

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003305.D
 Acq On : 26 Oct 2018 15:21
 Operator : MJ/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN102618

Quant Time: Oct 29 16:19:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	12527	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	52810	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	30442	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	74169	0.40	ng	0.00
27) Chrysene-d12	21.42	240	87594	0.40	ng	0.00
34) Perylene-d12	23.74	264	82236	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	11774	0.38	ng	0.00
5) Phenol-d6	7.02	99	14696	0.38	ng	0.00
8) Nitrobenzene-d5	9.02	82	9151	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	32763	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	4044	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	50223	0.38	ng	0.00
25) Fluoranthene-d10	19.27	212	80313	0.37	ng	0.00
29) Terphenyl-d14	19.87	244	74042	0.36	ng	0.00

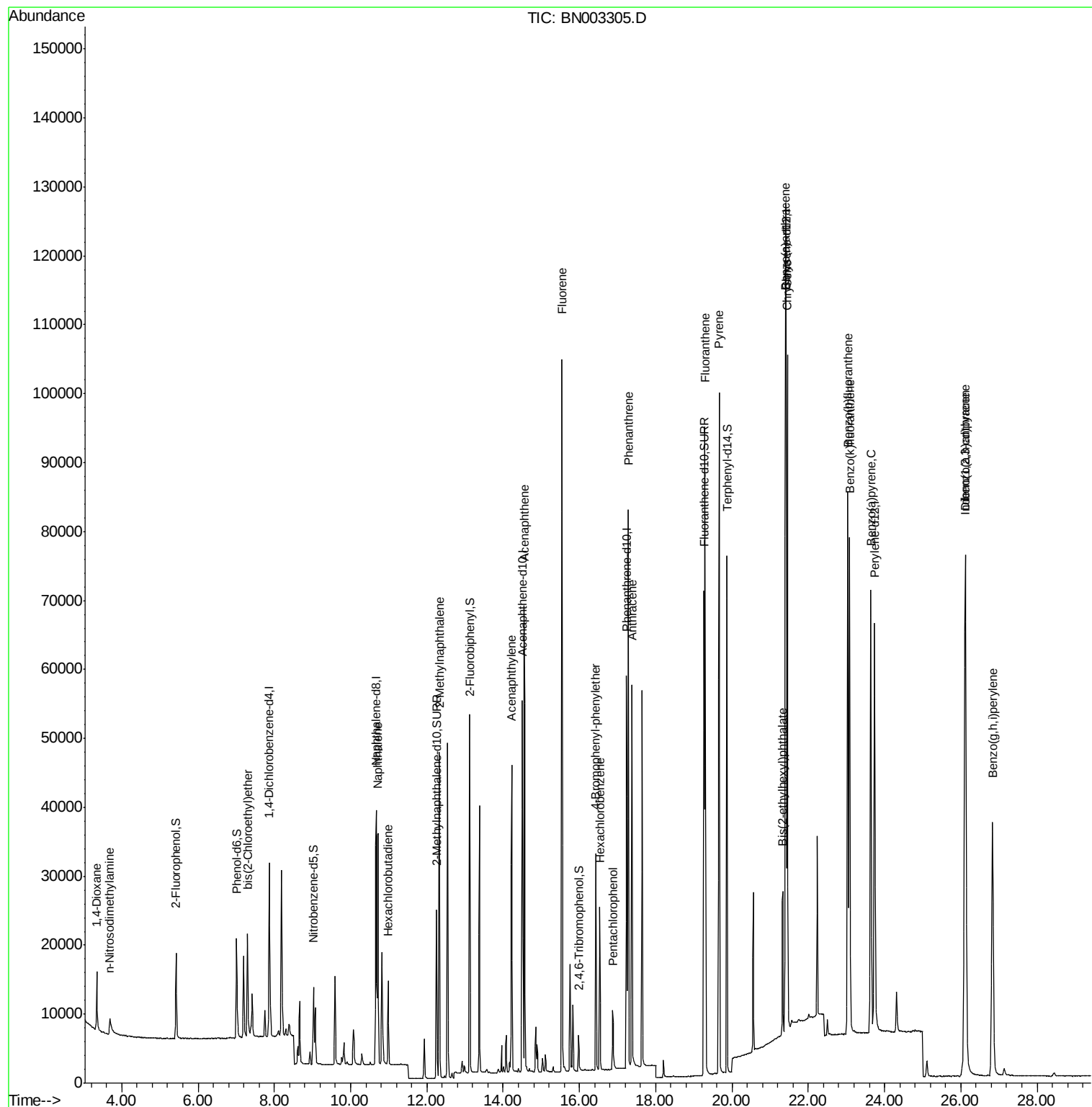
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	6002	0.370	ng	99
3) n-Nitrosodimethylamine	3.69	42	2703	0.362	ng	# 98
6) bis(2-Chloroethyl)ether	7.30	93	13949	0.399	ng	99
9) Naphthalene	10.72	128	50015	0.387	ng	100
10) Hexachlorobutadiene	10.99	225	9259	0.392	ng	# 99
12) 2-Methylnaphthalene	12.32	142	34474	0.382	ng	99
16) Acenaphthylene	14.22	152	49027	0.361	ng	100
17) Acenaphthene	14.56	154	36052	0.383	ng	100
18) Fluorene	15.55	166	45214	0.384	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	16326	0.380	ng	# 72
21) Hexachlorobenzene	16.54	284	17696	0.391	ng	100
22) Pentachlorophenol	16.88	266	4573	0.373	ng	99
23) Phenanthrene	17.28	178	77535	0.381	ng	100
24) Anthracene	17.38	178	62587	0.359	ng	100
26) Fluoranthene	19.29	202	87295	0.374	ng	100
28) Pyrene	19.66	202	88655	0.366	ng	100
30) Benzo(a)anthracene	21.41	228	78671	0.343	ng	100
31) Chrysene	21.46	228	92330	0.373	ng	100
32) Bis(2-ethylhexyl)phthalate	21.33	149	21883	0.322	ng	100
33) Indeno(1,2,3-cd)pyrene	26.11	276	100787	0.393	ng	100
35) Benzo(b)fluoranthene	23.04	252	97722	0.381	ng	99
36) Benzo(k)fluoranthene	23.08	252	94373	0.371	ng	100
37) Benzo(a)pyrene	23.64	252	89130	0.382	ng	98
38) Dibenzo(a,h)anthracene	26.13	278	81846	0.376	ng	100
39) Benzo(g,h,i)perylene	26.83	276	81160	0.373	ng	100

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

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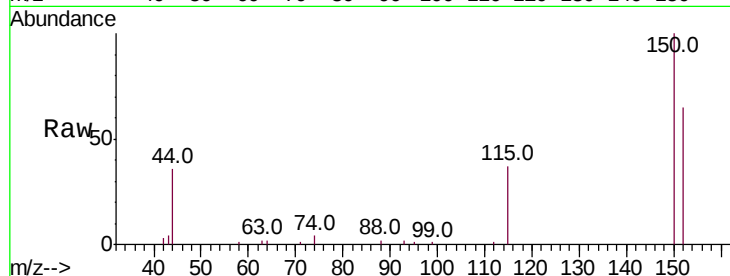


#1

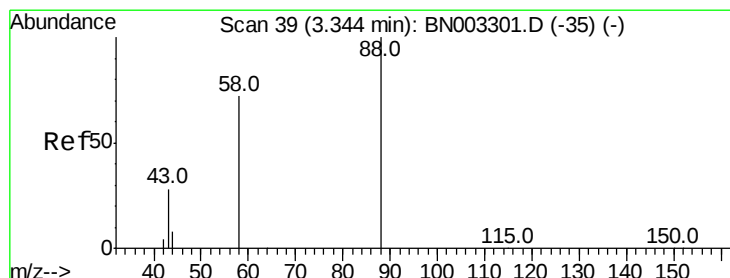
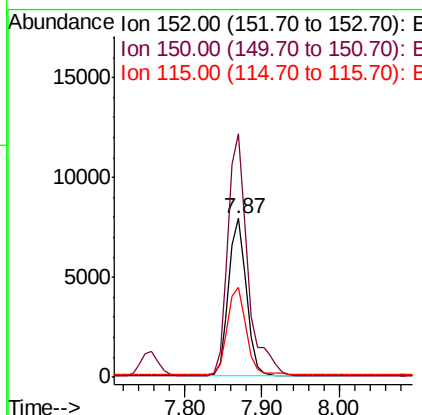
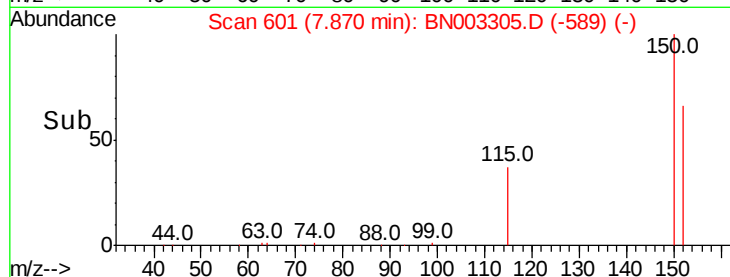
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.87 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BN003305.D
 Acq: 26 Oct 2018 15:21

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN102618

Tot Ion:152 Resp: 12527
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 187.0
 115 56.6 46.4 69.6



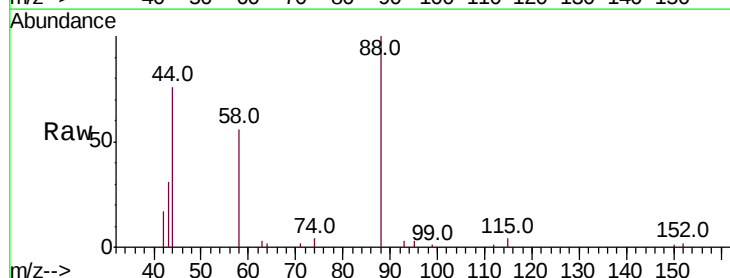
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



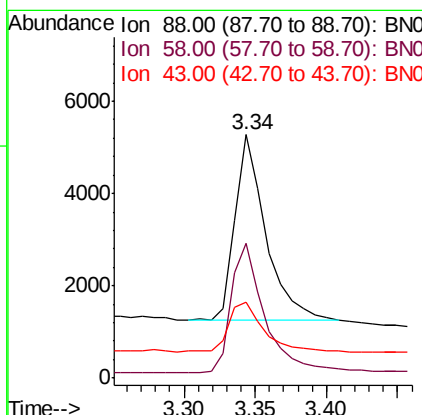
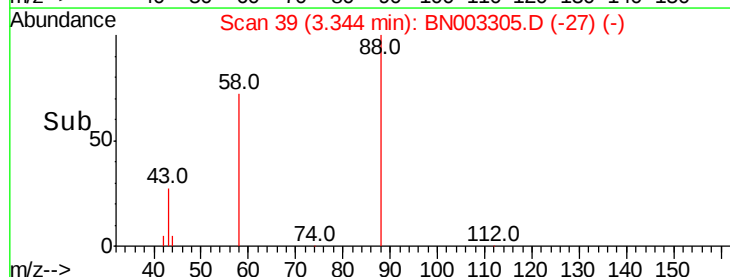
#2

1,4-Dioxane
 Concen: 0.370 ng
 RT: 3.34 min Scan# 39
 Delta R.T. -0.00 min
 Lab File: BN003305.D
 Acq: 26 Oct 2018 15:21

Tgt Ion: 88 Resp: 6002
 Ion Ratio Lower Upper
 88 100
 58 75.8 60.9 91.3
 43 31.0 23.9 35.9



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: 0.362 ng

RT: 3.69 min Scan# 82

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

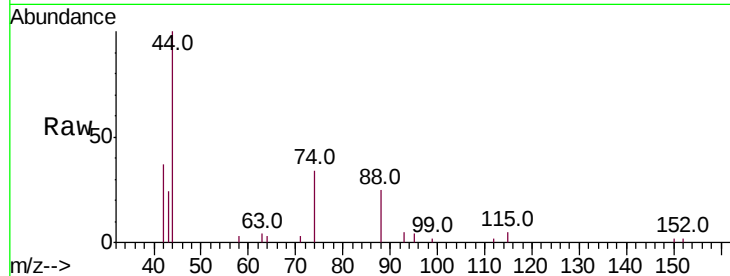
Tot Ion: 42 Resp: 2703

Ion Ratio Lower Upper

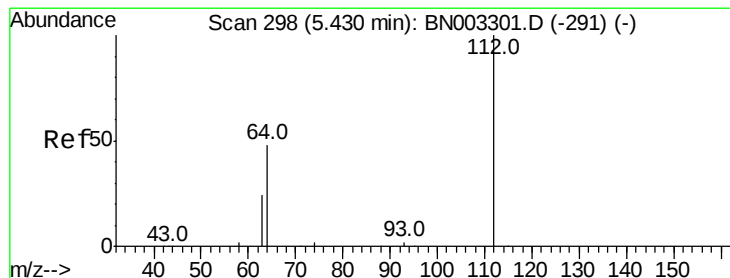
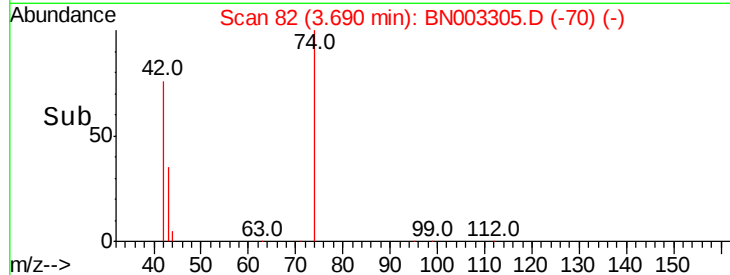
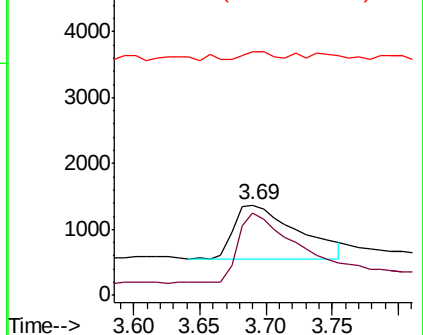
42 100

74 126.3 99.1 148.7

44 7.0 4.2 6.4#



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: 0.380 ng

RT: 5.43 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

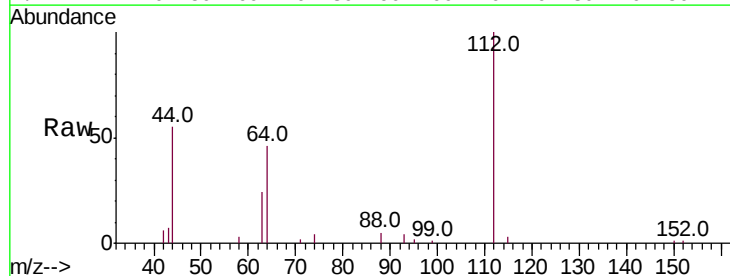
Tgt Ion: 112 Resp: 11774

Ion Ratio Lower Upper

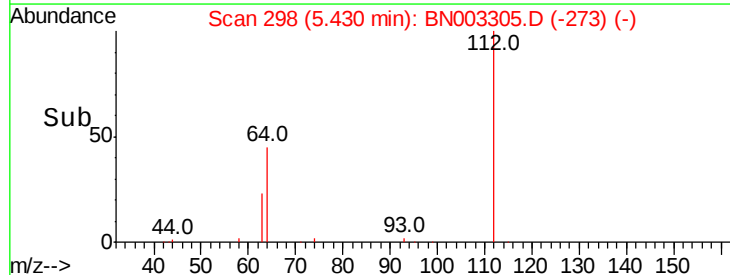
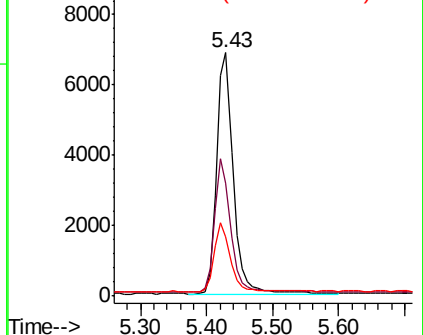
112 100

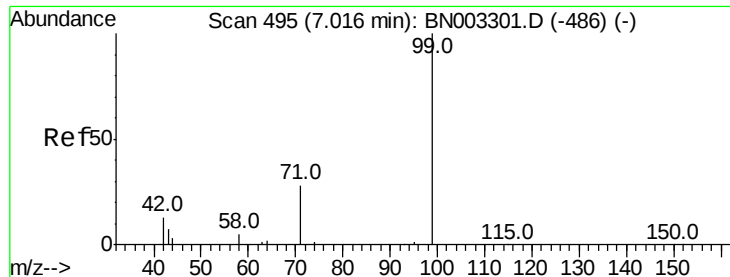
64 54.0 44.3 66.5

63 27.2 22.4 33.6



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: 0.375 ng

RT: 7.02 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

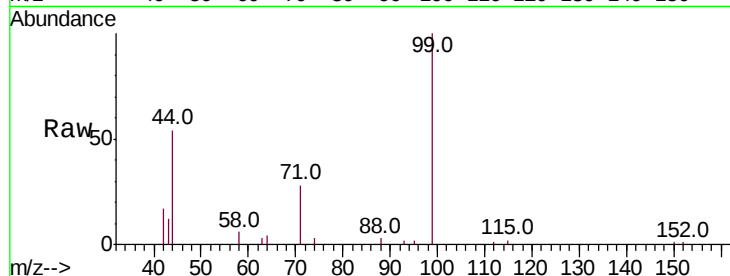
Tot Ion: 99 Resp: 14696

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

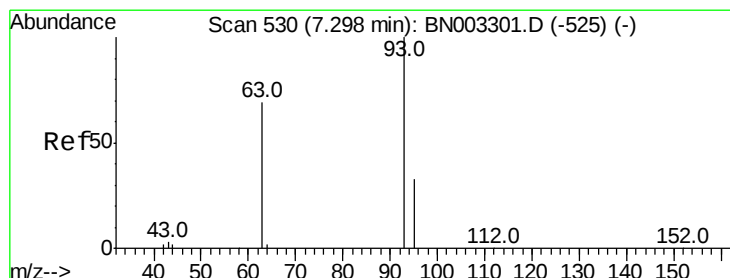
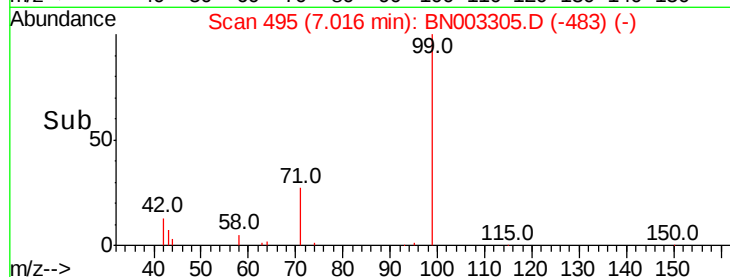
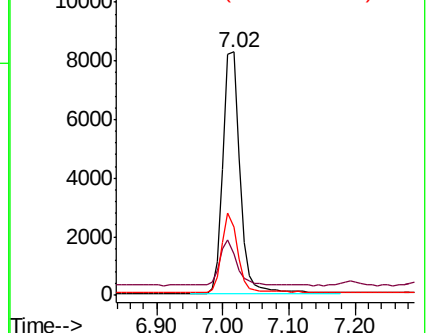
71 30.9 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003305.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN003305.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN003305.D (-486) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.399 ng

RT: 7.30 min Scan# 530

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

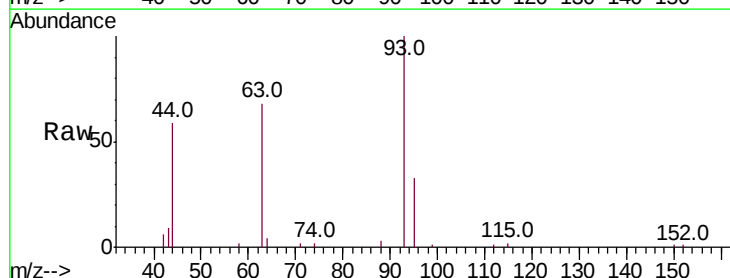
Tgt Ion: 93 Resp: 13949

Ion Ratio Lower Upper

93 100

63 69.5 55.8 83.6

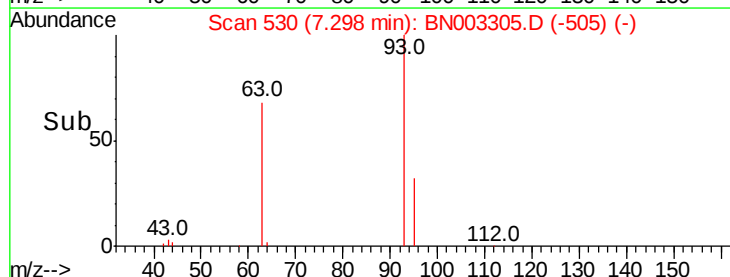
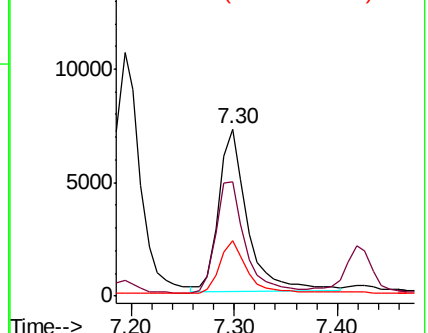
95 32.8 25.4 38.2

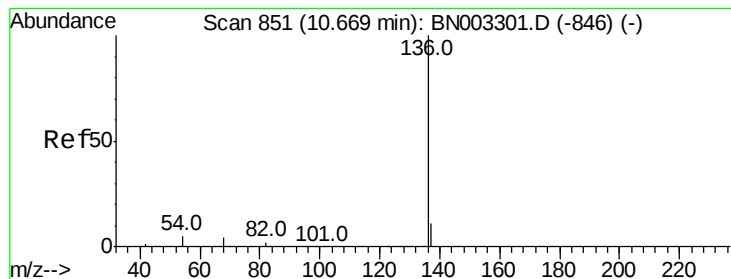


Abundance Ion 93.00 (92.70 to 93.70): BN003305.D (-525) (-)

Ion 63.00 (62.70 to 63.70): BN003305.D (-525) (-)

Ion 95.00 (94.70 to 95.70): BN003305.D (-525) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

Tot Ion:136 Resp: 52810

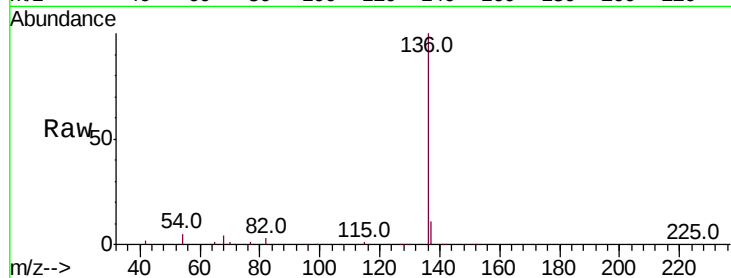
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 5.0 4.1 6.1

68 4.3 3.5 5.3

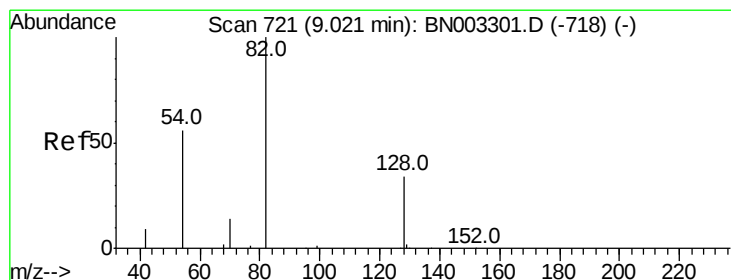
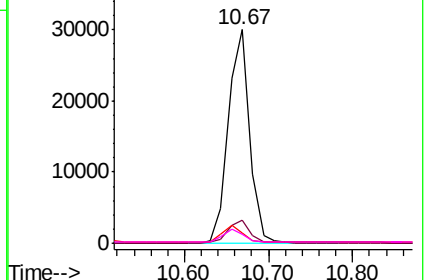
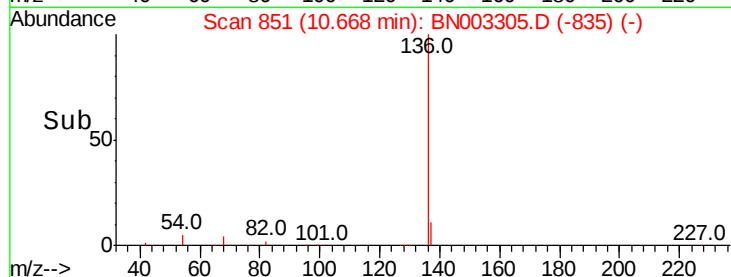


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.396 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

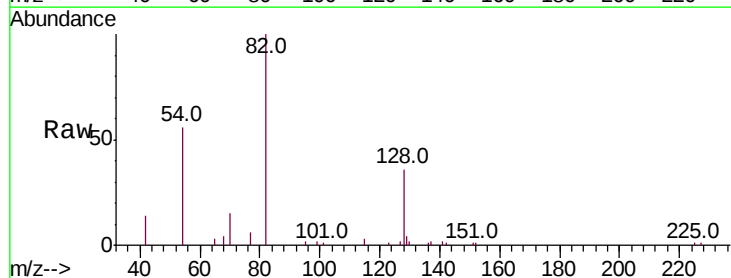
Tgt Ion: 82 Resp: 9151

Ion Ratio Lower Upper

82 100

128 36.3 28.9 43.3

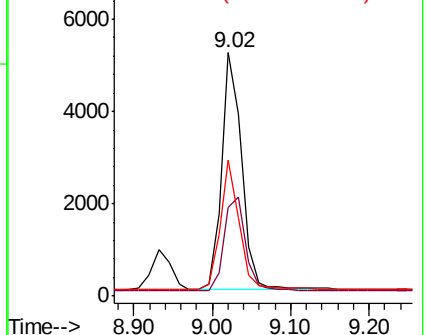
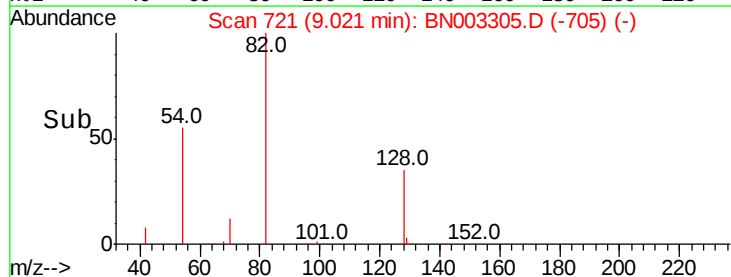
54 56.1 46.1 69.1

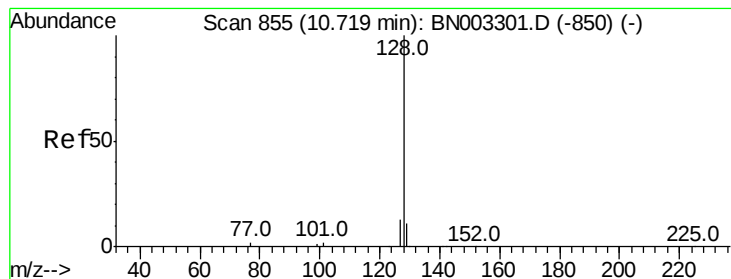


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.387 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN003305.D

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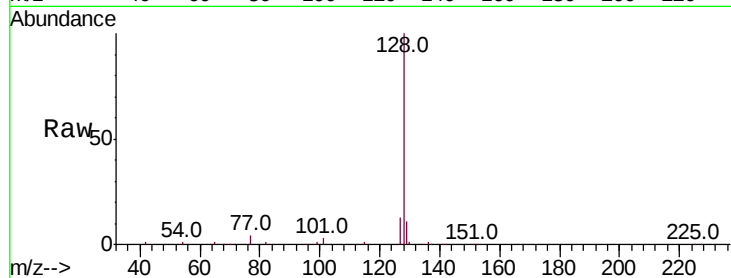
Tot Ion:128 Resp: 50015

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

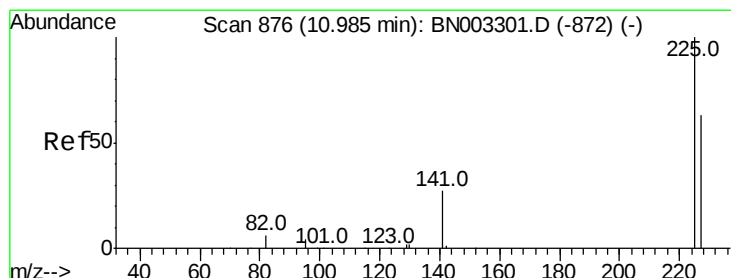
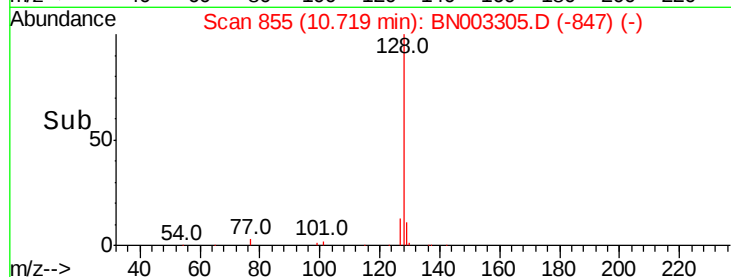
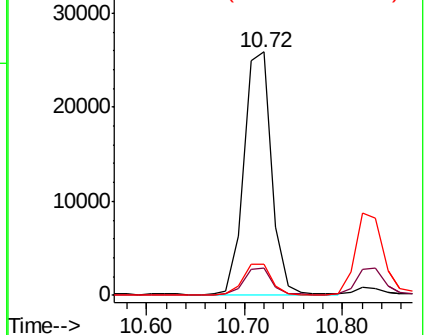
127 12.8 10.2 15.4



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: 0.392 ng

RT: 10.99 min Scan# 876

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

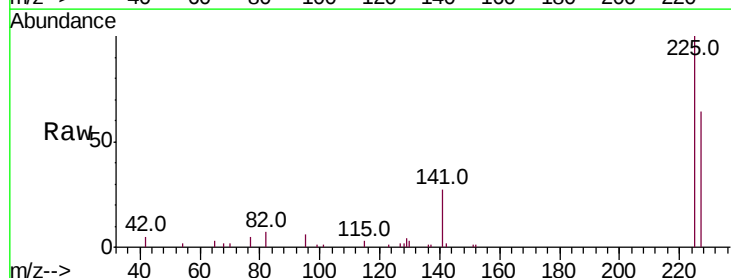
Tgt Ion:225 Resp: 9259

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

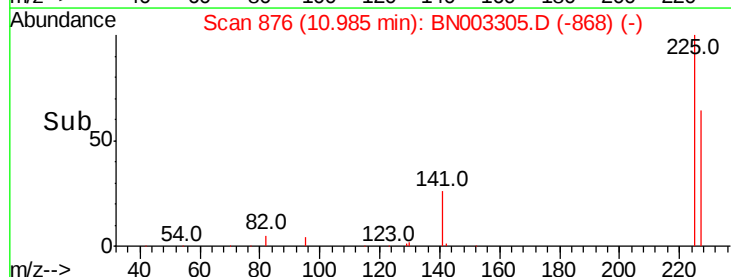
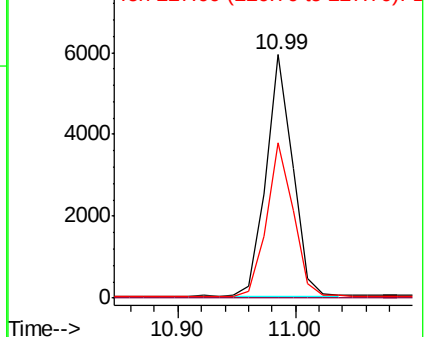
227 63.6 51.3 76.9

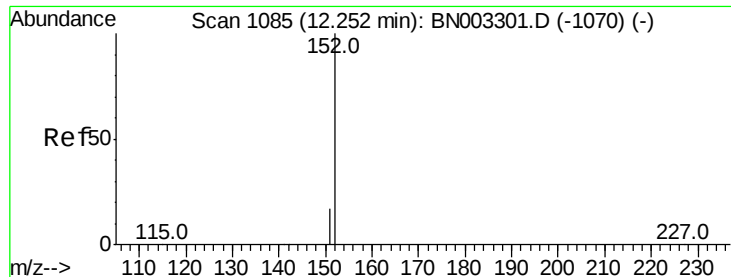


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.381 ng

RT: 12.25 min Scan# 1085

Delta R.T. -0.00 min

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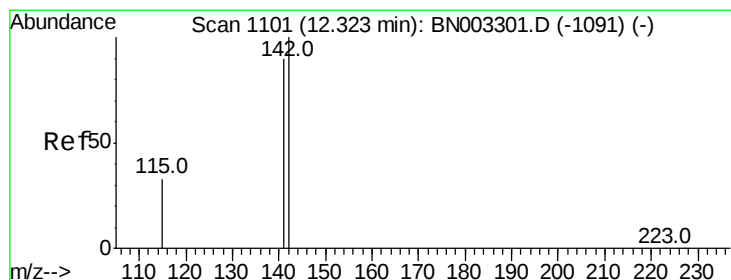
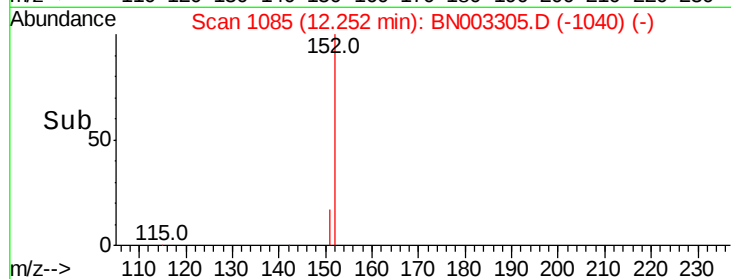
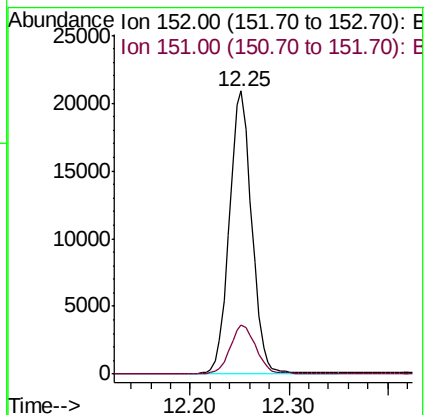
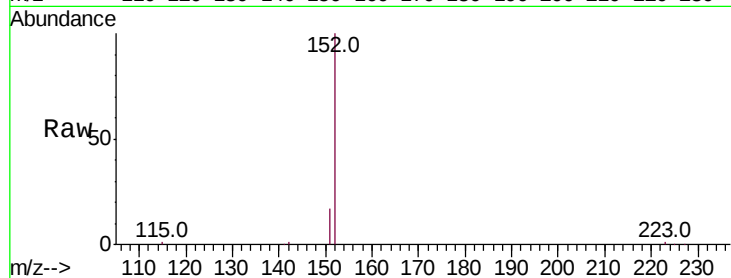
ICVBN102618

Tot Ion:152 Resp: 32763

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 12.32 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

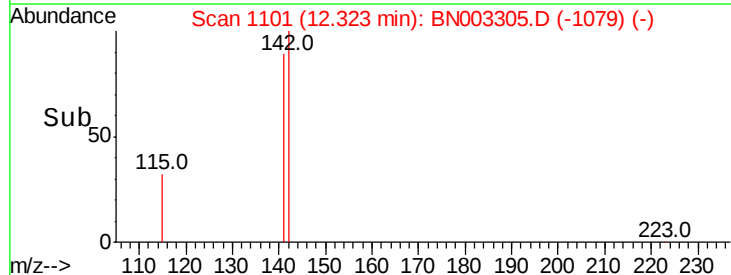
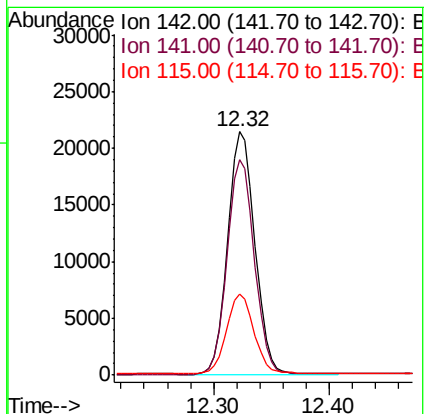
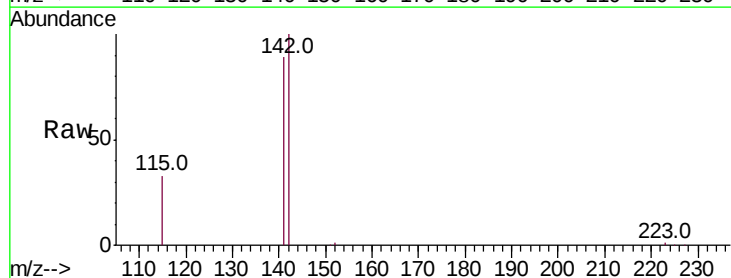
Tgt Ion:142 Resp: 34474

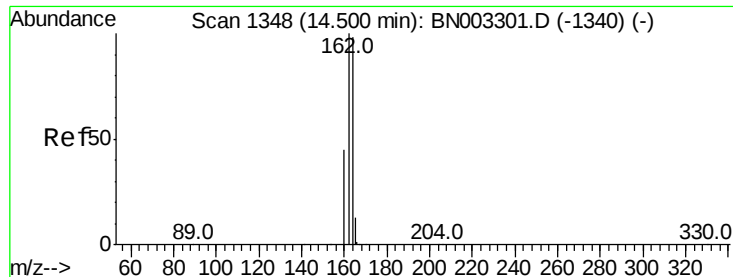
Ion Ratio Lower Upper

142 100

141 88.7 71.9 107.9

115 33.0 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampled :

ICVBN102618

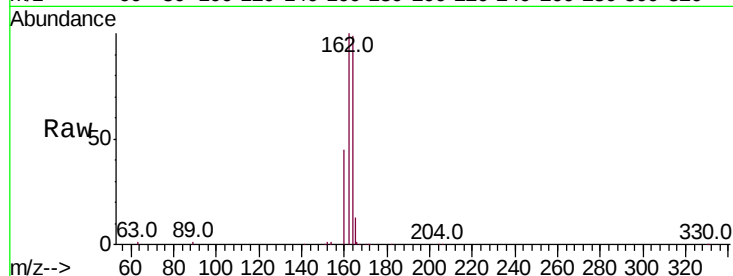
Tot Ion:164 Resp: 30442

Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.6

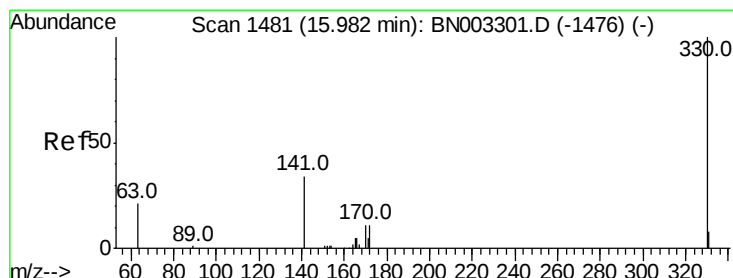
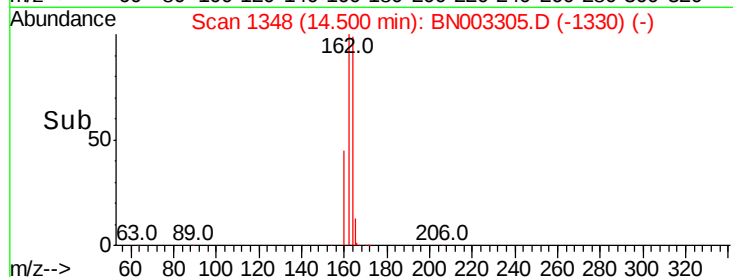
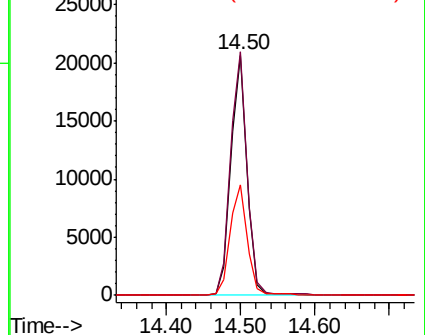
160 46.0 37.2 55.8



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: 0.334 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

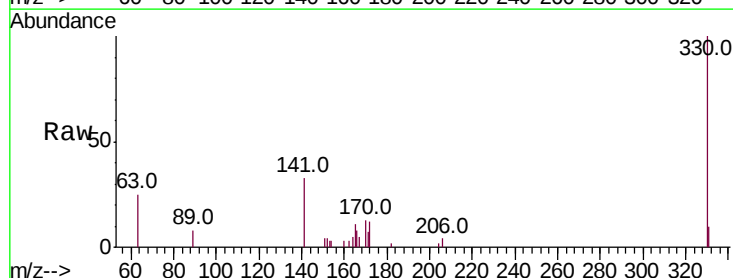
Tgt Ion:330 Resp: 4044

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

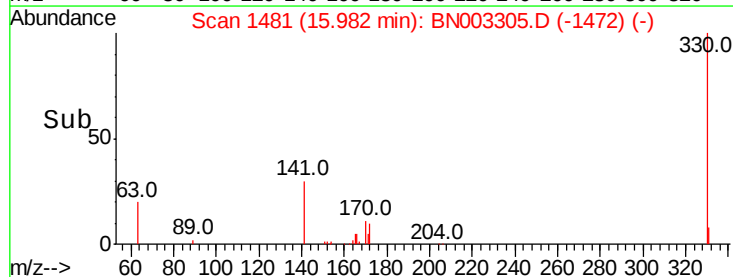
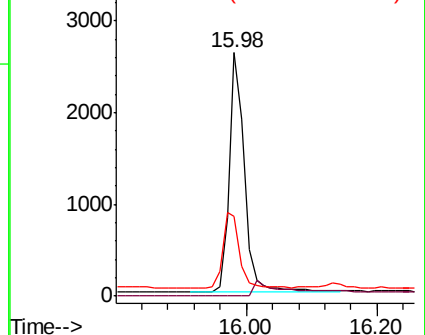
141 35.1 28.3 42.5

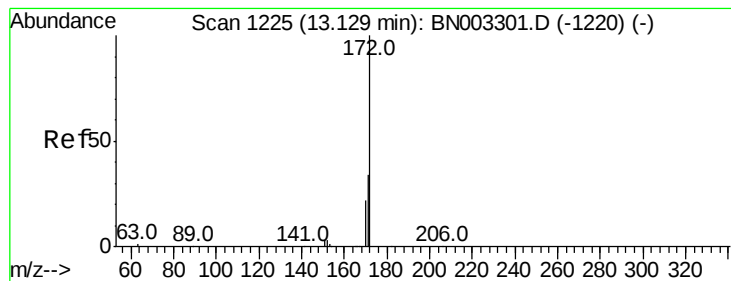


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.383 ng

RT: 13.13 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

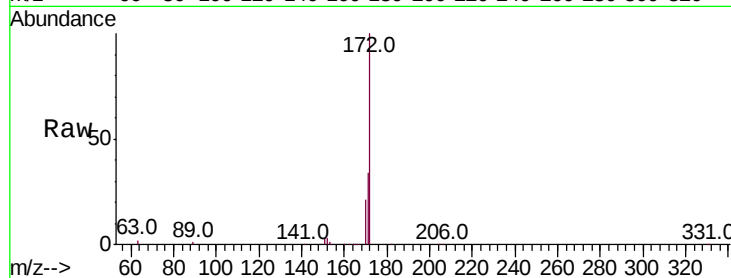
BNA_N

ClientSampleId :

ICVBN102618

Tot Ion:172 Resp: 50223

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.1	40.7
170	21.4	17.4	26.0

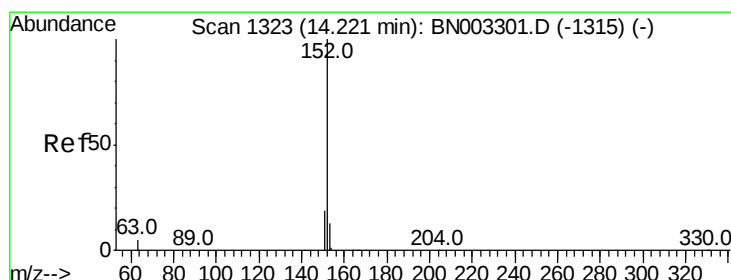
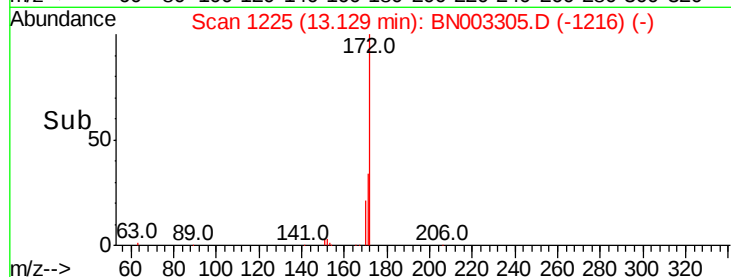
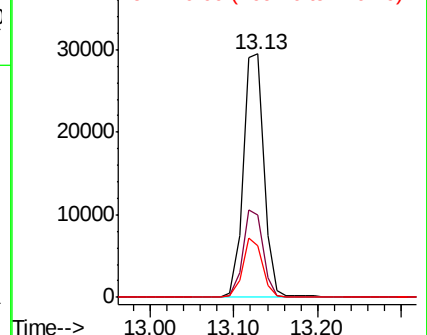


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.361 ng

RT: 14.22 min Scan# 1323

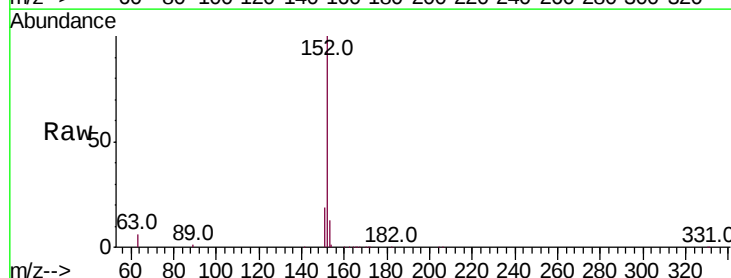
Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Tgt Ion:152 Resp: 49027

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8

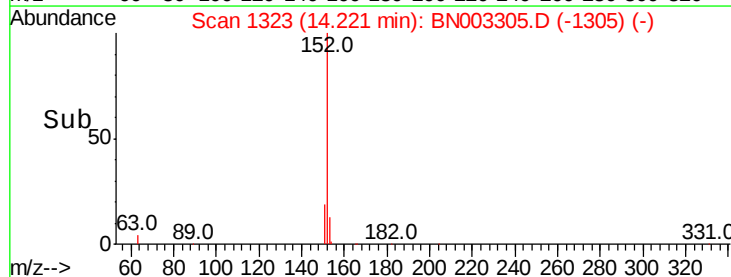
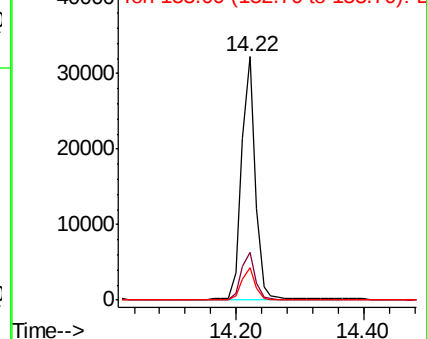


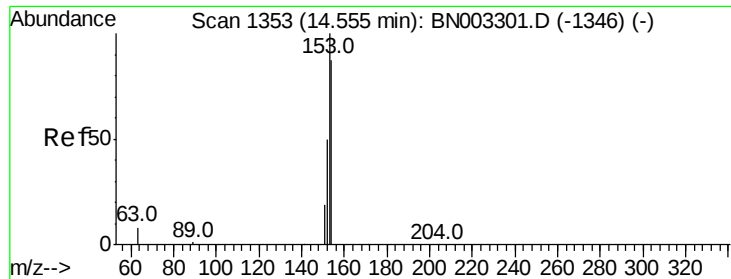
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.383 ng

RT: 14.56 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

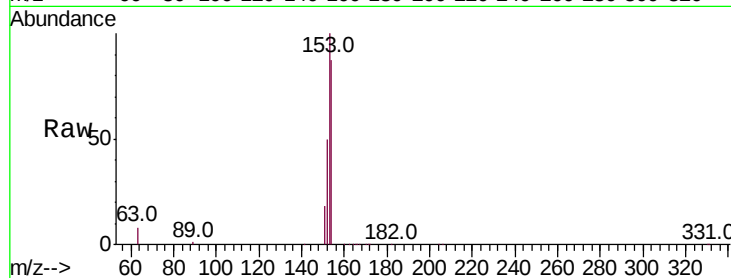
Tot Ion:154 Resp: 36052

Ion Ratio Lower Upper

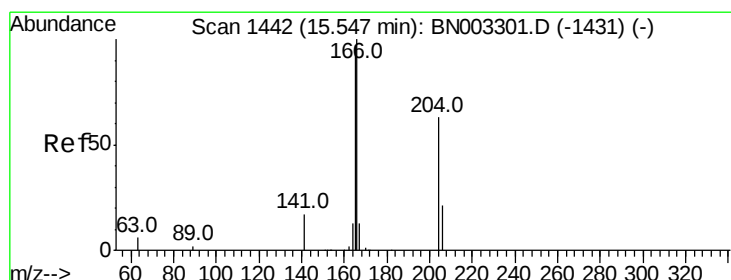
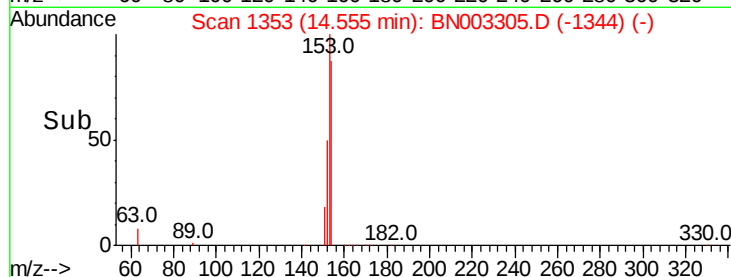
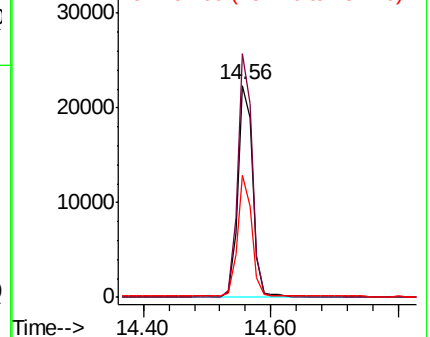
154 100

153 111.2 88.9 133.3

152 54.8 43.5 65.3



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: 0.384 ng

RT: 15.55 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

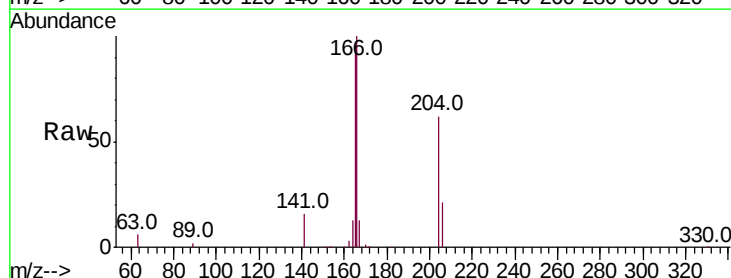
Tgt Ion:166 Resp: 45214

Ion Ratio Lower Upper

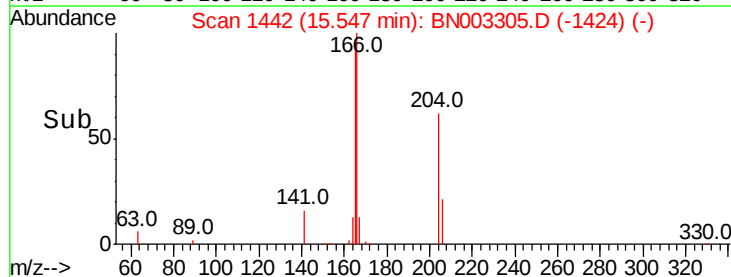
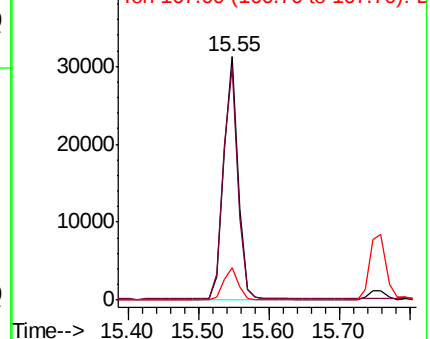
166 100

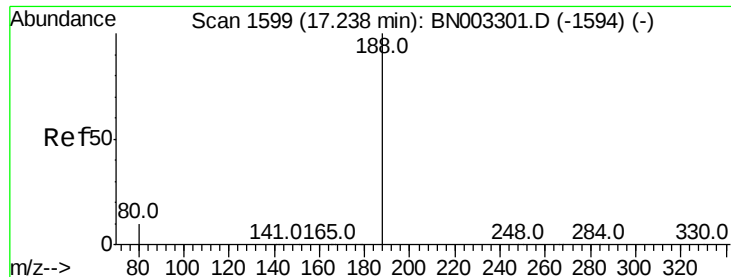
165 96.9 77.8 116.8

167 13.4 10.9 16.3



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: 17.24 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

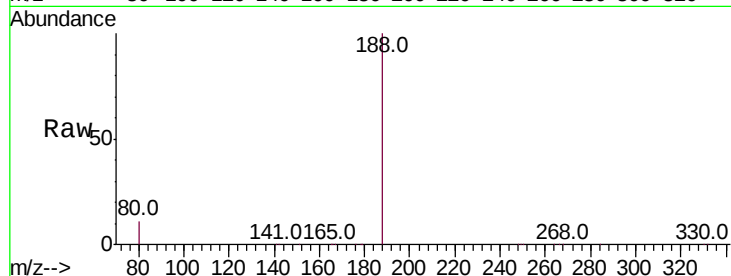
Tot Ion:188 Resp: 74169

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

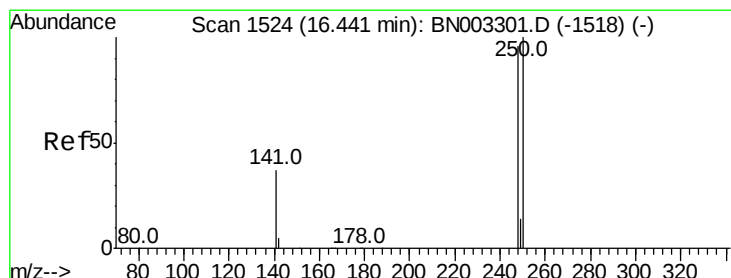
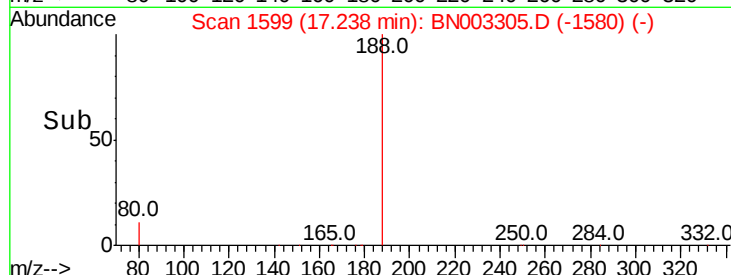
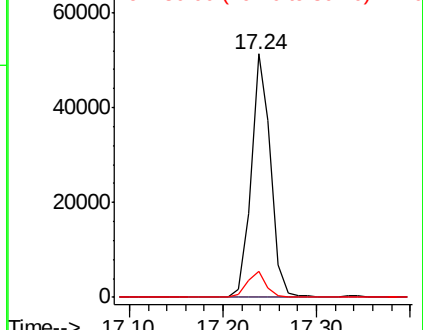
80 10.8 8.6 12.8



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: 0.380 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

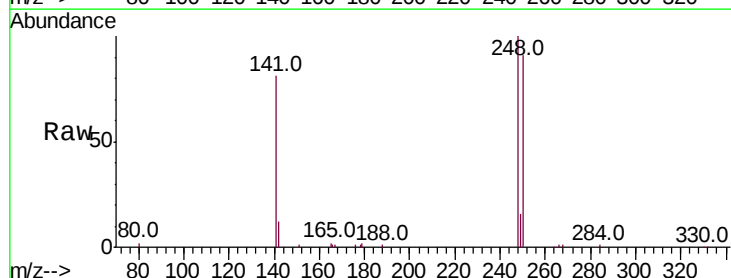
Tgt Ion:248 Resp: 16326

Ion Ratio Lower Upper

248 100

250 91.1 83.7 125.5

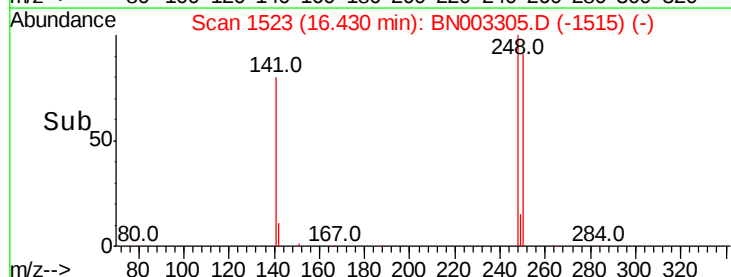
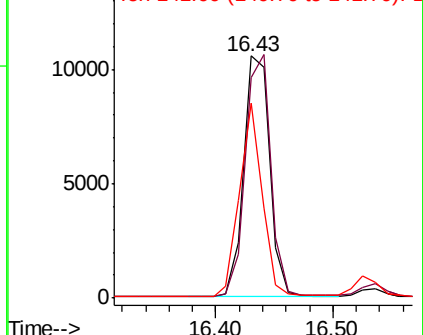
141 80.7 31.4 47.0#

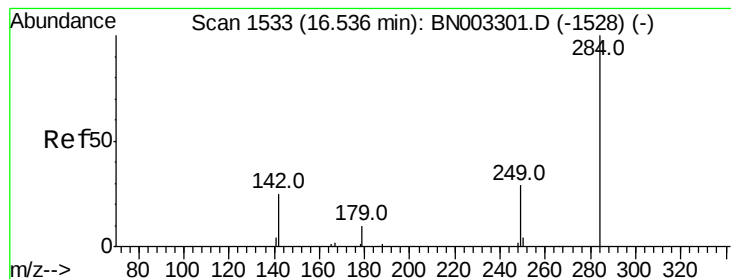


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.391 ng

RT: 16.54 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

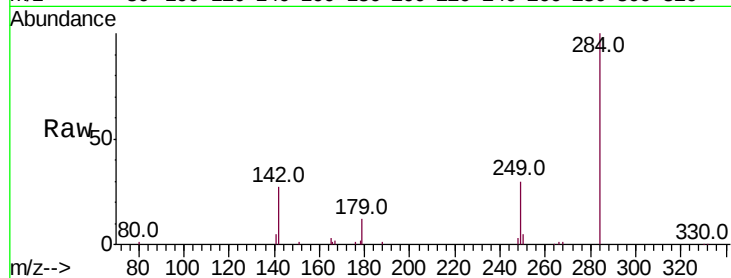
Tot Ion:284 Resp: 17696

Ion Ratio Lower Upper

284 100

142 37.0 29.7 44.5

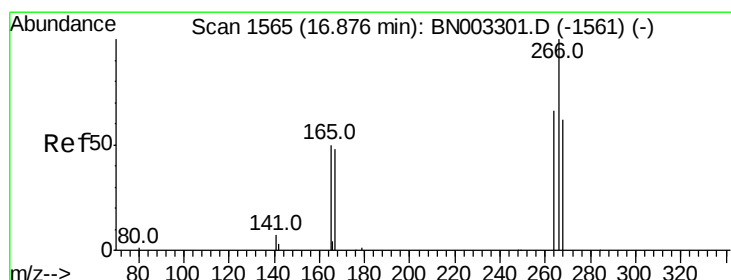
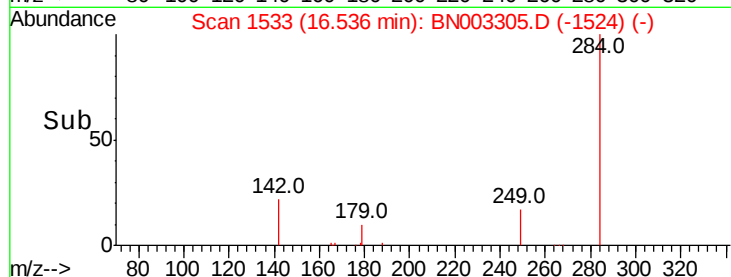
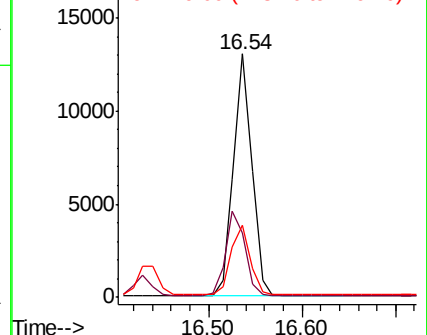
249 30.1 24.0 36.0



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: 0.373 ng

RT: 16.88 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

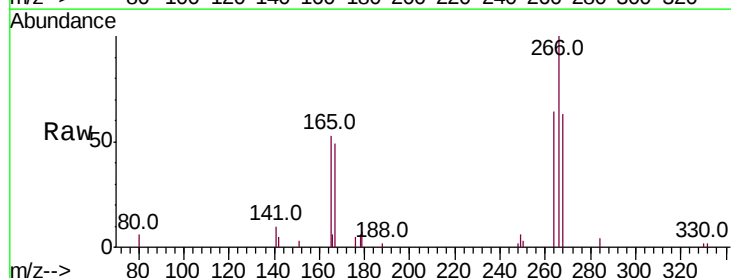
Tgt Ion:266 Resp: 4573

Ion Ratio Lower Upper

266 100

264 64.3 52.1 78.1

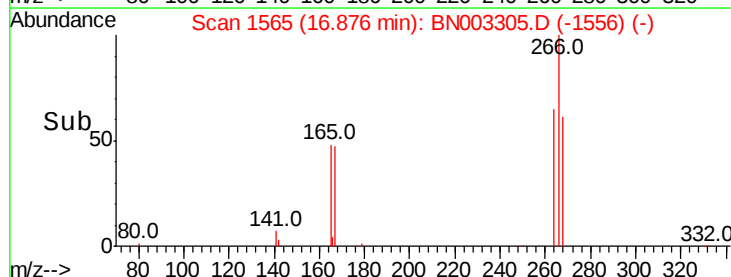
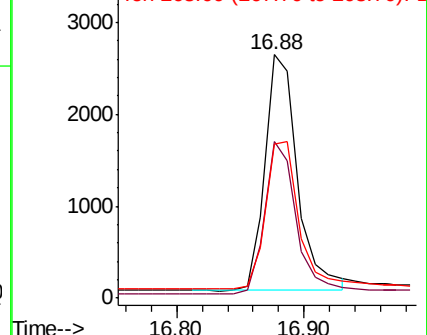
268 63.4 51.8 77.6

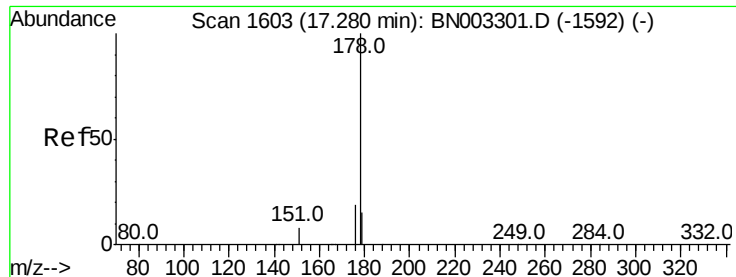


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.381 ng

RT: 17.28 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

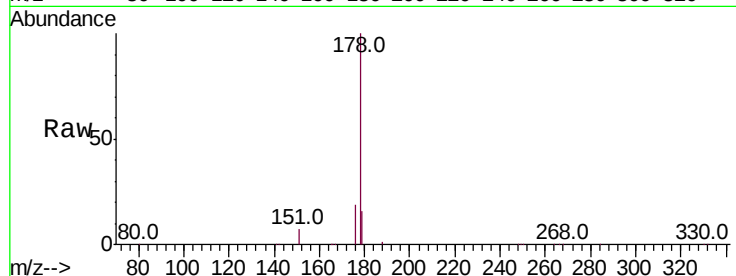
Tot Ion:178 Resp: 77535

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

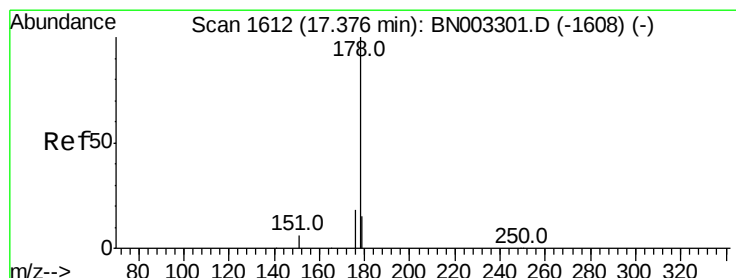
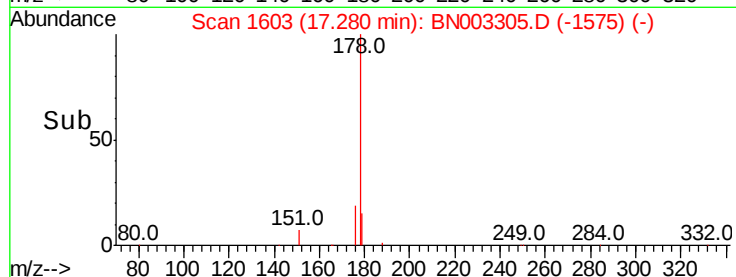
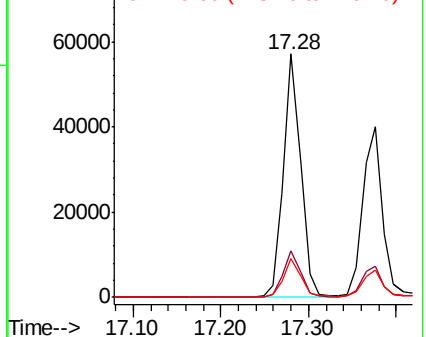
179 15.5 12.4 18.6



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: 0.359 ng

RT: 17.38 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

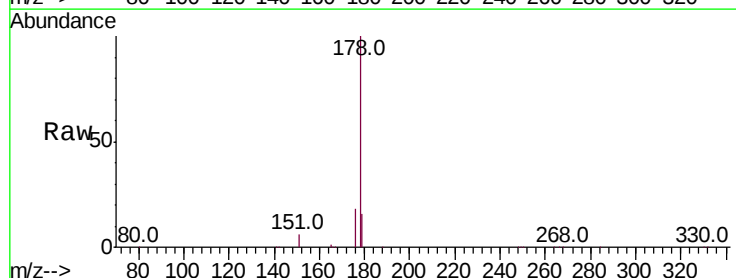
Tgt Ion:178 Resp: 62587

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

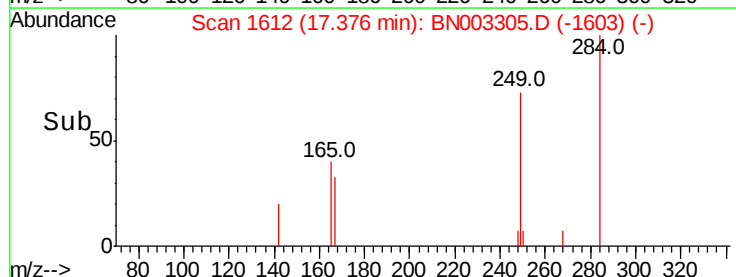
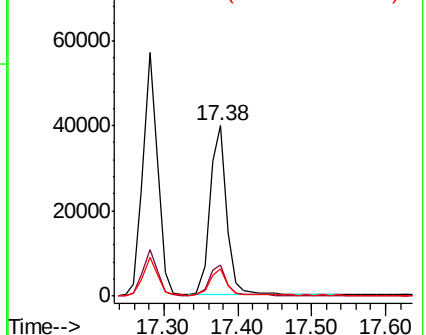
179 15.3 12.2 18.4

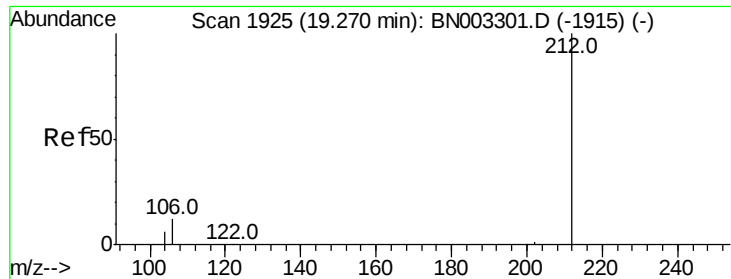


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.27 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

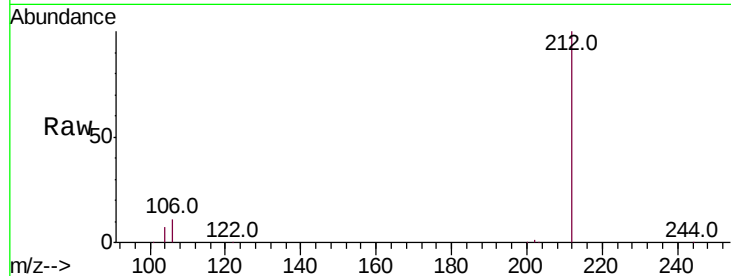
Tot Ion:212 Resp: 80313

Ion Ratio Lower Upper

212 100

106 12.8 10.3 15.5

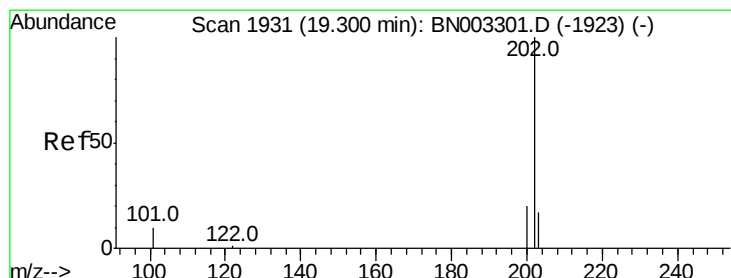
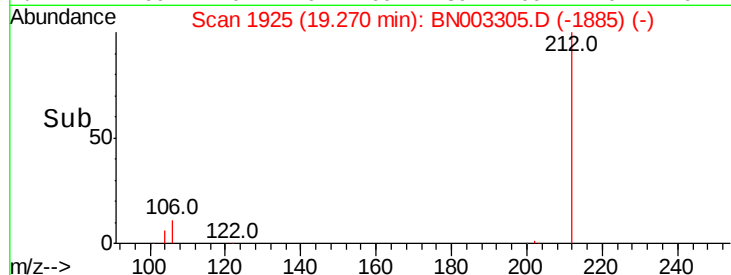
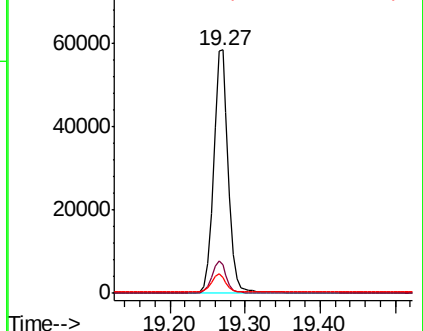
104 7.1 5.6 8.4



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: 0.374 ng

RT: 19.29 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

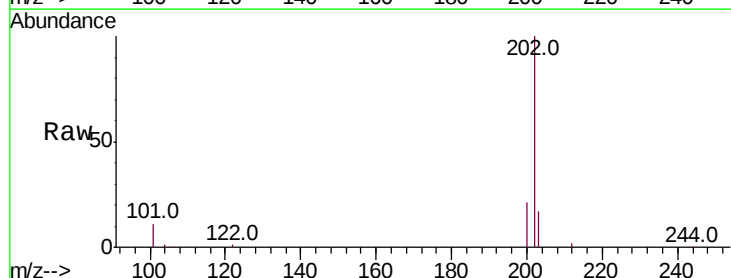
Tgt Ion:202 Resp: 87295

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

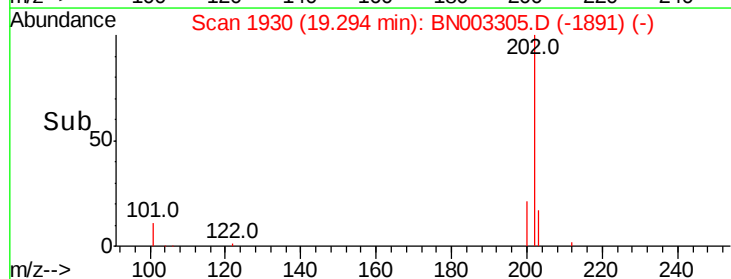
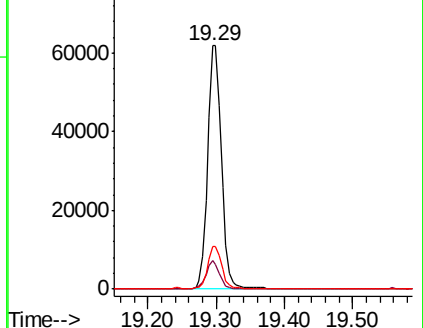
203 17.2 13.8 20.6

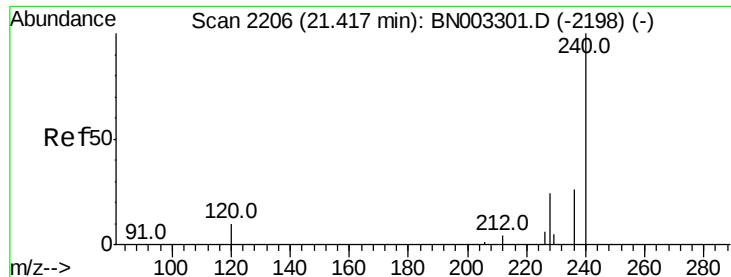


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.42 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

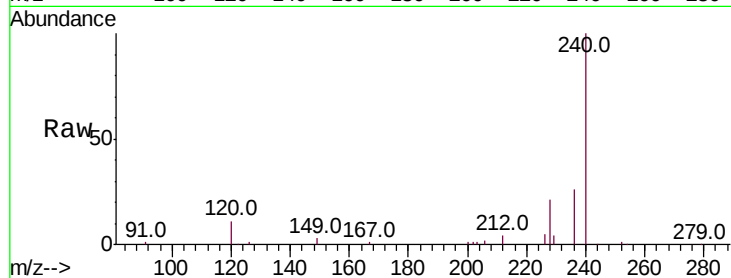
Tot Ion:240 Resp: 87594

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

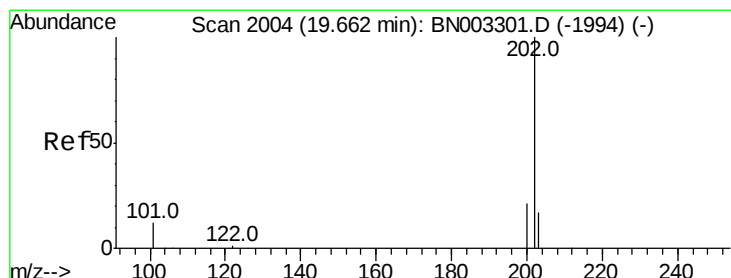
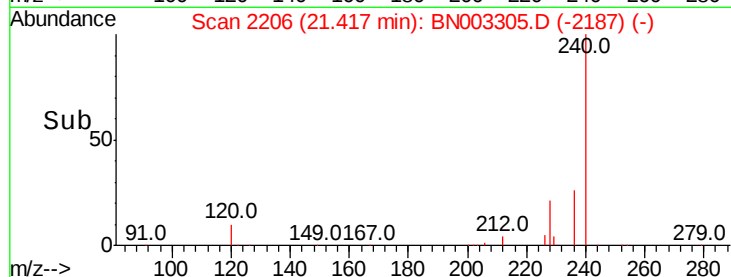
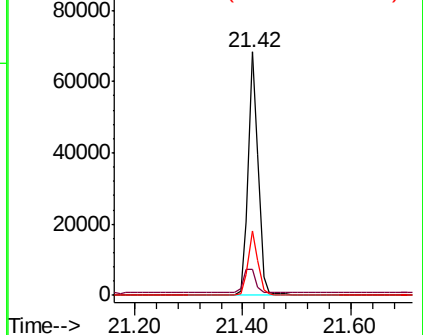
236 26.2 21.0 31.4



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: 0.366 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

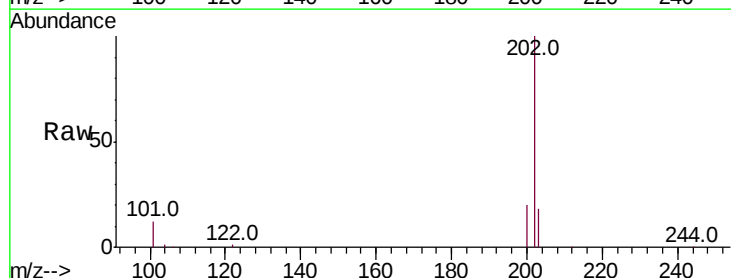
Tgt Ion:202 Resp: 88655

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

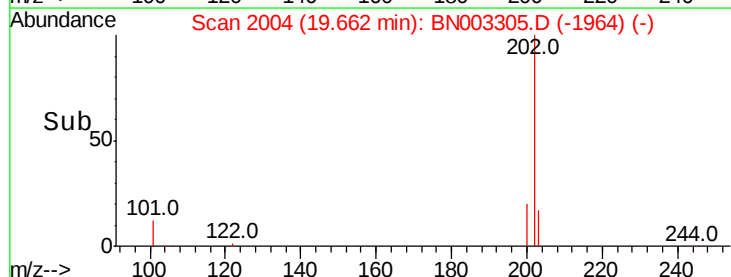
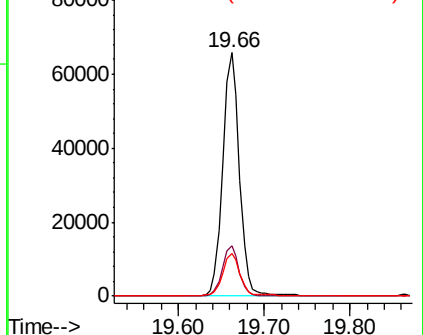
203 17.6 13.9 20.9

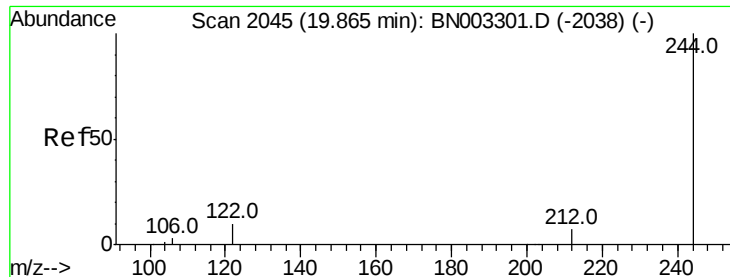


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.363 ng

RT: 19.87 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

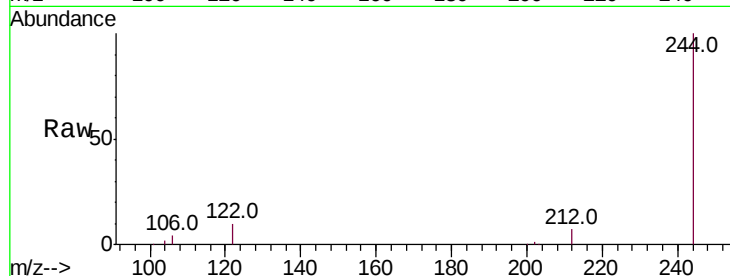
Tot Ion:244 Resp: 74042

Ion Ratio Lower Upper

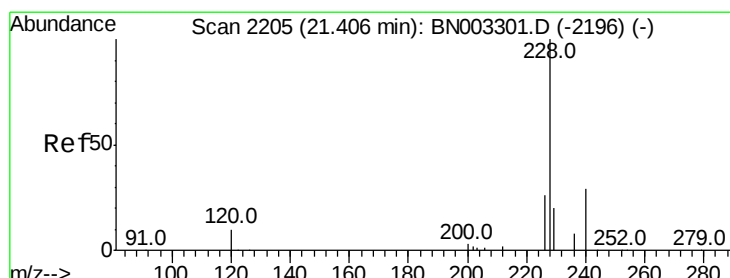
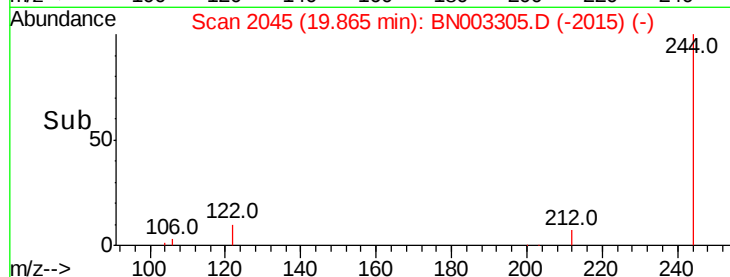
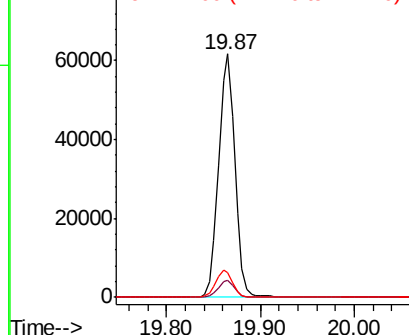
244 100

212 6.9 5.6 8.4

122 10.2 8.5 12.7



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: 0.343 ng

RT: 21.41 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

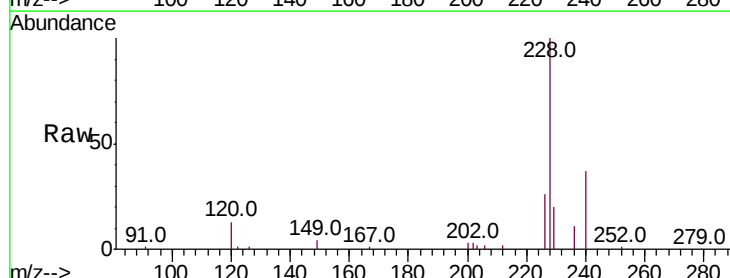
Tgt Ion:228 Resp: 78671

Ion Ratio Lower Upper

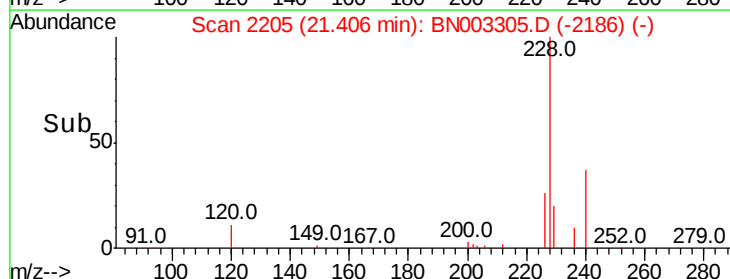
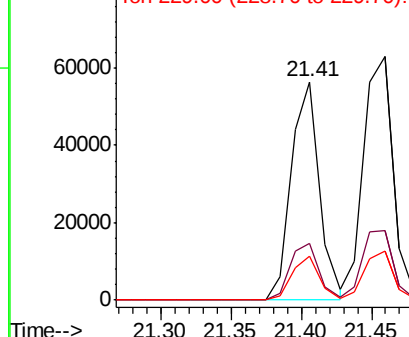
228 100

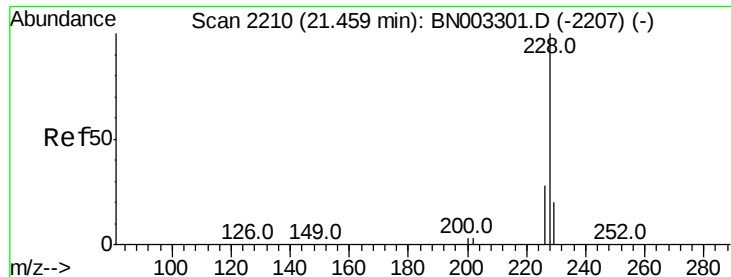
226 25.8 20.8 31.2

229 20.1 16.1 24.1



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: 0.373 ng

RT: 21.46 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

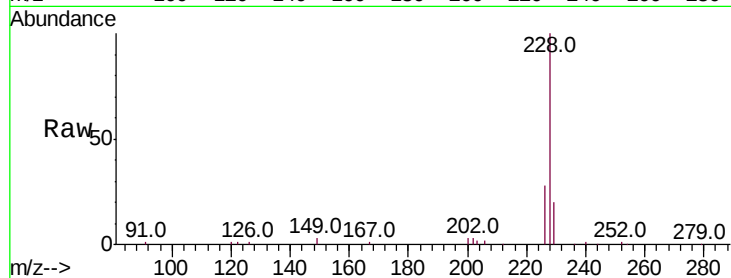
BNA_N

ClientSampleId :

ICVBN102618

Tot Ion:228 Resp: 92330

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.0	16.0	24.0

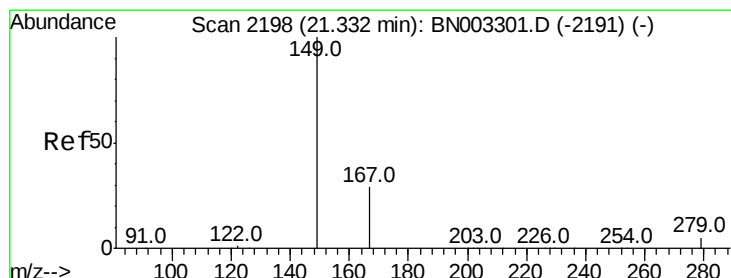
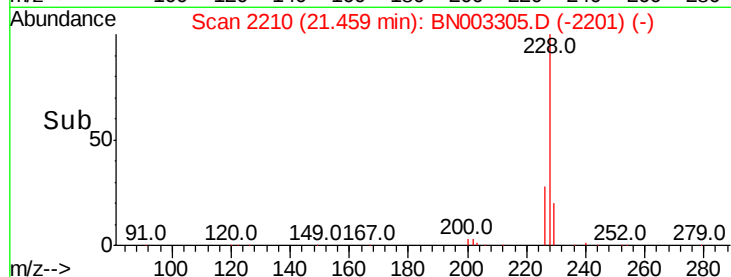
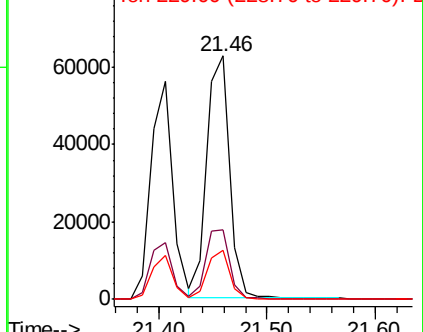


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.322 ng

RT: 21.33 min Scan# 2198

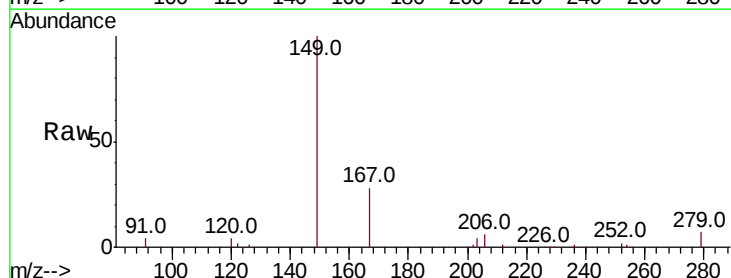
Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Tgt Ion:149 Resp: 21883

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.1	3.9	5.9

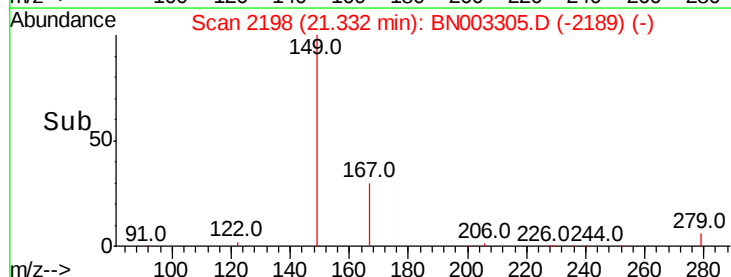
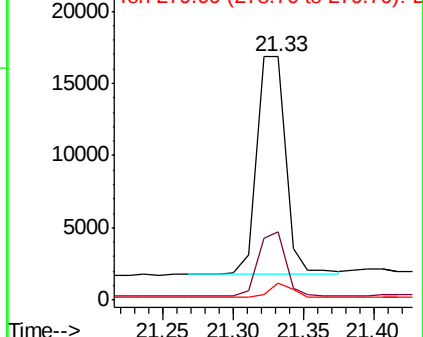


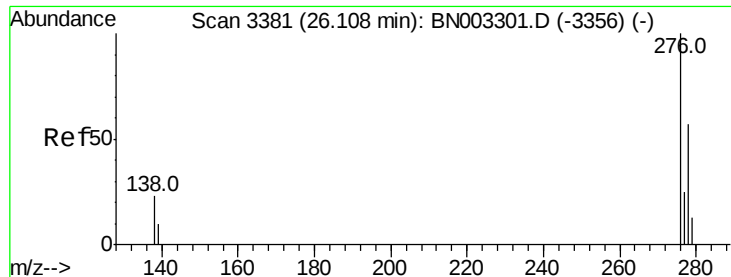
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.393 ng

RT: 26.11 min Scan# 3381

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

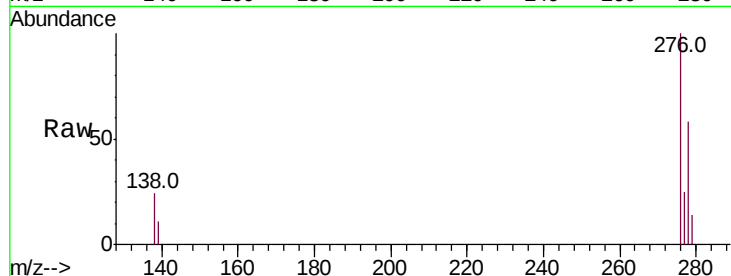
Tot Ion:276 Resp: 100787

Ion Ratio Lower Upper

276 100

138 25.6 20.6 30.8

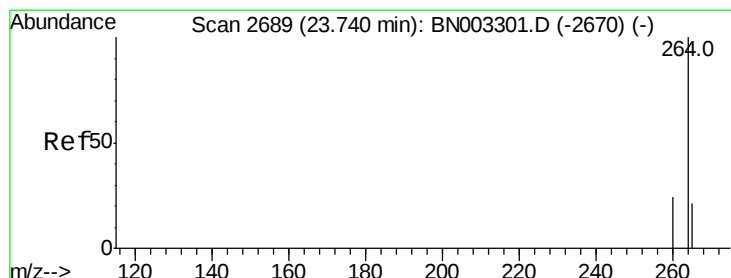
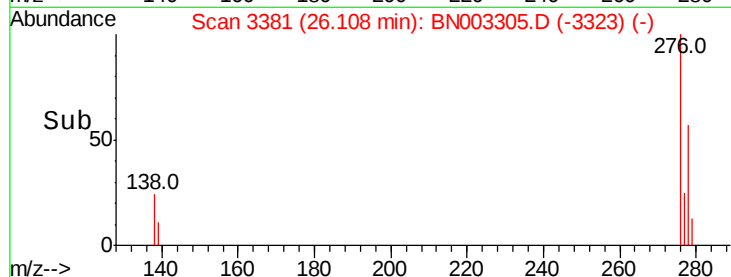
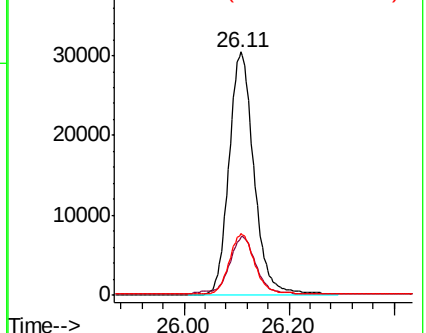
277 25.1 20.0 30.0



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: 23.74 min Scan# 2689

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

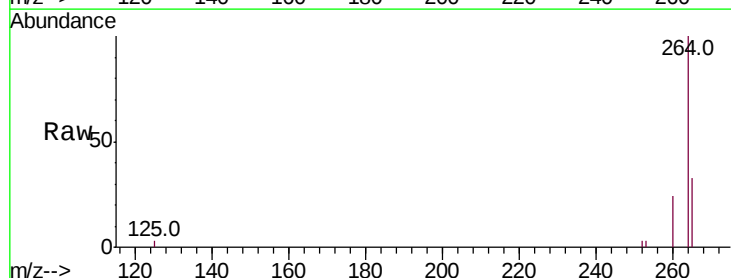
Tgt Ion:264 Resp: 82236

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

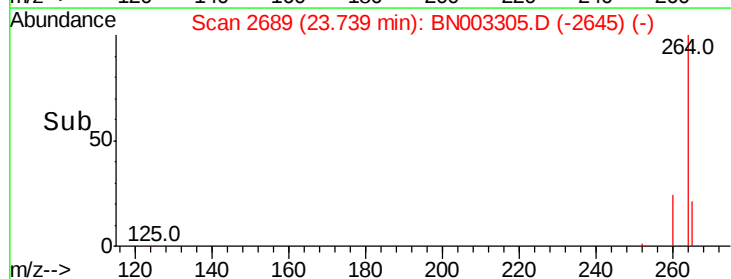
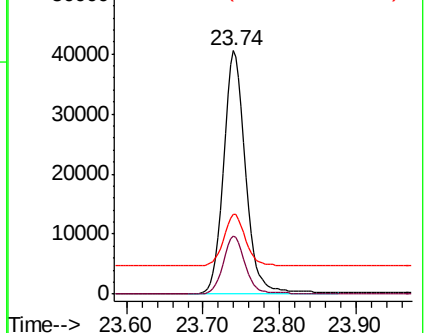
265 32.7 26.4 39.6

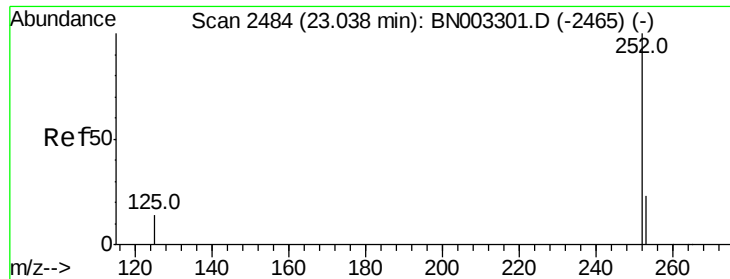


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.381 ng

RT: 23.04 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

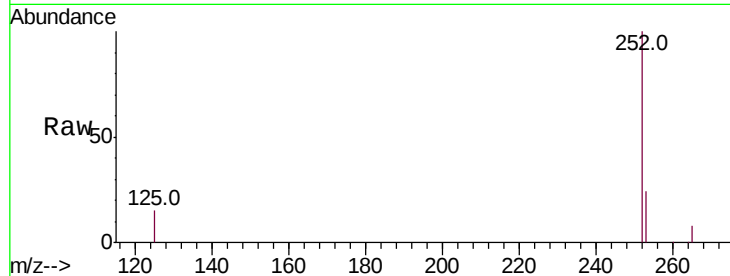
Tot Ion:252 Resp: 97722

Ion Ratio Lower Upper

252 100

253 24.0 19.3 28.9

125 15.3 12.7 19.1

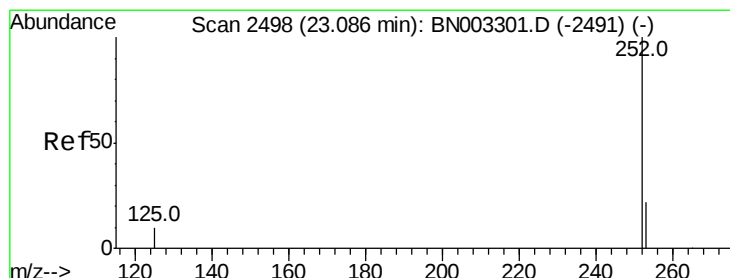
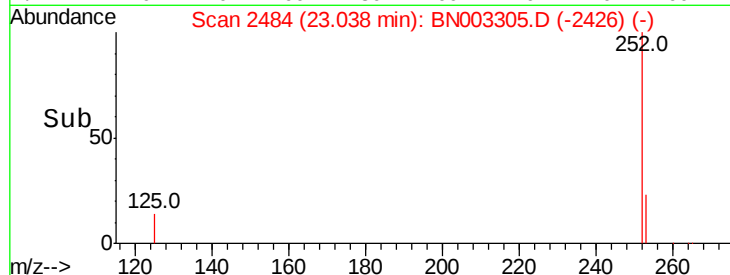
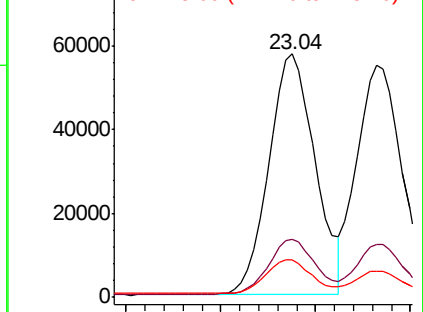


Abundance

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: 0.371 ng

RT: 23.08 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

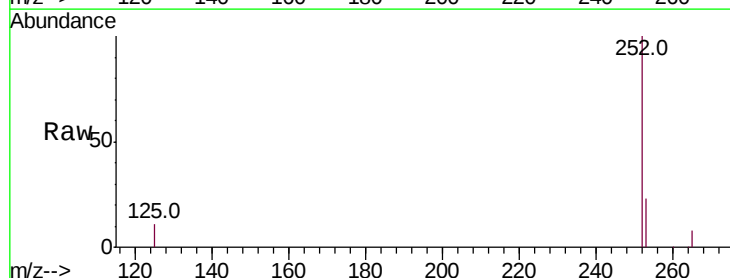
Tgt Ion:252 Resp: 94373

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

125 11.4 9.1 13.7

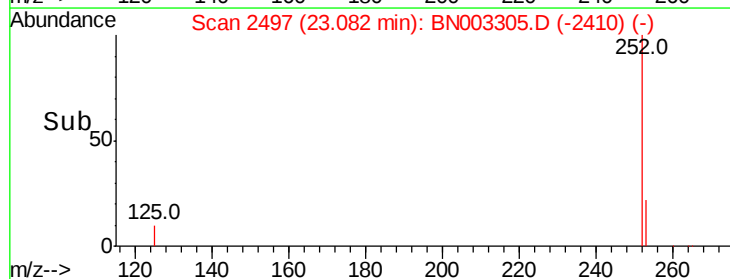
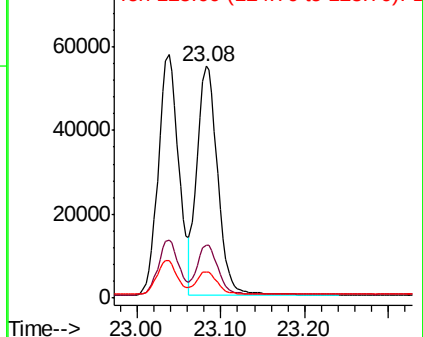


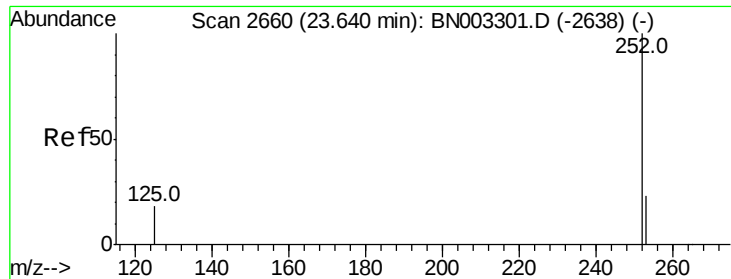
Abundance

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: 0.382 ng

RT: 23.64 min Scan# 2660

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

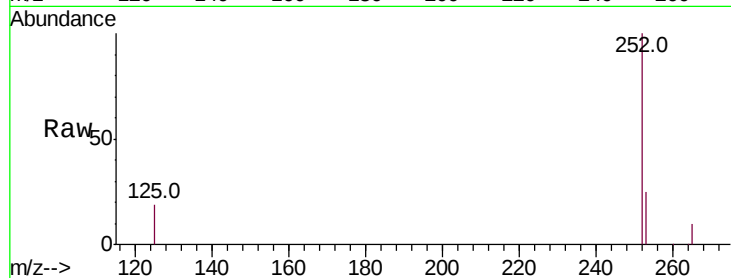
Tot Ion:252 Resp: 89130

Ion Ratio Lower Upper

252 100

253 24.6 20.1 30.1

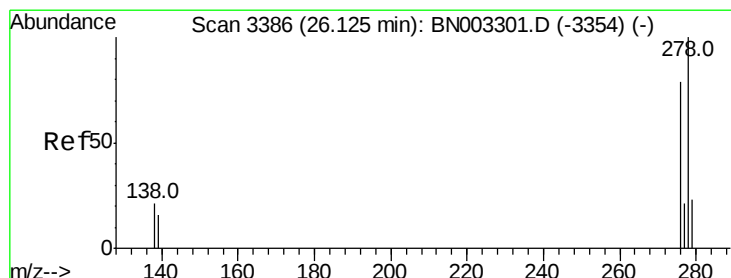
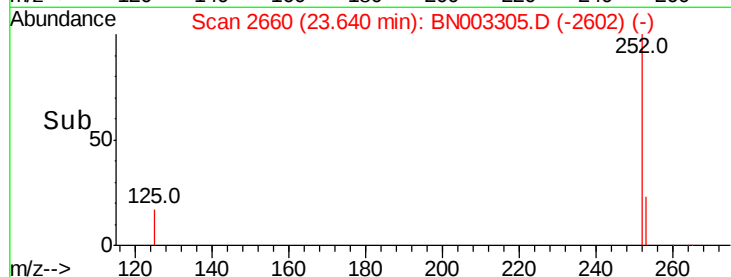
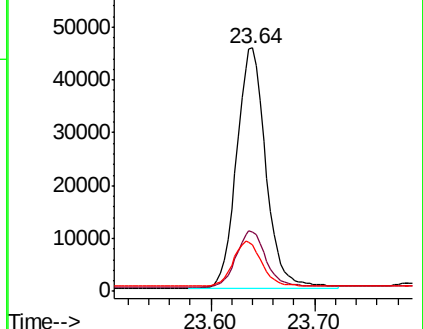
125 18.8 16.0 24.0



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: 0.376 ng

RT: 26.13 min Scan# 3386

Delta R.T. -0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

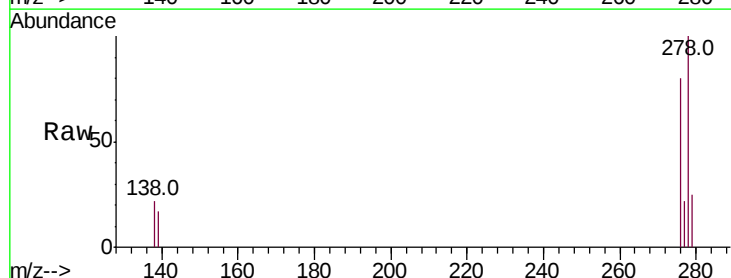
Tgt Ion:278 Resp: 81846

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

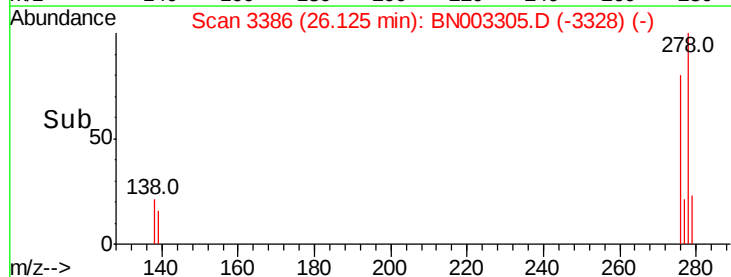
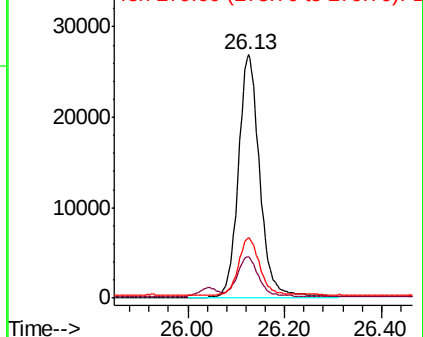
279 24.8 19.8 29.6

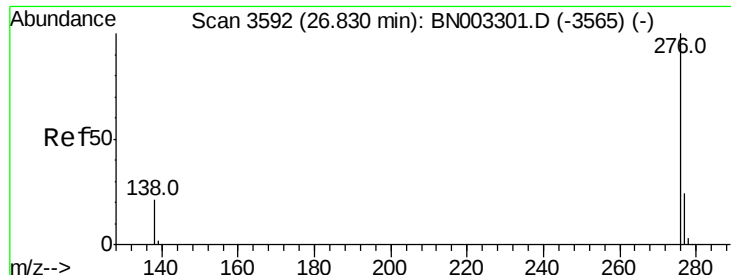


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.373 ng

RT: 26.83 min Scan# 3593

Delta R.T. 0.00 min

Lab File: BN003305.D

Acq: 26 Oct 2018 15:21

Instrument :

BNA_N

ClientSampleId :

ICVBN102618

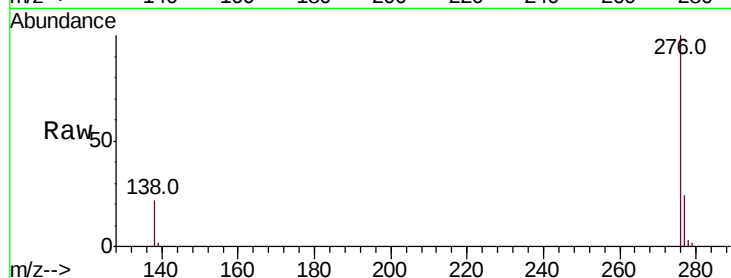
Tot Ion:276 Resp: 81160

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 21.6 17.4 26.2



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

