

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
 Data File : BN006664.D
 Acq On : 01 Jul 2019 17:03
 Operator : HP/JU
 Sample : K3504-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-029-SW169-062019

Quant Time: Jul 02 05:05:59 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	7.62	152	4435	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	17745	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	9663	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	20395	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	18975	0.40	ng	-0.01
34) Perylene-d12	23.50	264	21185	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	3393	0.31	ng	0.00
5) Phenol-d6	6.81	99	4661	0.32	ng	-0.02
8) Nitrobenzene-d5	8.79	82	3157	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	7243	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	1360	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	9446	0.26	ng	-0.01
25) Fluoranthene-d10	19.08	212	12136	0.20	ng	0.00
29) Terphenyl-d14	19.68	244	8914	0.22	ng	0.00

Target Compounds

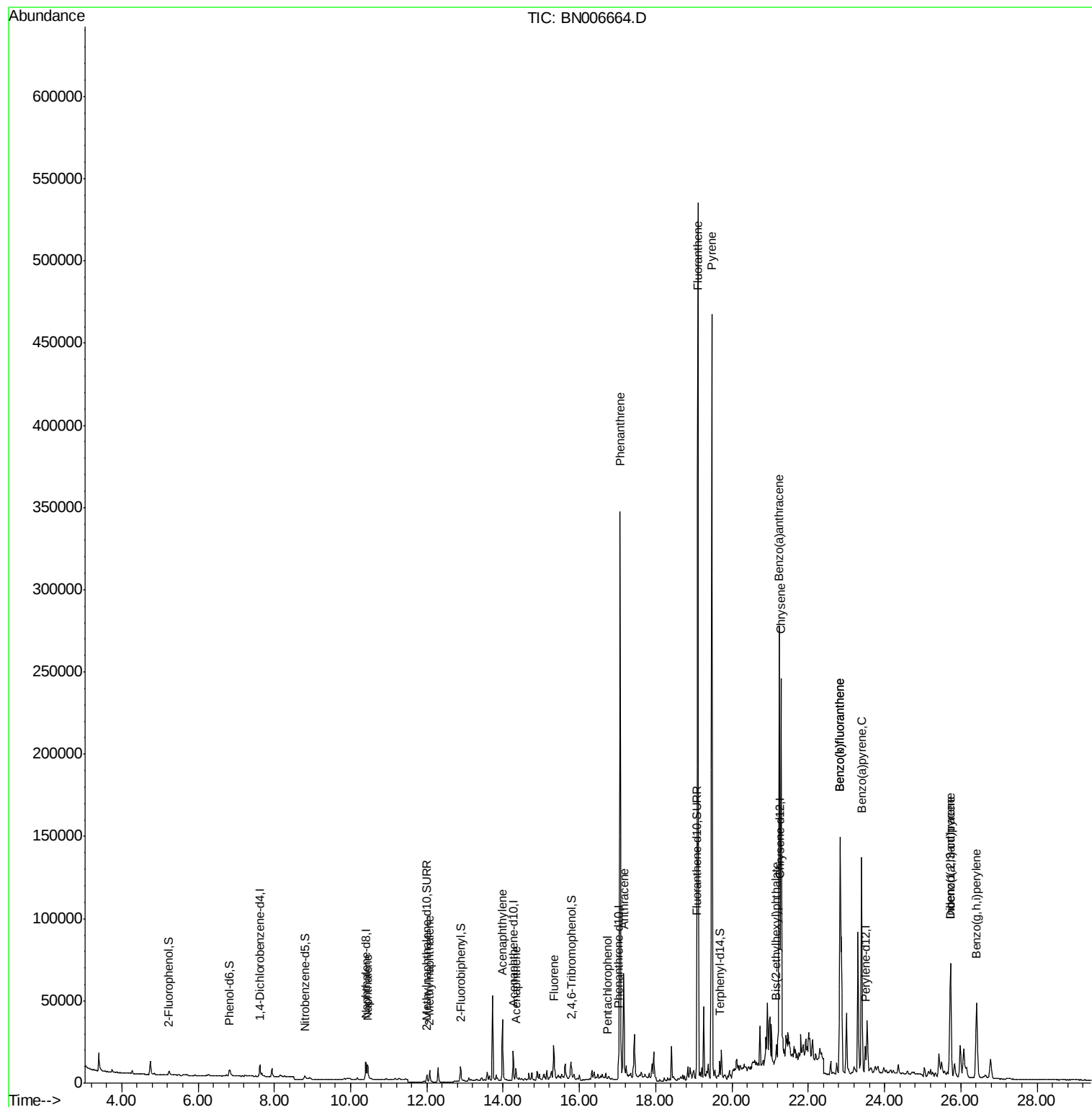
						Qvalue
9) Naphthalene	10.44	128	13757	0.295	ng	98
12) 2-Methylnaphthalene	12.07	142	6256	0.194	ng	99
16) Acenaphthylene	13.99	152	43095	0.935	ng	99
17) Acenaphthene	14.33	154	3959	0.130	ng	98
18) Fluorene	15.32	166	14441	0.377	ng	# 92
22) Pentachlorophenol	16.73	266	17	0.197	ng	# 74
23) Phenanthrene	17.07	178	343348	5.921	ng	100
24) Anthracene	17.16	178	68481	1.361	ng	# 91
26) Fluoranthene	19.11	202	463231	6.573	ng	99
28) Pyrene	19.47	202	414502	6.243	ng	97
30) Benzo(a)anthracene	21.24	228	263413	4.246	ng	97
31) Chrysene	21.29	228	213095	3.186	ng	96
32) Bis(2-ethylhexyl)phthalate	21.16	149	6929	0.222	ng	99
33) Indeno(1,2,3-cd)pyrene	25.73	276	99514	1.470	ng	97
35) Benzo(b)fluoranthene	22.83	252	236908	3.288	ng	99
36) Benzo(k)fluoranthene	22.83	252	236908	3.084	ng	99
37) Benzo(a)pyrene	23.40	252	177227	2.631	ng	100
38) Dibenzo(a,h)anthracene	25.73	278	32494	0.552	ng	# 83
39) Benzo(g,h,i)perylene	26.41	276	89806	1.529	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.62 min Scan# 570

Delta R.T. -0.01 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

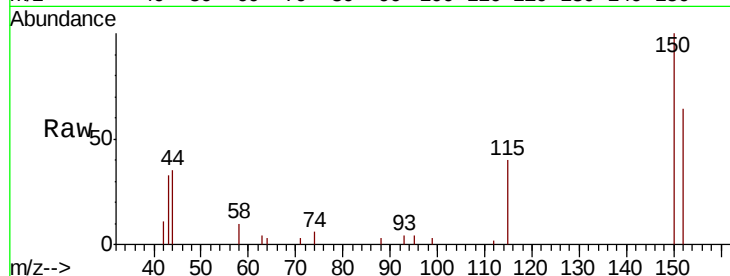
Tgt Ion:152 Resp: 4435

Ion Ratio Lower Upper

152 100

150 155.4 122.2 183.2

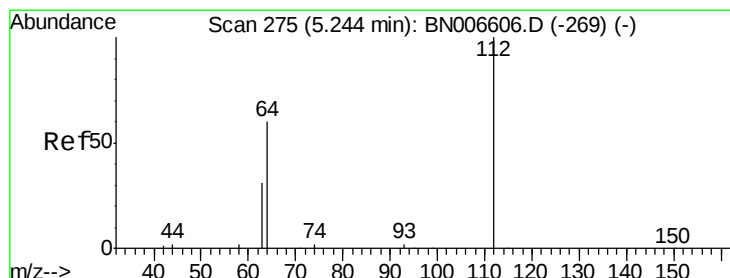
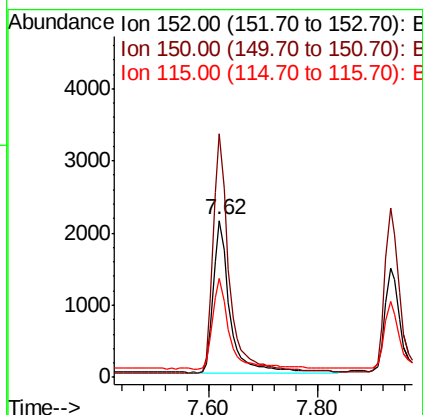
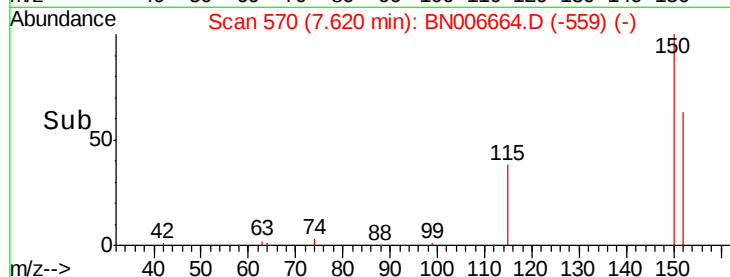
115 62.9 50.0 75.0



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



#4

2-Fluorophenol

Concen: 0.312 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.00 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

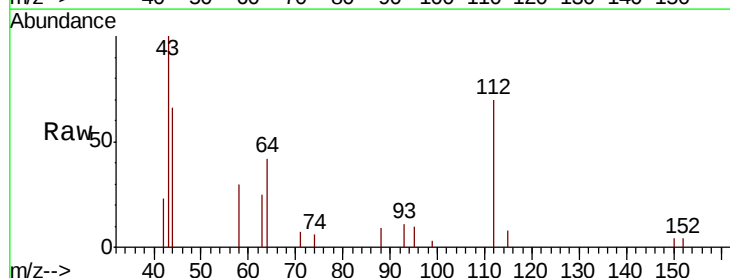
Tgt Ion:112 Resp: 3393

Ion Ratio Lower Upper

112 100

64 61.0 48.9 73.3

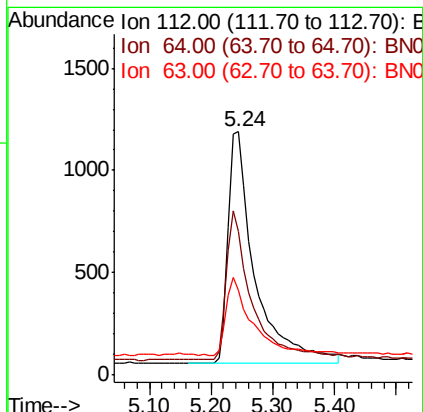
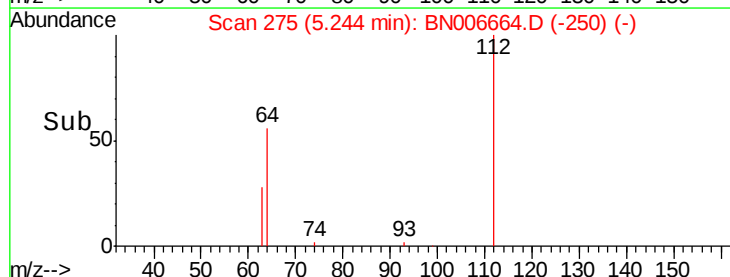
63 33.7 24.3 36.5

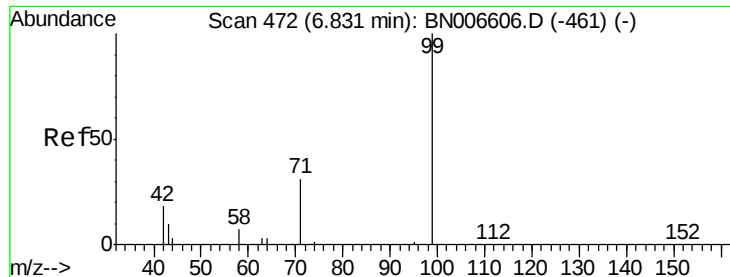


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.324 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

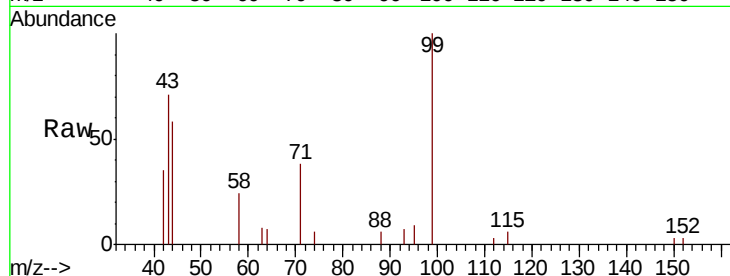
Tgt Ion: 99 Resp: 4661

Ion Ratio Lower Upper

99 100

42 27.2 16.4 24.6#

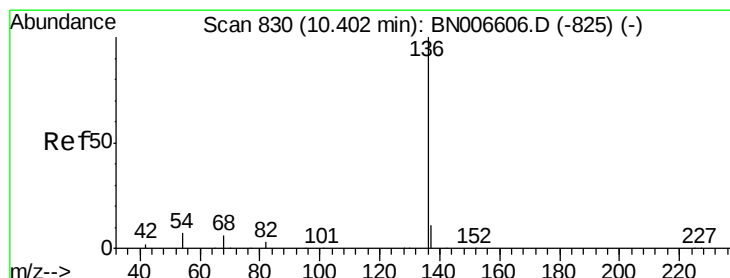
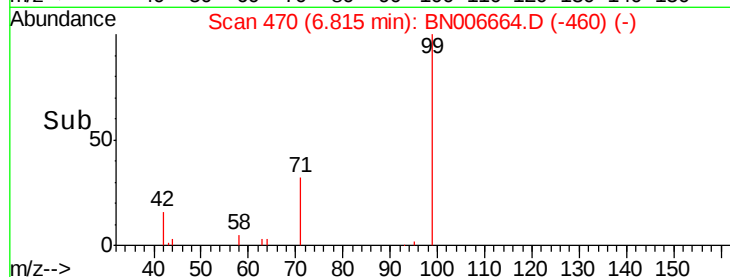
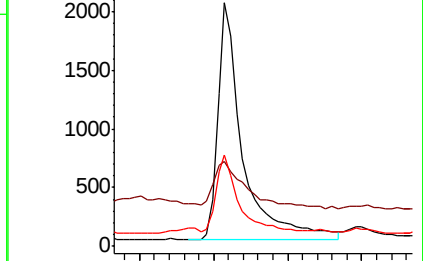
71 28.8 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006664.D (-461) (-)

Ion 42.00 (41.70 to 42.70): BN006664.D (-461) (-)

Ion 71.00 (70.70 to 71.70): BN006664.D (-461) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Tgt Ion: 136 Resp: 17745

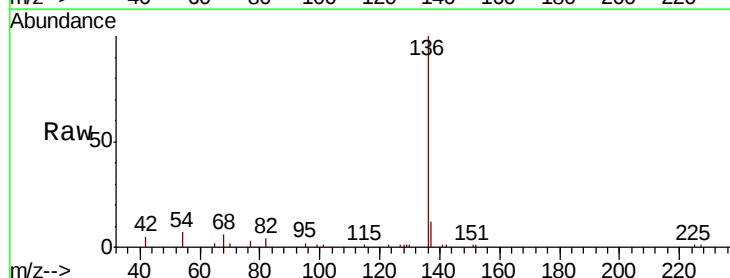
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 7.3 6.7 10.1

68 5.9 5.3 7.9

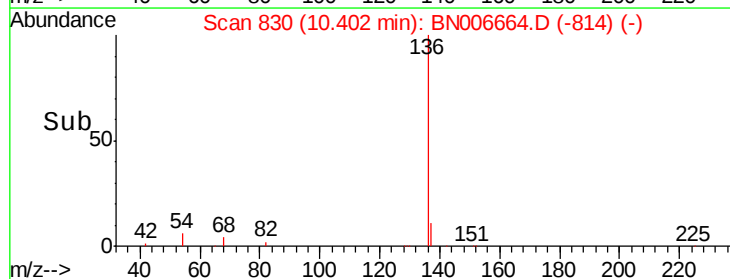
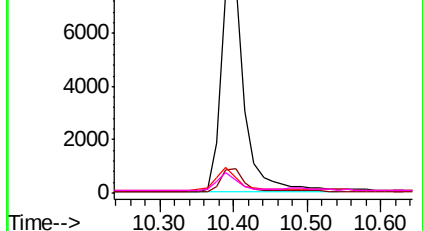


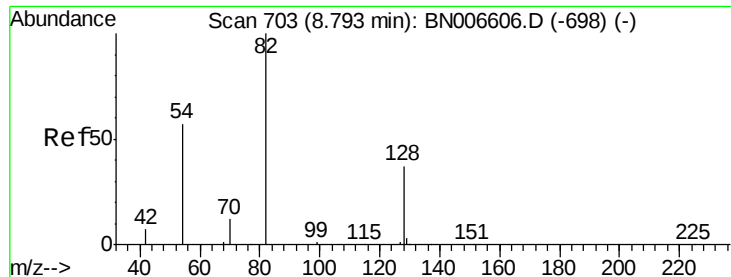
Abundance Ion 136.00 (135.70 to 136.70): BN006664.D (-825) (-)

Ion 137.00 (136.70 to 137.70): BN006664.D (-825) (-)

Ion 54.00 (53.70 to 54.70): BN006664.D (-825) (-)

Ion 68.00 (67.70 to 68.70): BN006664.D (-825) (-)





#8

Nitrobenzene-d5

Concen: 0.265 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

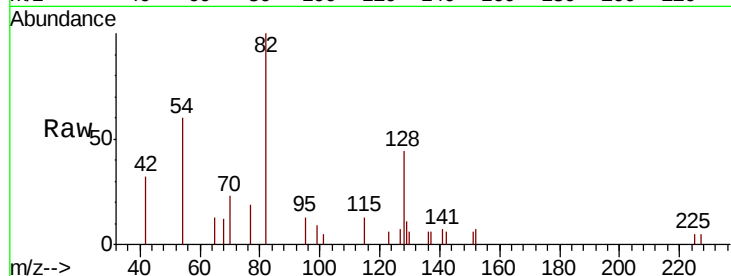
Tgt Ion: 82 Resp: 3157

Ion Ratio Lower Upper

82 100

128 44.4 32.6 49.0

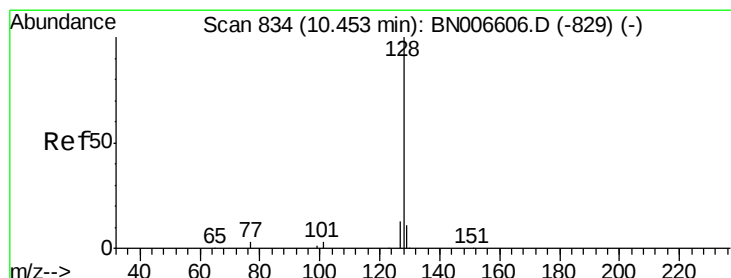
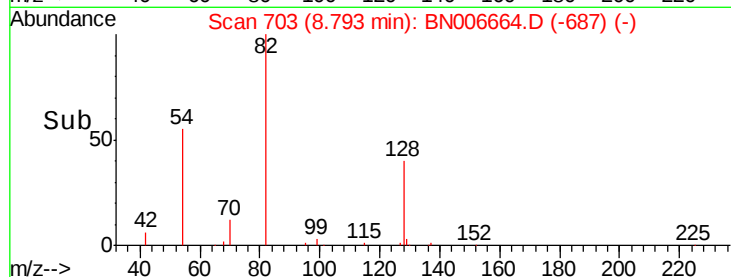
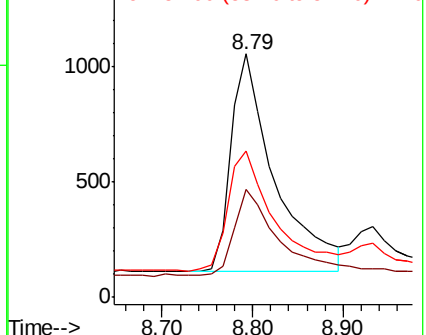
54 60.0 48.2 72.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#9

Naphthalene

Concen: 0.295 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.01 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

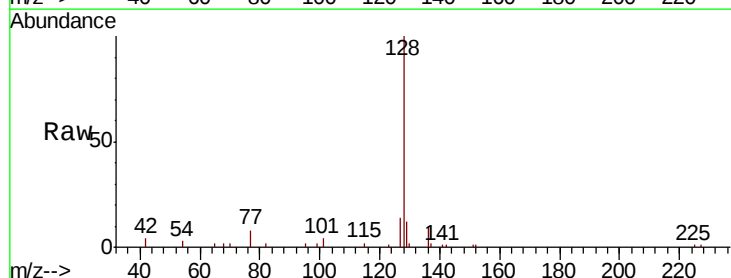
Tgt Ion: 128 Resp: 13757

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

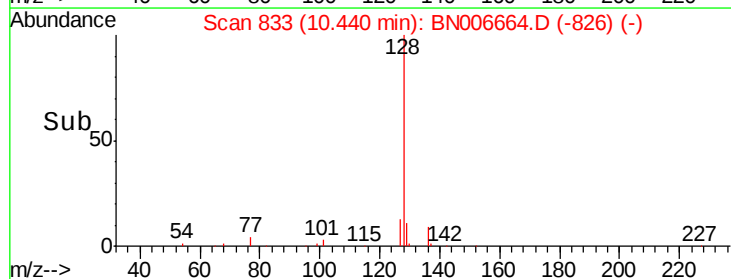
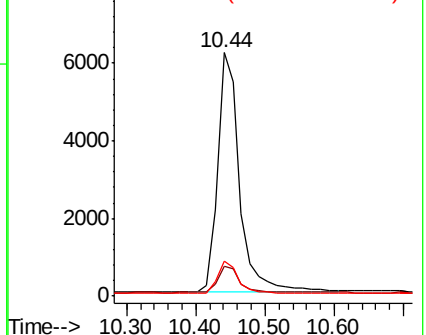
127 14.3 10.8 16.2

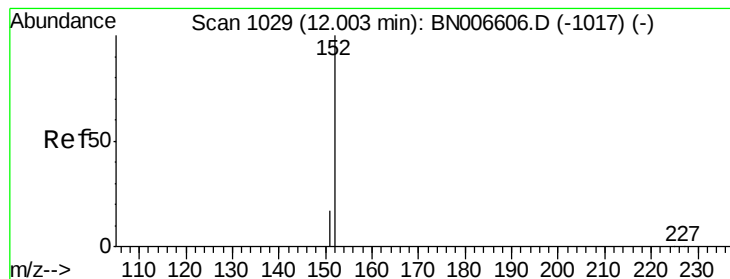


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC

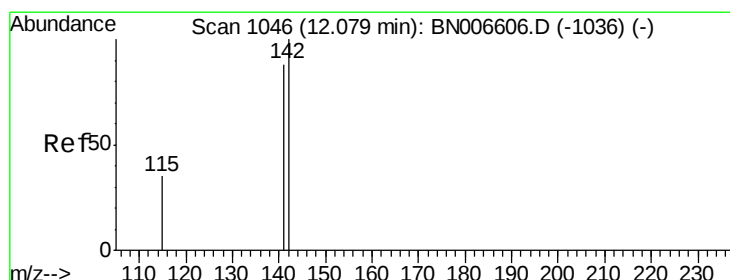
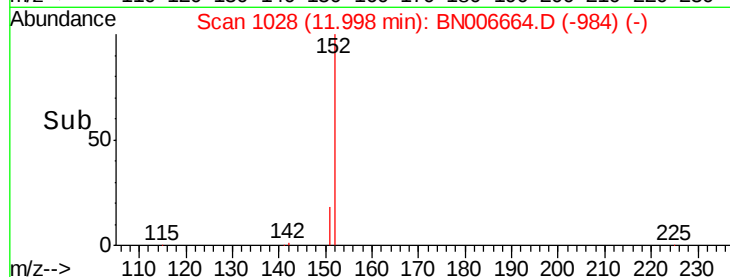
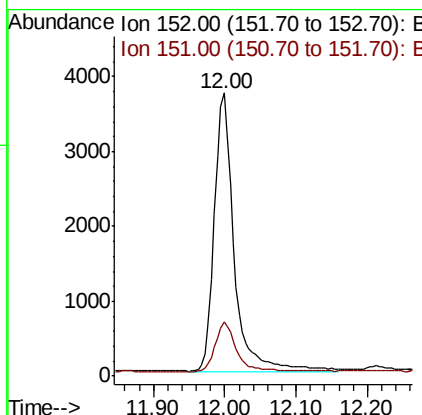
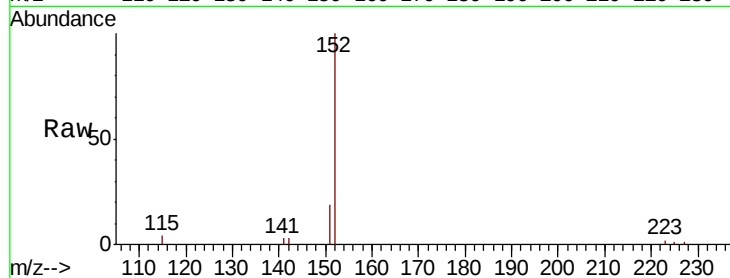




#11
 2-Methylnaphthalene-d10
 Concen: 0.259 ng
 RT: 12.00 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BN006664.D
 Acq: 01 Jul 2019 17:03

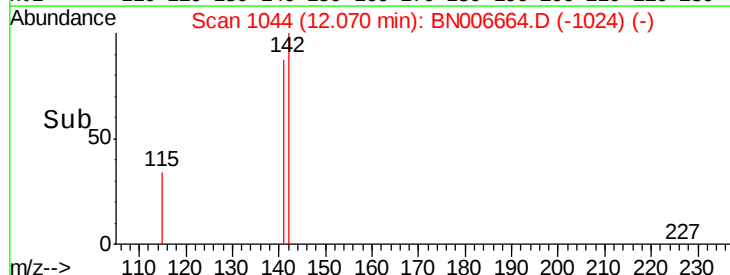
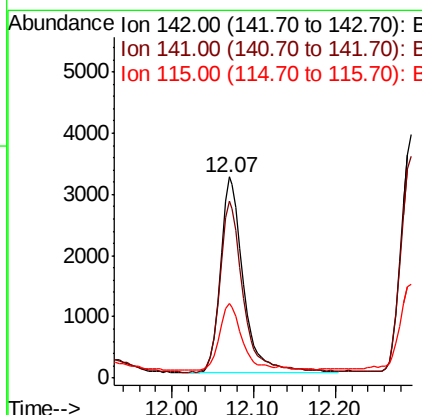
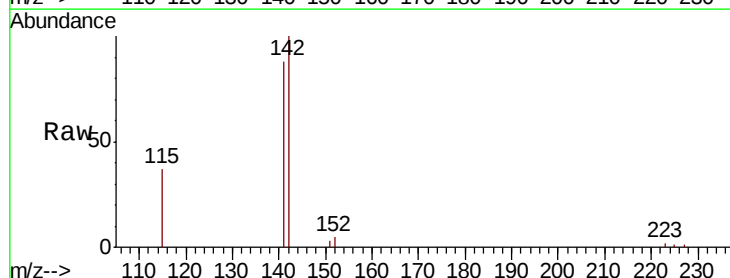
Instrument :
 BNA_N
 ClientSampleId :
 EXT-029-SW169-062019

Tgt Ion:152 Resp: 7243
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.194 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BN006664.D
 Acq: 01 Jul 2019 17:03

Tgt Ion:142 Resp: 6256
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.2 105.4
 115 37.2 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: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

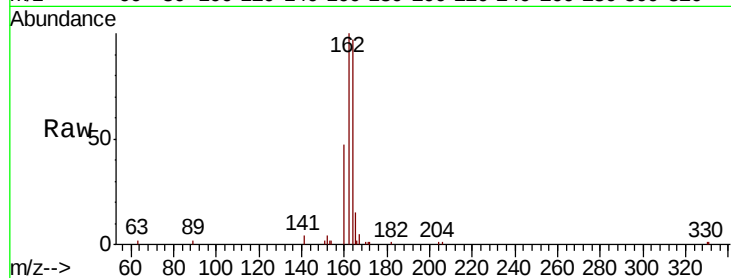
Tgt Ion:164 Resp: 9663

Ion Ratio Lower Upper

164 100

162 102.8 80.0 120.0

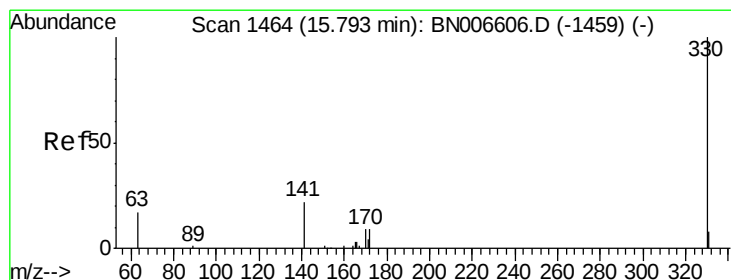
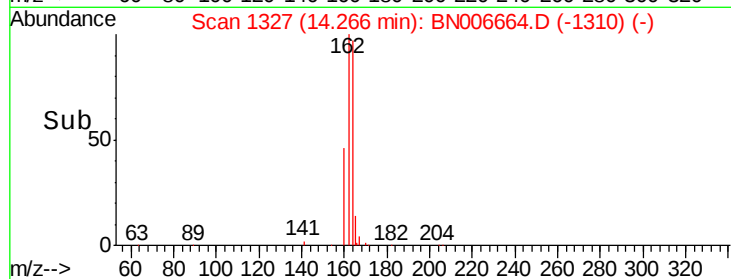
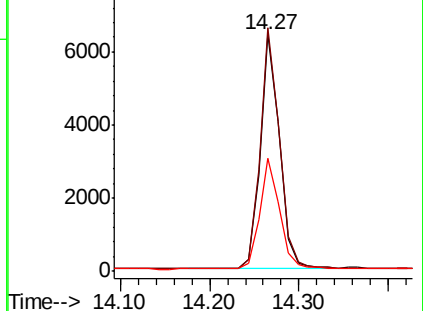
160 47.8 37.0 55.4



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: 0.299 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

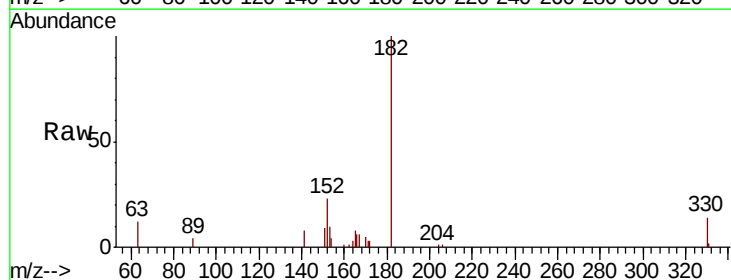
Tgt Ion:330 Resp: 1360

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

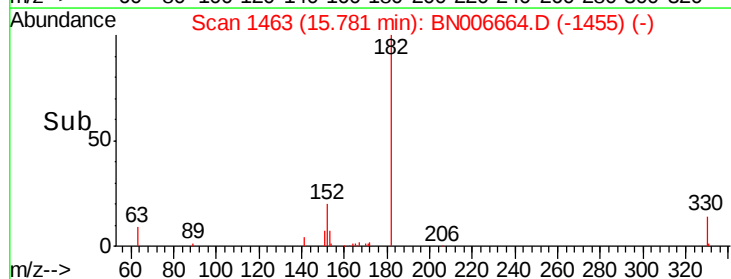
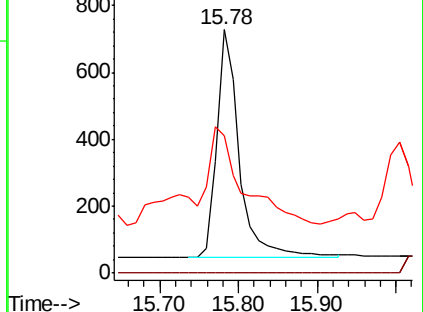
141 63.5 26.5 39.7#



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

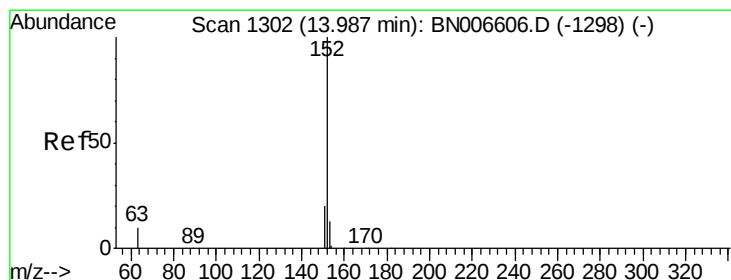
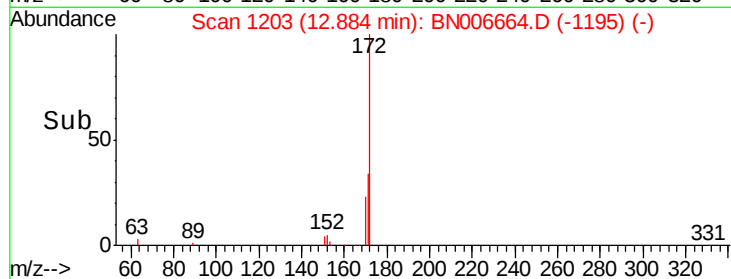
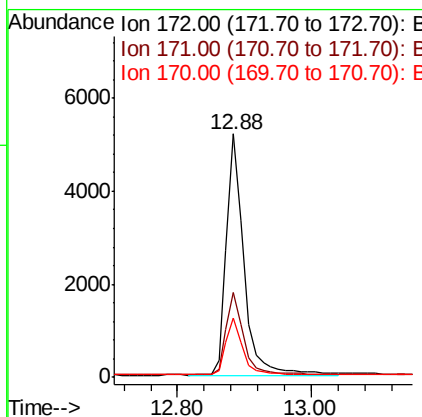
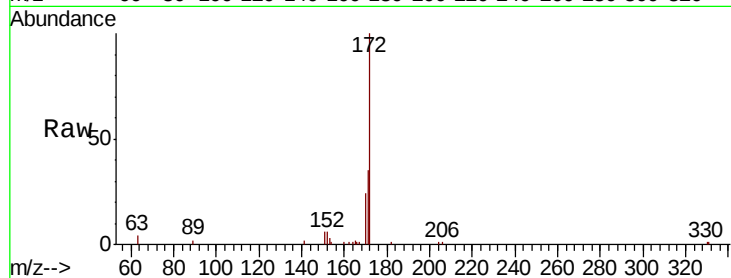




#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

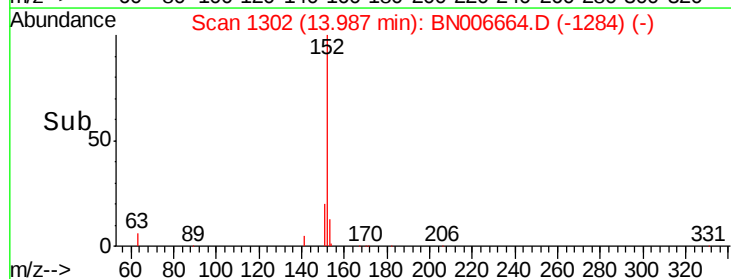
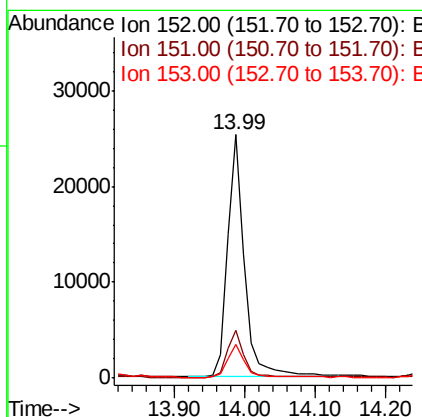
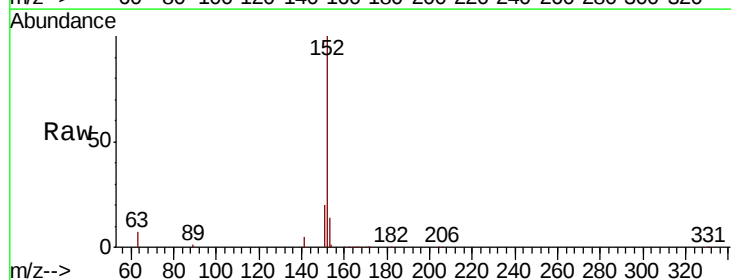
Instrument :
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EXT-029-SW169-062019

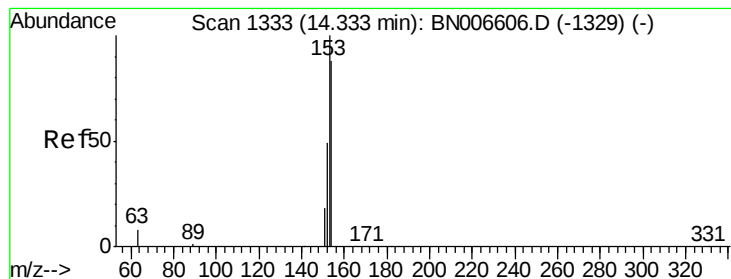
Tgt Ion:172 Resp: 9446
Ion Ratio Lower Upper
172 100
171 34.9 27.0 40.4
170 24.1 17.7 26.5



#16
Acenaphthylene
Concen: 0.935 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:152 Resp: 43095
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.130 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

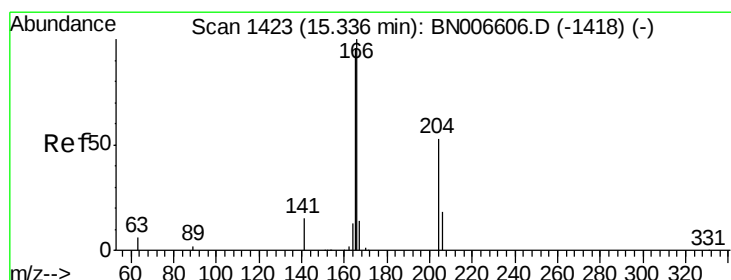
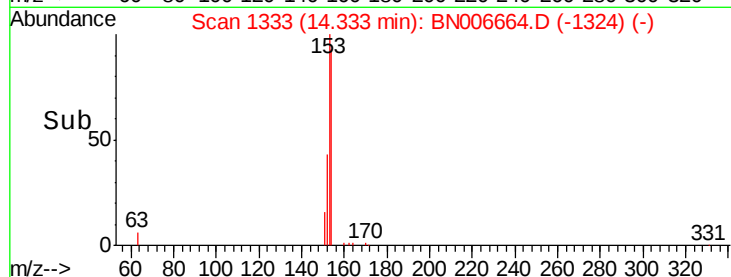
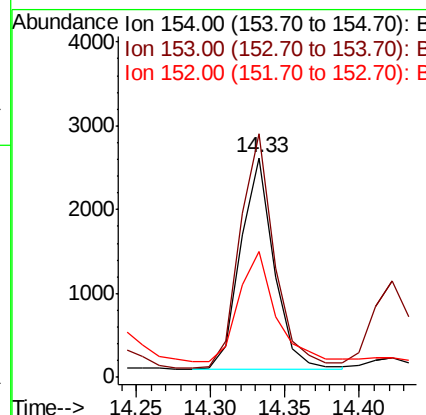
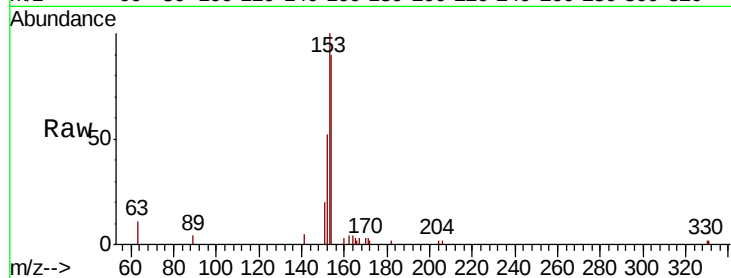
Tgt Ion:154 Resp: 3959

Ion Ratio Lower Upper

154 100

153 115.1 90.2 135.4

152 56.9 44.2 66.4



#18

Fluorene

Concen: 0.377 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

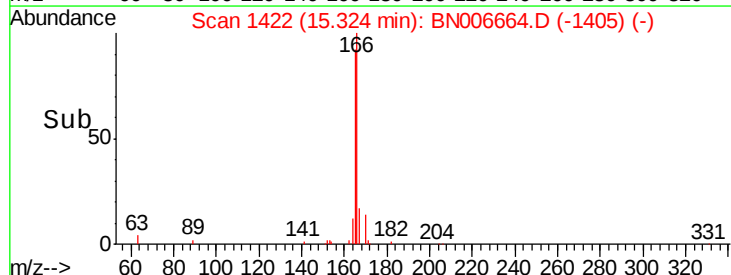
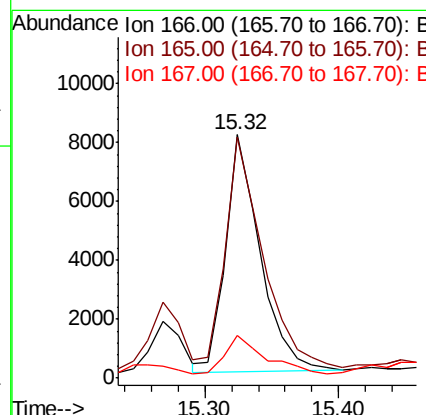
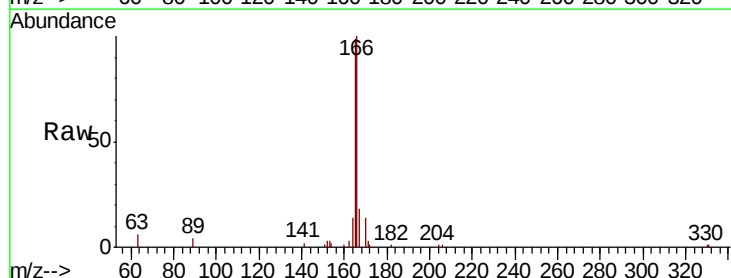
Tgt Ion:166 Resp: 14441

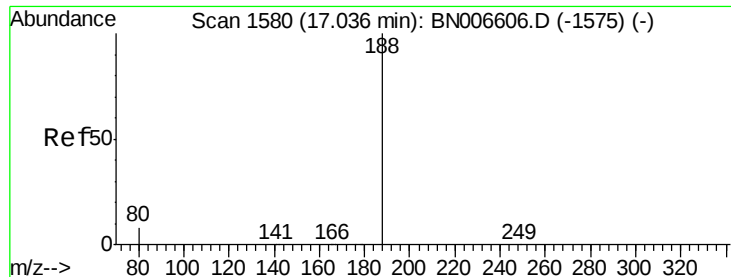
Ion Ratio Lower Upper

166 100

165 105.8 78.4 117.6

167 18.3 10.8 16.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

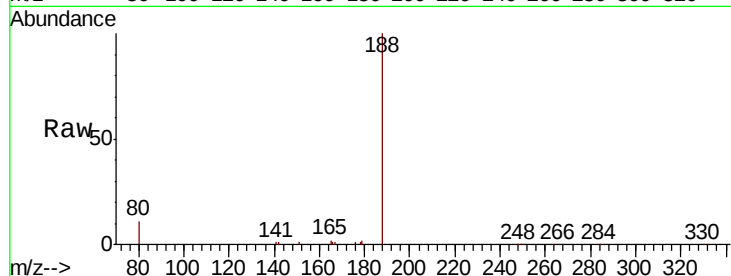
Tgt Ion:188 Resp: 20395

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

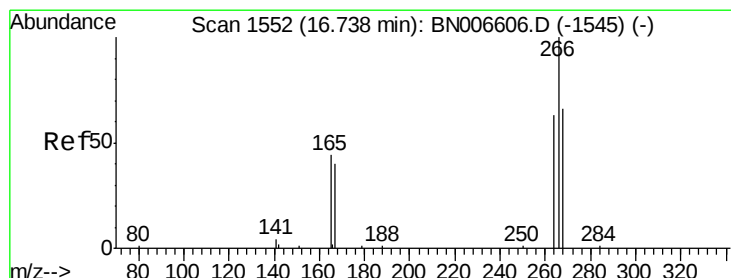
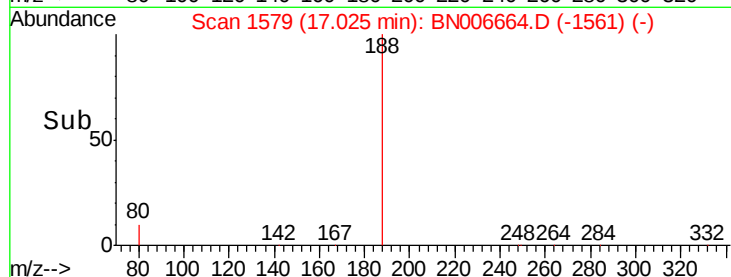
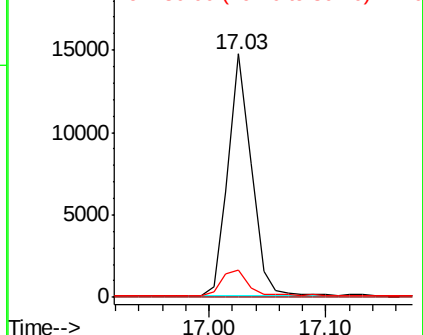
80 11.3 7.1 10.7#



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



#22

Pentachlorophenol

Concen: 0.197 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

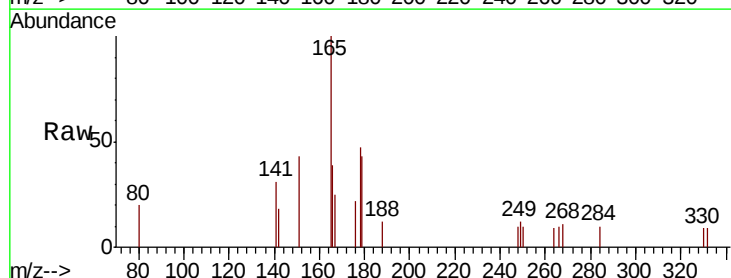
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 86.4 56.2 84.4#

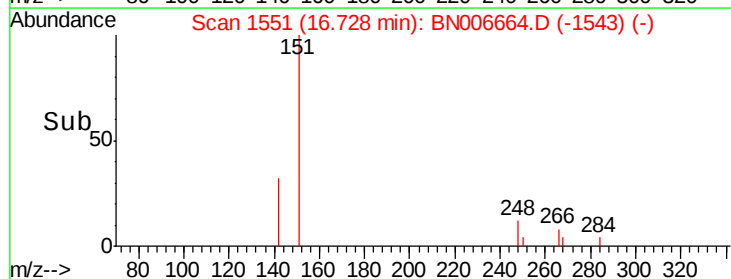
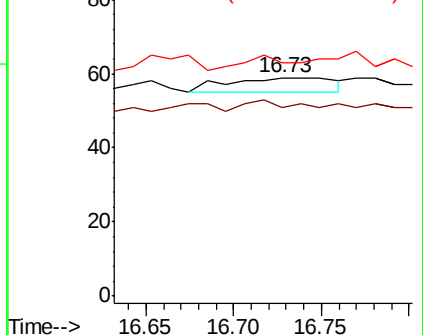
268 106.8 63.0 94.4#

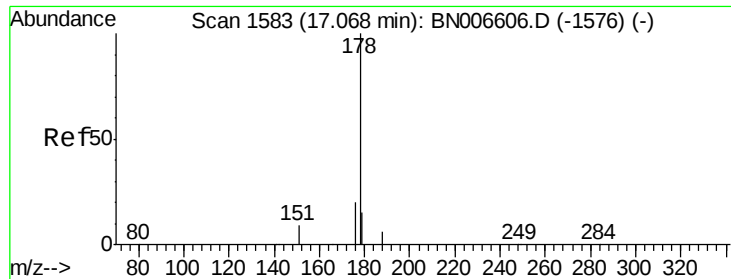


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.921 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

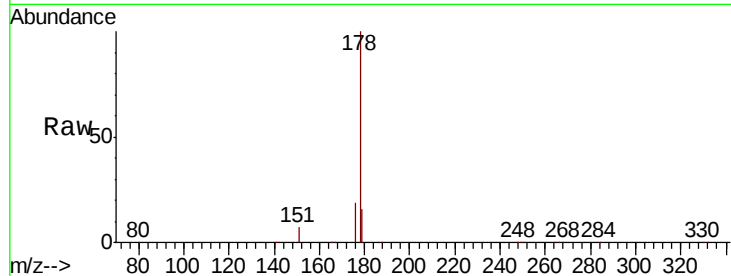
Tgt Ion:178 Resp: 343348

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

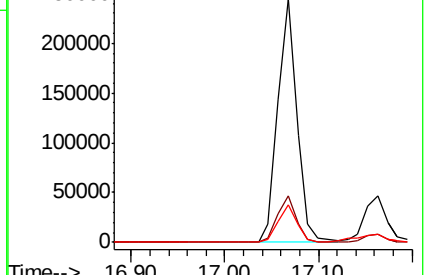
179 15.4 12.2 18.4



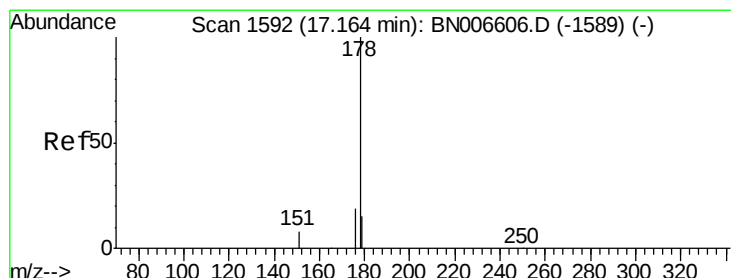
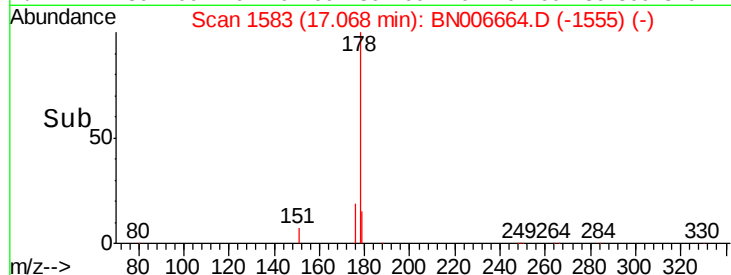
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 1.361 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

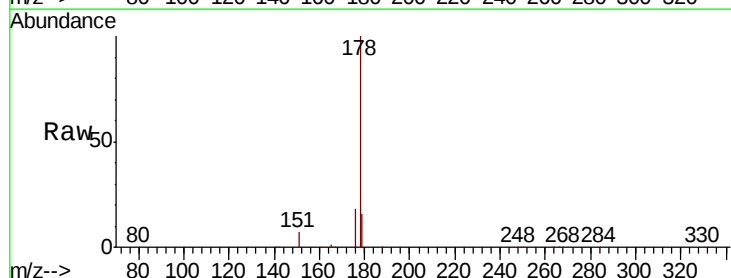
Tgt Ion:178 Resp: 68481

Ion Ratio Lower Upper

178 100

176 19.8 15.0 22.4

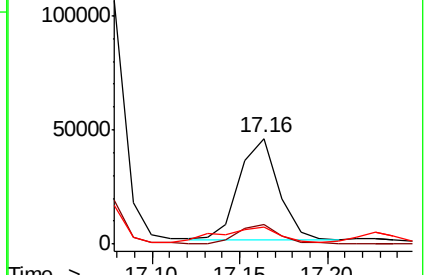
179 22.3 12.2 18.2#



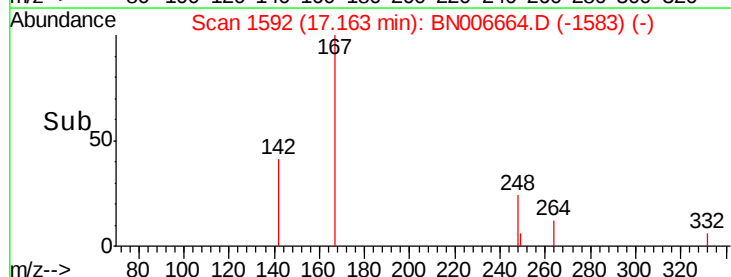
Abundance Ion 178.00 (177.70 to 178.70): E

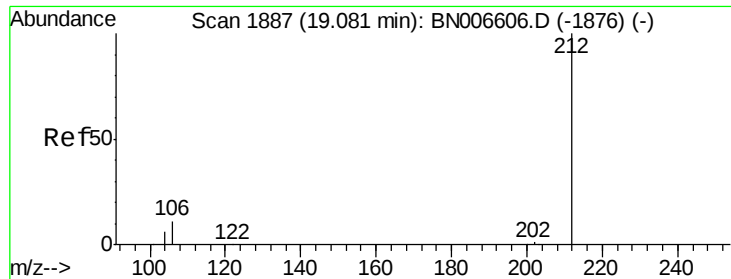
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

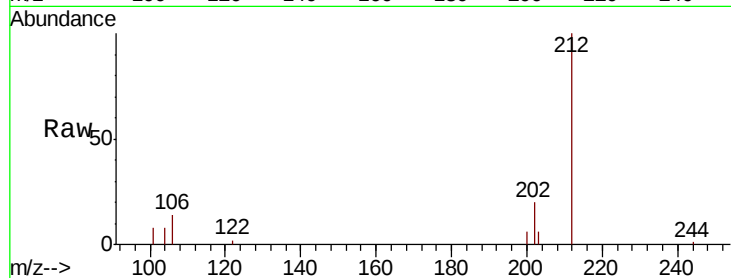




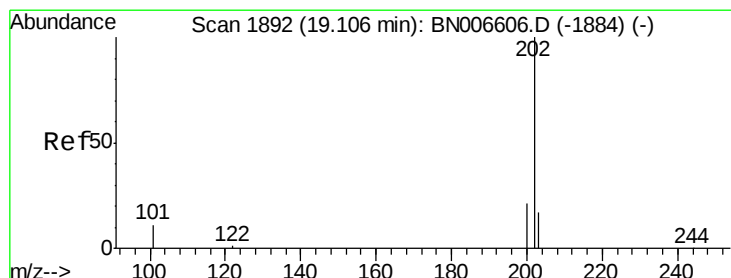
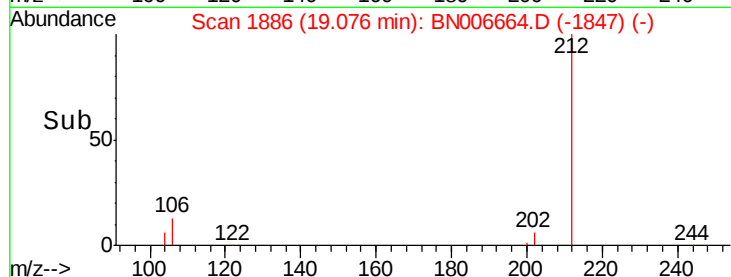
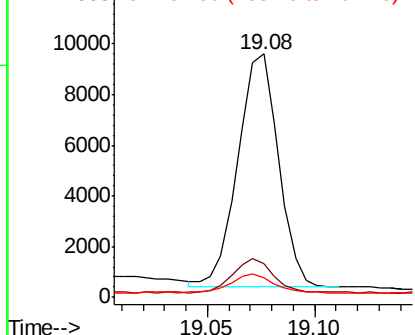
#25
 Fluoranthene-d10
 Concen: 0.203 ng
 RT: 19.08 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BN006664.D
 Acq: 01 Jul 2019 17:03

Instrument :
 BNA_N
 ClientSampleId :
 EXT-029-SW169-062019

Tgt Ion: 212 Resp: 12136
 Ion Ratio Lower Upper
 212 100
 106 14.5 10.6 15.8
 104 8.9 5.8 8.6#

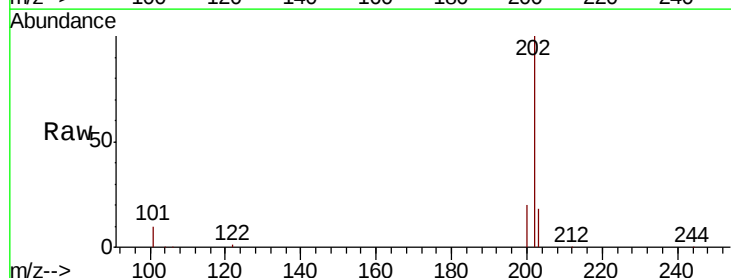


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

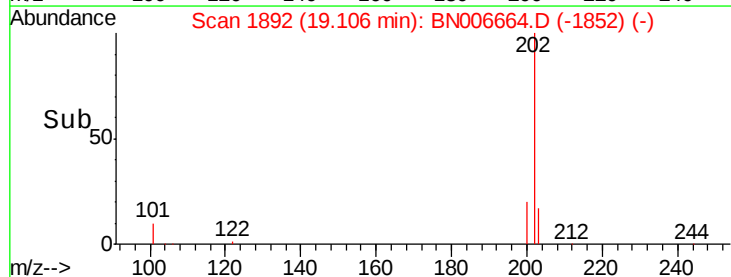
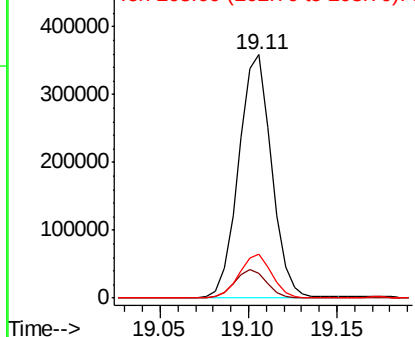


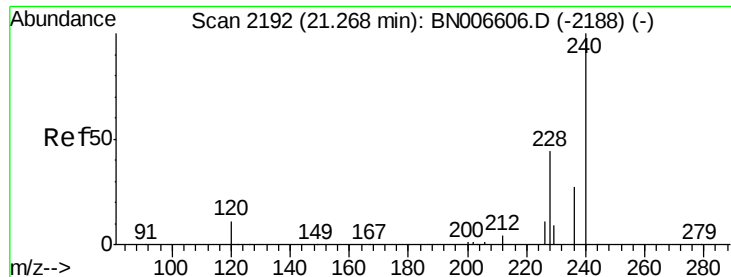
#26
 Fluoranthene
 Concen: 6.573 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. -0.00 min
 Lab File: BN006664.D
 Acq: 01 Jul 2019 17:03

Tgt Ion: 202 Resp: 463231
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.9 13.3
 203 17.6 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: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

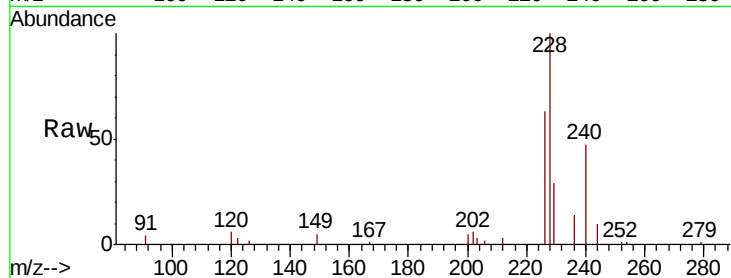
Tgt Ion:240 Resp: 18975

Ion Ratio Lower Upper

240 100

120 12.5 9.9 14.9

236 29.3 22.2 33.4

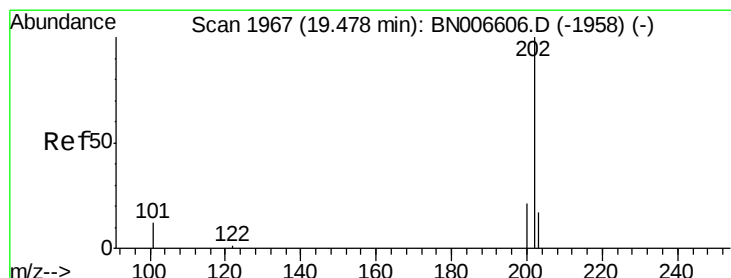
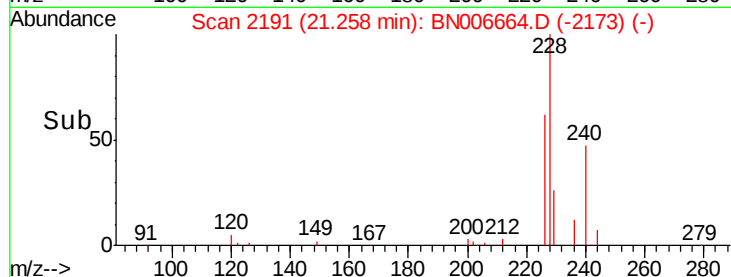
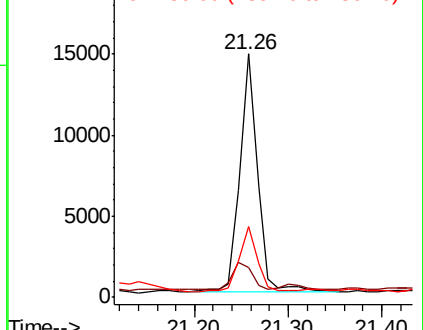


Abundance

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: 6.243 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

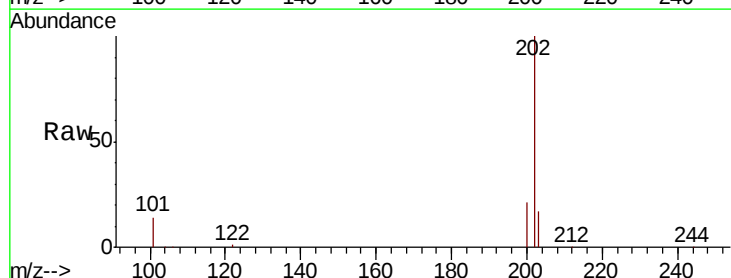
Tgt Ion:202 Resp: 414502

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 20.5 14.1 21.1

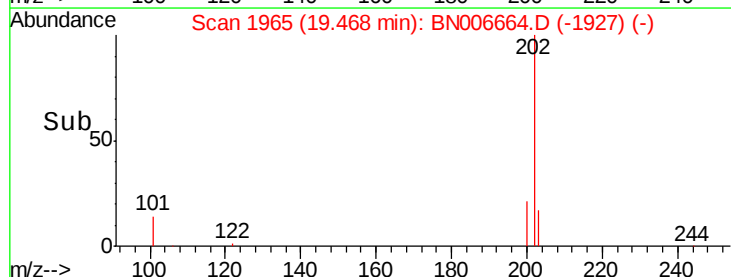
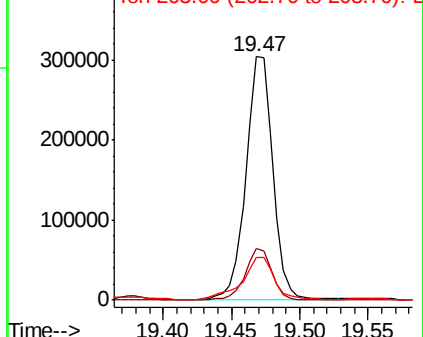


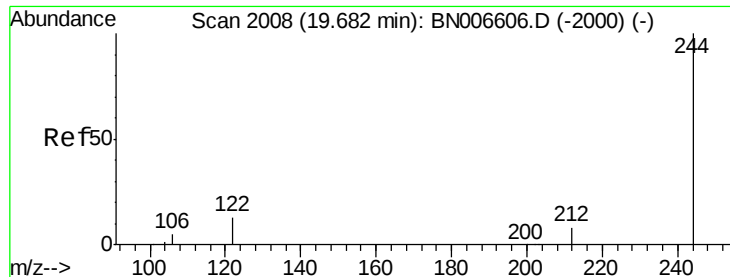
Abundance

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: 0.224 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

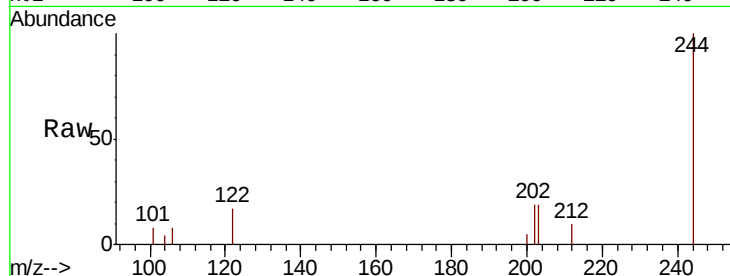
Tgt Ion:244 Resp: 8914

Ion Ratio Lower Upper

244 100

212 10.2 6.7 10.1#

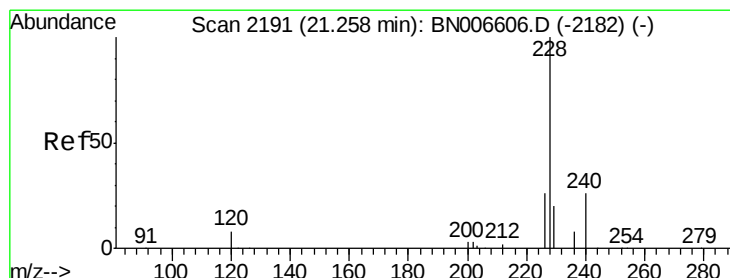
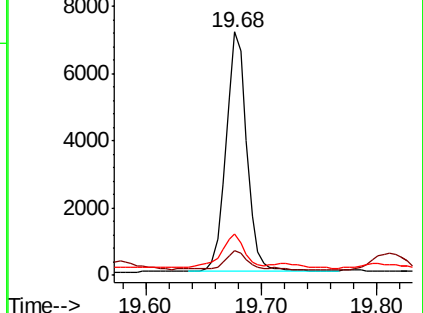
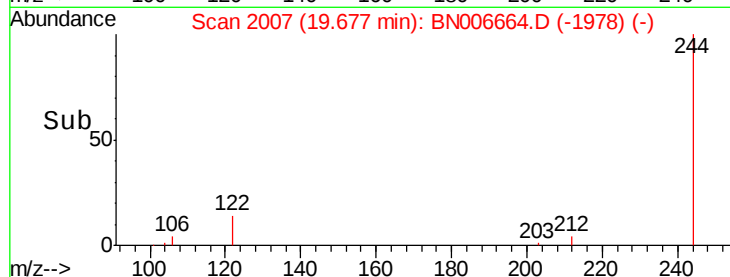
122 16.9 11.0 16.6#



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: 4.246 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

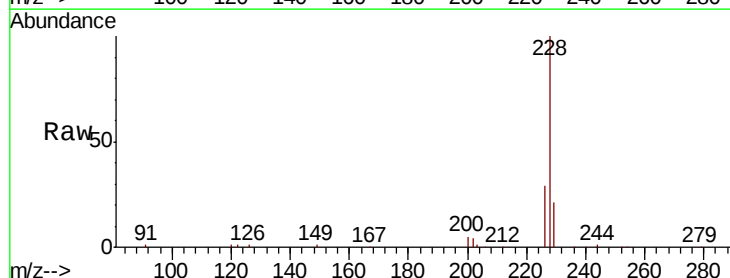
Tgt Ion:228 Resp: 263413

Ion Ratio Lower Upper

228 100

226 28.6 21.2 31.8

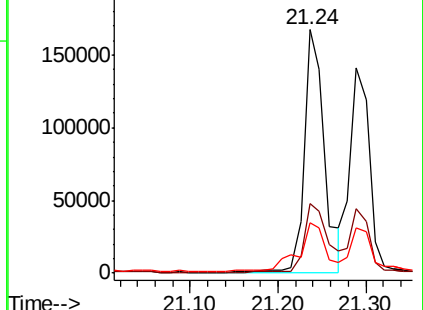
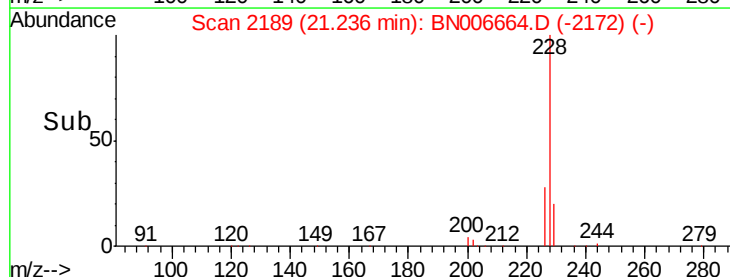
229 20.5 16.1 24.1

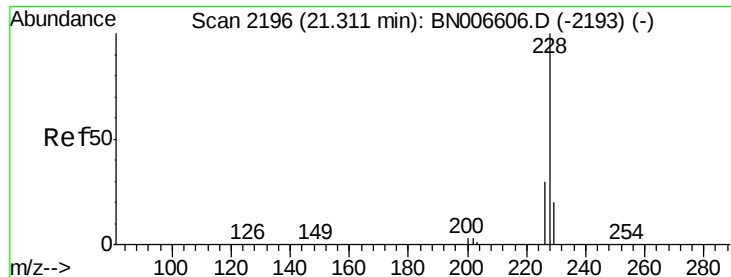


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.186 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

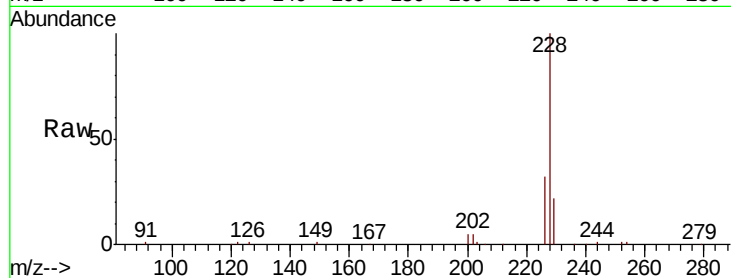
Tgt Ion: 228 Resp: 213095

Ion Ratio Lower Upper

228 100

226 31.6 23.8 35.6

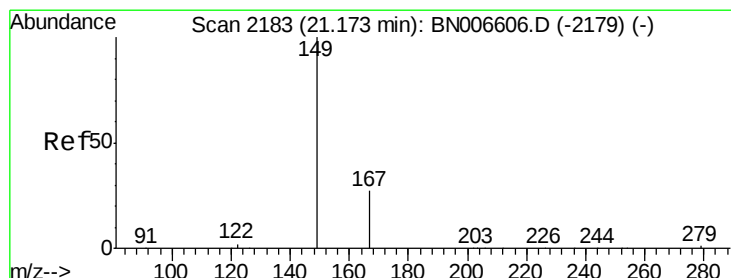
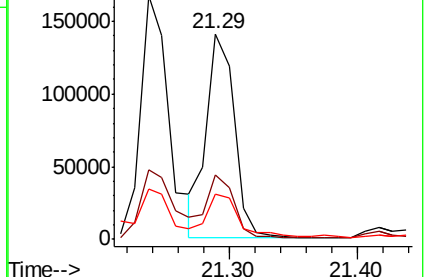
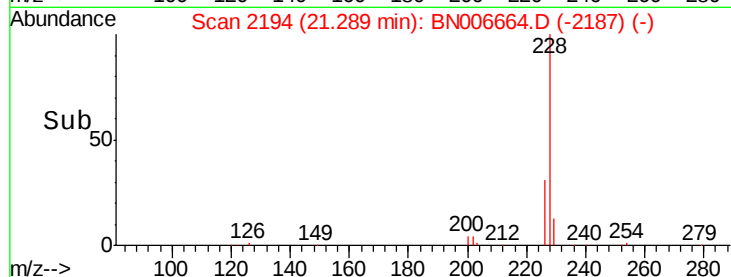
229 21.8 15.9 23.9



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: 0.222 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

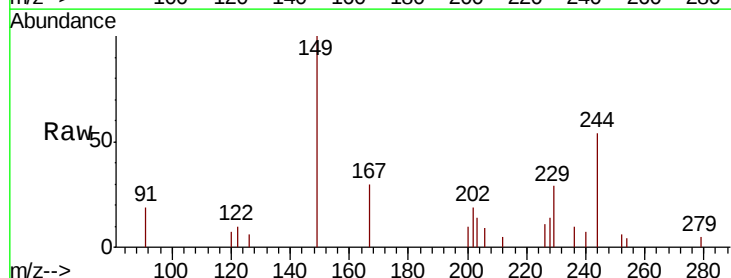
Tgt Ion: 149 Resp: 6929

Ion Ratio Lower Upper

149 100

167 28.2 22.9 34.3

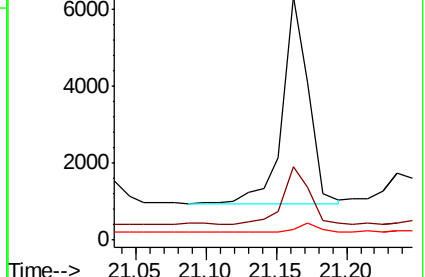
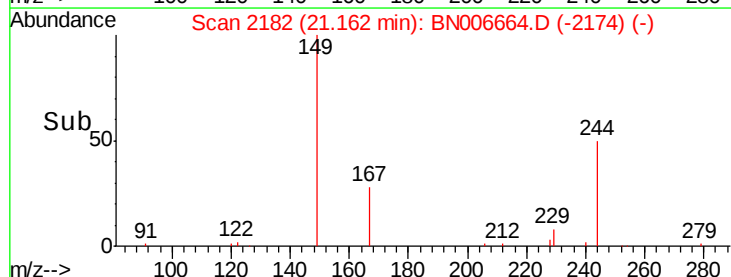
279 4.3 3.3 4.9

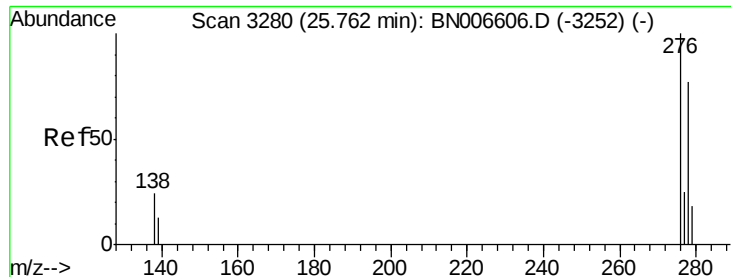


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.470 ng

RT: 25.73 min Scan# 3270

Delta R.T. -0.03 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

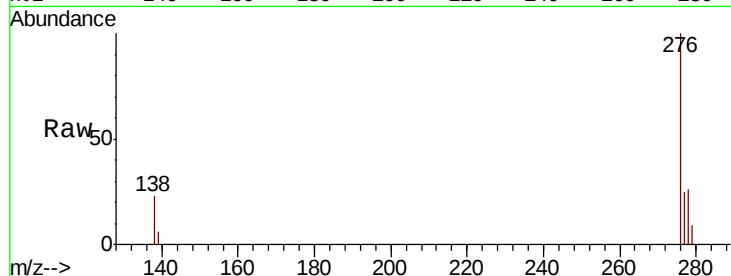
Tgt Ion:276 Resp: 99514

Ion Ratio Lower Upper

276 100

138 21.8 19.3 28.9

277 24.5 19.9 29.9

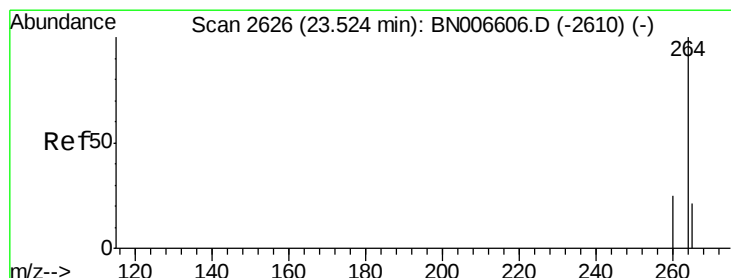
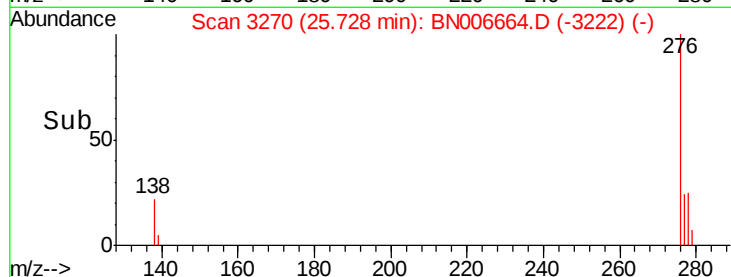
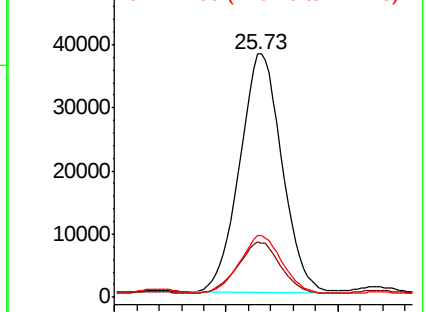


Abundance

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: BN006664.D

Acq: 01 Jul 2019 17:03

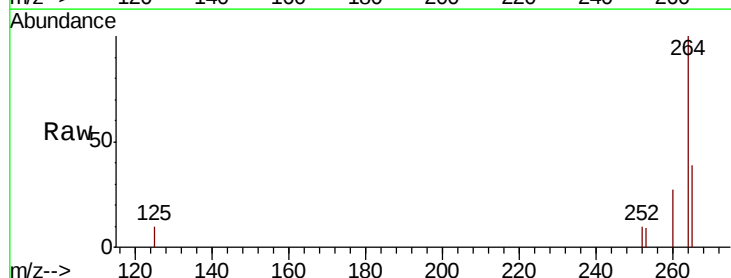
Tgt Ion:264 Resp: 21185

Ion Ratio Lower Upper

264 100

260 27.3 20.2 30.2

265 39.4 23.3 34.9#

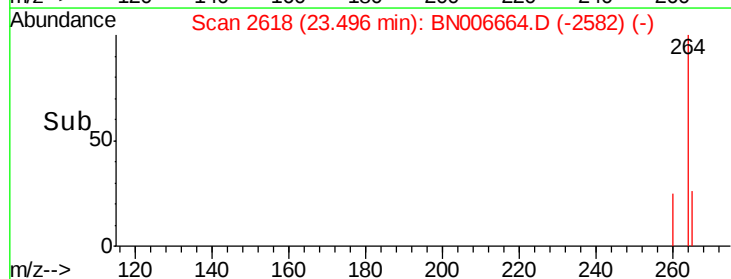
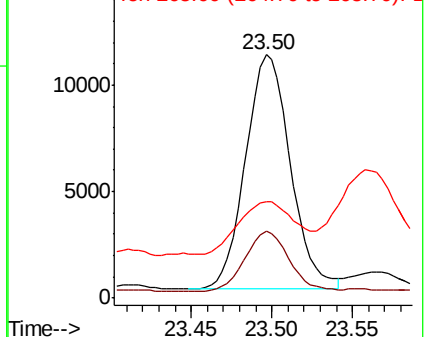


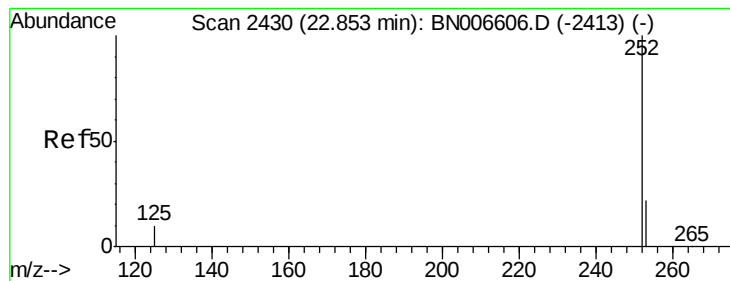
Abundance

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: 3.288 ng

RT: 22.83 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

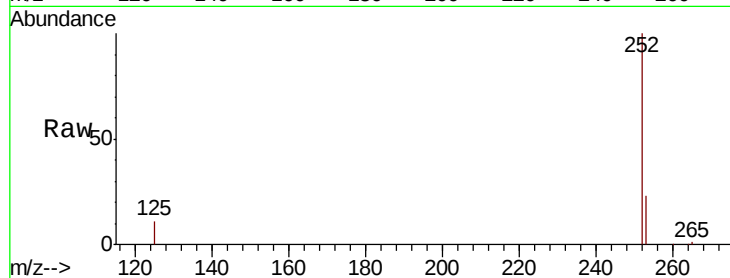
Tgt Ion: 252 Resp: 236908

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

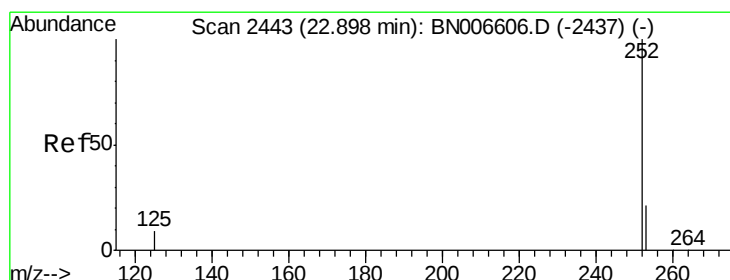
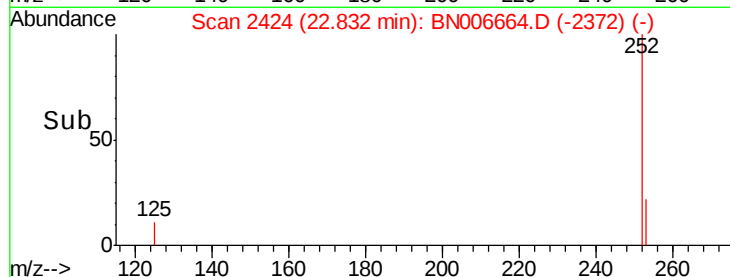
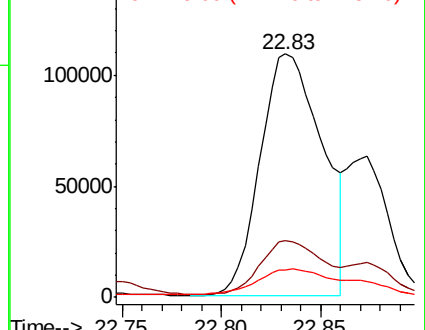
125 11.5 8.7 13.1



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: 3.084 ng

RT: 22.83 min Scan# 2424

Delta R.T. -0.07 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

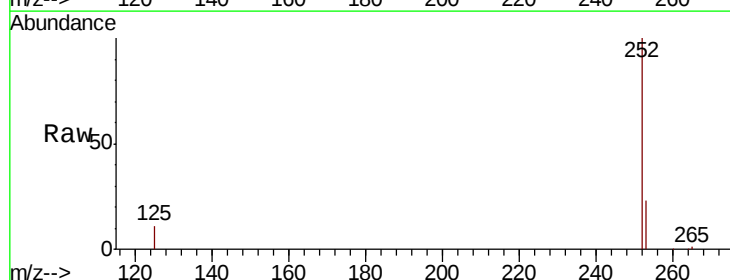
Tgt Ion: 252 Resp: 236908

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

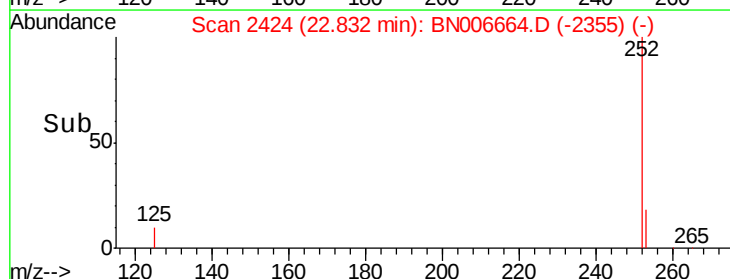
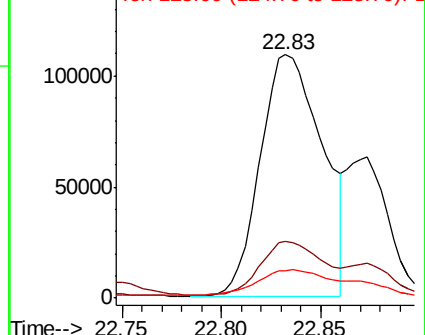
125 11.5 8.4 12.6

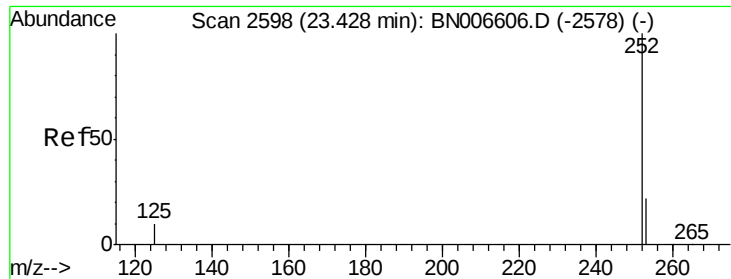


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 2.631 ng

RT: 23.40 min Scan# 2590

Delta R.T. -0.03 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019

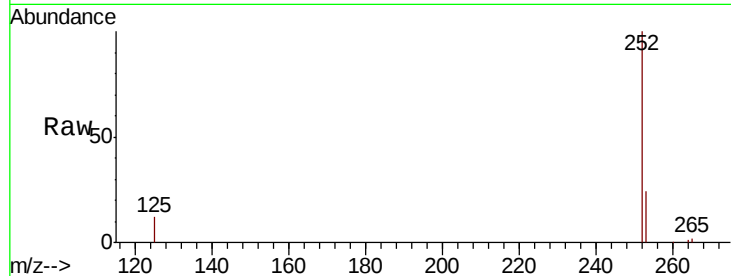
Tgt Ion: 252 Resp: 177227

Ion Ratio Lower Upper

252 100

253 23.7 18.8 28.2

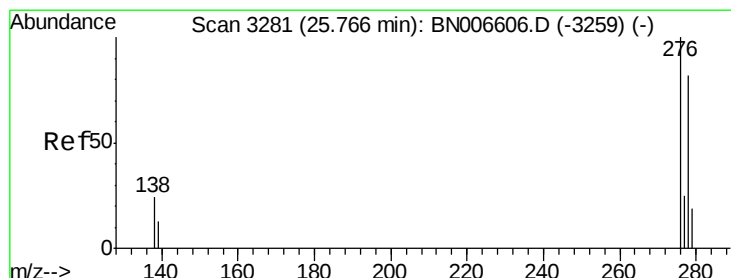
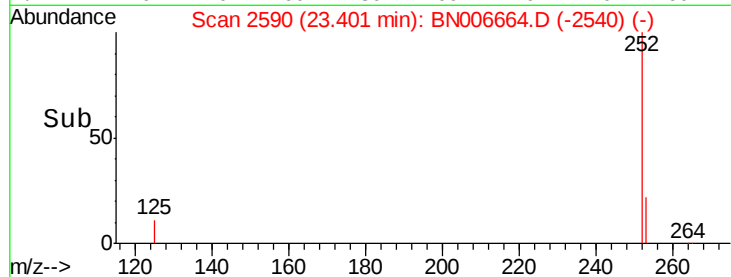
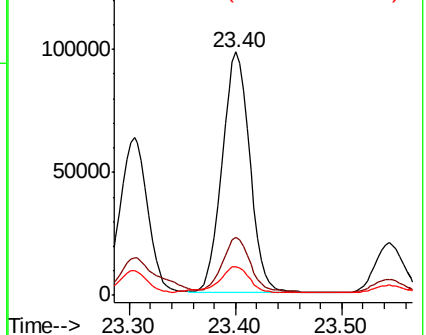
125 11.9 9.4 14.2



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: 0.552 ng

RT: 25.73 min Scan# 3270

Delta R.T. -0.04 min

Lab File: BN006664.D

Acq: 01 Jul 2019 17:03

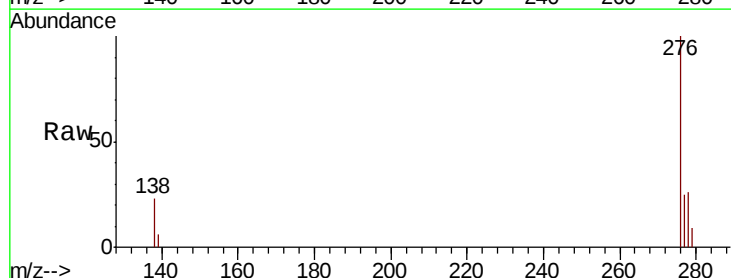
Tgt Ion: 278 Resp: 32494

Ion Ratio Lower Upper

278 100

139 23.2 13.5 20.3#

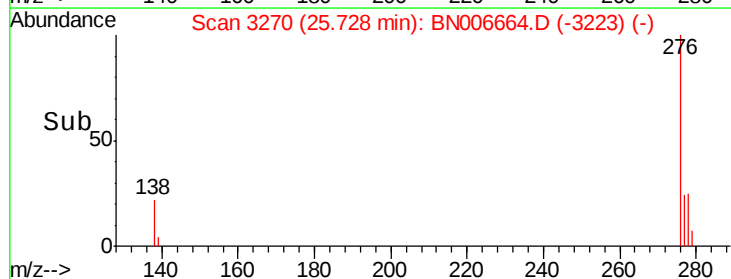
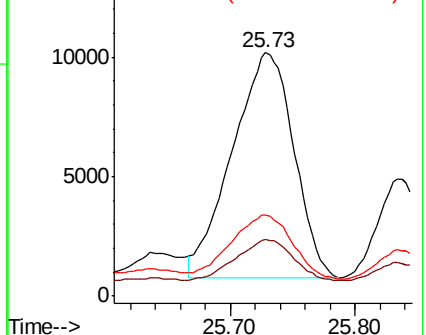
279 33.5 19.4 29.2#

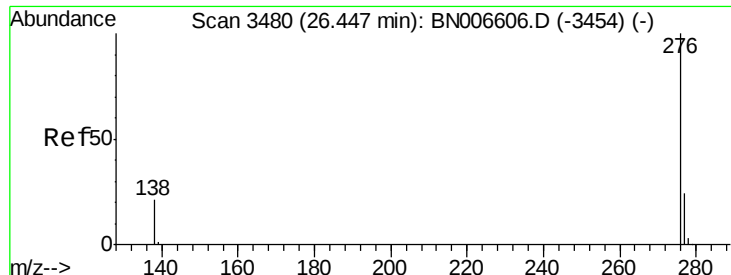


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.529 ng

RT: 26.41 min Scan# 3470

Delta R.T. -0.03 min

Lab File: BN006664.D

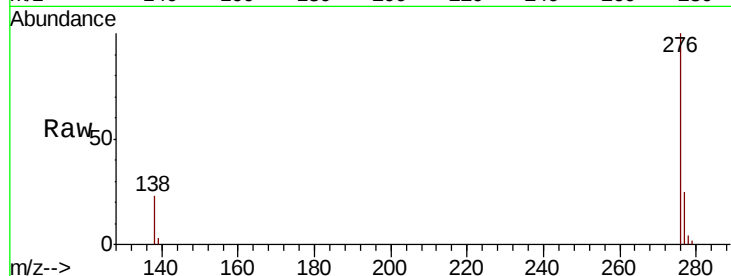
Acq: 01 Jul 2019 17:03

Instrument :

BNA_N

ClientSampleId :

EXT-029-SW169-062019



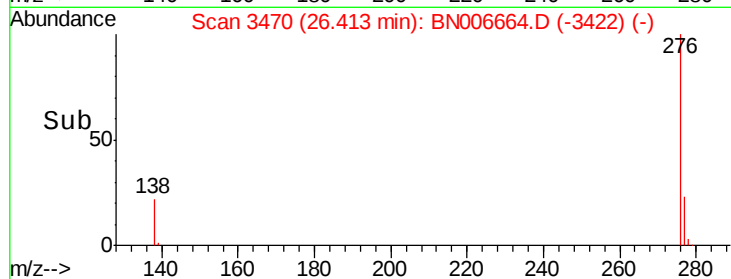
Tgt Ion: 276 Resp: 89806

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 22.9 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

