

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006626.D
 Acq On : 28 Jun 2019 22:45
 Operator : HP/JU
 Sample : K3427-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-190617

Quant Time: Jun 29 01:13:19 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	3256	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	13408	0.40	ng	0.00
13) Acenaphthene-d10	14.28	164	8949	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	20003	0.40	ng	0.00
27) Chrysene-d12	21.26	240	21575	0.40	ng	-0.01
34) Perylene-d12	23.48	264	20693	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1448	0.18	ng	0.00
5) Phenol-d6	6.84	99	1102	0.10	ng	0.00
8) Nitrobenzene-d5	8.81	82	3843	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.01	152	5651	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1357	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	19591	0.59	ng	-0.01
25) Fluoranthene-d10	19.08	212	17184	0.29	ng	0.00
29) Terphenyl-d14	19.68	244	25228	0.56	ng	0.00

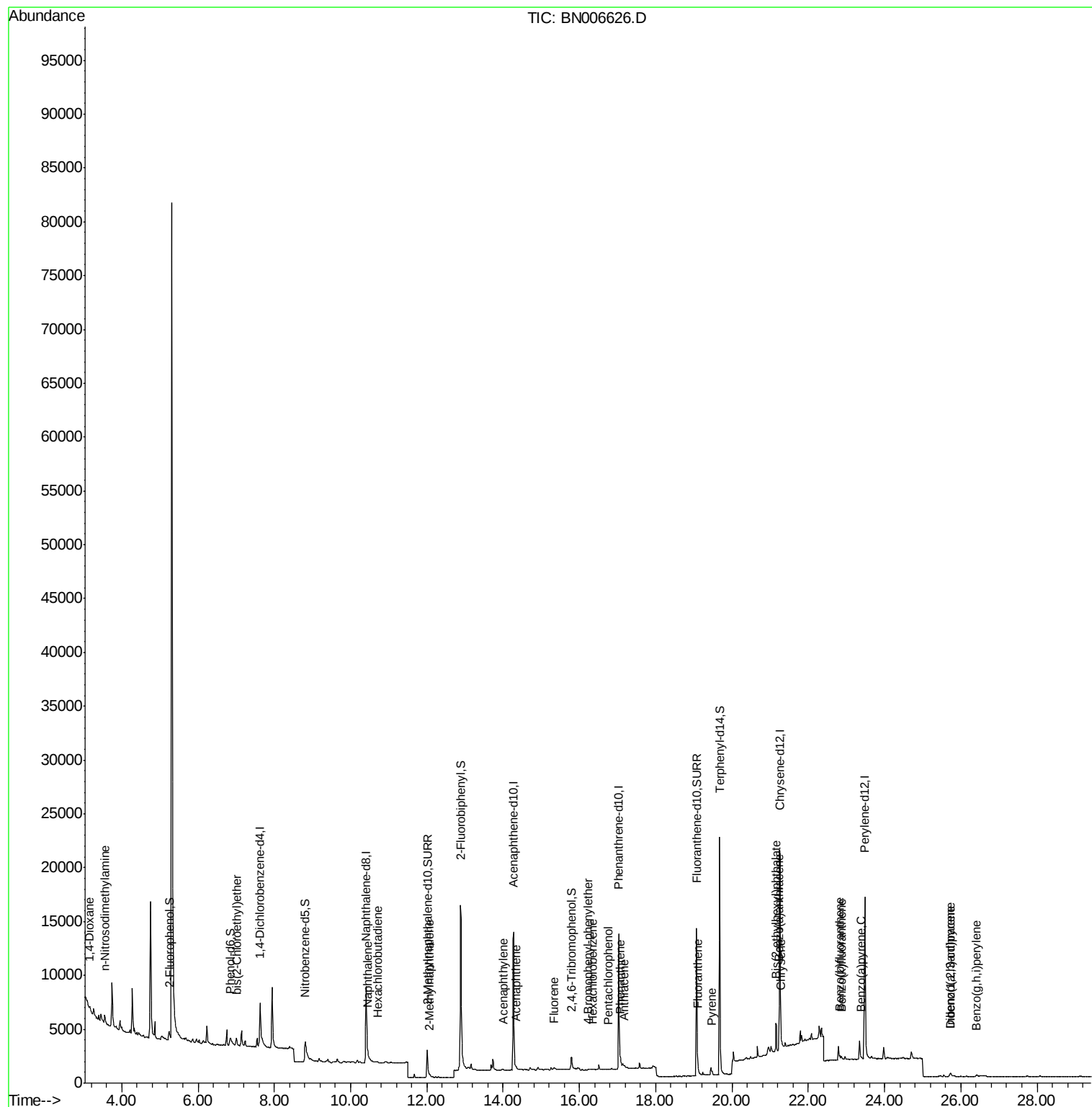
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	161	0.036	ng	# 1
3) n-Nitrosodimethylamine	3.55	42	107	0.030	ng	# 1
6) bis(2-Chloroethyl)ether	7.02	93	9	0.001	ng	# 26
9) Naphthalene	10.45	128	102	0.003	ng	# 1
10) Hexachlorobutadiene	10.72	225	12	0.002	ng	# 86
12) 2-Methylnaphthalene	12.08	142	63	0.003	ng	# 60
16) Acenaphthylene	14.00	152	195	0.005	ng	# 78
17) Acenaphthene	14.33	154	66	0.002	ng	# 95
18) Fluorene	15.34	166	120	0.003	ng	# 76
20) 4-Bromophenyl-phenylether	16.23	248	28	0.003	ng	# 48
21) Hexachlorobenzene	16.34	284	53	0.004	ng	# 60
22) Pentachlorophenol	16.76	266	20	0.198	ng	# 75
23) Phenanthrene	17.08	178	445	0.008	ng	# 83
24) Anthracene	17.17	178	263	0.005	ng	# 93
26) Fluoranthene	19.11	202	387	0.006	ng	# 82
28) Pyrene	19.47	202	373	0.005	ng	# 93
30) Benzo(a)anthracene	21.24	228	399	0.006	ng	# 49
31) Chrysene	21.29	228	426	0.006	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.15	149	2761	0.078	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.73	276	388	0.005	ng	# 88
35) Benzo(b)fluoranthene	22.82	252	630	0.009	ng	# 1
36) Benzo(k)fluoranthene	22.86	252	400	0.005	ng	# 1
37) Benzo(a)pyrene	23.39	252	221	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	25.73	278	264	0.005	ng	# 1
39) Benzo(g,h,i)perylene	26.41	276	322	0.006	ng	# 3

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

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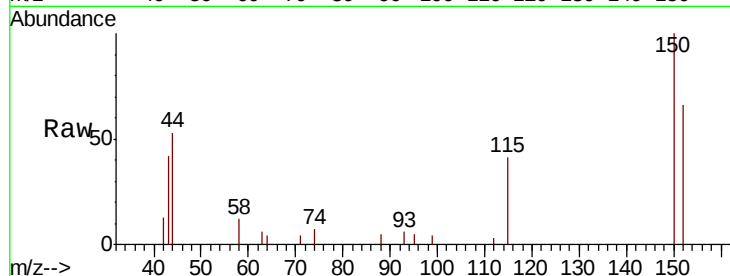


#1

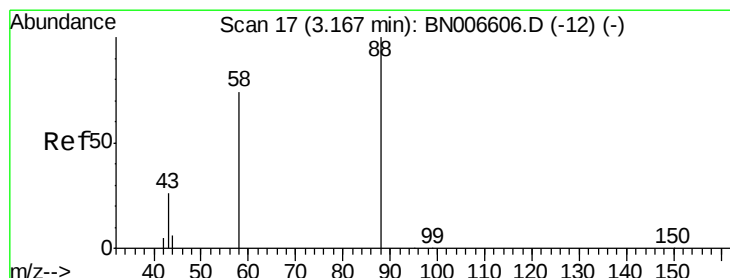
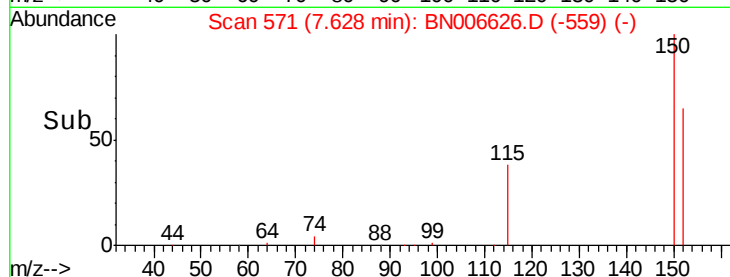
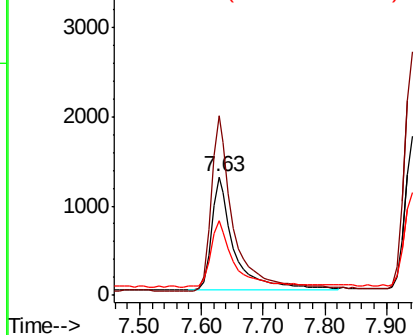
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006626.D
Acq: 28 Jun 2019 22:45

Instrument :
BNA_N
ClientSampleId :
KY038PS037-190617

Tgt Ion: 152 Resp: 3256
Ion Ratio Lower Upper
152 100
150 151.6 122.2 183.2
115 62.8 50.0 75.0



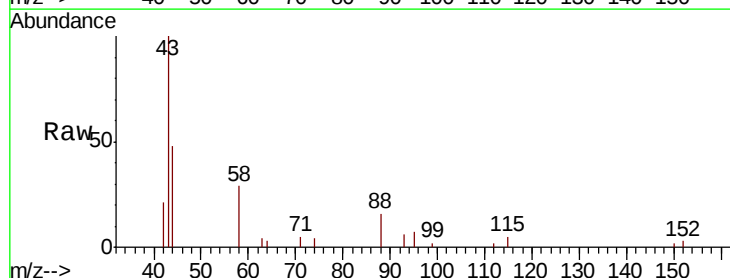
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



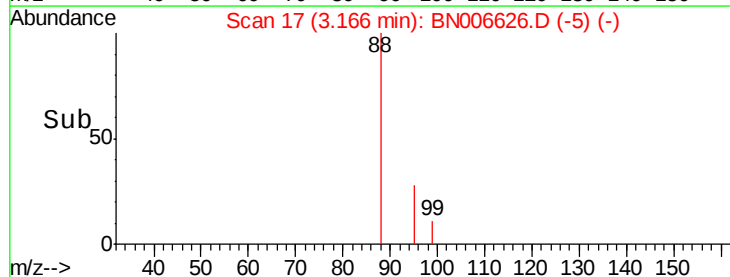
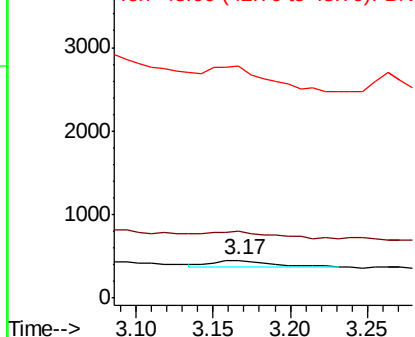
#2

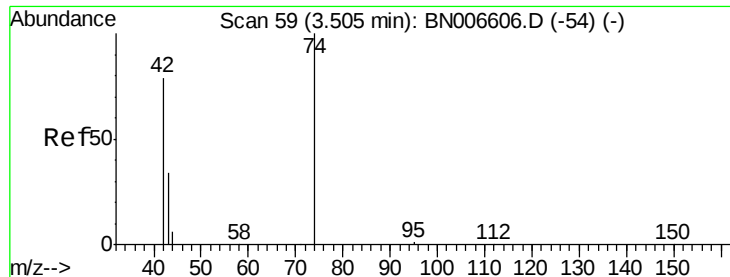
1,4-Dioxane
Concen: 0.036 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006626.D
Acq: 28 Jun 2019 22:45

Tgt Ion: 88 Resp: 161
Ion Ratio Lower Upper
88 100
58 152.2 62.5 93.7#
43 456.5 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: 0.030 ng

RT: 3.55 min Scan# 65

Delta R.T. 0.05 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

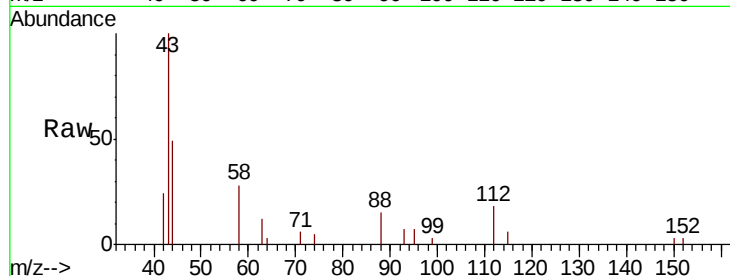
Tgt Ion: 42 Resp: 107

Ion Ratio Lower Upper

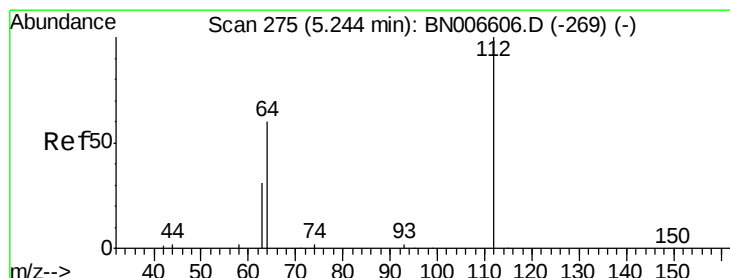
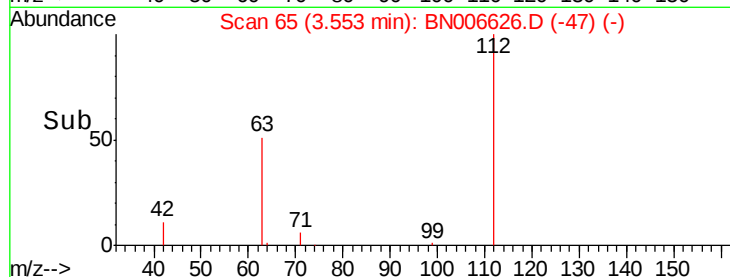
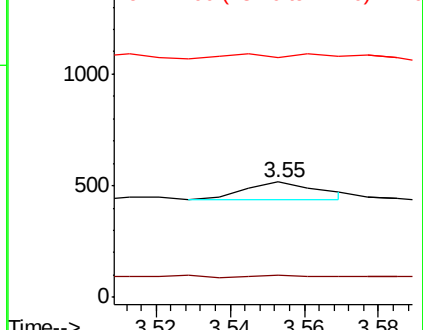
42 100

74 9.3 103.1 154.7#

44 21.5 3.4 5.2#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.181 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.00 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

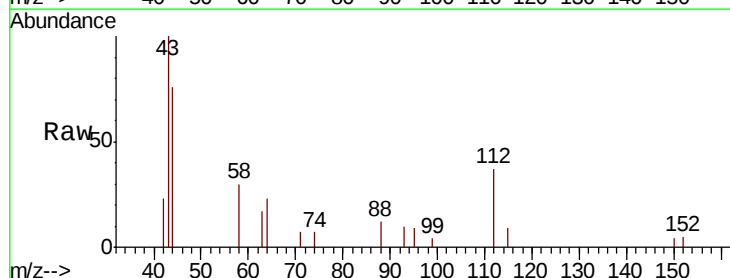
Tgt Ion: 112 Resp: 1448

Ion Ratio Lower Upper

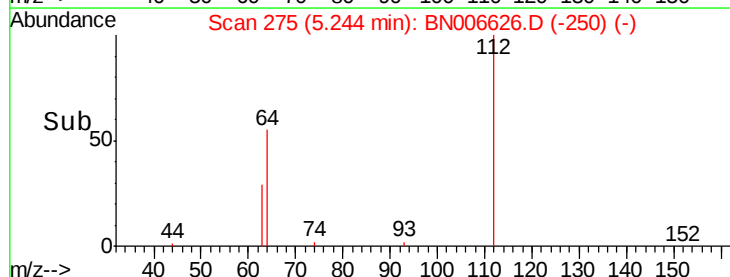
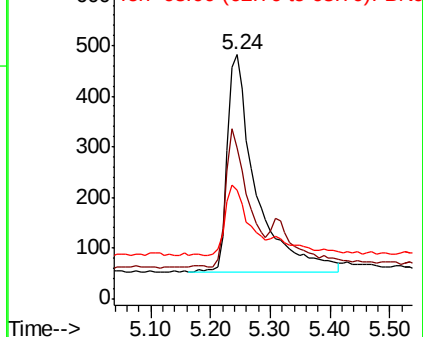
112 100

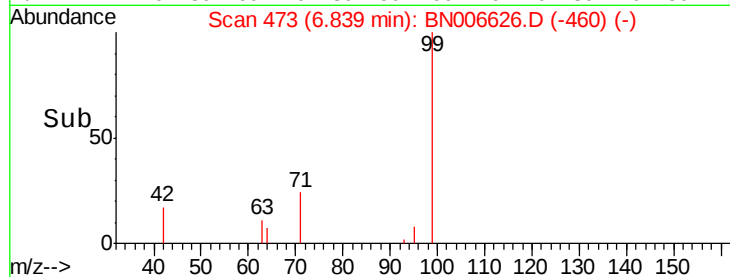
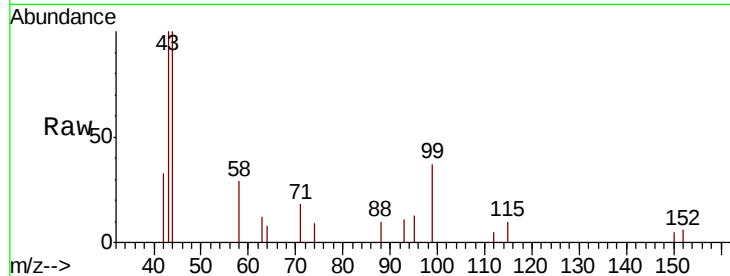
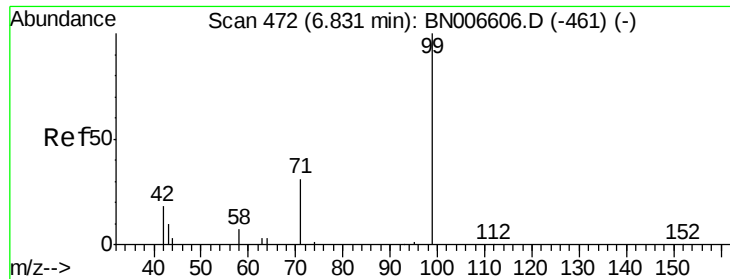
64 48.1 48.9 73.3#

63 26.1 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.104 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

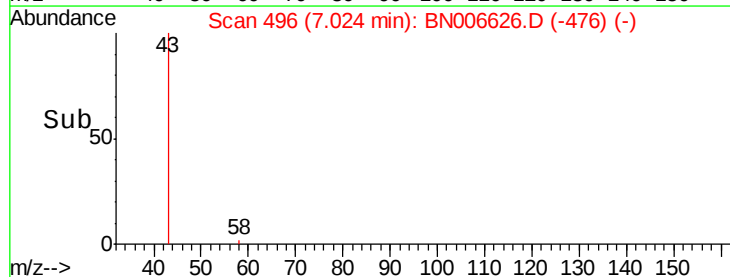
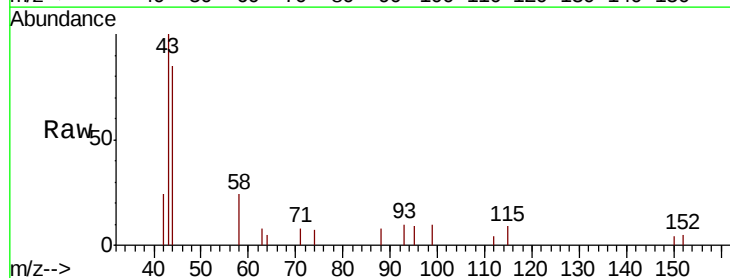
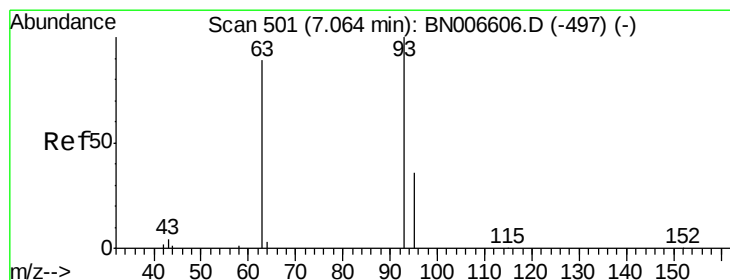
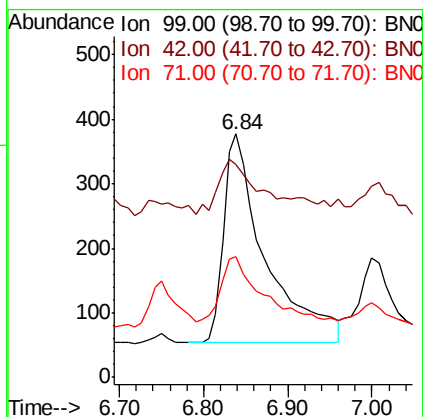
Tgt Ion: 99 Resp: 1102

Ion Ratio Lower Upper

99 100

42 25.0 16.4 24.6#

71 29.5 26.6 40.0



#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.02 min Scan# 496

Delta R.T. -0.04 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

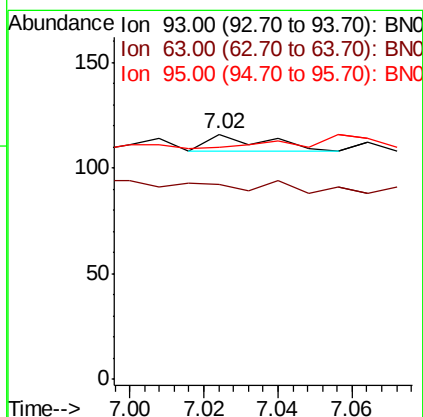
Tgt Ion: 93 Resp: 9

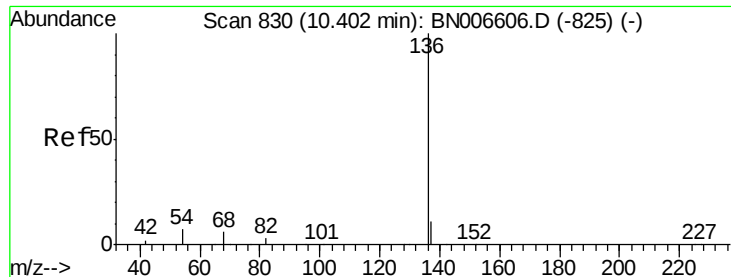
Ion Ratio Lower Upper

93 100

63 0.0 52.5 78.7#

95 0.0 24.2 36.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

Tgt Ion:136 Resp: 13408

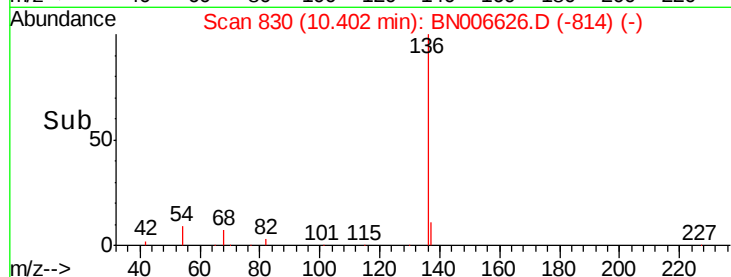
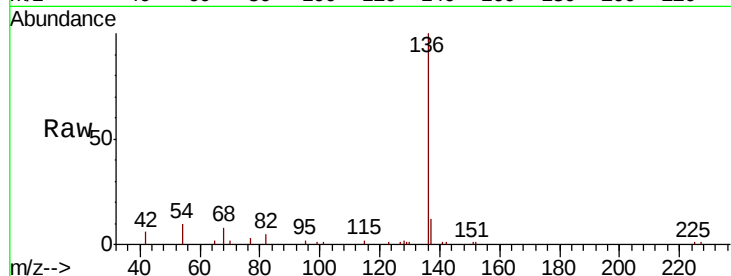
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 10.4 6.7 10.1#

68 8.5 5.3 7.9#

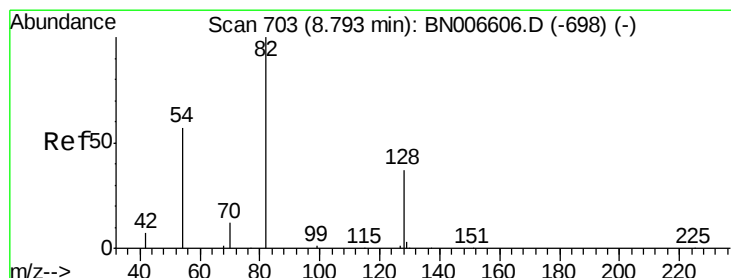
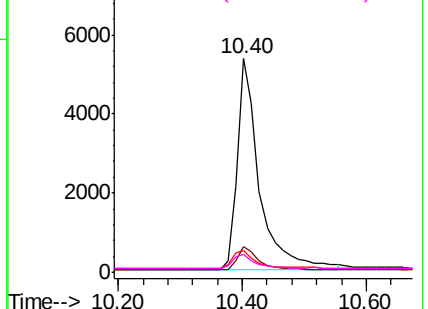


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.426 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

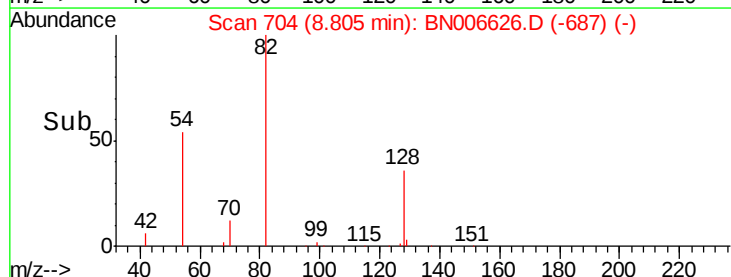
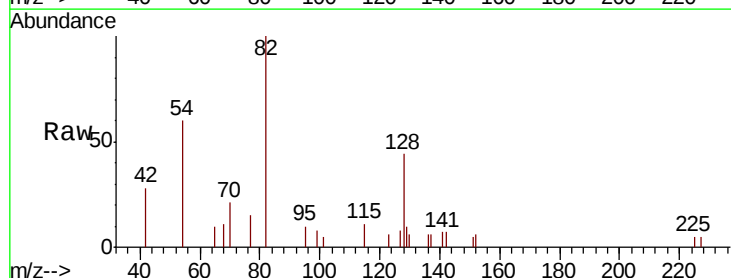
Tgt Ion: 82 Resp: 3843

Ion Ratio Lower Upper

82 100

128 43.6 32.6 49.0

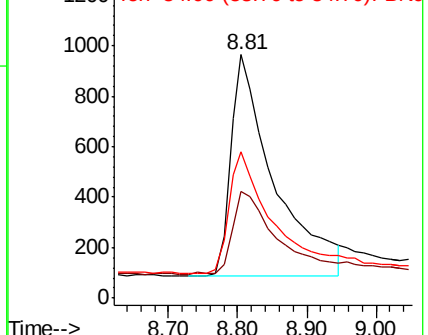
54 59.9 48.2 72.4

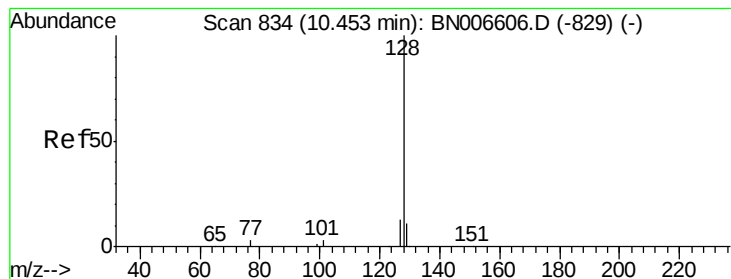


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.003 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

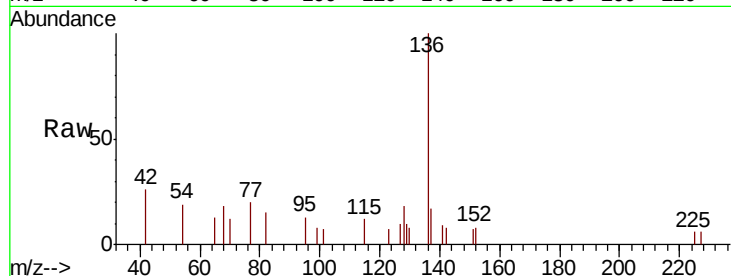
Tgt Ion:128 Resp: 102

Ion Ratio Lower Upper

128 100

129 58.5 9.3 13.9#

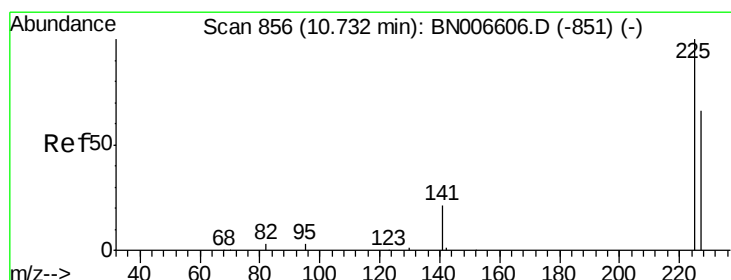
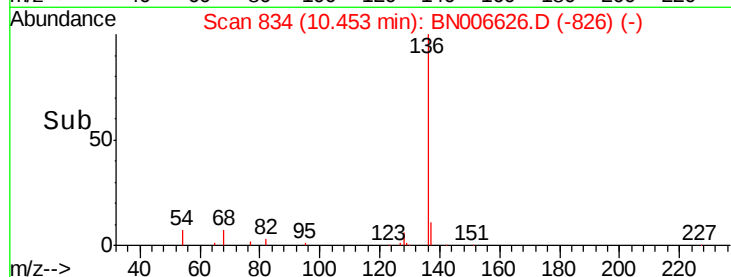
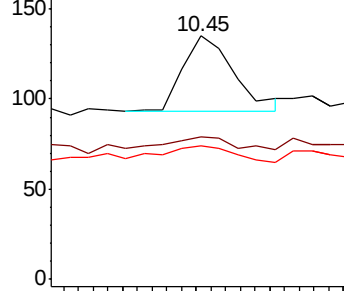
127 54.8 10.8 16.2#



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: 0.002 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.01 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

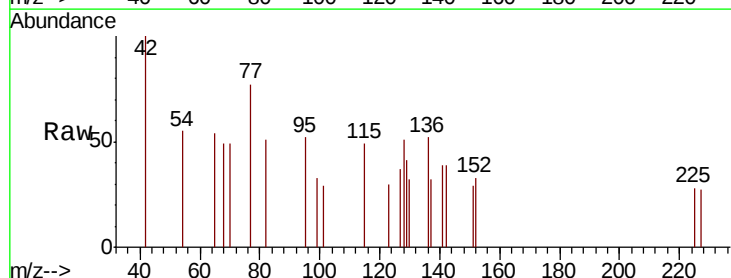
Tgt Ion:225 Resp: 12

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

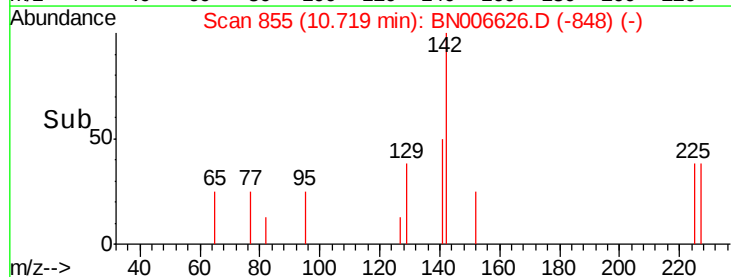
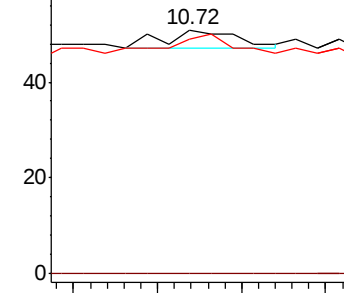
227 75.0 51.4 77.2

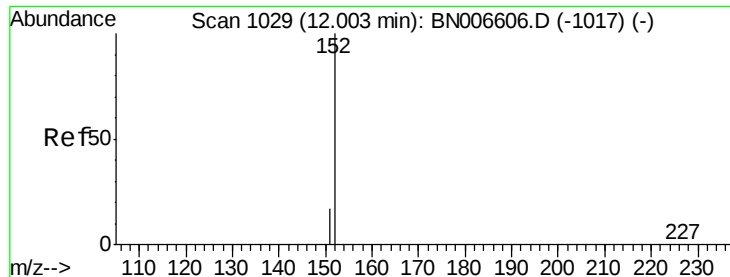


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

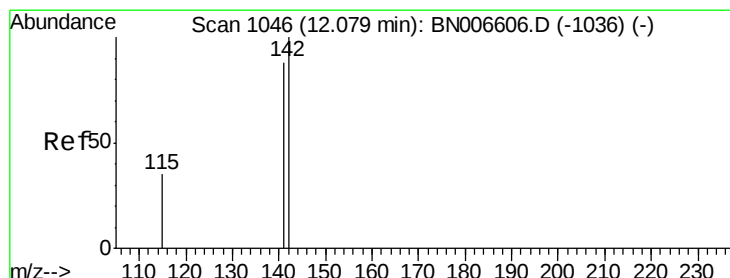
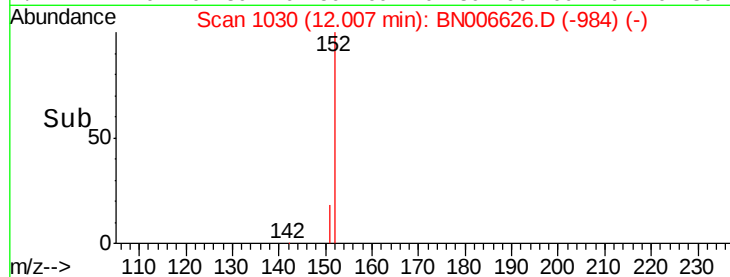
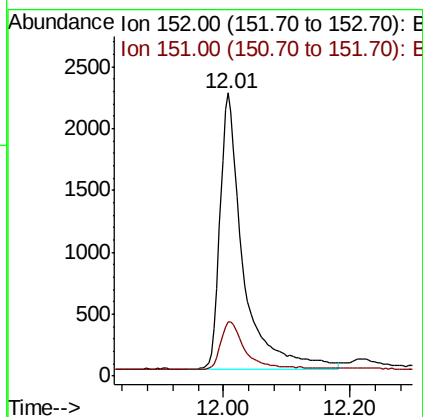
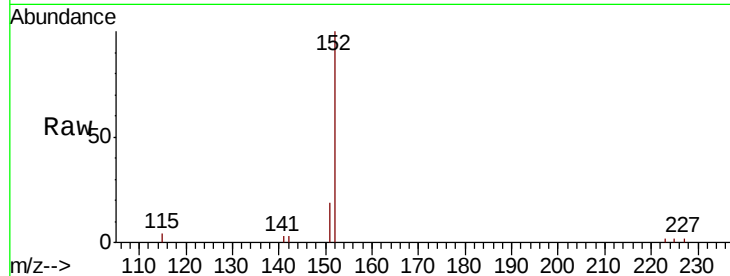




#11
 2-Methylnaphthalene-d10
 Concen: 0.268 ng
 RT: 12.01 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BN006626.D
 Acq: 28 Jun 2019 22:45

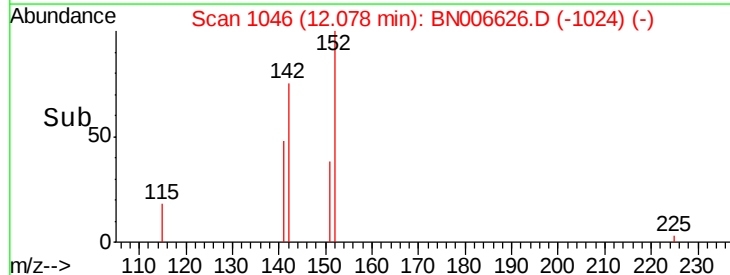
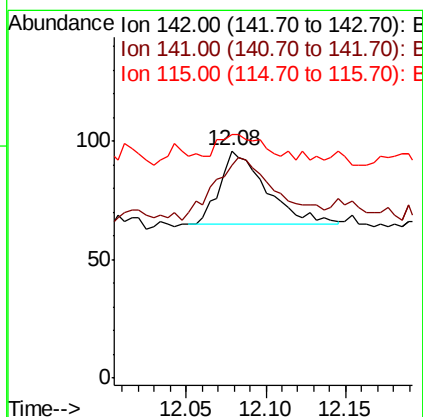
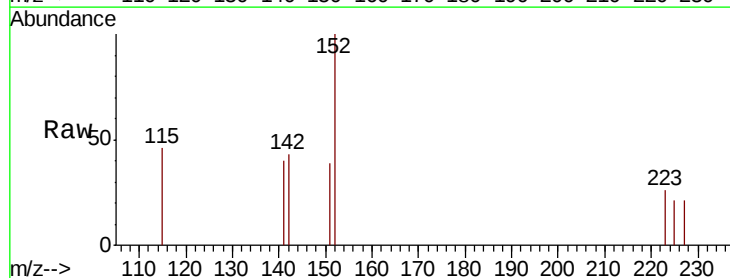
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-190617

Tgt Ion:152 Resp: 5651
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.003 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BN006626.D
 Acq: 28 Jun 2019 22:45

Tgt Ion:142 Resp: 63
 Ion Ratio Lower Upper
 142 100
 141 93.8 70.2 105.4
 115 107.3 28.5 42.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

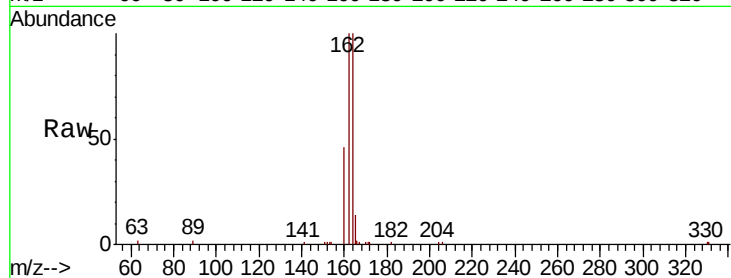
Tgt Ion:164 Resp: 8949

Ion Ratio Lower Upper

164 100

162 99.5 80.0 120.0

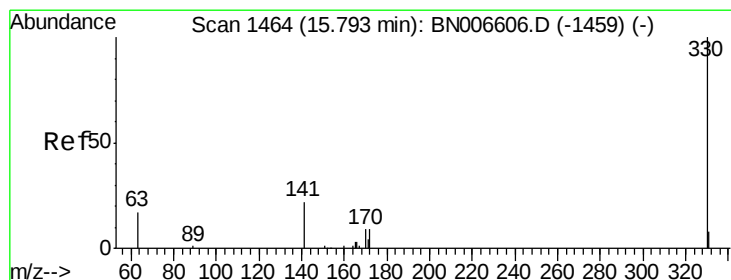
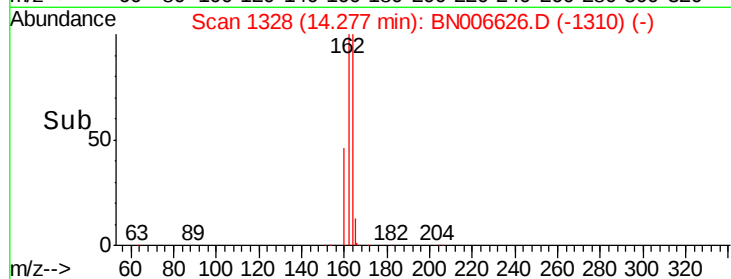
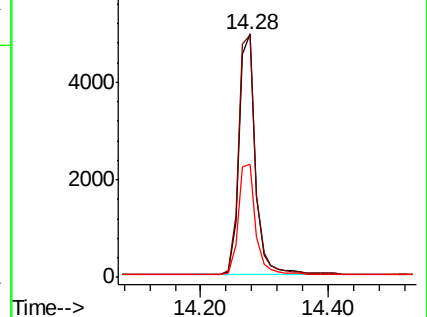
160 46.3 37.0 55.4



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: 0.322 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

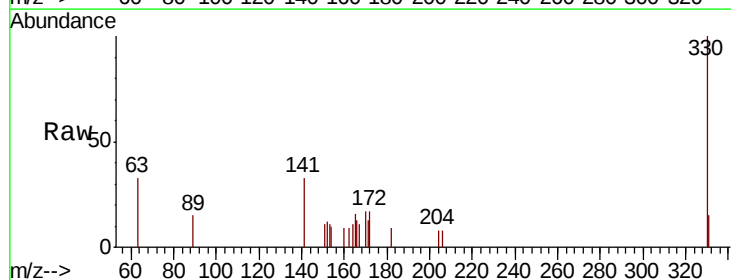
Tgt Ion:330 Resp: 1357

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

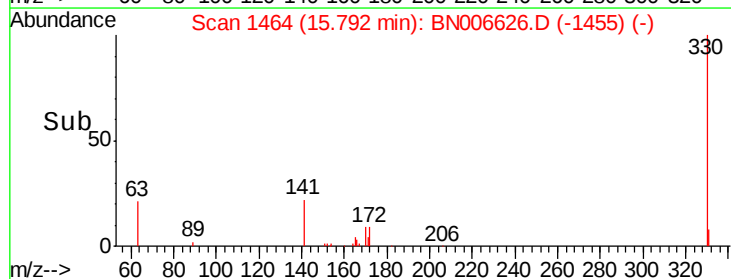
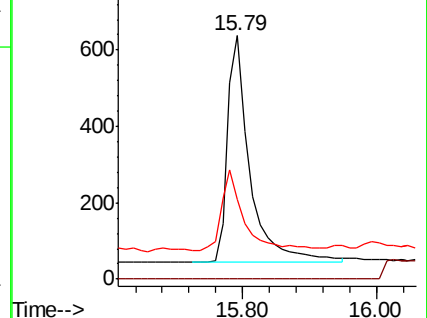
141 37.4 26.5 39.7



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

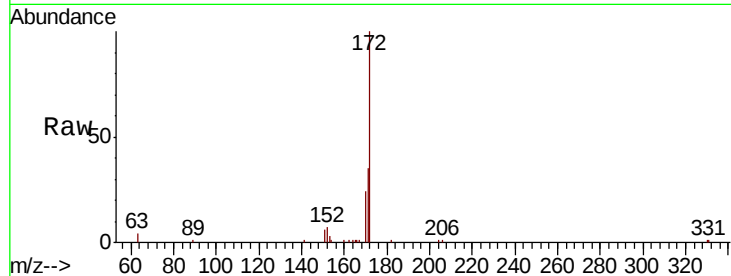




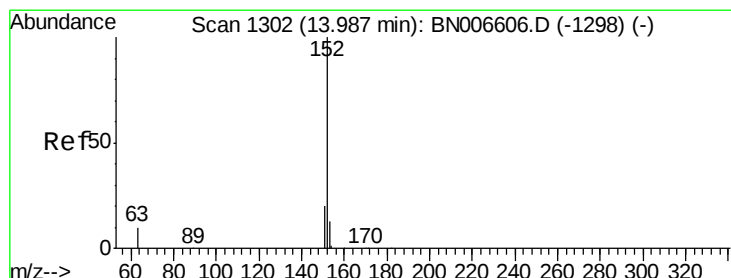
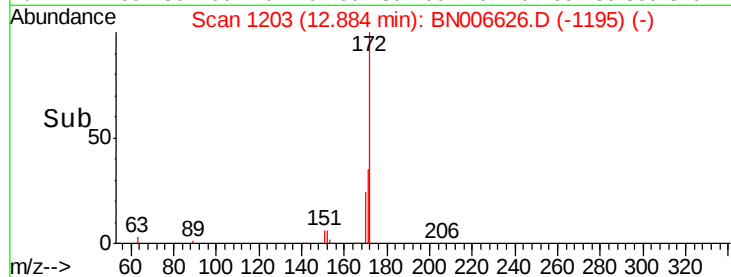
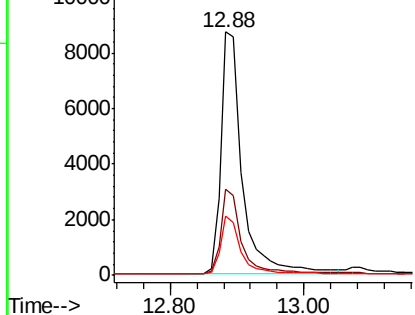
#15
2-Fluorobiphenyl
Concen: 0.591 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006626.D
Acq: 28 Jun 2019 22:45

Instrument :
BNA_N
ClientSampleId :
KY038PS037-190617

Tgt Ion:172 Resp: 19591
Ion Ratio Lower Upper
172 100
171 35.3 27.0 40.4
170 24.2 17.7 26.5

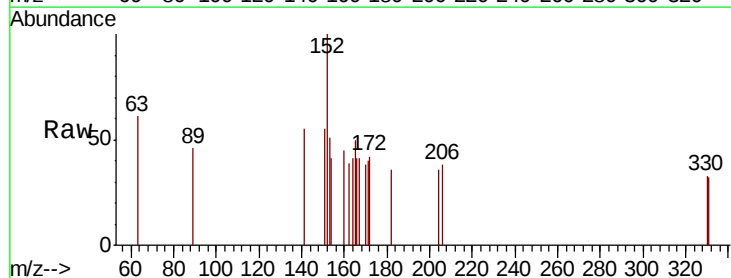


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

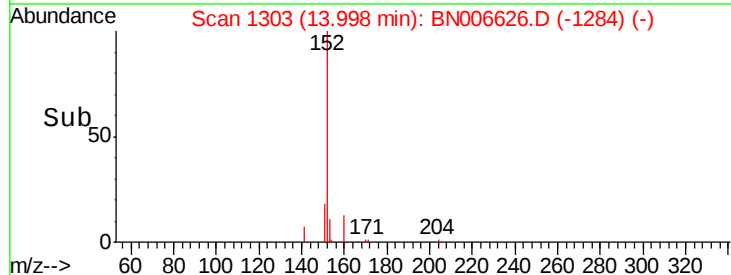
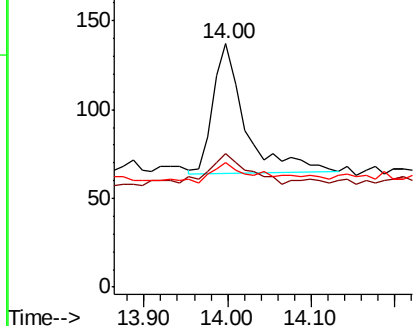


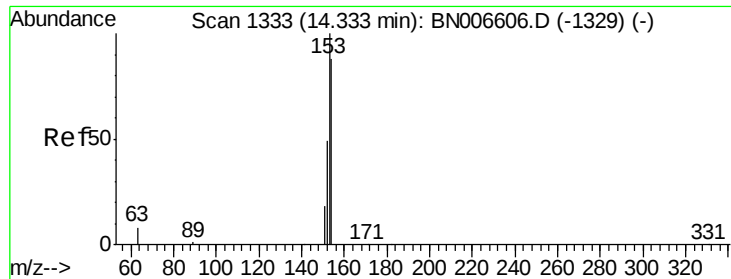
#16
Acenaphthylene
Concen: 0.005 ng
RT: 14.00 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BN006626.D
Acq: 28 Jun 2019 22:45

Tgt Ion:152 Resp: 195
Ion Ratio Lower Upper
152 100
151 34.9 15.6 23.4#
153 14.9 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

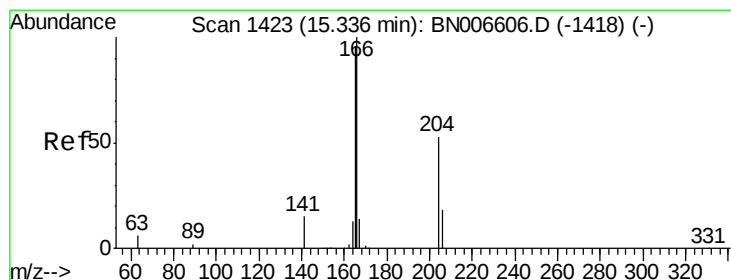
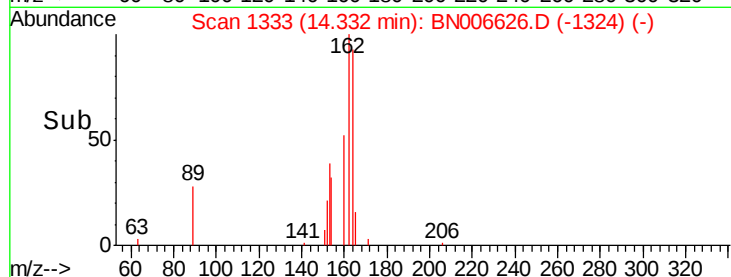
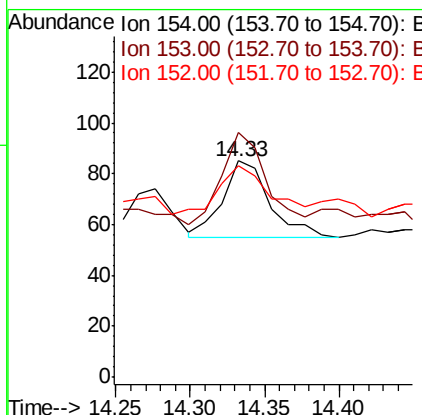
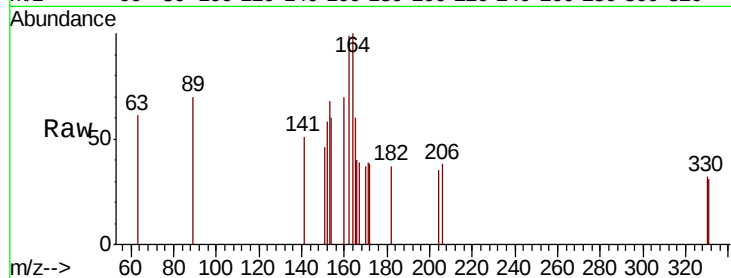




#17
Acenaphthene
Concen: 0.002 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006626.D
Acq: 28 Jun 2019 22:45

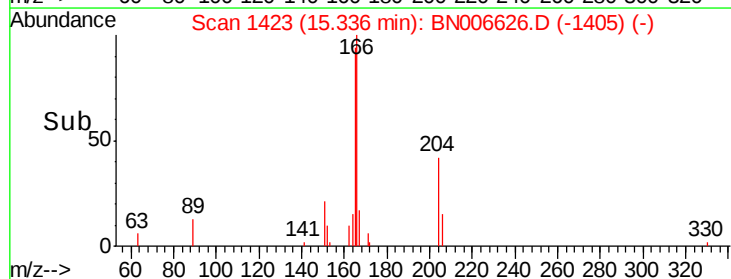
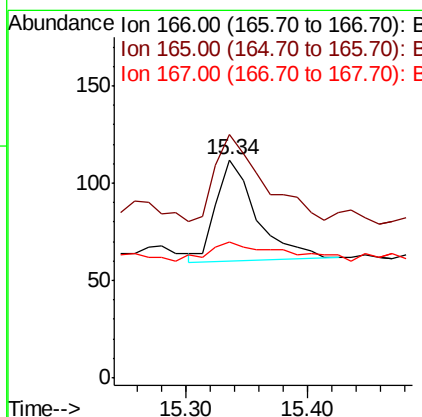
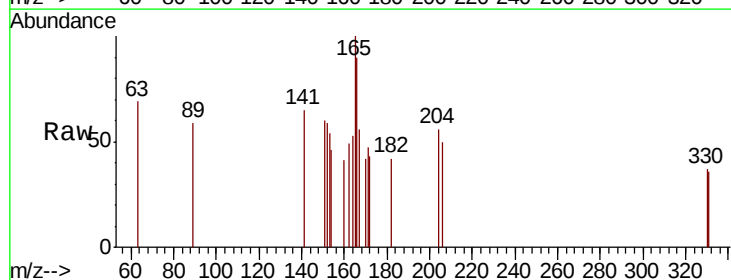
Instrument :
BNA_N
ClientSampleId :
KY038PS037-190617

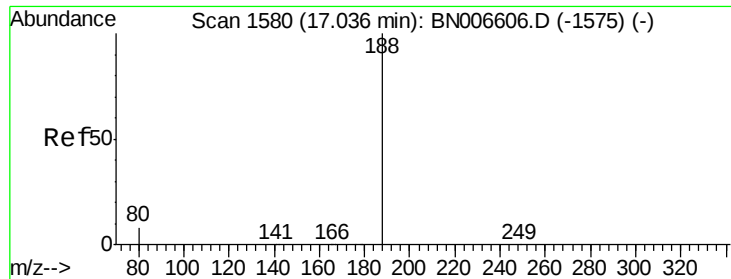
Tgt Ion:154 Resp: 66
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.4
152 65.2 44.2 66.4



#18
Fluorene
Concen: 0.003 ng
RT: 15.34 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN006626.D
Acq: 28 Jun 2019 22:45

Tgt Ion:166 Resp: 120
Ion Ratio Lower Upper
166 100
165 116.7 78.4 117.6
167 37.5 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: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

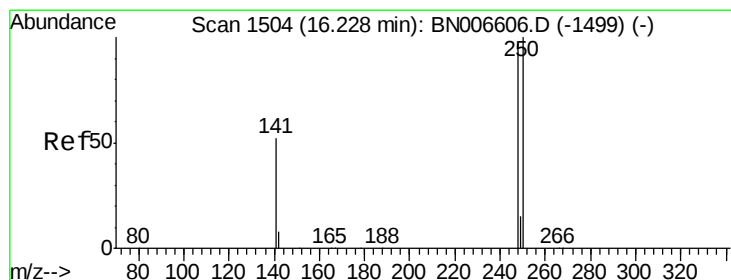
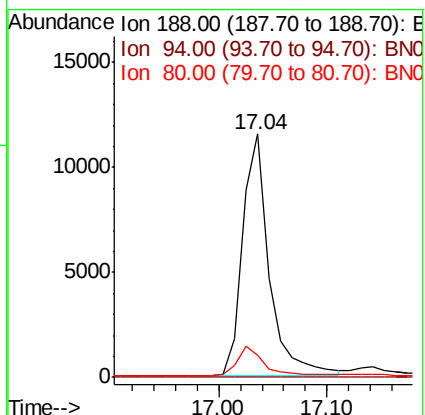
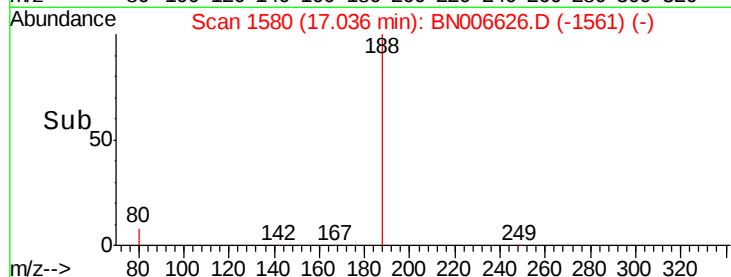
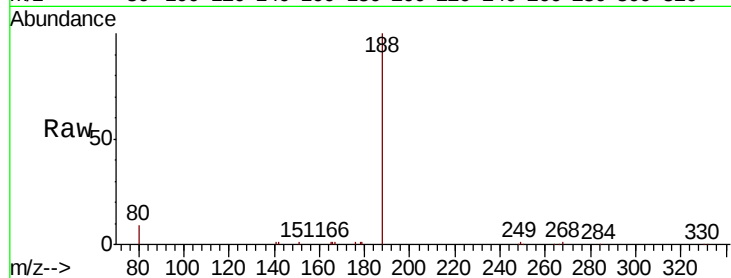
Tgt Ion:188 Resp: 20003

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 7.1 10.7



#20

4-Bromophenyl-phenylether

Concen: 0.003 ng

RT: 16.23 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

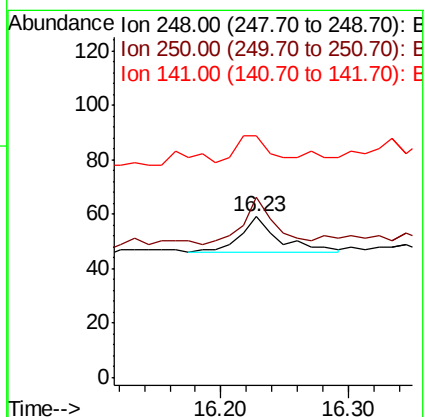
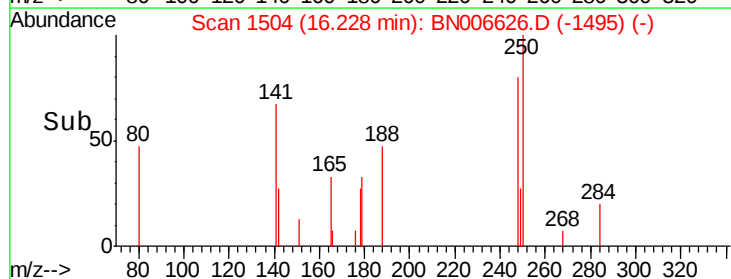
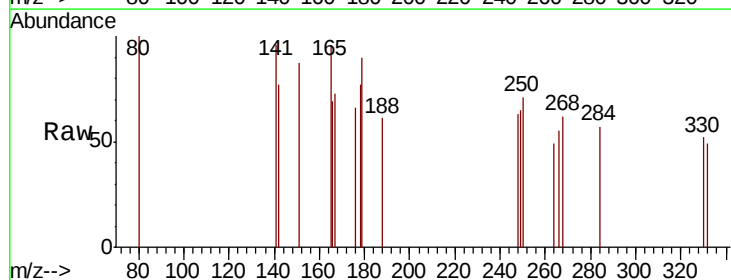
Tgt Ion:248 Resp: 28

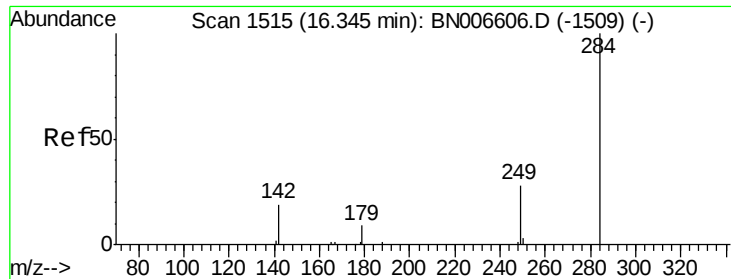
Ion Ratio Lower Upper

248 100

250 111.9 82.2 123.4

141 150.8 43.8 65.8#





#21

Hexachlorobenzene

Concen: 0.004 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

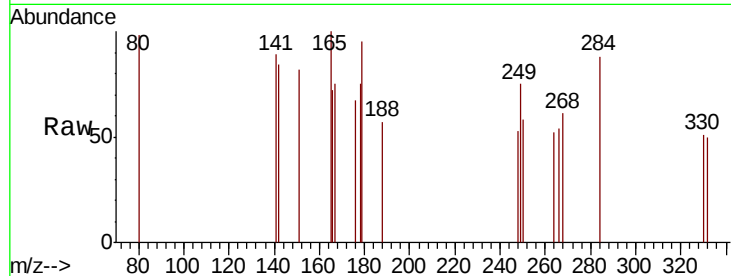
Tgt Ion:284 Resp: 53

Ion Ratio Lower Upper

284 100

142 64.2 27.5 41.3#

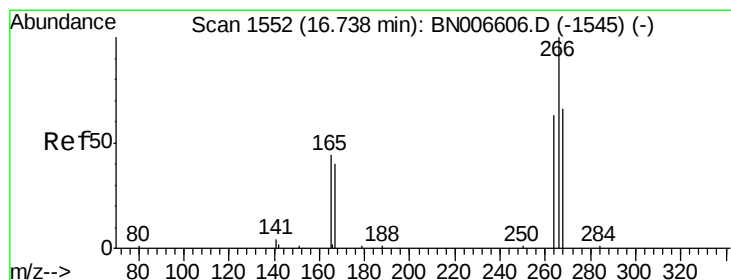
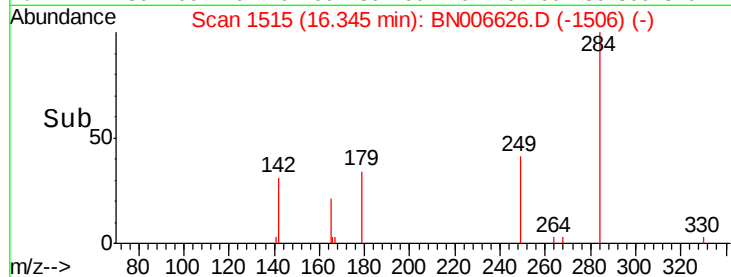
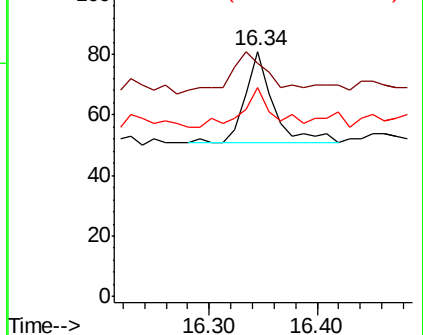
249 45.3 24.7 37.1#



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: 0.198 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.02 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

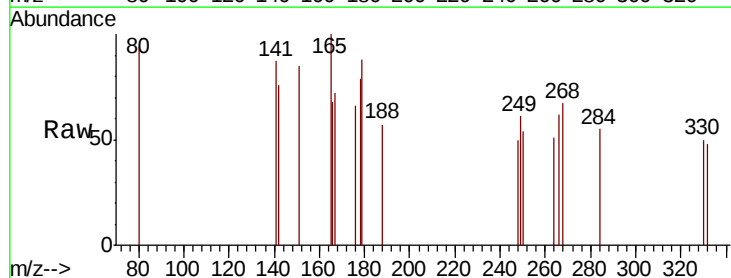
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 82.8 56.2 84.4

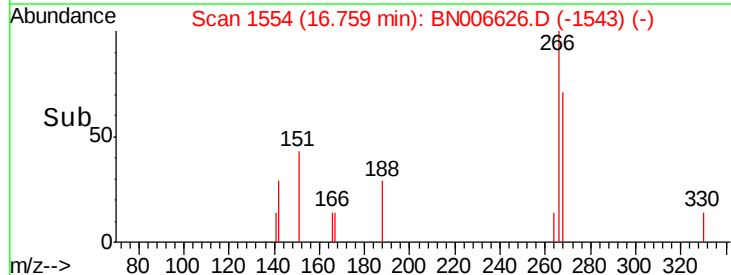
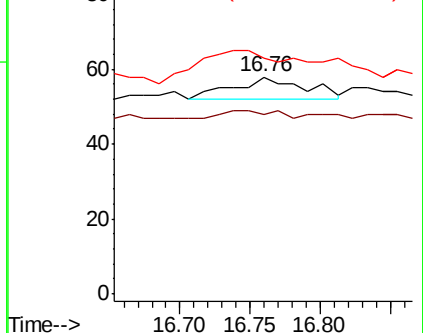
268 108.6 63.0 94.4#

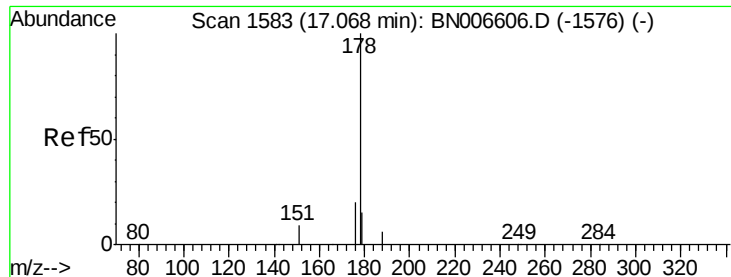


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.008 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

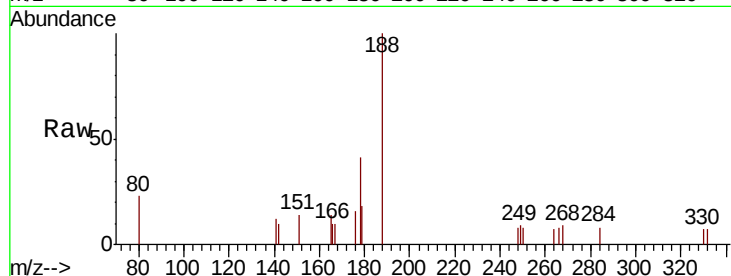
Tgt Ion:178 Resp: 445

Ion Ratio Lower Upper

178 100

176 20.9 15.3 22.9

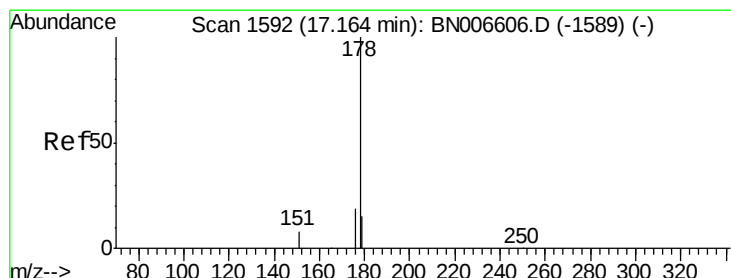
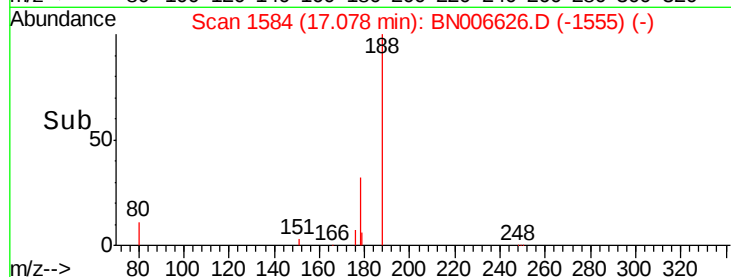
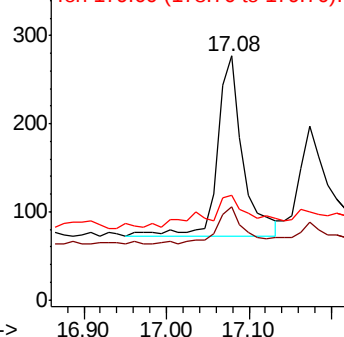
179 29.0 12.2 18.4#



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: 0.005 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

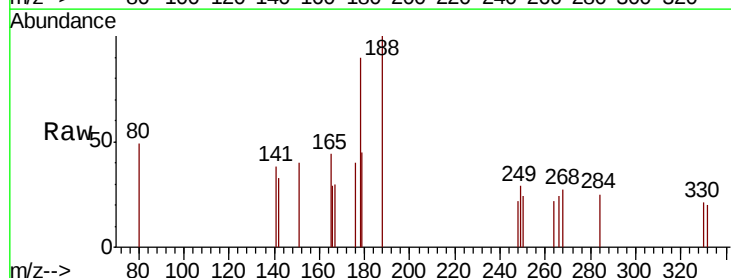
Tgt Ion:178 Resp: 263

Ion Ratio Lower Upper

178 100

176 19.8 15.0 22.4

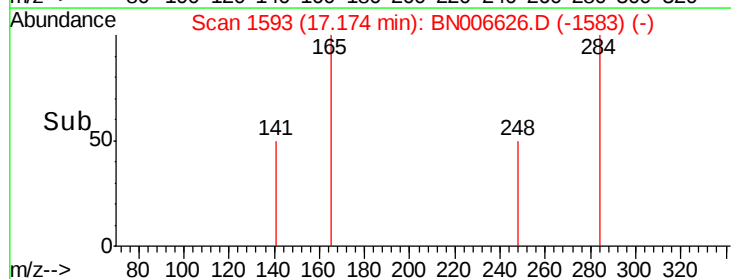
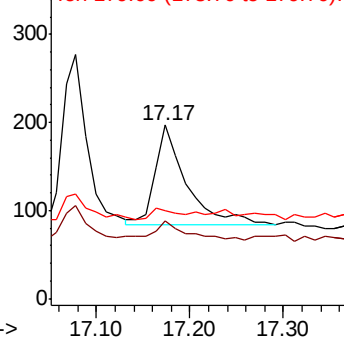
179 9.9 12.2 18.2#

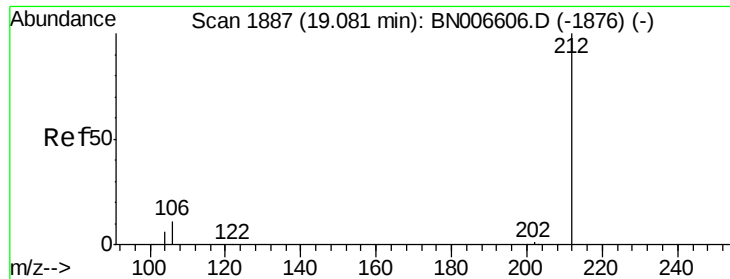


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.293 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

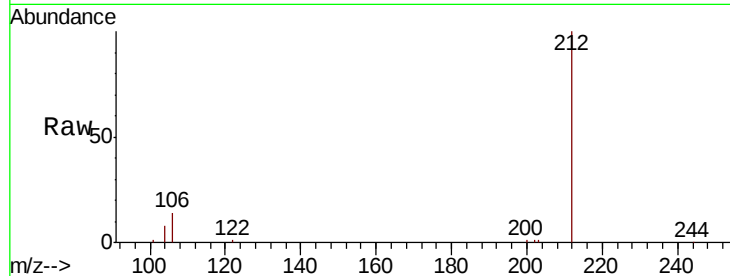
Tgt Ion:212 Resp: 17184

Ion Ratio Lower Upper

212 100

106 13.7 10.6 15.8

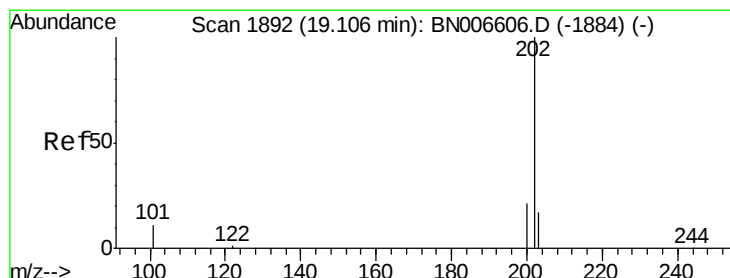
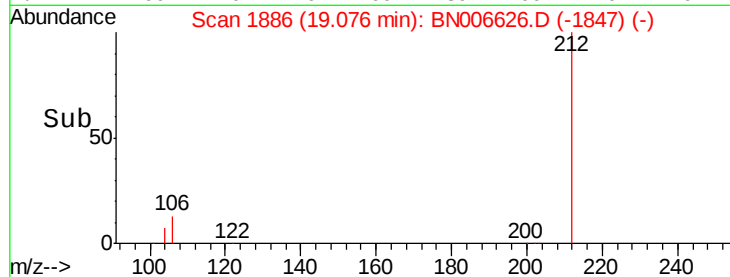
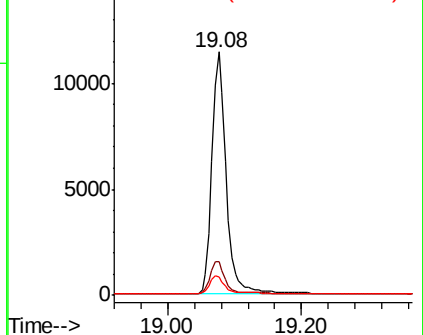
104 7.5 5.8 8.6



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: 0.006 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

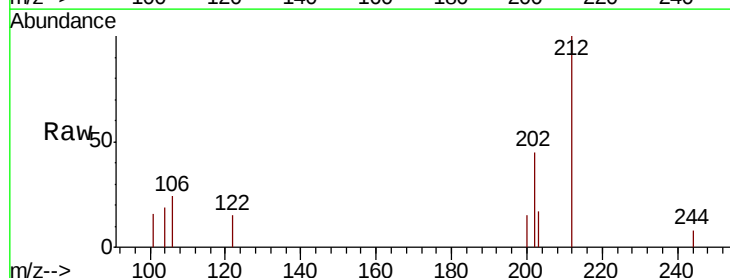
Tgt Ion:202 Resp: 387

Ion Ratio Lower Upper

202 100

101 13.2 8.9 13.3

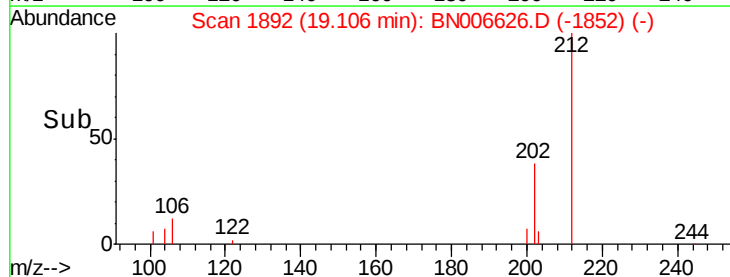
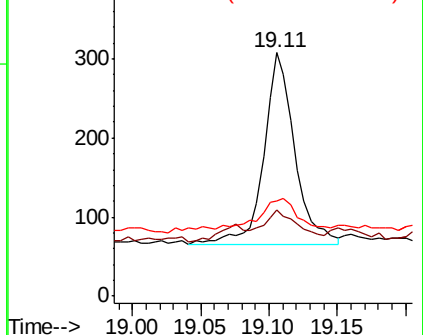
203 28.2 13.6 20.4#

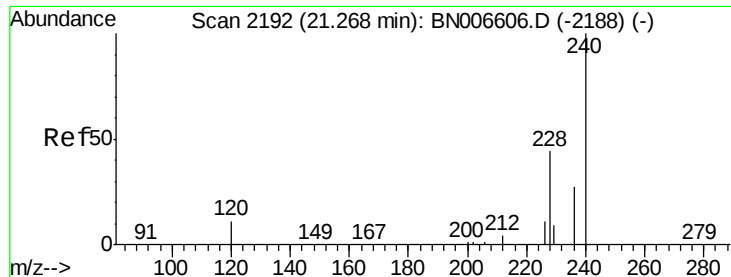


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

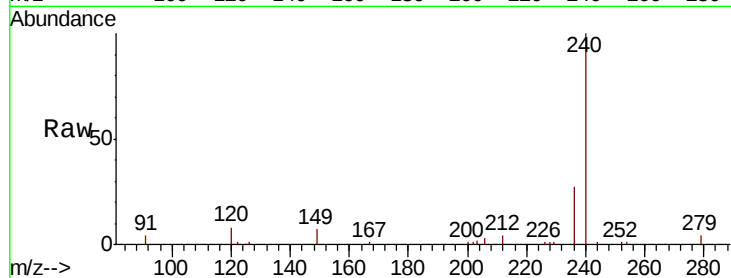
Tgt Ion:240 Resp: 21575

Ion Ratio Lower Upper

240 100

120 8.2 9.9 14.9#

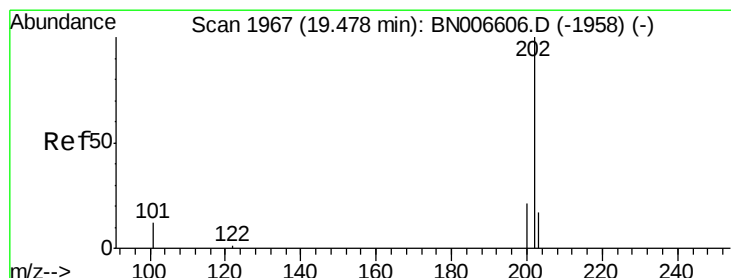
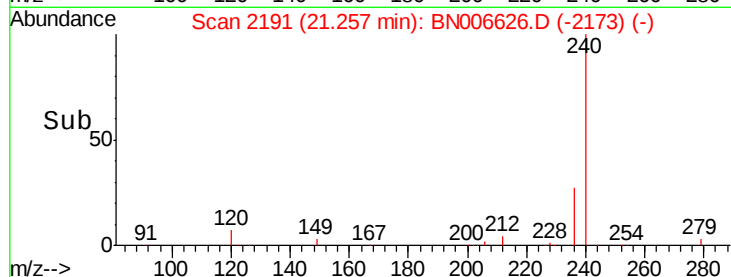
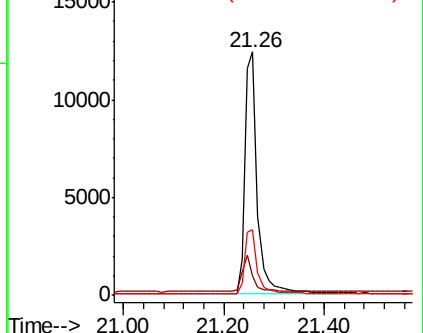
236 27.2 22.2 33.4



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: 0.005 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

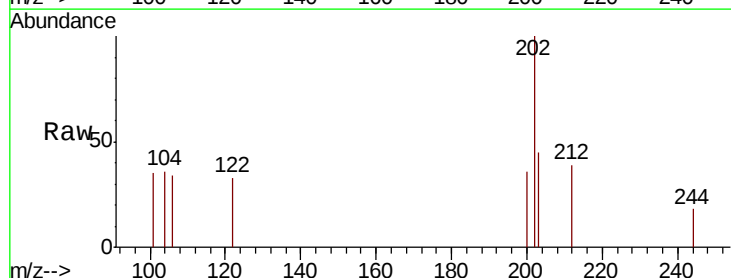
Tgt Ion:202 Resp: 373

Ion Ratio Lower Upper

202 100

200 25.2 16.7 25.1#

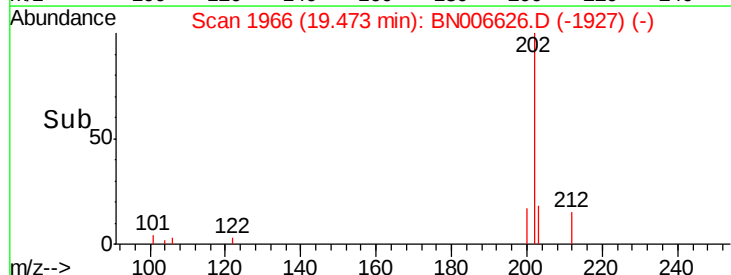
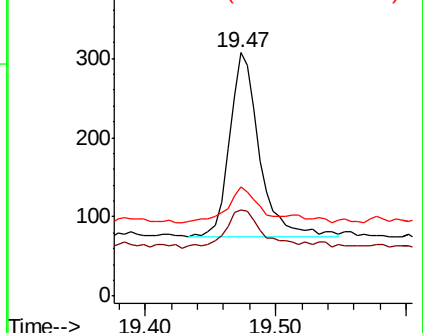
203 19.6 14.1 21.1

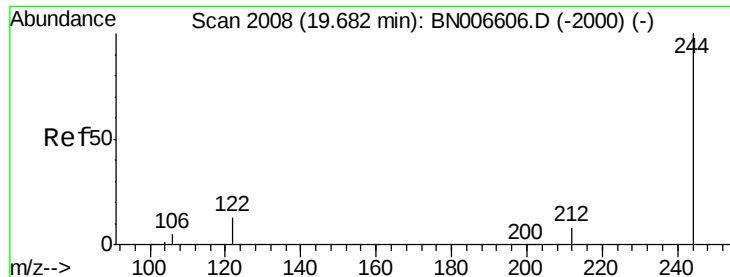


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.558 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

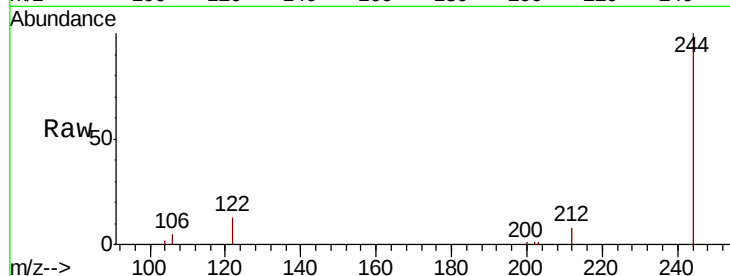
Tgt Ion:244 Resp: 25228

Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

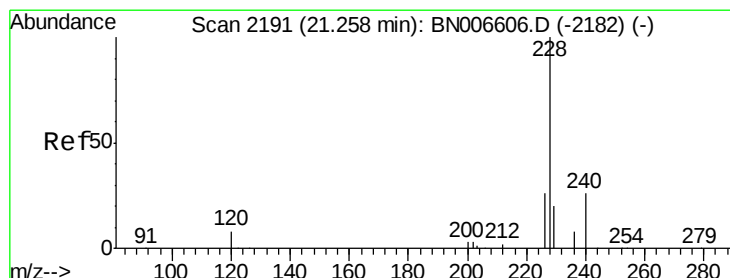
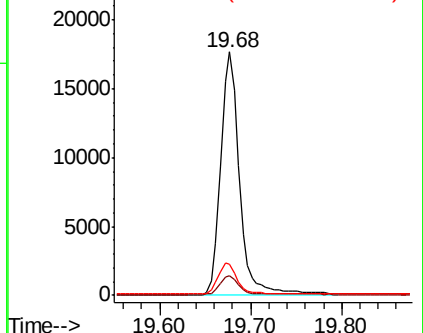
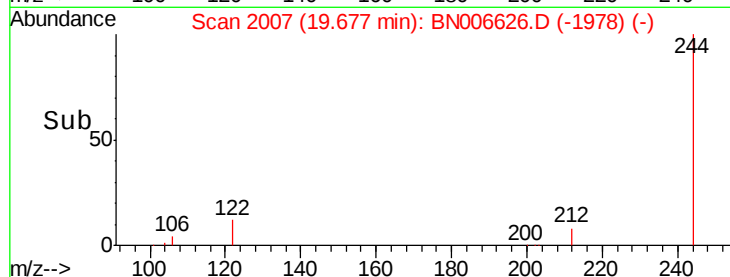
122 12.8 11.0 16.6



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: 0.006 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

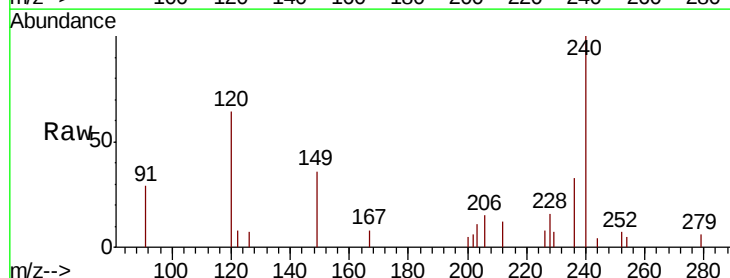
Tgt Ion:228 Resp: 399

Ion Ratio Lower Upper

228 100

226 49.8 21.2 31.8#

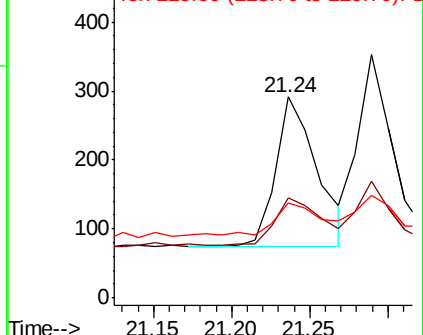
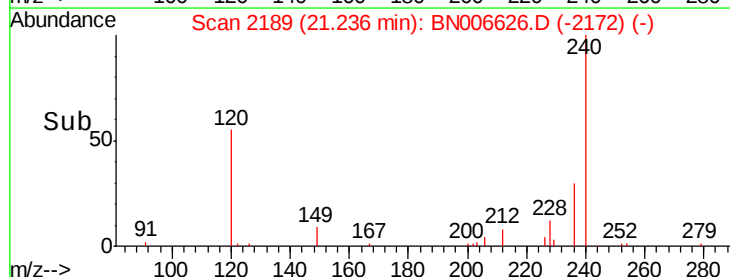
229 47.4 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.006 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

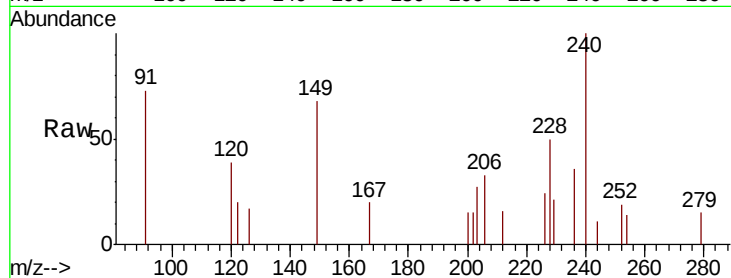
Tgt Ion:228 Resp: 426

Ion Ratio Lower Upper

228 100

226 48.2 23.8 35.6#

229 41.9 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

21.29

300

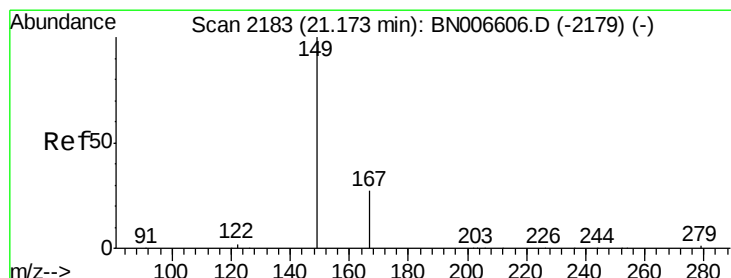
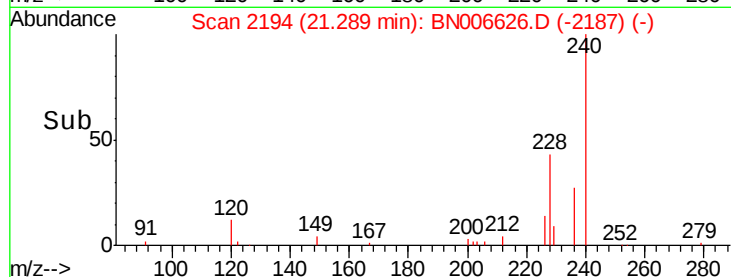
200

100

0

21.25 21.30 21.35

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

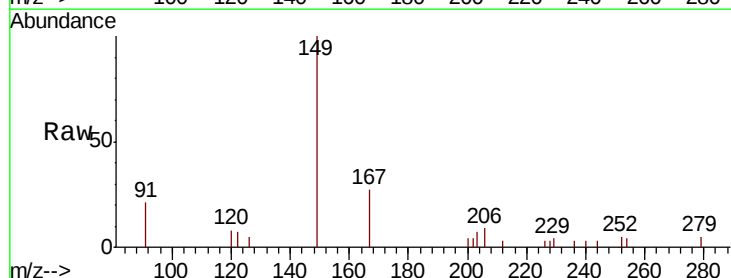
Tgt Ion:149 Resp: 2761

Ion Ratio Lower Upper

149 100

167 29.2 22.9 34.3

279 4.3 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

21.15

3000

2500

2000

1500

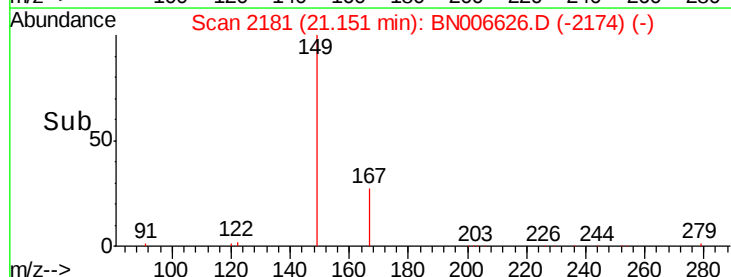
1000

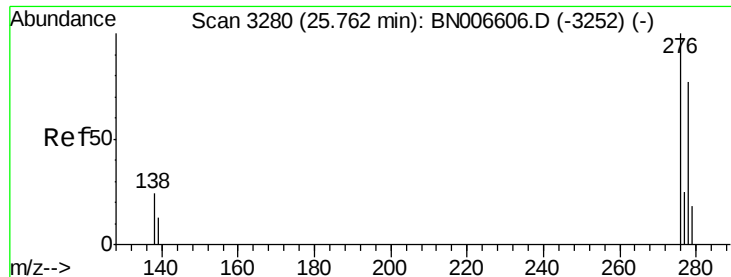
500

0

21.10 21.15 21.20

Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.005 ng

RT: 25.73 min Scan# 3271

Delta R.T. -0.03 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

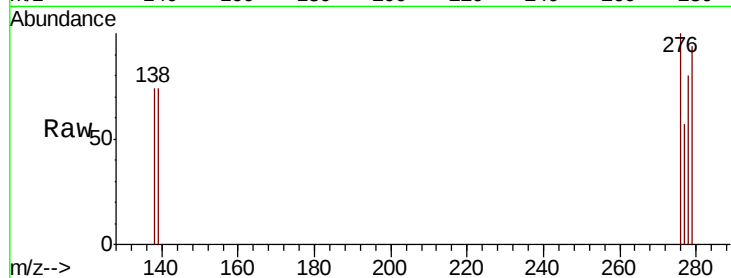
Tgt Ion:276 Resp: 388

Ion Ratio Lower Upper

276 100

138 15.5 19.3 28.9#

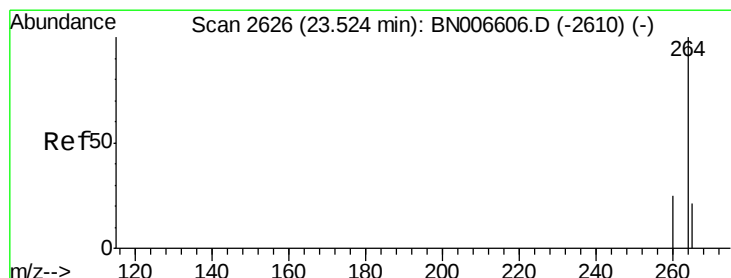
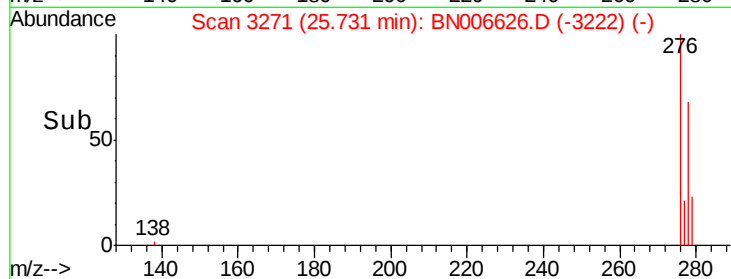
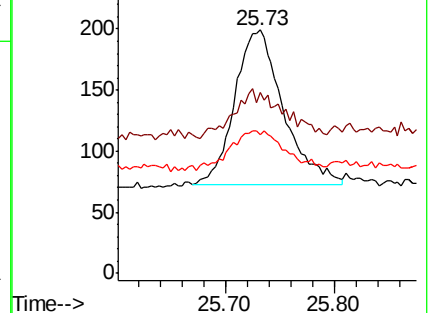
277 27.8 19.9 29.9



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: 23.48 min Scan# 2614

Delta R.T. -0.04 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

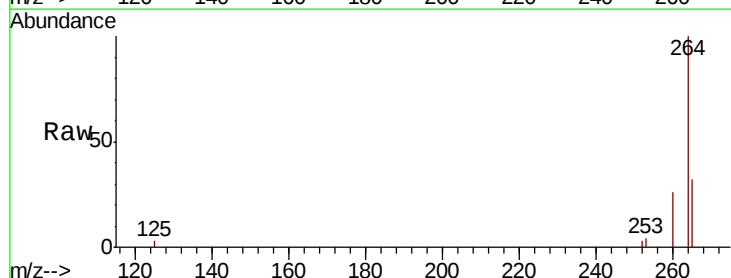
Tgt Ion:264 Resp: 20693

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

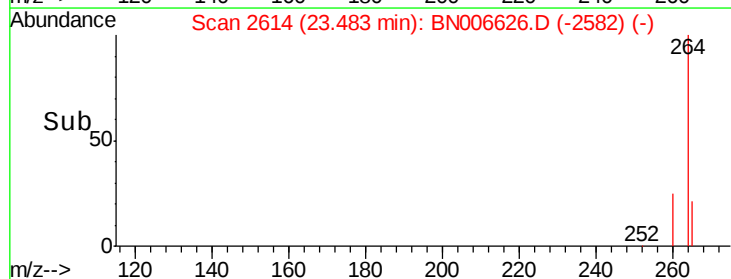
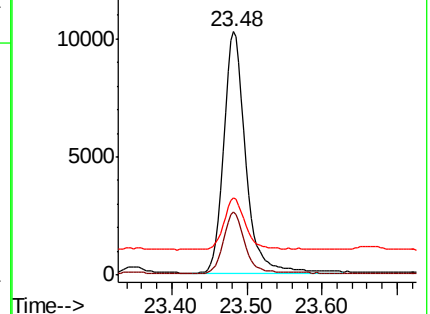
265 31.6 23.3 34.9



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: 0.009 ng

RT: 22.82 min Scan# 2421

Delta R.T. -0.03 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617

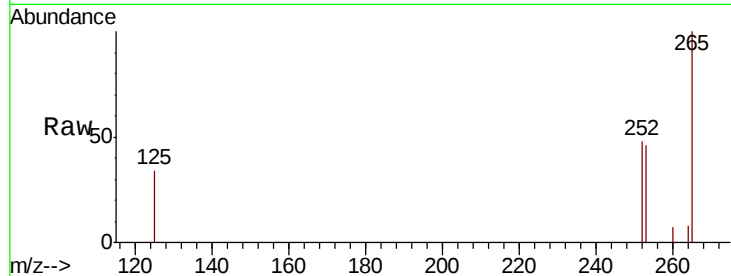
Tgt Ion:252 Resp: 630

Ion Ratio Lower Upper

252 100

253 96.0 18.4 27.6#

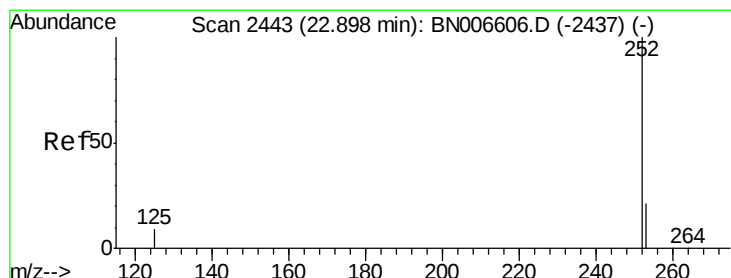
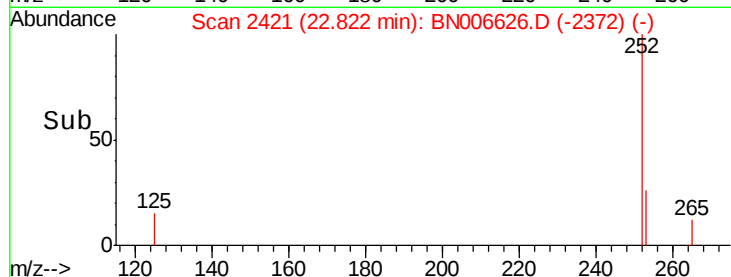
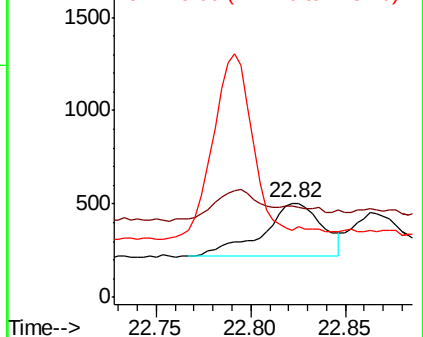
125 70.6 8.7 13.1#



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



#36

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 22.86 min Scan# 2433

Delta R.T. -0.03 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

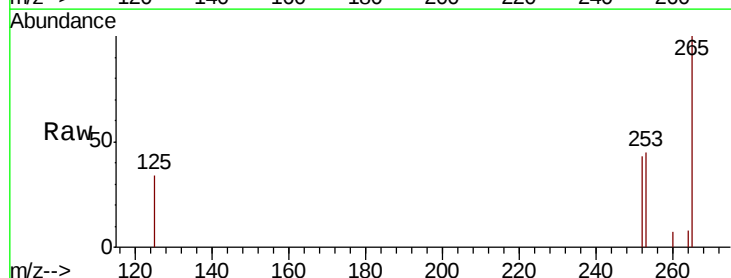
Tgt Ion:252 Resp: 400

Ion Ratio Lower Upper

252 100

253 105.3 18.3 27.5#

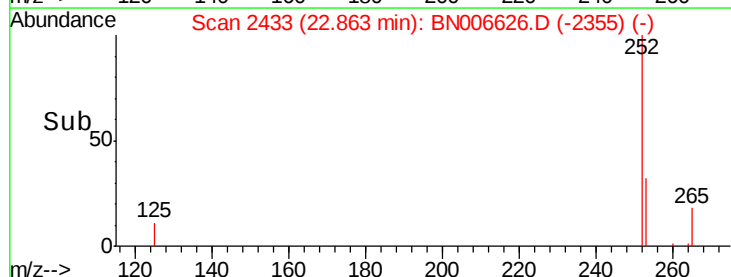
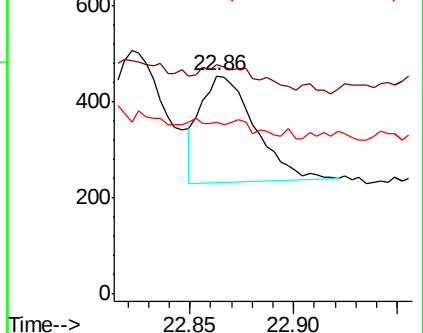
125 78.9 8.4 12.6#



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





#37

Benzo(a)pyrene

Concen: 0.003 ng

RT: 23.39 min Scan# 2587

Delta R.T. -0.04 min

Lab File: BN006626.D

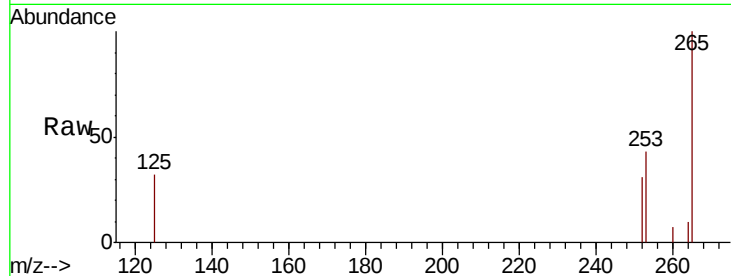
Acq: 28 Jun 2019 22:45

Instrument :

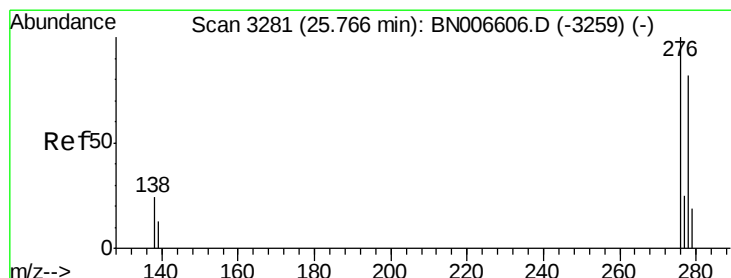
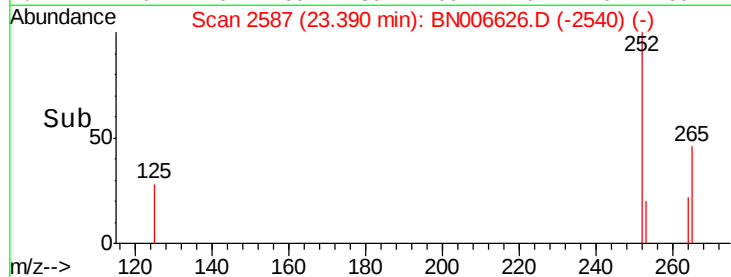
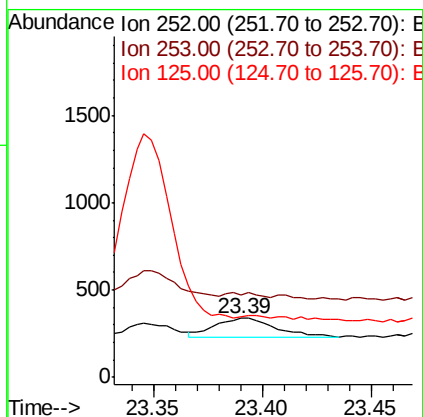
BNA_N

ClientSampleId :

KY038PS037-190617



Tgt Ion:	252	Resp:	221
Ion	Ratio	Lower	Upper
252	100		
253	138.6	18.8	28.2#
125	102.9	9.4	14.2#



#38

Dibenzo(a,h)anthracene

Concen: 0.005 ng

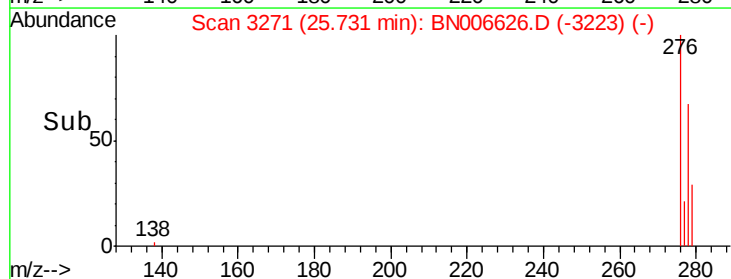
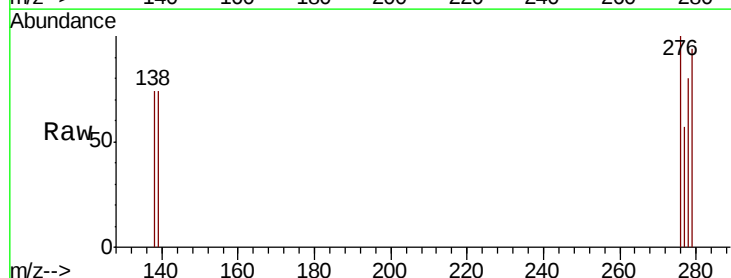
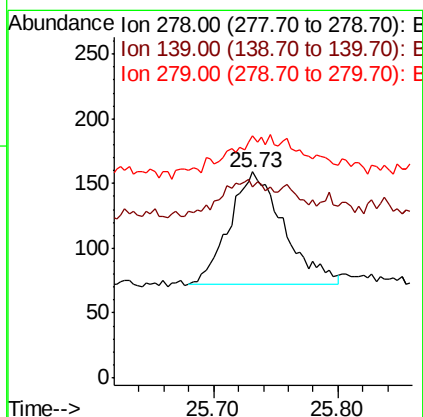
RT: 25.73 min Scan# 3271

Delta R.T. -0.03 min

Lab File: BN006626.D

Acq: 28 Jun 2019 22:45

Tgt Ion:	278	Resp:	264
Ion	Ratio	Lower	Upper
278	100		
139	92.5	13.5	20.3#
279	117.6	19.4	29.2#





#39

Benzo(g,h,i)perylene

Concen: 0.006 ng

RT: 26.41 min Scan# 3470

Delta R.T. -0.03 min

Lab File: BN006626.D

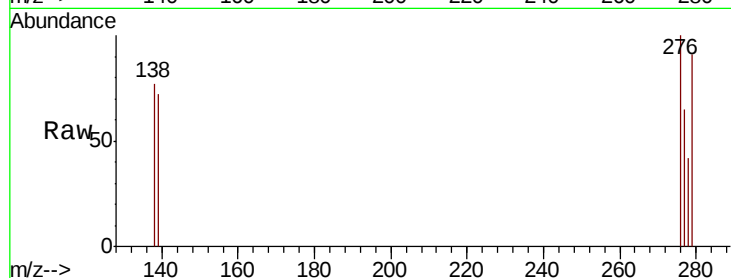
Acq: 28 Jun 2019 22:45

Instrument :

BNA_N

ClientSampleId :

KY038PS037-190617



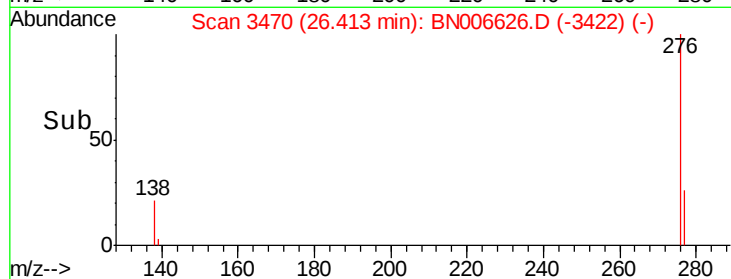
Tgt Ion: 276 Resp: 322

Ion Ratio Lower Upper

276 100

277 64.5 19.6 29.4#

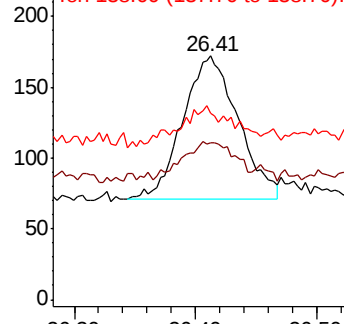
138 76.7 17.7 26.5#



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



Time-->