

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
 Data File : BN006654.D
 Acq On : 01 Jul 2019 09:47
 Operator : HP/JU
 Sample : K3504-19MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B213-062019MS

Quant Time: Jul 02 05:03:52 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	3897	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	15313	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	8444	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	18824	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	16871	0.40	ng	-0.01
34) Perylene-d12	23.51	264	18431	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	3510	0.37	ng	0.00
5) Phenol-d6	6.81	99	4936	0.39	ng	-0.02
8) Nitrobenzene-d5	8.79	82	3442	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	8228	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	1349	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	10436	0.33	ng	-0.01
25) Fluoranthene-d10	19.08	212	16458	0.30	ng	0.00
29) Terphenyl-d14	19.68	244	11722	0.33	ng	0.00

Target Compounds

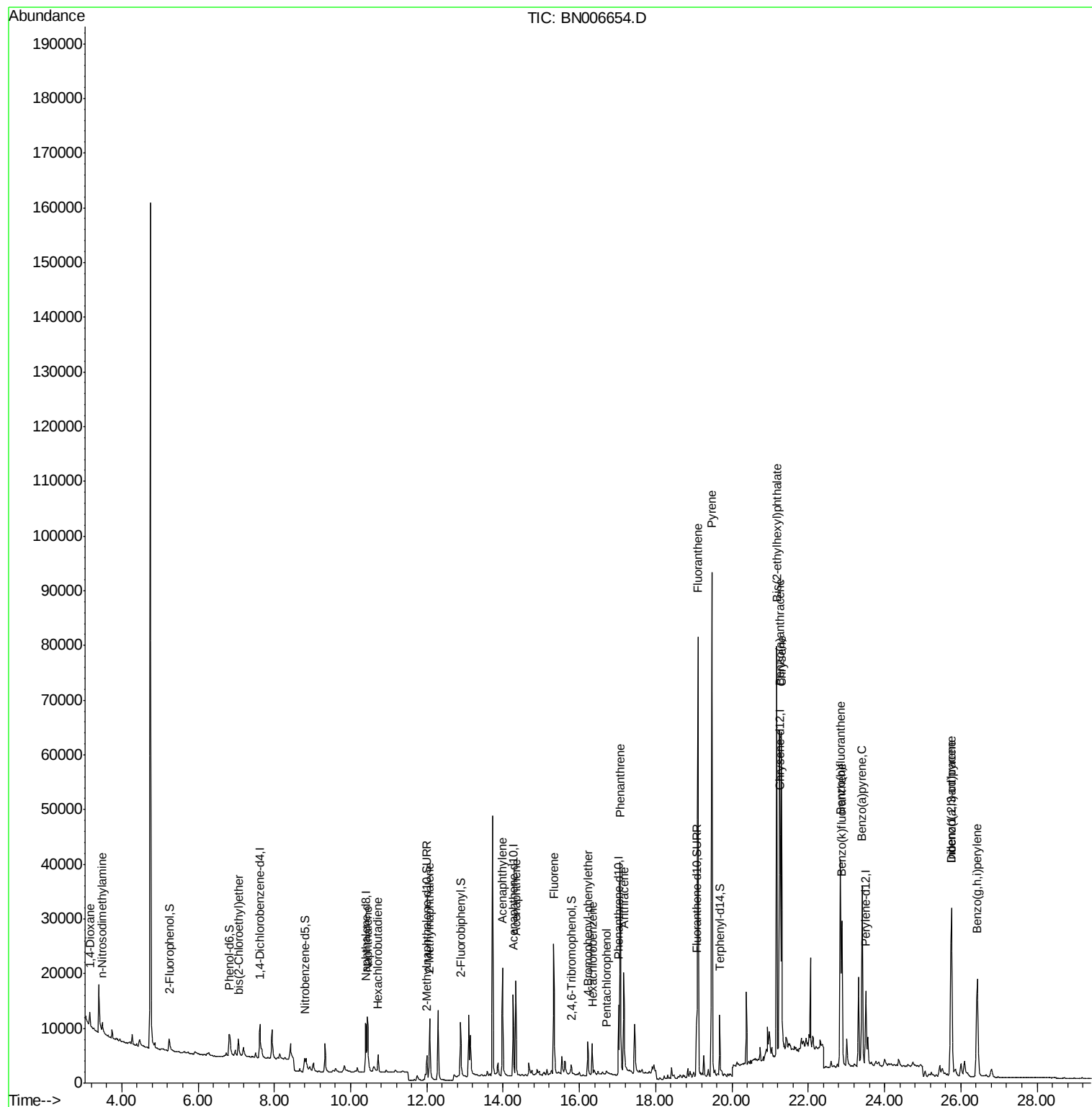
						Qvalue
2) 1,4-Dioxane	3.17	88	1483	0.275	ng	# 55
3) n-Nitrosodimethylamine	3.49	42	1529	0.361	ng	# 89
6) bis(2-Chloroethyl)ether	7.06	93	3468	0.307	ng	87
9) Naphthalene	10.44	128	15457	0.384	ng	99
10) Hexachlorobutadiene	10.72	225	2599	0.314	ng	# 99
12) 2-Methylnaphthalene	12.07	142	10340	0.372	ng	99
16) Acenaphthylene	13.99	152	23338	0.580	ng	100
17) Acenaphthene	14.33	154	9328	0.352	ng	99
18) Fluorene	15.32	166	12236	0.366	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	3485	0.334	ng	# 87
21) Hexachlorobenzene	16.35	284	4078	0.309	ng	100
22) Pentachlorophenol	16.72	266	591	0.388	ng	95
23) Phenanthrene	17.07	178	42693	0.798	ng	100
24) Anthracene	17.16	178	22451	0.483	ng	98
26) Fluoranthene	19.11	202	72472	1.114	ng	99
28) Pyrene	19.47	202	86560	1.466	ng	98
30) Benzo(a)anthracene	21.25	228	49365	0.895	ng	97
31) Chrysene	21.30	228	53216	0.895	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	70454	2.538	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	40274	0.669	ng	98
35) Benzo(b)fluoranthene	22.84	252	56061	0.894	ng	99
36) Benzo(k)fluoranthene	22.88	252	34704	0.519	ng	96
37) Benzo(a)pyrene	23.41	252	46286	0.790	ng	99
38) Dibenzo(a,h)anthracene	25.76	278	22696	0.443	ng	95
39) Benzo(g,h,i)perylene	26.43	276	38572	0.755	ng	100

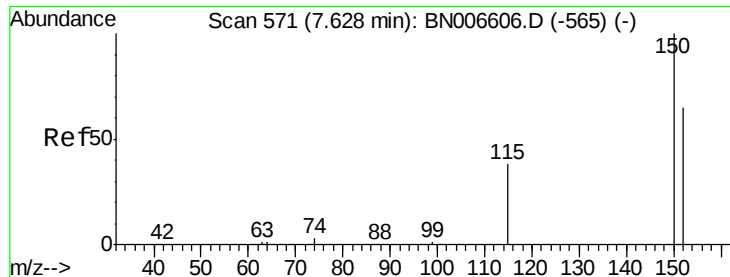
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

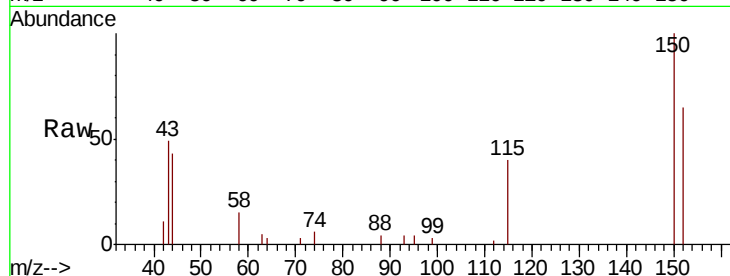
Tgt Ion: 152 Resp: 3897

Ion Ratio Lower Upper

152 100

150 153.2 122.2 183.2

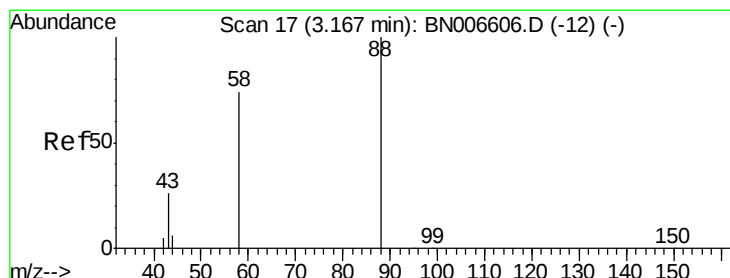
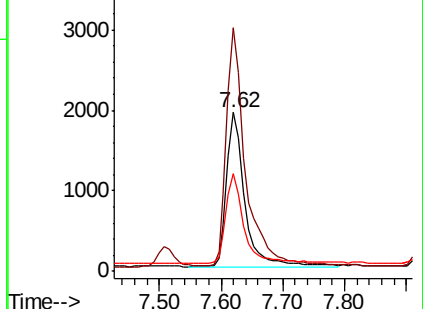
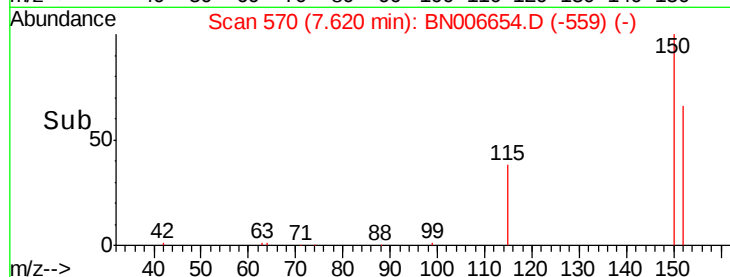
115 61.4 50.0 75.0



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: 0.275 ng

RT: 3.17 min Scan# 17

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

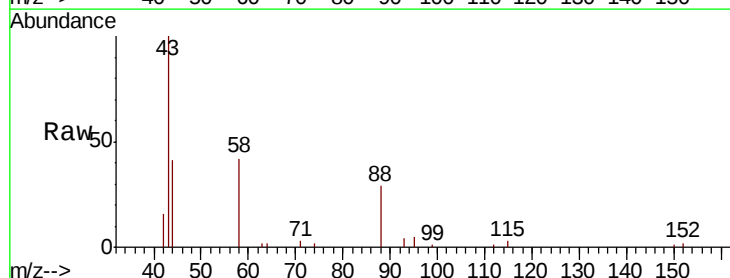
Tgt Ion: 88 Resp: 1483

Ion Ratio Lower Upper

88 100

58 94.4 62.5 93.7#

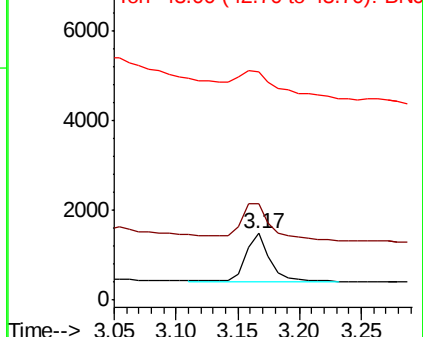
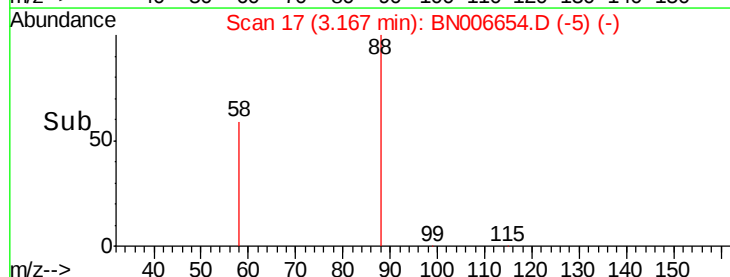
43 93.3 25.4 38.0#

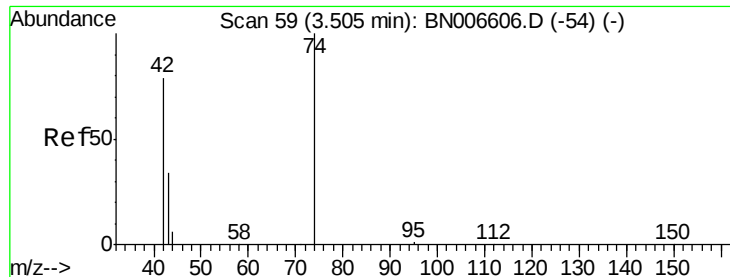


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.361 ng

RT: 3.49 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN006654.D

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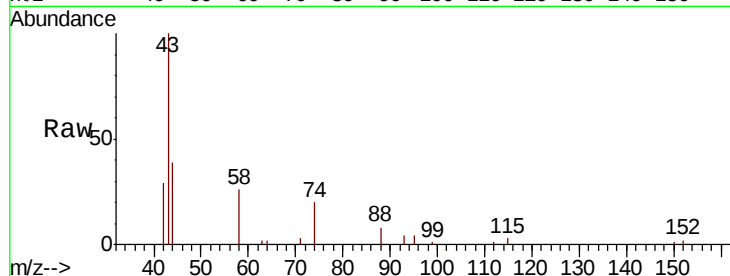
Tgt Ion: 42 Resp: 1529

Ion Ratio Lower Upper

42 100

74 141.3 103.1 154.7

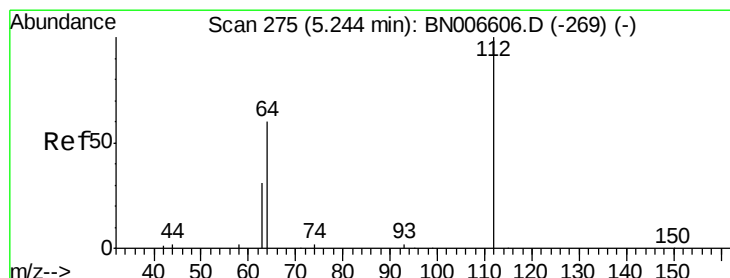
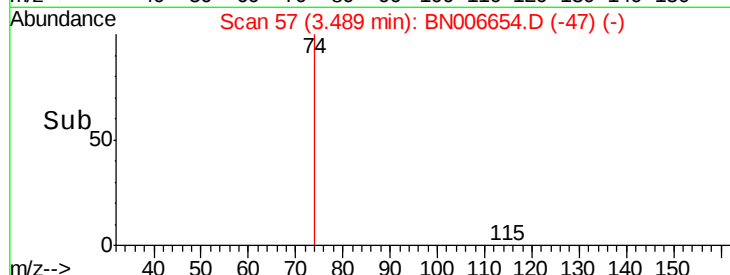
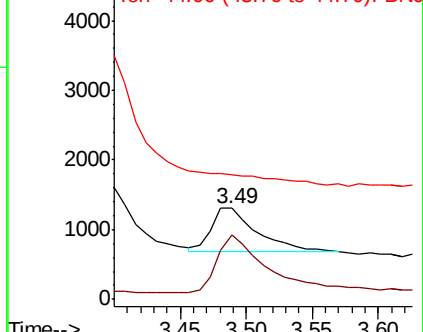
44 0.0 3.4 5.2#



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: 0.367 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

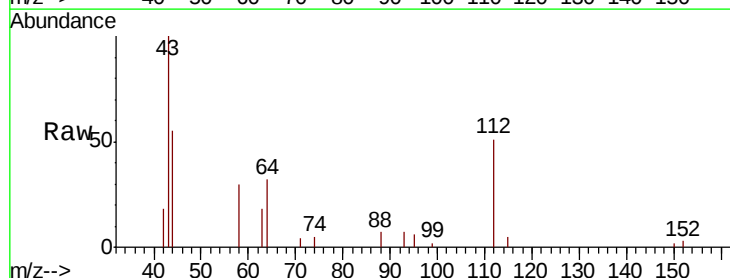
Tgt Ion: 112 Resp: 3510

Ion Ratio Lower Upper

112 100

64 61.5 48.9 73.3

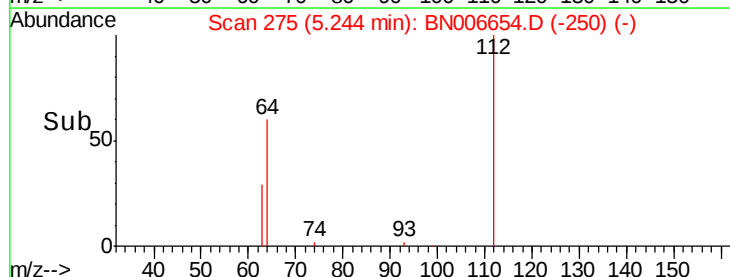
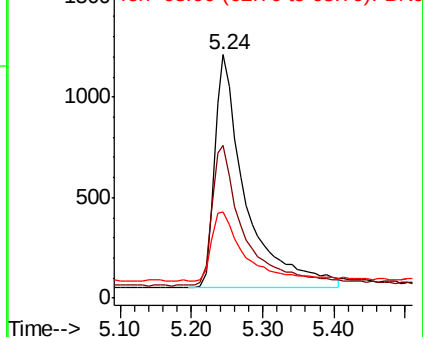
63 32.3 24.3 36.5

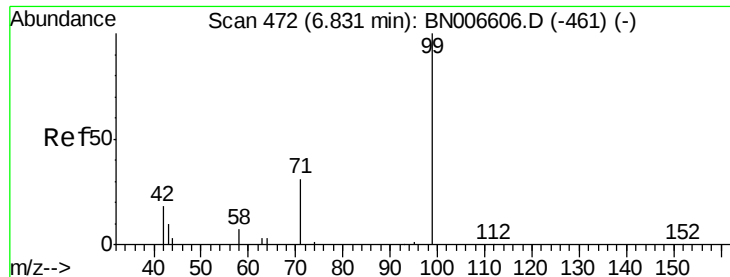


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

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PST-013-B213-062019MS

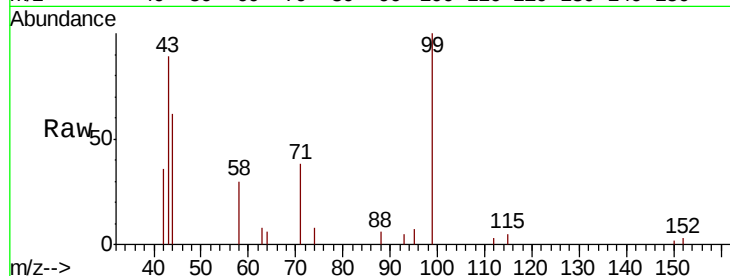
Tgt Ion: 99 Resp: 4936

Ion Ratio Lower Upper

99 100

42 25.3 16.4 24.6#

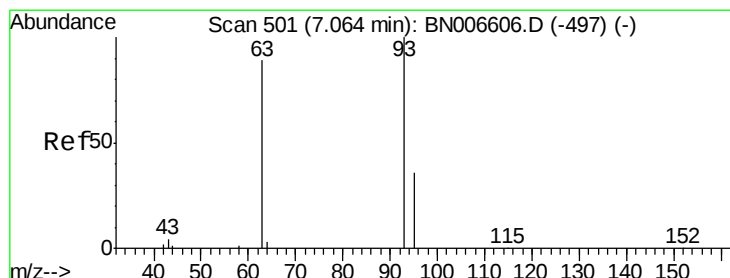
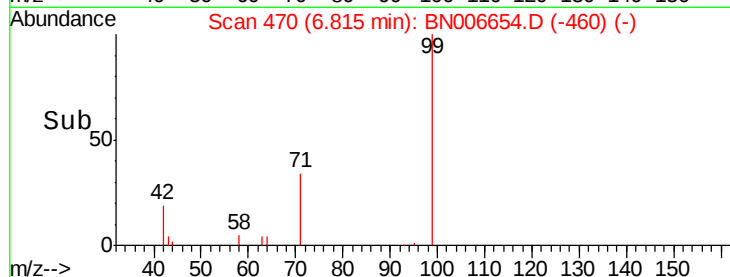
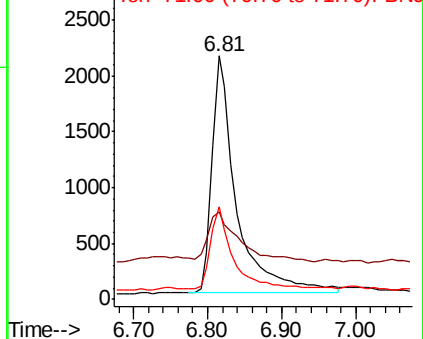
71 30.6 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006606.D (-461) (-)

Ion 42.00 (41.70 to 42.70): BN006606.D (-461) (-)

Ion 71.00 (70.70 to 71.70): BN006606.D (-461) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.307 ng

RT: 7.06 min Scan# 500

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

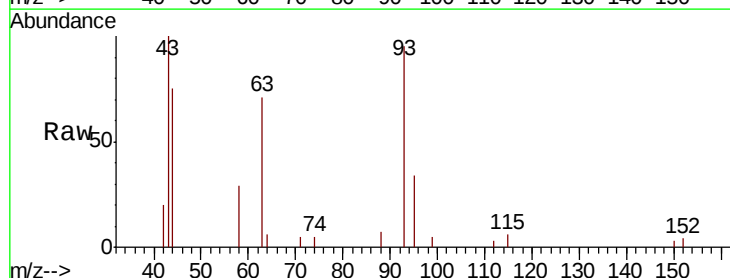
Tgt Ion: 93 Resp: 3468

Ion Ratio Lower Upper

93 100

63 78.3 52.5 78.7

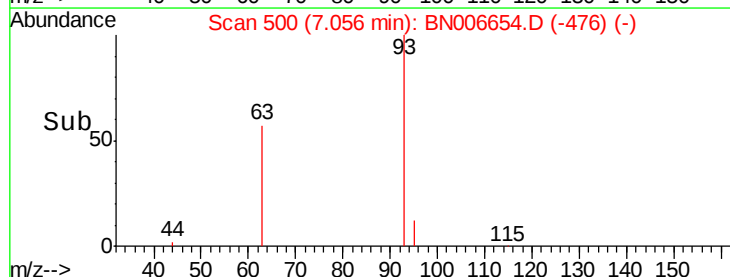
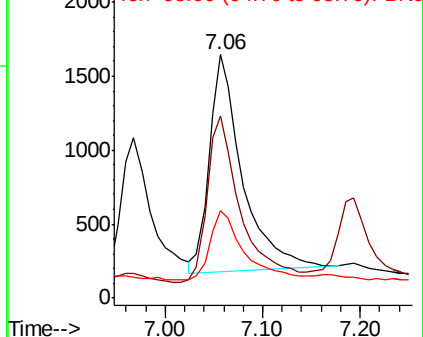
95 33.4 24.2 36.4

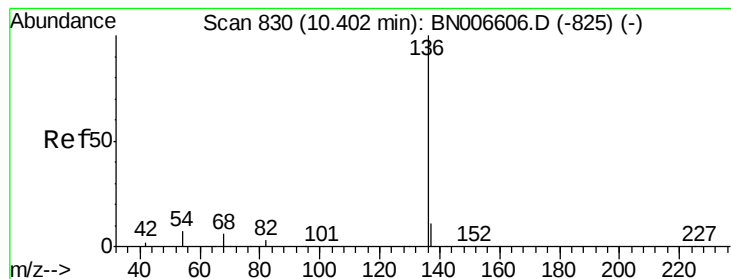


Abundance Ion 93.00 (92.70 to 93.70): BN006606.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN006606.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN006606.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

Tgt Ion: 136 Resp: 15313

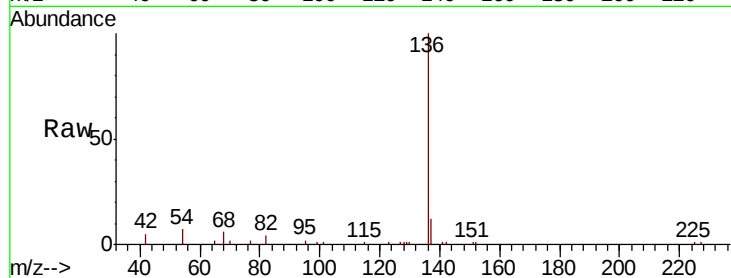
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.1 6.7 10.1

68 5.8 5.3 7.9

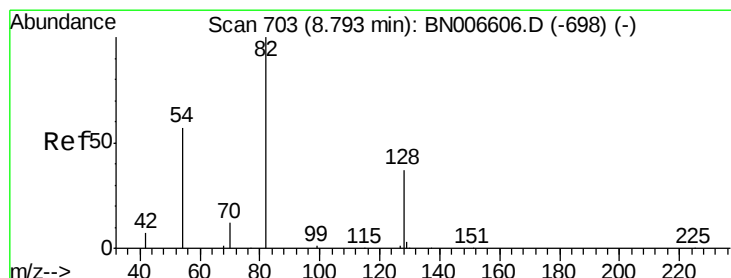
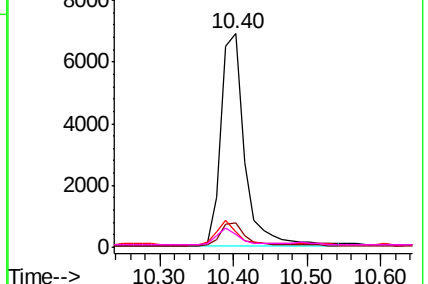
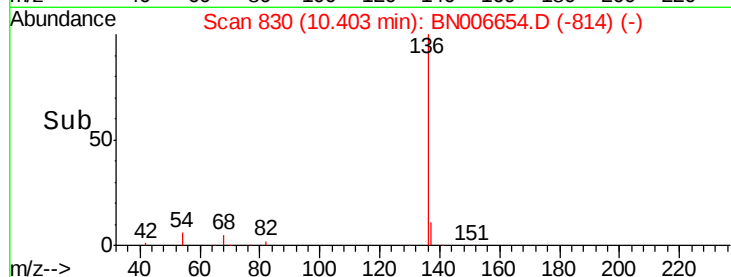


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.334 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

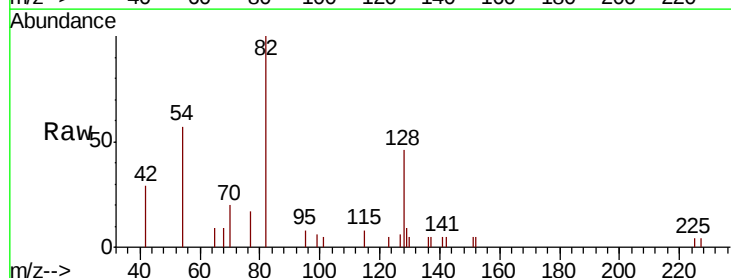
Tgt Ion: 82 Resp: 3442

Ion Ratio Lower Upper

82 100

128 45.6 32.6 49.0

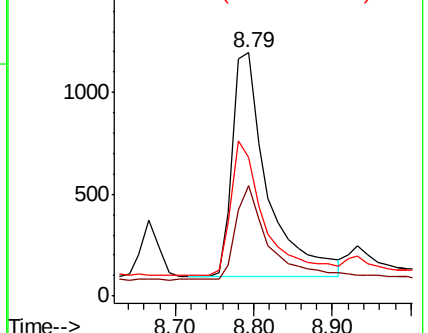
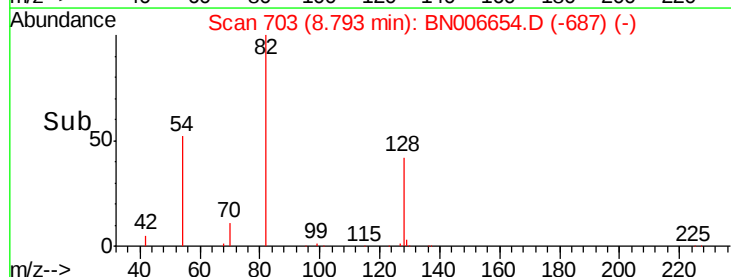
54 56.9 48.2 72.4

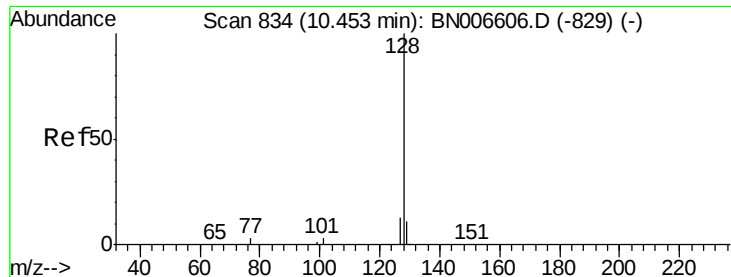


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.384 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

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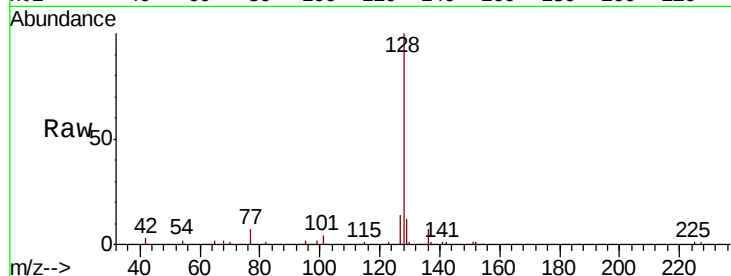
Tgt Ion:128 Resp: 15457

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

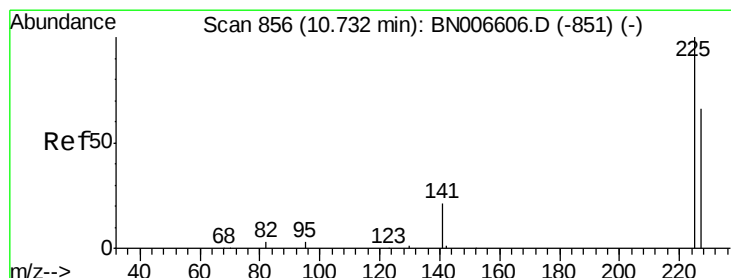
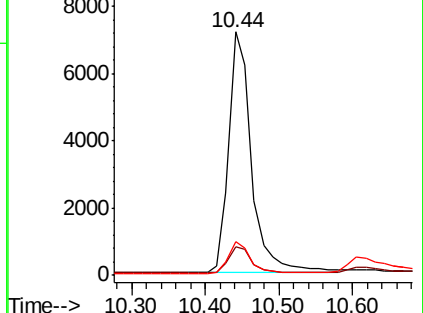
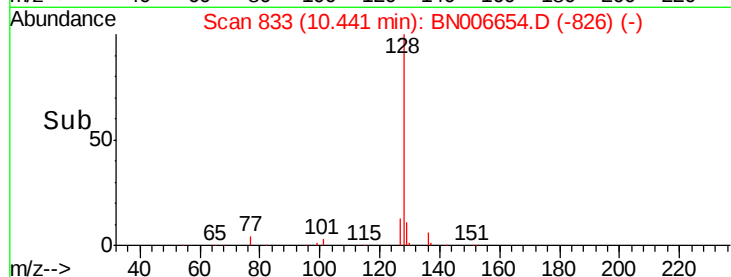
127 14.1 10.8 16.2



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: 0.314 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

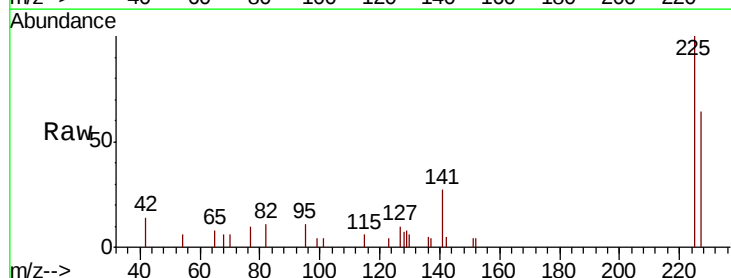
Tgt Ion:225 Resp: 2599

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

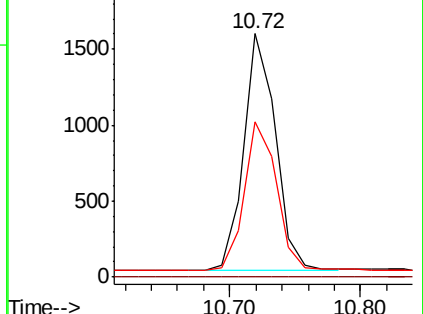
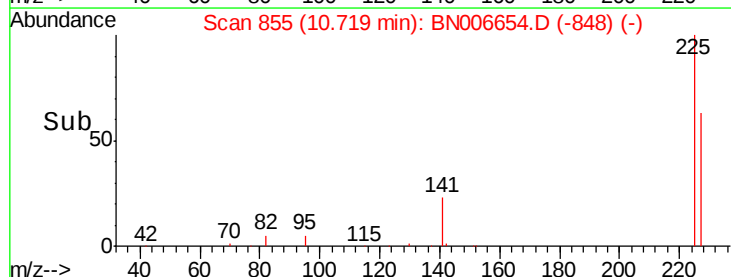
227 63.4 51.4 77.2

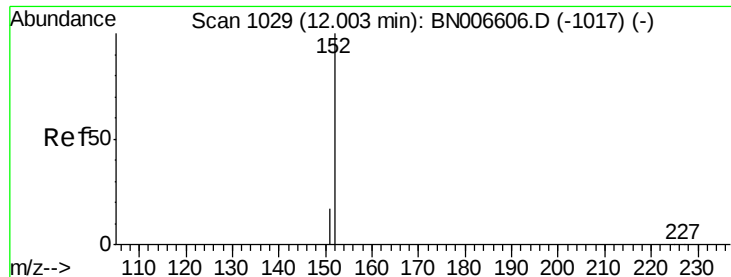


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

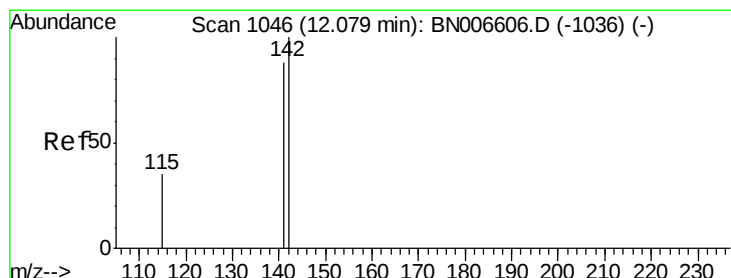
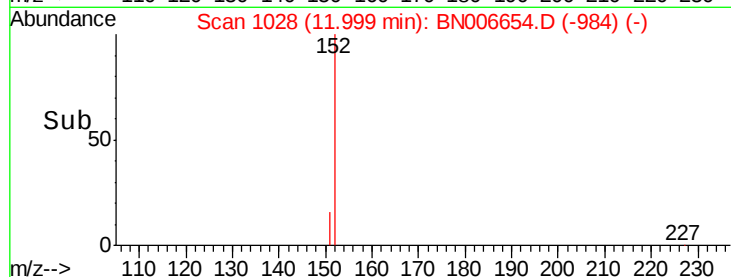
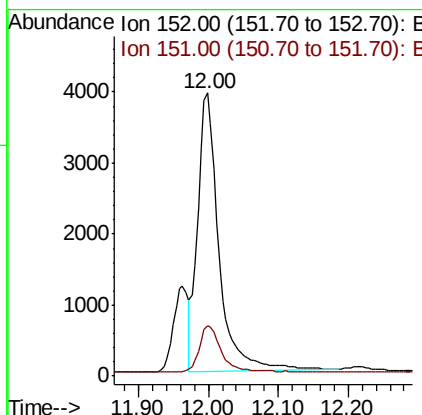
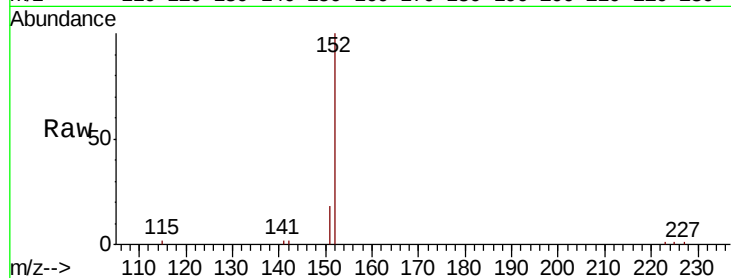




#11
 2-Methylnaphthalene-d10
 Concen: 0.341 ng
 RT: 12.00 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

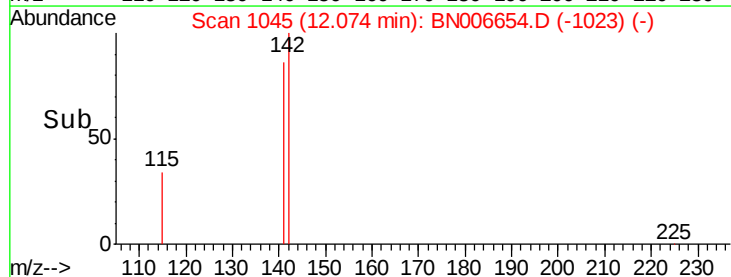
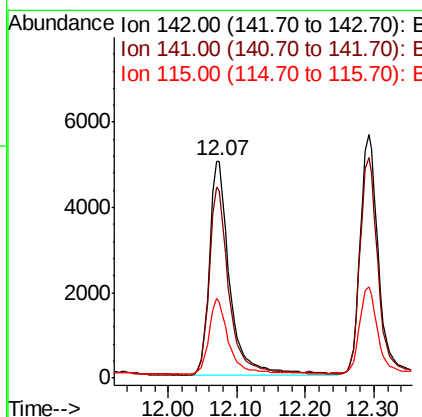
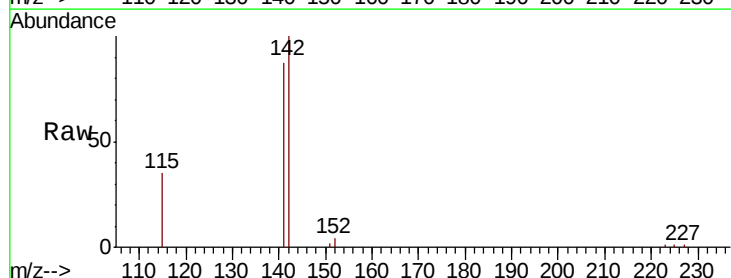
Instrument :
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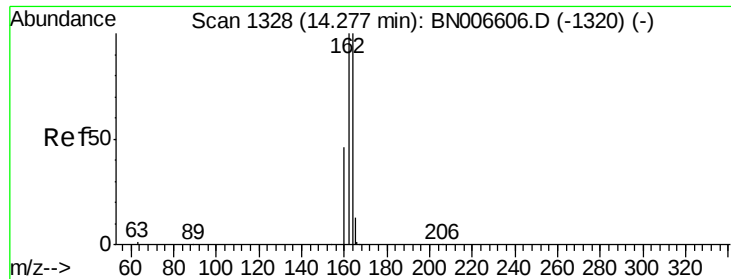
Tgt Ion:152 Resp: 8228
 Ion Ratio Lower Upper
 152 100
 151 17.5 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.372 ng
 RT: 12.07 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BN006654.D
 Acq: 01 Jul 2019 09:47

Tgt Ion:142 Resp: 10340
 Ion Ratio Lower Upper
 142 100
 141 86.5 70.2 105.4
 115 34.9 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: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

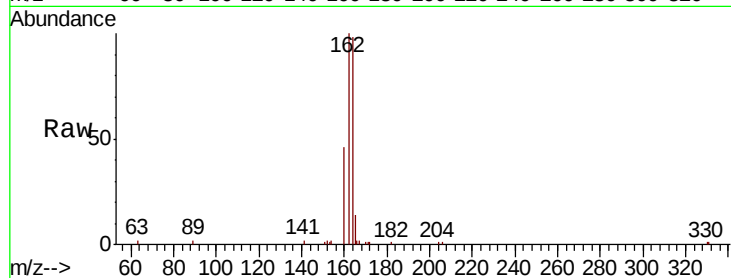
Tgt Ion:164 Resp: 8444

Ion Ratio Lower Upper

164 100

162 102.2 80.0 120.0

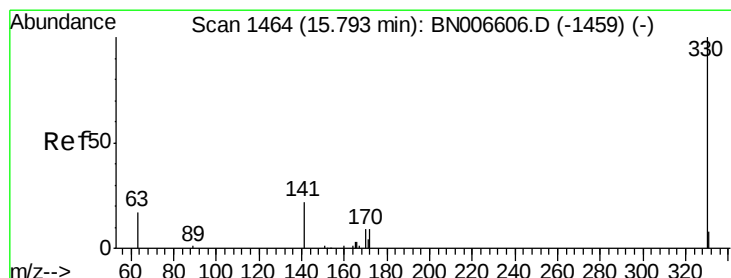
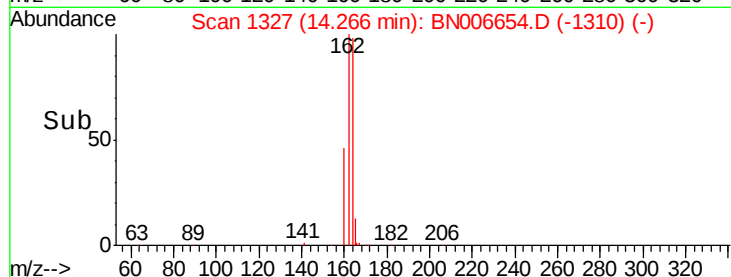
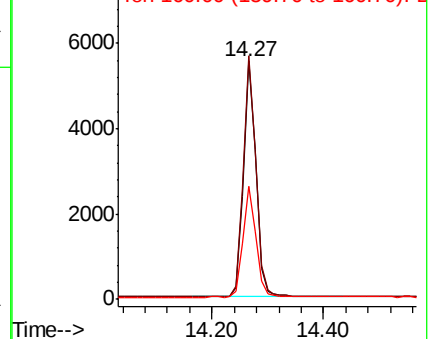
160 47.3 37.0 55.4



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: 0.339 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

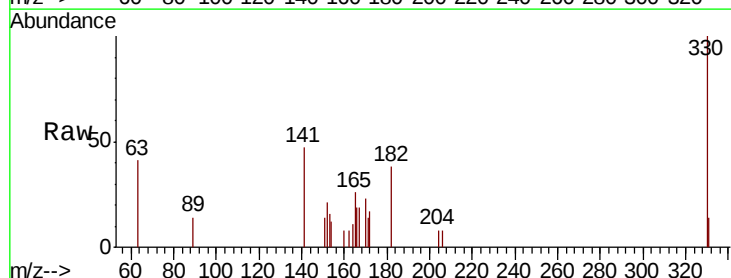
Tgt Ion:330 Resp: 1349

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

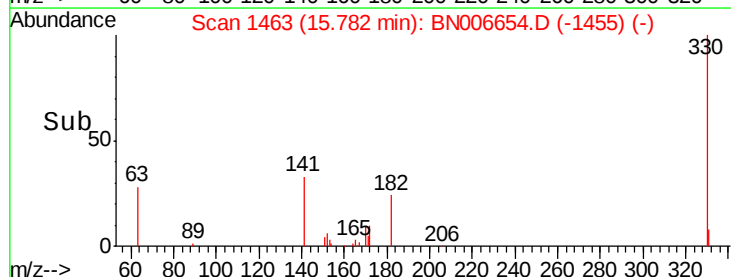
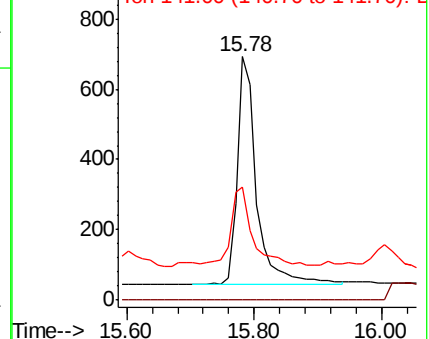
141 38.5 26.5 39.7

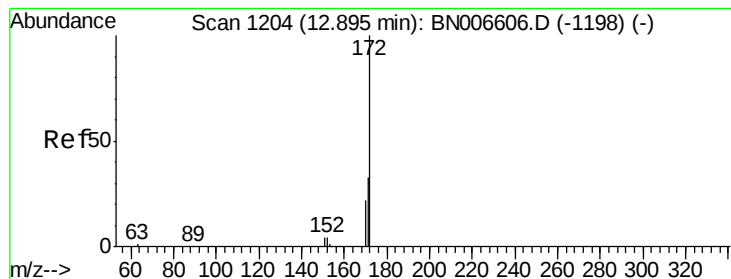


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.334 ng

RT: 12.88 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

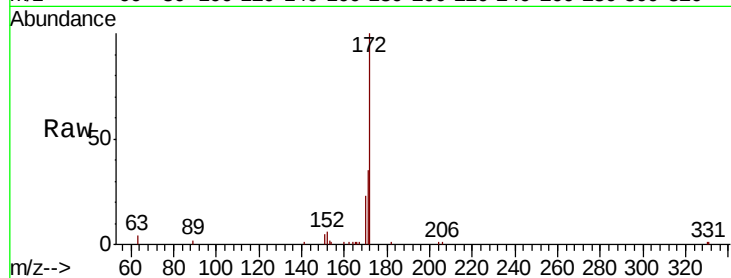
Tgt Ion:172 Resp: 10436

Ion Ratio Lower Upper

172 100

171 34.6 27.0 40.4

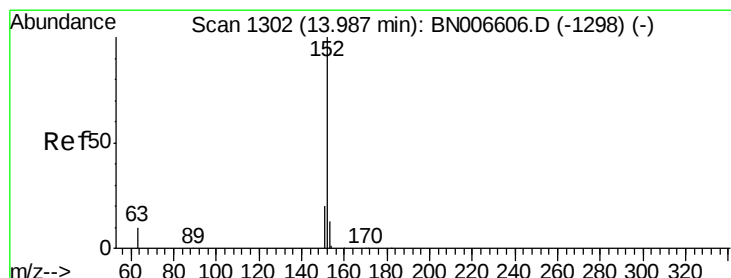
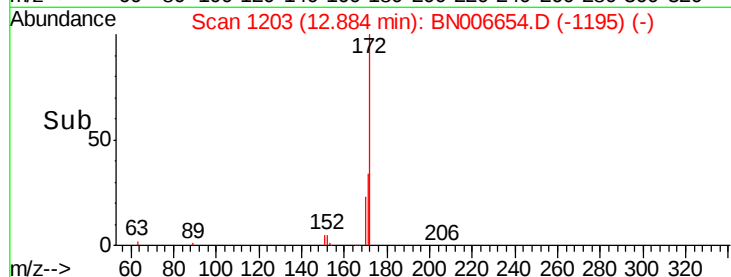
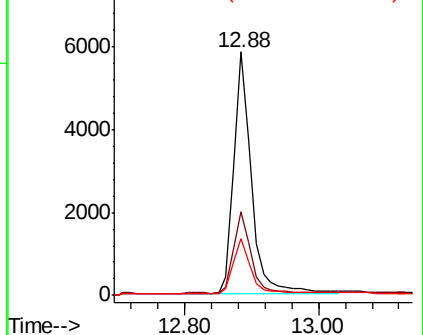
170 23.5 17.7 26.5



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: 0.580 ng

RT: 13.99 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

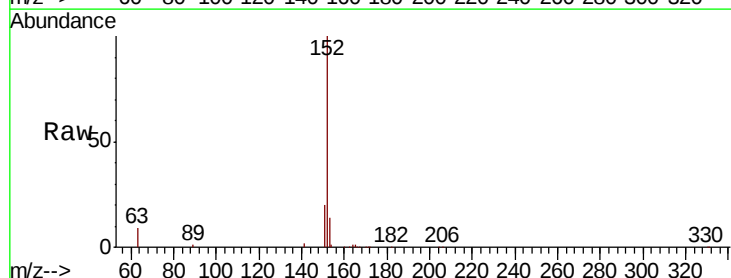
Tgt Ion:152 Resp: 23338

Ion Ratio Lower Upper

152 100

151 19.8 15.6 23.4

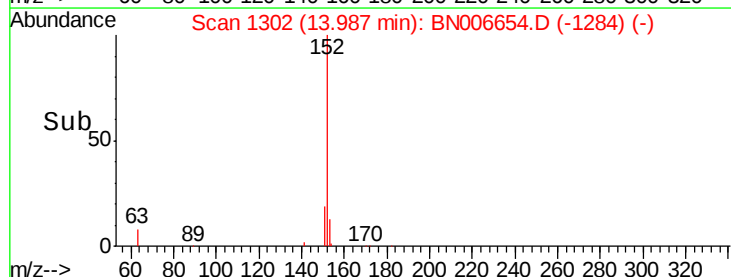
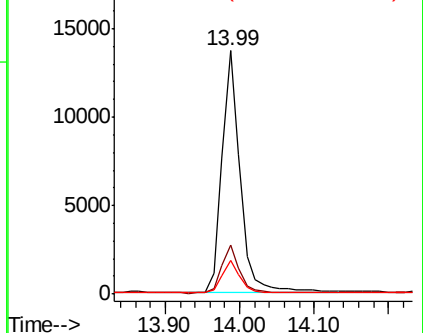
153 13.0 10.5 15.7

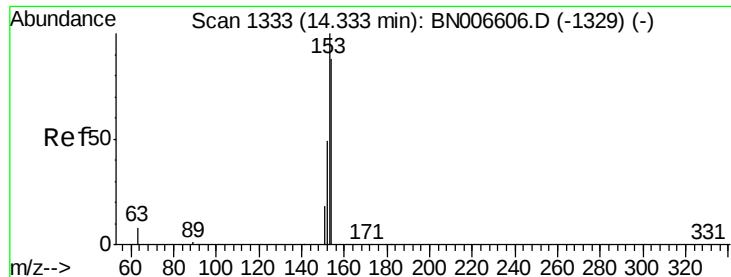


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.352 ng

RT: 14.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

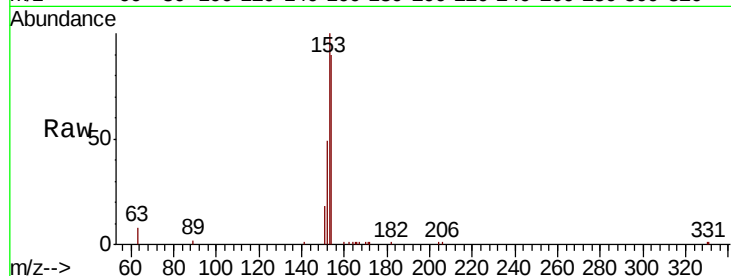
Tgt Ion:154 Resp: 9328

Ion Ratio Lower Upper

154 100

153 114.2 90.2 135.4

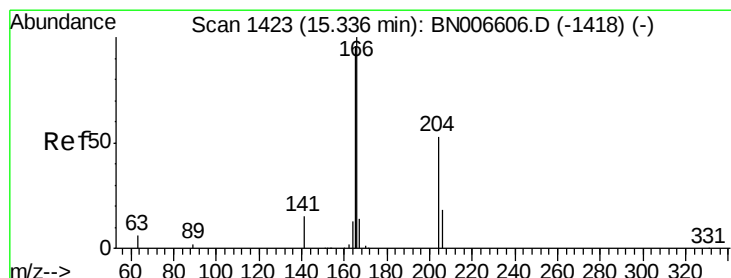
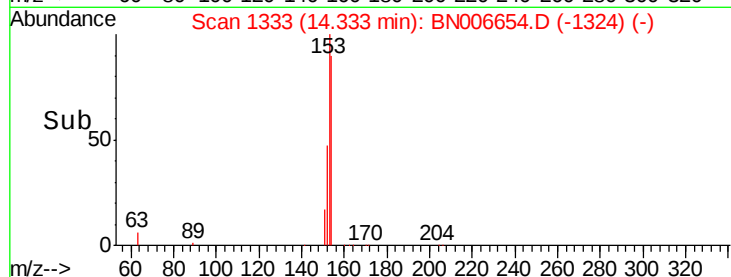
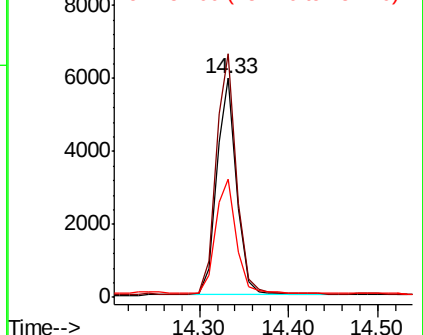
152 55.1 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.366 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

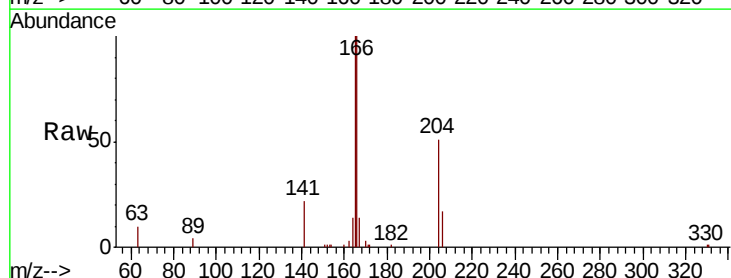
Tgt Ion:166 Resp: 12236

Ion Ratio Lower Upper

166 100

165 97.8 78.4 117.6

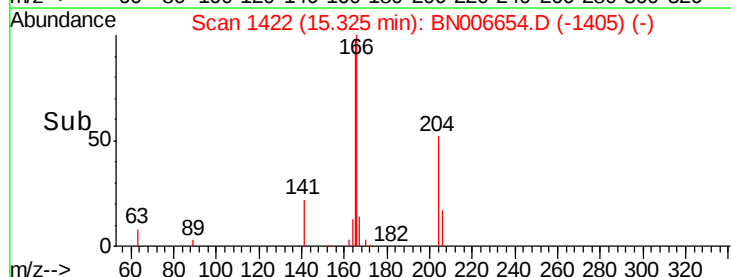
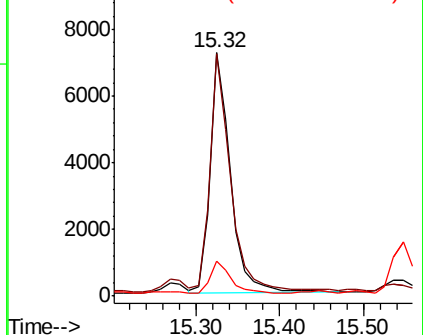
167 13.5 10.8 16.2

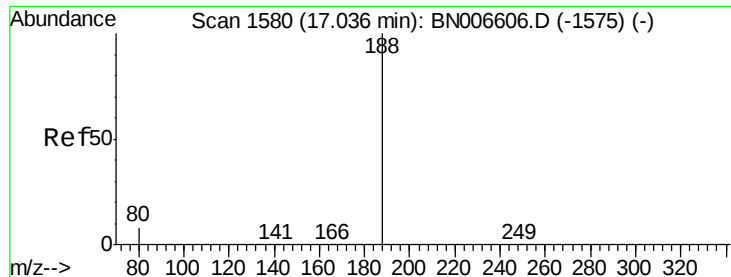


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

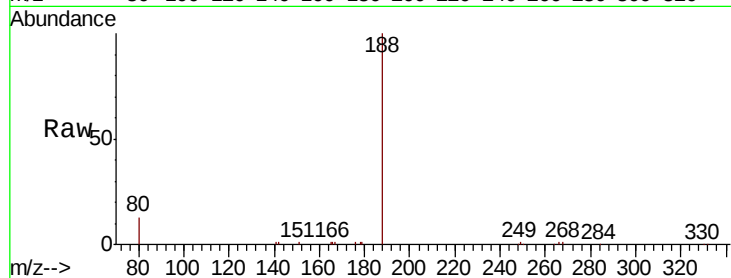
Tgt Ion:188 Resp: 18824

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

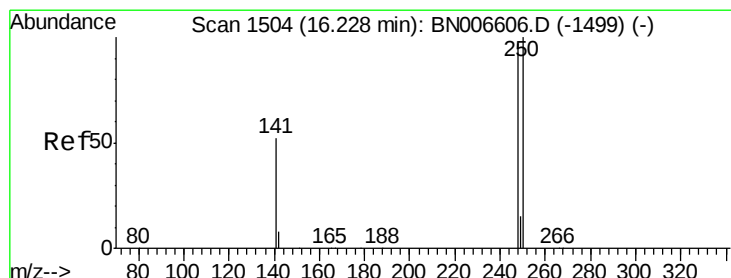
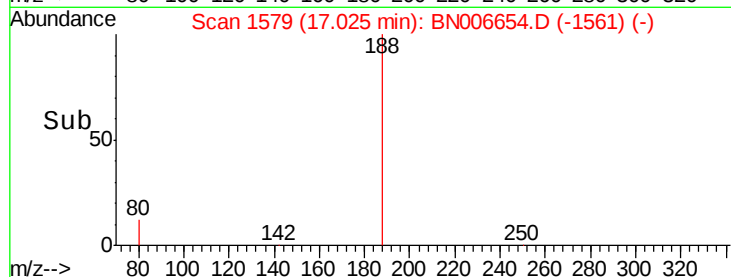
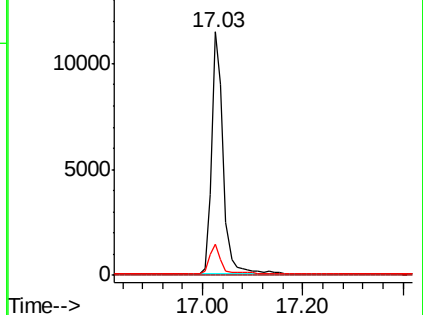
80 12.8 7.1 10.7#



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: 0.334 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

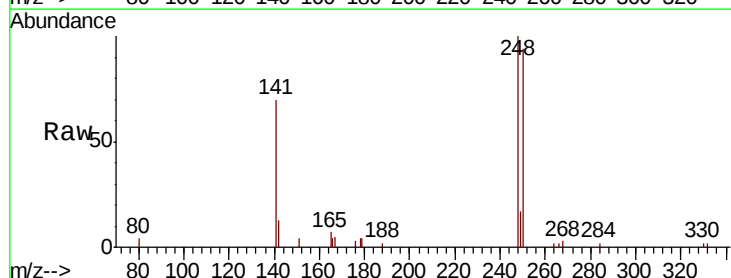
Tgt Ion:248 Resp: 3485

Ion Ratio Lower Upper

248 100

250 94.3 82.2 123.4

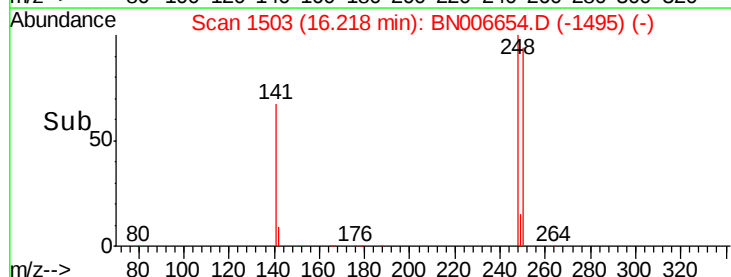
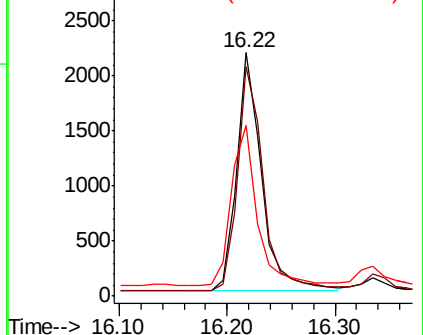
141 70.2 43.8 65.8#

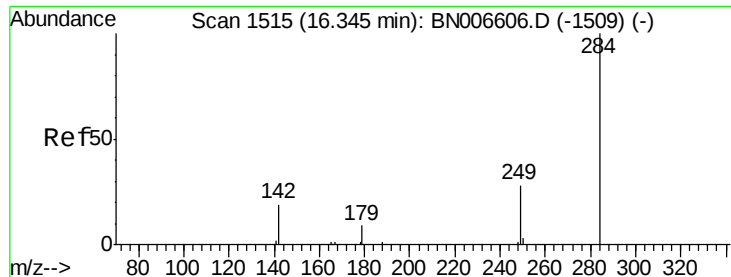


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.309 ng

RT: 16.35 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

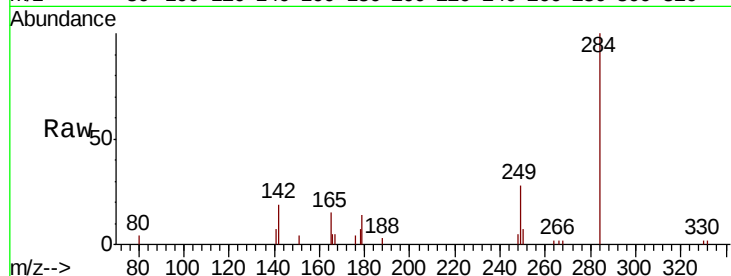
Tgt Ion:284 Resp: 4078

Ion Ratio Lower Upper

284 100

142 34.3 27.5 41.3

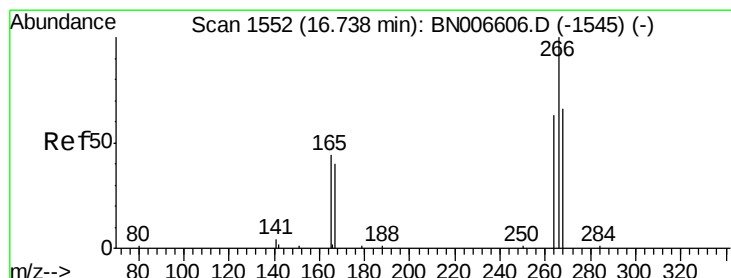
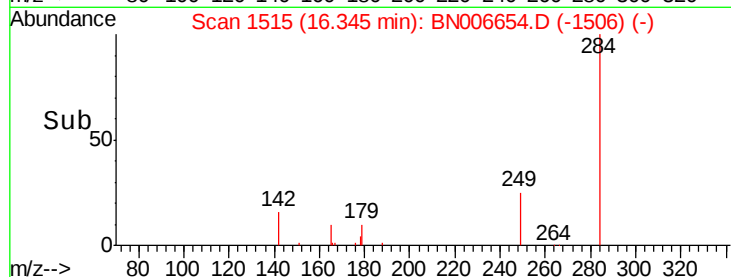
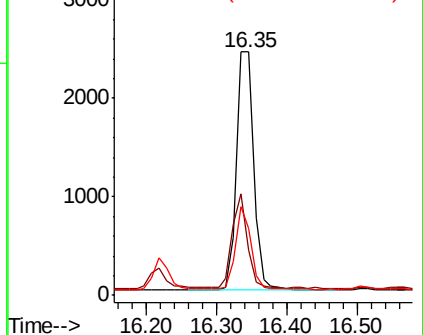
249 30.8 24.7 37.1



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: 0.388 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

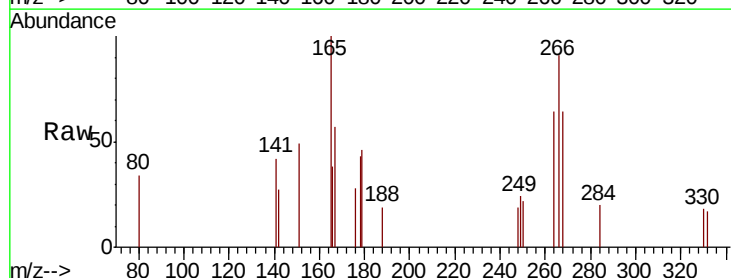
Tgt Ion:266 Resp: 591

Ion Ratio Lower Upper

266 100

264 70.2 56.2 84.4

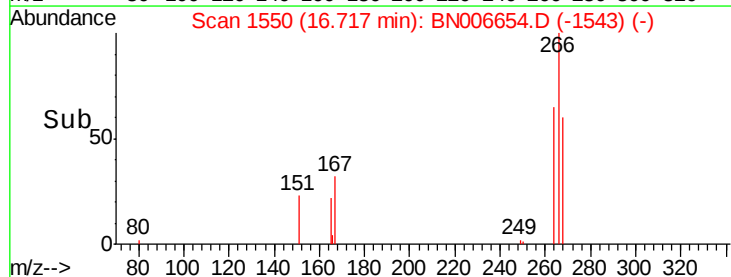
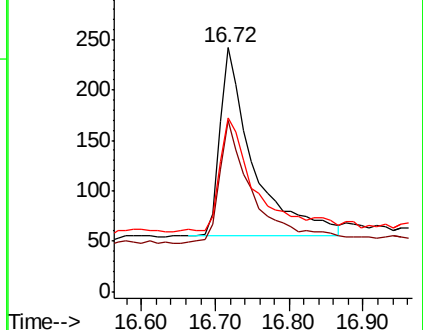
268 71.1 63.0 94.4

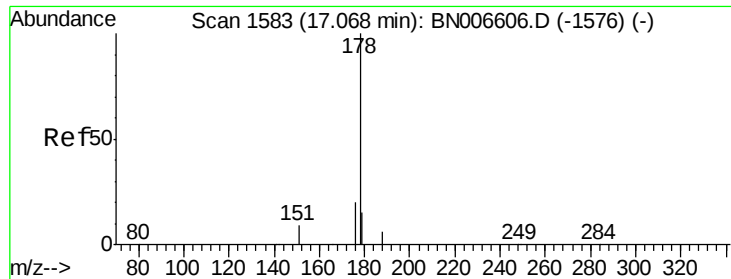


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.798 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

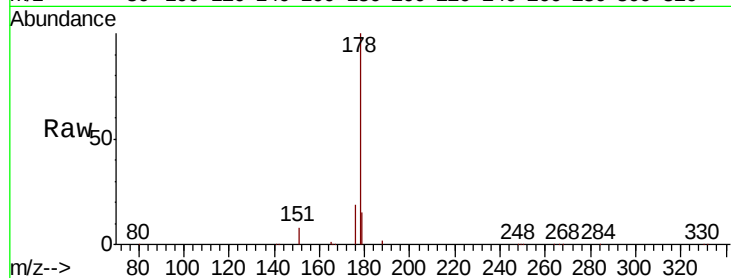
Tgt Ion:178 Resp: 42693

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

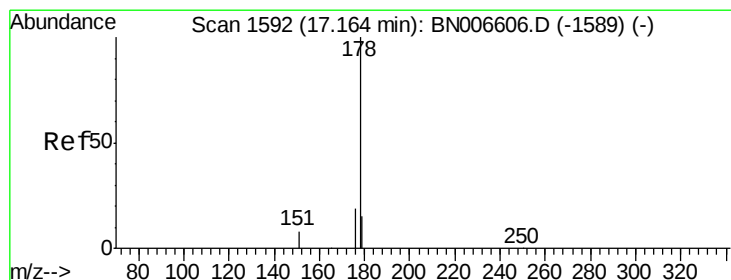
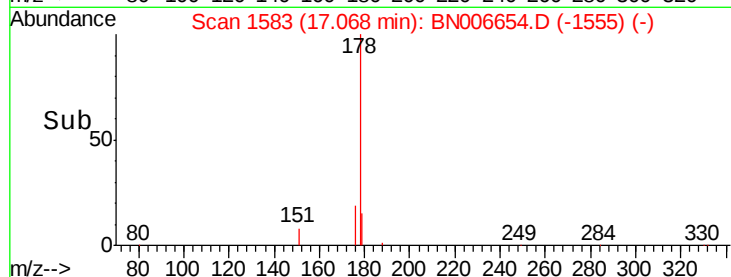
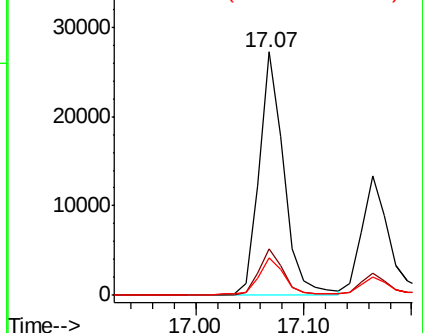
179 15.4 12.2 18.4



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



#24

Anthracene

Concen: 0.483 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

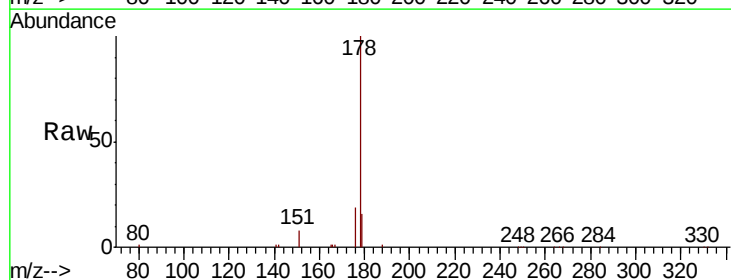
Tgt Ion:178 Resp: 22451

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

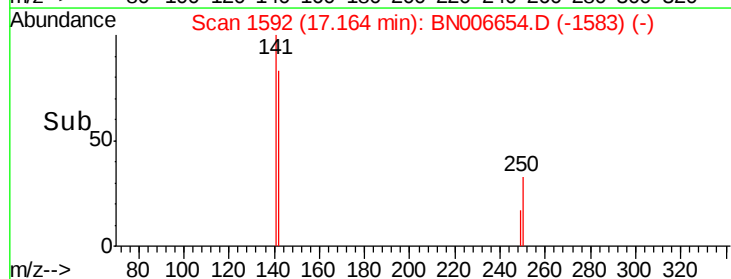
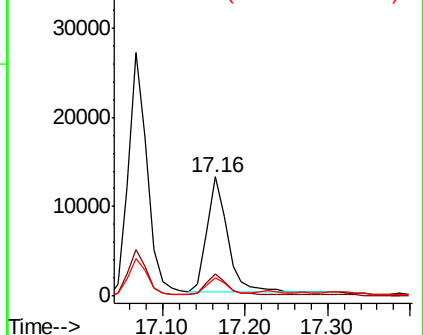
179 13.9 12.2 18.2

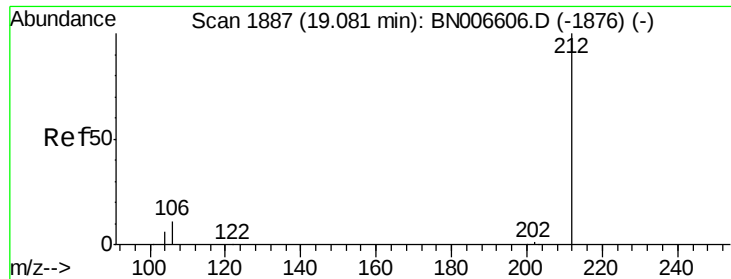


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.298 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

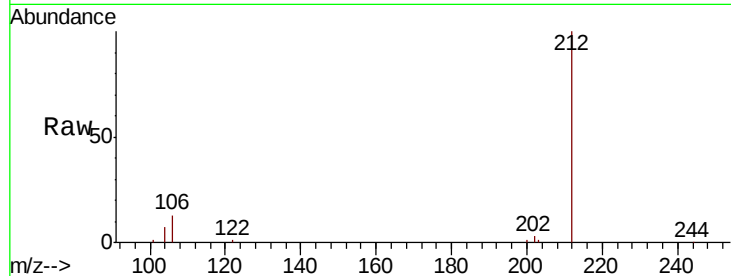
Tgt Ion:212 Resp: 16458

Ion Ratio Lower Upper

212 100

106 14.1 10.6 15.8

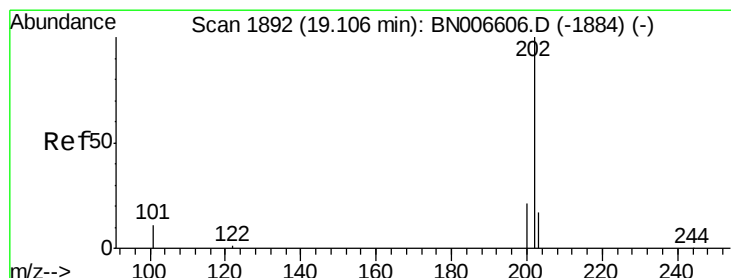
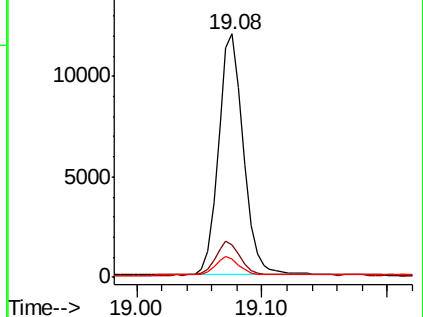
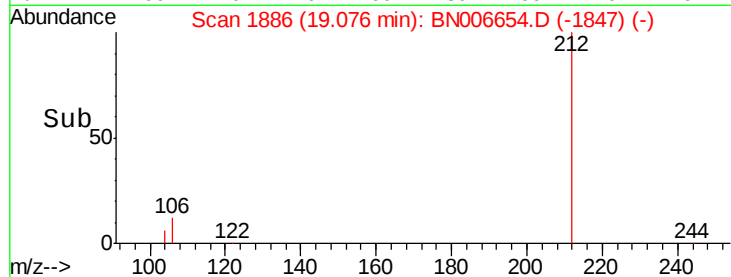
104 7.4 5.8 8.6



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: 1.114 ng

RT: 19.11 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

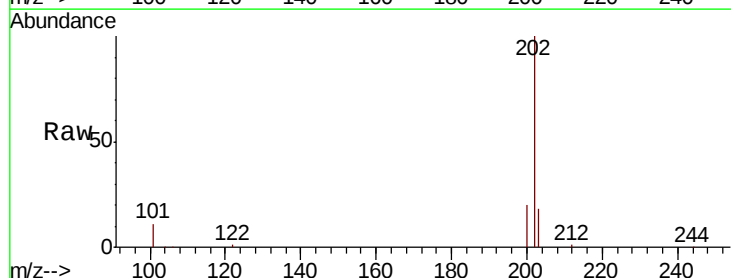
Tgt Ion:202 Resp: 72472

Ion Ratio Lower Upper

202 100

101 11.3 8.9 13.3

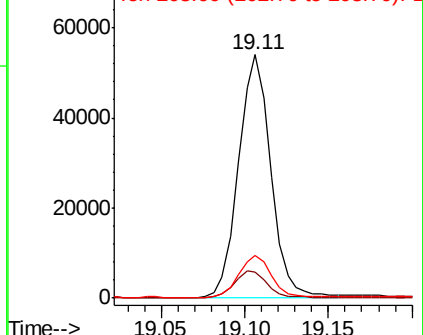
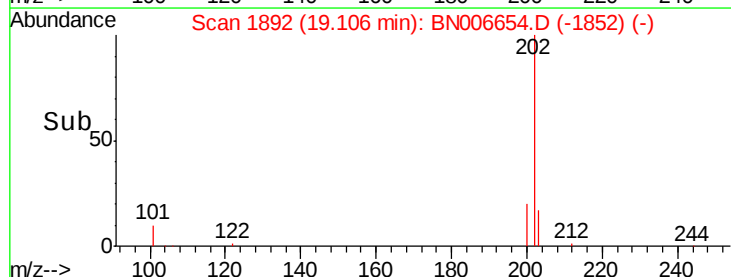
203 17.5 13.6 20.4

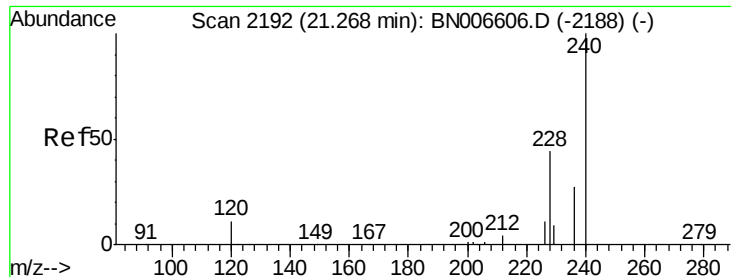


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

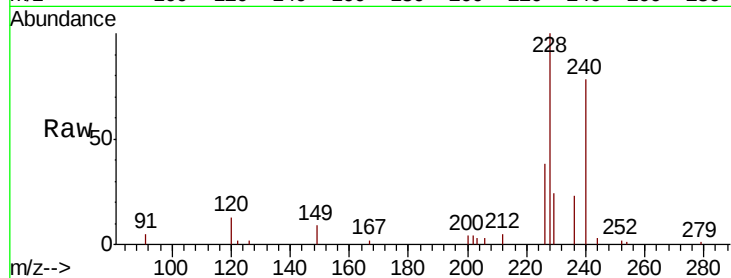
Tgt Ion:240 Resp: 16871

Ion Ratio Lower Upper

240 100

120 16.9 9.9 14.9#

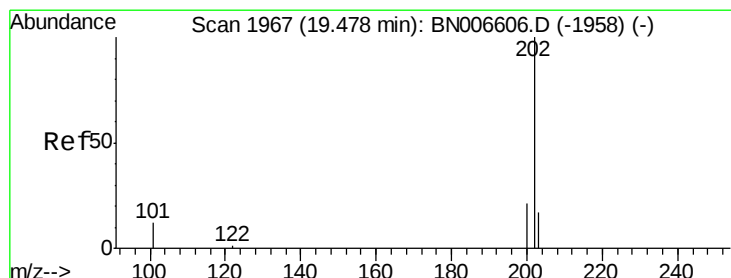
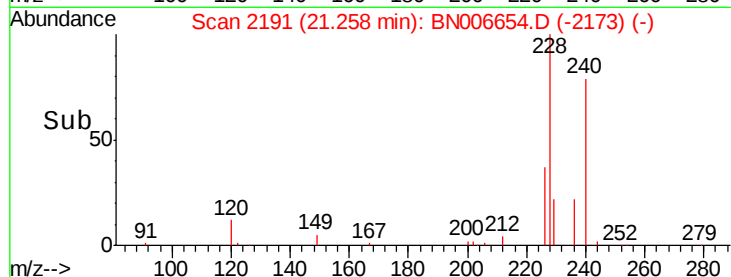
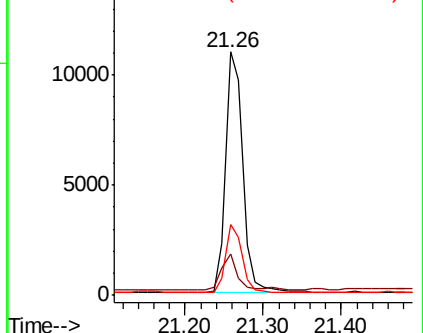
236 29.0 22.2 33.4



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: 1.466 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

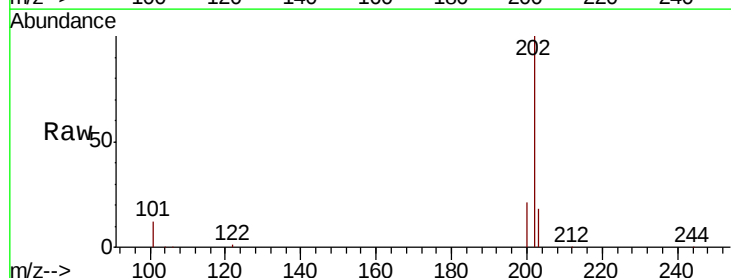
Tgt Ion:202 Resp: 86560

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

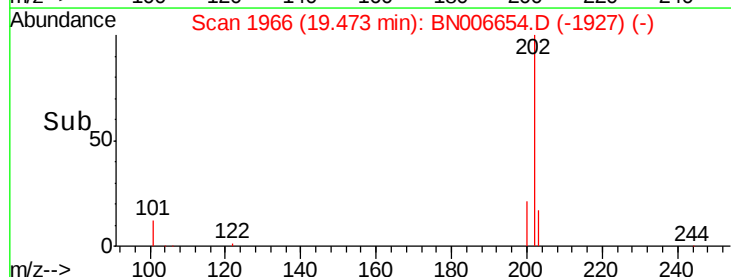
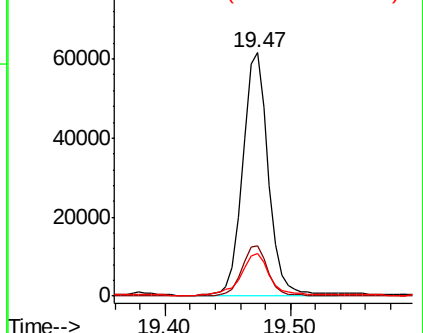
203 19.4 14.1 21.1

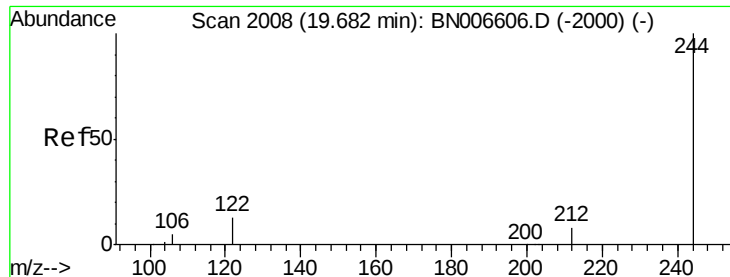


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.332 ng

RT: 19.68 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

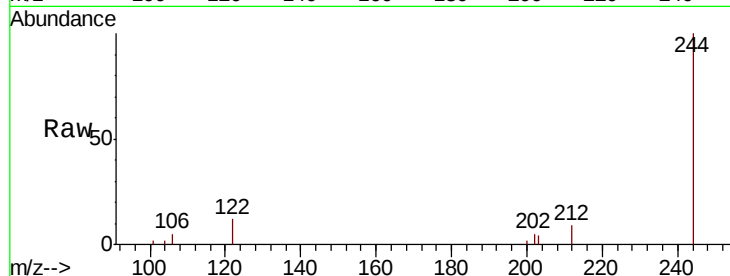
Tgt Ion:244 Resp: 11722

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

122 12.5 11.0 16.6

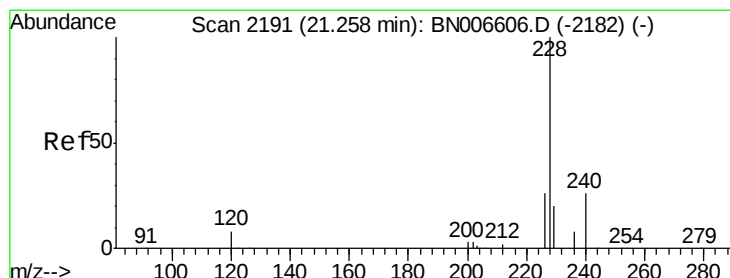
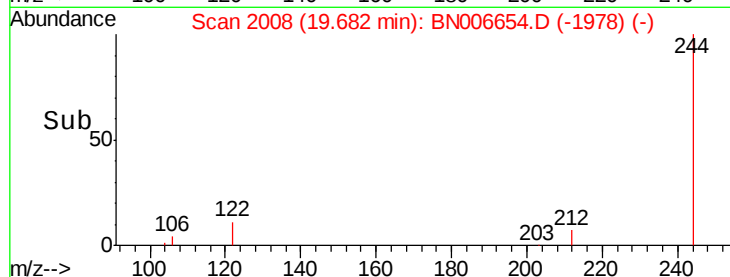
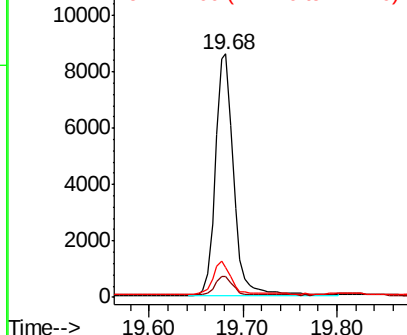


Abundance

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: 0.895 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

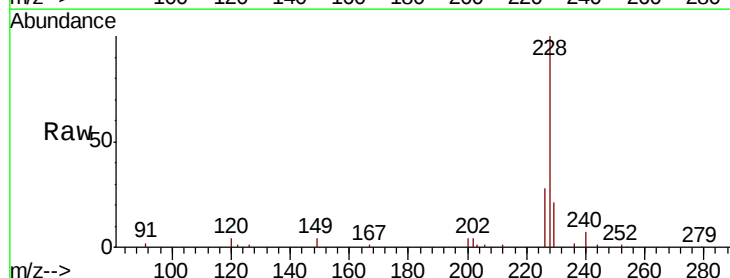
Tgt Ion:228 Resp: 49365

Ion Ratio Lower Upper

228 100

226 28.3 21.2 31.8

229 21.2 16.1 24.1

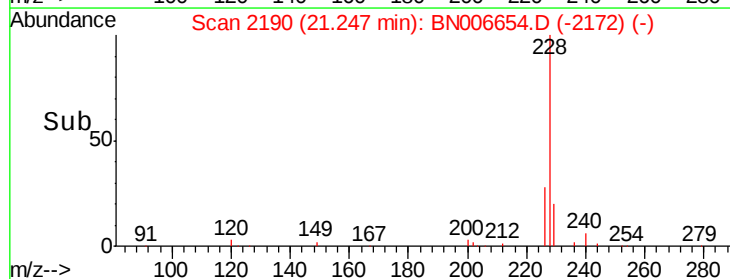
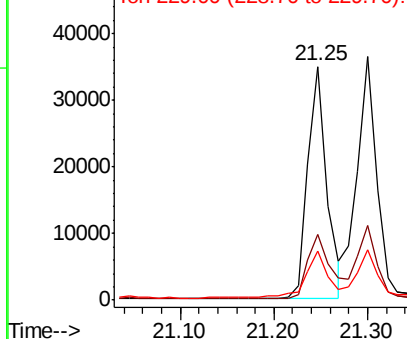


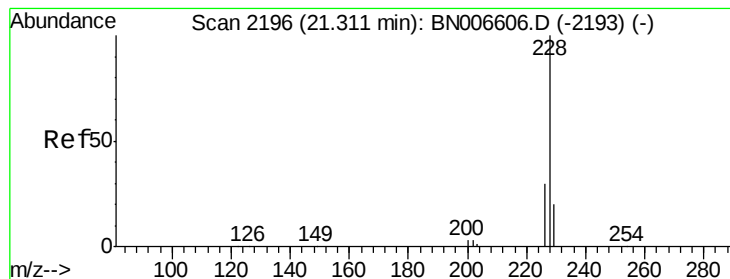
Abundance

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: 0.895 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

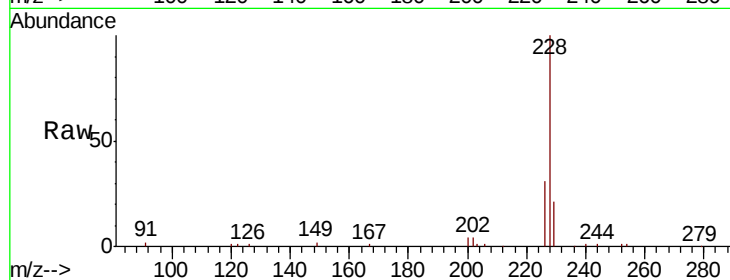
Tgt Ion: 228 Resp: 53216

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.6

229 20.9 15.9 23.9

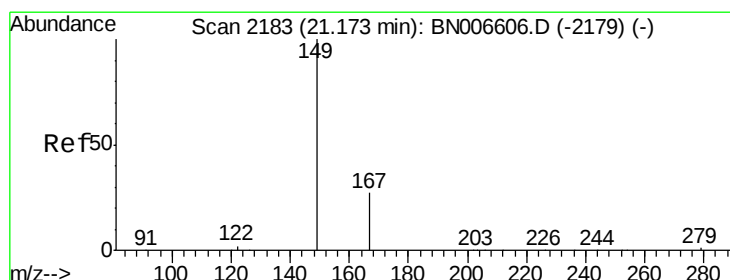
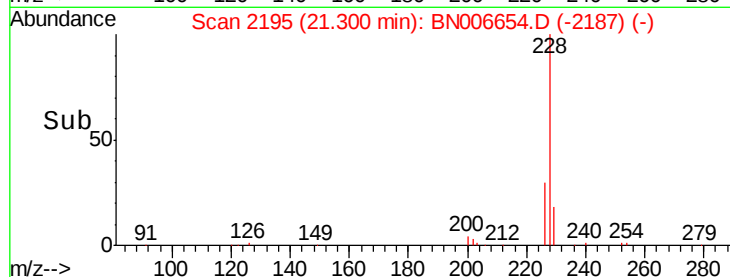
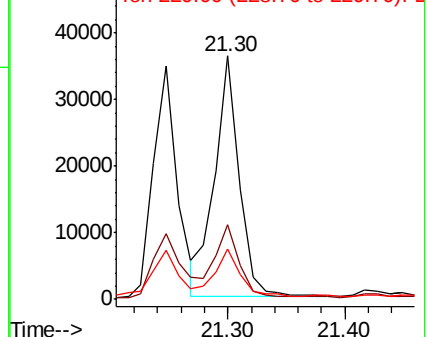


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.538 ng

RT: 21.17 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

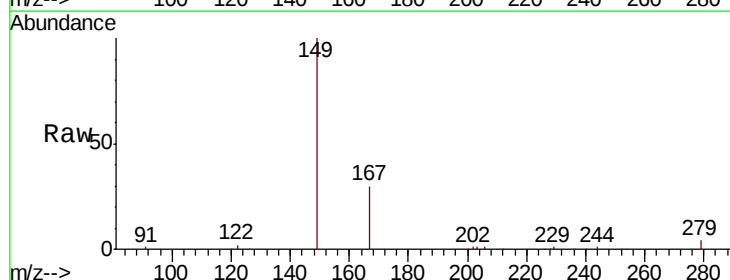
Tgt Ion: 149 Resp: 70454

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

279 3.9 3.3 4.9

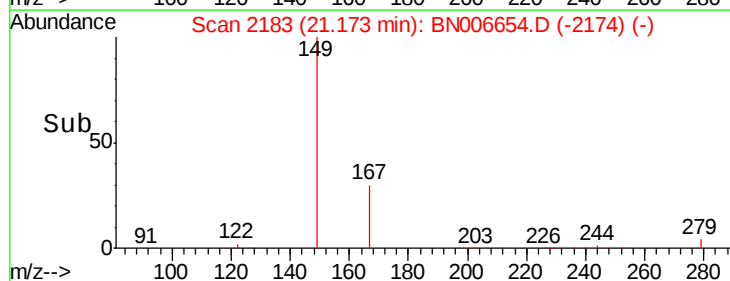
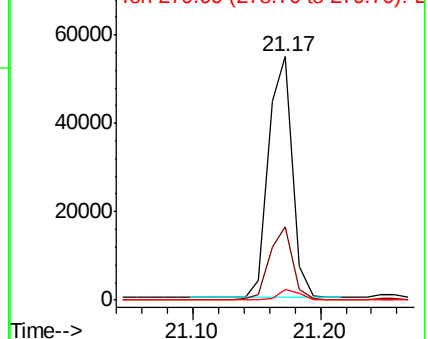


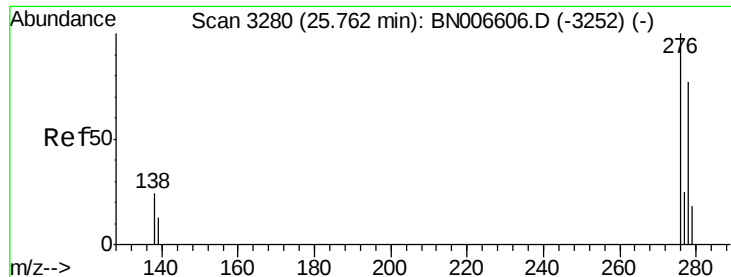
Abundance

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: 0.669 ng

RT: 25.75 min Scan# 3276

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

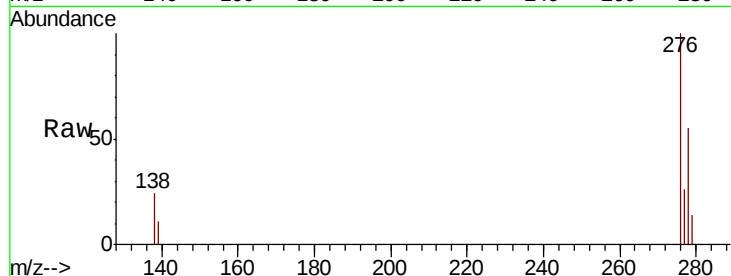
Tgt Ion:276 Resp: 40274

Ion Ratio Lower Upper

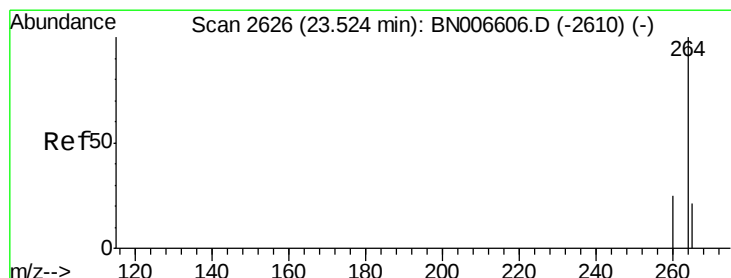
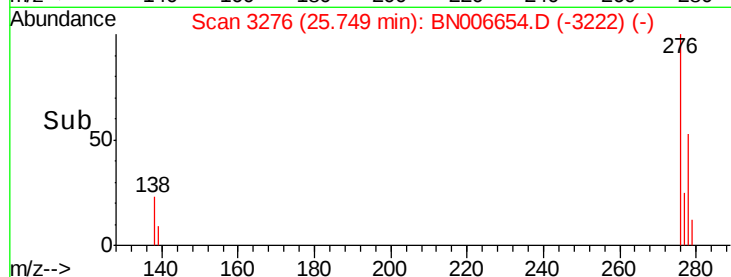
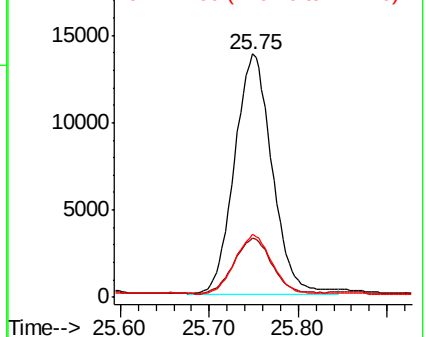
276 100

138 23.1 19.3 28.9

277 24.0 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: 23.51 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

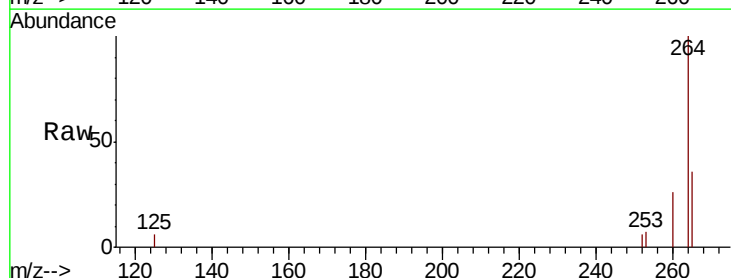
Tgt Ion:264 Resp: 18431

Ion Ratio Lower Upper

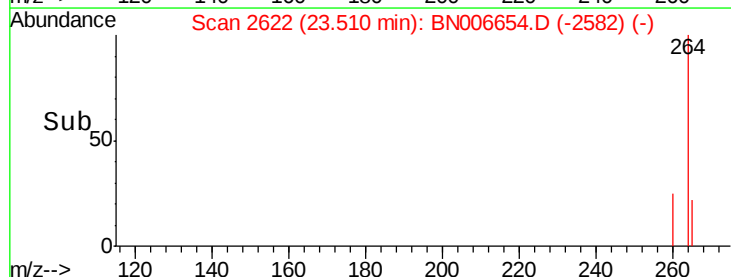
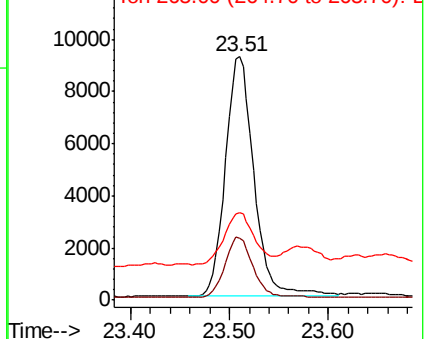
264 100

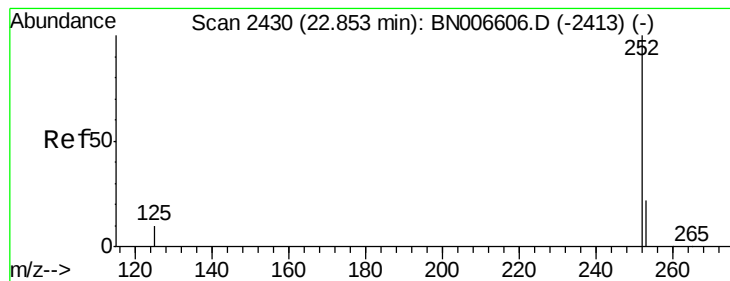
260 25.6 20.2 30.2

265 36.0 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: 0.894 ng

RT: 22.84 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

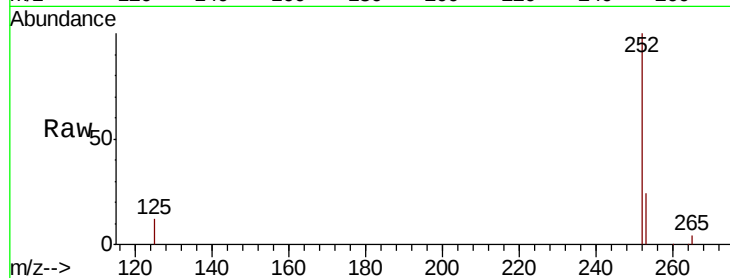
Tgt Ion:252 Resp: 56061

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

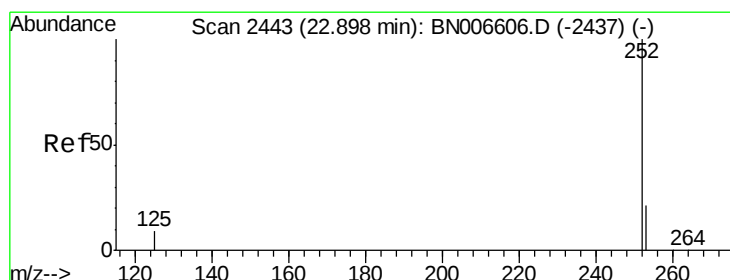
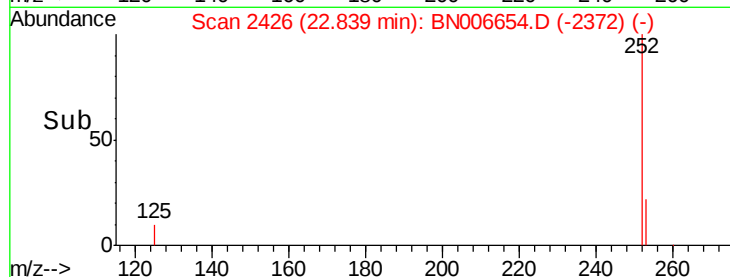
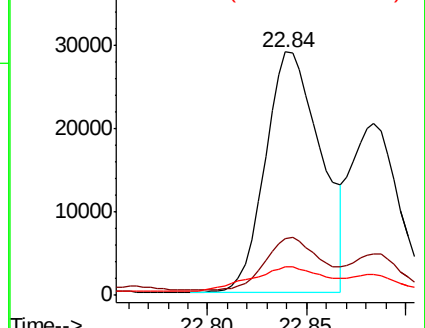
125 11.7 8.7 13.1



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: 0.519 ng

RT: 22.88 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

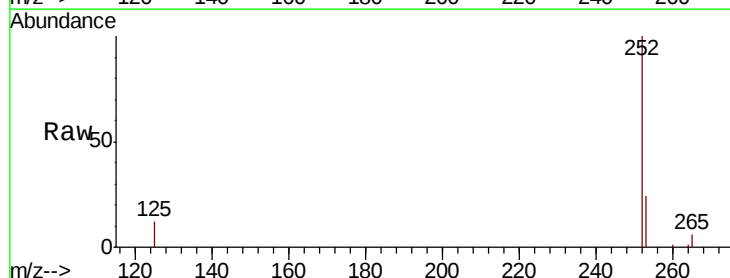
Tgt Ion:252 Resp: 34704

Ion Ratio Lower Upper

252 100

253 24.5 18.3 27.5

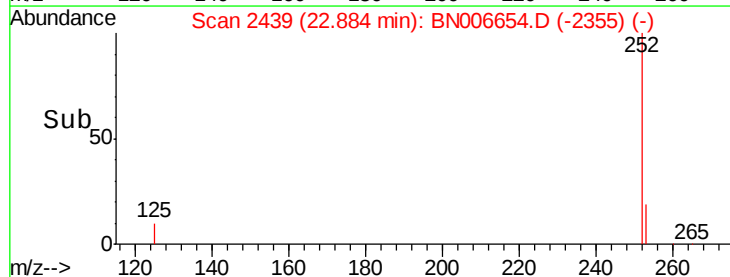
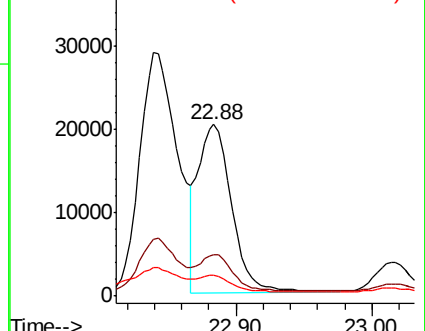
125 12.3 8.4 12.6

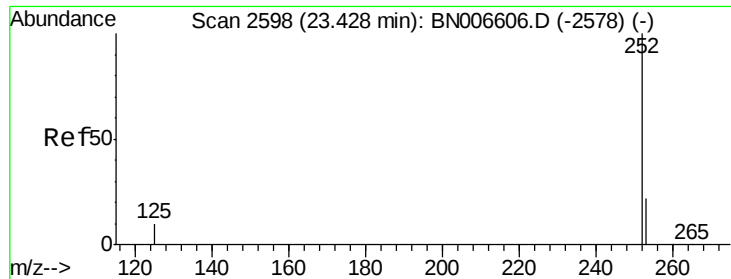


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.790 ng

RT: 23.41 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

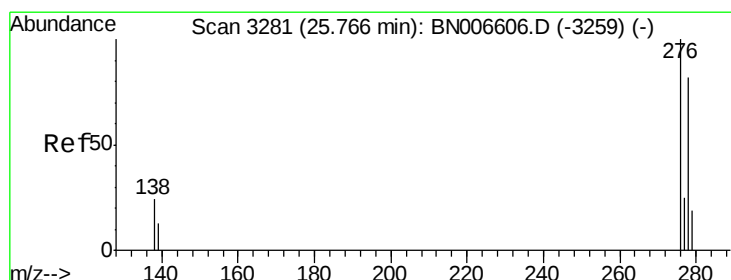
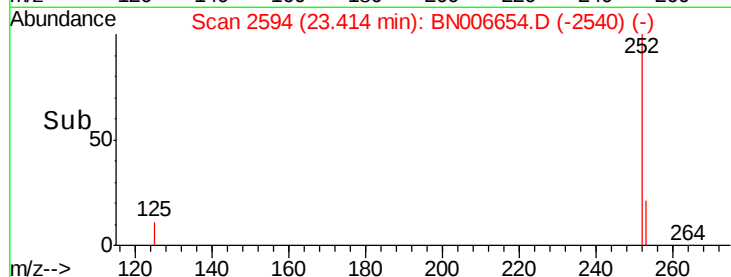
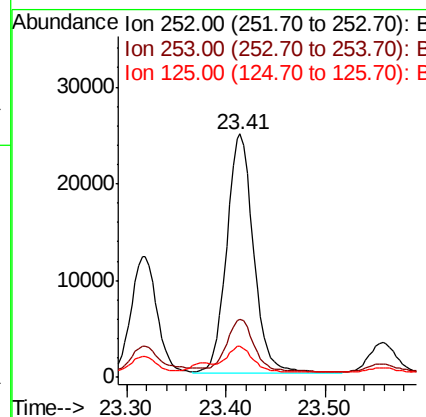
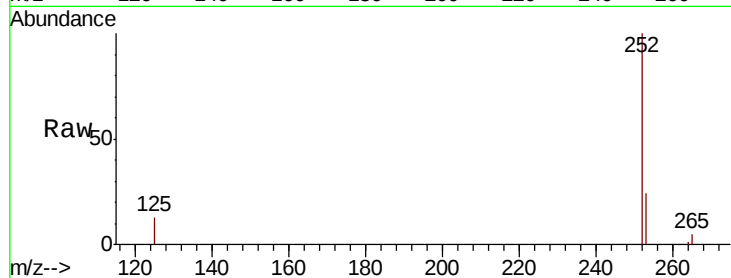
Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS

Tgt Ion:	252	Resp:	46286
Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.8	28.2
125	12.5	9.4	14.2



#38

Dibenzo(a,h)anthracene

Concen: 0.443 ng

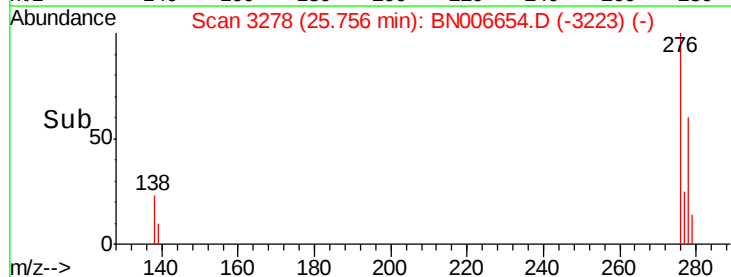
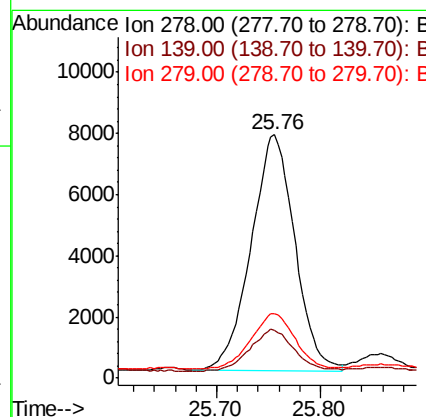
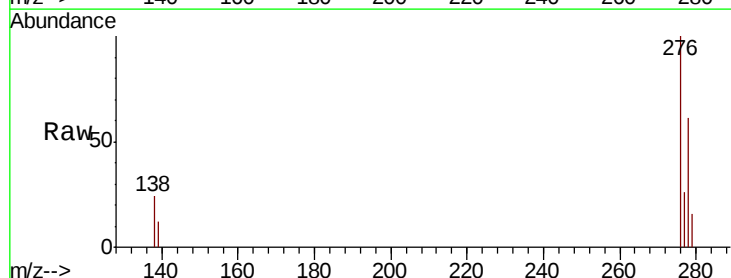
RT: 25.76 min Scan# 3278

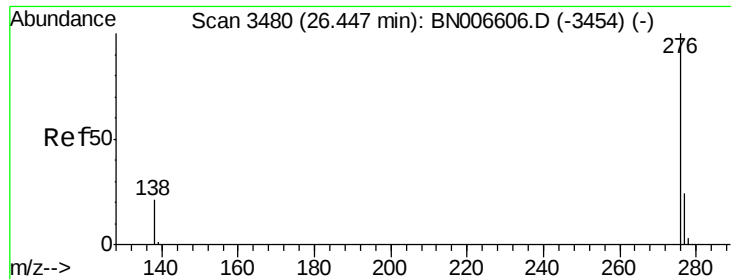
Delta R.T. -0.01 min

Lab File: BN006654.D

Acq: 01 Jul 2019 09:47

Tgt Ion:	278	Resp:	22696
Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.5	20.3
279	26.5	19.4	29.2





#39

Benzo(g,h,i)perylene

Concen: 0.755 ng

RT: 26.43 min Scan# 3475

Delta R.T. -0.02 min

Lab File: BN006654.D

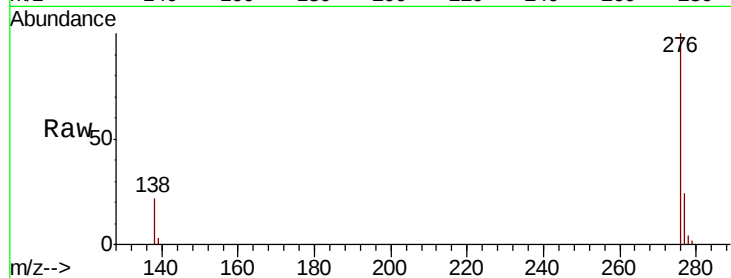
Acq: 01 Jul 2019 09:47

Instrument :

BNA_N

ClientSampleId :

PST-013-B213-062019MS



Tgt Ion: 276 Resp: 38572

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 22.3 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

