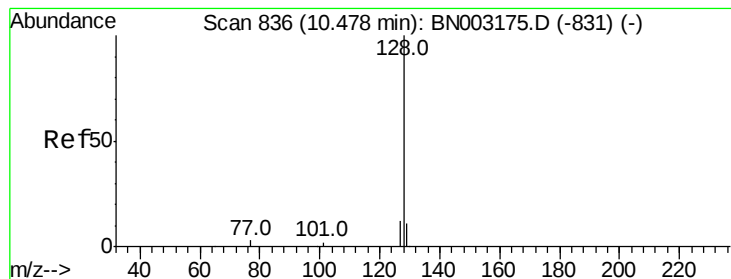


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.384 ng

RT: 10.48 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

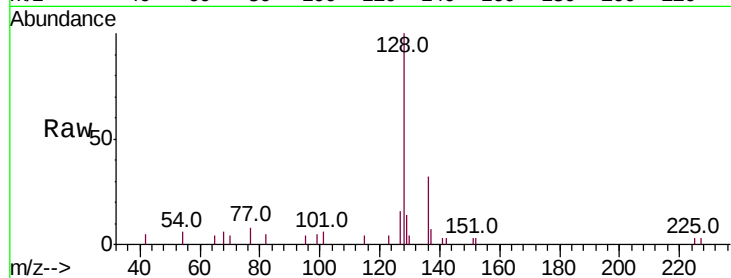
Tot Ion:128 Resp: 4652

Ion Ratio Lower Upper

128 100

129 14.0 9.8 14.6

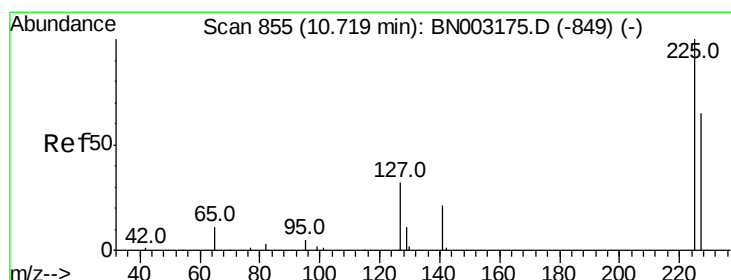
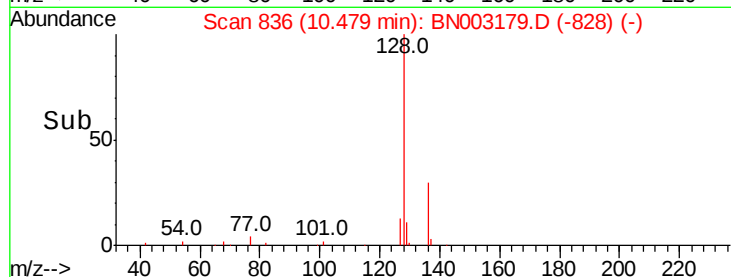
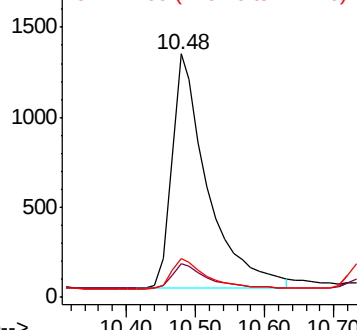
127 15.8 11.4 17.2



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: 0.384 ng

RT: 10.72 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

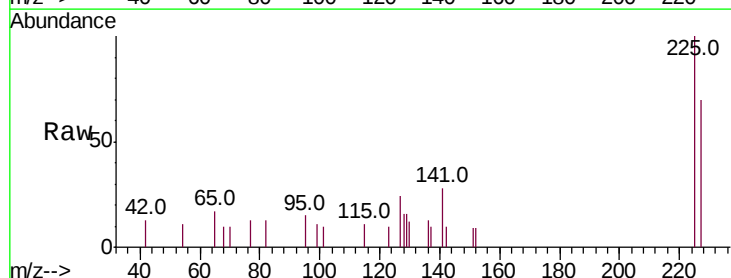
Tgt Ion:225 Resp: 911

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

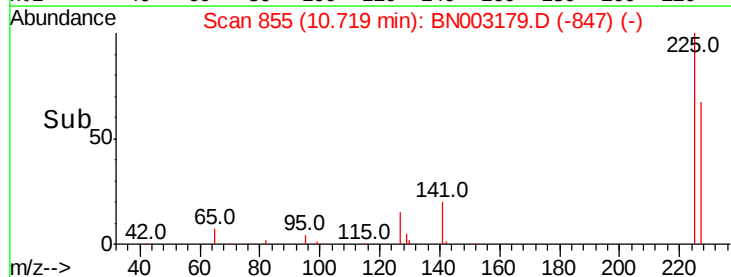
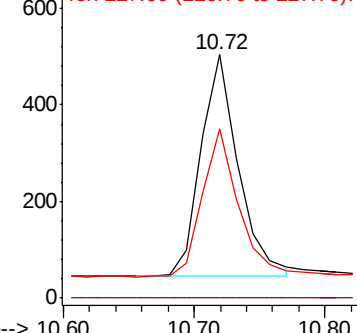
227 64.9 51.8 77.8

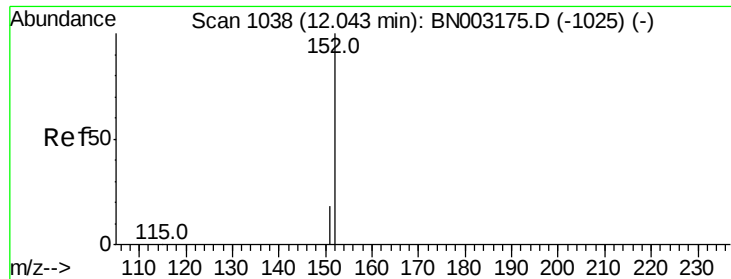


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

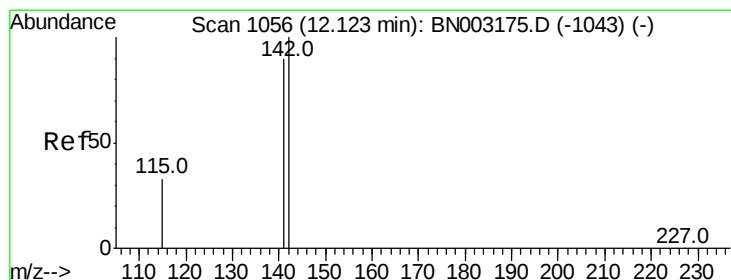
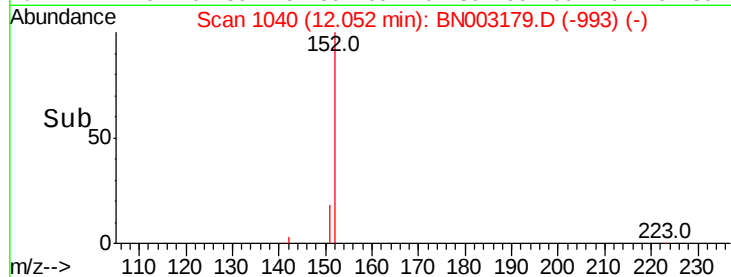
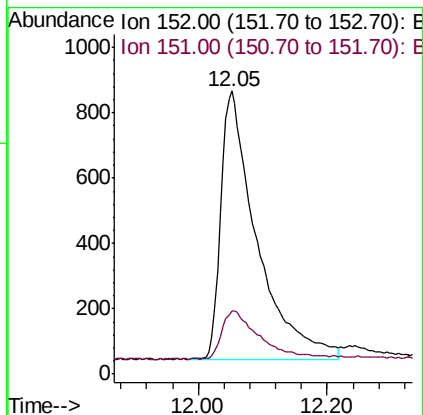
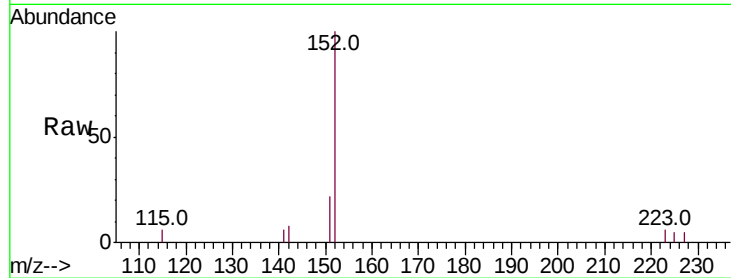




#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.05 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BN003179.D
Acq: 17 Oct 2018 13:23

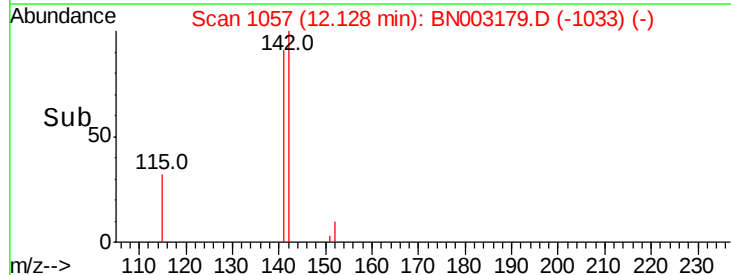
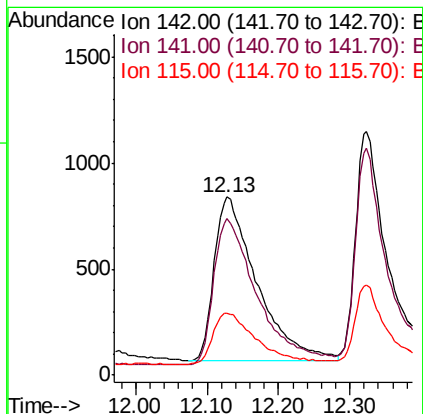
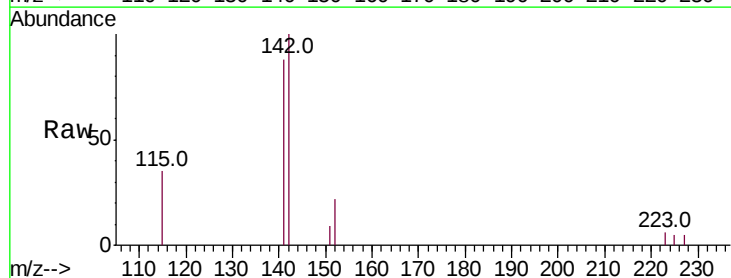
Instrument :
BNA_N
ClientSampleId :
ICVBN101718

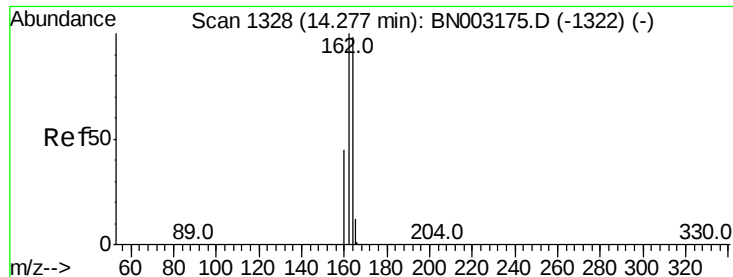
Tot Ion:152 Resp: 3171
Ion Ratio Lower Upper
152 100
151 18.1 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 12.13 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BN003179.D
Acq: 17 Oct 2018 13:23

Tgt Ion:142 Resp: 3228
Ion Ratio Lower Upper
142 100
141 87.9 71.5 107.3
115 35.0 28.1 42.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

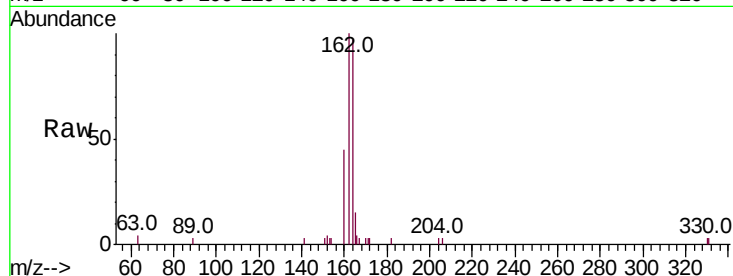
Tot Ion:164 Resp: 3359

Ion Ratio Lower Upper

164 100

162 103.6 81.7 122.5

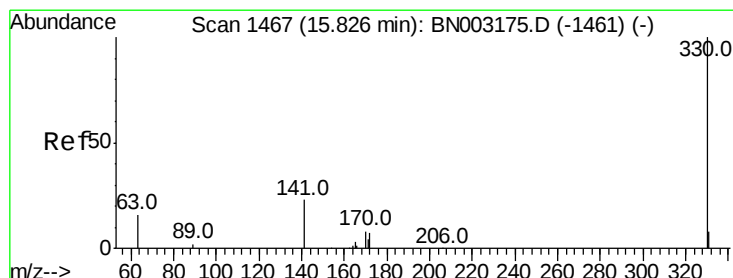
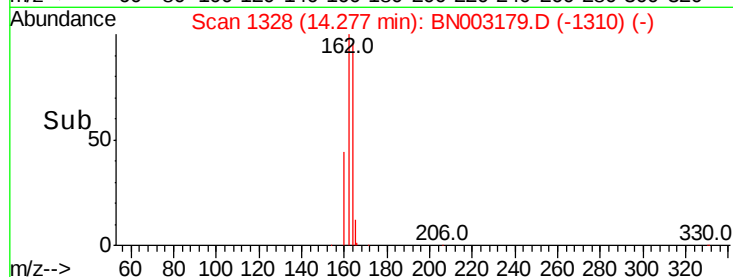
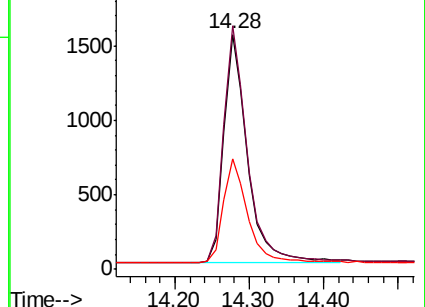
160 47.1 36.3 54.5



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: 0.347 ng

RT: 15.83 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

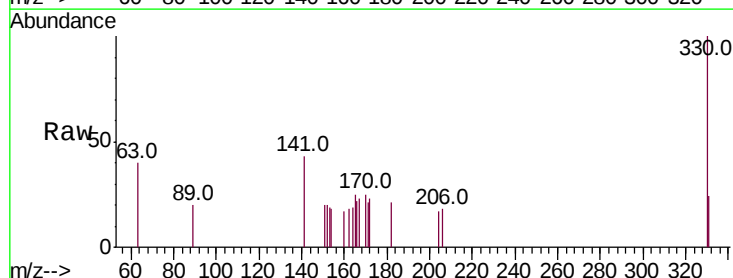
Tgt Ion:330 Resp: 743

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

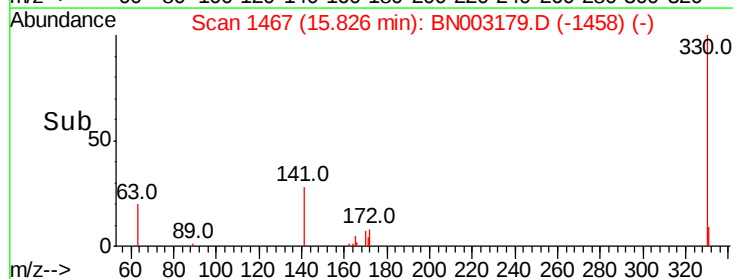
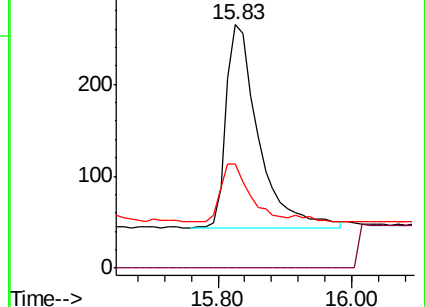
141 26.5 22.6 33.8

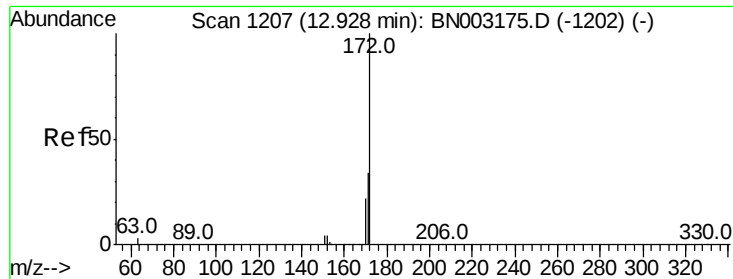


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

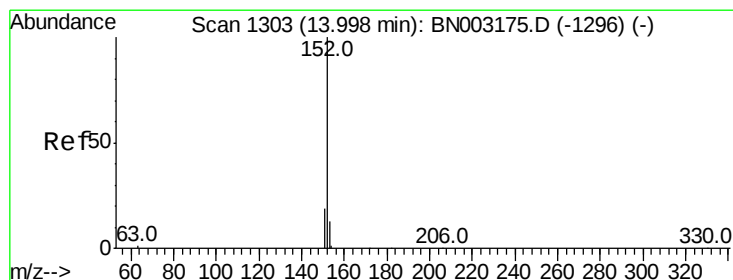
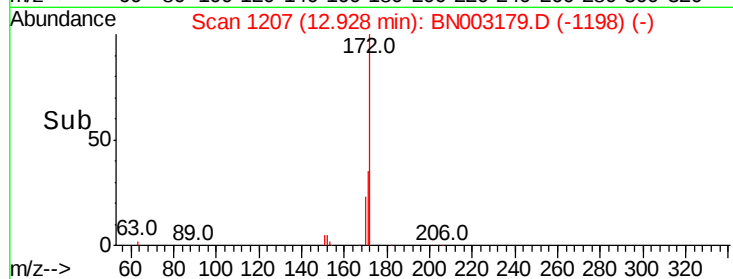
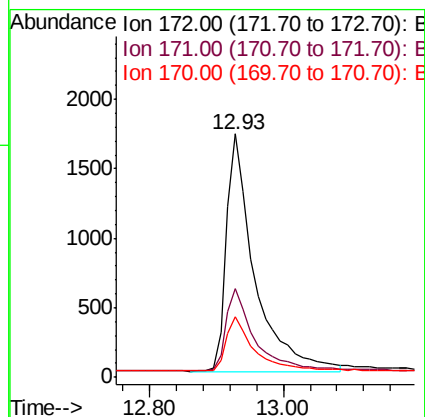
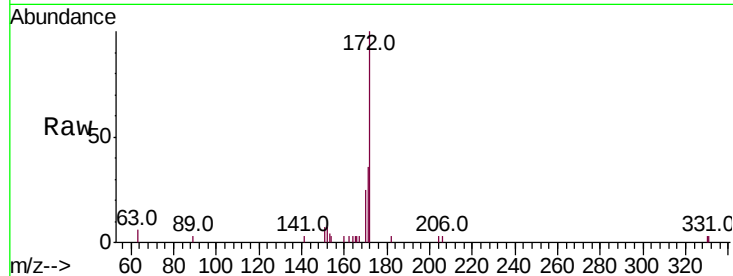




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BN003179.D
Acq: 17 Oct 2018 13:23

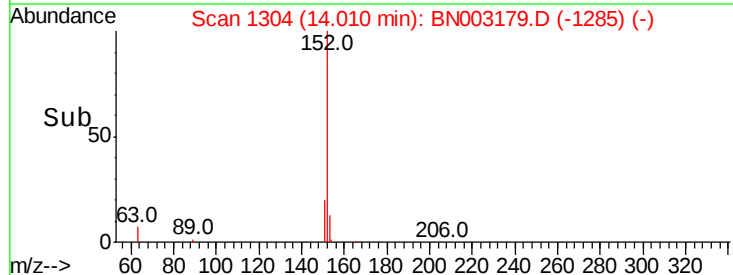
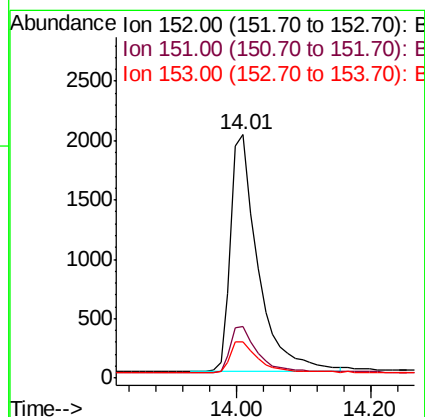
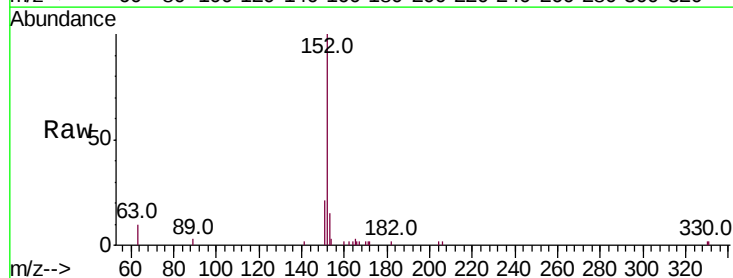
Instrument :
BNA_N
ClientSampleId :
ICVBN101718

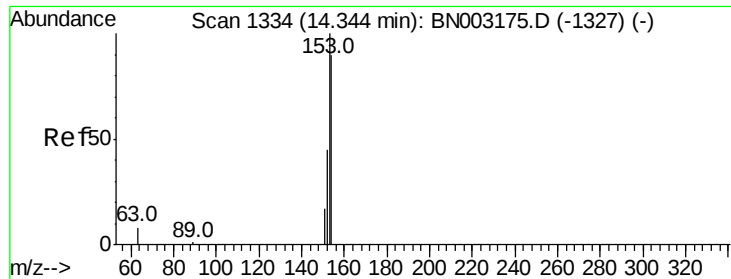
Tot Ion:172 Resp: 4976
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.7 18.6 27.8



#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.01 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BN003179.D
Acq: 17 Oct 2018 13:23

Tgt Ion:152 Resp: 5711
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.4 10.6 16.0





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

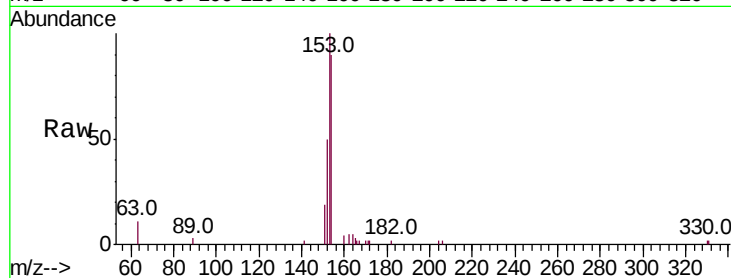
Tot Ion:154 Resp: 3935

Ion Ratio Lower Upper

154 100

153 112.7 91.0 136.4

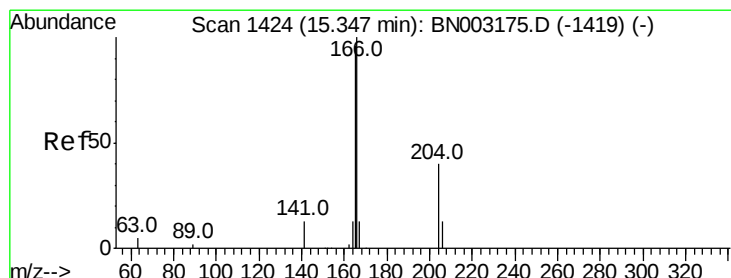
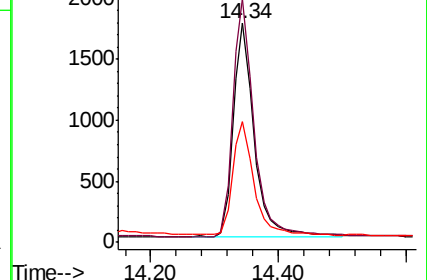
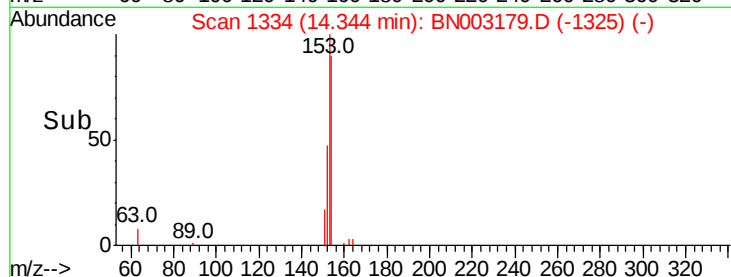
152 54.6 43.8 65.6



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: 0.380 ng

RT: 15.35 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

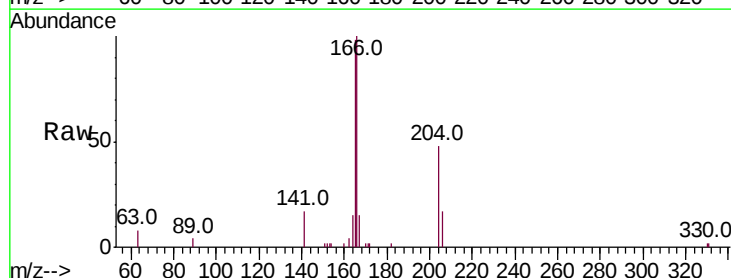
Tgt Ion:166 Resp: 5028

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.2

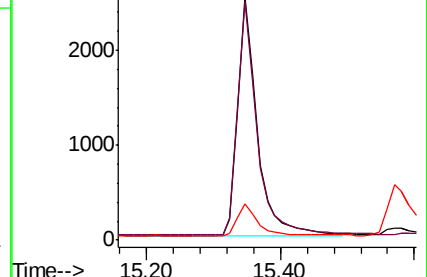
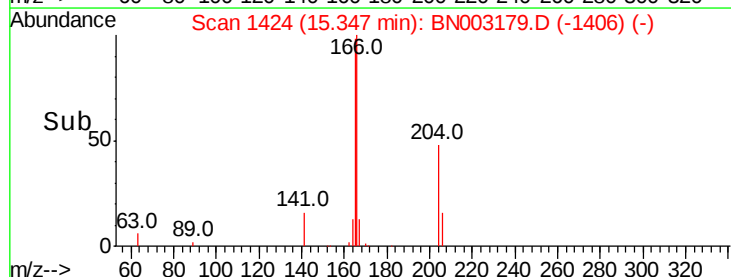
167 13.8 10.7 16.1

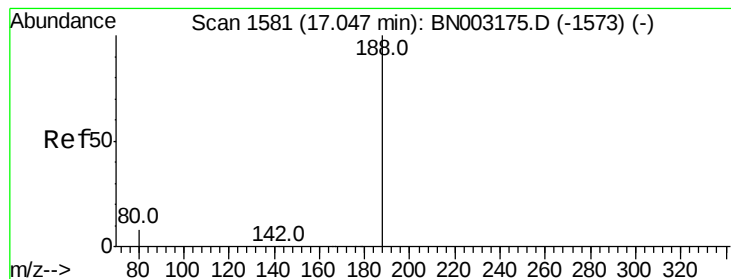


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.05 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

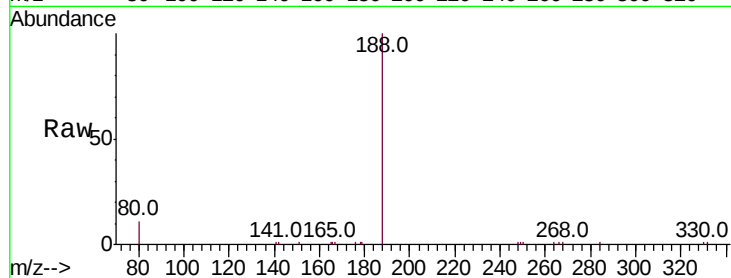
Tot Ion:188 Resp: 8510

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

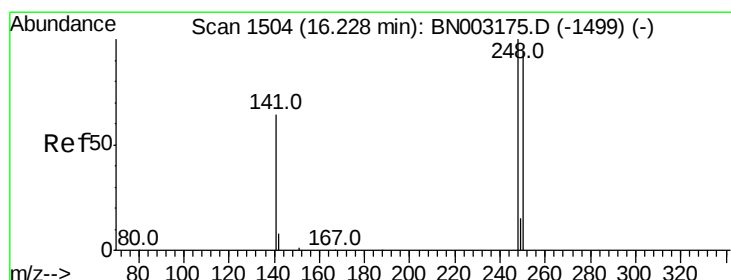
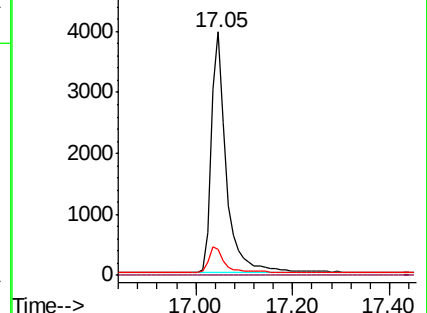
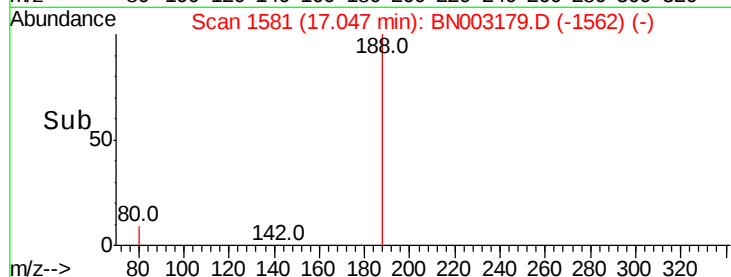
80 10.7 6.7 10.1#



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: 0.374 ng

RT: 16.23 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

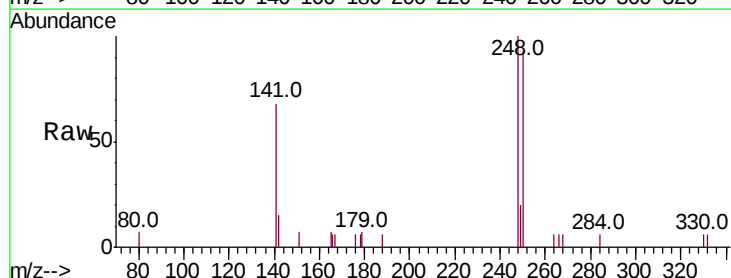
Tgt Ion:248 Resp: 1775

Ion Ratio Lower Upper

248 100

250 93.2 78.9 118.3

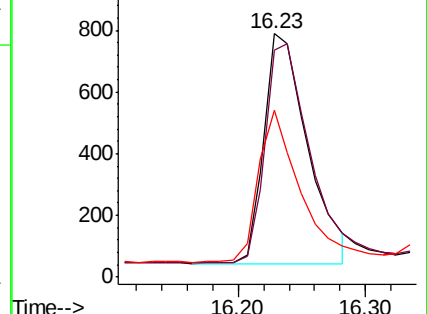
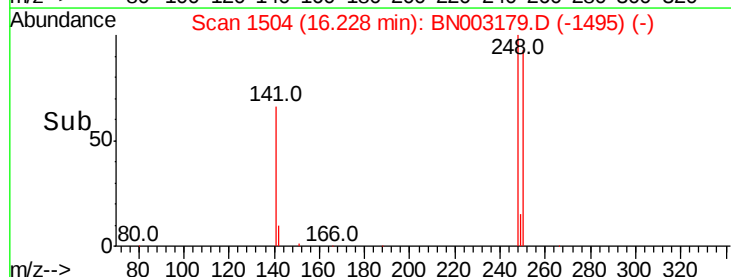
141 68.4 48.5 72.7

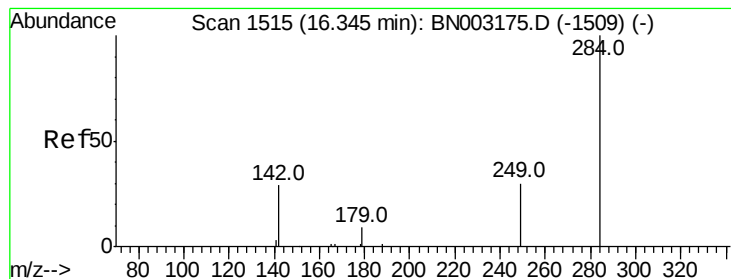


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.386 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

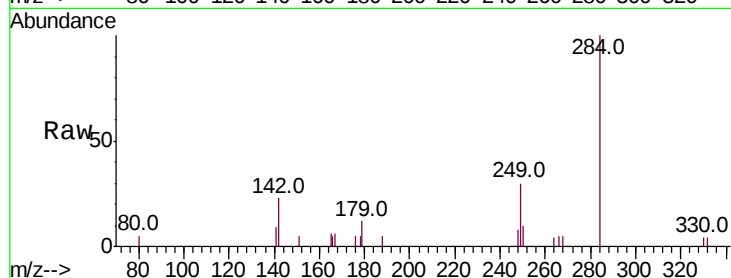
Tot Ion:284 Resp: 2024

Ion Ratio Lower Upper

284 100

142 30.1 24.6 37.0

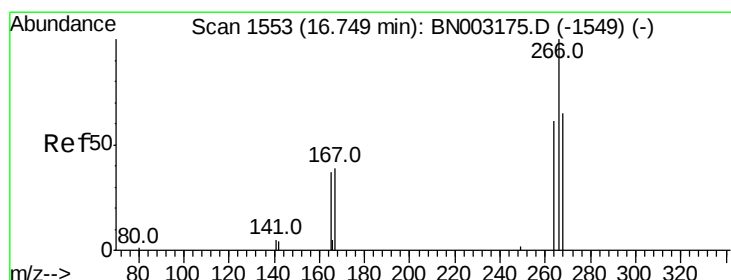
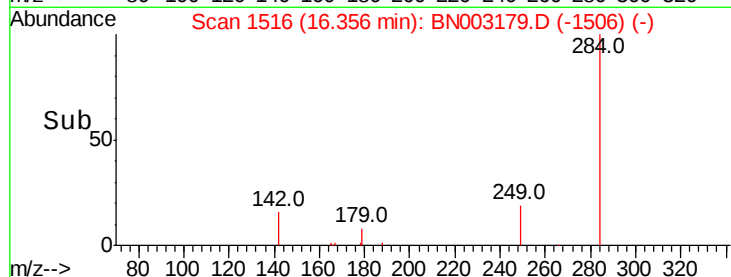
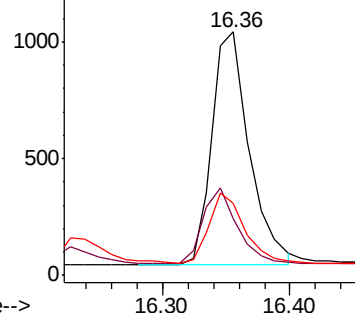
249 28.2 22.3 33.5



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: 0.335 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

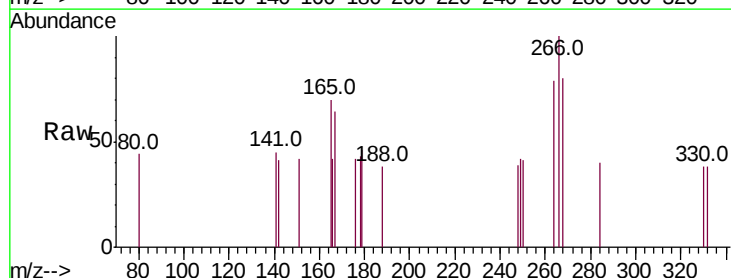
Tgt Ion:266 Resp: 301

Ion Ratio Lower Upper

266 100

264 78.6 55.0 82.4

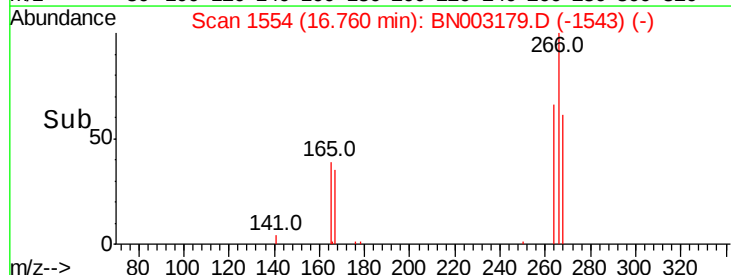
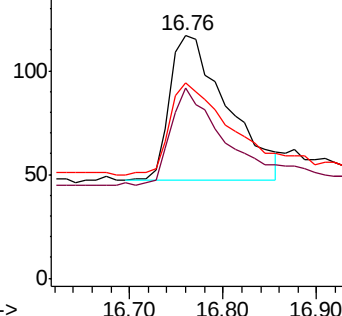
268 80.3 60.6 91.0

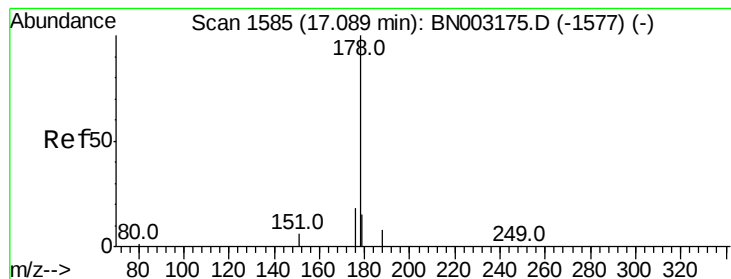


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.380 ng

RT: 17.09 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

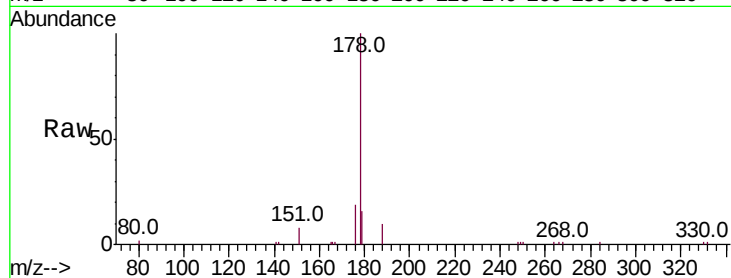
Tot Ion:178 Resp: 8458

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

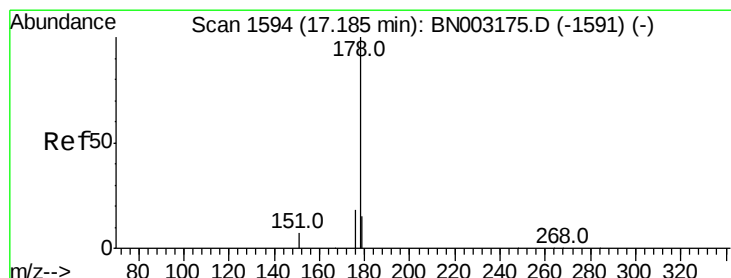
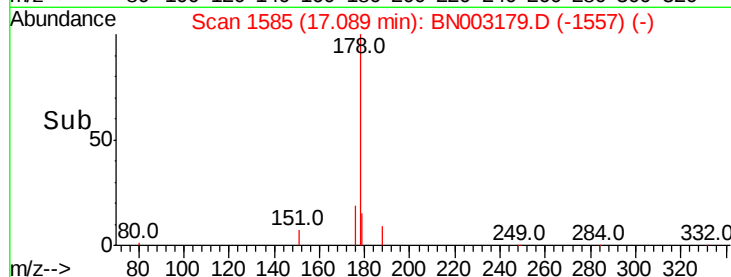
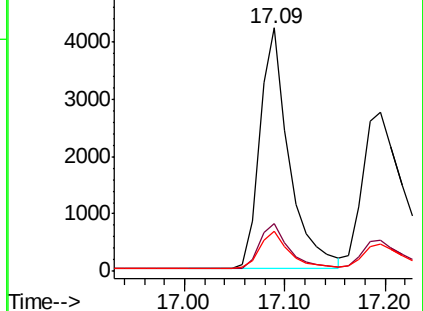
179 15.4 12.3 18.5



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: 0.374 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

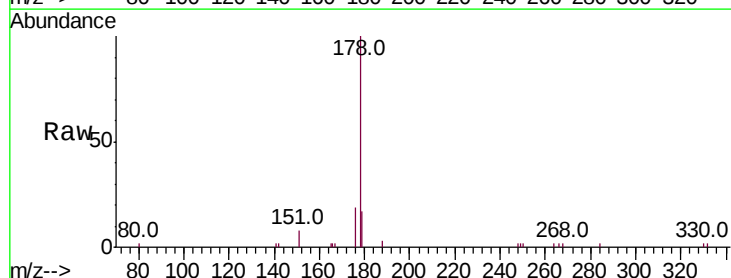
Tgt Ion:178 Resp: 7633

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

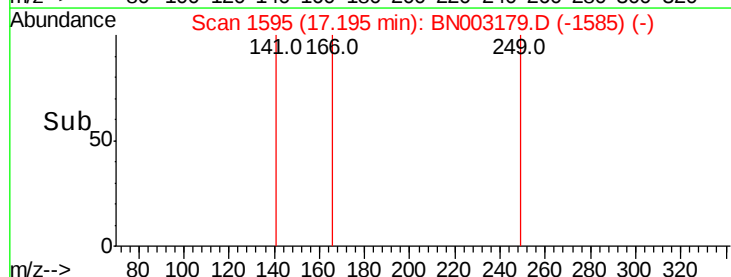
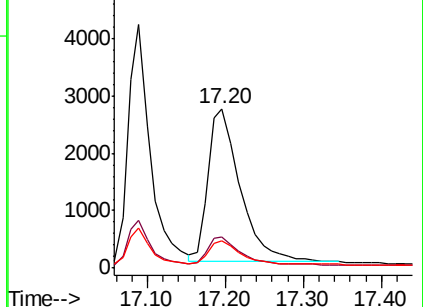
179 15.0 12.3 18.5

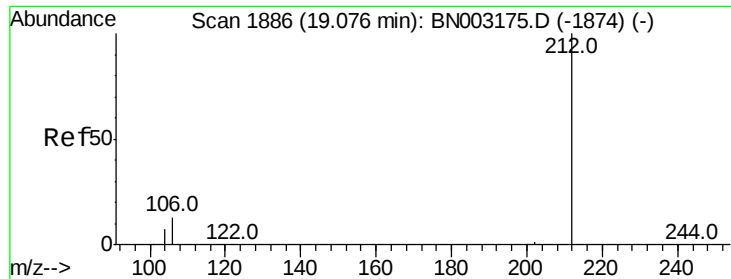


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.08 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

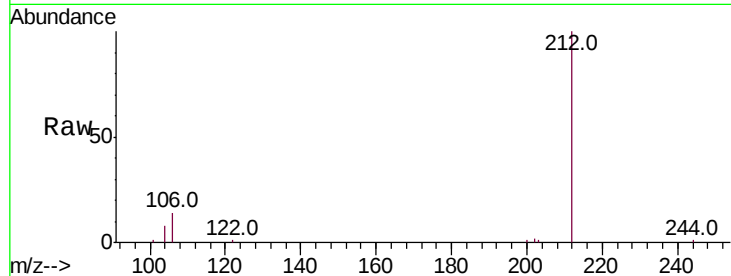
Tot Ion:212 Resp: 9922

Ion Ratio Lower Upper

212 100

106 13.4 10.2 15.4

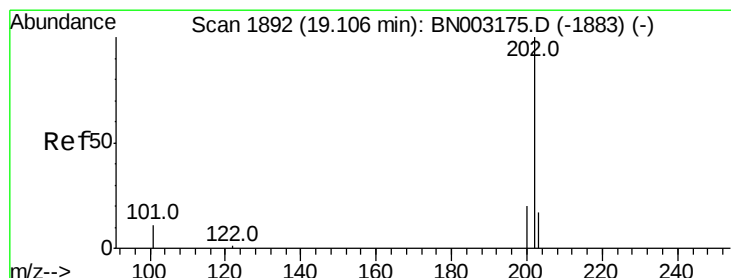
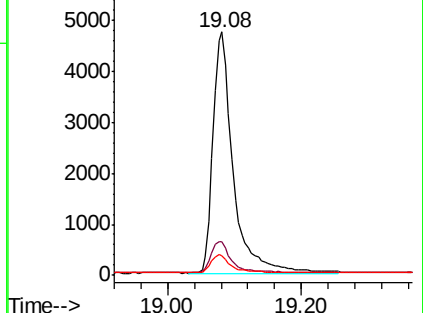
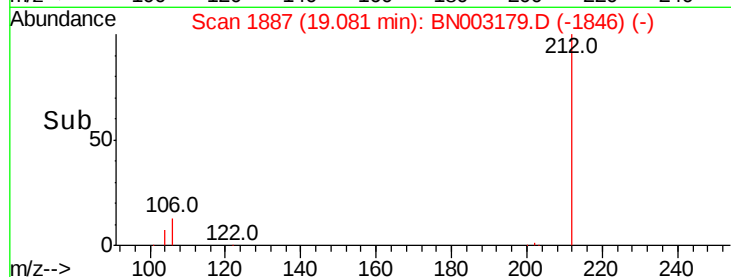
104 7.3 5.8 8.6



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: 0.378 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

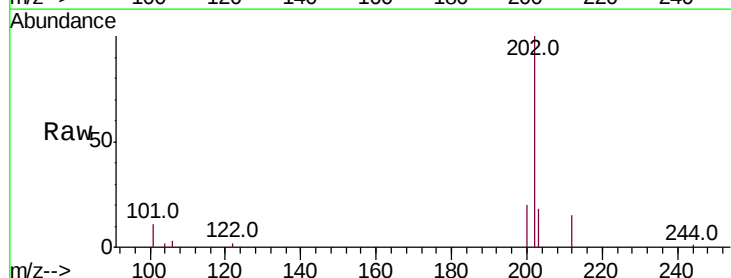
Tgt Ion:202 Resp: 10797

Ion Ratio Lower Upper

202 100

101 11.2 8.6 12.8

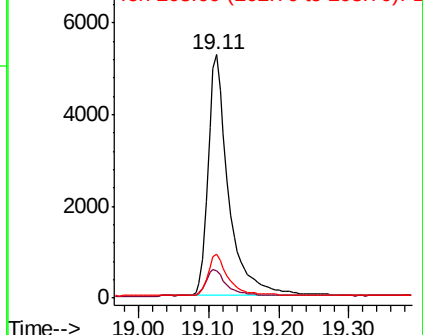
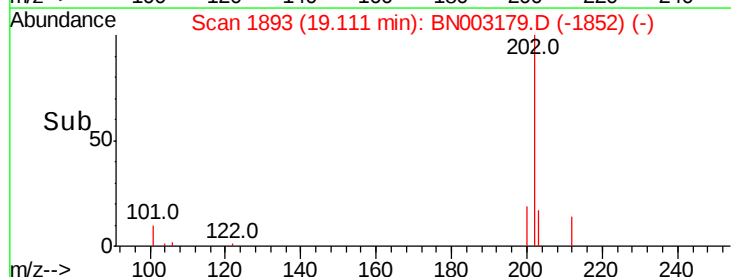
203 17.0 13.7 20.5

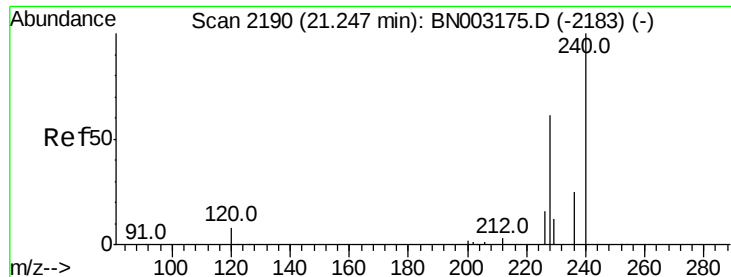


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

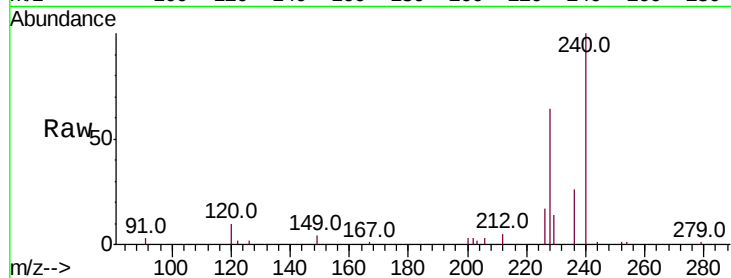




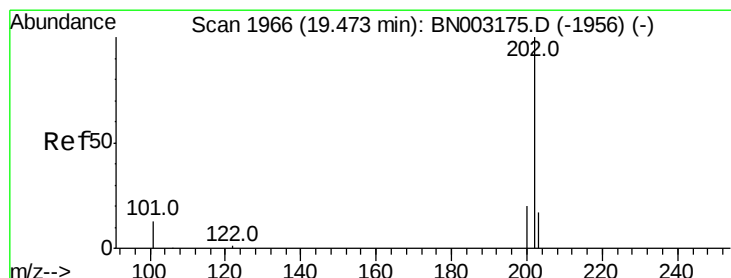
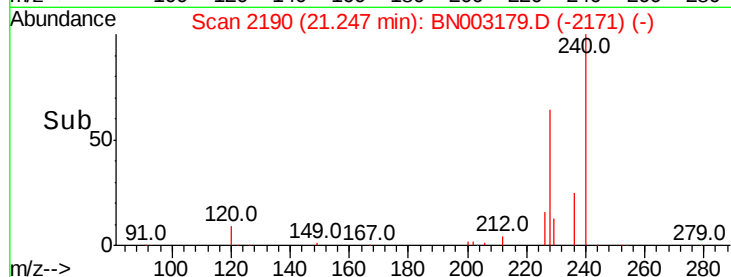
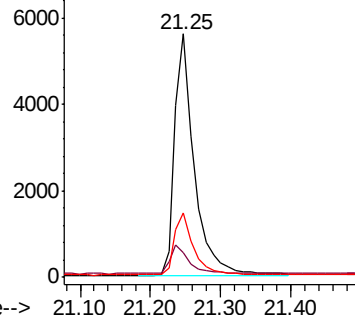
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BN003179.D
Acq: 17 Oct 2018 13:23

Instrument :
BNA_N
ClientSampleId :
ICVBN101718

Tot Ion:240 Resp: 10813
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.8
236 26.2 21.0 31.4

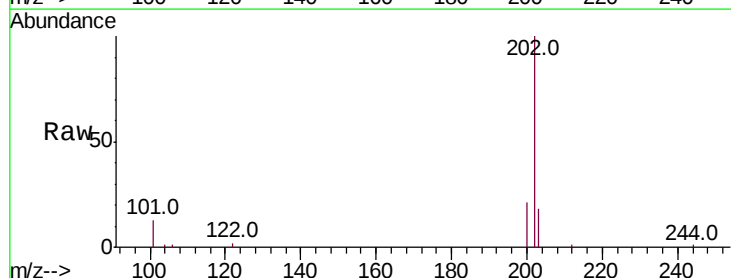


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

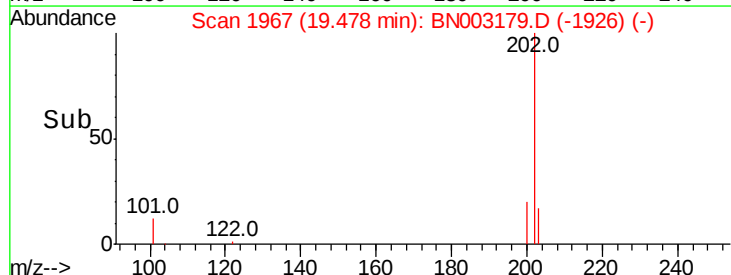
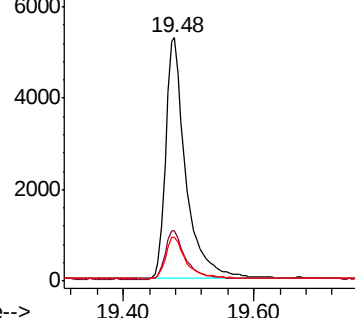


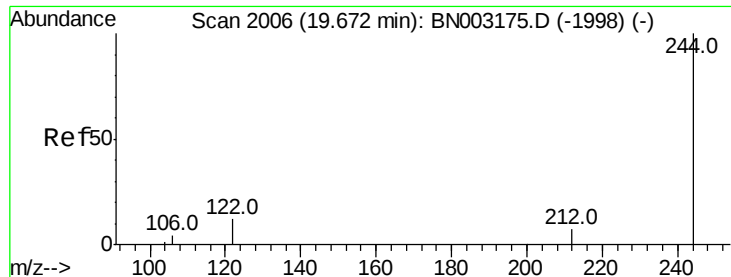
#28
Pyrene
Concen: 0.375 ng
RT: 19.48 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BN003179.D
Acq: 17 Oct 2018 13:23

Tgt Ion:202 Resp: 11328
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: 0.366 ng

RT: 19.68 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

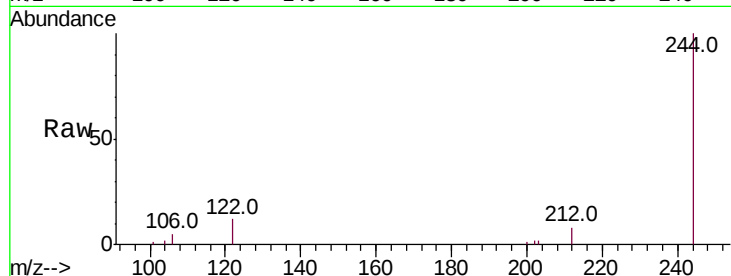
Tot Ion:244 Resp: 8581

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

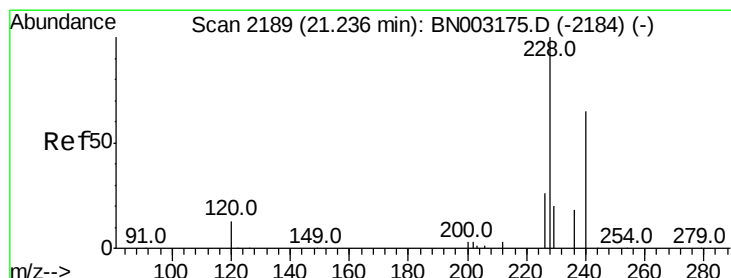
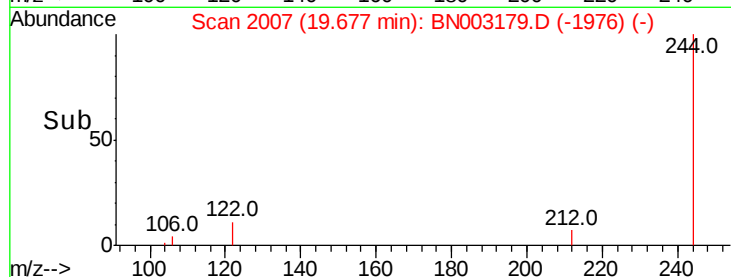
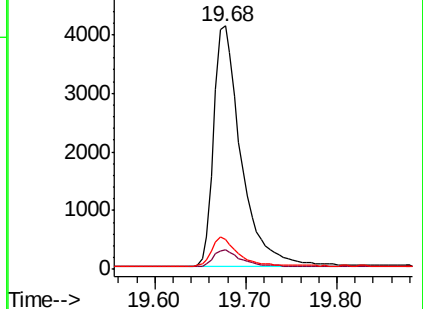
122 12.3 9.1 13.7



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: 0.338 ng

RT: 21.24 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

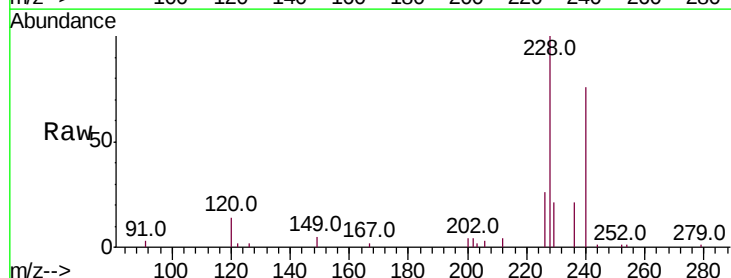
Tgt Ion:228 Resp: 9836

Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.2

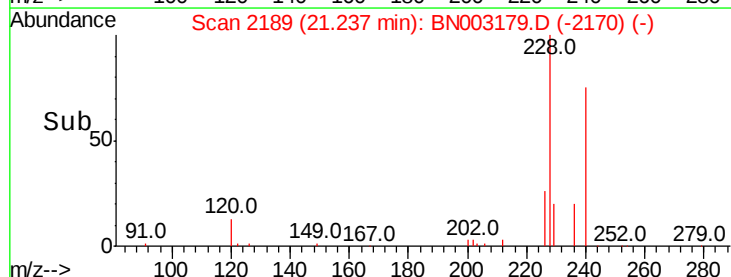
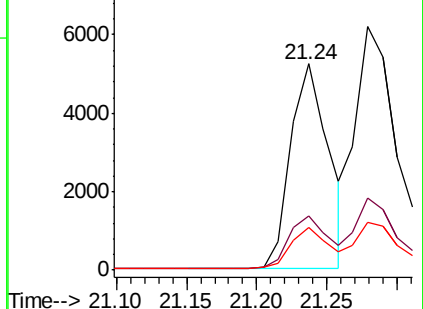
229 20.5 16.4 24.6

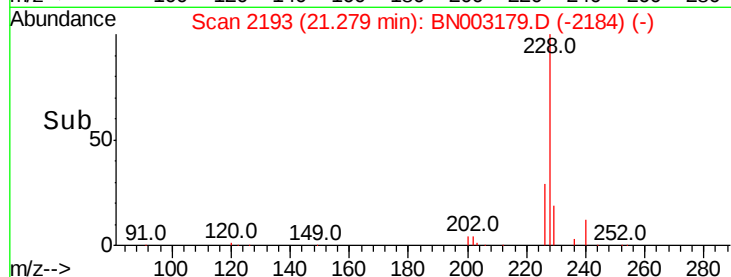
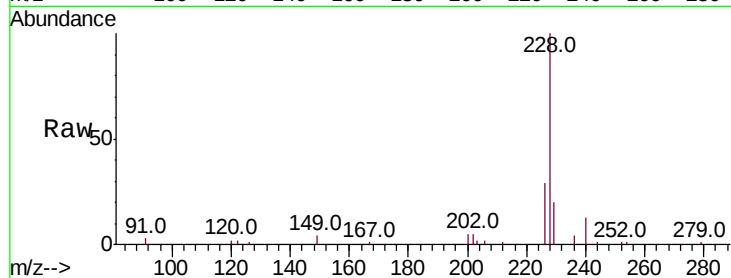
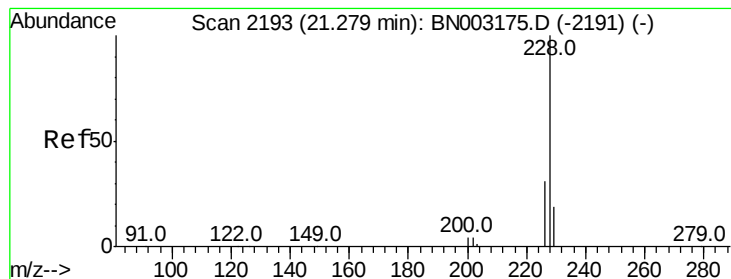


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

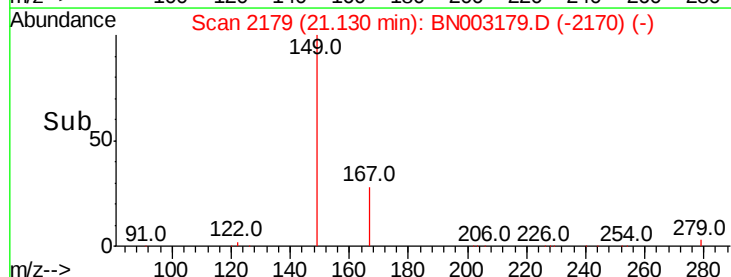
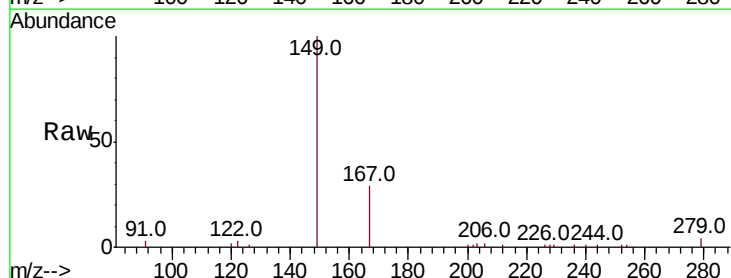
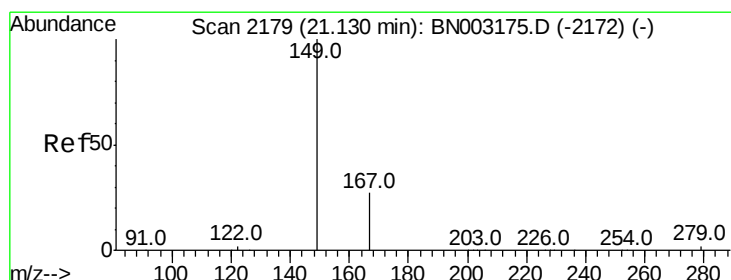
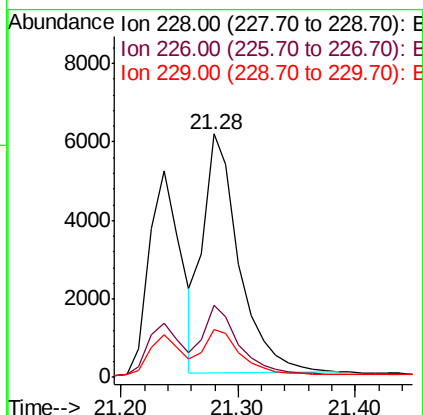
BNA_N

ClientSampleId :

ICVBN101718

Tot Ion:228 Resp: 13006

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.1	34.7
229	19.8	15.9	23.9



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.357 ng

RT: 21.13 min Scan# 2179

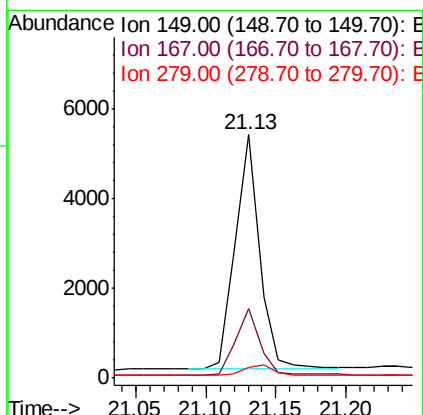
Delta R.T. 0.00 min

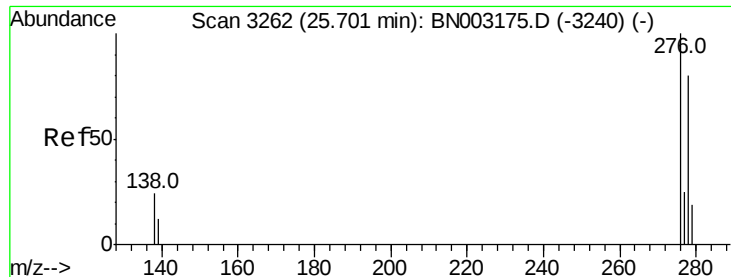
Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Tgt Ion:149 Resp: 6280

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.4
279	5.0	3.7	5.5





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.352 ng

RT: 25.71 min Scan# 3264

Delta R.T. 0.01 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

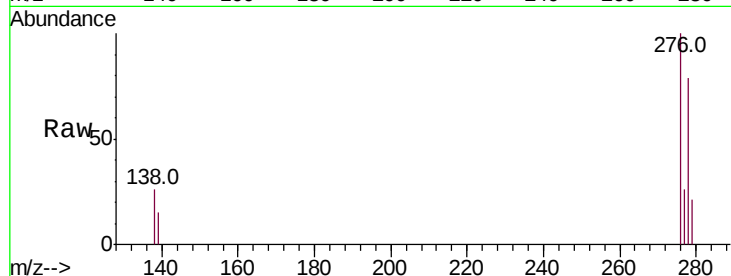
Tot Ion:276 Resp: 13825

Ion Ratio Lower Upper

276 100

138 23.5 18.2 27.4

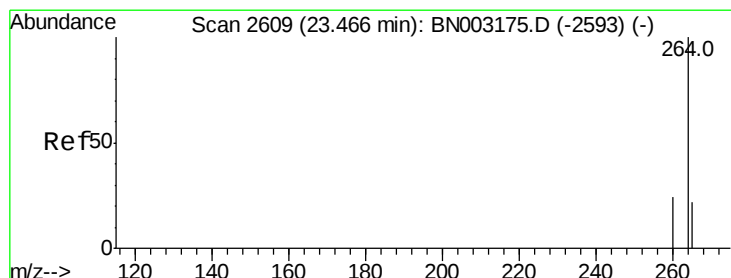
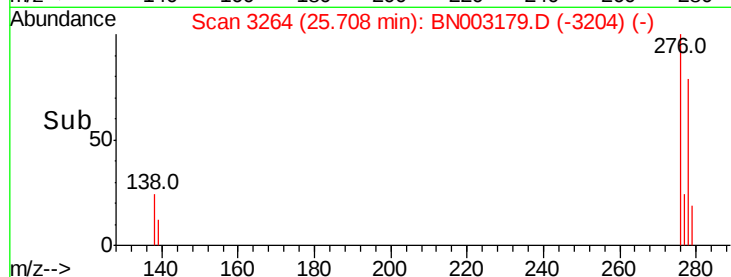
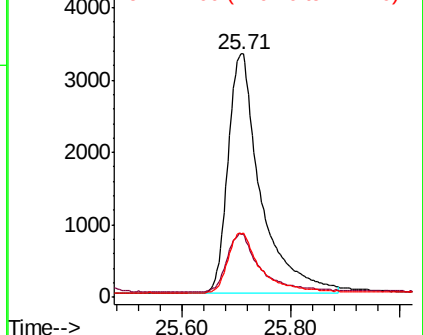
277 24.9 20.2 30.4



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: 23.47 min Scan# 2610

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

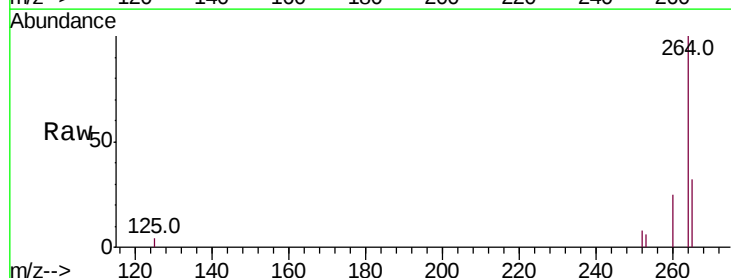
Tgt Ion:264 Resp: 11221

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

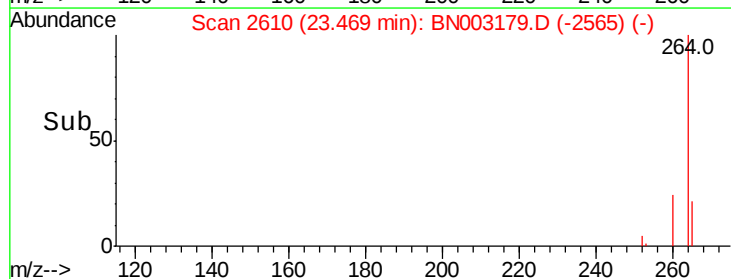
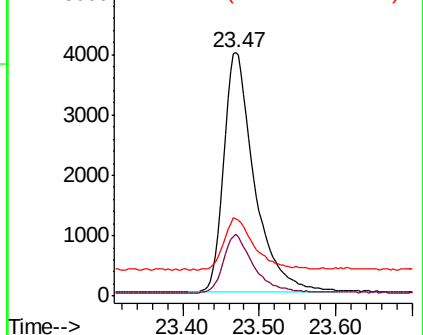
265 31.7 27.6 41.4

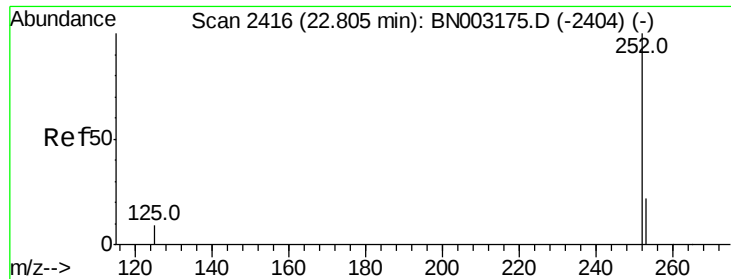


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.379 ng

RT: 22.81 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

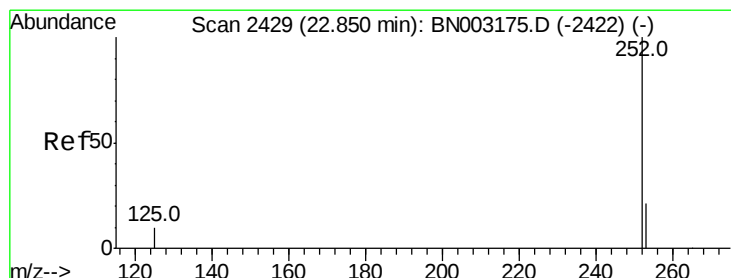
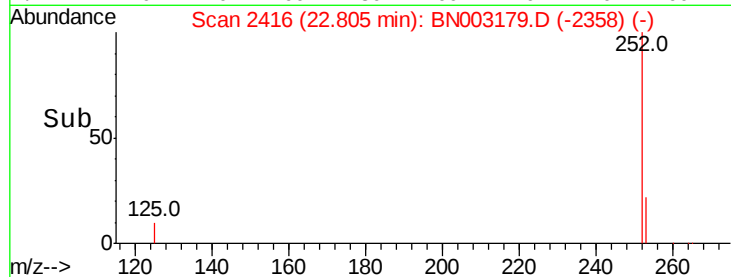
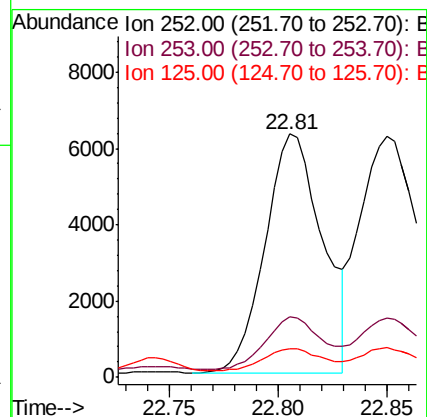
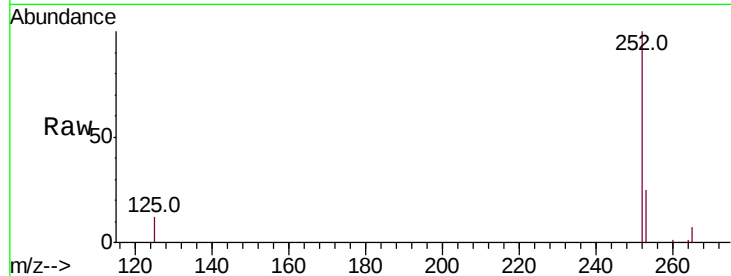
Tot Ion:252 Resp: 11480

Ion Ratio Lower Upper

252 100

253 24.6 20.8 31.2

125 11.9 9.6 14.4



#36

Benzo(k)fluoranthene

Concen: 0.378 ng

RT: 22.85 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

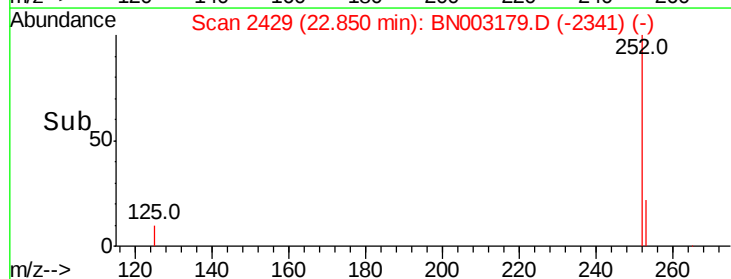
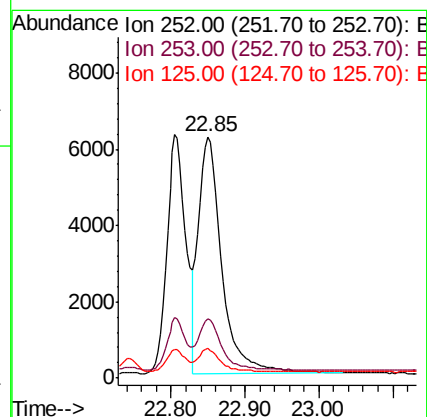
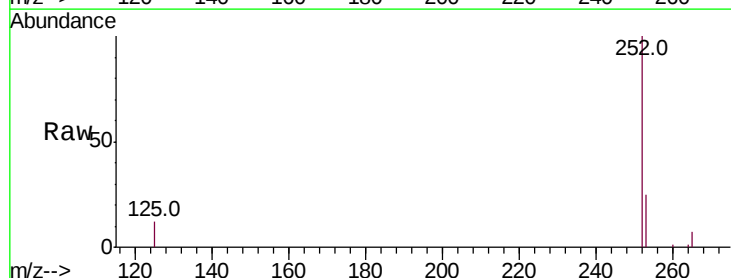
Tgt Ion:252 Resp: 13533

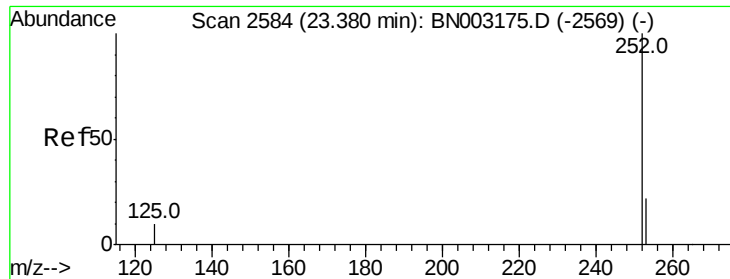
Ion Ratio Lower Upper

252 100

253 24.6 20.5 30.7

125 12.2 9.4 14.0





#37

Benzo(a)pyrene

Concen: 0.371 ng

RT: 23.38 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

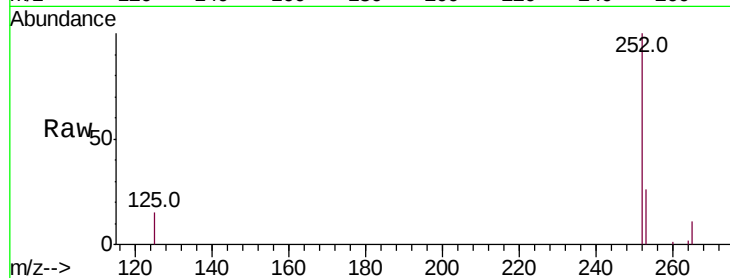
Tot Ion:252 Resp: 11590

Ion Ratio Lower Upper

252 100

253 26.3 22.4 33.6

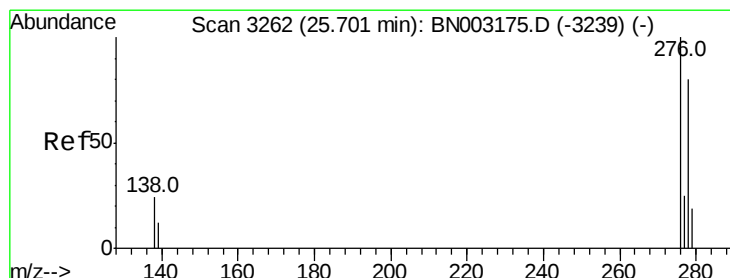
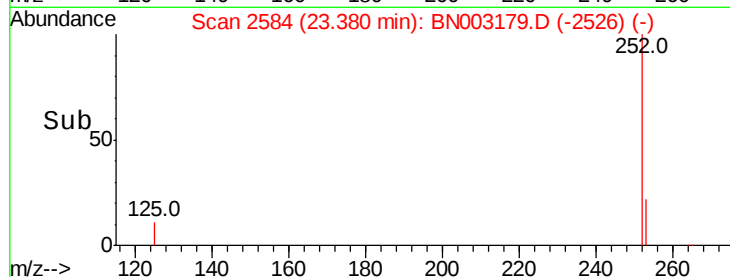
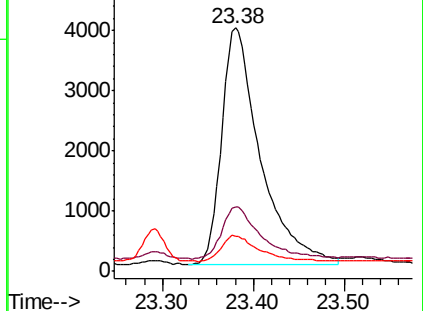
125 14.6 11.4 17.0



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: 0.360 ng

RT: 25.70 min Scan# 3263

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

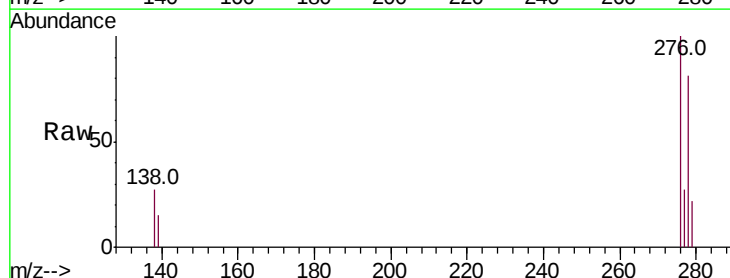
Tgt Ion:278 Resp: 11481

Ion Ratio Lower Upper

278 100

139 18.5 14.6 21.8

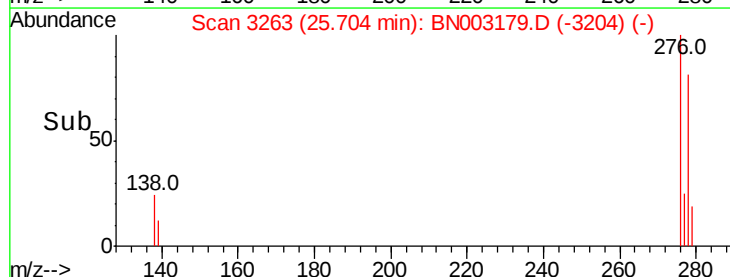
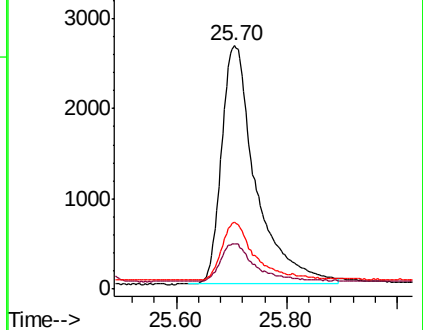
279 27.3 23.1 34.7

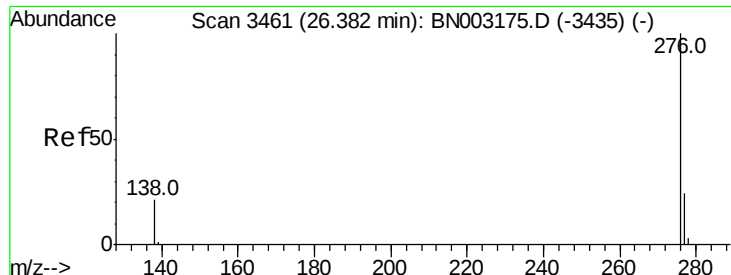


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.364 ng

RT: 26.38 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BN003179.D

Acq: 17 Oct 2018 13:23

Instrument :

BNA_N

ClientSampleId :

ICVBN101718

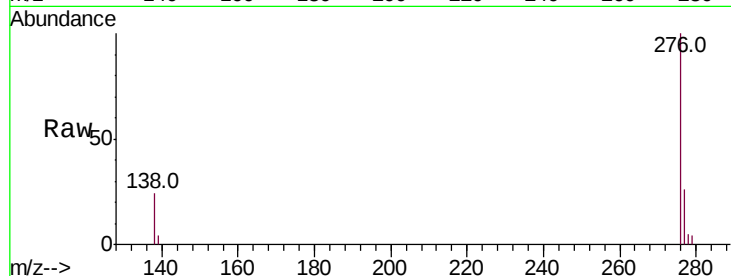
Tot Ion:276 Resp: 11736

Ion Ratio Lower Upper

276 100

277 25.7 21.0 31.4

138 23.6 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

