

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006640.D
 Acq On : 29 Jun 2019 07:23
 Operator : HP/JU
 Sample : PB120801BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB120801BS

Quant Time: Jul 01 08:14:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3648	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	14646	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	9008	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	21609	0.40	ng	0.00
27) Chrysene-d12	21.26	240	20387	0.40	ng	-0.01
34) Perylene-d12	23.50	264	19141	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3723	0.42	ng	0.00
5) Phenol-d6	6.84	99	5095	0.43	ng	0.00
8) Nitrobenzene-d5	8.79	82	4147	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.01	152	13300	0.58	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1451	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	15651	0.47	ng	0.00
25) Fluoranthene-d10	19.08	212	27092	0.43	ng	0.00
29) Terphenyl-d14	19.68	244	21294	0.50	ng	0.00

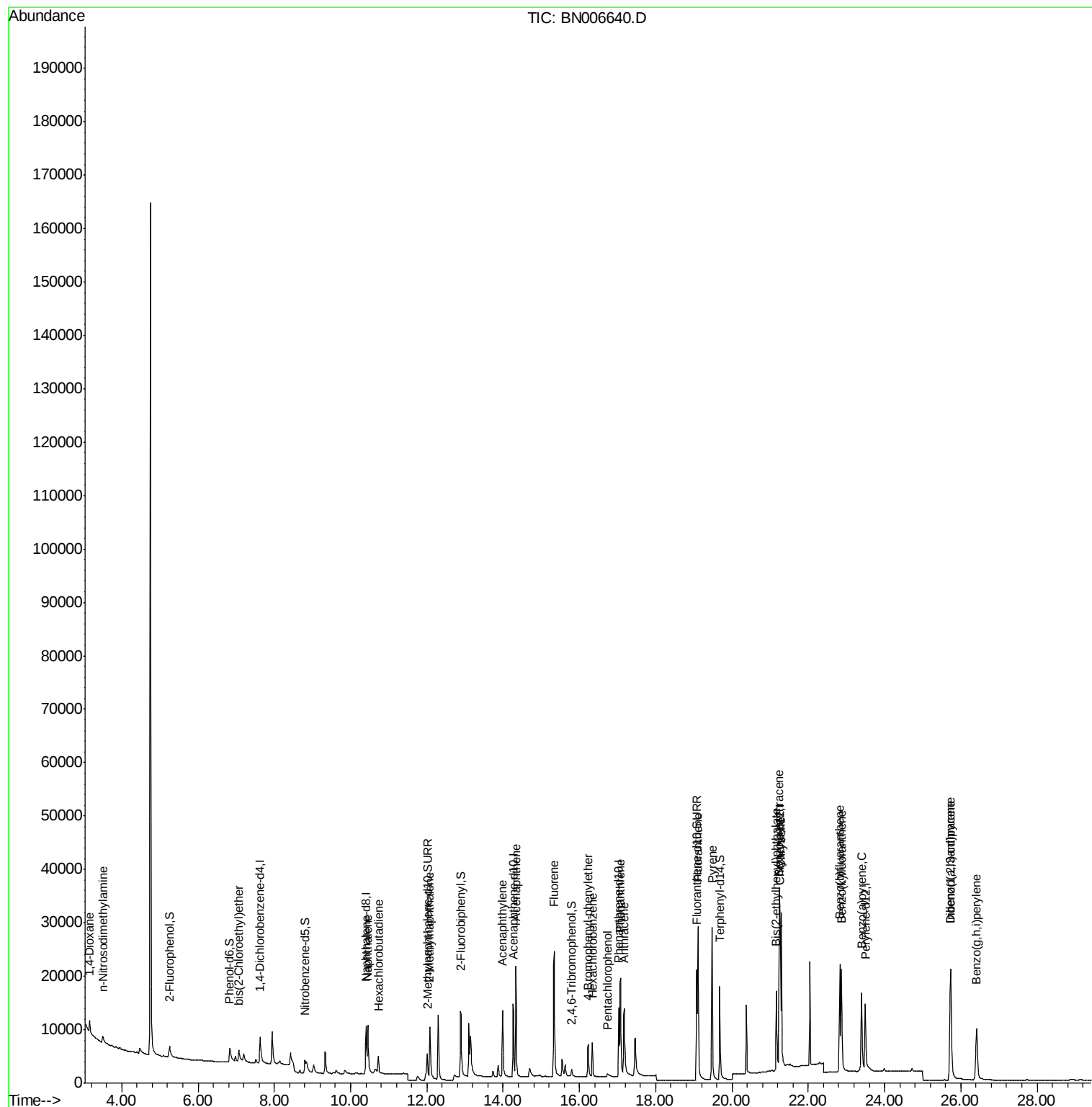
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	1340	0.265	ng	# 48
3) n-Nitrosodimethylamine	3.50	42	1292	0.326	ng	# 97
6) bis(2-Chloroethyl)ether	7.06	93	3466	0.328	ng	94
9) Naphthalene	10.45	128	15201	0.395	ng	99
10) Hexachlorobutadiene	10.73	225	2885	0.365	ng	# 99
12) 2-Methylnaphthalene	12.08	142	10454	0.393	ng	100
16) Acenaphthylene	13.99	152	16171	0.377	ng	99
17) Acenaphthene	14.33	154	10957	0.387	ng	100
18) Fluorene	15.34	166	14100	0.395	ng	100
20) 4-Bromophenyl-phenylether	16.23	248	4356	0.364	ng	98
21) Hexachlorobenzene	16.34	284	5576	0.369	ng	100
22) Pentachlorophenol	16.74	266	897	0.452	ng	99
23) Phenanthrene	17.08	178	23677	0.385	ng	100
24) Anthracene	17.17	178	19865	0.373	ng	100
26) Fluoranthene	19.11	202	29614	0.397	ng	100
28) Pyrene	19.48	202	30487	0.427	ng	99
30) Benzo(a)anthracene	21.24	228	26606	0.399	ng	97
31) Chrysene	21.29	228	29317	0.408	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	12216	0.364	ng	99
33) Indeno(1,2,3-cd)pyrene	25.73	276	26042	0.358	ng	99
35) Benzo(b)fluoranthene	22.83	252	26052	0.400	ng	98
36) Benzo(k)fluoranthene	22.87	252	30058	0.433	ng	98
37) Benzo(a)pyrene	23.40	252	25137	0.413	ng	98
38) Dibenzo(a,h)anthracene	25.73	278	21148	0.398	ng	98
39) Benzo(g,h,i)perylene	26.42	276	22075	0.416	ng	100

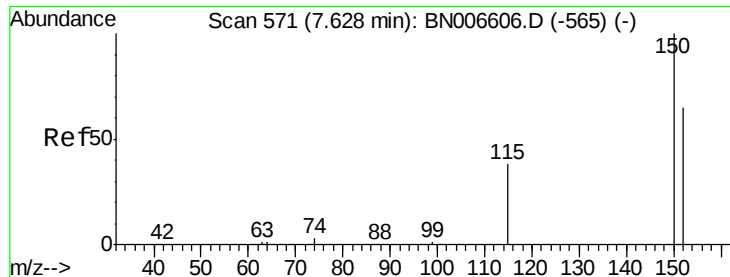
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006640.D
Acq On : 29 Jun 2019 07:23
Operator : HP/JU
Sample : PB120801BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Quant Time: Jul 01 08:14:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



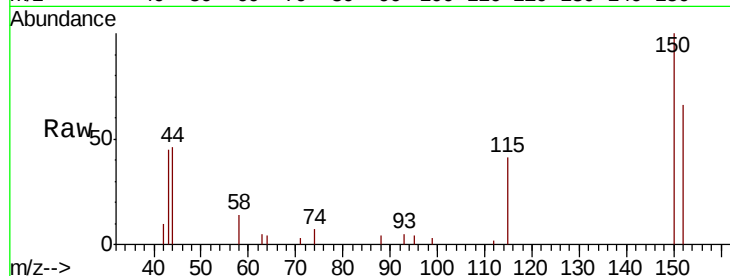


#1

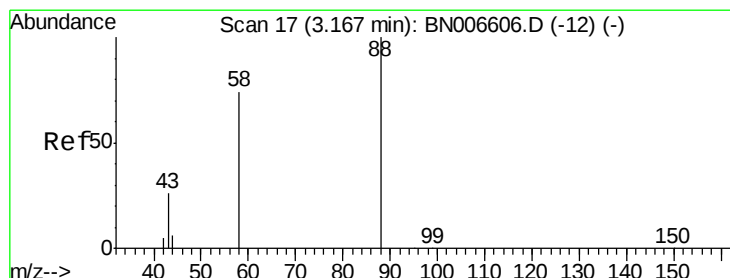
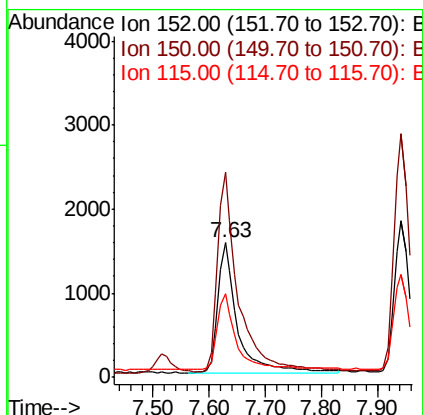
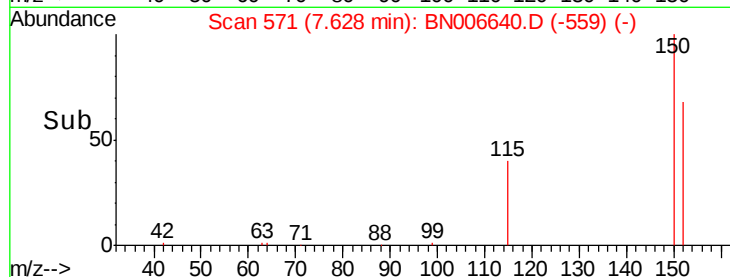
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:152 Resp: 3648
Ion Ratio Lower Upper
152 100
150 152.6 122.2 183.2
115 62.1 50.0 75.0



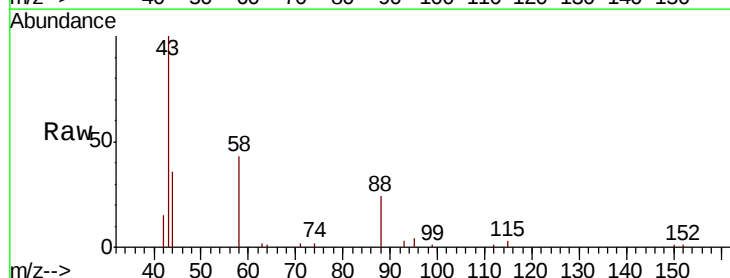
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



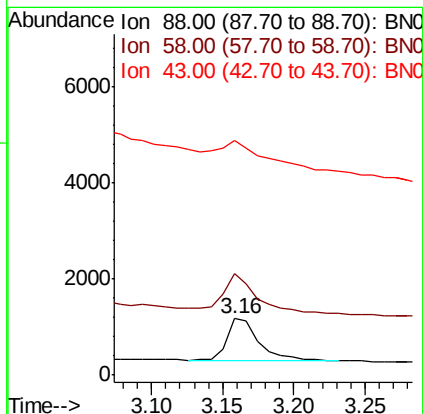
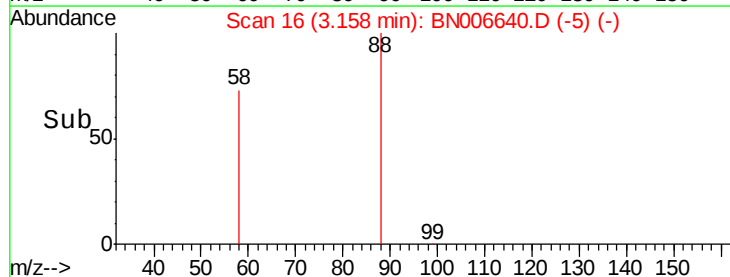
#2

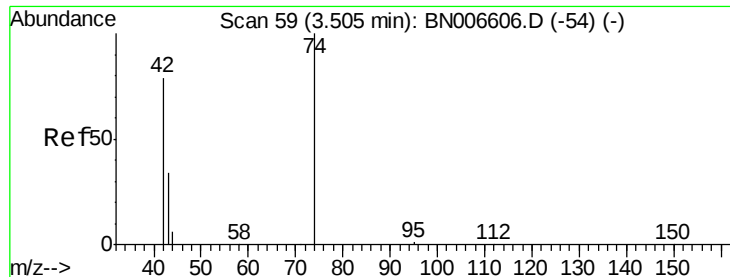
1,4-Dioxane
Concen: 0.265 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion: 88 Resp: 1340
Ion Ratio Lower Upper
88 100
58 96.9 62.5 93.7#
43 101.3 25.4 38.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.326 ng

RT: 3.50 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

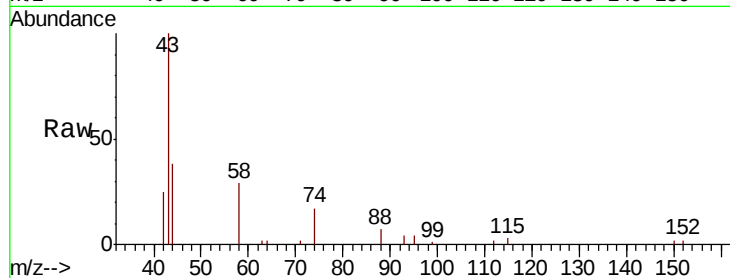
Tgt Ion: 42 Resp: 1292

Ion Ratio Lower Upper

42 100

74 130.4 103.1 154.7

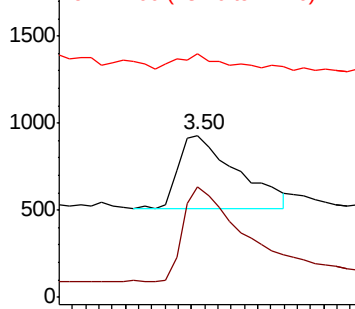
44 17.6 3.4 5.2#



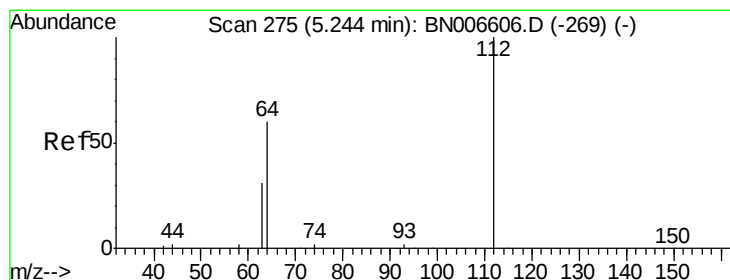
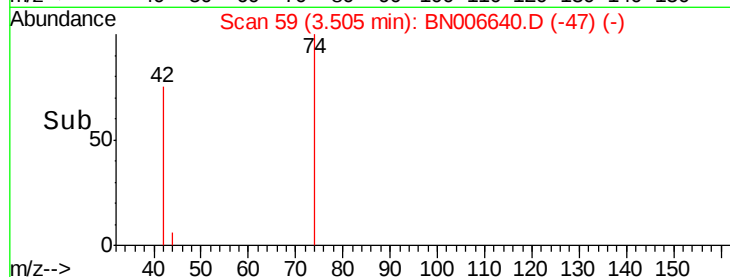
Abundance Ion 42.00 (41.70 to 42.70): BN006640.D (-54) (-)

Ion 74.00 (73.70 to 74.70): BN006640.D (-54) (-)

Ion 44.00 (43.70 to 44.70): BN006640.D (-54) (-)



Time-->



#4

2-Fluorophenol

Concen: 0.416 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

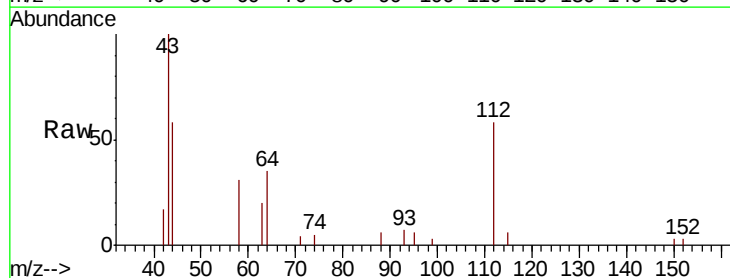
Tgt Ion: 112 Resp: 3723

Ion Ratio Lower Upper

112 100

64 60.9 48.9 73.3

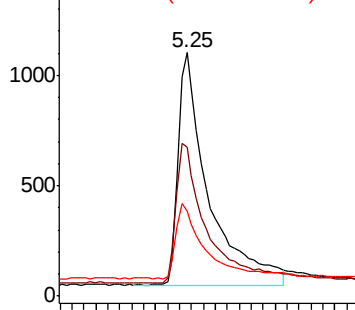
63 32.6 24.3 36.5



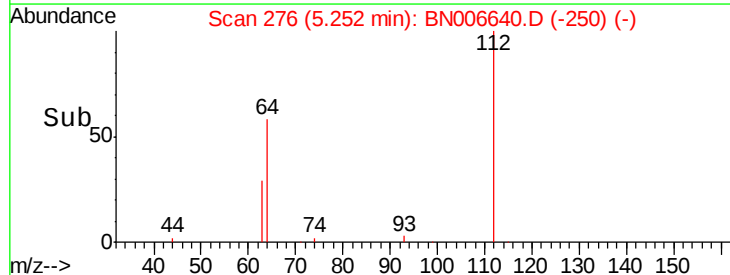
Abundance Ion 112.00 (111.70 to 112.70): BN006640.D (-269) (-)

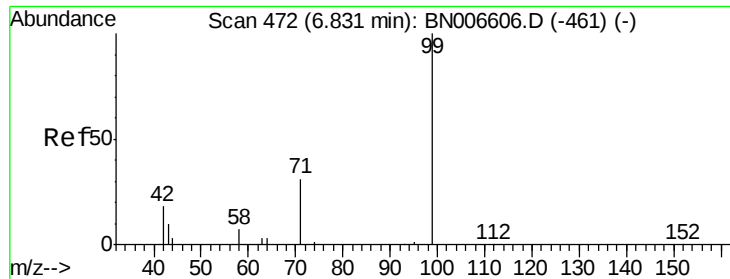
Ion 64.00 (63.70 to 64.70): BN006640.D (-269) (-)

Ion 63.00 (62.70 to 63.70): BN006640.D (-269) (-)



Time-->





#5

Phenol-d6

Concen: 0.430 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

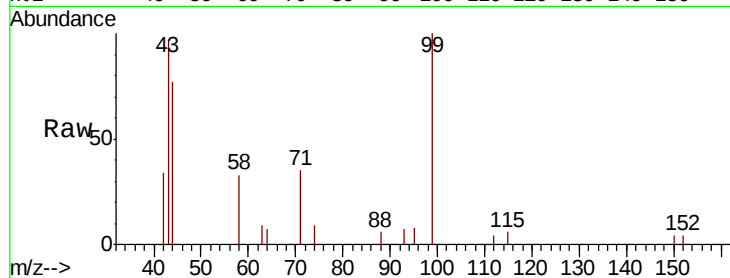
Tgt Ion: 99 Resp: 5095

Ion Ratio Lower Upper

99 100

42 21.4 16.4 24.6

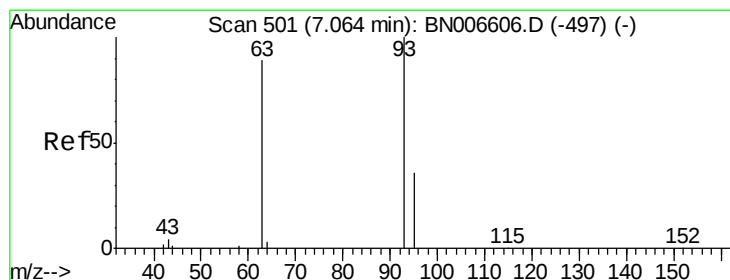
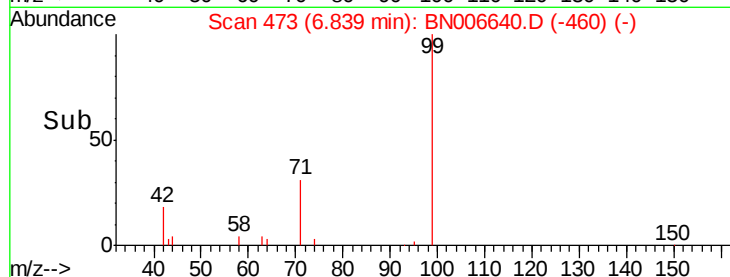
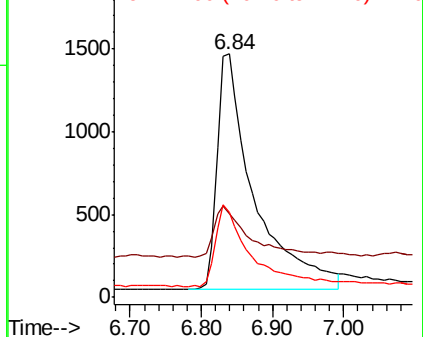
71 33.2 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006640.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006640.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006640.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.328 ng

RT: 7.06 min Scan# 501

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

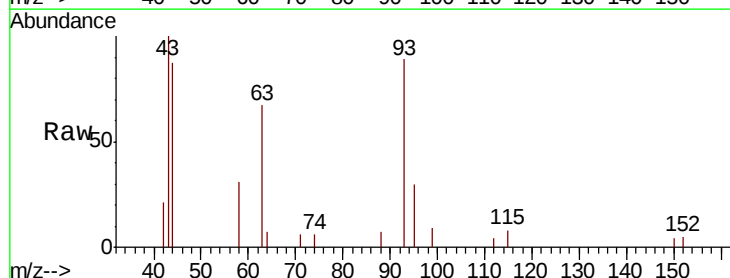
Tgt Ion: 93 Resp: 3466

Ion Ratio Lower Upper

93 100

63 70.6 52.5 78.7

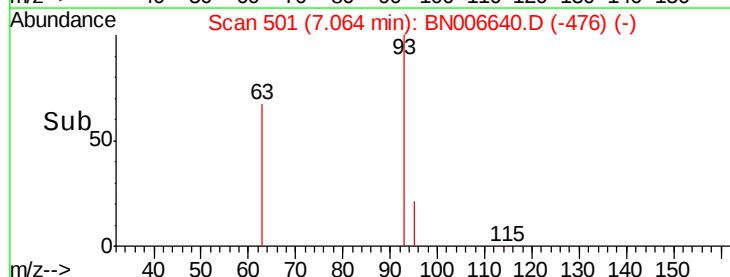
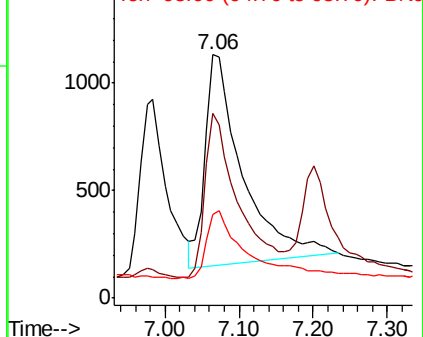
95 33.8 24.2 36.4

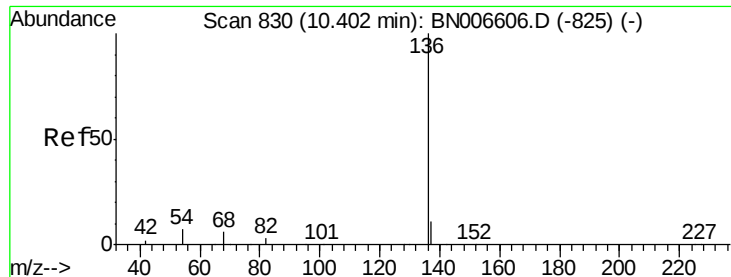


Abundance Ion 93.00 (92.70 to 93.70): BN006640.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006640.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006640.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

Tgt Ion:136 Resp: 14646

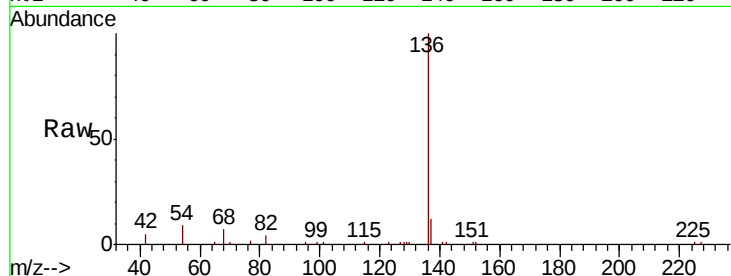
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 9.0 6.7 10.1

68 7.0 5.3 7.9

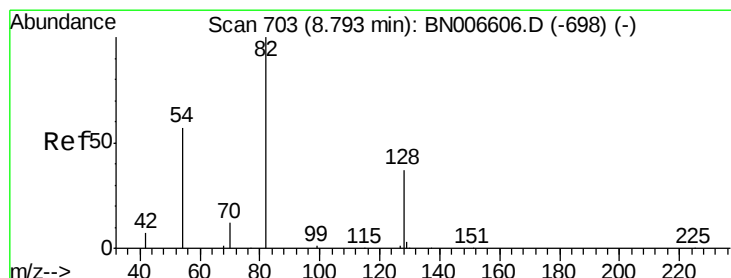
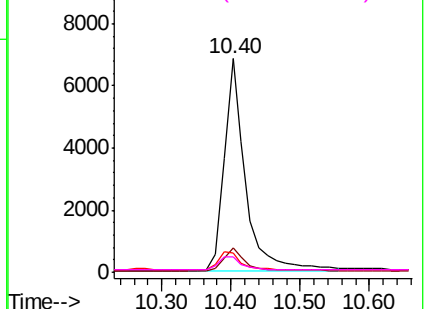
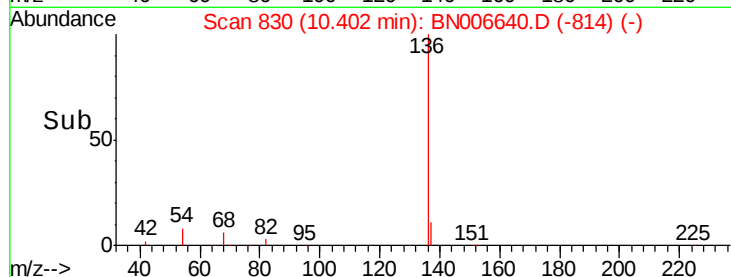


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

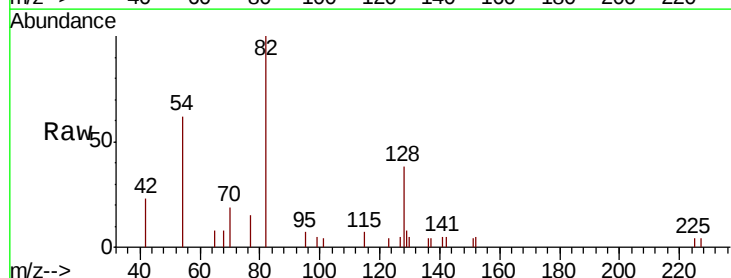
Tgt Ion: 82 Resp: 4147

Ion Ratio Lower Upper

82 100

128 38.0 32.6 49.0

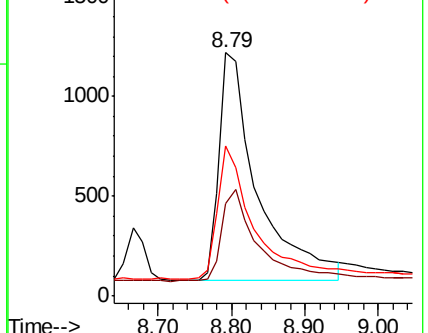
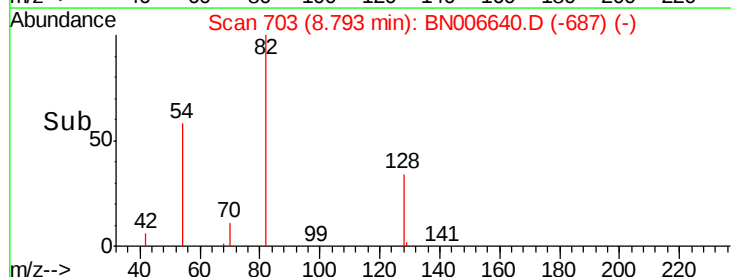
54 61.5 48.2 72.4

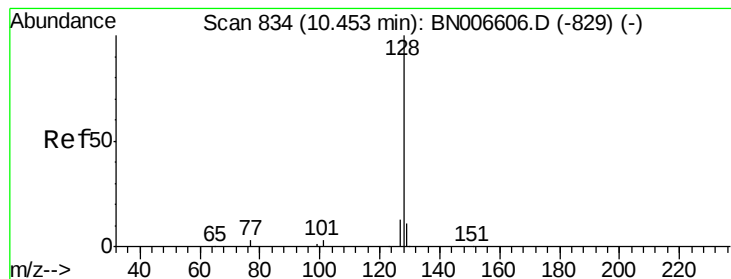


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.395 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

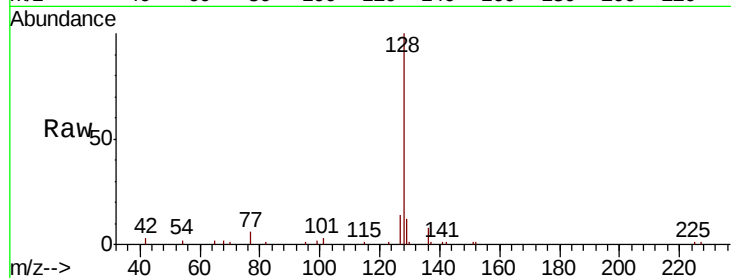
Tgt Ion:128 Resp: 15201

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

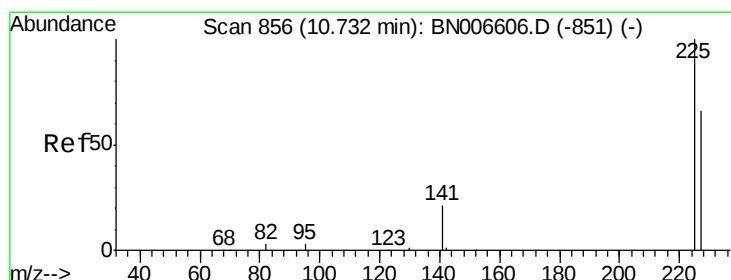
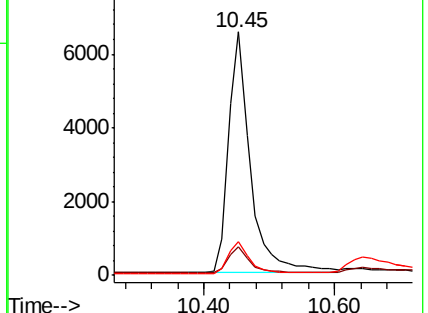
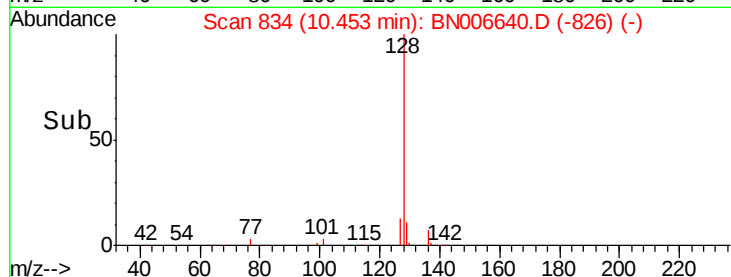
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.365 ng

RT: 10.73 min Scan# 856

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

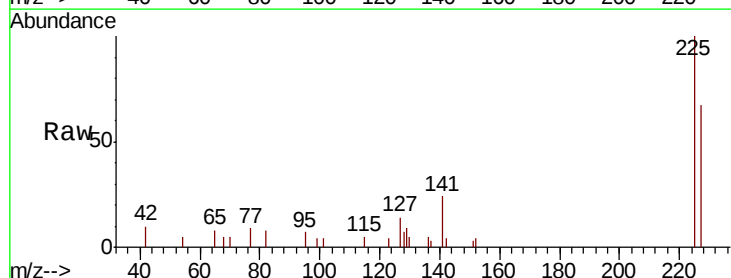
Tgt Ion:225 Resp: 2885

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

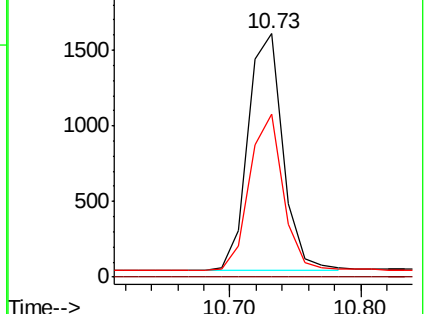
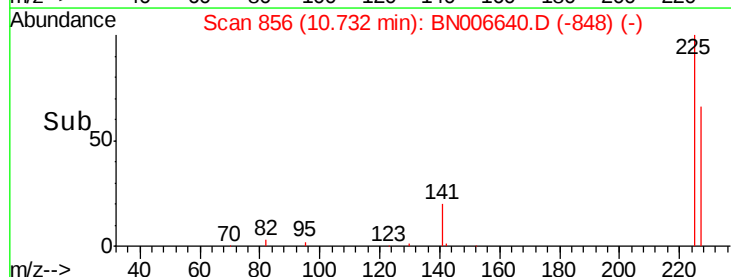
227 63.6 51.4 77.2

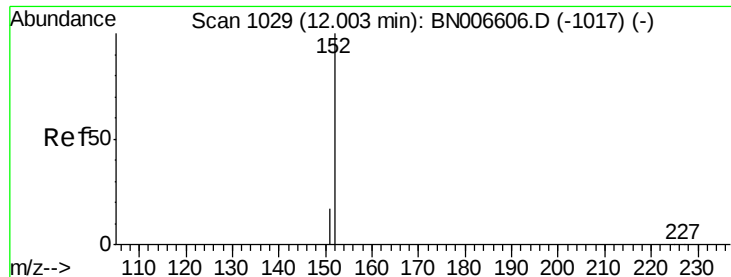


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

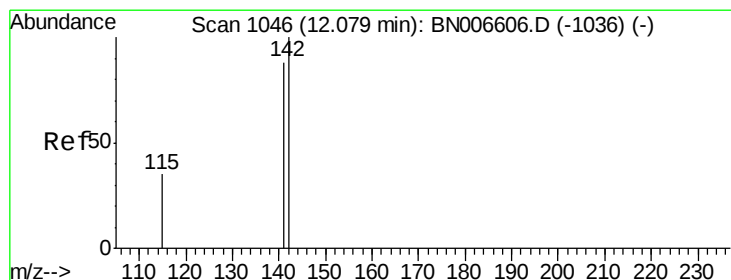
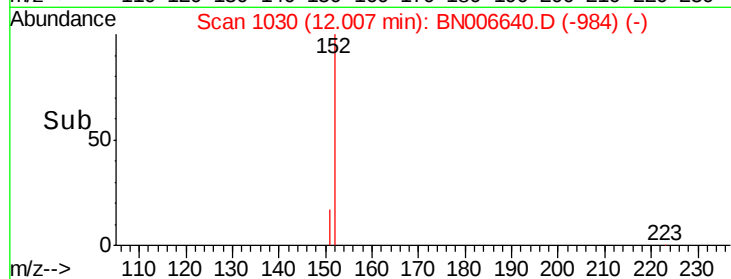
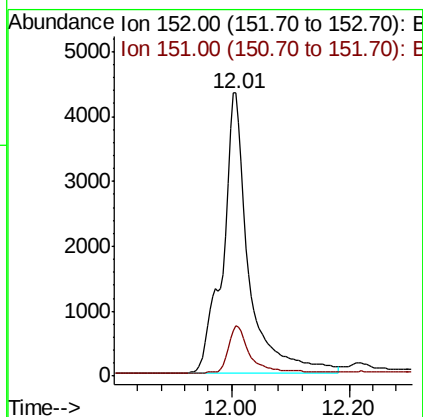
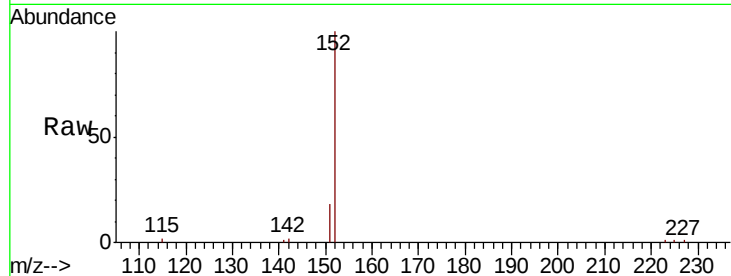




#11
 2-Methylnaphthalene-d10
 Concen: 0.576 ng
 RT: 12.01 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BN006640.D
 Acq: 29 Jun 2019 07:23

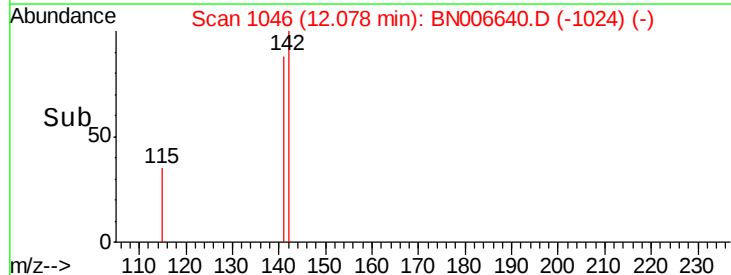
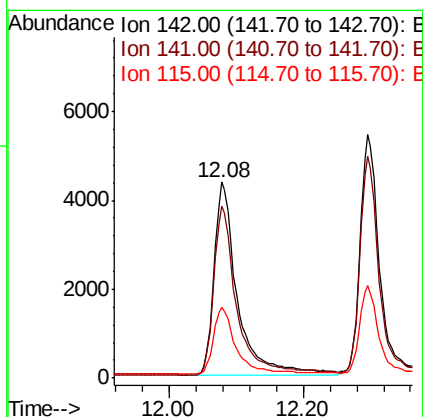
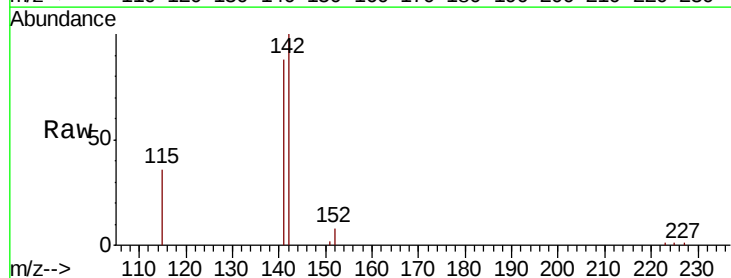
Instrument :
 BNA_N
 ClientSampleId :
 PB120801BS

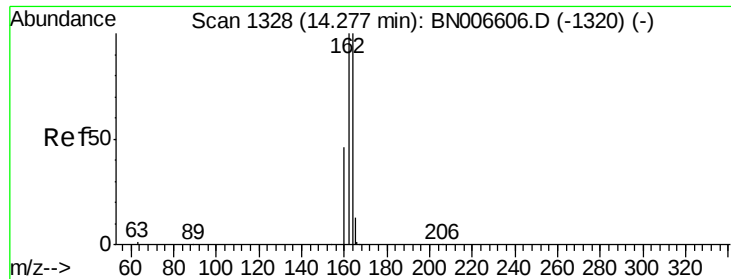
Tgt Ion:152 Resp: 13300
 Ion Ratio Lower Upper
 152 100
 151 14.2 15.0 22.4#



#12
 2-Methylnaphthalene
 Concen: 0.393 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BN006640.D
 Acq: 29 Jun 2019 07:23

Tgt Ion:142 Resp: 10454
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.2 105.4
 115 36.3 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

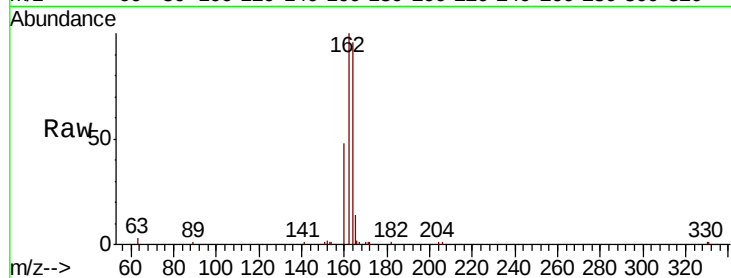
Tgt Ion:164 Resp: 9008

Ion Ratio Lower Upper

164 100

162 103.9 80.0 120.0

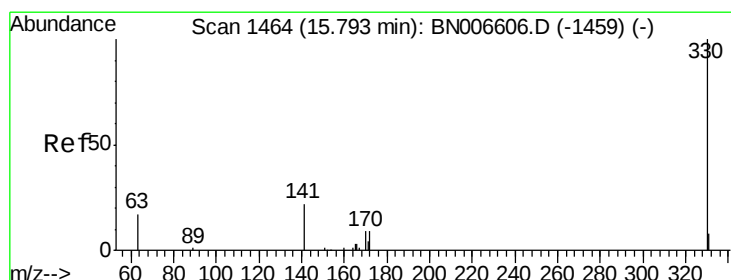
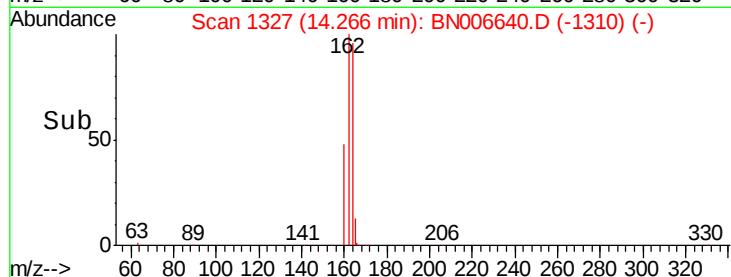
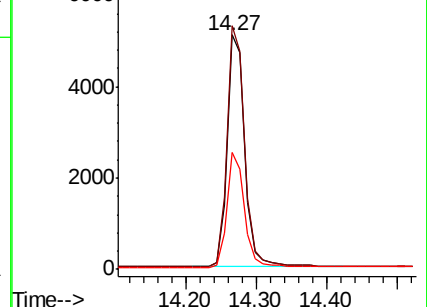
160 50.0 37.0 55.4



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: 0.342 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

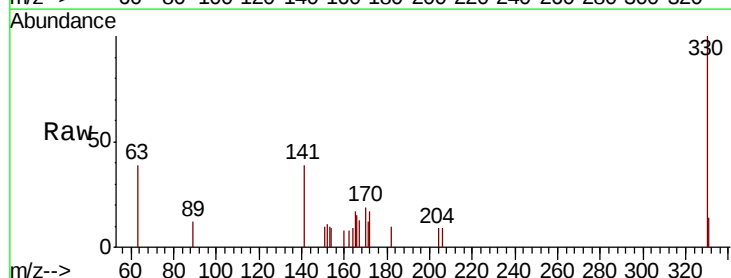
Tgt Ion:330 Resp: 1451

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

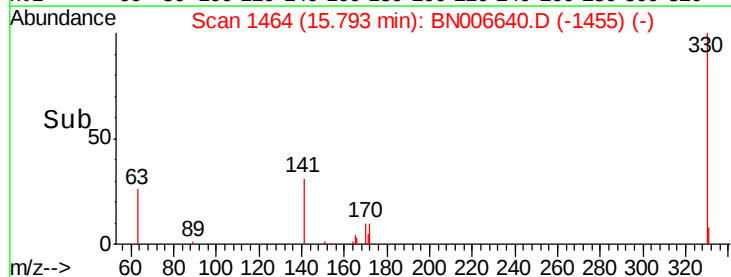
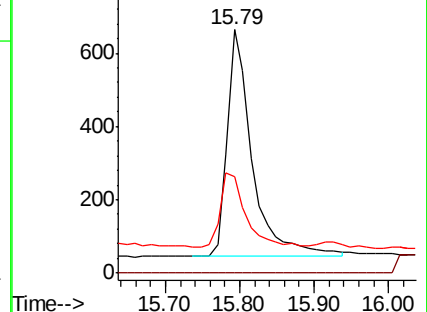
141 33.1 26.5 39.7

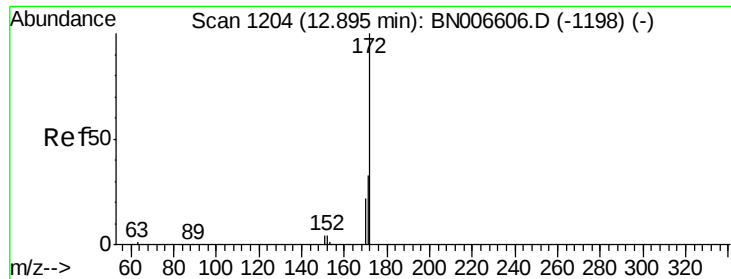


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

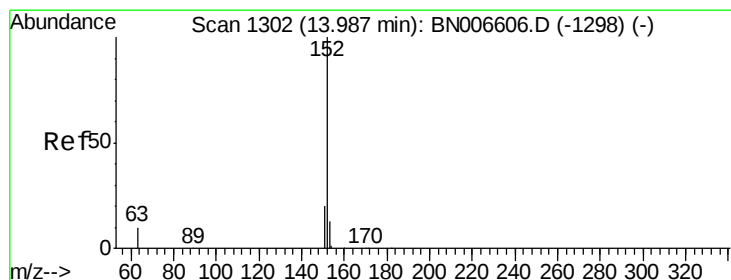
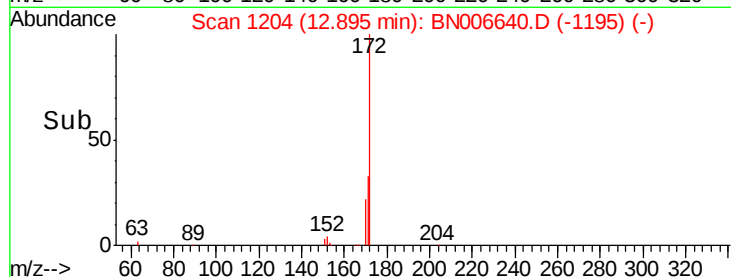
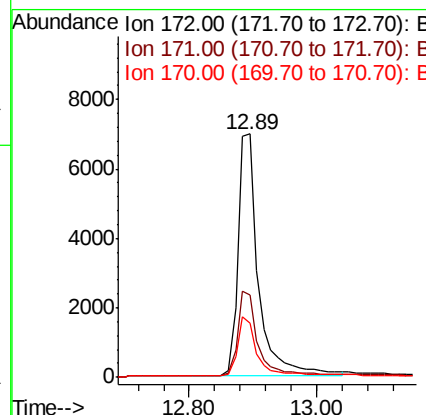
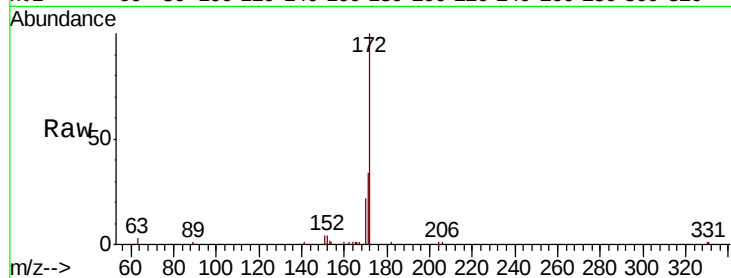




#15
2-Fluorobiphenyl
Concen: 0.469 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

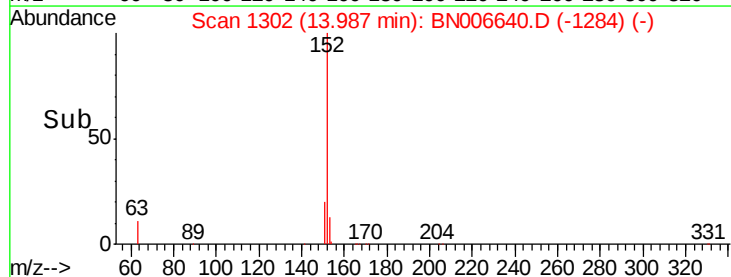
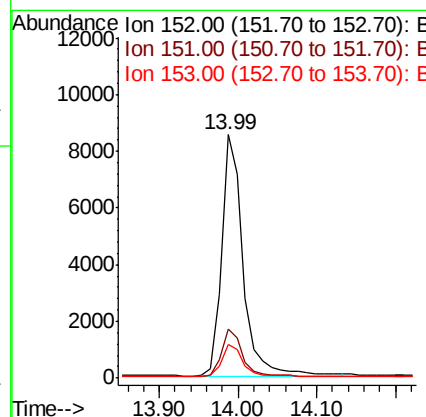
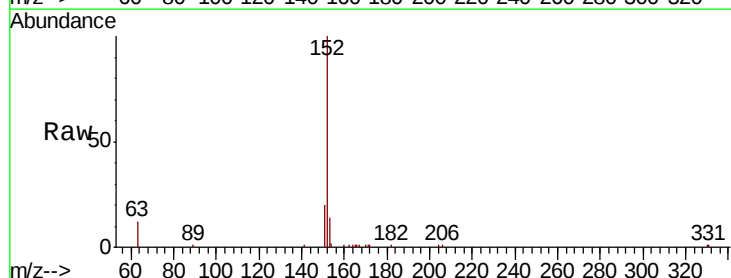
Instrument :
BNA_N
ClientSampleId :
PB120801BS

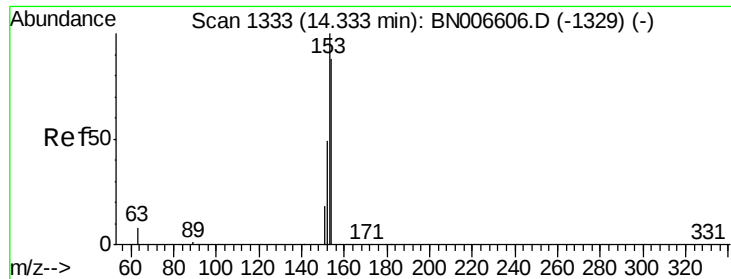
Tgt Ion:172 Resp: 15651
Ion Ratio Lower Upper
172 100
171 34.0 27.0 40.4
170 22.2 17.7 26.5



#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:152 Resp: 16171
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.0 10.5 15.7

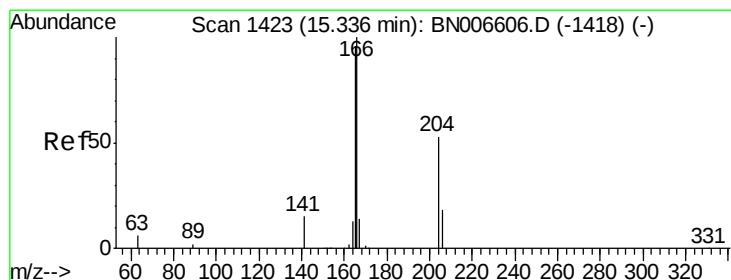
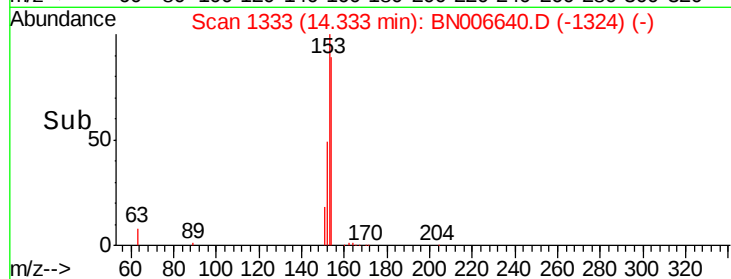
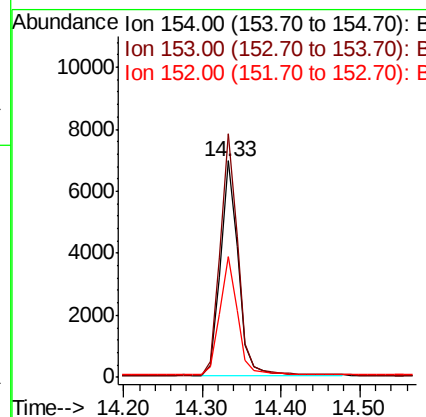
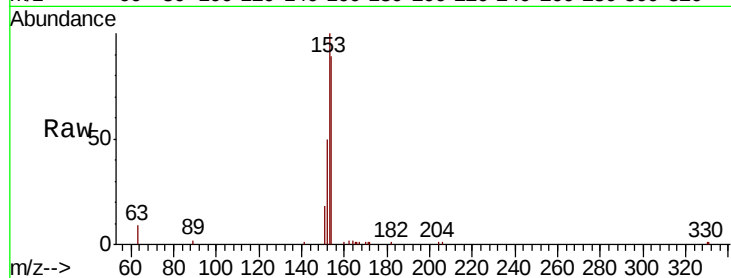




#17
Acenaphthene
Concen: 0.387 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

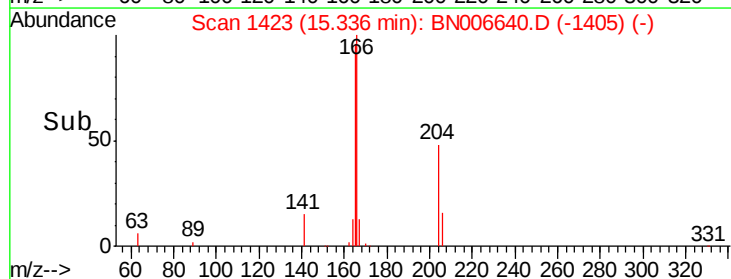
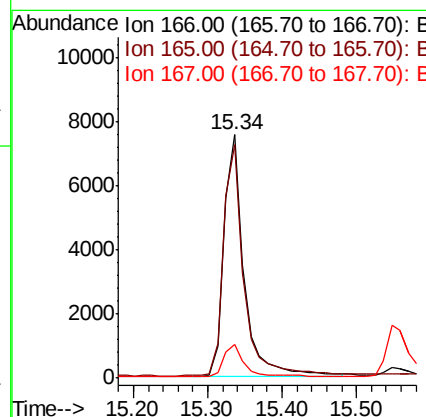
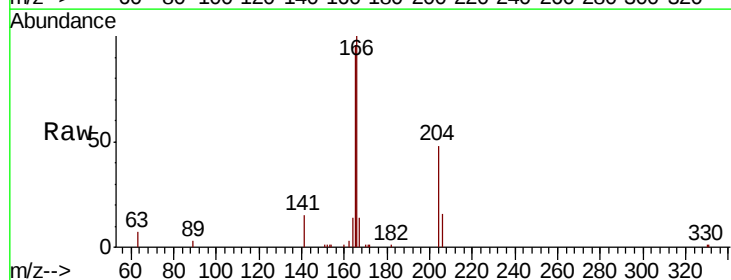
Instrument :
BNA_N
ClientSampleId :
PB120801BS

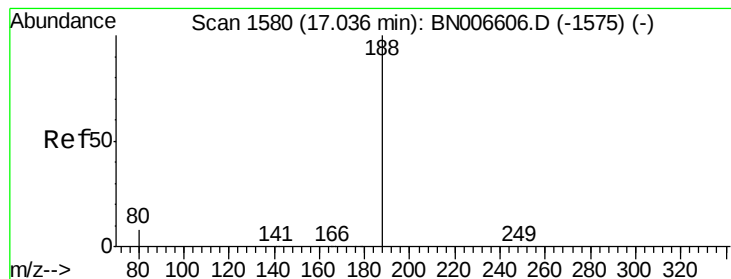
Tgt Ion:154 Resp: 10957
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.4
152 55.2 44.2 66.4



#18
Fluorene
Concen: 0.395 ng
RT: 15.34 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:166 Resp: 14100
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.4 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

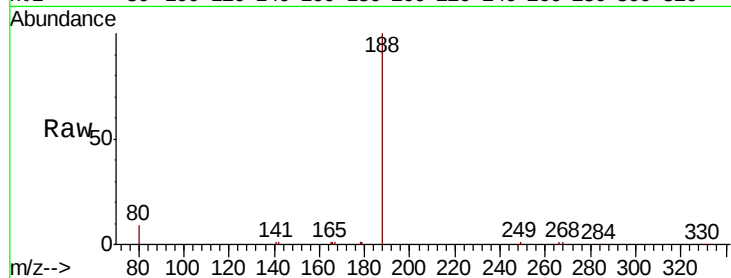
Tgt Ion:188 Resp: 21609

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

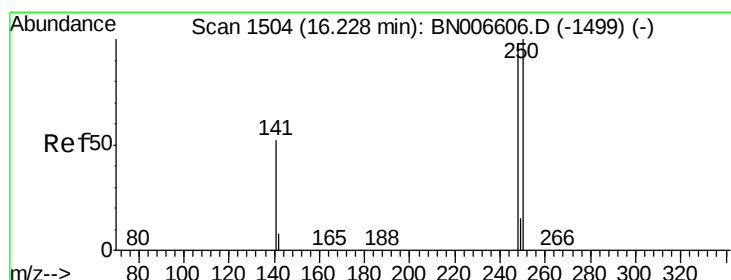
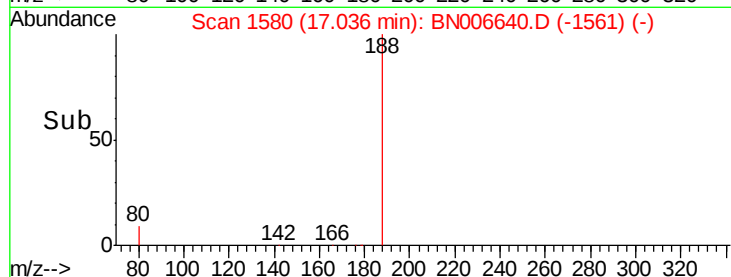
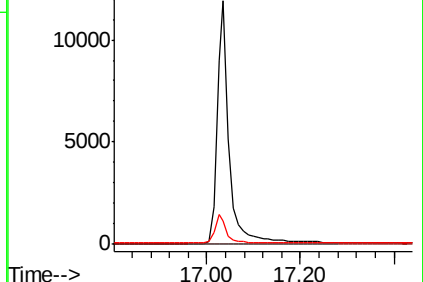
80 9.4 7.1 10.7



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: 0.364 ng

RT: 16.23 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

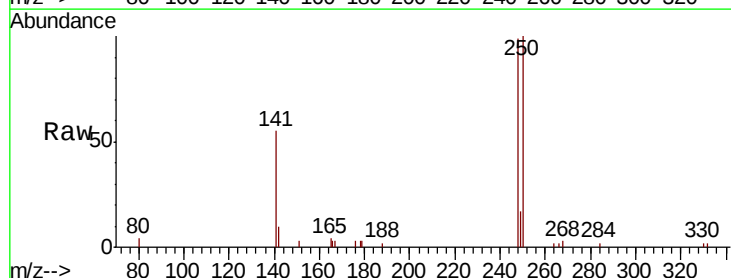
Tgt Ion:248 Resp: 4356

Ion Ratio Lower Upper

248 100

250 100.8 82.2 123.4

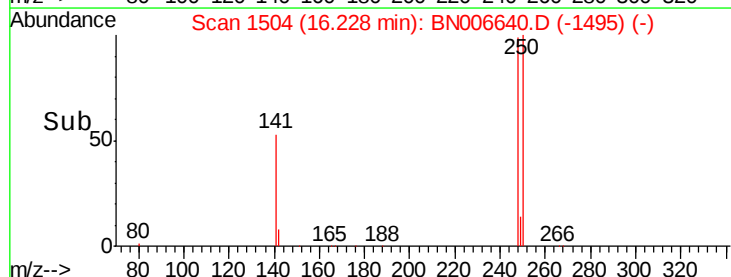
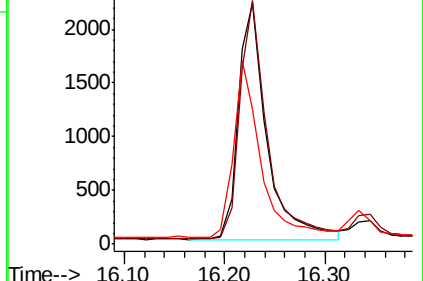
141 55.8 43.8 65.8

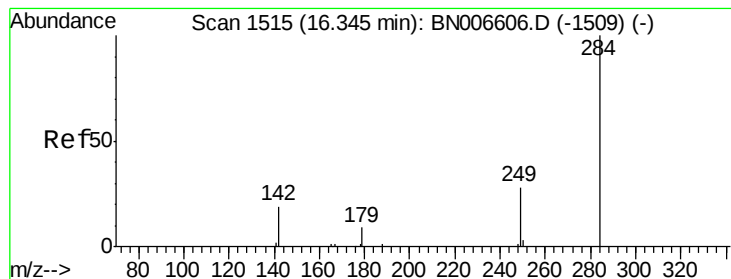


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.369 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

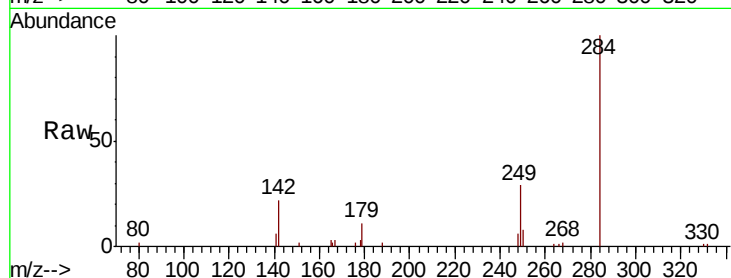
Tgt Ion:284 Resp: 5576

Ion Ratio Lower Upper

284 100

142 34.4 27.5 41.3

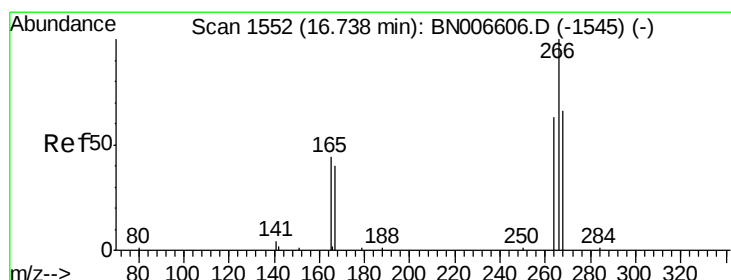
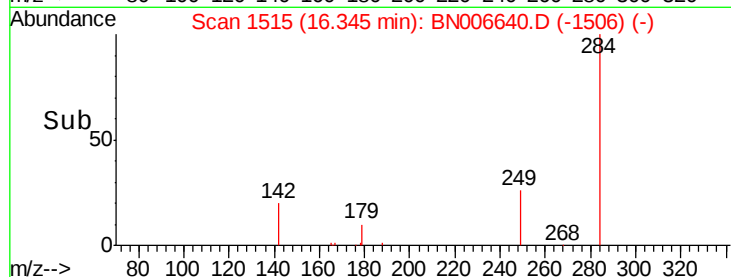
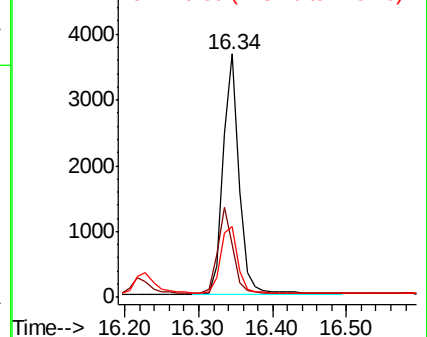
249 30.6 24.7 37.1



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: 0.452 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

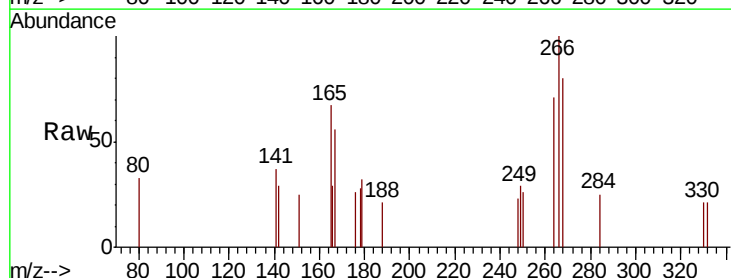
Tgt Ion:266 Resp: 897

Ion Ratio Lower Upper

266 100

264 70.8 56.2 84.4

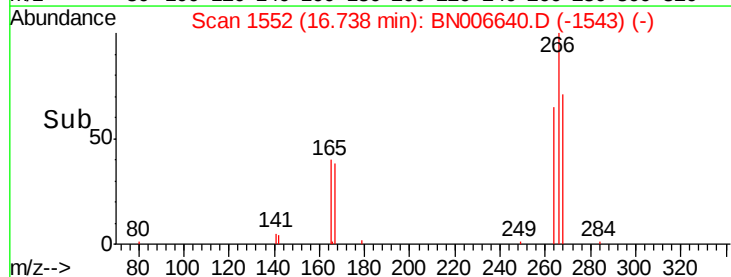
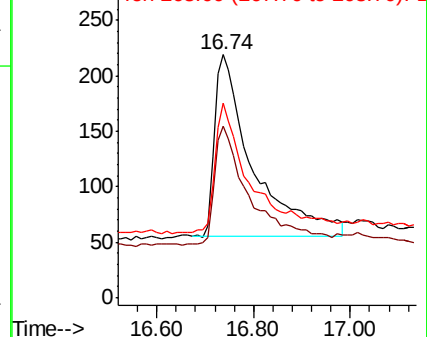
268 79.9 63.0 94.4

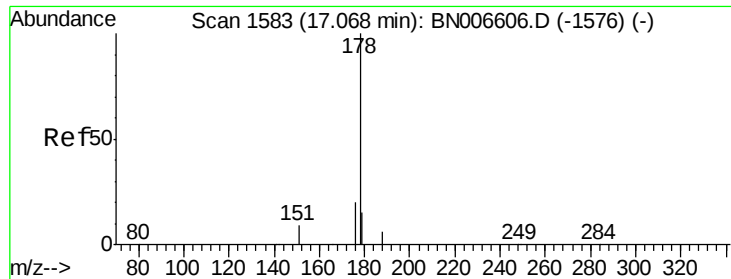


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

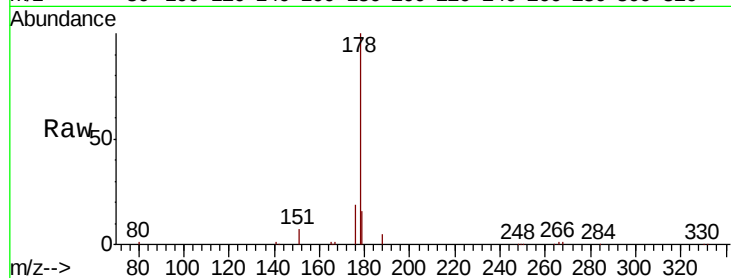
Tgt Ion:178 Resp: 23677

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

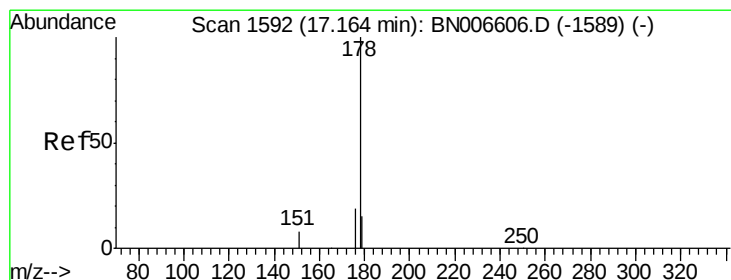
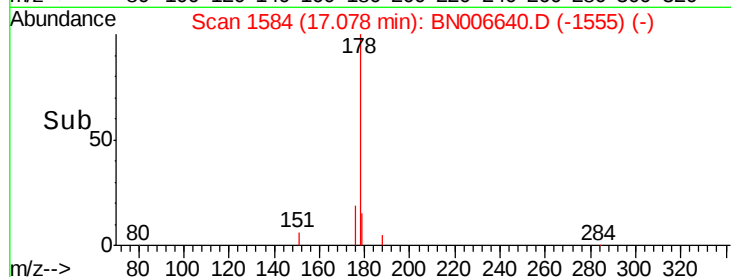
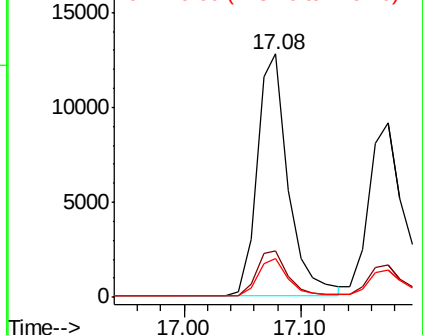
179 15.3 12.2 18.4



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



#24

Anthracene

Concen: 0.373 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

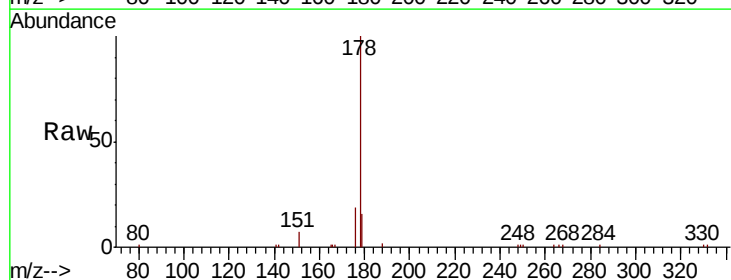
Tgt Ion:178 Resp: 19865

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

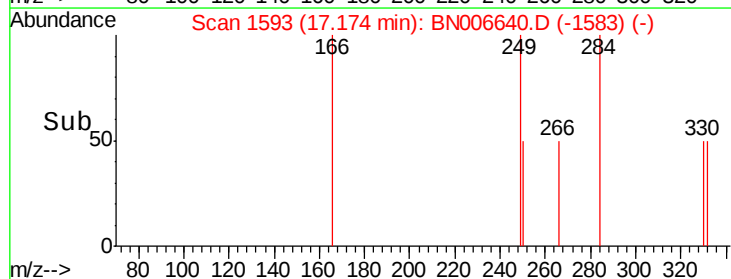
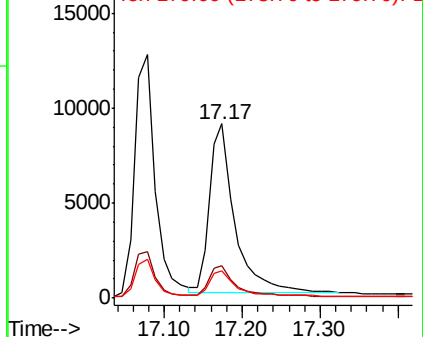
179 15.4 12.2 18.2

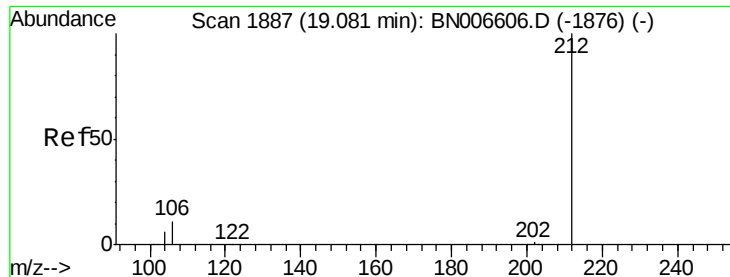


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.427 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

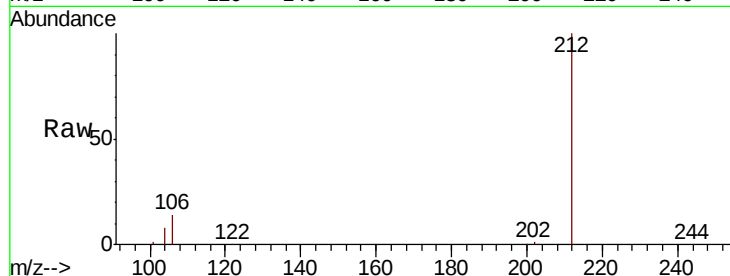
Tgt Ion:212 Resp: 27092

Ion Ratio Lower Upper

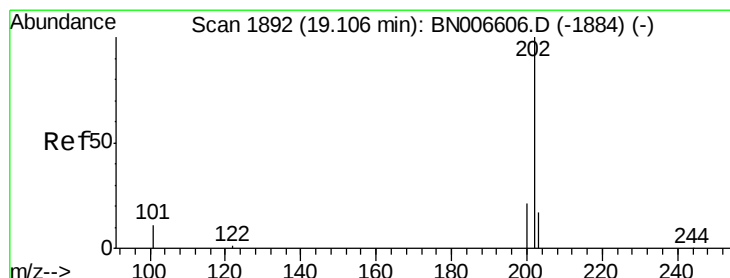
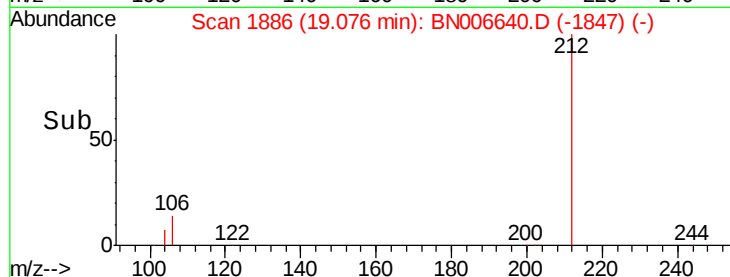
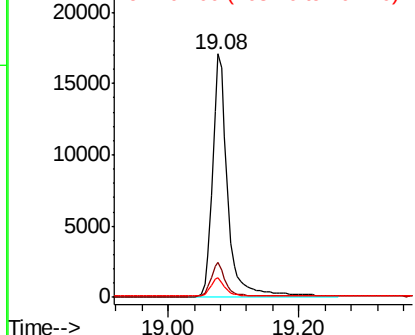
212 100

106 13.5 10.6 15.8

104 7.3 5.8 8.6



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.397 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

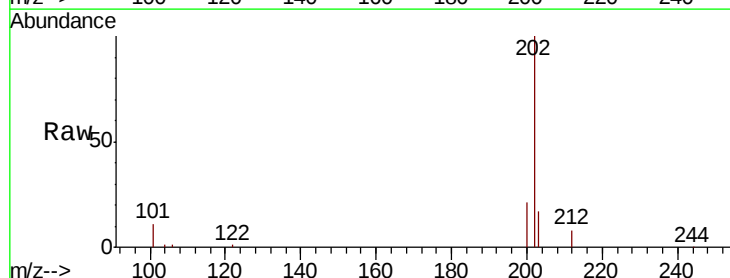
Tgt Ion:202 Resp: 29614

Ion Ratio Lower Upper

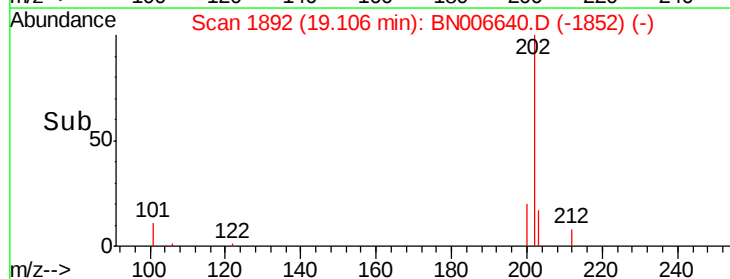
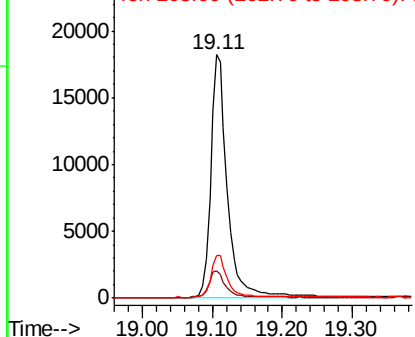
202 100

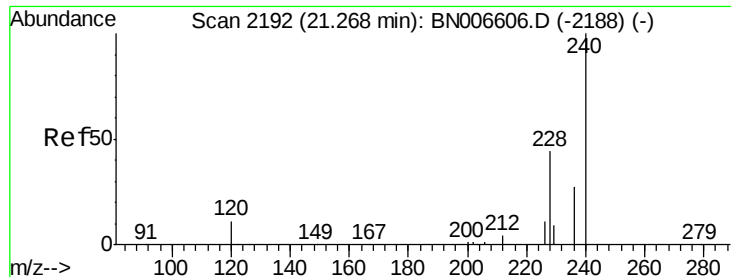
101 11.1 8.9 13.3

203 17.2 13.6 20.4



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

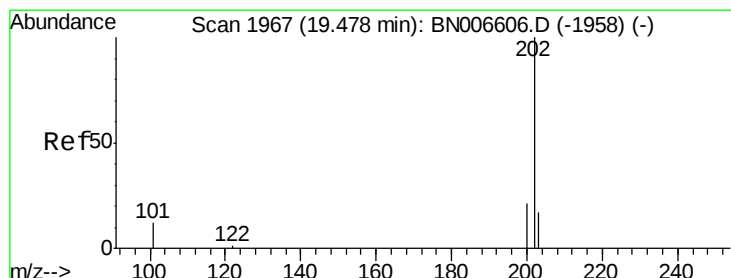
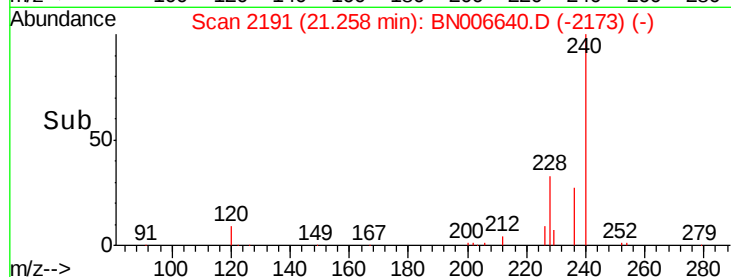
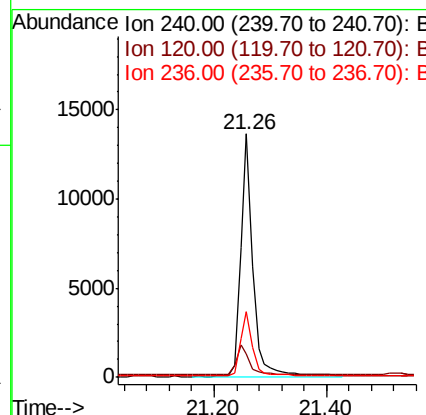
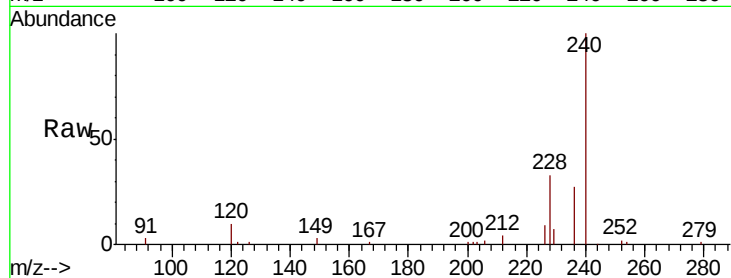




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BN006640.D
 Acq: 29 Jun 2019 07:23

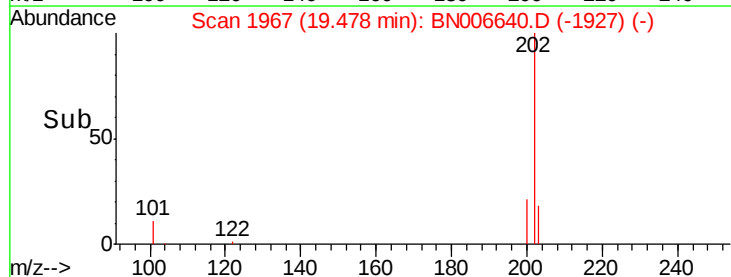
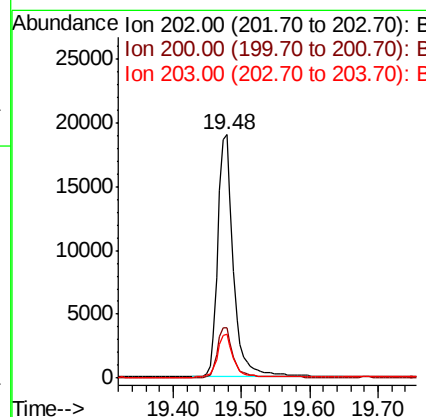
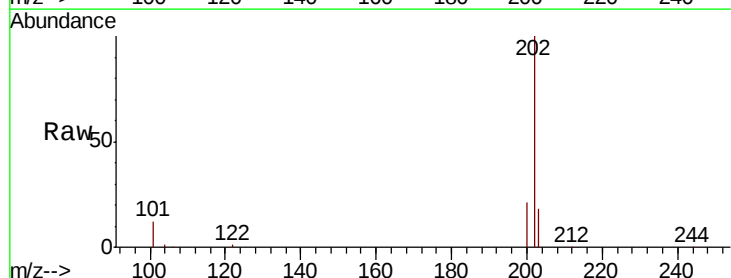
Instrument :
 BNA_N
 ClientSampleId :
 PB120801BS

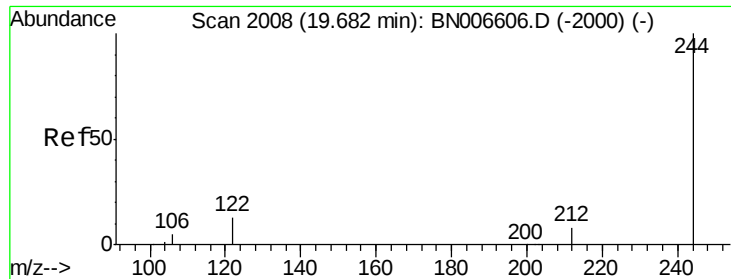
Tgt Ion:240 Resp: 20387
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.9 14.9#
 236 27.1 22.2 33.4



#28
 Pyrene
 Concen: 0.427 ng
 RT: 19.48 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BN006640.D
 Acq: 29 Jun 2019 07:23

Tgt Ion:202 Resp: 30487
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.7 25.1
 203 17.9 14.1 21.1





#29

Terphenyl-d14

Concen: 0.499 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

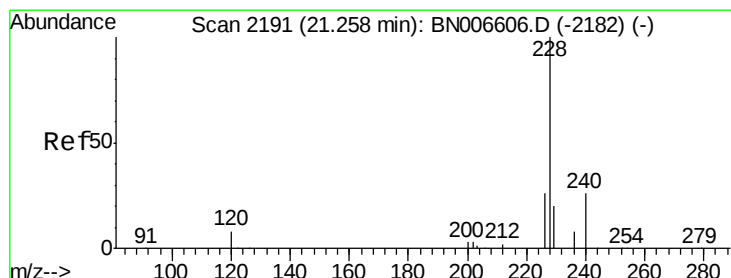
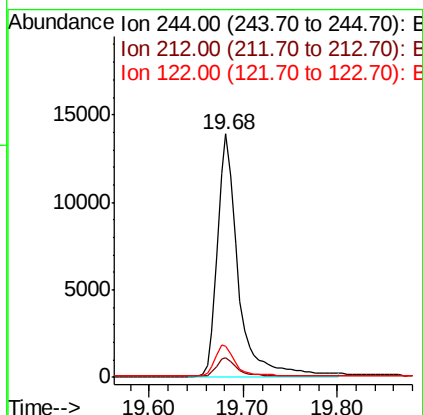
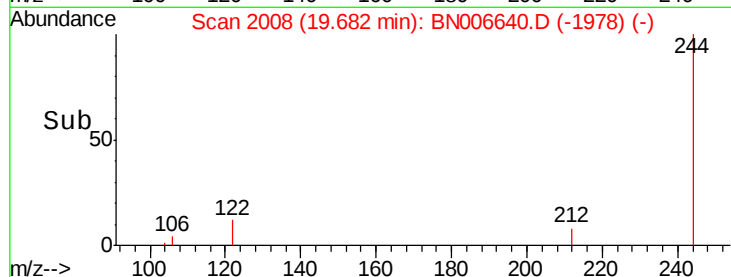
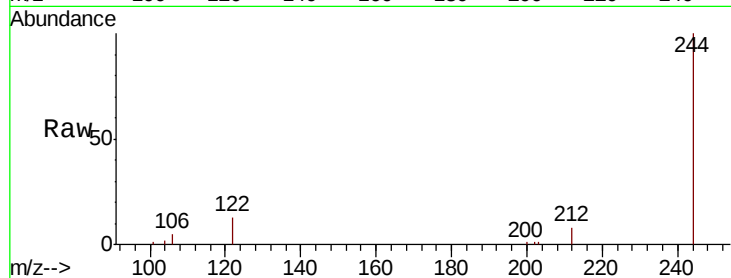
Tgt Ion:244 Resp: 21294

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 12.8 11.0 16.6



#30

Benzo(a)anthracene

Concen: 0.399 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

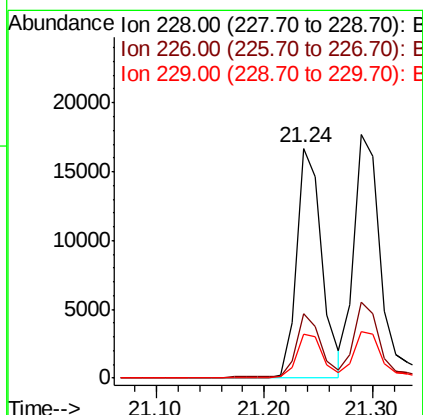
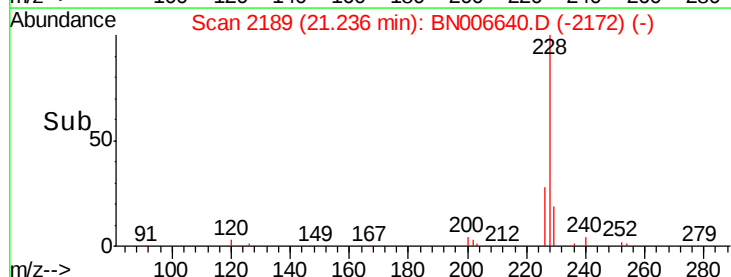
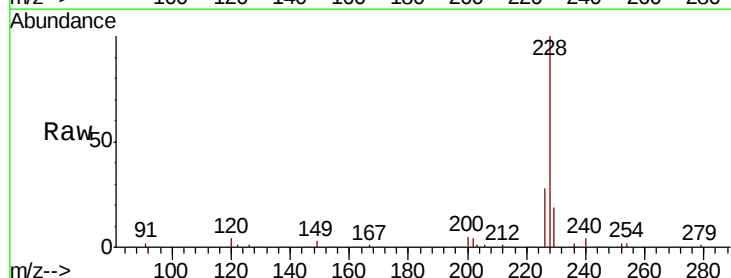
Tgt Ion:228 Resp: 26606

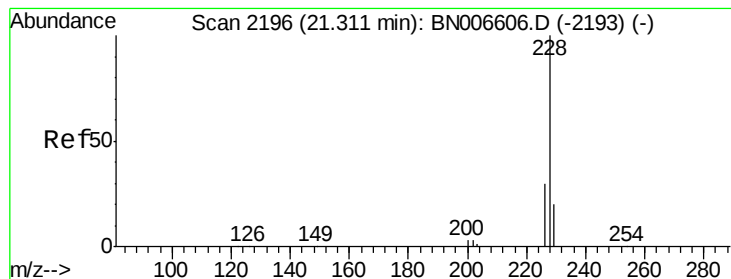
Ion Ratio Lower Upper

228 100

226 28.1 21.2 31.8

229 19.3 16.1 24.1





#31

Chrysene

Concen: 0.408 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

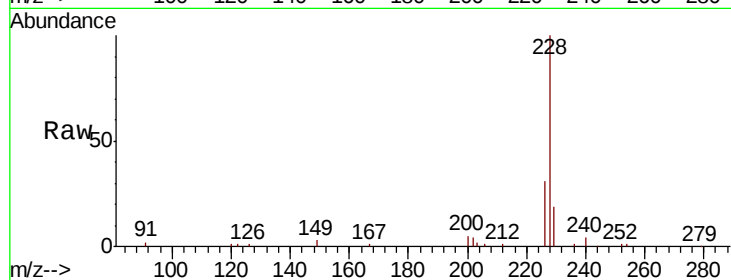
Tgt Ion:228 Resp: 29317

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.6

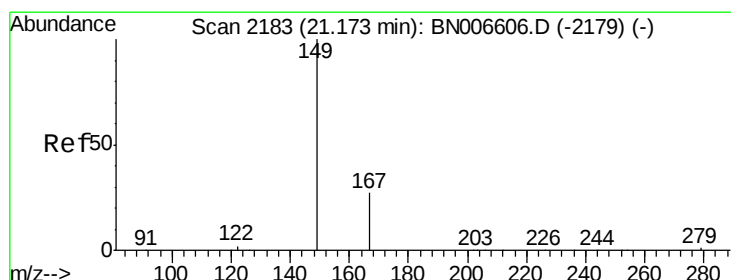
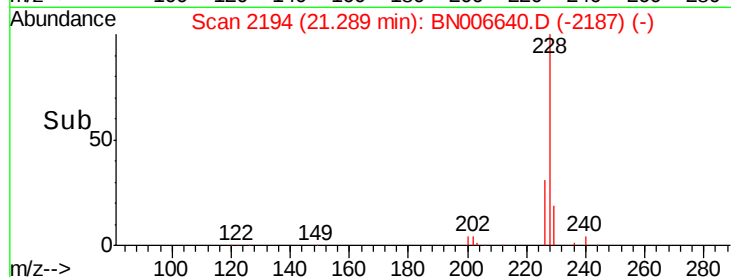
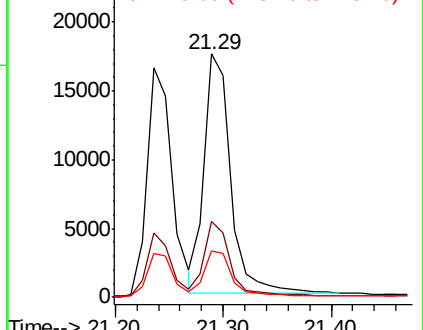
229 19.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.364 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

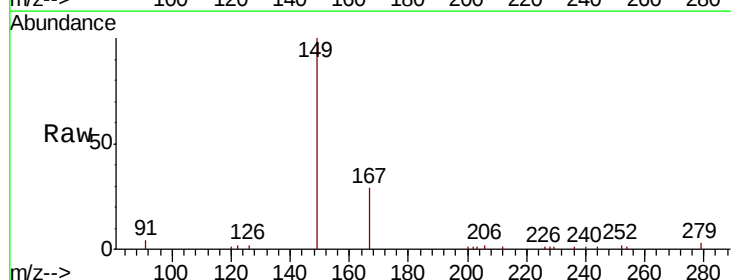
Tgt Ion:149 Resp: 12216

Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

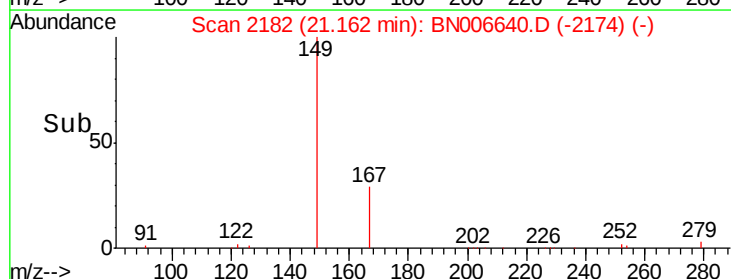
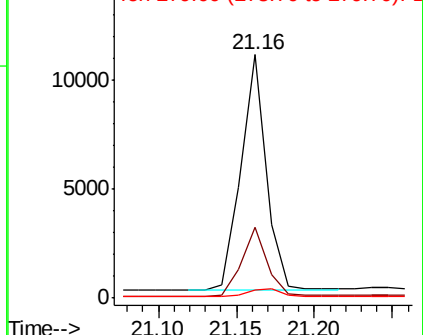
279 4.2 3.3 4.9

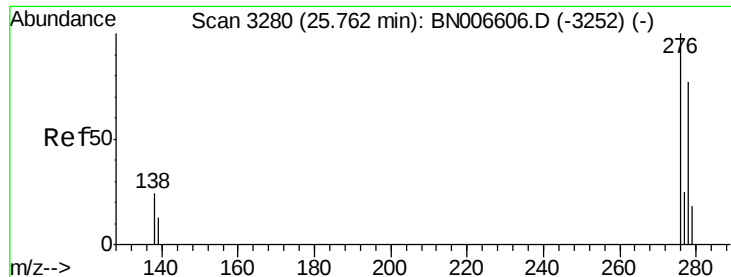


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.358 ng

RT: 25.73 min Scan# 3270

Delta R.T. -0.03 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

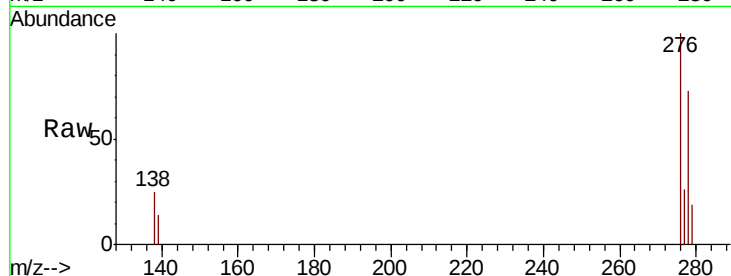
Tgt Ion:276 Resp: 26042

Ion Ratio Lower Upper

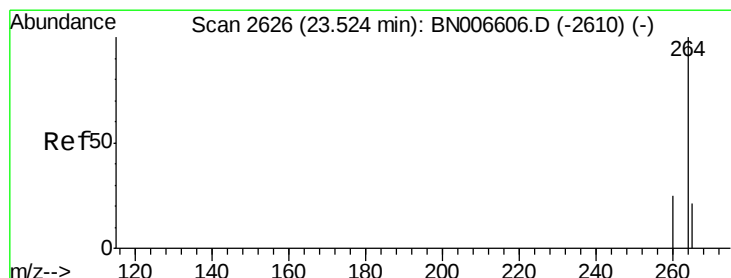
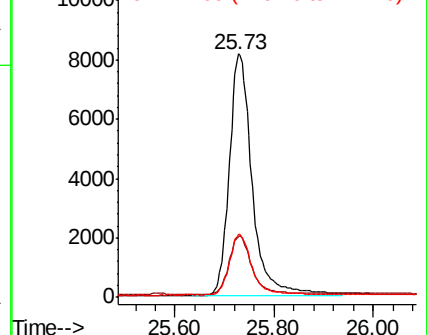
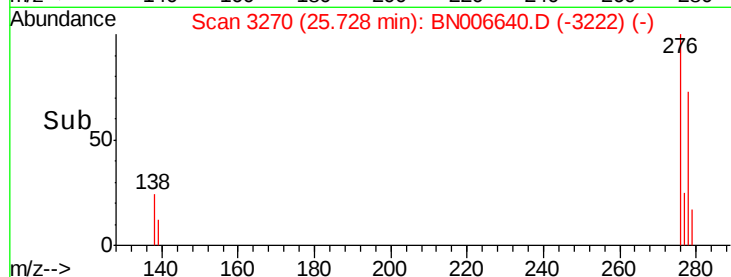
276 100

138 24.2 19.3 28.9

277 24.4 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: 23.50 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

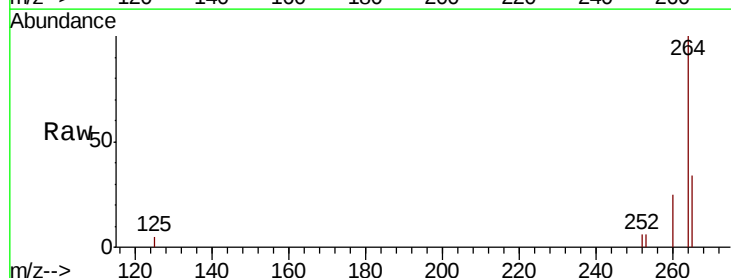
Tgt Ion:264 Resp: 19141

Ion Ratio Lower Upper

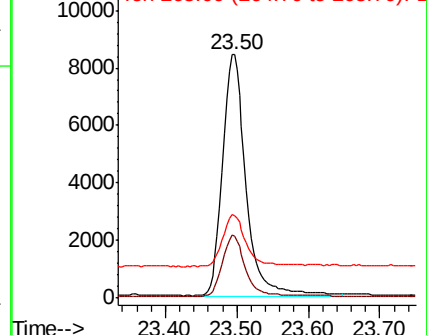
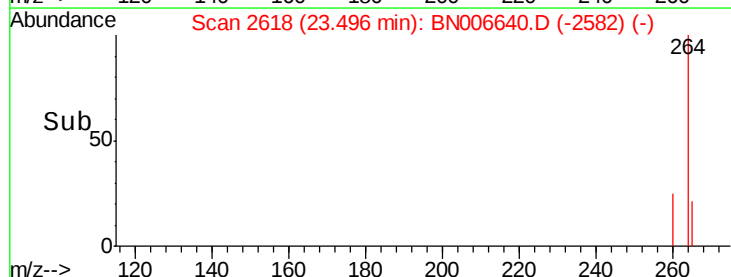
264 100

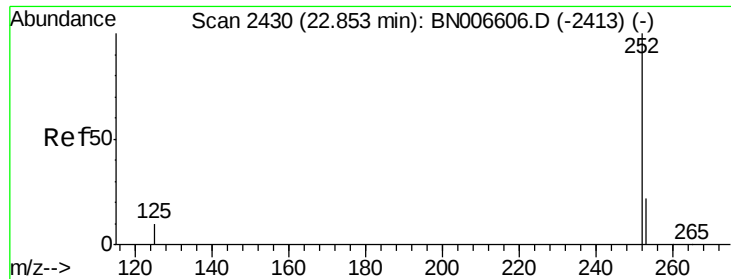
260 25.4 20.2 30.2

265 33.9 23.3 34.9



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

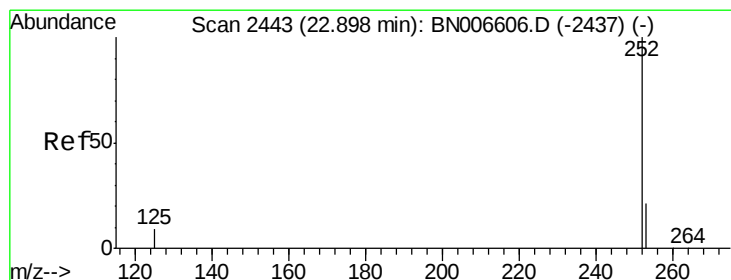
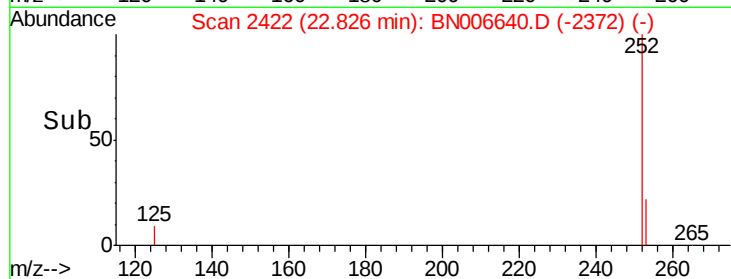
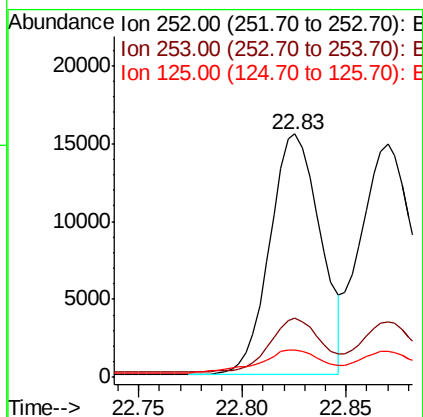
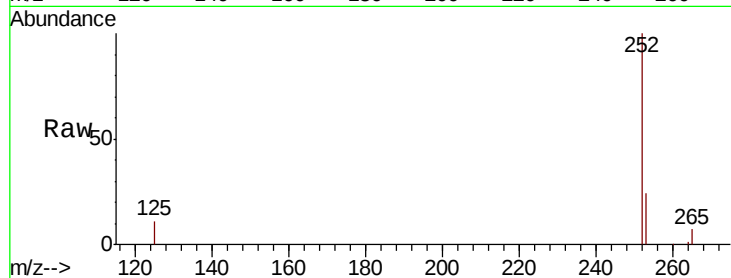




#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.83 min Scan# 2422
Delta R.T. -0.03 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

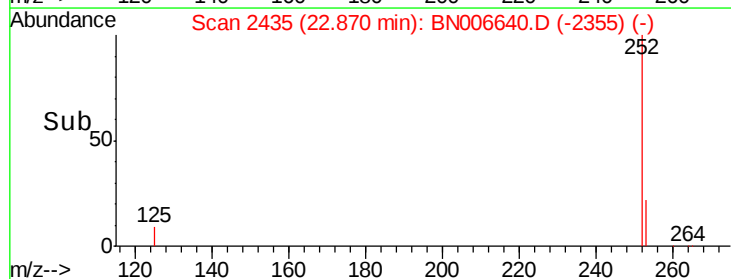
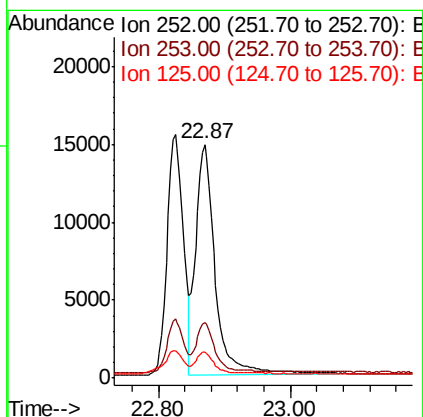
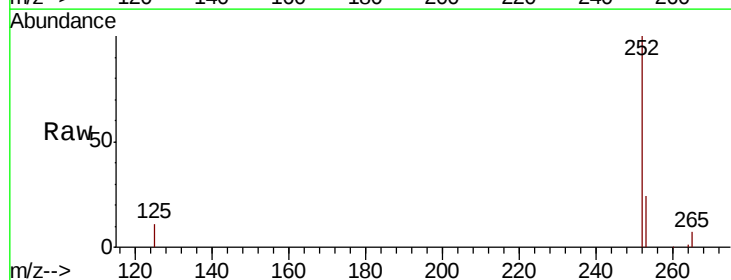
Instrument :
BNA_N
ClientSampleId :
PB120801BS

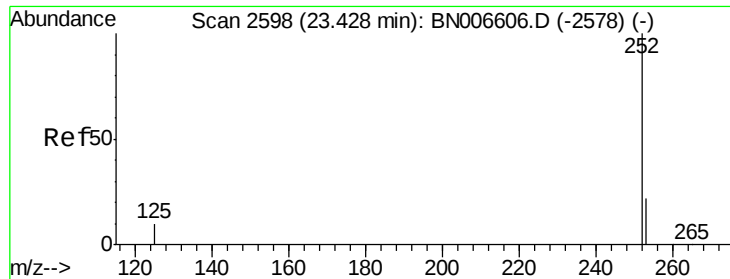
Tgt Ion:252 Resp: 26052
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 11.0 8.7 13.1



#36
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 22.87 min Scan# 2435
Delta R.T. -0.03 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:252 Resp: 30058
Ion Ratio Lower Upper
252 100
253 23.8 18.3 27.5
125 11.1 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.413 ng

RT: 23.40 min Scan# 2590

Delta R.T. -0.03 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS

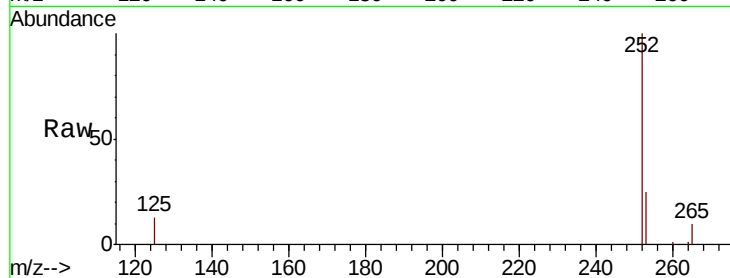
Tgt Ion:252 Resp: 25137

Ion Ratio Lower Upper

252 100

253 24.6 18.8 28.2

125 12.7 9.4 14.2

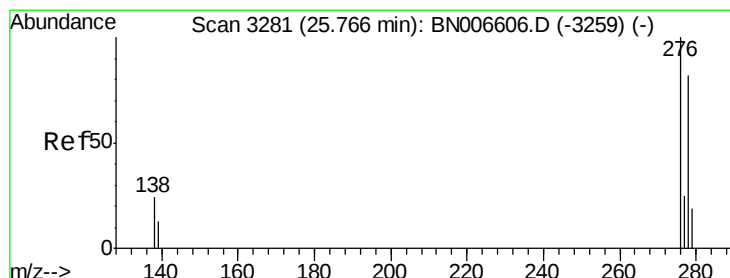
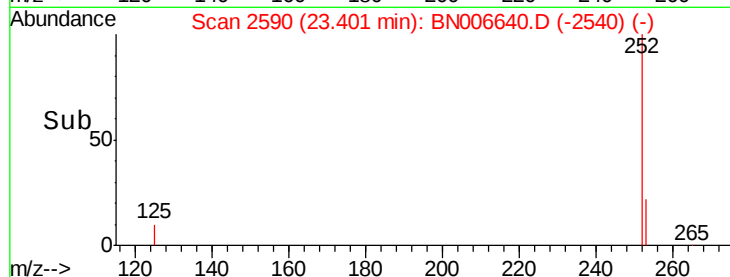
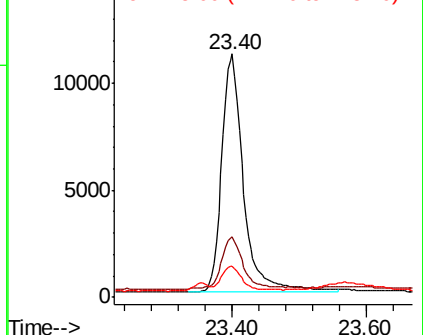


Abundance

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: 0.398 ng

RT: 25.73 min Scan# 3272

Delta R.T. -0.03 min

Lab File: BN006640.D

Acq: 29 Jun 2019 07:23

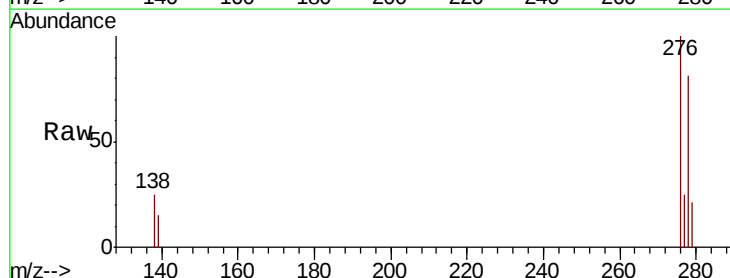
Tgt Ion:278 Resp: 21148

Ion Ratio Lower Upper

278 100

139 18.0 13.5 20.3

279 25.4 19.4 29.2

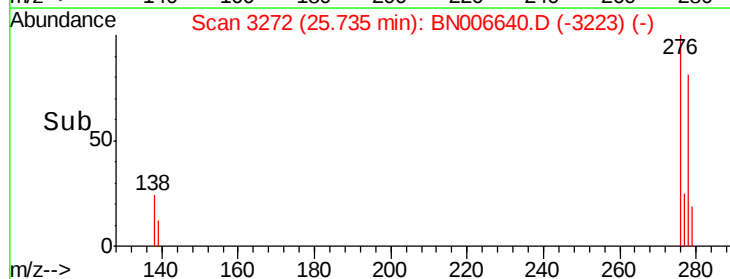
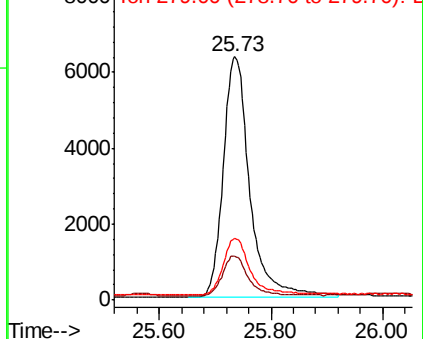


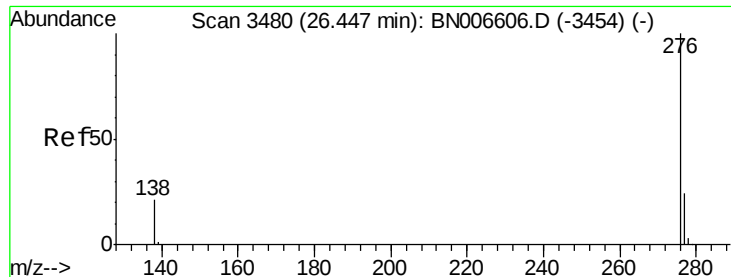
Abundance

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(g,h,i)perylene

Concen: 0.416 ng

RT: 26.42 min Scan# 3471

Delta R.T. -0.03 min

Lab File: BN006640.D

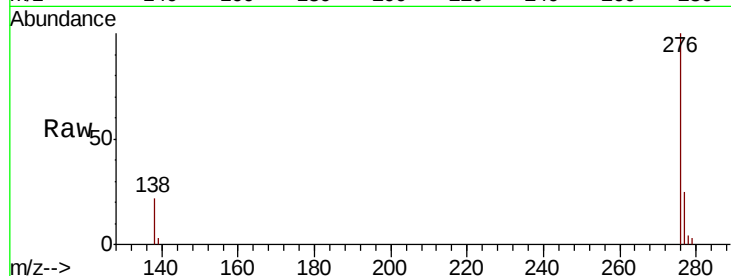
Acq: 29 Jun 2019 07:23

Instrument :

BNA_N

ClientSampleId :

PB120801BS



Tgt Ion: 276 Resp: 22075

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 22.5 17.7 26.5

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

