

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007306.D
 Acq On : 22 Aug 2019 00:47
 Operator : HP/JU
 Sample : PB122438BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 22 05:02:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 18:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4971	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	18280	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	9762	0.40	ng	0.00
19) Phenanthrene-d10	16.82	188	22178	0.40	ng	0.00
27) Chrysene-d12	21.03	240	25111	0.40	ng	0.00
34) Perylene-d12	23.14	264	28988	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	4427	0.29	ng	0.00
5) Phenol-d6	6.61	99	5500	0.31	ng	0.00
8) Nitrobenzene-d5	8.54	82	4073	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	11956	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1619	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	11981	0.29	ng	0.00
25) Fluoranthene-d10	18.85	212	22131	0.31	ng	0.00
29) Terphenyl-d14	19.48	244	17204	0.27	ng	0.00

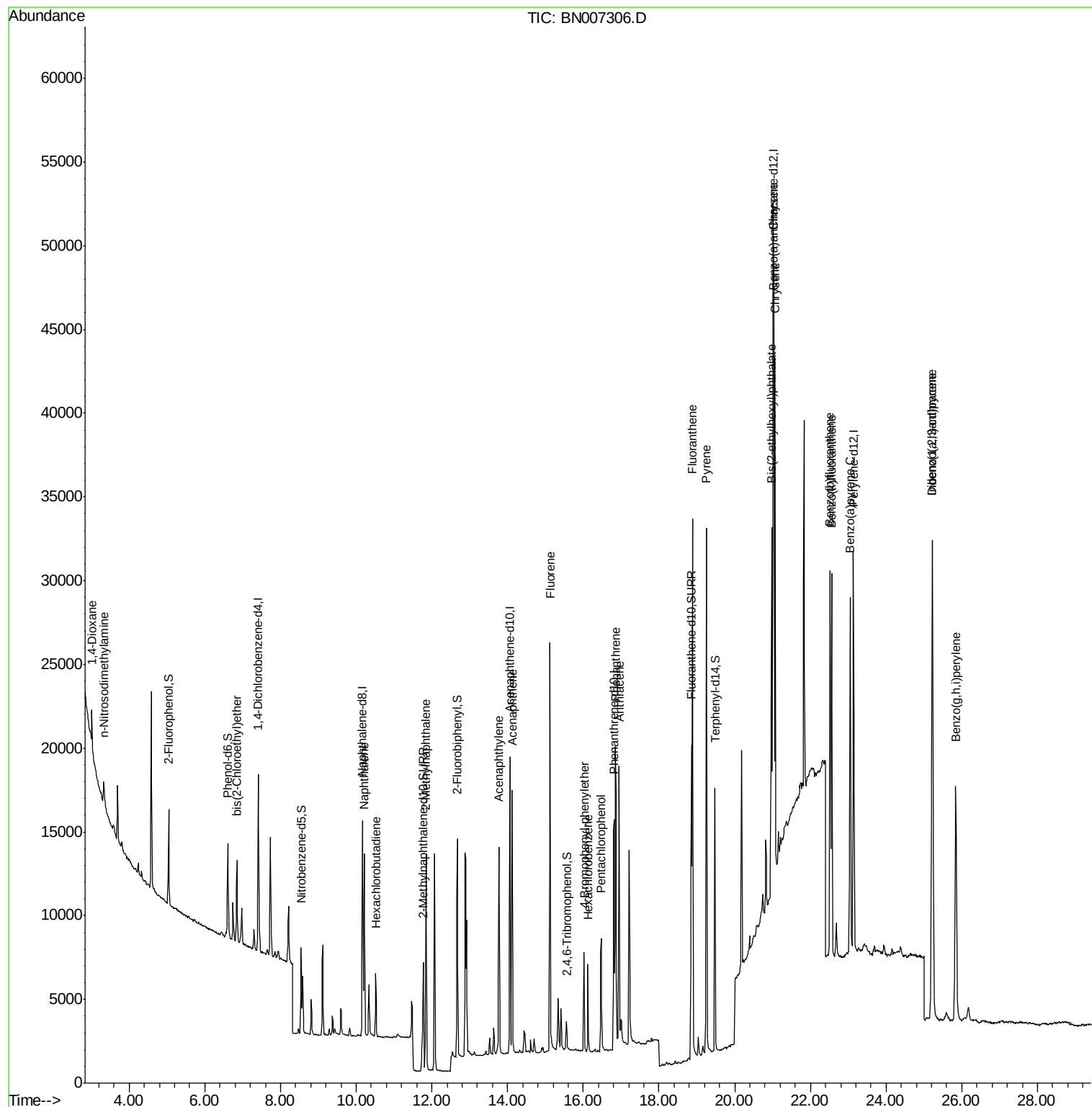
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1401	0.199	ng	# 41
3) n-Nitrosodimethylamine	3.33	42	907	0.192	ng	# 74
6) bis(2-Chloroethyl)ether	6.85	93	3732	0.254	ng	99
9) Naphthalene	10.22	128	13740	0.265	ng	98
10) Hexachlorobutadiene	10.52	225	3050	0.267	ng	# 99
12) 2-Methylnaphthalene	11.85	142	9637	0.269	ng	98
16) Acenaphthylene	13.77	152	15501	0.299	ng	99
17) Acenaphthene	14.12	154	8691	0.263	ng	99
18) Fluorene	15.12	166	12067	0.280	ng	99
20) 4-Bromophenyl-phenylether	16.02	248	3728	0.293	ng	97
21) Hexachlorobenzene	16.12	284	3924	0.267	ng	98
22) Pentachlorophenol	16.48	266	3795	0.643	ng	98
23) Phenanthrene	16.85	178	20679	0.297	ng	99
24) Anthracene	16.94	178	19235	0.307	ng	99
26) Fluoranthene	18.88	202	31360	0.372	ng	99
28) Pyrene	19.25	202	30902	0.329	ng	98
30) Benzo(a)anthracene	21.02	228	27589	0.295	ng	94
31) Chrysene	21.07	228	27121	0.285	ng	97
32) Bis(2-ethylhexyl)phthalate	20.98	149	19111	0.512	ng	98
33) Indeno(1,2,3-cd)pyrene	25.22	276	32938	0.287	ng	99
35) Benzo(b)fluoranthene	22.52	252	27786	0.257	ng	# 89
36) Benzo(k)fluoranthene	22.56	252	27623	0.261	ng	# 89
37) Benzo(a)pyrene	23.05	252	28647	0.294	ng	# 88
38) Dibenzo(a,h)anthracene	25.23	278	26810	0.262	ng	# 90
39) Benzo(g,h,i)perylene	25.84	276	28275	0.273	ng	94

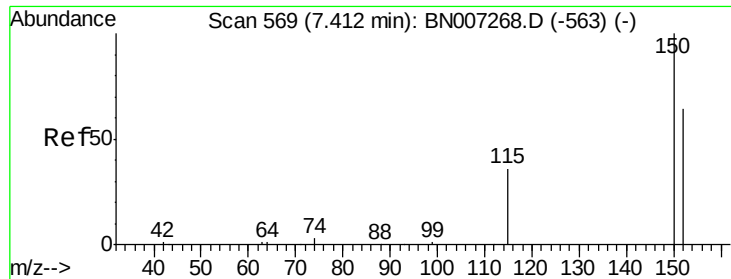
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

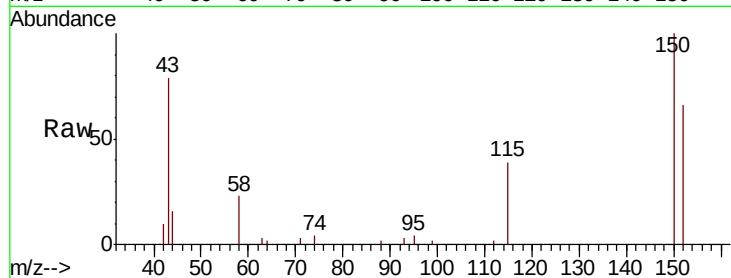
Tot Ion:152 Resp: 4971

Ion Ratio Lower Upper

152 100

150 152.3 123.8 185.8

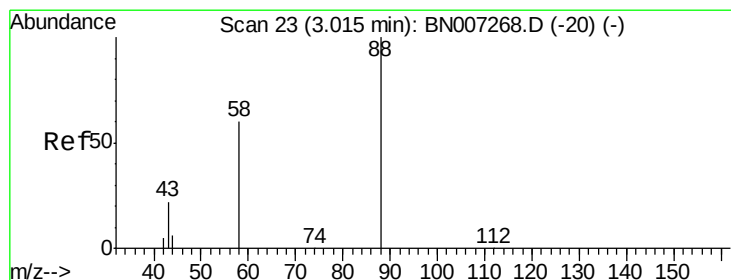
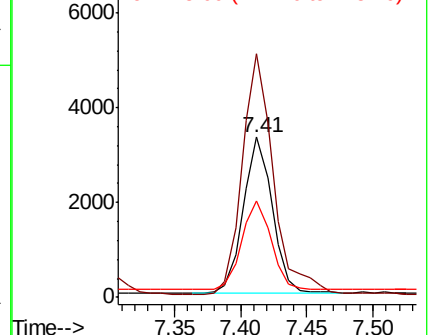
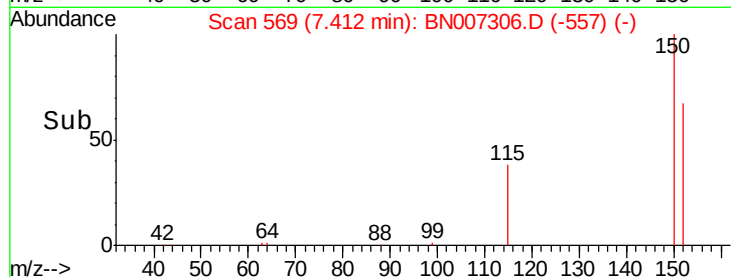
115 60.0 47.3 70.9



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: 0.199 ng

RT: 3.01 min Scan# 23

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

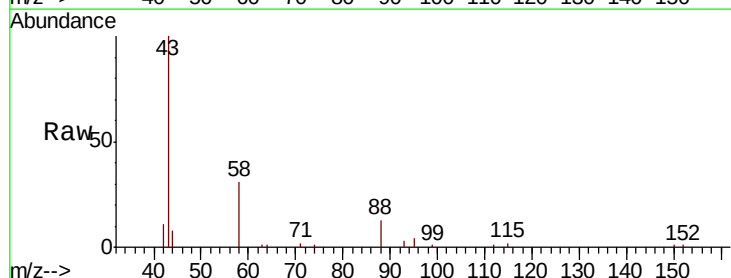
Tgt Ion: 88 Resp: 1401

Ion Ratio Lower Upper

88 100

58 103.5 45.5 68.3#

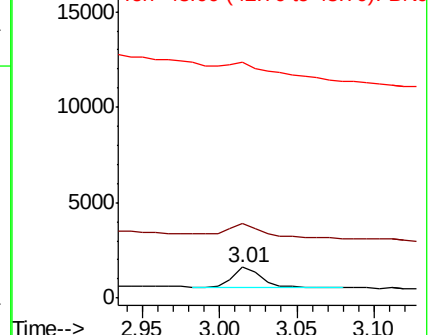
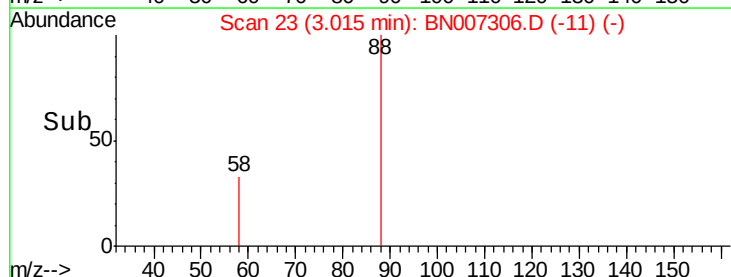
43 0.0 20.4 30.6#

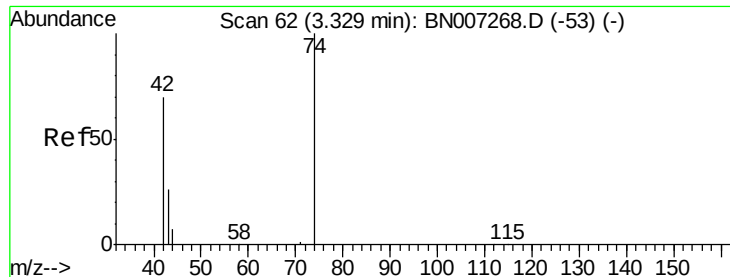


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



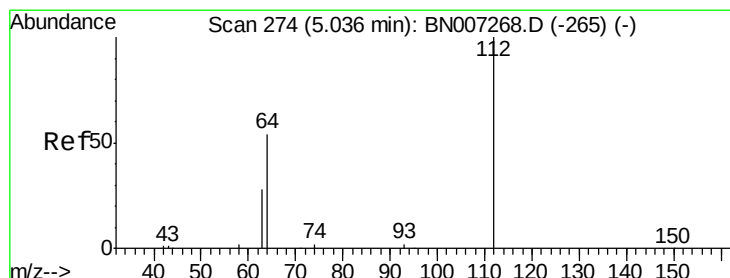
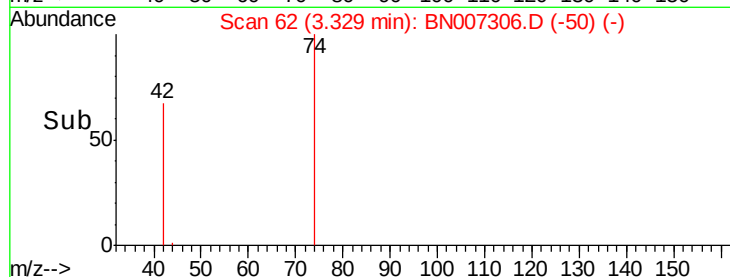
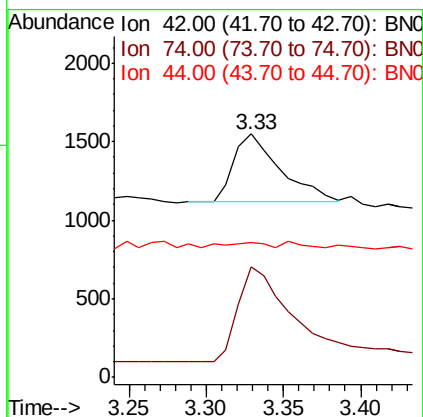
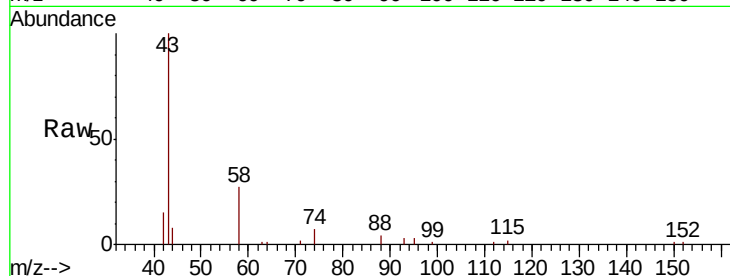


#3

n-Nitrosodimethylamine
 Concen: 0.192 ng
 RT: 3.33 min Scan# 62
 Delta R.T. -0.00 min
 Lab File: BN007306.D
 Acq: 22 Aug 2019 00:47

Instrument :
 BNA_N
 ClientSampleId :

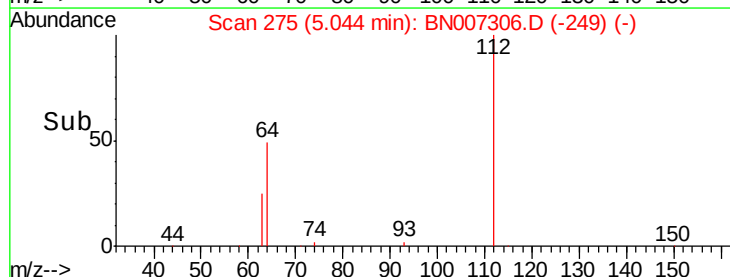
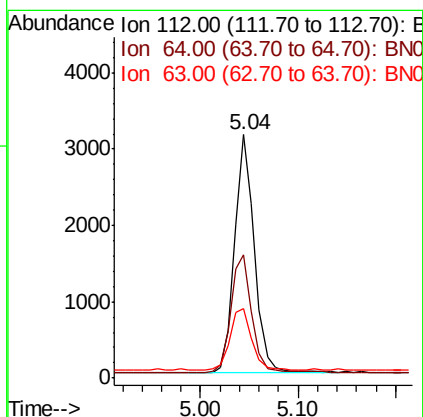
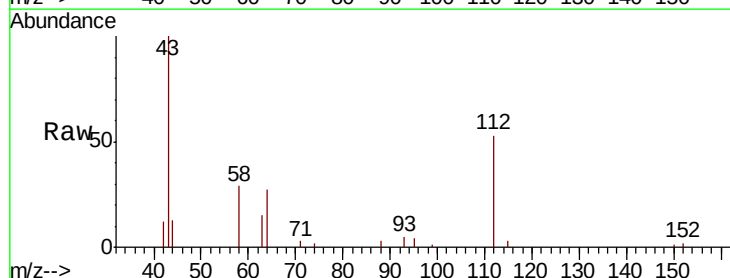
Tot Ion	Ratio	Lower	Upper
42	100		
74	168.7	109.0	163.4#
44	7.6	4.2	6.2#

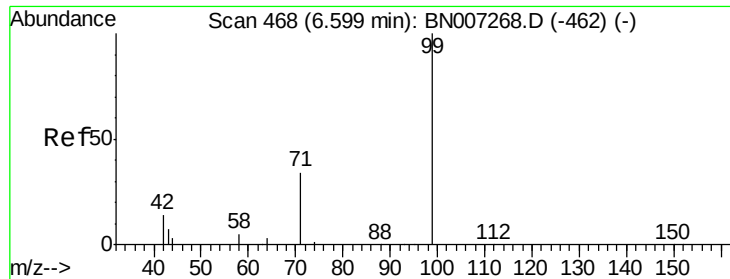


#4

2-Fluorophenol
 Concen: 0.292 ng
 RT: 5.04 min Scan# 275
 Delta R.T. 0.01 min
 Lab File: BN007306.D
 Acq: 22 Aug 2019 00:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.8	62.8
63	27.9	22.6	34.0





#5

Phenol-d6

Concen: 0.312 ng

RT: 6.61 min Scan# 469

Delta R.T. 0.01 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

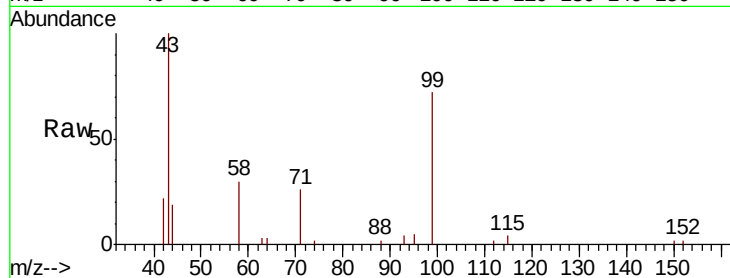
Tot Ion: 99 Resp: 5500

Ion Ratio Lower Upper

99 100

42 19.1 14.3 21.5

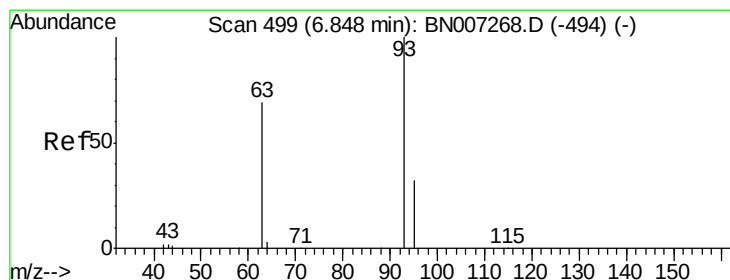
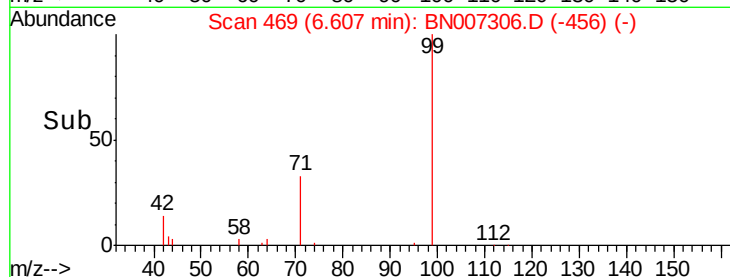
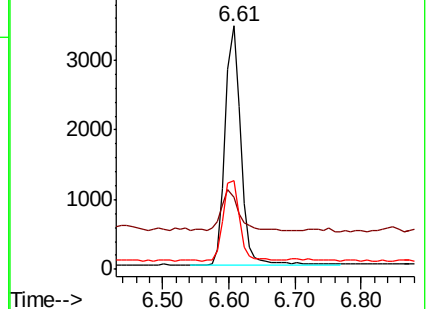
71 35.3 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007306.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007306.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007306.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.254 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

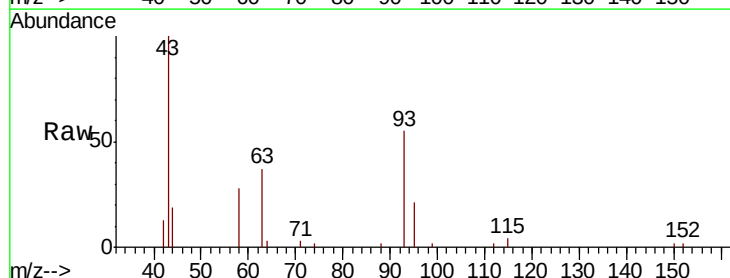
Tgt Ion: 93 Resp: 3732

Ion Ratio Lower Upper

93 100

63 67.9 54.4 81.6

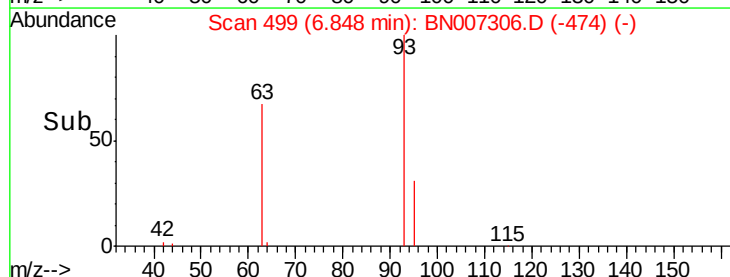
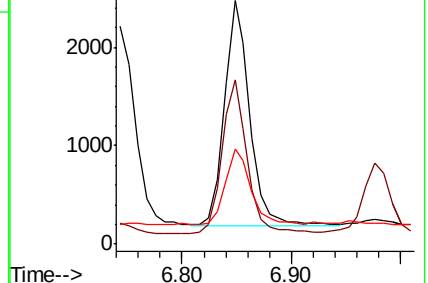
95 32.8 25.5 38.3

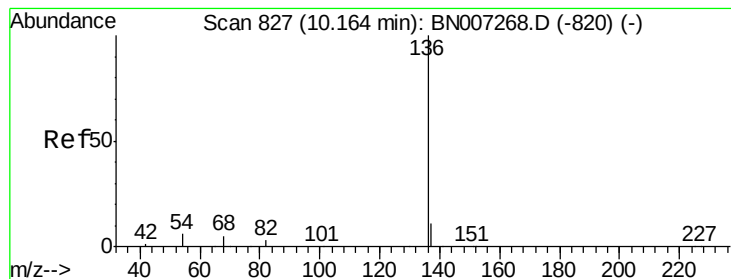


Abundance Ion 93.00 (92.70 to 93.70): BN007306.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007306.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007306.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 18280

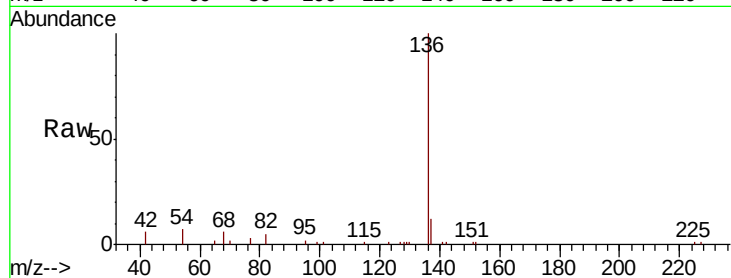
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.4 5.9 8.9

68 6.5 5.6 8.4

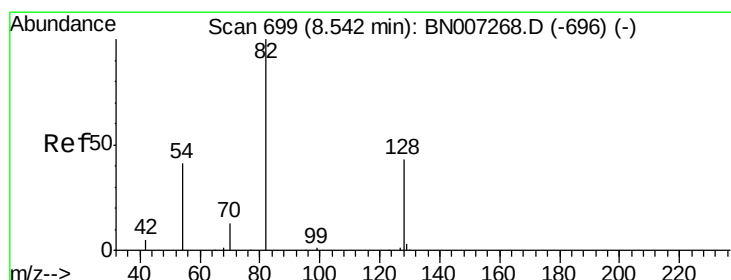
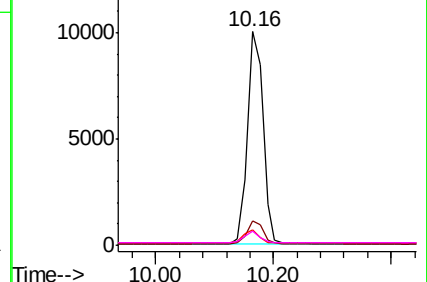
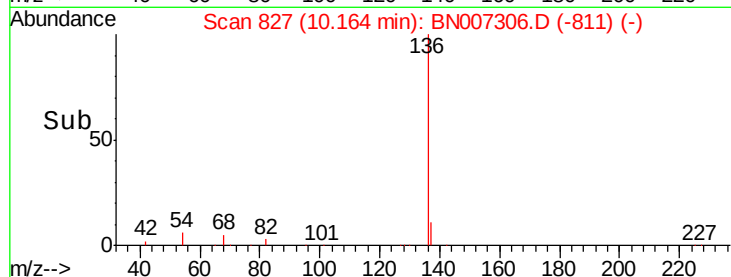


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.290 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

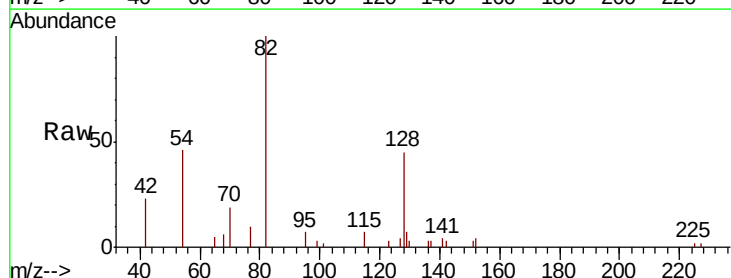
Tgt Ion: 82 Resp: 4073

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

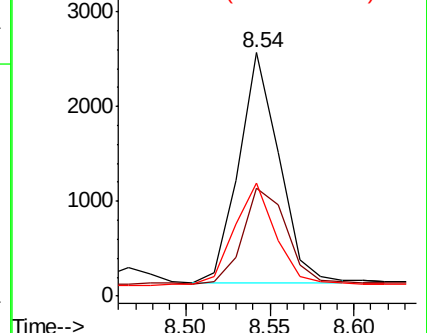
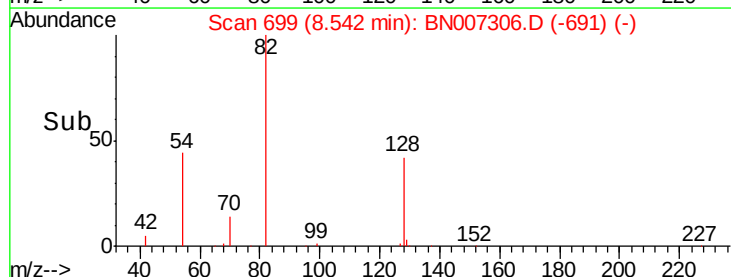
54 46.3 34.7 52.1

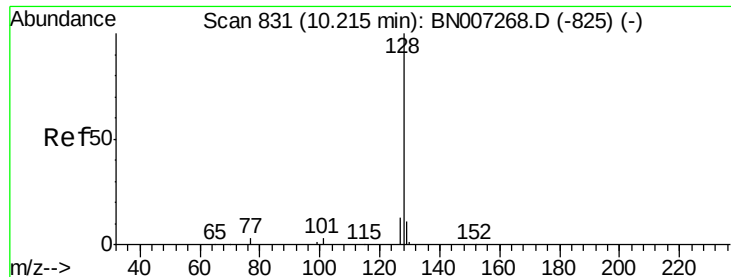


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.265 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampled :

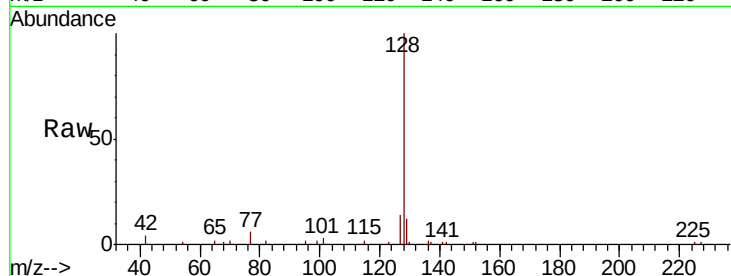
Tot Ion:128 Resp: 13740

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

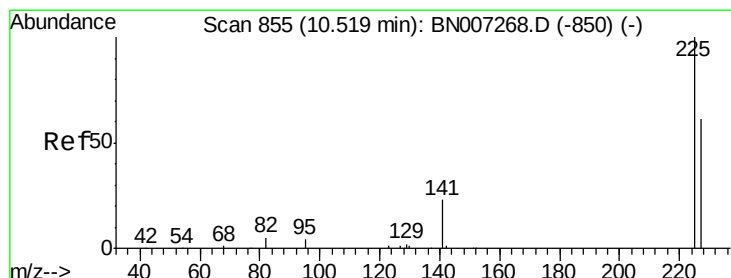
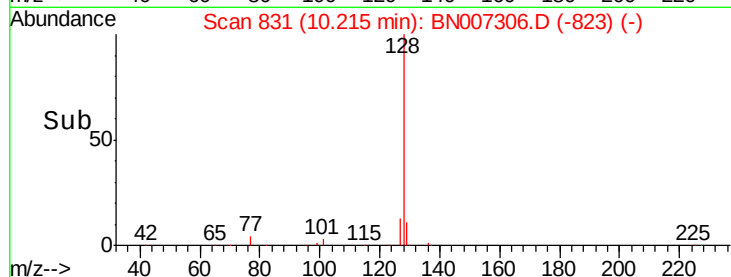
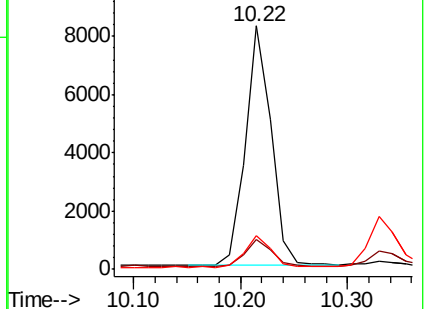
127 13.9 10.6 16.0



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: 0.267 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

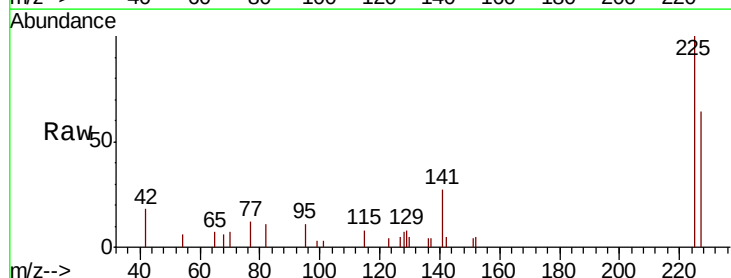
Tgt Ion:225 Resp: 3050

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

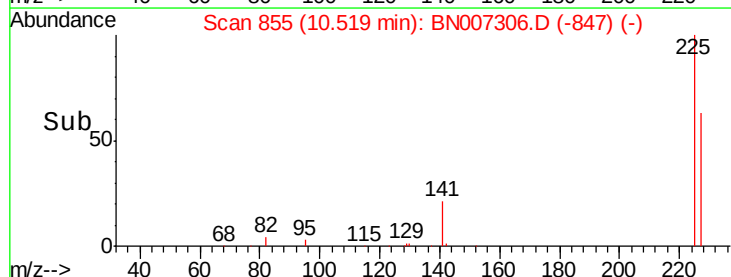
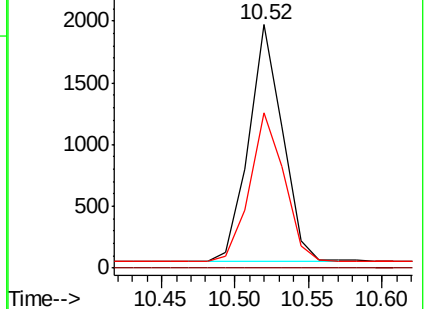
227 63.4 50.2 75.2

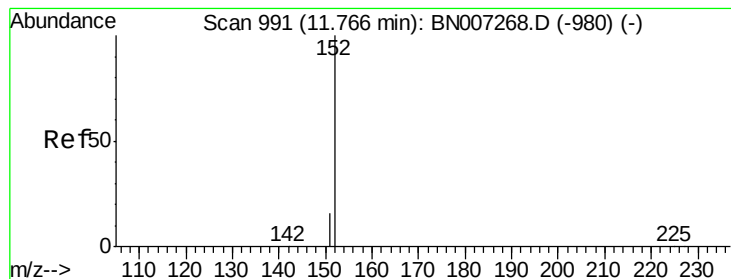


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 11.77 min Scan# 992

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

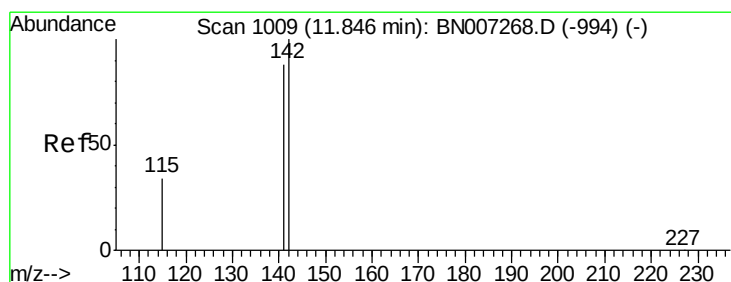
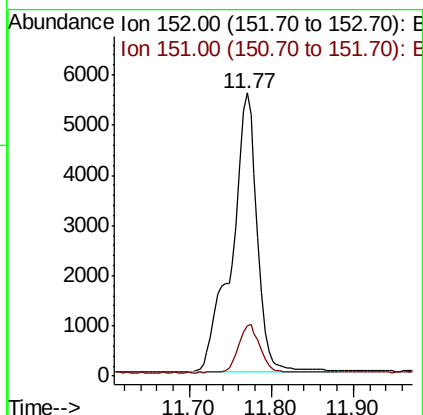
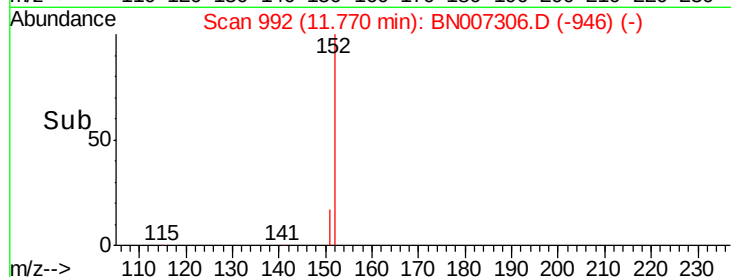
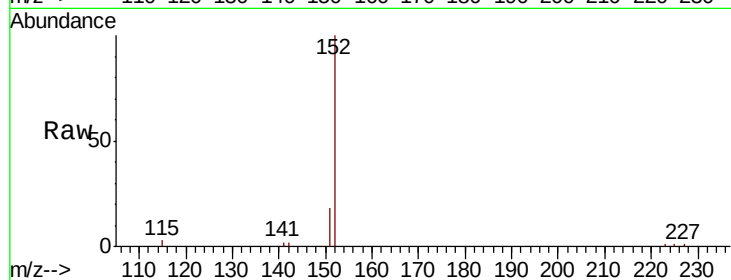
ClientSampleId :

Tot Ion:152 Resp: 11956

Ion Ratio Lower Upper

152 100

151 14.8 15.2 22.8#



#12

2-Methylnaphthalene

Concen: 0.269 ng

RT: 11.85 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

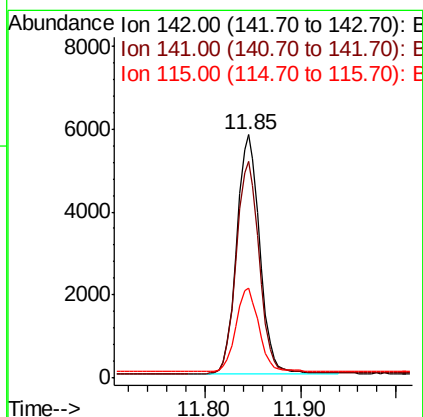
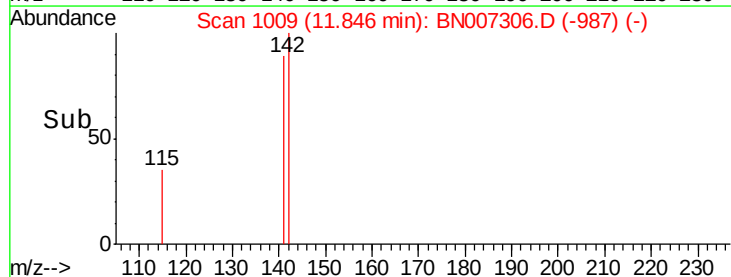
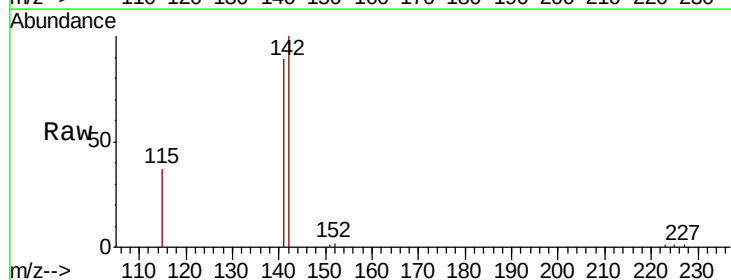
Tgt Ion:142 Resp: 9637

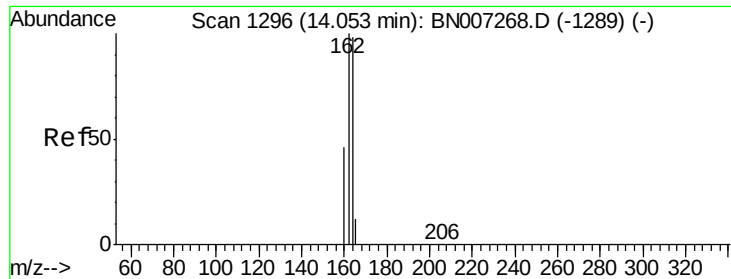
Ion Ratio Lower Upper

142 100

141 89.2 70.7 106.1

115 37.2 28.1 42.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

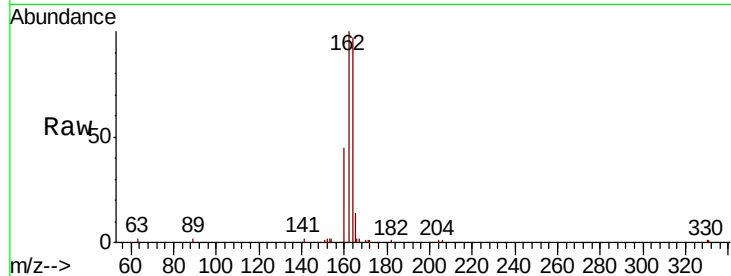
Tot Ion:164 Resp: 9762

Ion Ratio Lower Upper

164 100

162 103.3 82.0 123.0

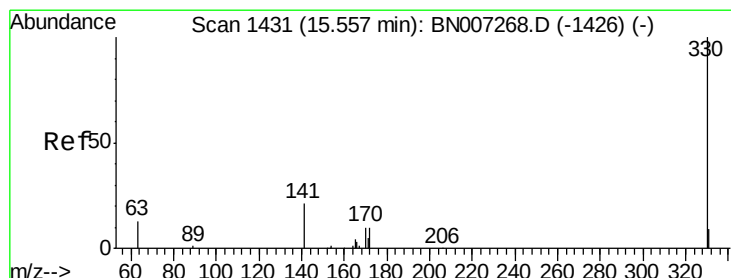
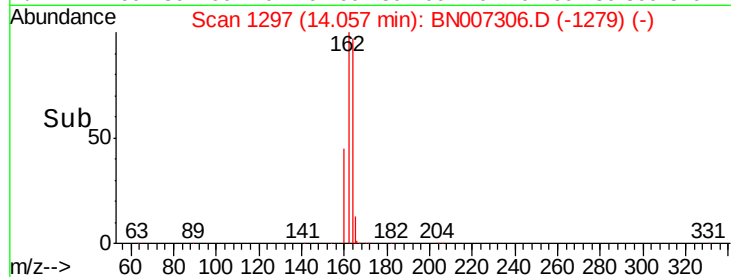
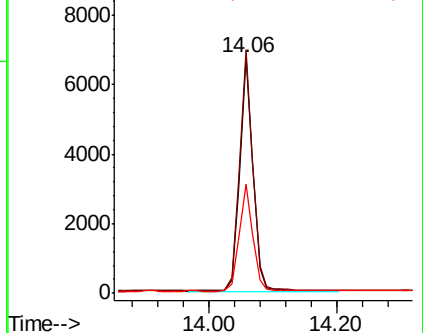
160 46.6 38.2 57.4



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: 0.295 ng

RT: 15.56 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

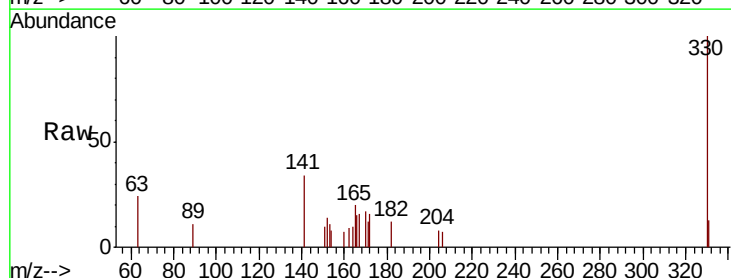
Tgt Ion:330 Resp: 1619

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

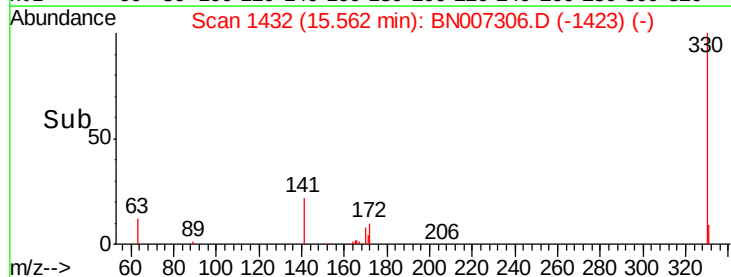
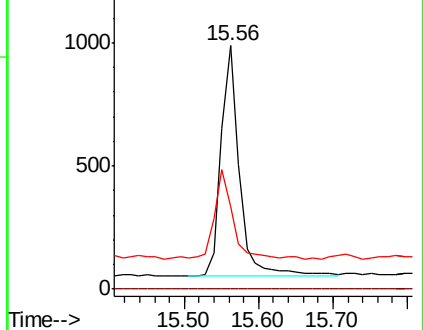
141 35.9 30.3 45.5

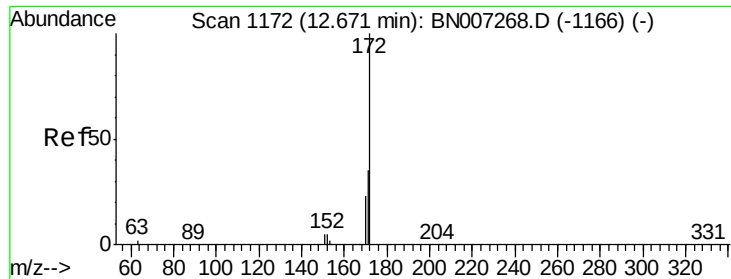


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

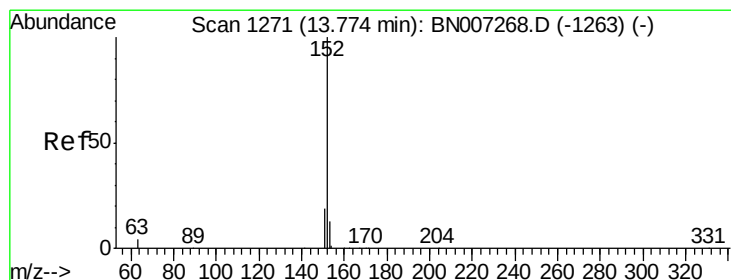
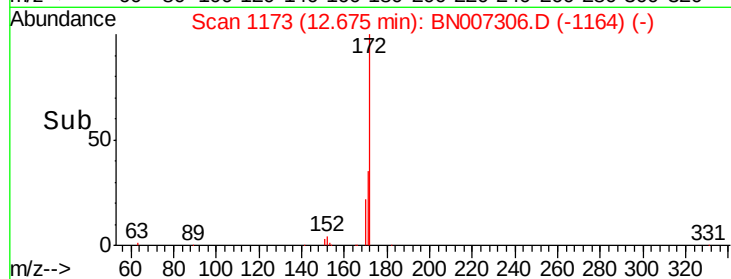
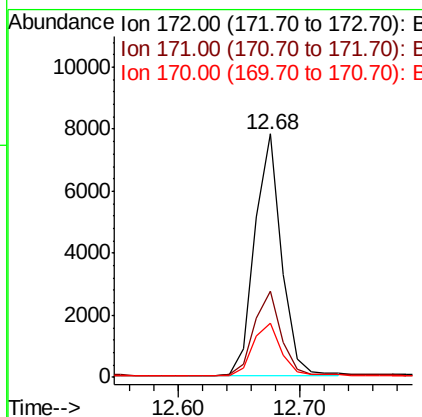
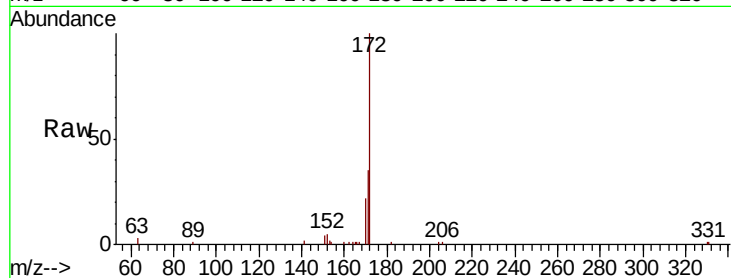




#15
 2-Fluorobiphenyl
 Concen: 0.286 ng
 RT: 12.68 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BN007306.D
 Acq: 22 Aug 2019 00:47

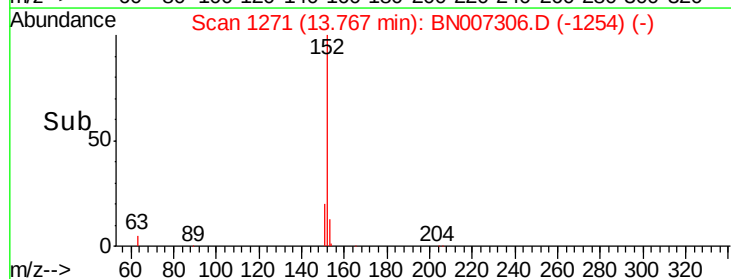
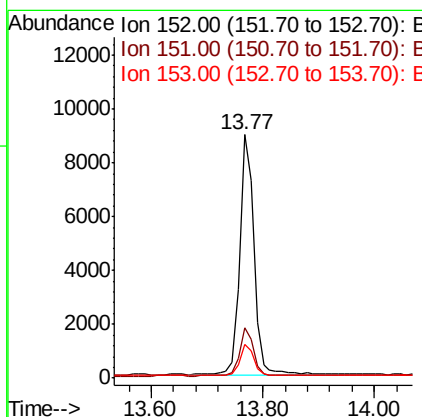
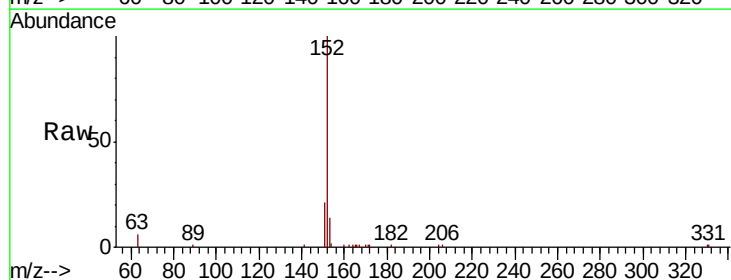
Instrument :
 BNA_N
 ClientSampled :

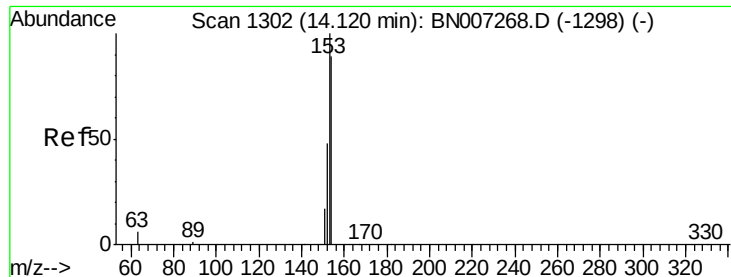
Tot Ion:172 Resp: 11981
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 22.4 18.7 28.1



#16
 Acenaphthylene
 Concen: 0.299 ng
 RT: 13.77 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BN007306.D
 Acq: 22 Aug 2019 00:47

Tgt Ion:152 Resp: 15501
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.4 23.2
 153 13.2 10.1 15.1





#17

Acenaphthene

Concen: 0.263 ng

RT: 14.12 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

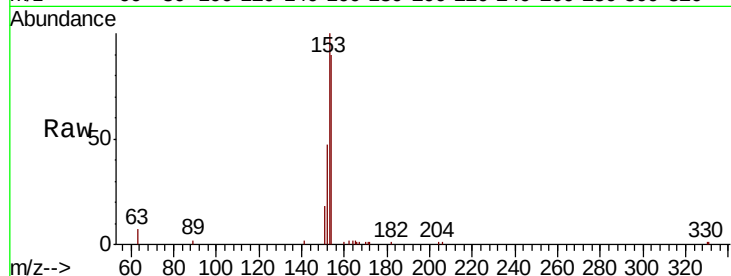
Tot Ion:154 Resp: 8691

Ion Ratio Lower Upper

154 100

153 113.0 89.9 134.9

152 54.1 43.9 65.9

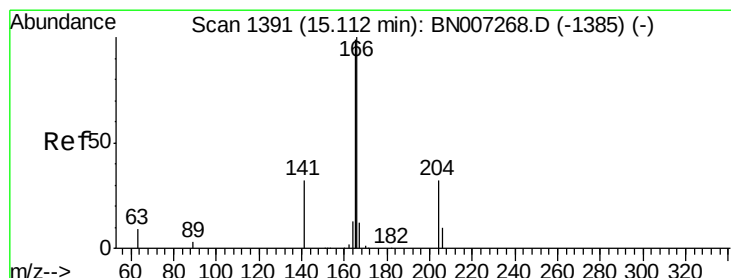
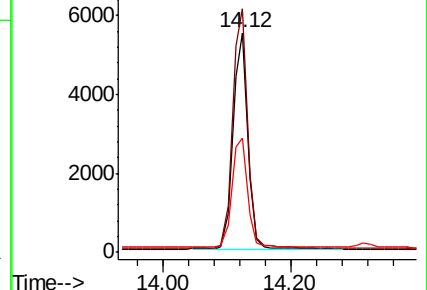
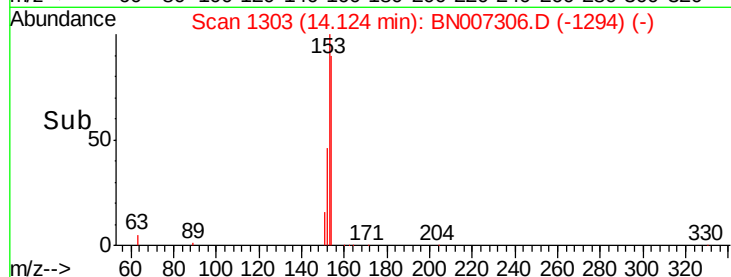


Abundance

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: 0.280 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

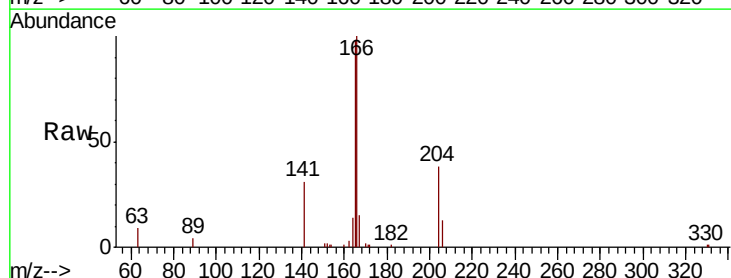
Tgt Ion:166 Resp: 12067

Ion Ratio Lower Upper

166 100

165 98.7 78.3 117.5

167 12.8 11.1 16.7

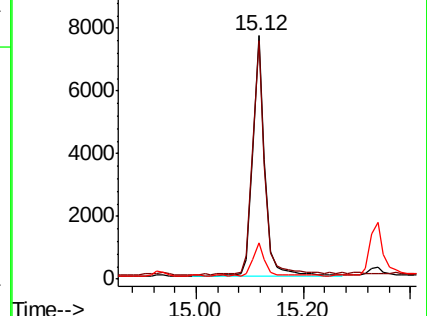
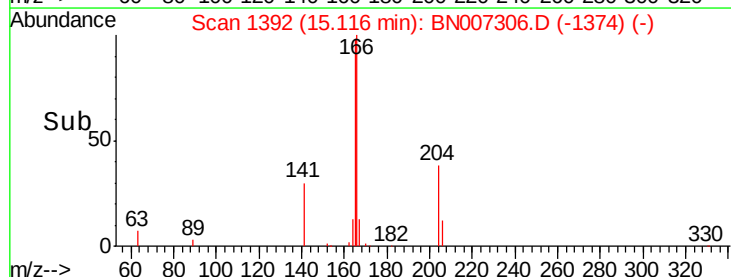


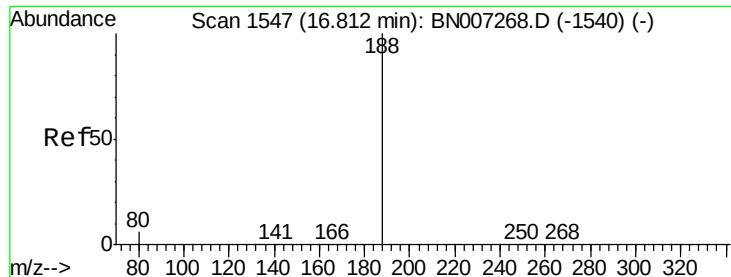
Abundance

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: 16.82 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

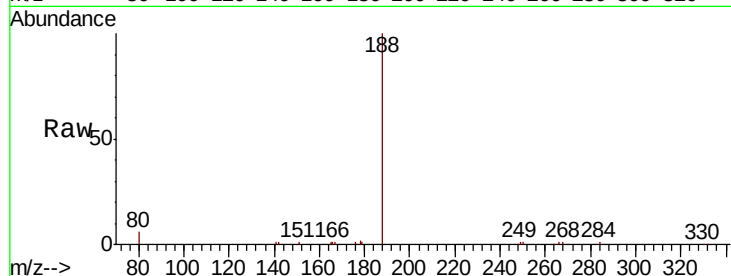
Tot Ion:188 Resp: 22178

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

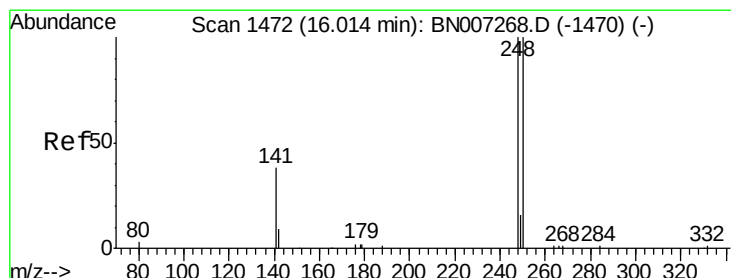
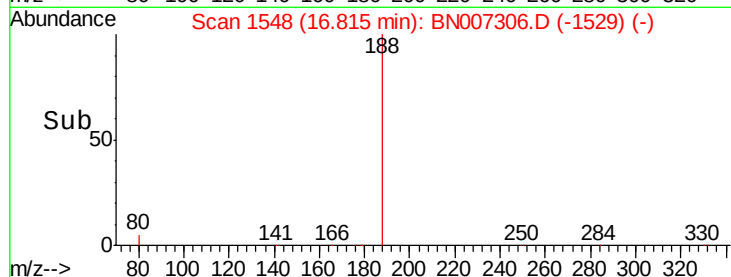
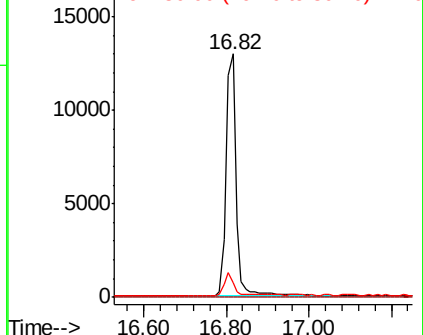
80 6.2 5.2 7.8



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: 0.293 ng

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

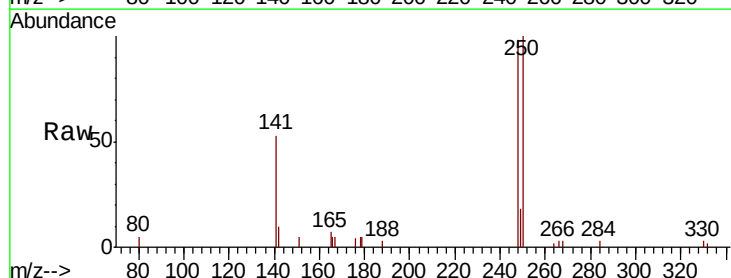
Tgt Ion:248 Resp: 3728

Ion Ratio Lower Upper

248 100

250 101.7 79.6 119.4

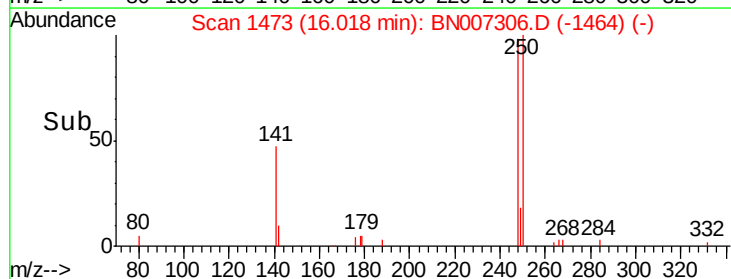
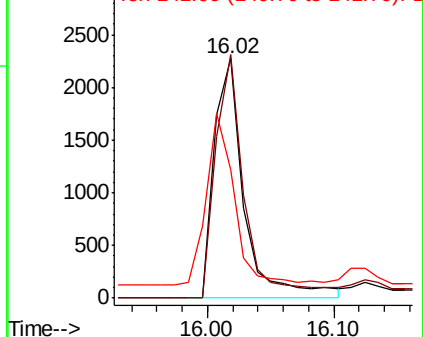
141 53.8 45.1 67.7

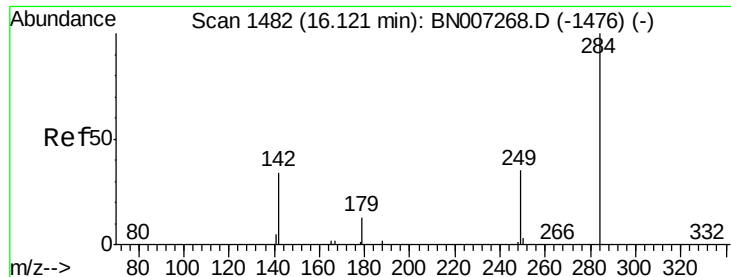


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

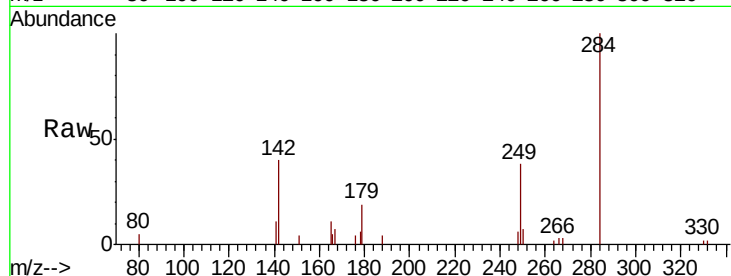




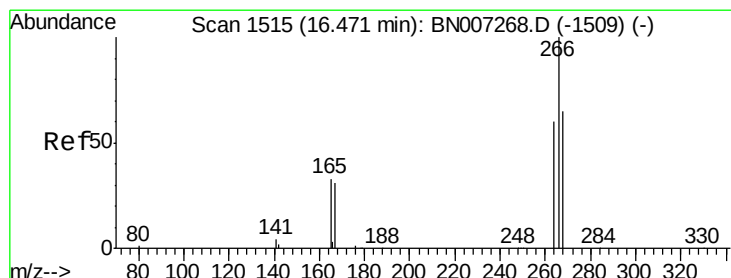
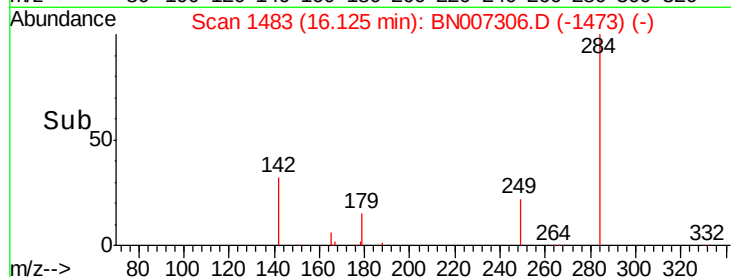
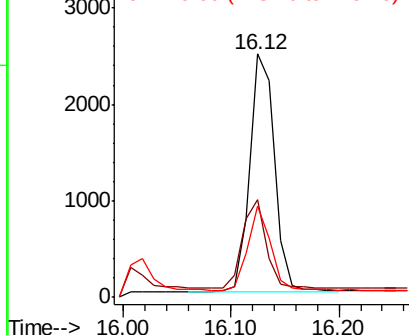
#21
Hexachlorobenzene
Concen: 0.267 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 3924
Ion Ratio Lower Upper
284 100
142 35.4 29.5 44.3
249 32.1 26.2 39.4

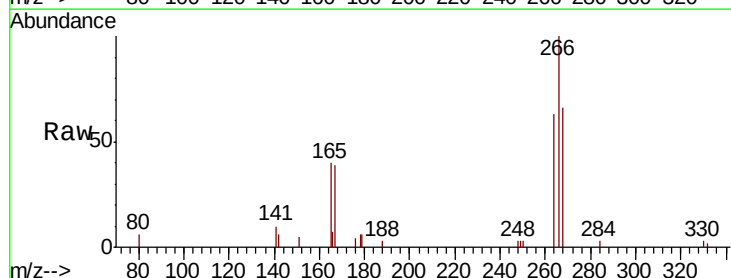


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

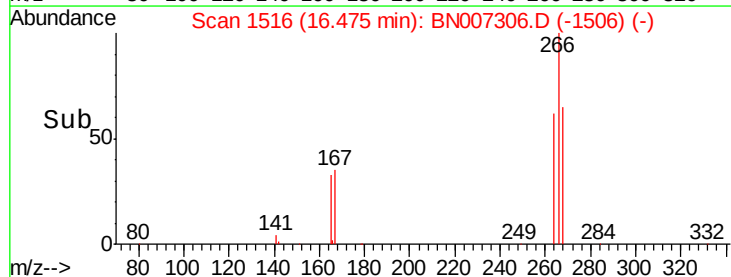
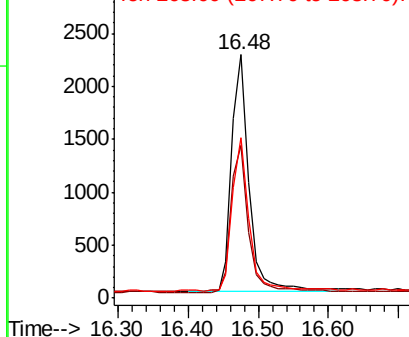


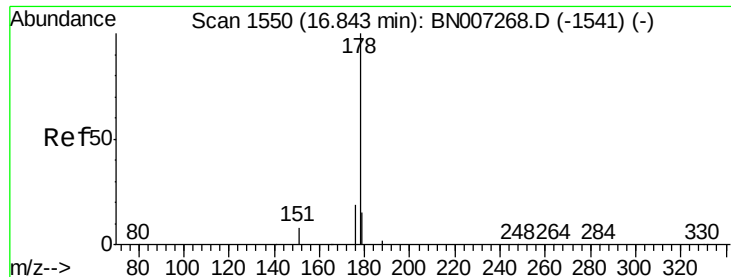
#22
Pentachlorophenol
Concen: 0.643 ng
RT: 16.48 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:266 Resp: 3795
Ion Ratio Lower Upper
266 100
264 62.9 48.7 73.1
268 65.8 53.5 80.3



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: 0.297 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

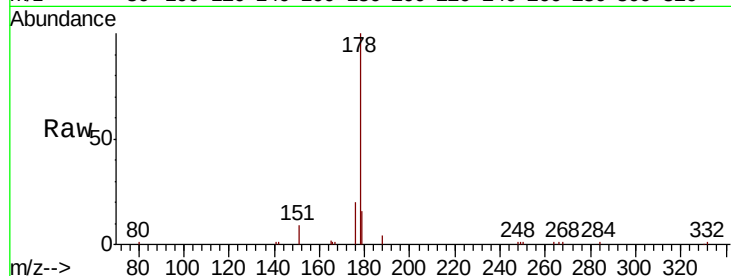
Tot Ion:178 Resp: 20679

Ion Ratio Lower Upper

178 100

176 19.9 15.2 22.8

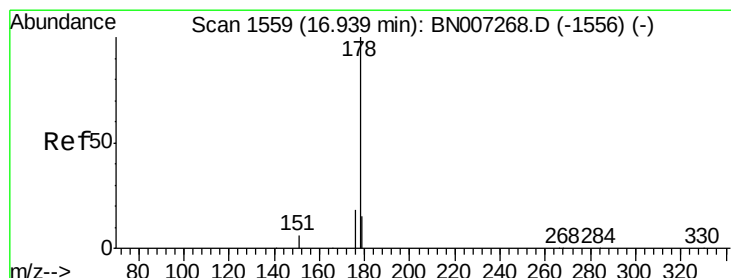
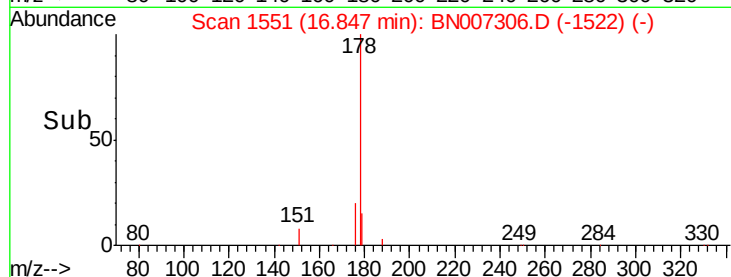
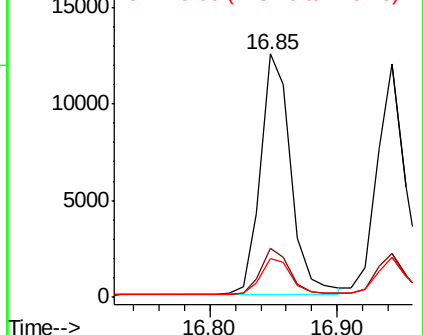
179 15.7 12.3 18.5



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: 0.307 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

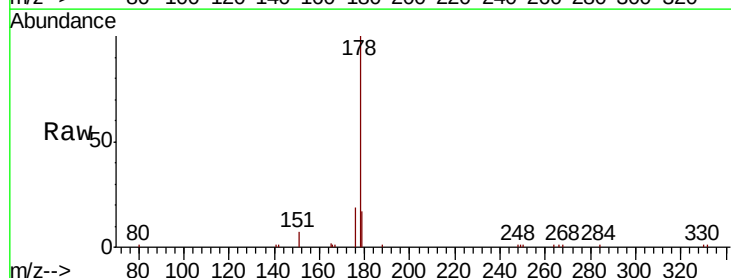
Tgt Ion:178 Resp: 19235

Ion Ratio Lower Upper

178 100

176 18.0 14.3 21.5

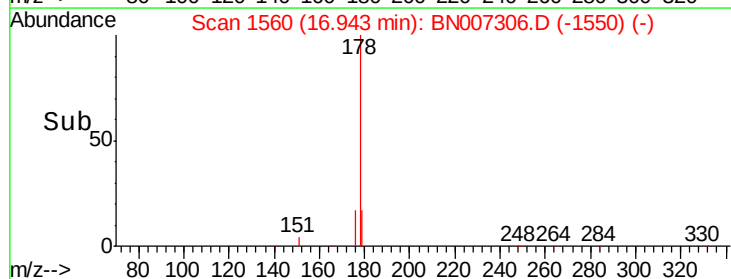
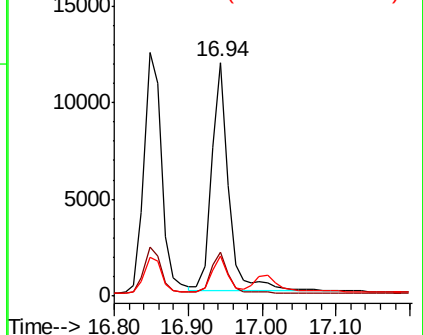
179 14.4 12.3 18.5

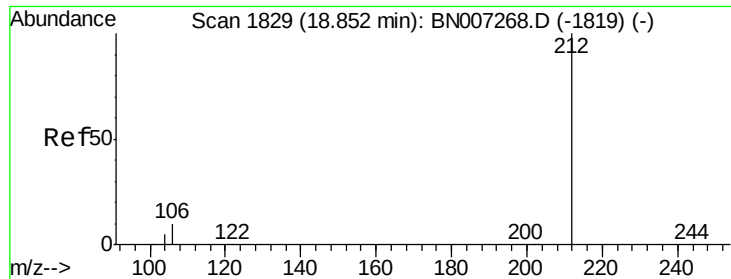


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.315 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

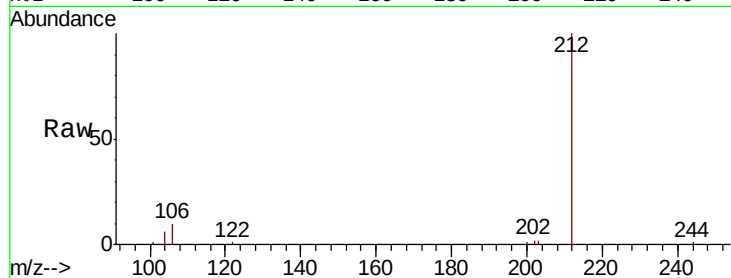
Tot Ion:212 Resp: 22131

Ion Ratio Lower Upper

212 100

106 10.1 8.2 12.4

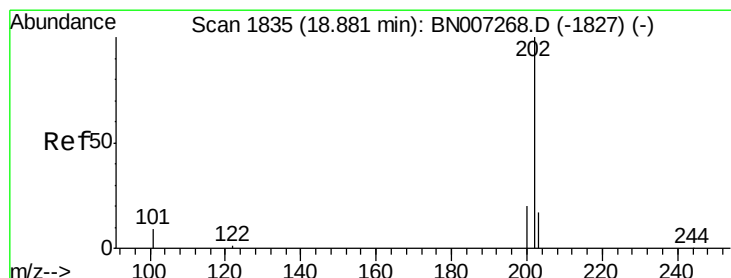
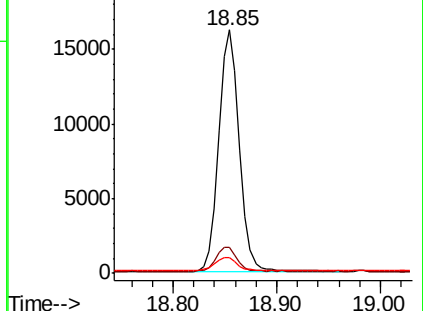
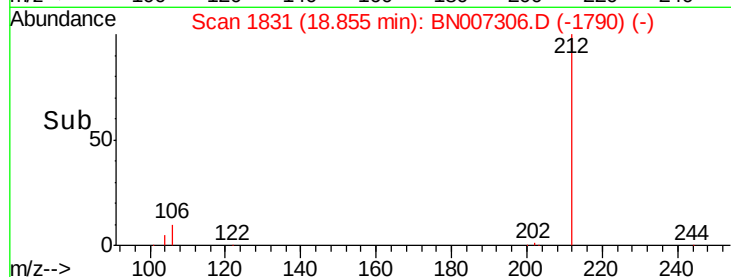
104 5.7 4.7 7.1



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: 0.372 ng

RT: 18.88 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

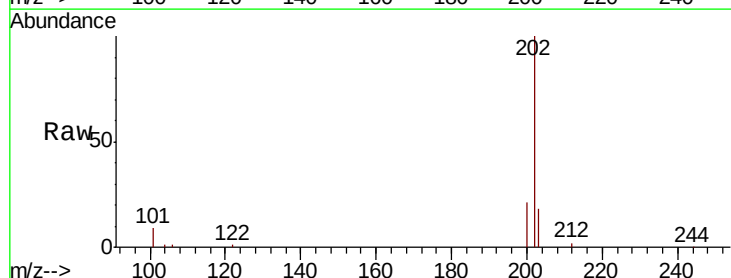
Tgt Ion:202 Resp: 31360

Ion Ratio Lower Upper

202 100

101 8.5 7.2 10.8

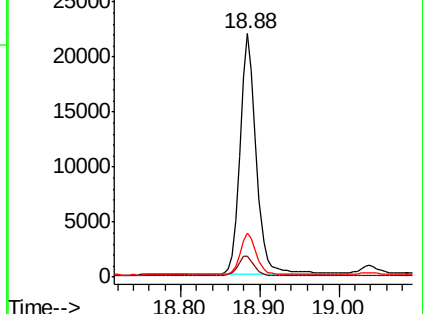
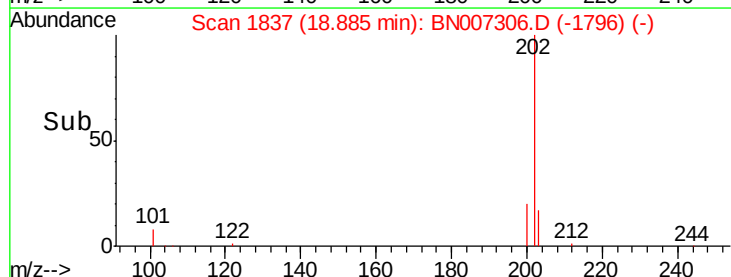
203 16.8 13.8 20.6

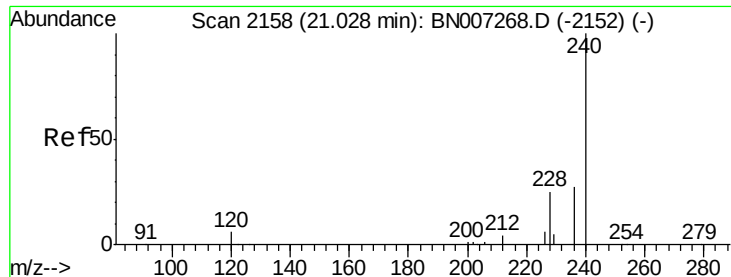


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.03 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampled :

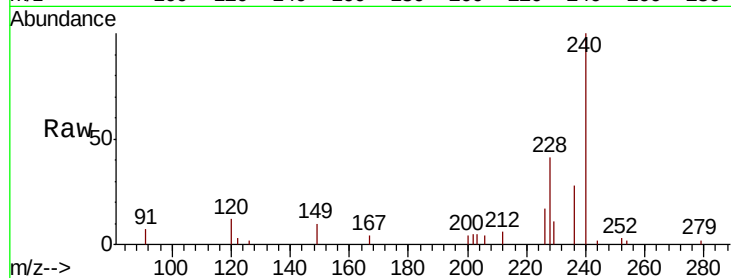
Tot Ion:240 Resp: 25111

Ion Ratio Lower Upper

240 100

120 12.2 5.6 8.4#

236 28.2 21.6 32.4

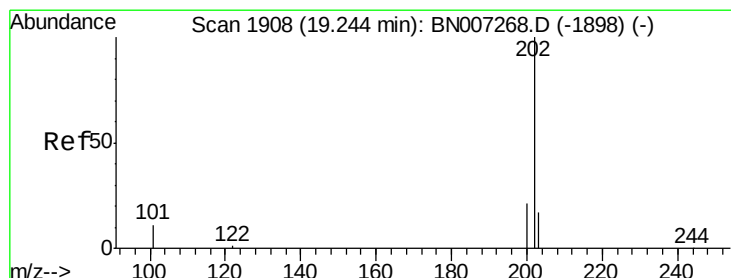
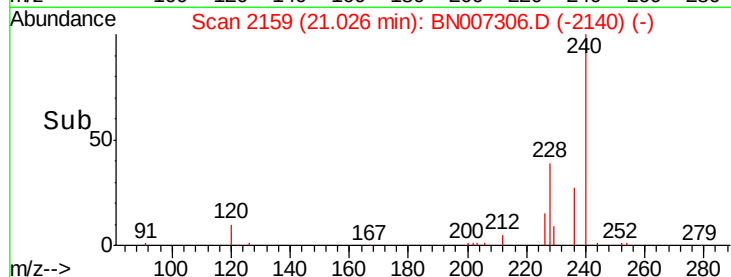
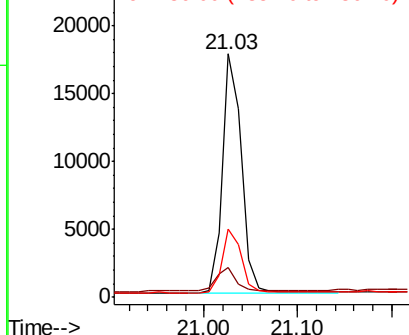


Abundance

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: 0.329 ng

RT: 19.25 min Scan# 1911

Delta R.T. 0.01 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

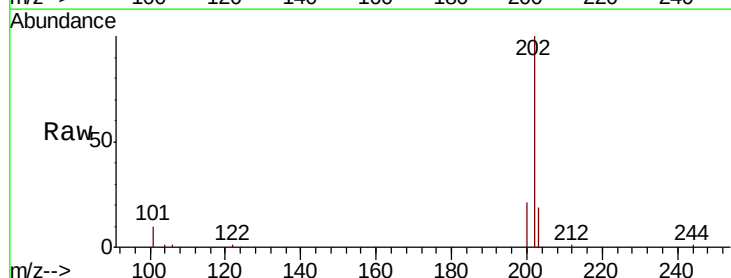
Tgt Ion:202 Resp: 30902

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 18.7 13.9 20.9

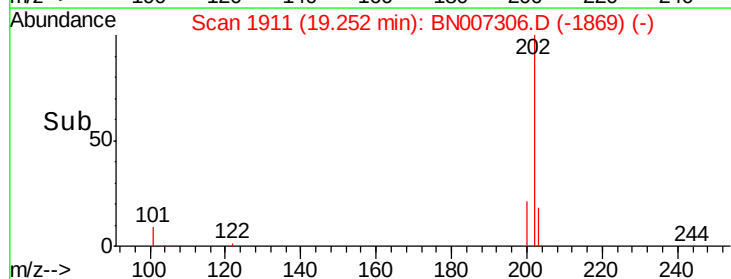
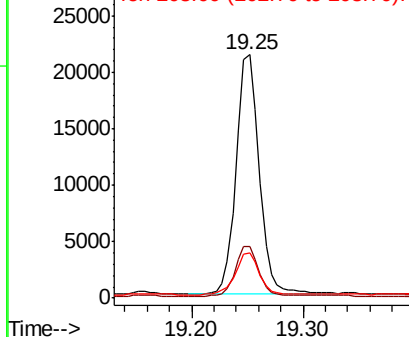


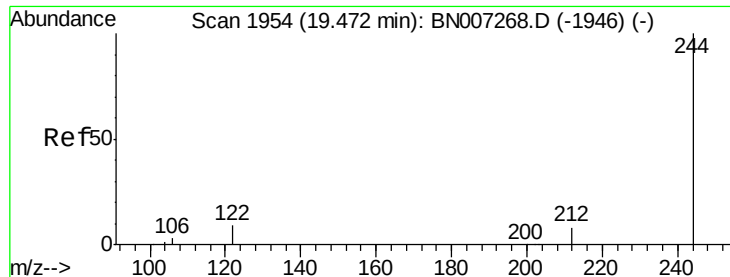
Abundance

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: 0.274 ng

RT: 19.48 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

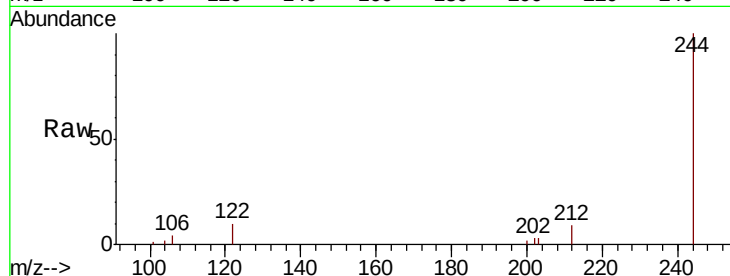
Tot Ion:244 Resp: 17204

Ion Ratio Lower Upper

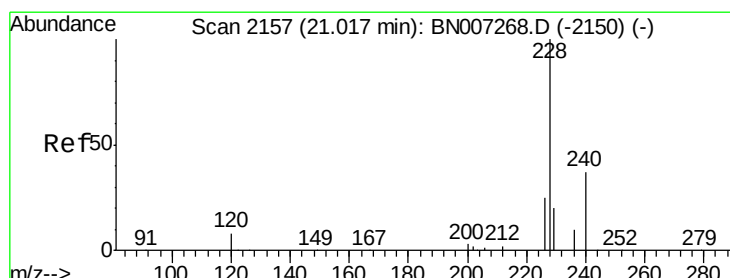
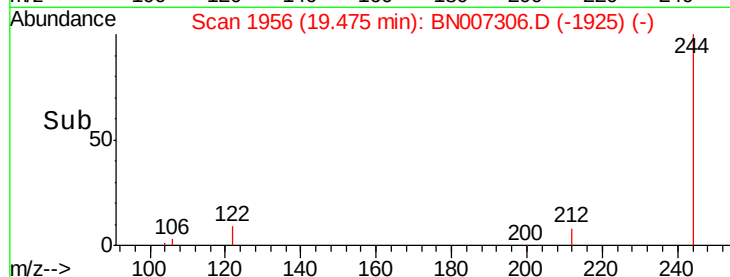
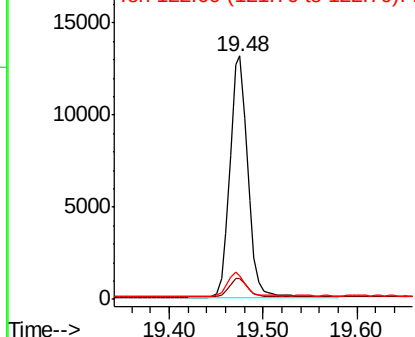
244 100

212 8.7 6.5 9.7

122 9.8 7.9 11.9



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: 0.295 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

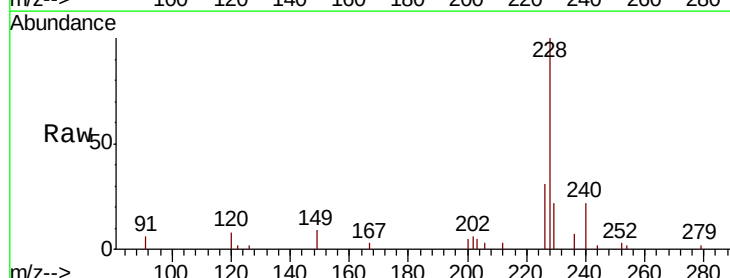
Tgt Ion:228 Resp: 27589

Ion Ratio Lower Upper

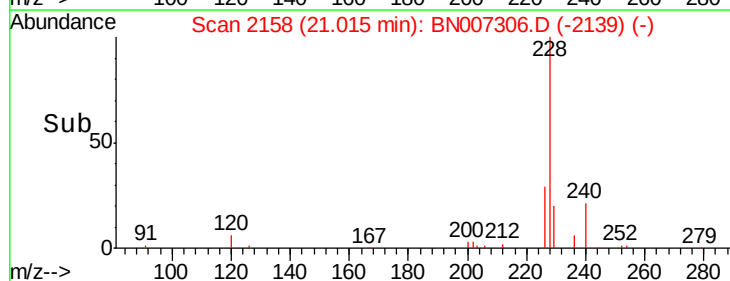
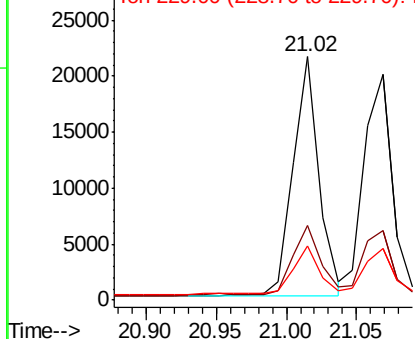
228 100

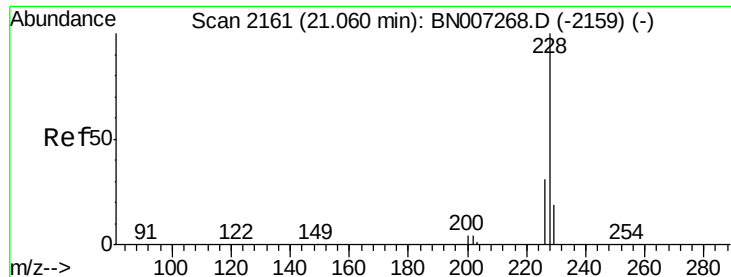
226 30.5 20.6 30.8

229 22.0 16.9 25.3



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: 0.285 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

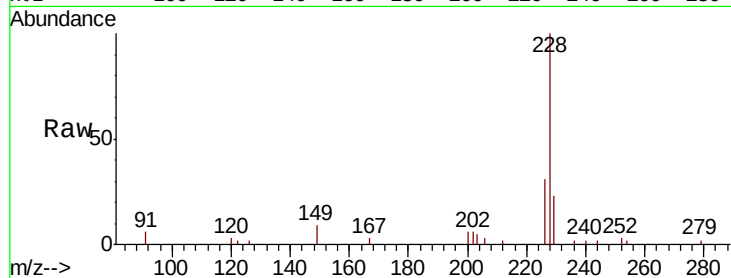
Tot Ion:228 Resp: 27121

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

229 22.6 15.6 23.4

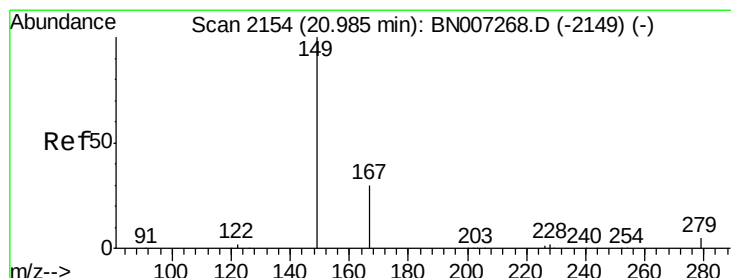
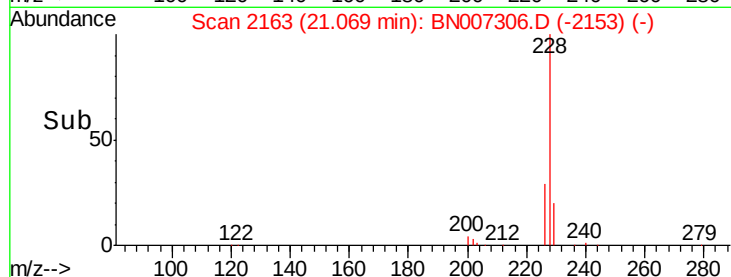
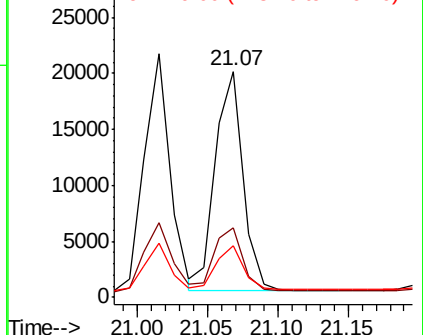


Abundance

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: 0.512 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

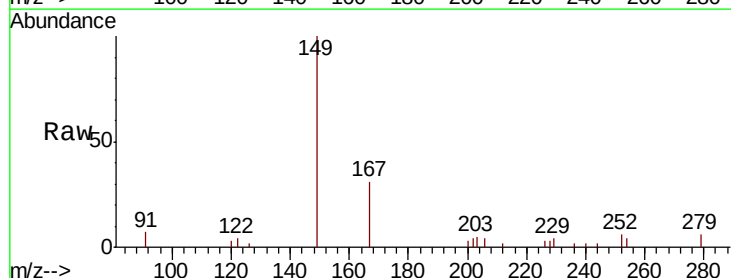
Tgt Ion:149 Resp: 19111

Ion Ratio Lower Upper

149 100

167 30.8 23.8 35.6

279 4.9 3.8 5.8

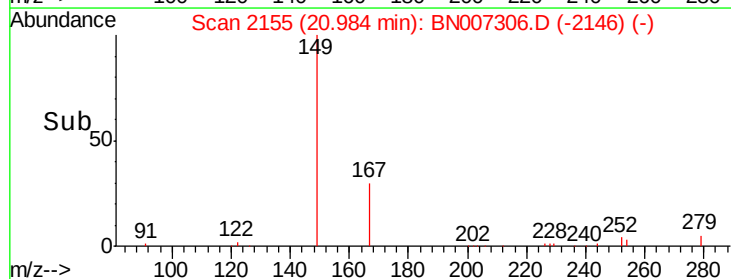
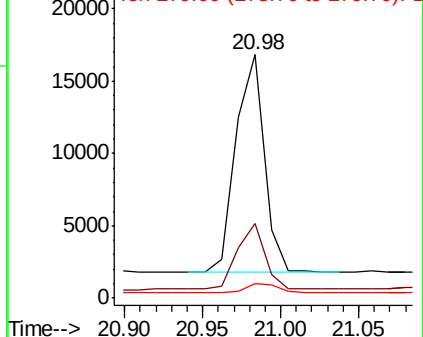


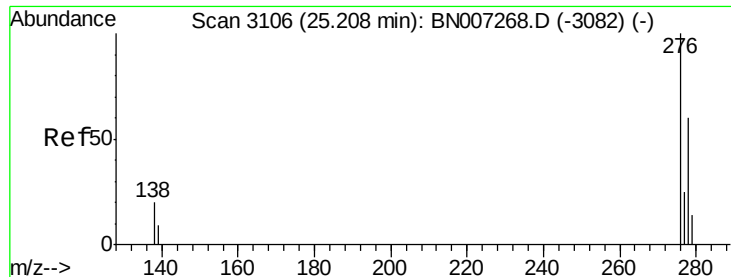
Abundance

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

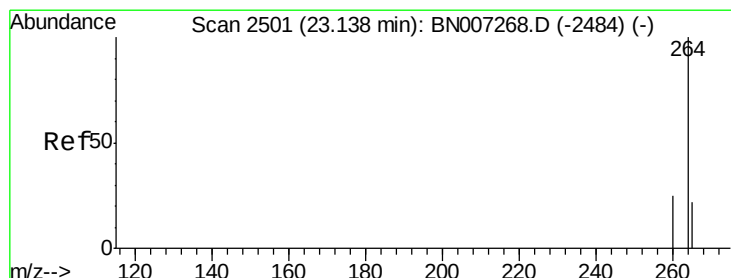
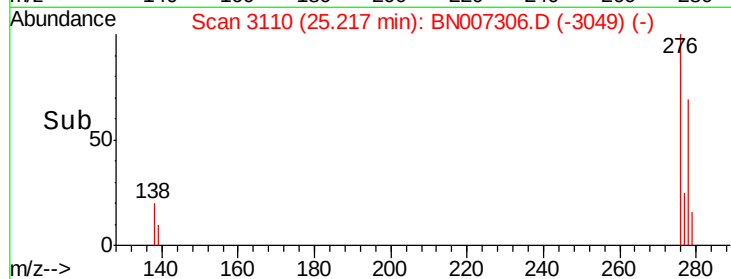
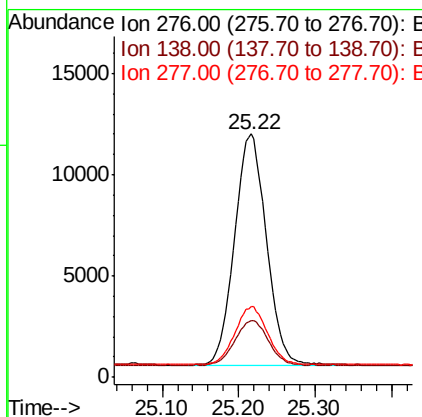
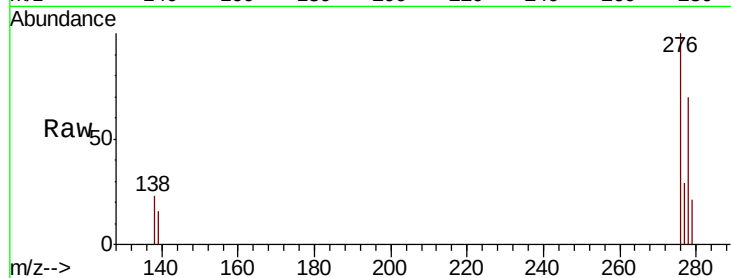




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng
RT: 25.22 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

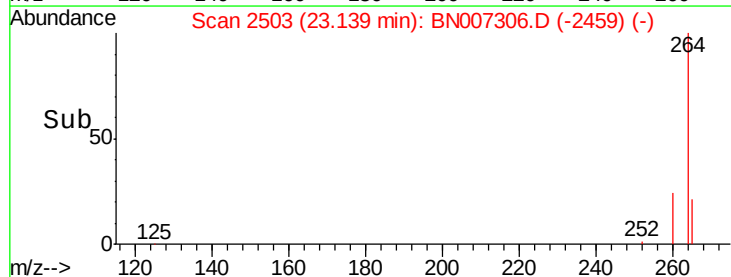
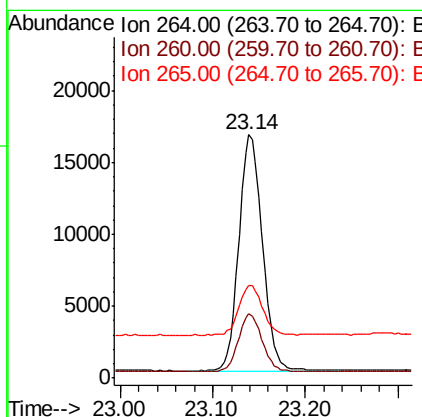
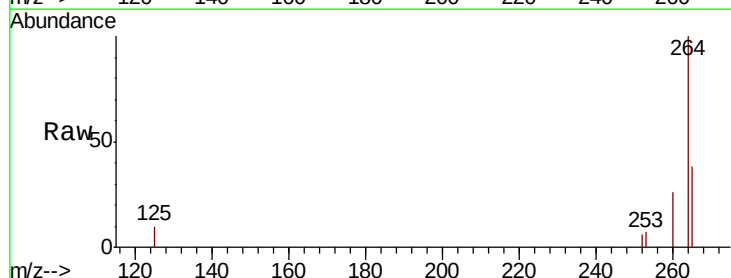
Instrument :
BNA_N
ClientSampleId :

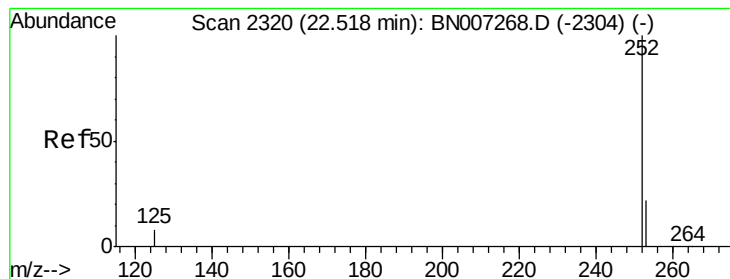
Tot Ion:276 Resp: 32938
Ion Ratio Lower Upper
276 100
138 20.2 17.1 25.7
277 25.0 20.1 30.1



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BN007306.D
Acq: 22 Aug 2019 00:47

Tgt Ion:264 Resp: 28988
Ion Ratio Lower Upper
264 100
260 26.3 20.1 30.1
265 38.1 29.0 43.6





#35

Benzo(b)fluoranthene

Concen: 0.257 ng

RT: 22.52 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

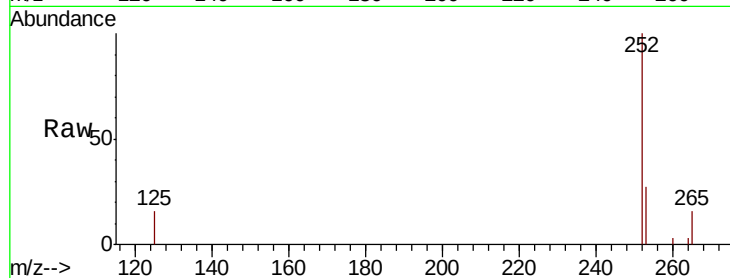
Tot Ion:252 Resp: 27786

Ion Ratio Lower Upper

252 100

253 27.1 18.5 27.7

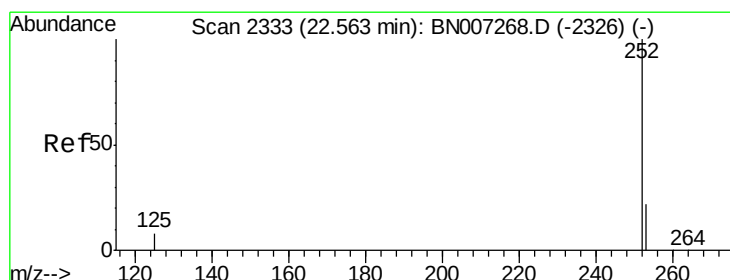
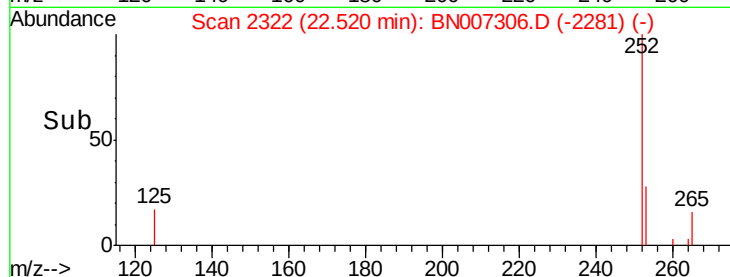
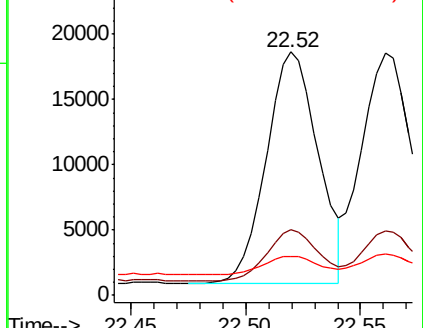
125 16.2 7.8 11.6#



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: 0.261 ng

RT: 22.56 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

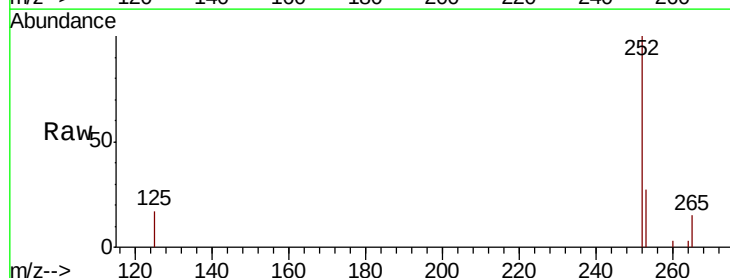
Tgt Ion:252 Resp: 27623

Ion Ratio Lower Upper

252 100

253 26.7 18.4 27.6

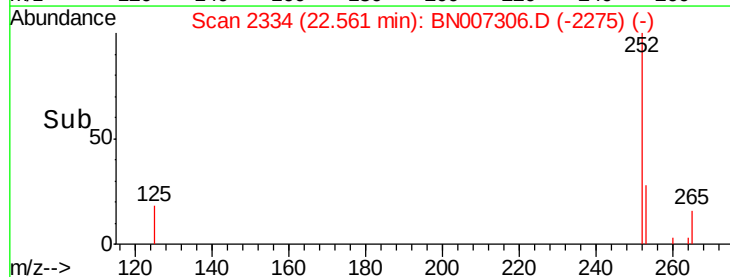
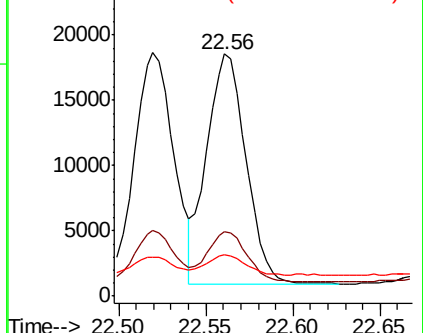
125 16.8 8.0 12.0#

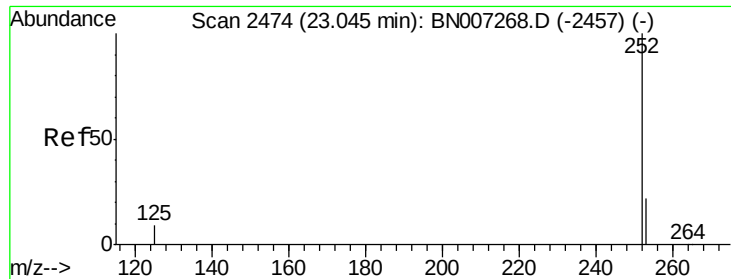


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.294 ng

RT: 23.05 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :

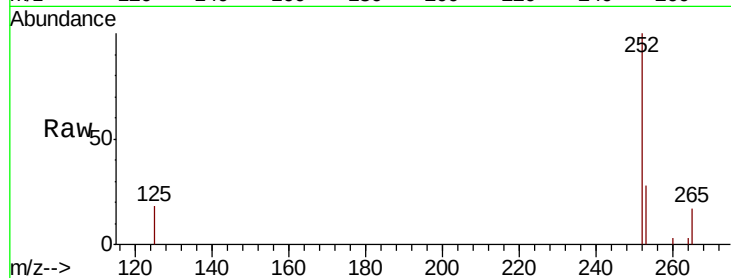
Tot Ion:252 Resp: 28647

Ion Ratio Lower Upper

252 100

253 27.6 18.7 28.1

125 18.0 8.7 13.1#

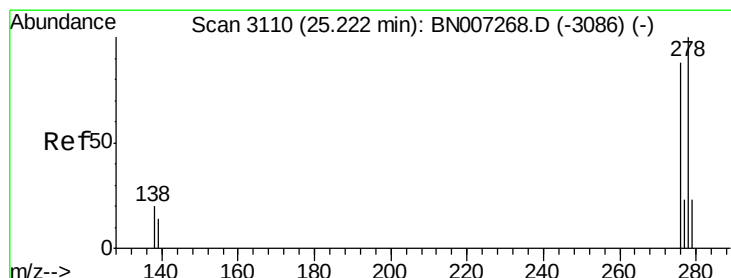
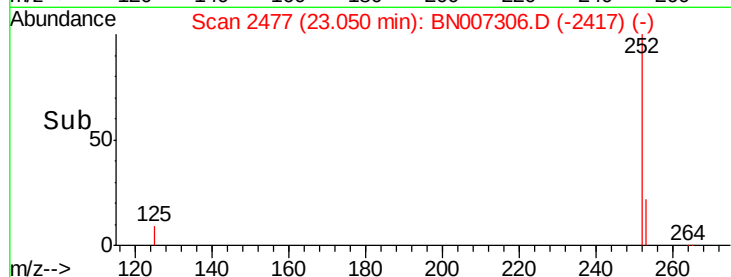
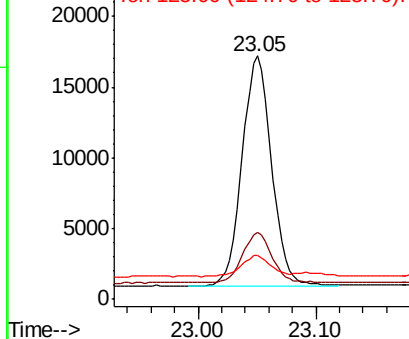


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.262 ng

RT: 25.23 min Scan# 3113

Delta R.T. 0.01 min

Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

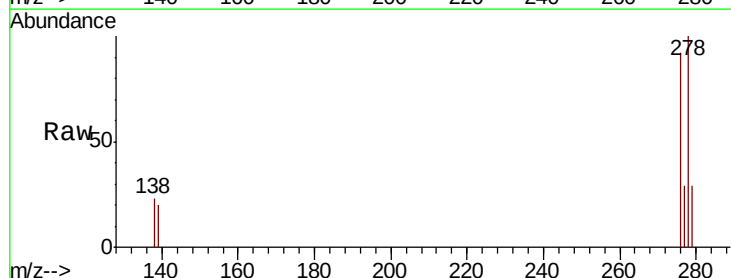
Tgt Ion:278 Resp: 26810

Ion Ratio Lower Upper

278 100

139 20.0 11.8 17.8#

279 28.8 19.8 29.6

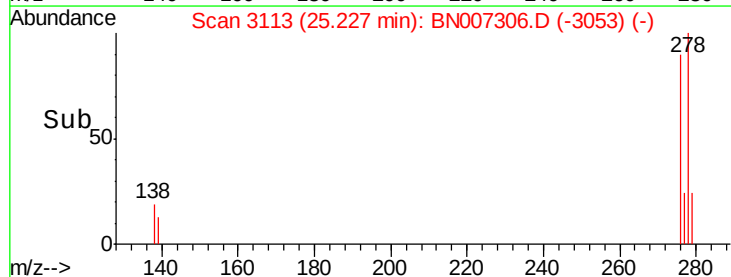
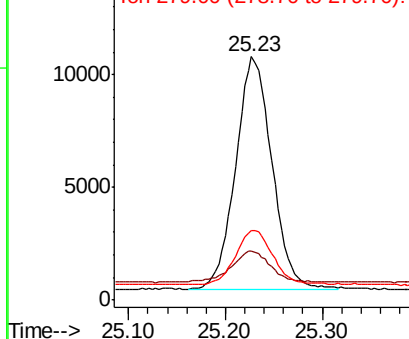


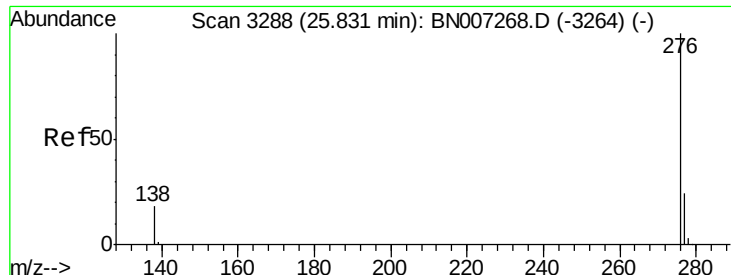
Abundance

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: 0.273 ng

RT: 25.84 min Scan# 3292

Delta R.T. 0.01 min

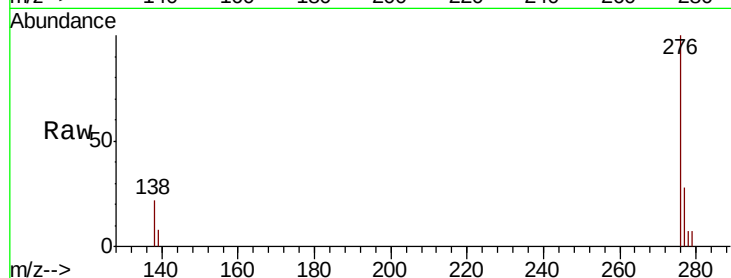
Lab File: BN007306.D

Acq: 22 Aug 2019 00:47

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 28275

Ion Ratio Lower Upper

276 100

277 27.8 19.5 29.3

138 21.8 15.3 22.9

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

