

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
 Data File : BN002204.D
 Acq On : 31 Jul 2018 10:59
 Operator : JU/SJ
 Sample : J4086-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 1550

Quant Time: Jul 31 16:02:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3340	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	13960	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	7748	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	16469	0.40	ng	0.00
27) Chrysene-d12	21.27	240	11934	0.40	ng	0.00
34) Perylene-d12	23.49	264	10754	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2253	0.29	ng	0.00
5) Phenol-d6	6.87	99	3073	0.32	ng	0.00
8) Nitrobenzene-d5	8.83	82	3167	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.06	152	5732	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1170	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	9245	0.31	ng	0.00
25) Fluoranthene-d10	19.10	212	12343	0.30	ng	0.00
29) Terphenyl-d14	19.71	244	8025	0.31	ng	0.00

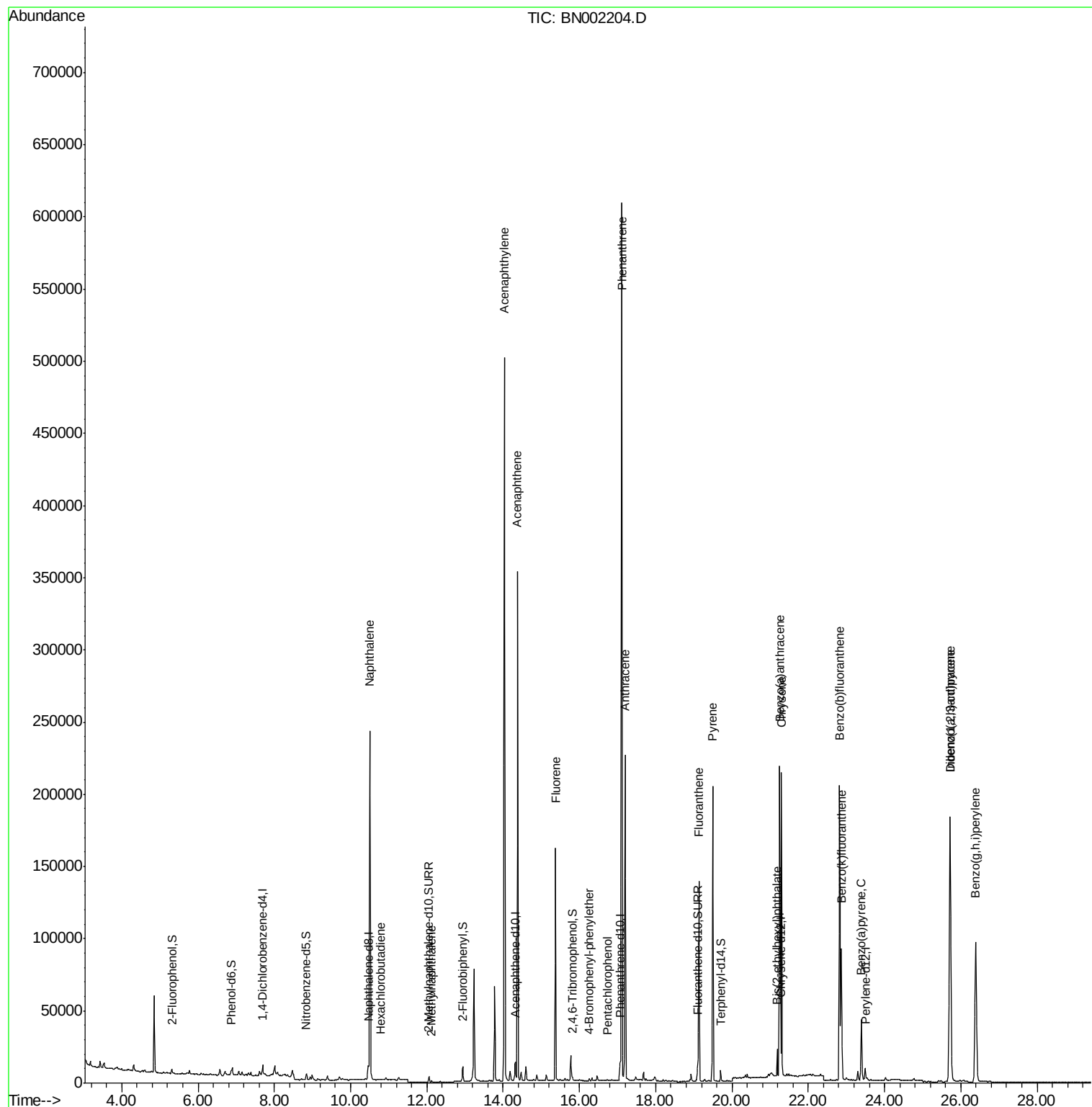
Target Compounds				Qvalue		
9) Naphthalene	10.50	128	330915	10.516	ng	97
10) Hexachlorobutadiene	10.80	225	310	0.046	ng	# 55
12) 2-Methylnaphthalene	12.13	142	843	0.040	ng	# 91
16) Acenaphthylene	14.03	152	538928	16.281	ng	100
17) Acenaphthene	14.38	154	173108	8.130	ng	99
18) Fluorene	15.37	166	98019	3.743	ng	# 81
20) 4-Bromophenyl-phenylether	16.26	248	665	0.071	ng	# 75
22) Pentachlorophenol	16.73	266	273	0.199	ng	90
23) Phenanthrene	17.11	178	673766	16.444	ng	99
24) Anthracene	17.20	178	225917	6.666	ng	96
26) Fluoranthene	19.13	202	125321	2.810	ng	# 97
28) Pyrene	19.49	202	185177	5.246	ng	99
30) Benzo(a)anthracene	21.25	228	174917	5.826	ng	96
31) Chrysene	21.30	228	163882	4.877	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	16240	1.183	ng	# 92
33) Indeno(1,2,3-cd)pyrene	25.71	276	166071	5.246	ng	96
35) Benzo(b)fluoranthene	22.82	252	261385	8.264	ng	# 87
36) Benzo(k)fluoranthene	22.87	252	114067	3.475	ng	97
37) Benzo(a)pyrene	23.39	252	58186	2.031	ng	95
38) Dibenzo(a,h)anthracene	25.72	278	200246	7.182	ng	# 94
39) Benzo(g,h,i)perylene	26.39	276	201805	7.084	ng	# 90

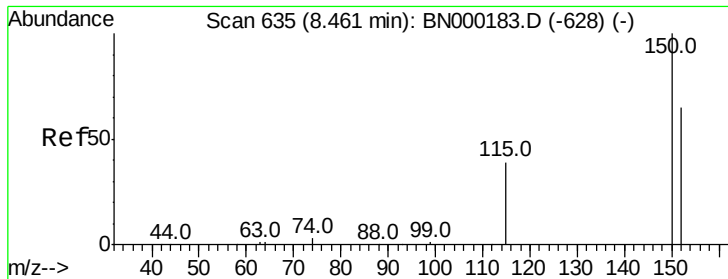
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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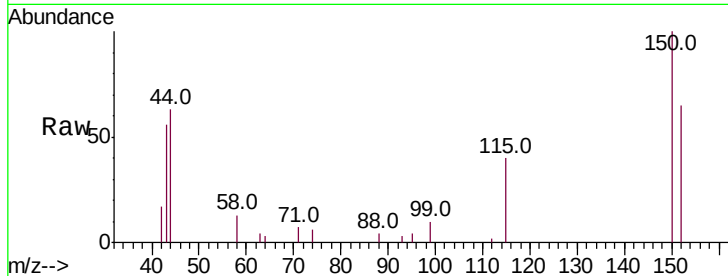


#1

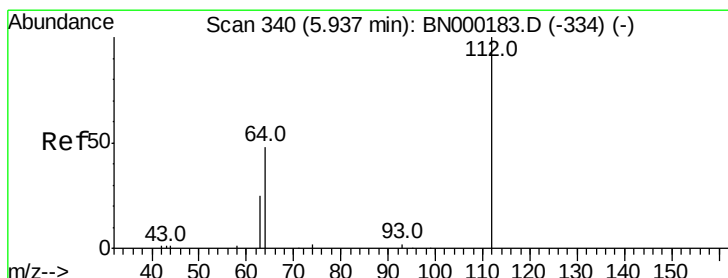
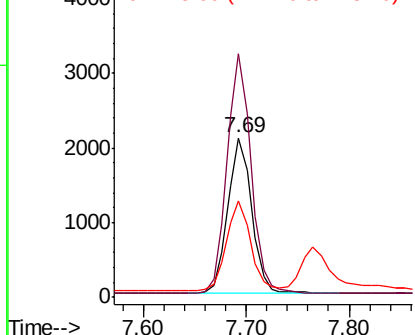
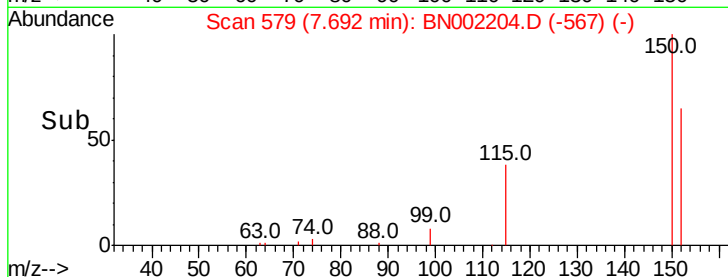
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.00 min
Lab File: BN002204.D
Acq: 31 Jul 2018 10:59

Instrument :
BNA_N
ClientSampleId :
1550

Tot Ion:152 Resp: 3340
Ion Ratio Lower Upper
152 100
150 152.8 117.2 175.8
115 60.7 57.0 85.6



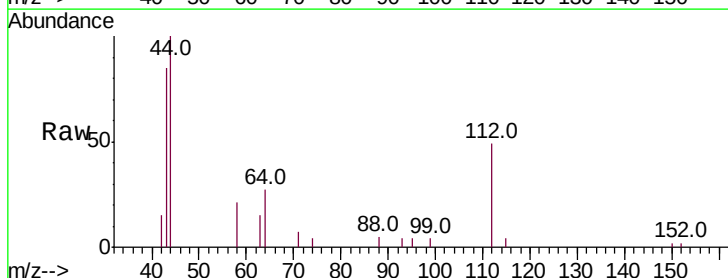
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



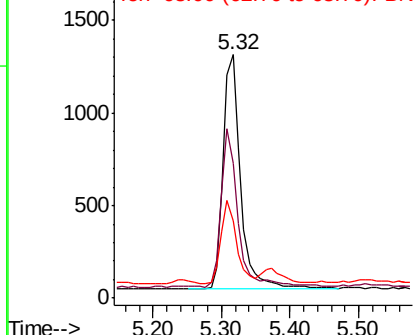
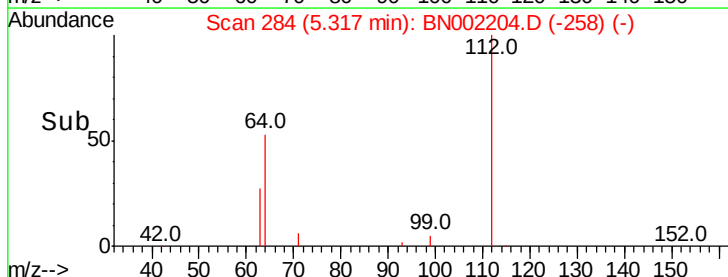
#4

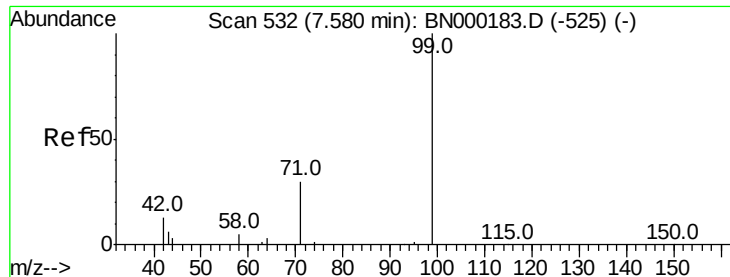
2-Fluorophenol
Concen: 0.289 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002204.D
Acq: 31 Jul 2018 10:59

Tgt Ion:112 Resp: 2253
Ion Ratio Lower Upper
112 100
64 63.5 60.1 90.1
63 32.2 116.8 175.2#



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: 0.324 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

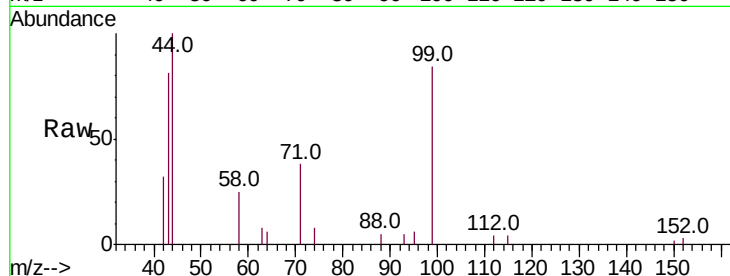
Tot Ion: 99 Resp: 3073

Ion Ratio Lower Upper

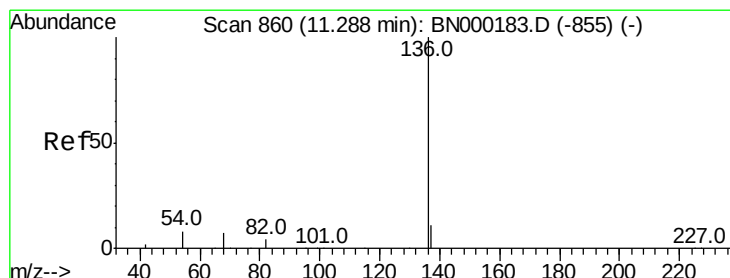
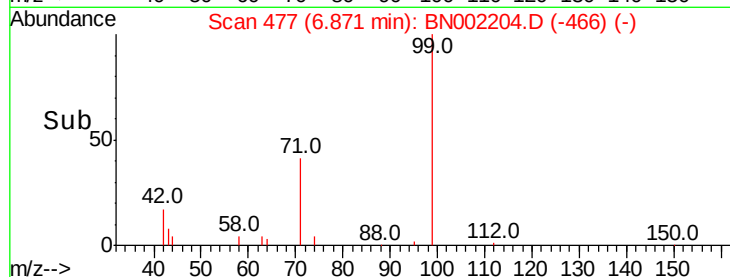
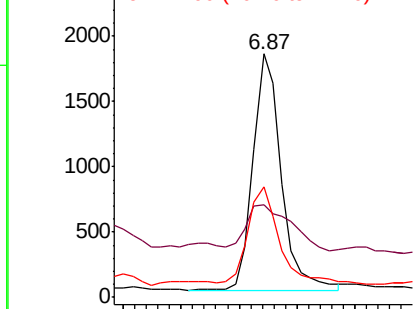
99 100

42 30.2 20.2 30.2

71 43.6 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Tgt Ion: 136 Resp: 13960

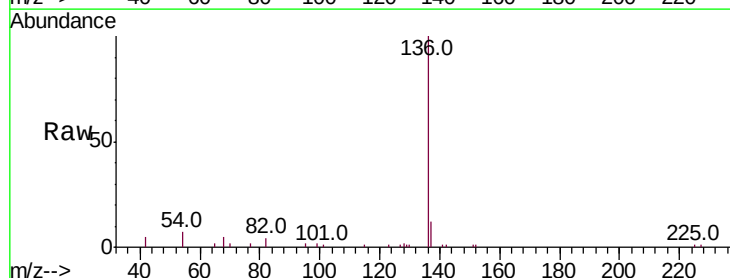
Ion Ratio Lower Upper

136 100

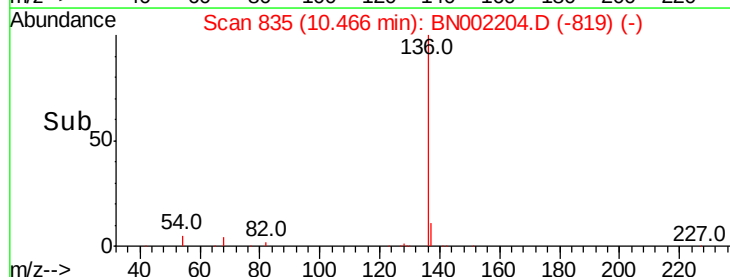
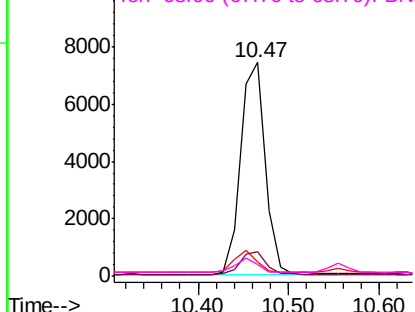
137 11.7 9.5 14.3

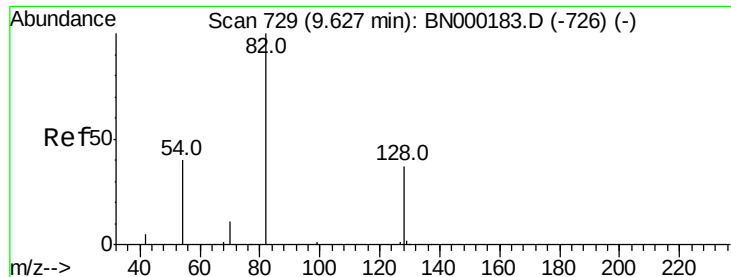
54 6.8 29.1 43.7#

68 5.4 6.2 9.2#



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): BN0
Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.302 ng

RT: 8.83 min Scan# 706

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

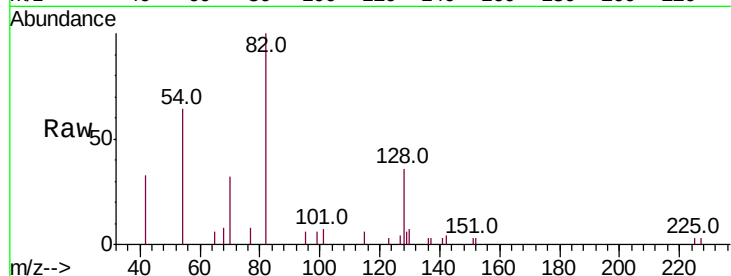
Tot Ion: 82 Resp: 3167

Ion Ratio Lower Upper

82 100

128 36.0 150.0 225.0#

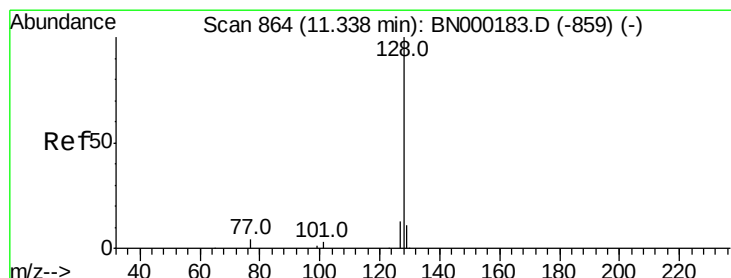
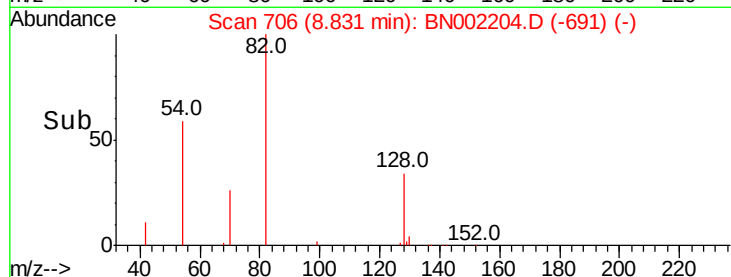
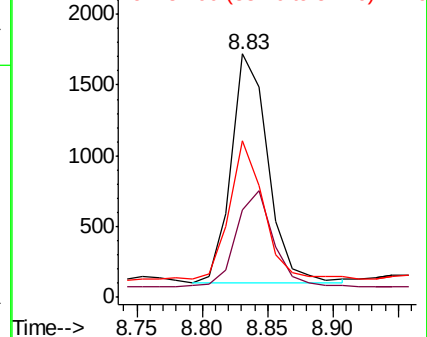
54 64.2 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BN000183.D (-726) (-)

Ion 128.00 (127.70 to 128.70): BN000183.D (-726) (-)

Ion 54.00 (53.70 to 54.70): BN000183.D (-726) (-)



#9

Naphthalene

Concen: 10.516 ng

RT: 10.50 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

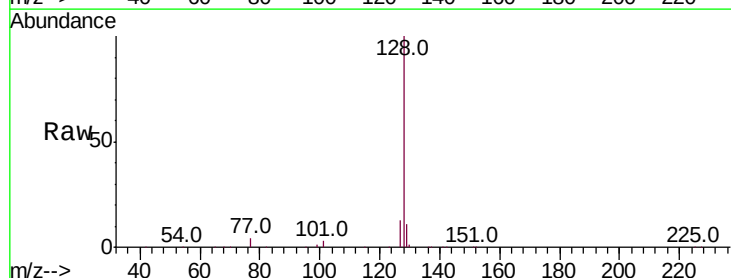
Tgt Ion: 128 Resp: 330915

Ion Ratio Lower Upper

128 100

129 11.0 8.0 12.0

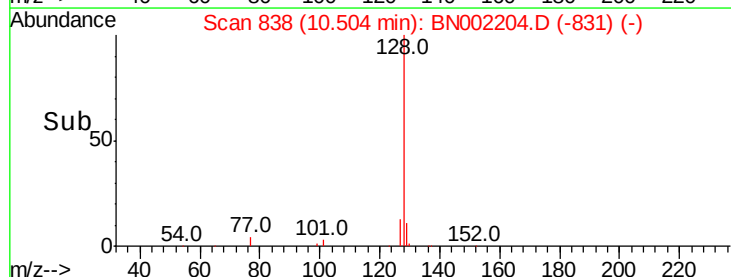
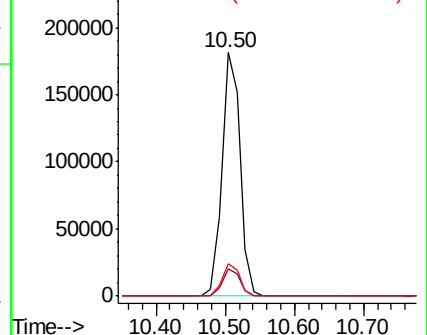
127 13.4 9.6 14.4

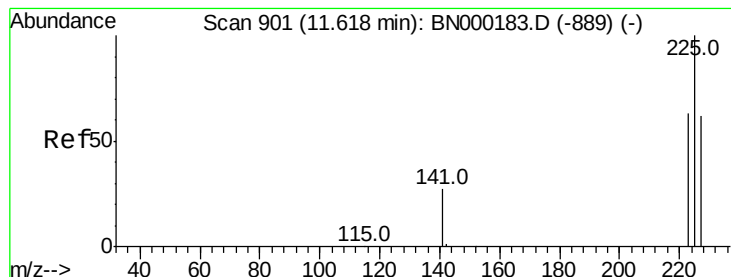


Abundance Ion 128.00 (127.70 to 128.70): BN000183.D (-859) (-)

Ion 129.00 (128.70 to 129.70): BN000183.D (-859) (-)

Ion 127.00 (126.70 to 127.70): BN000183.D (-859) (-)





#10

Hexachlorobutadiene

Concen: 0.046 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

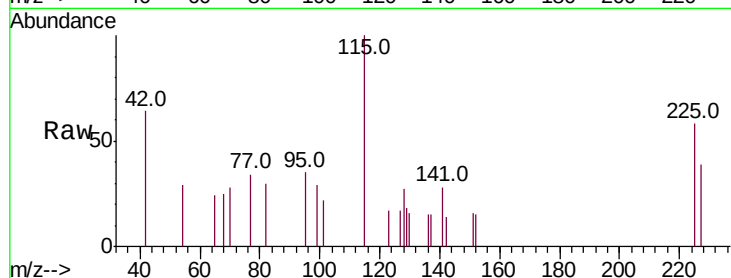
Tot Ion:225 Resp: 310

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

227 62.9 48.0 72.0



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

10.80

250

200

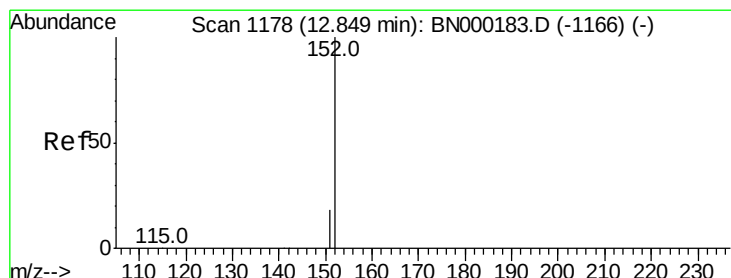
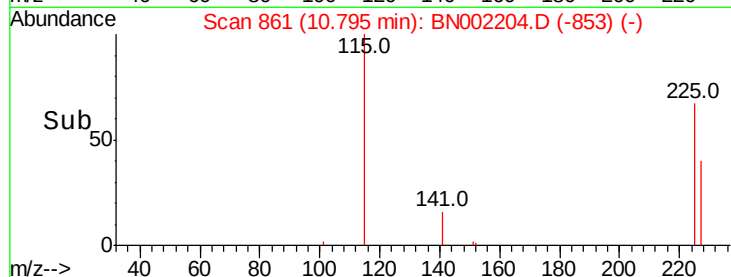
150

100

50

0

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.279 ng

RT: 12.06 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BN002204.D

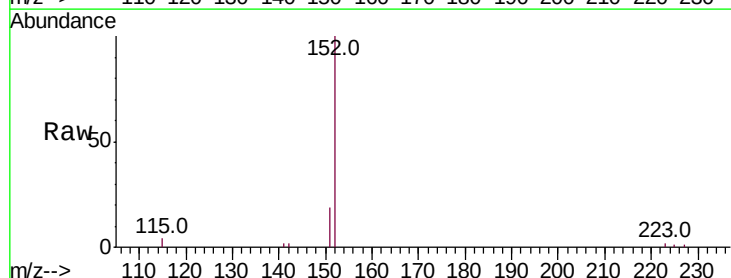
Acq: 31 Jul 2018 10:59

Tgt Ion:152 Resp: 5732

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

4000

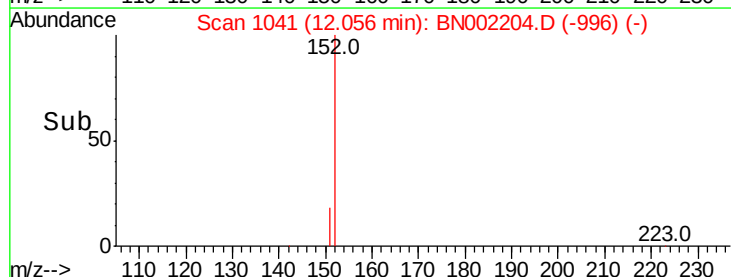
3000

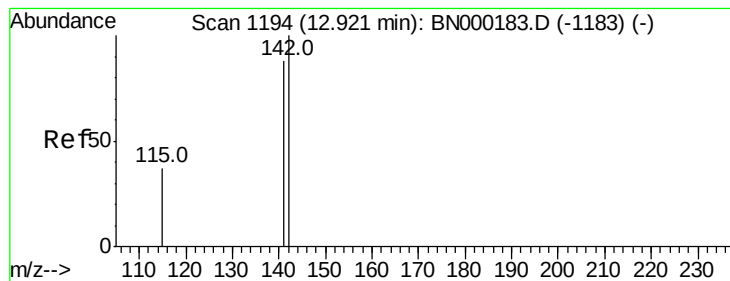
2000

1000

0

Time-->





#12

2-Methylnaphthalene

Concen: 0.040 ng

RT: 12.13 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

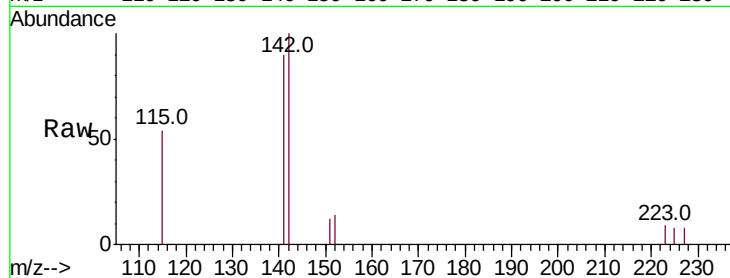
Tot Ion:142 Resp: 843

Ion Ratio Lower Upper

142 100

141 89.7 70.4 105.6

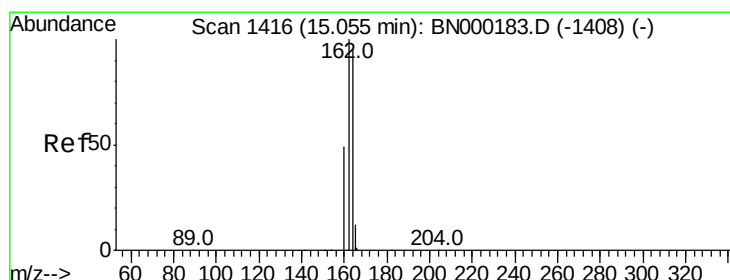
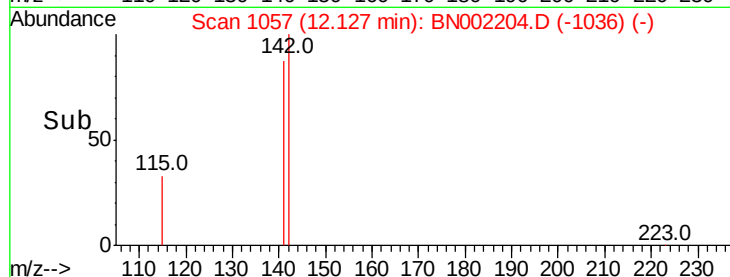
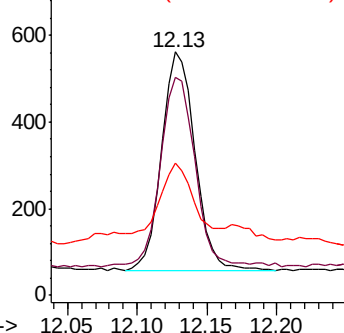
115 54.1 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

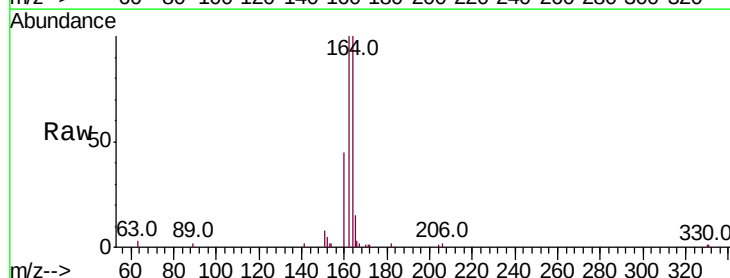
Tgt Ion:164 Resp: 7748

Ion Ratio Lower Upper

164 100

162 99.6 83.1 124.7

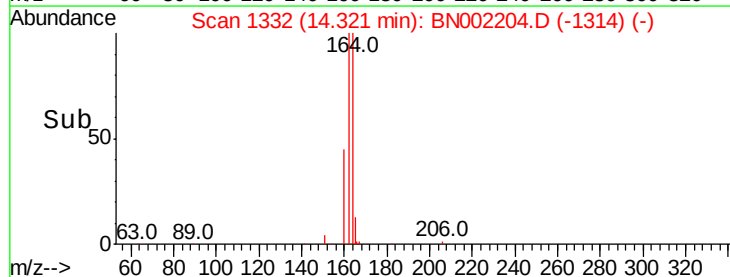
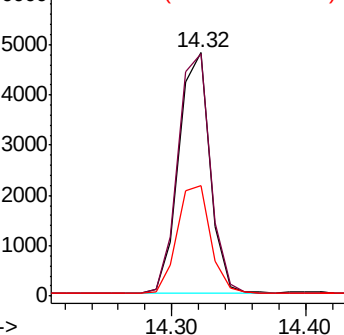
160 45.2 37.1 55.7

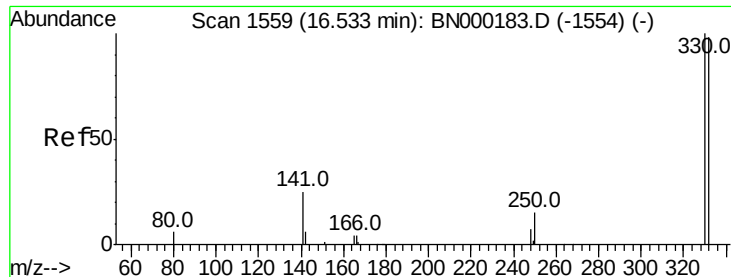


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.354 ng

RT: 15.81 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BN002204.D

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ClientSampled :

1550

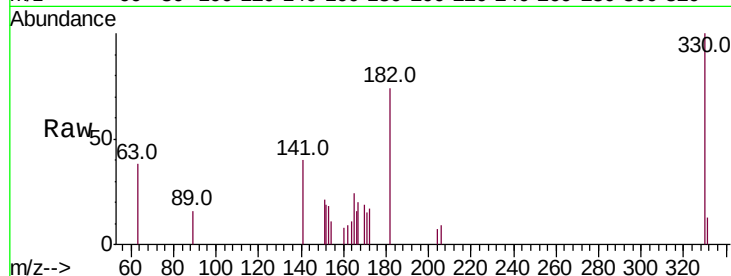
Tot Ion:330 Resp: 1170

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

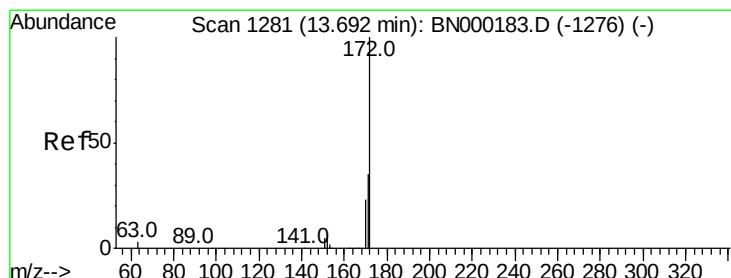
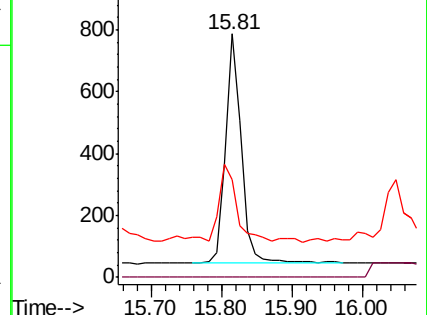
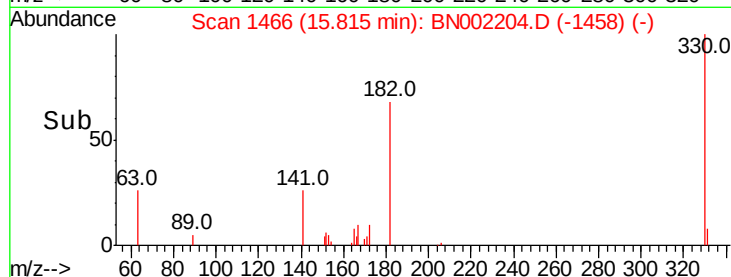
141 36.8 33.7 50.5



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: 0.311 ng

RT: 12.94 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

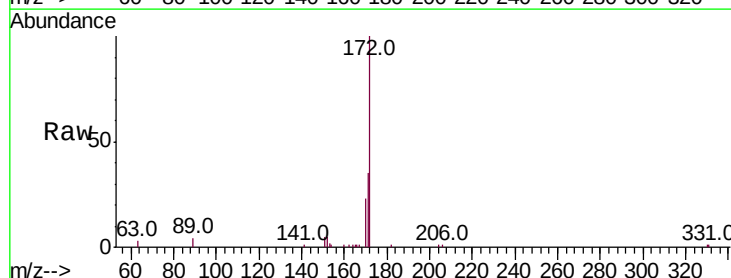
Tgt Ion:172 Resp: 9245

Ion Ratio Lower Upper

172 100

171 34.7 29.9 44.9

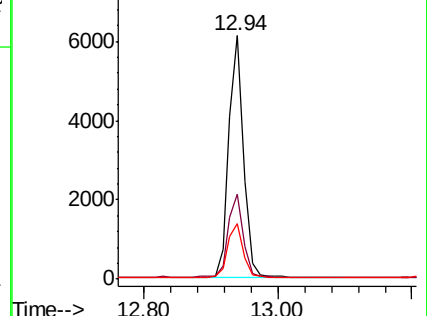
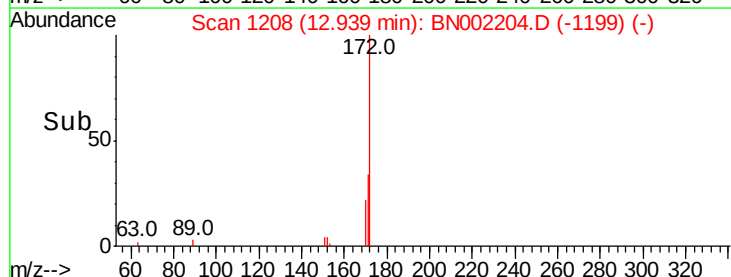
170 23.0 21.8 32.8

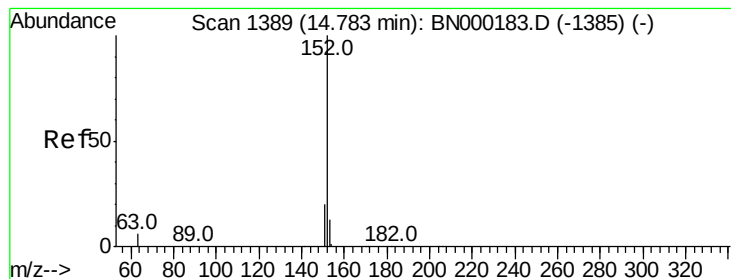


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 16.281 ng

RT: 14.03 min Scan# 1306

Delta R.T. -0.00 min

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1550

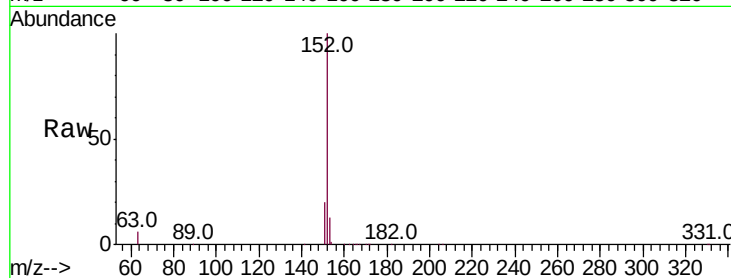
Tot Ion:152 Resp: 538928

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

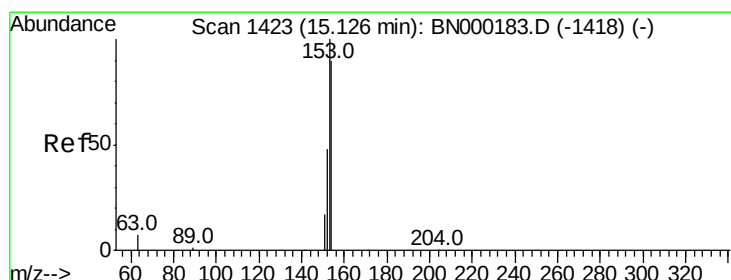
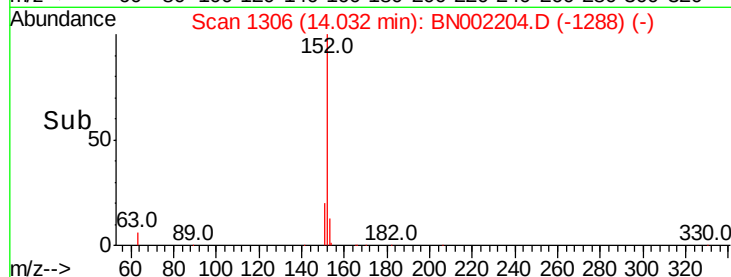
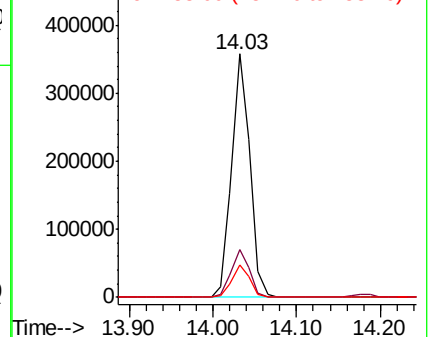
153 13.2 10.5 15.7



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: 8.130 ng

RT: 14.38 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

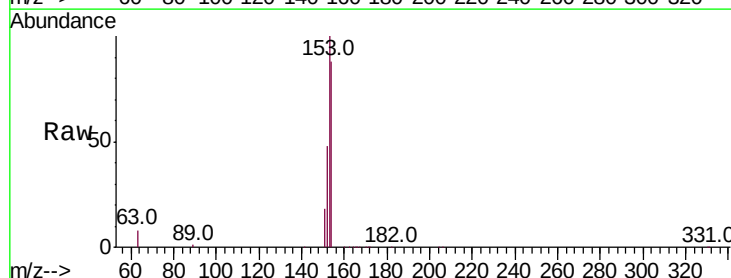
Tgt Ion:154 Resp: 173108

Ion Ratio Lower Upper

154 100

153 112.8 89.2 133.8

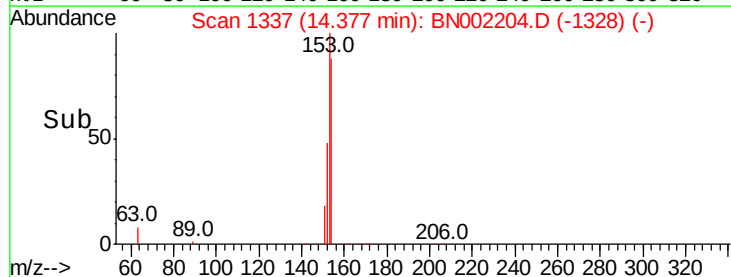
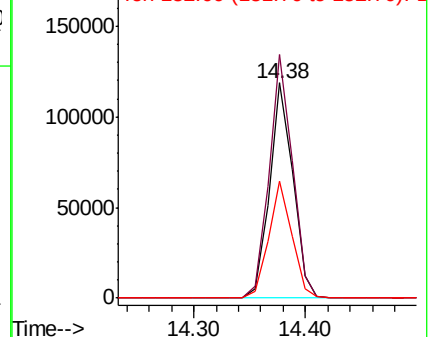
152 53.6 42.0 63.0

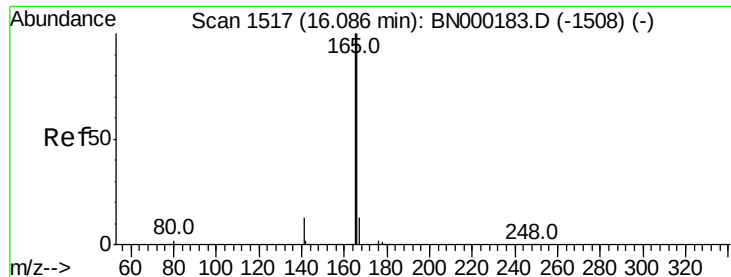


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 3.743 ng

RT: 15.37 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

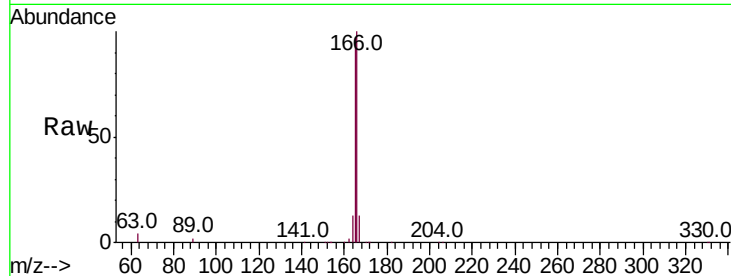
Tot Ion:166 Resp: 98019

Ion Ratio Lower Upper

166 100

165 97.1 77.8 116.6

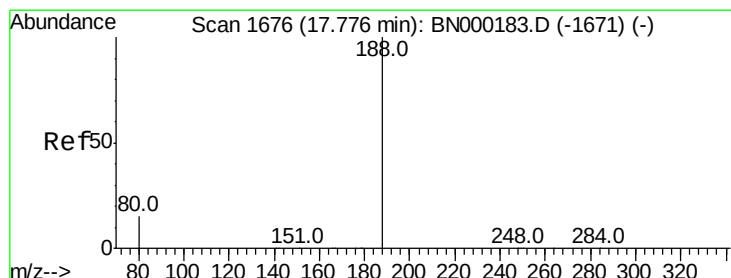
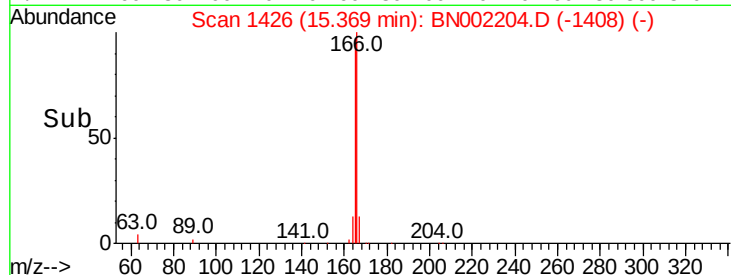
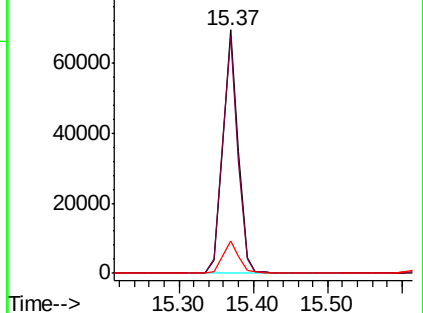
167 14.0 42.4 63.6#



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: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

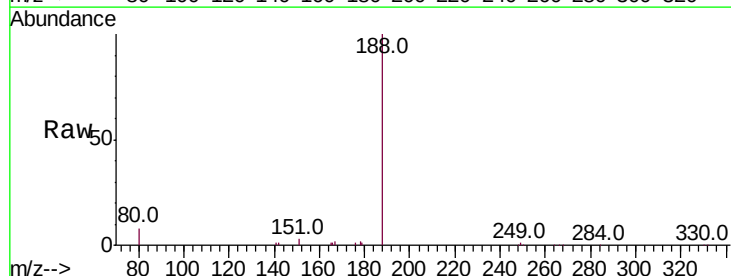
Tgt Ion:188 Resp: 16469

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

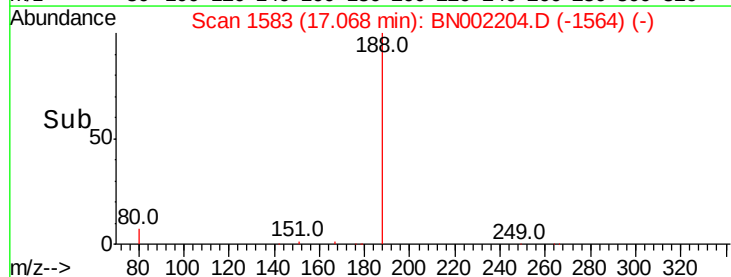
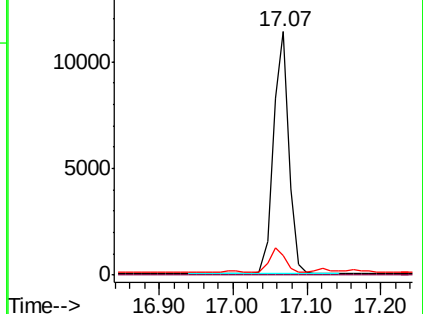
80 8.2 3.6 5.4#

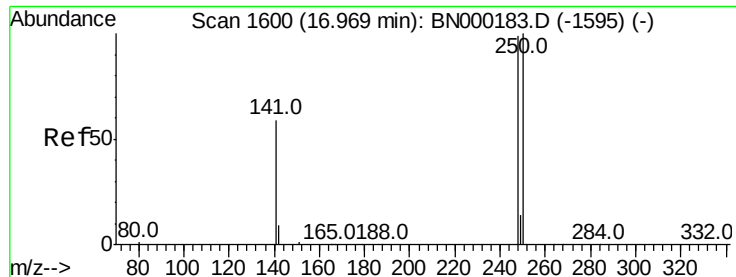


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

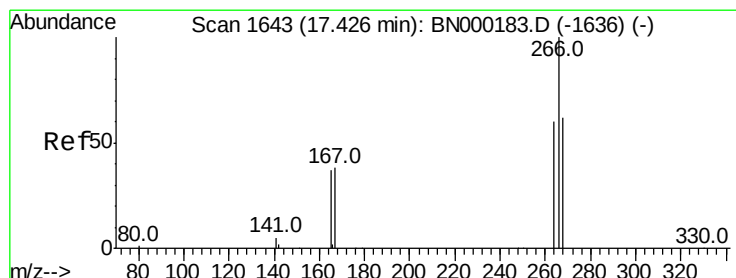
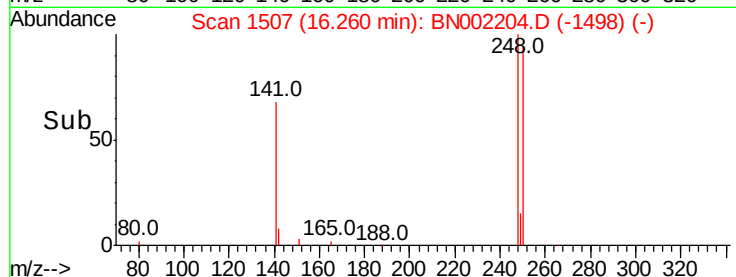
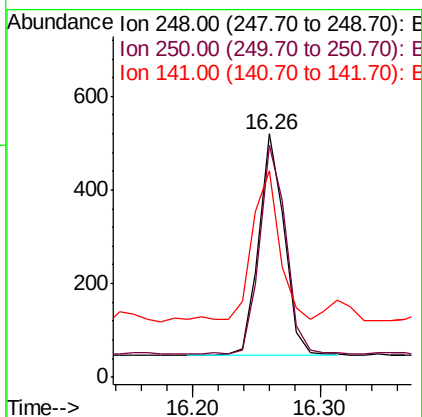
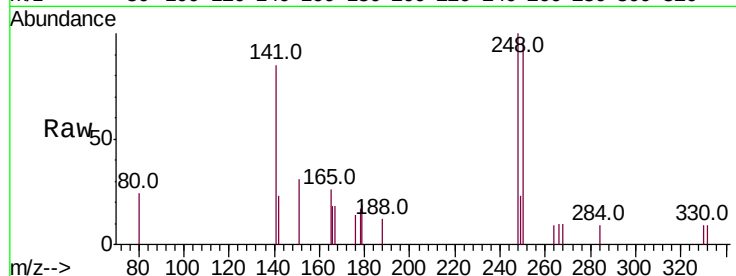




#20
4-Bromophenyl-phenylether
Concen: 0.071 ng
RT: 16.26 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN002204.D
Acq: 31 Jul 2018 10:59

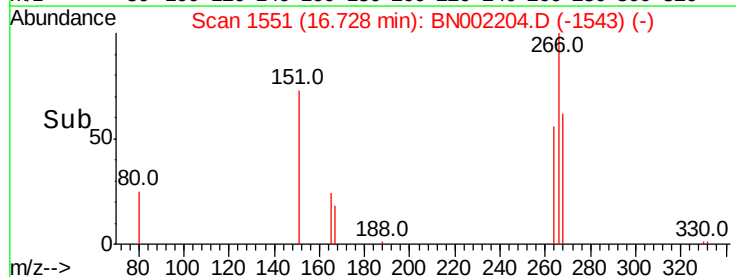
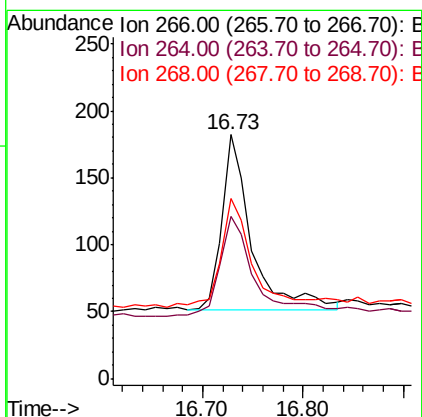
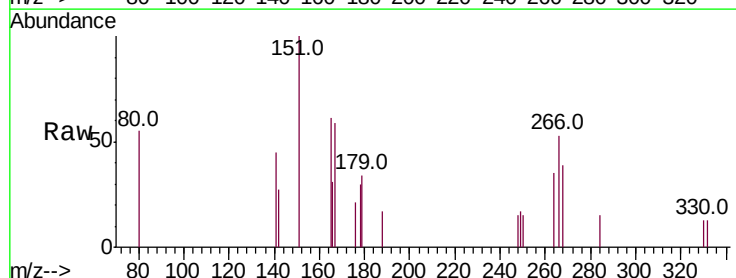
Instrument :
BNA_N
ClientSampleId :
1550

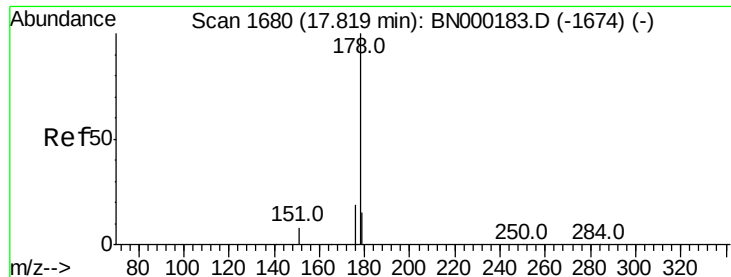
Tot Ion:248 Resp: 665
Ion Ratio Lower Upper
248 100
250 95.4 62.7 94.1#
141 85.0 48.2 72.2#



#22
Pentachlorophenol
Concen: 0.199 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN002204.D
Acq: 31 Jul 2018 10:59

Tgt Ion:266 Resp: 273
Ion Ratio Lower Upper
266 100
264 66.5 48.0 72.0
268 74.2 52.0 78.0





#23

Phenanthrene

Concen: 16.444 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampled :

1550

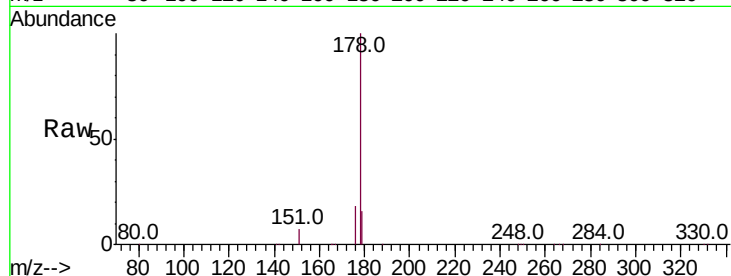
Tot Ion:178 Resp: 673766

Ion Ratio Lower Upper

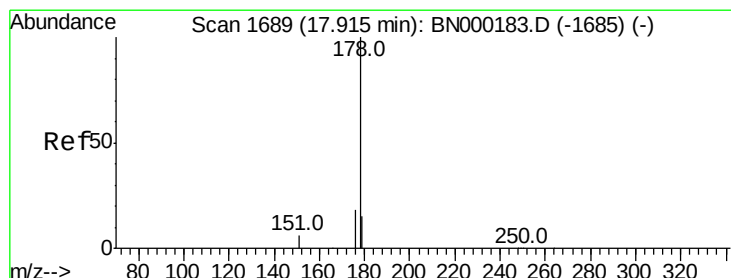
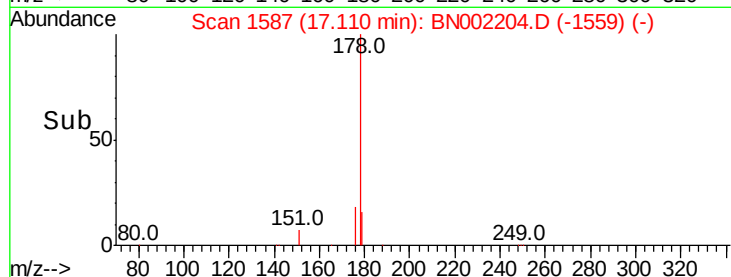
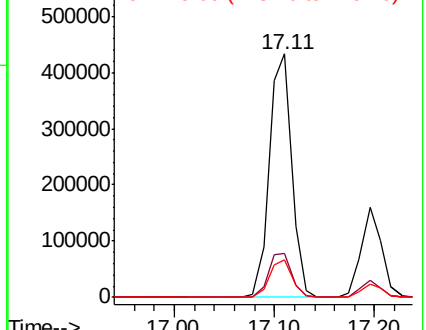
178 100

176 18.8 15.1 22.7

179 15.4 11.8 17.6



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: 6.666 ng

RT: 17.20 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

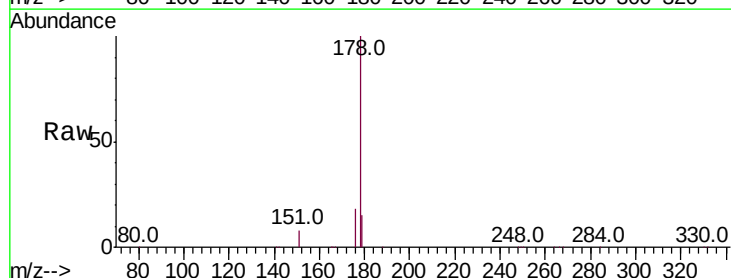
Tgt Ion:178 Resp: 225917

Ion Ratio Lower Upper

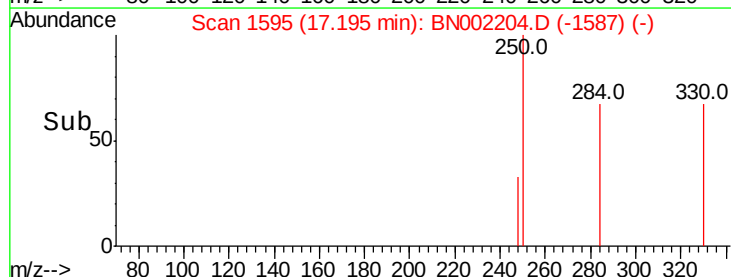
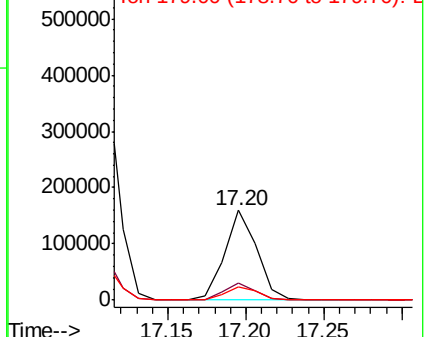
178 100

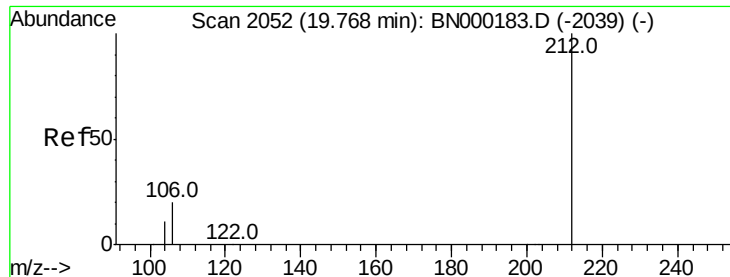
176 18.2 12.8 19.2

179 15.2 13.0 19.6



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





#25

Fluoranthene-d10

Concen: 0.303 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

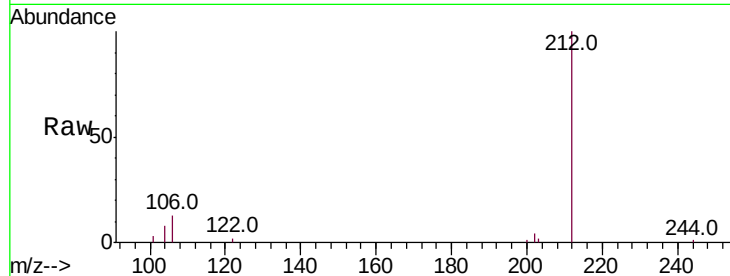
Tot Ion:212 Resp: 12343

Ion Ratio Lower Upper

212 100

106 11.4 2.8 4.2#

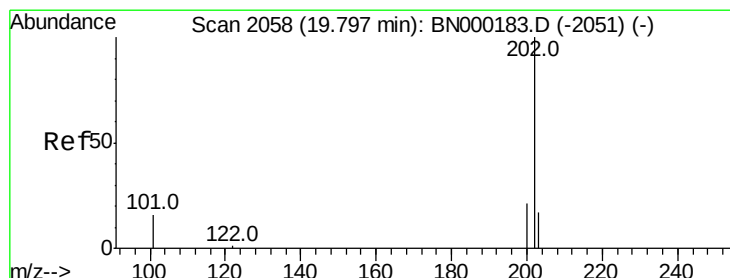
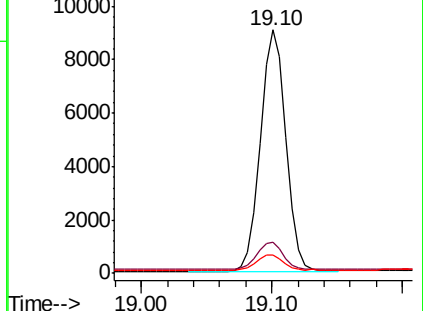
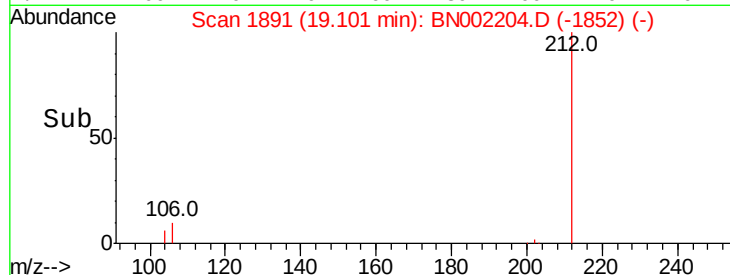
104 6.6 1.6 2.4#



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: 2.810 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

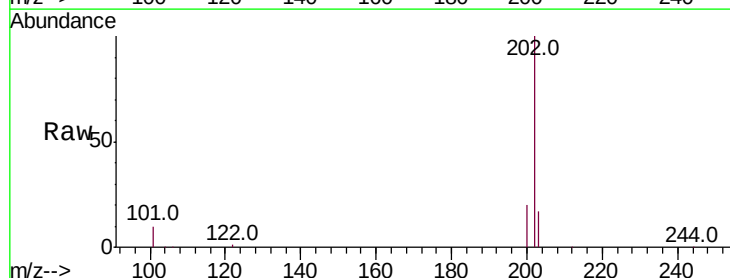
Tgt Ion:202 Resp: 125321

Ion Ratio Lower Upper

202 100

101 9.7 9.8 14.8#

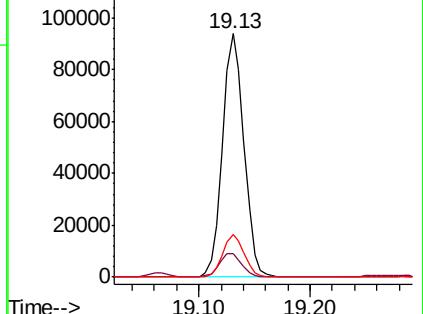
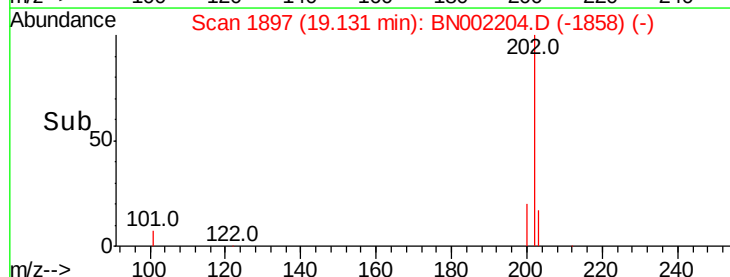
203 17.2 13.7 20.5

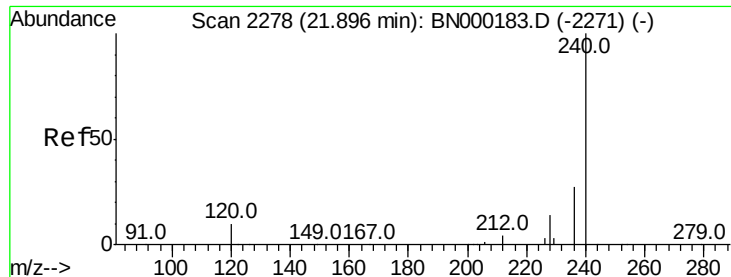


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

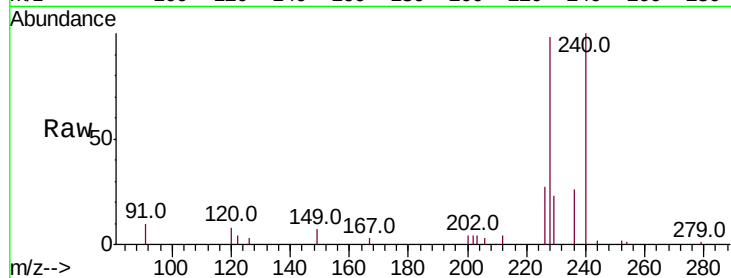
Tot Ion:240 Resp: 11934

Ion Ratio Lower Upper

240 100

120 7.9 5.5 8.3

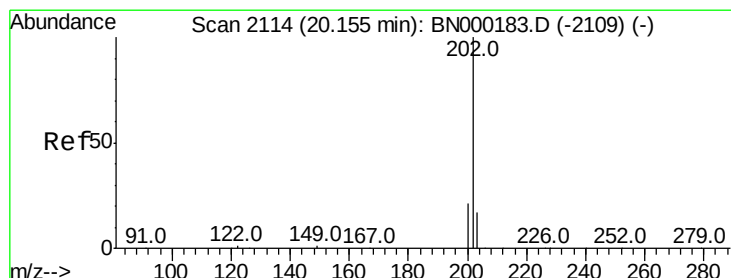
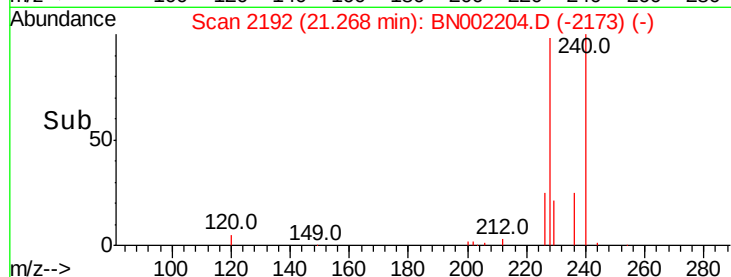
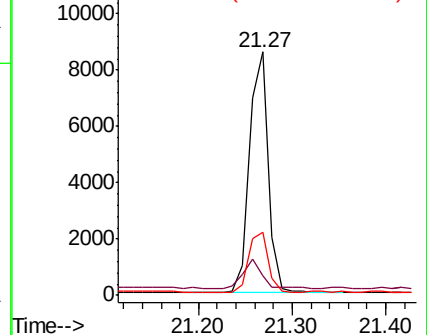
236 26.0 20.7 31.1



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: 5.246 ng

RT: 19.49 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

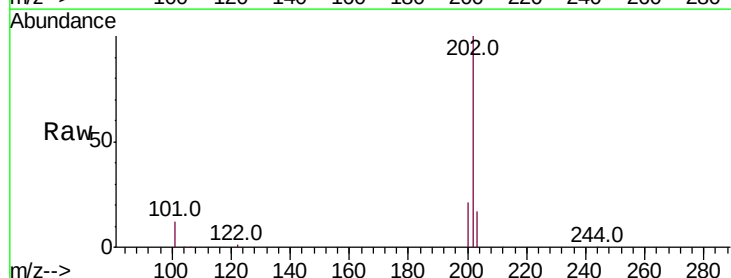
Tgt Ion:202 Resp: 185177

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

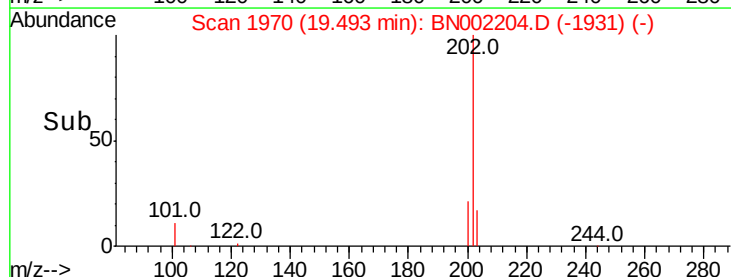
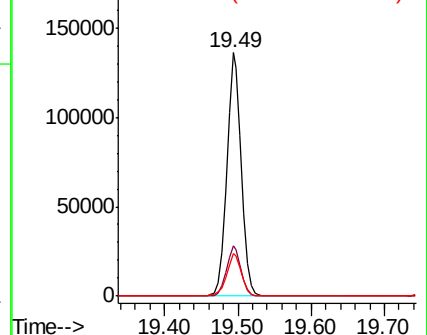
203 17.8 13.8 20.8

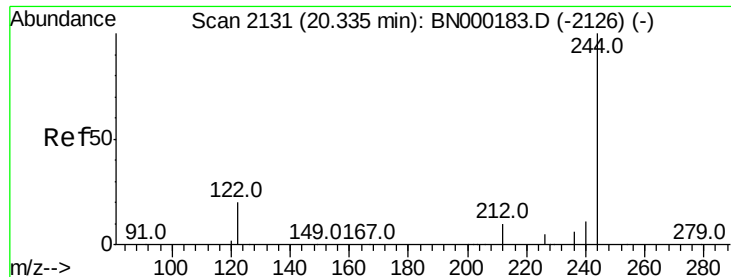


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.315 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

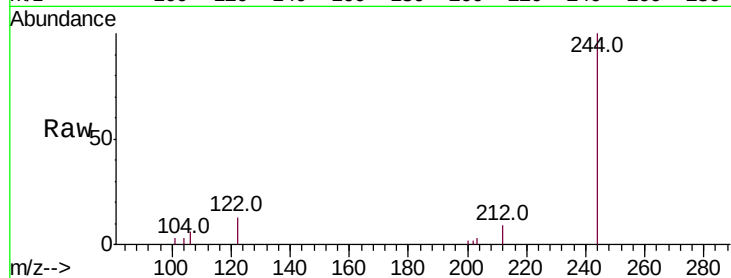
Tot Ion:244 Resp: 8025

Ion Ratio Lower Upper

244 100

212 8.6 25.4 38.0#

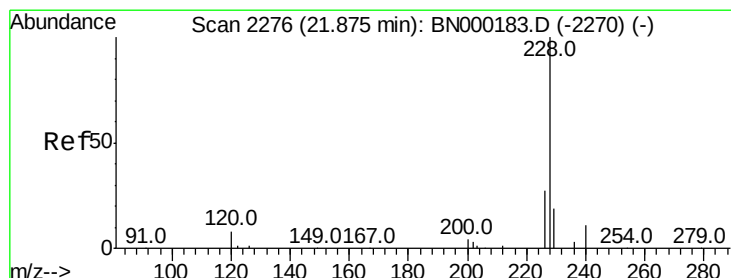
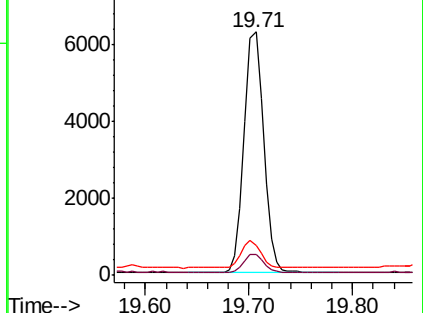
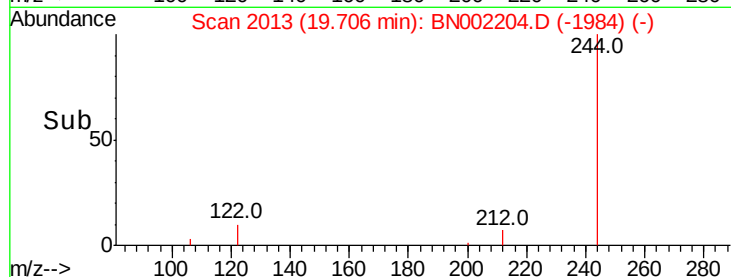
122 12.5 8.1 12.1#



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: 5.826 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

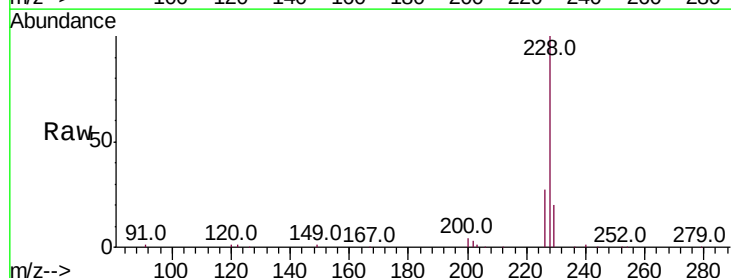
Tgt Ion:228 Resp: 174917

Ion Ratio Lower Upper

228 100

226 26.6 24.0 36.0

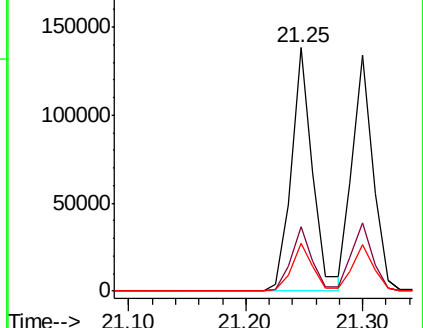
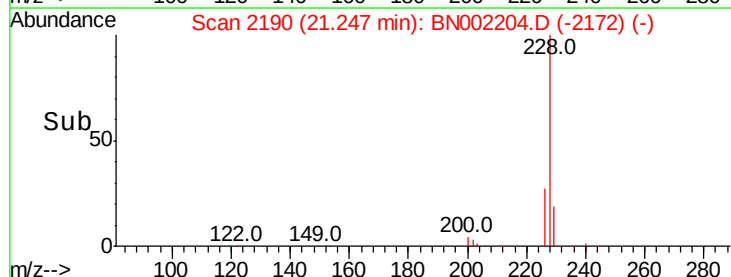
229 19.5 16.0 24.0

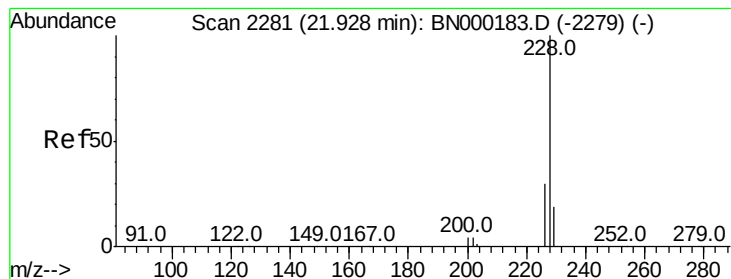


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 4.877 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

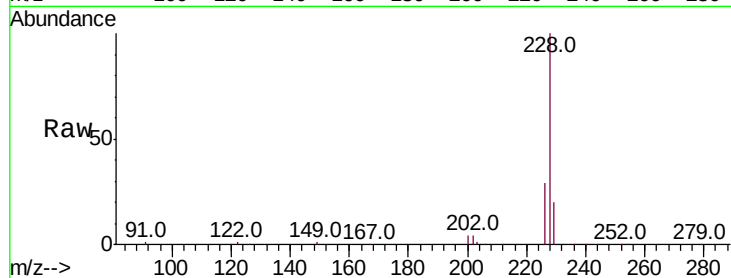
Tot Ion:228 Resp: 163882

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

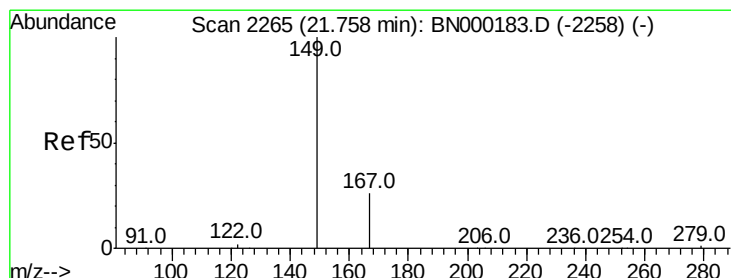
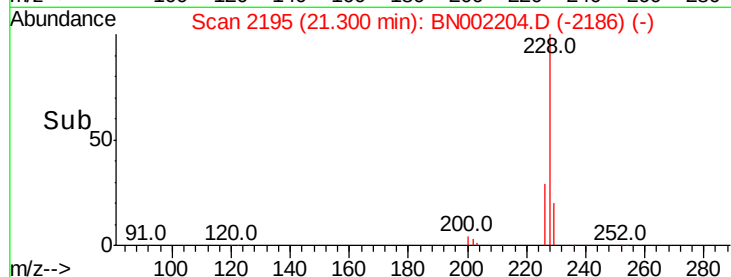
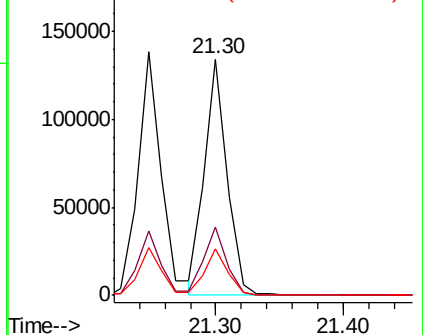
229 19.7 16.0 24.0



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: 1.183 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

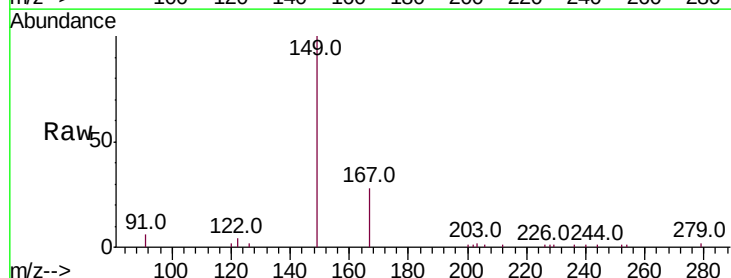
Tgt Ion:149 Resp: 16240

Ion Ratio Lower Upper

149 100

167 29.0 20.0 30.0

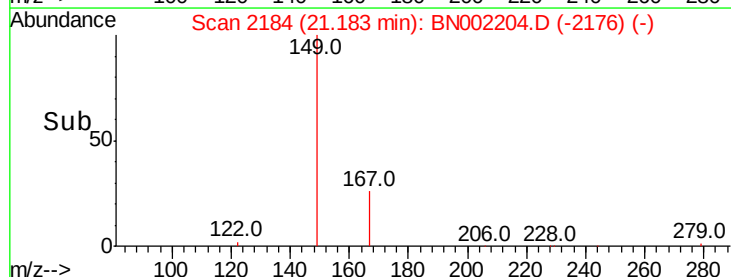
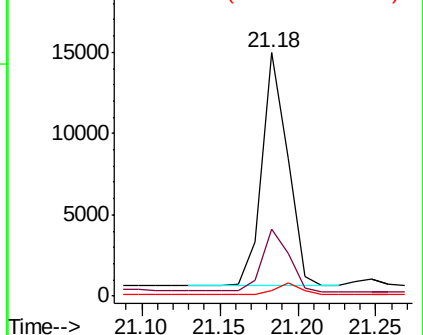
279 4.4 1.6 2.4#

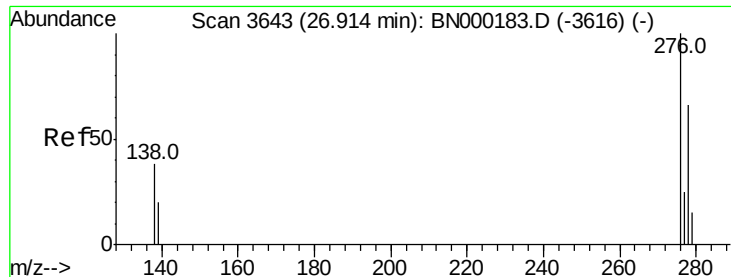


Abundance Ion 149.00 (148.70 to 149.70): E

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: 5.246 ng

RT: 25.71 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

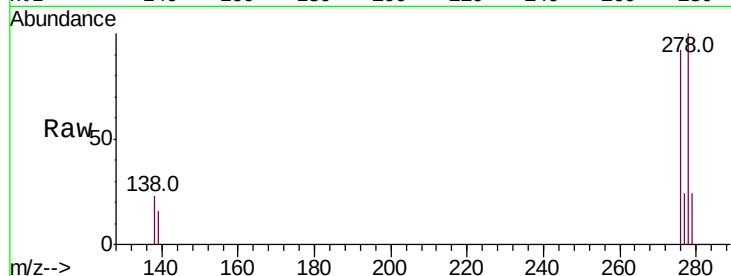
Tot Ion:276 Resp: 166071

Ion Ratio Lower Upper

276 100

138 24.7 22.5 33.7

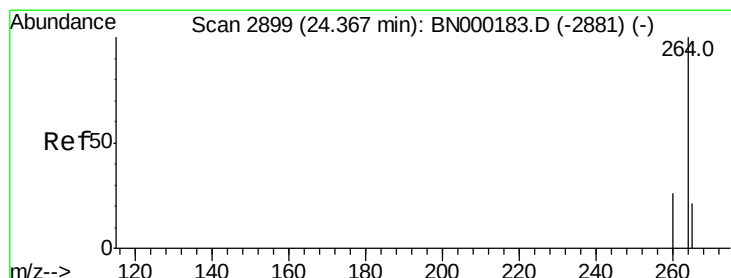
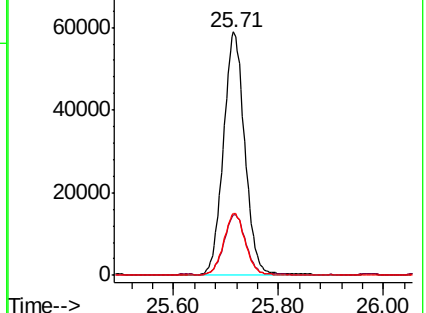
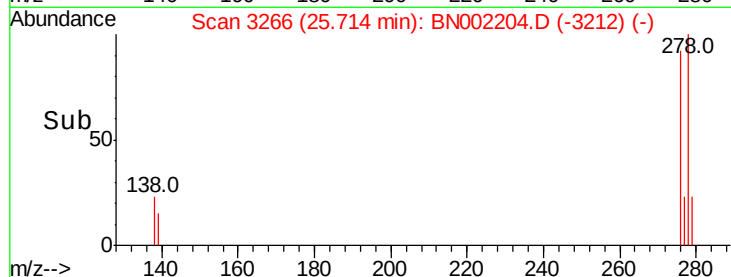
277 25.2 19.9 29.9



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: 23.49 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

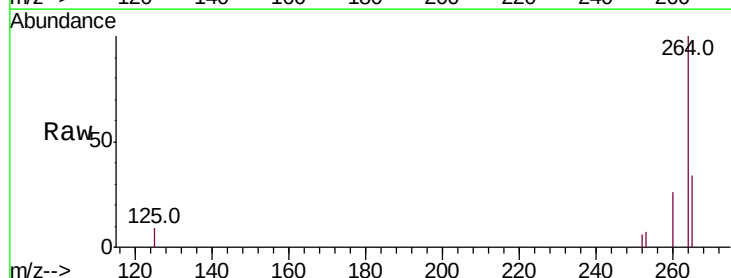
Tgt Ion:264 Resp: 10754

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

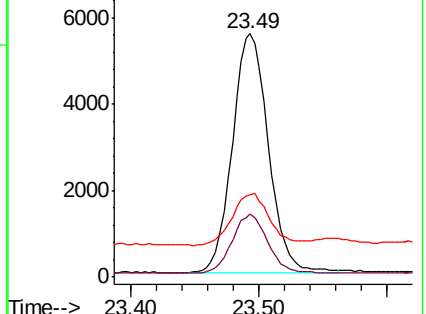
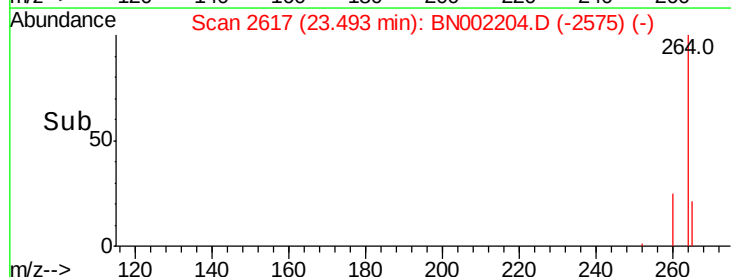
265 33.9 22.8 34.2

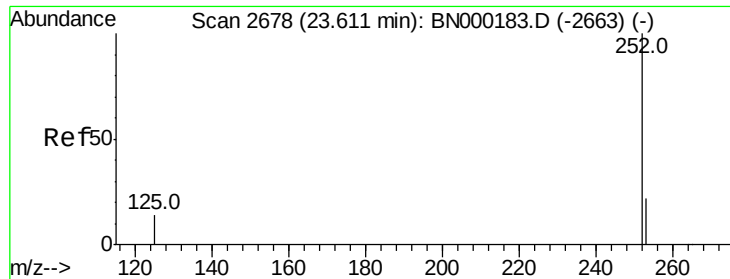


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 8.264 ng

RT: 22.82 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

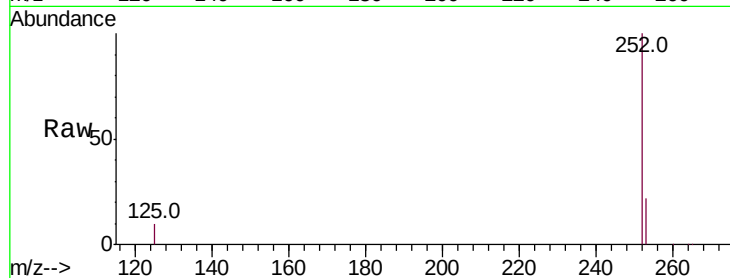
Tot Ion:252 Resp: 261385

Ion Ratio Lower Upper

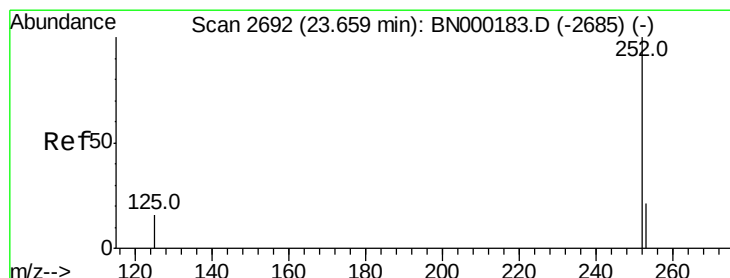
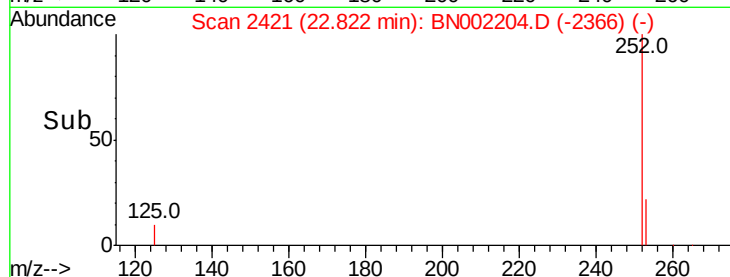
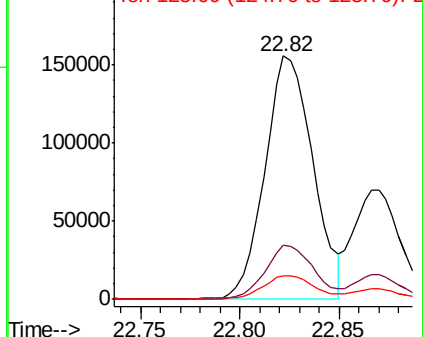
252 100

253 22.1 20.0 30.0

125 9.9 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



#36

Benzo(k)fluoranthene

Concen: 3.475 ng

RT: 22.87 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

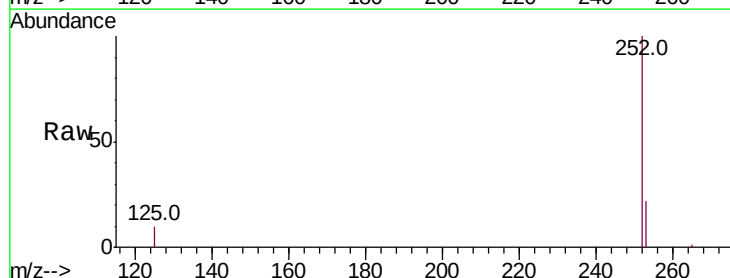
Tgt Ion:252 Resp: 114067

Ion Ratio Lower Upper

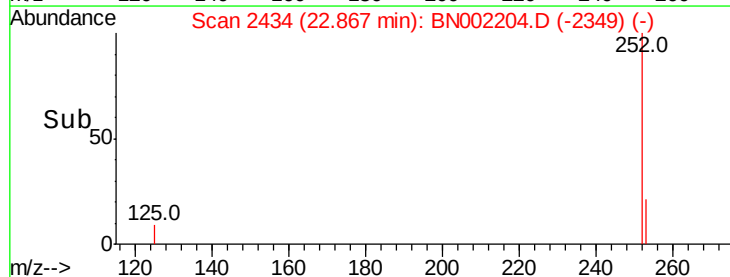
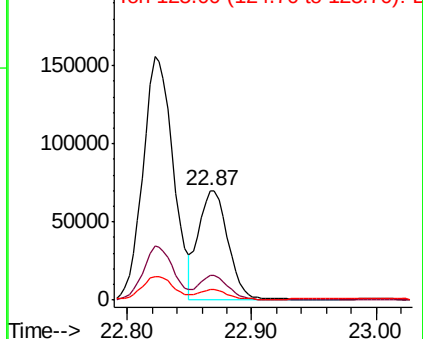
252 100

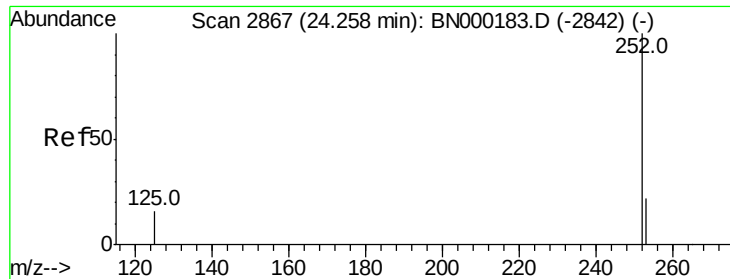
253 22.2 16.0 24.0

125 9.6 8.0 12.0



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: 2.031 ng

RT: 23.39 min Scan# 2588

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

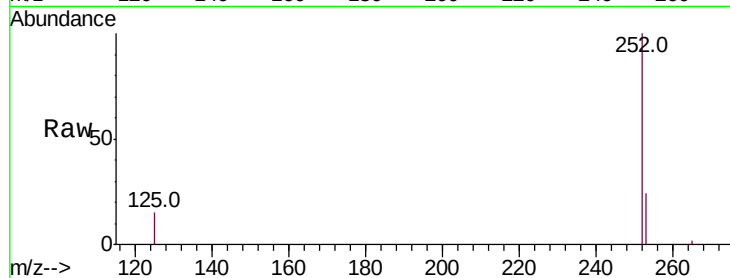
Tot Ion:252 Resp: 58186

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

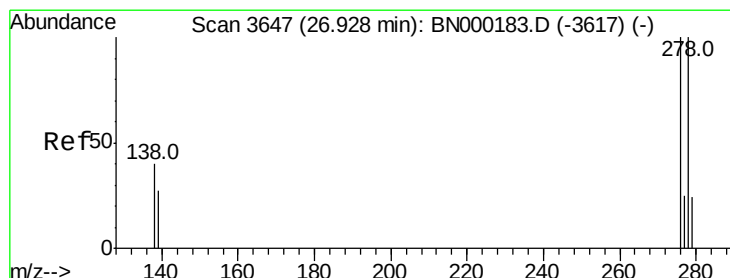
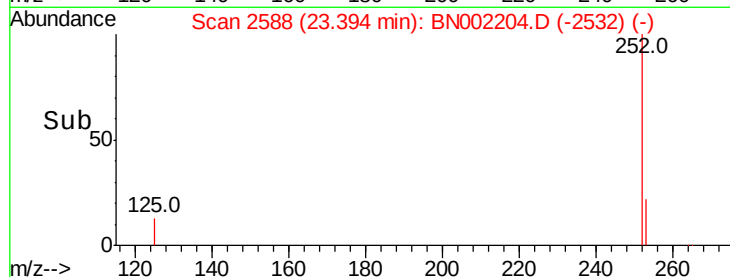
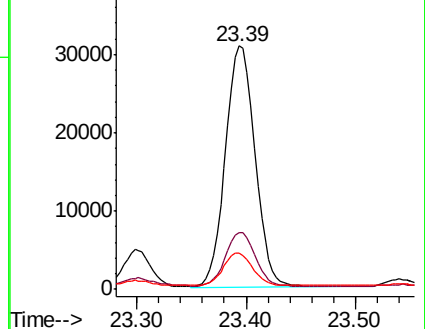
125 14.7 12.0 18.0



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: 7.182 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.02 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

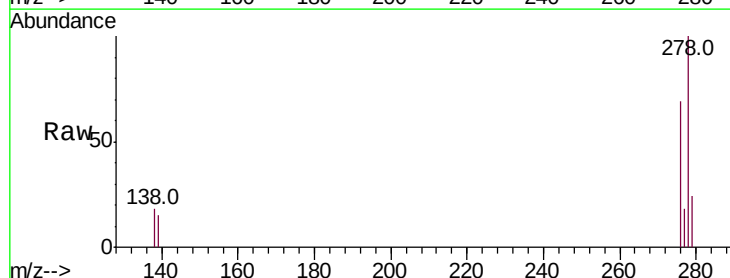
Tgt Ion:278 Resp: 200246

Ion Ratio Lower Upper

278 100

139 15.1 16.0 24.0#

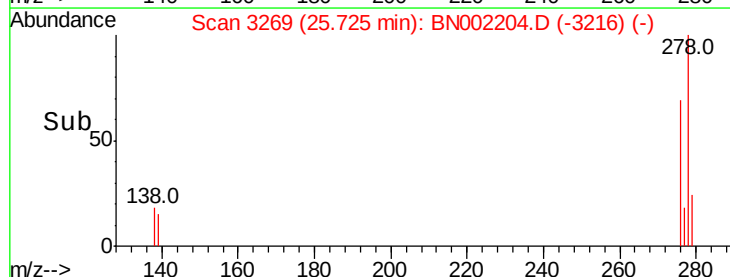
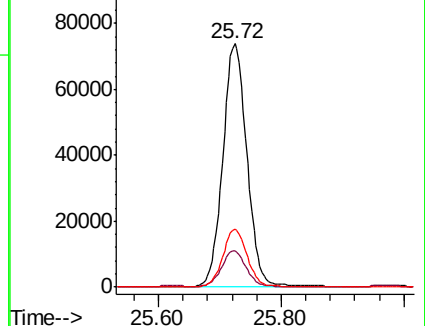
279 23.8 20.0 30.0

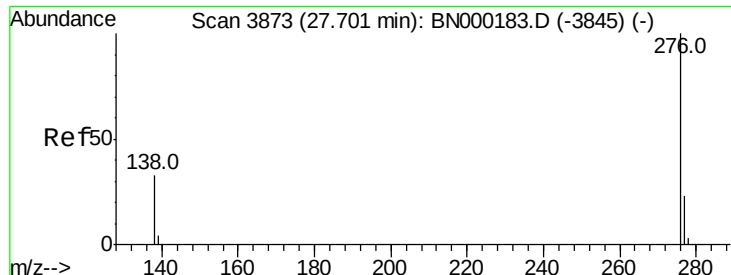


Abundance Ion 278.00 (277.70 to 278.70): E

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: 7.084 ng

RT: 26.39 min Scan# 3464

Delta R.T. -0.01 min

Lab File: BN002204.D

Acq: 31 Jul 2018 10:59

Instrument :

BNA_N

ClientSampleId :

1550

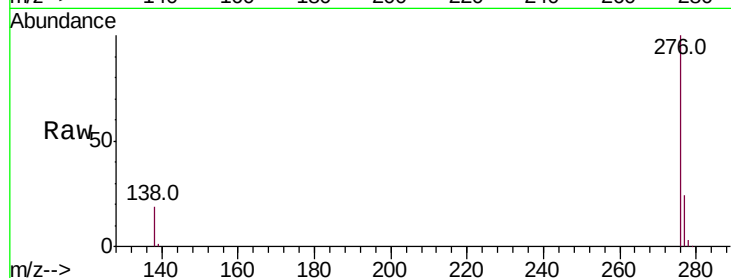
Tot Ion:276 Resp: 201805

Ion Ratio Lower Upper

276 100

277 23.7 16.0 24.0

138 19.4 20.0 30.0#



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

