

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
 Data File : BN007188.D
 Acq On : 15 Aug 2019 10:07
 Operator : HP/JU
 Sample : K4143-02MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-006-SW125-073019-1MS

Quant Time: Aug 16 02:36:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7356	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	27676	0.40	ng	0.00
12) Acenaphthene-d10	14.07	164	15874	0.40	ng	-0.01
18) Phenanthrene-d10	16.82	188	38942	0.40	ng	0.00
26) Chrysene-d12	21.05	240	39690	0.40	ng	-0.01
32) Perylene-d12	23.15	264	44706	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	4137	0.23	ng	0.00
4) Phenol-d6	6.61	99	5653	0.26	ng	0.00
7) Nitrobenzene-d5	8.55	82	4459	0.20	ng	-0.01
10) 2-Methylnaphthalene-d10	11.79	152	10880	0.21	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1459	0.17	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	1346	0.06	ng	0.00
24) Fluoranthene-d10	18.86	212	25985	0.19	ng	-0.01
28) Terphenyl-d14	19.49	244	20970	0.19	ng	-0.01

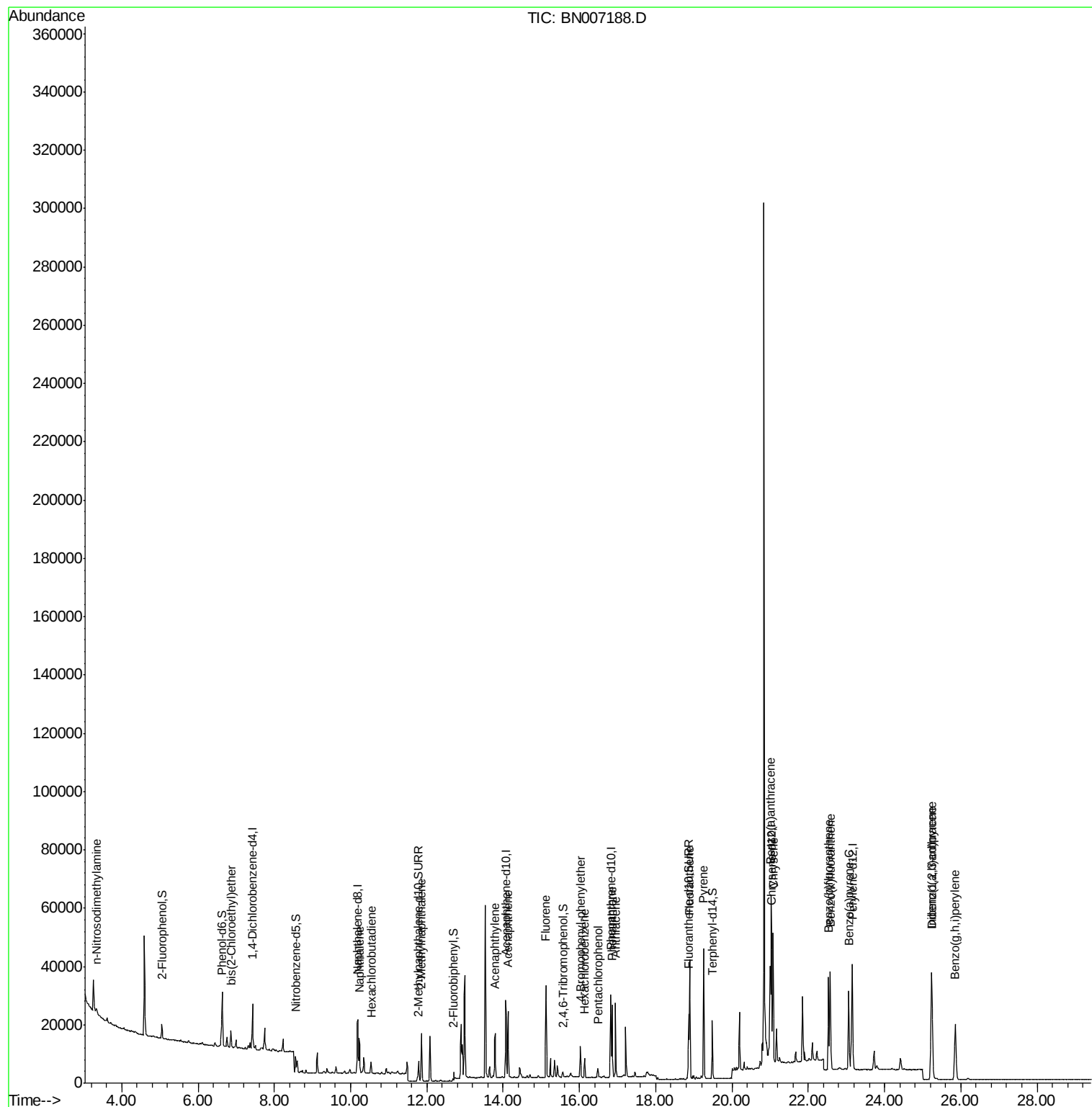
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	1562	0.323	ng	# 88
5) bis(2-Chloroethyl)ether	6.86	93	4512	0.233	ng	99
8) Naphthalene	10.22	128	16226	0.209	ng	99
9) Hexachlorobutadiene	10.54	225	3285	0.199	ng	# 99
11) 2-Methylnaphthalene	11.86	142	11582	0.211	ng	96
15) Acenaphthylene	13.79	152	18148	0.219	ng	100
16) Acenaphthene	14.13	154	10871	0.205	ng	99
17) Fluorene	15.12	166	15140	0.190	ng	100
19) 4-Bromophenyl-phenylether	16.03	248	5586	0.232	ng	98
20) Hexachlorobenzene	16.13	284	4916	0.212	ng	99
21) Pentachlorophenol	16.48	266	1655	0.192	ng	97
22) Phenanthrene	16.87	178	28550	0.245	ng	100
23) Anthracene	16.95	178	25655	0.241	ng	99
25) Fluoranthene	18.89	202	37072	0.248	ng	99
27) Pyrene	19.26	202	38099	0.274	ng	99
29) Benzo(a)anthracene	21.02	228	35562	0.245	ng	100
30) Chrysene	21.08	228	34543	0.245	ng	99
31) Indeno(1,2,3-cd)pyrene	25.23	276	43860	0.282	ng	98
33) Benzo(b)fluoranthene	22.53	252	38415	0.251	ng	# 96
34) Benzo(k)fluoranthene	22.58	252	37032	0.245	ng	# 89
35) Benzo(a)pyrene	23.06	252	34775	0.250	ng	# 97
36) Dibenzo(a,h)anthracene	25.25	278	35113	0.253	ng	# 94
37) Benzo(g,h,i)perylene	25.86	276	36766	0.258	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007188.D
Acq On : 15 Aug 2019 10:07
Operator : HP/JU
Sample : K4143-02MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-006-SW125-073019-1MS

Quant Time: Aug 16 02:36:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



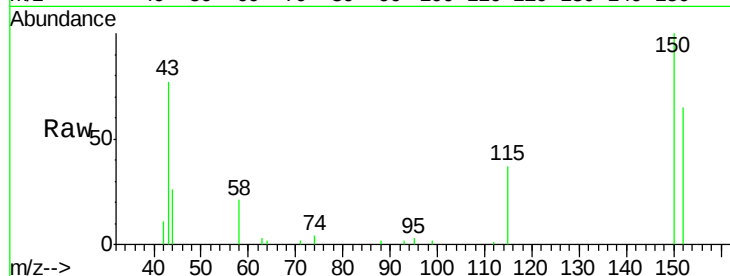


#1

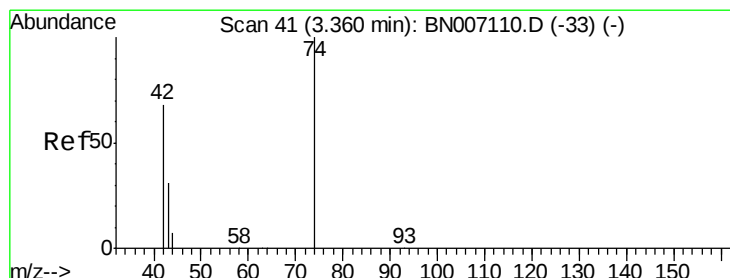
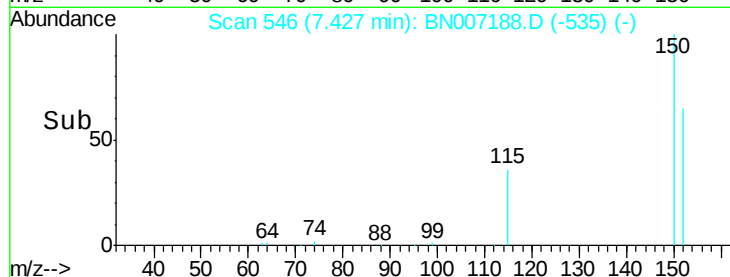
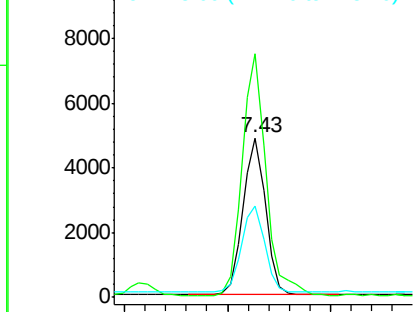
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007188.D
Acq: 15 Aug 2019 10:07

Instrument :
BNA_N
ClientSampleId :
PST-006-SW125-073019-1MS

Tot Ion:152 Resp: 7356
Ion Ratio Lower Upper
152 100
150 153.0 121.7 182.5
115 57.3 46.2 69.4



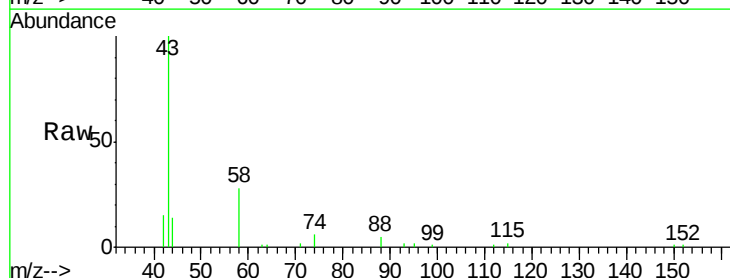
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



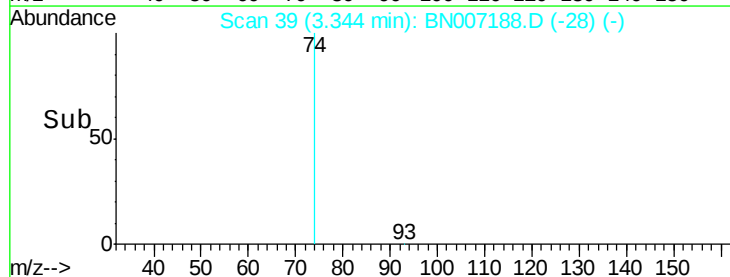
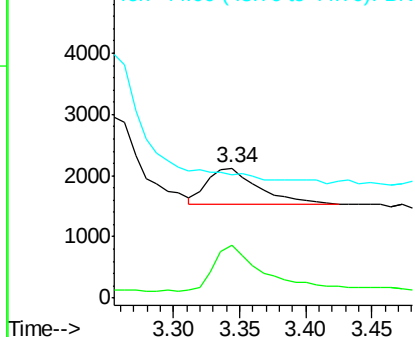
#2

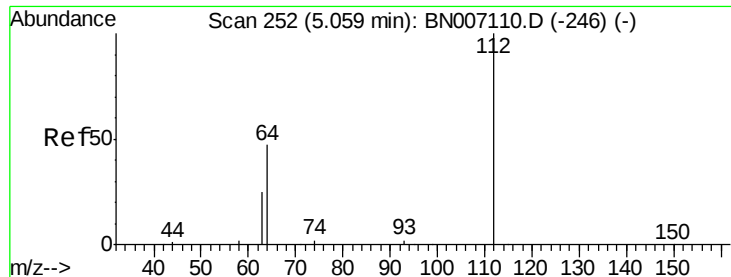
n-Nitrosodimethylamine
Concen: 0.323 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007188.D
Acq: 15 Aug 2019 10:07

Tgt Ion: 42 Resp: 1562
Ion Ratio Lower Upper
42 100
74 124.3 110.6 166.0
44 0.0 0.0 0.0



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

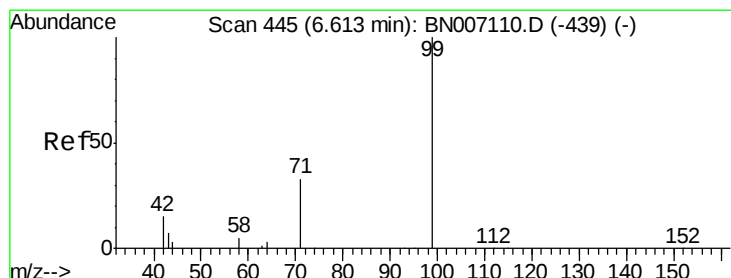
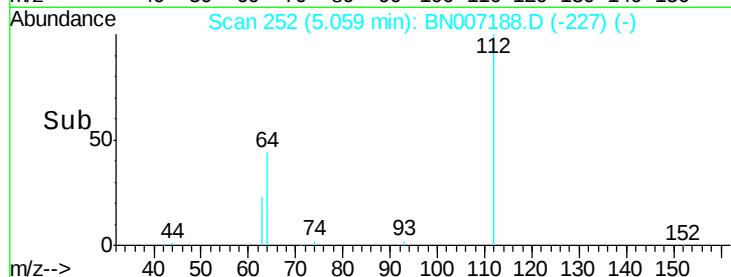
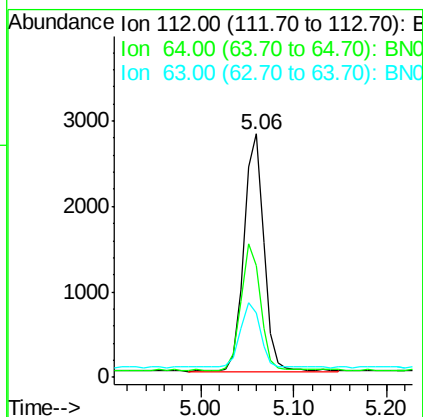
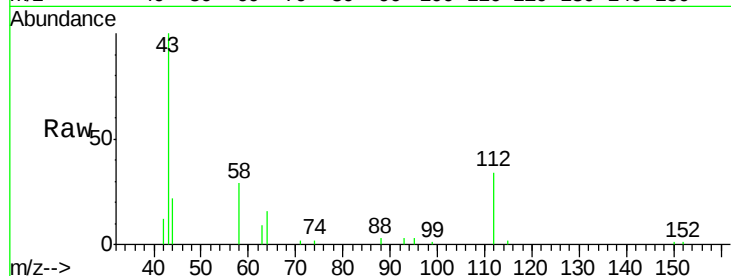




#3
2-Fluorophenol
Concen: 0.234 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007188.D
Acq: 15 Aug 2019 10:07

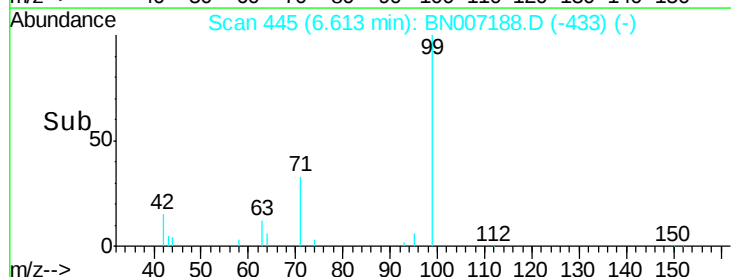
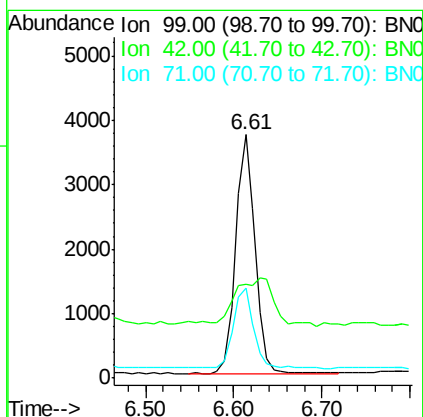
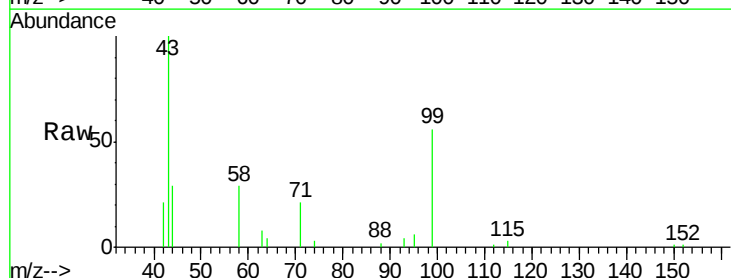
Instrument :
BNA_N
ClientSampleId :
PST-006-SW125-073019-1MS

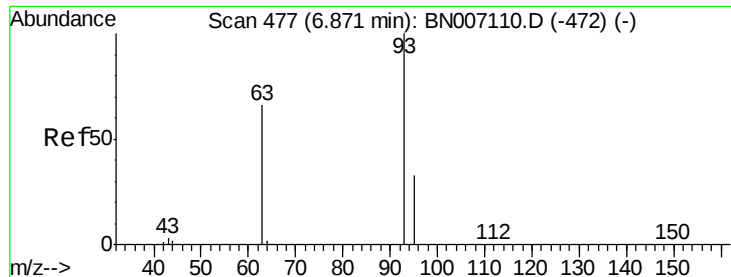
Tot Ion: 112 Resp: 4137
Ion Ratio Lower Upper
112 100
64 51.4 42.6 63.8
63 26.8 22.2 33.2



#4
Phenol-d6
Concen: 0.258 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007188.D
Acq: 15 Aug 2019 10:07

Tgt Ion: 99 Resp: 5653
Ion Ratio Lower Upper
99 100
42 37.0 15.8 23.6#
71 35.4 27.0 40.4





#5

bis(2-Chloroethyl)ether

Concen: 0.233 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

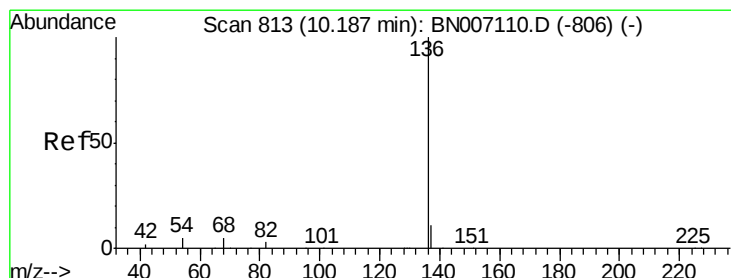
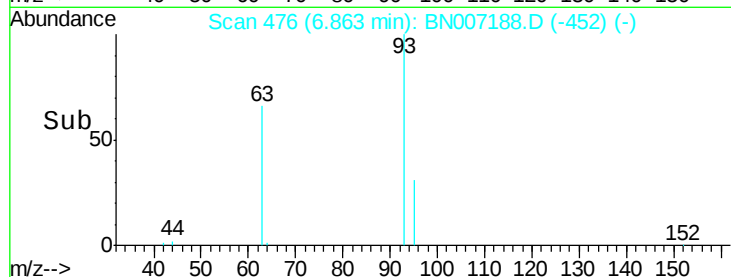
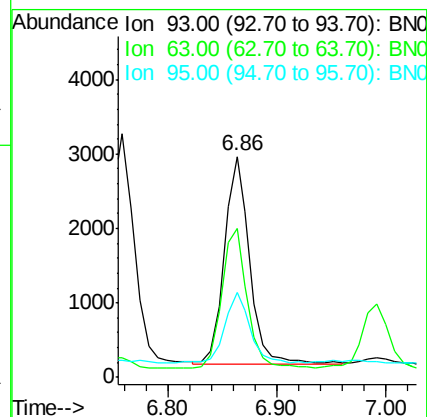
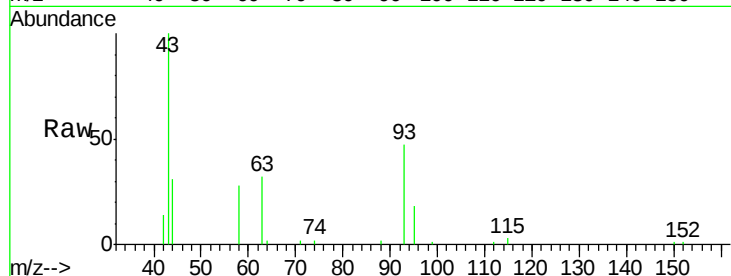
Tot Ion: 93 Resp: 4512

Ion Ratio Lower Upper

93 100

63 68.5 55.6 83.4

95 33.4 26.7 40.1



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Tgt Ion: 136 Resp: 27676

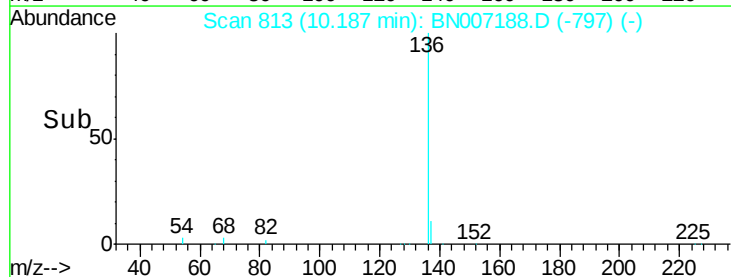
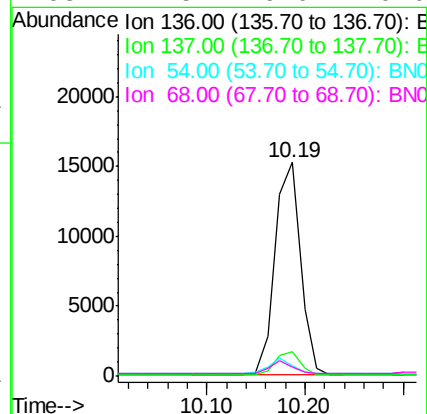
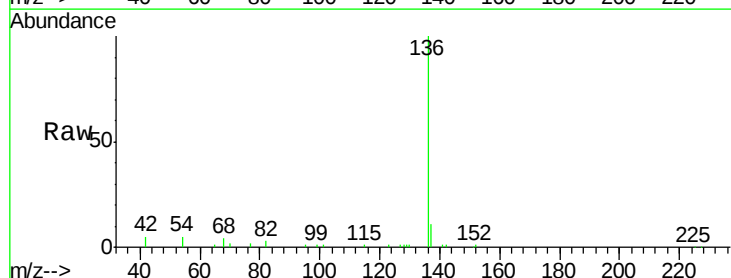
Ion Ratio Lower Upper

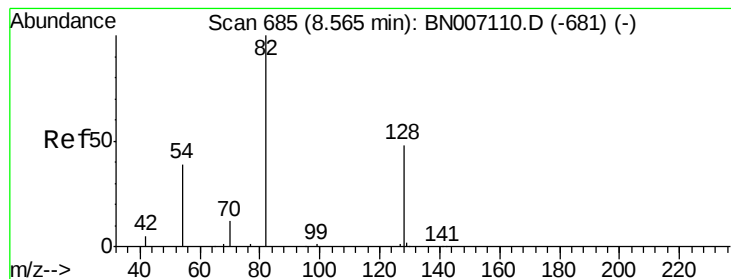
136 100

137 11.3 9.4 14.0

54 4.7 6.6 9.8#

68 4.5 6.0 9.0#





#7

Nitrobenzene-d5

Concen: 0.200 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

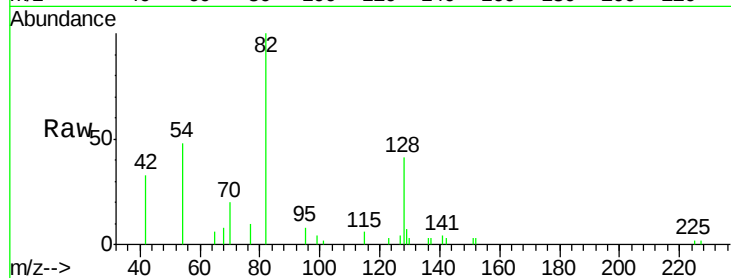
Tot Ion: 82 Resp: 4459

Ion Ratio Lower Upper

82 100

128 40.8 34.6 51.8

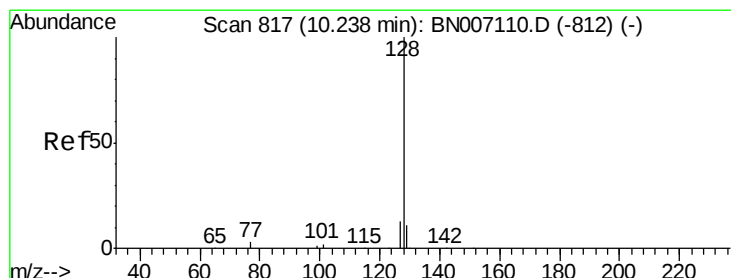
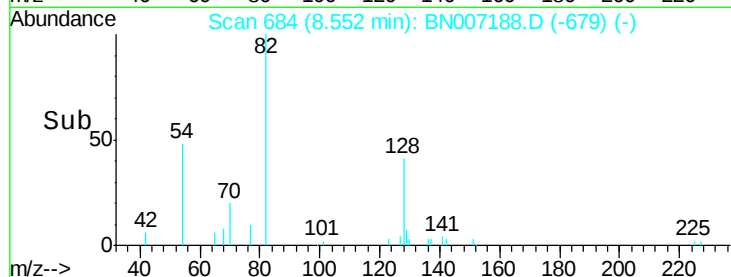
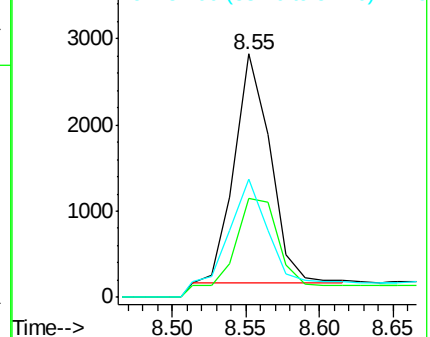
54 48.4 36.2 54.4



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



#8

Naphthalene

Concen: 0.209 ng

RT: 10.22 min Scan# 816

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

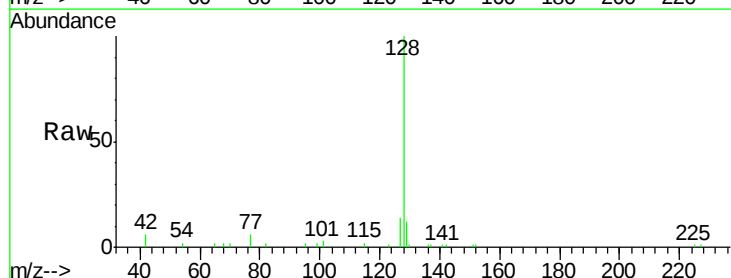
Tgt Ion: 128 Resp: 16226

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

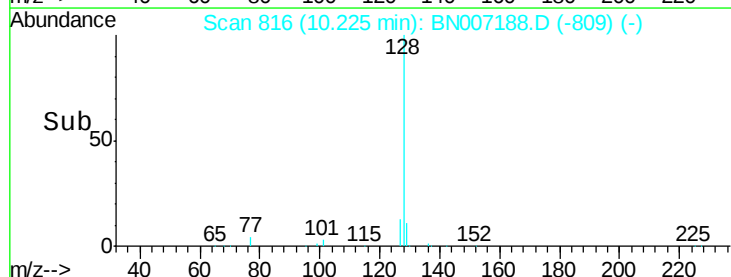
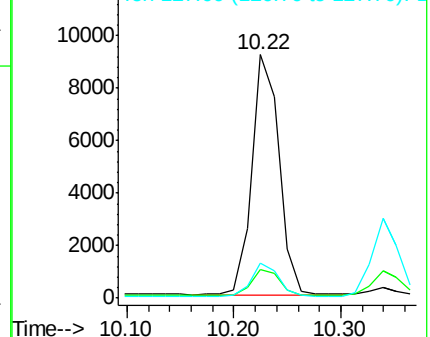
127 14.1 11.0 16.6

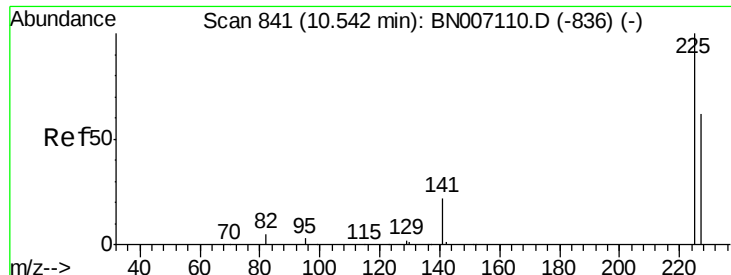


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC





#9

Hexachlorobutadiene

Concen: 0.199 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

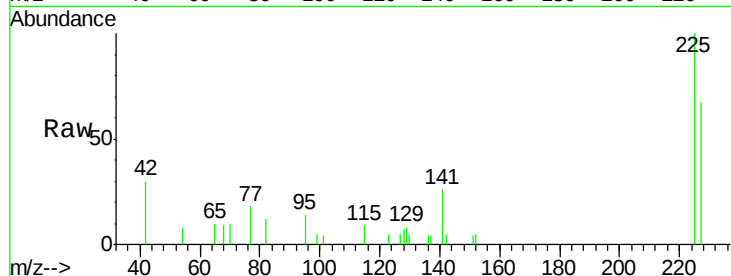
Tot Ion:225 Resp: 3285

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

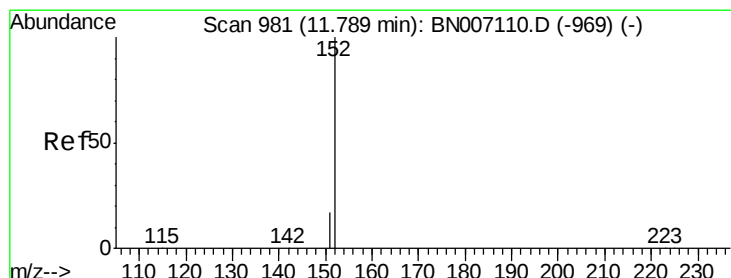
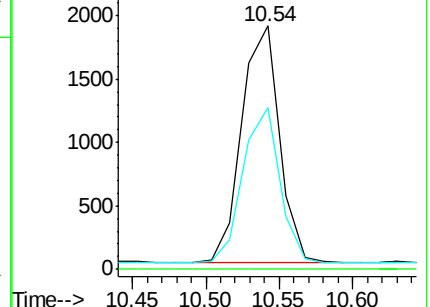
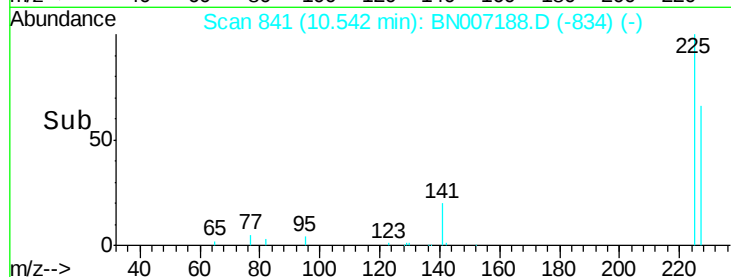
227 64.9 51.1 76.7



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



#10

2-Methylnaphthalene-d10

Concen: 0.211 ng

RT: 11.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN007188.D

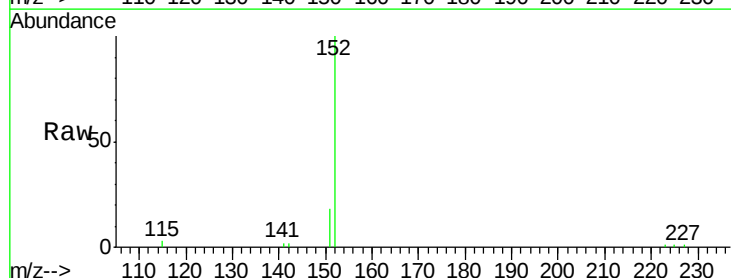
Acq: 15 Aug 2019 10:07

Tgt Ion:152 Resp: 10880

Ion Ratio Lower Upper

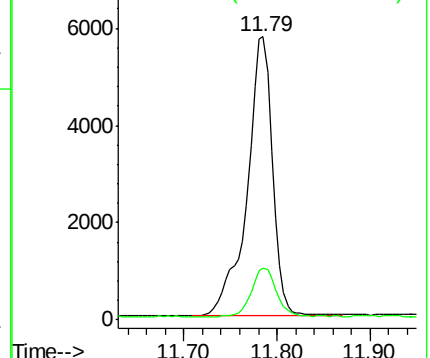
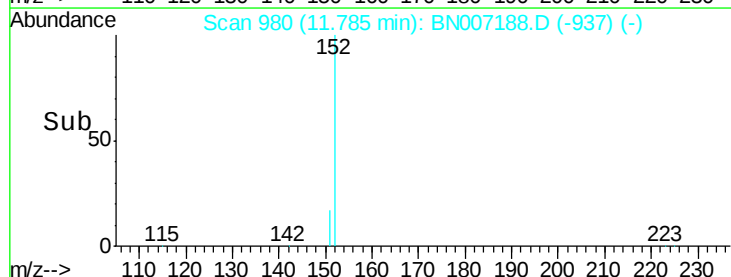
152 100

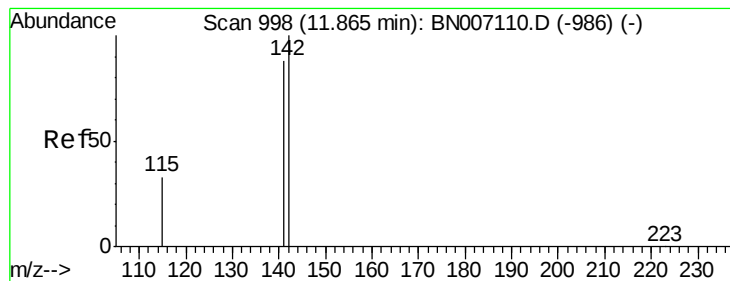
151 16.8 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.211 ng

RT: 11.86 min Scan# 996

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

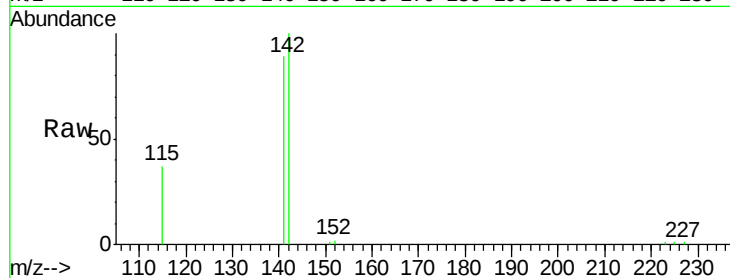
Tot Ion:142 Resp: 11582

Ion Ratio Lower Upper

142 100

141 88.8 69.0 103.6

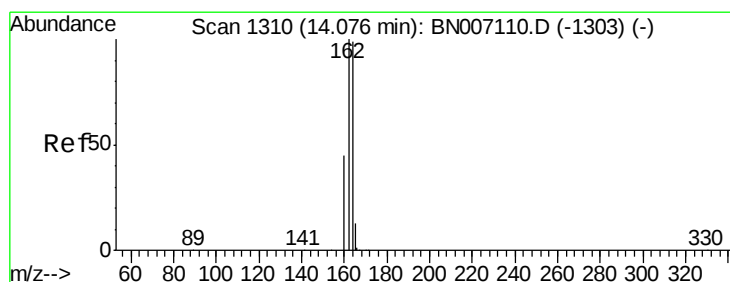
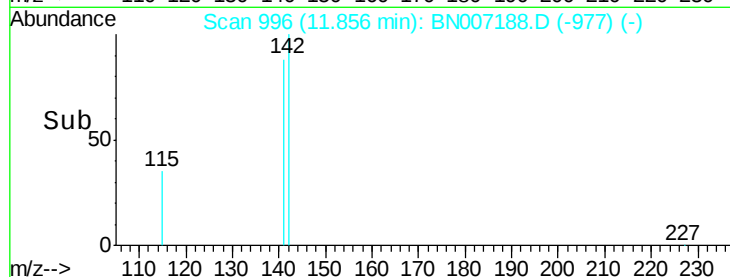
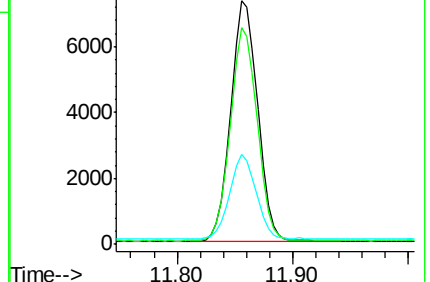
115 37.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

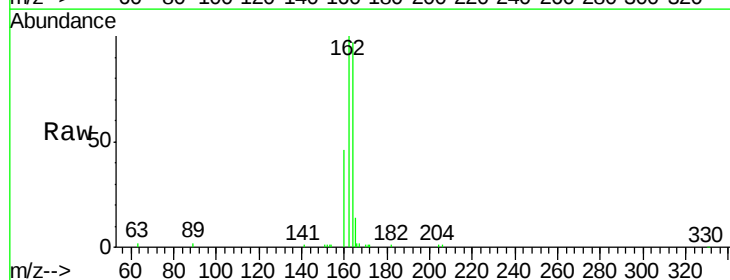
Tgt Ion:164 Resp: 15874

Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.4

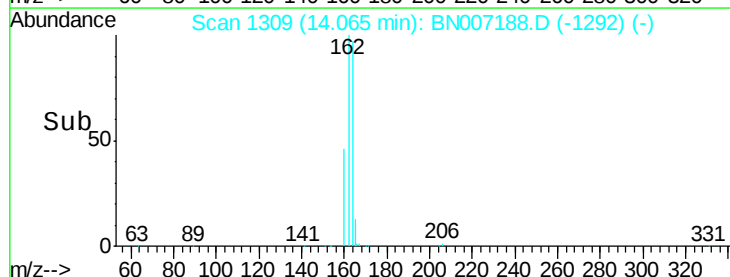
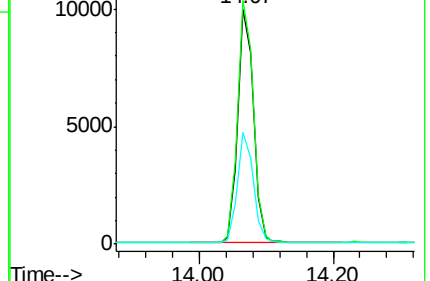
160 47.7 38.3 57.5

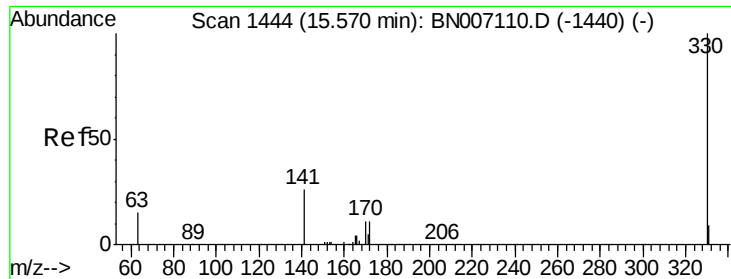


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

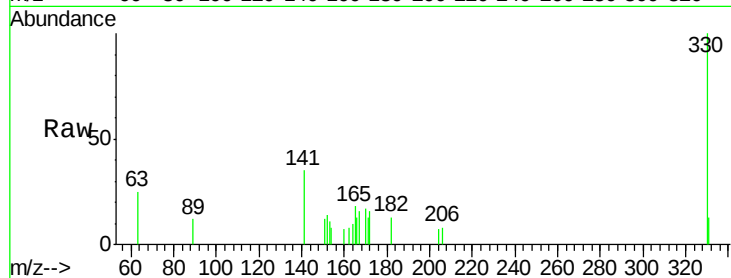




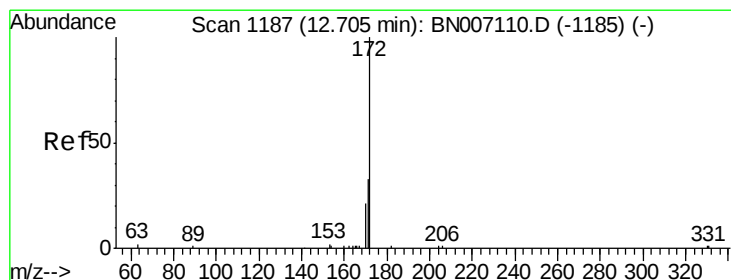
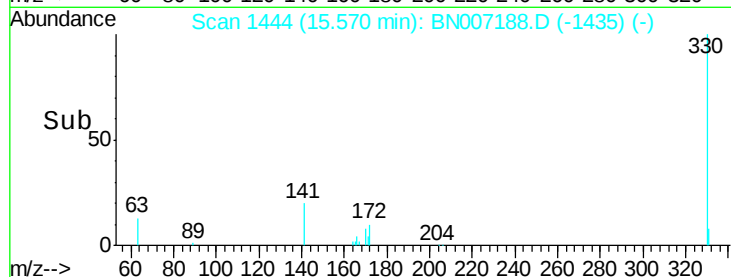
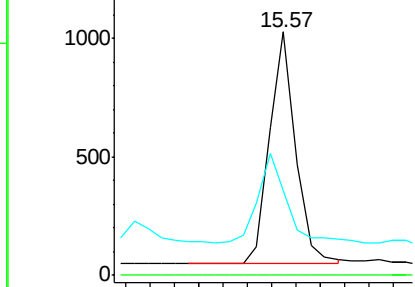
#13
 2,4,6-Tribromophenol
 Concen: 0.171 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007188.D
 Acq: 15 Aug 2019 10:07

Instrument :
 BNA_N
 ClientSampleId :
 PST-006-SW125-073019-1MS

Tot Ion:330 Resp: 1459
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 42.2 33.6 50.4

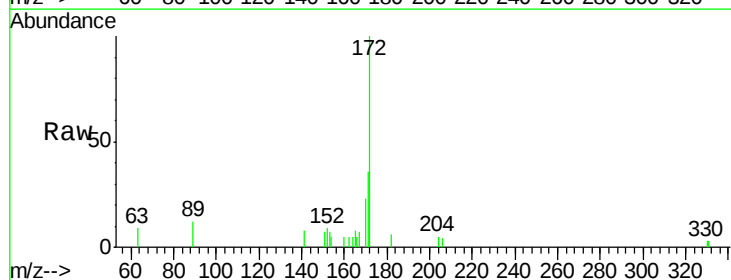


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

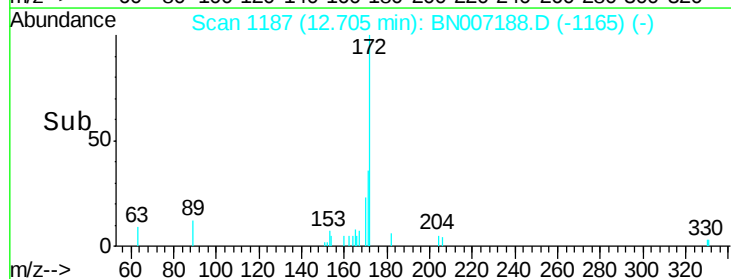
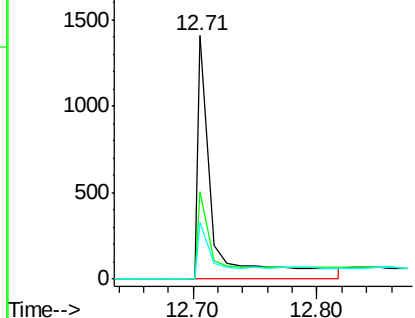


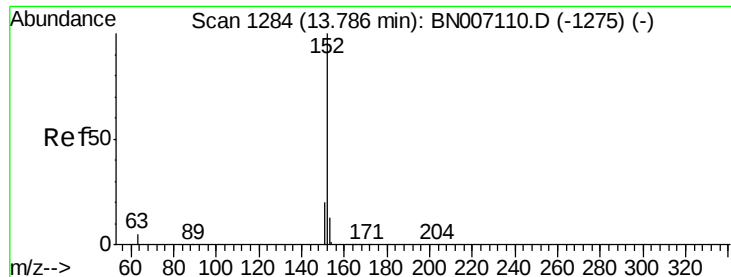
#14
 2-Fluorobiphenyl
 Concen: 0.058 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007188.D
 Acq: 15 Aug 2019 10:07

Tgt Ion:172 Resp: 1346
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.3 39.5
 170 23.3 17.0 25.4



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





#15

Acenaphthylene

Concen: 0.219 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

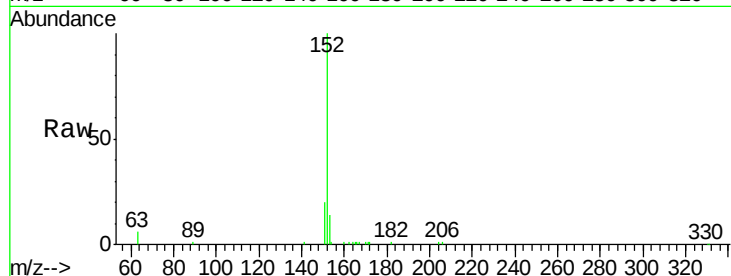
Tot Ion:152 Resp: 18148

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

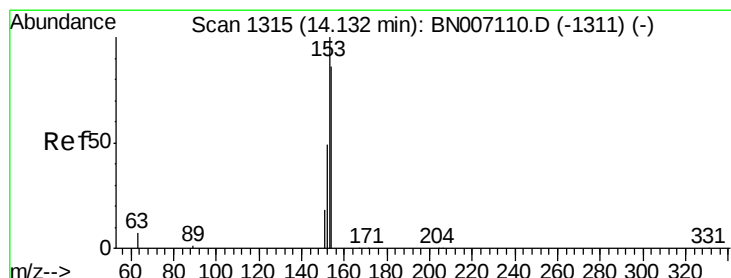
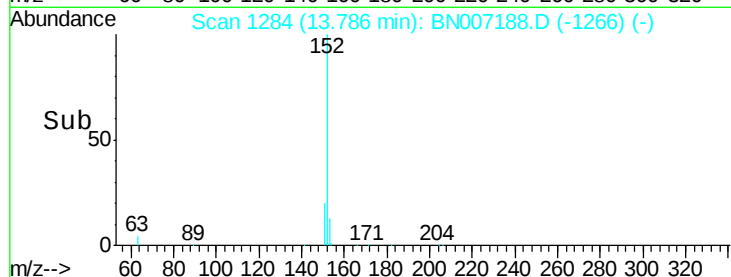
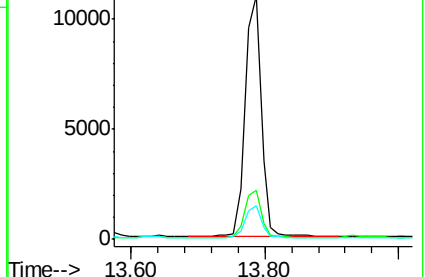
153 13.0 10.4 15.6



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



#16

Acenaphthene

Concen: 0.205 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

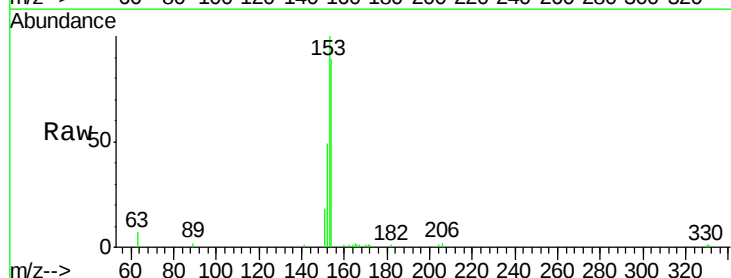
Tgt Ion:154 Resp: 10871

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

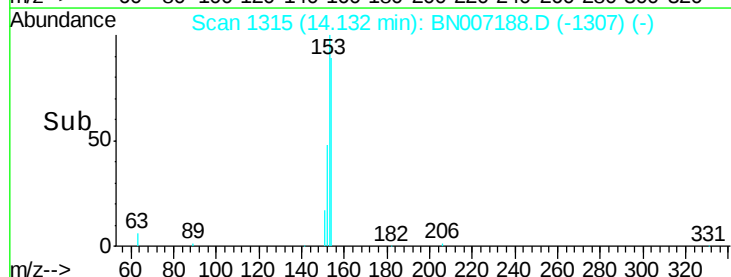
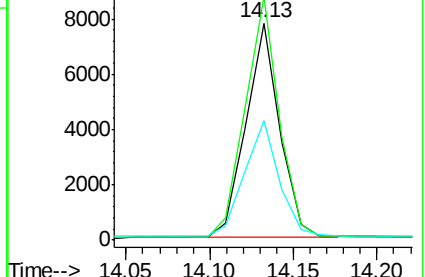
152 55.7 44.8 67.2

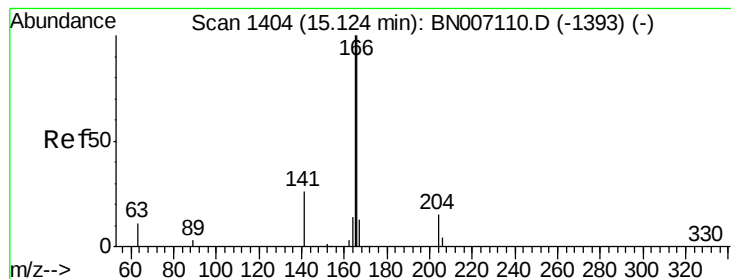


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.190 ng

RT: 15.12 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

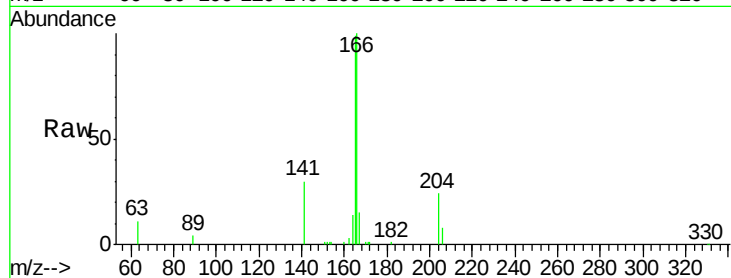
Tot Ion:166 Resp: 15140

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

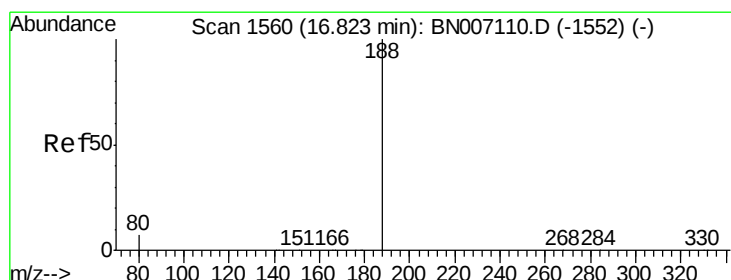
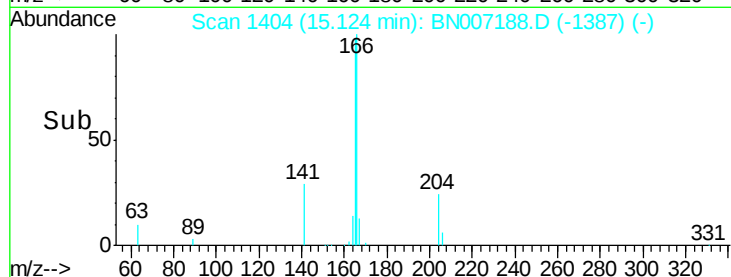
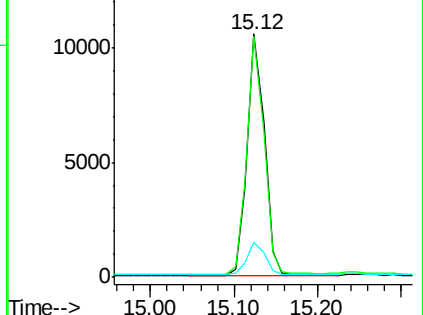
167 14.4 10.9 16.3



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



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

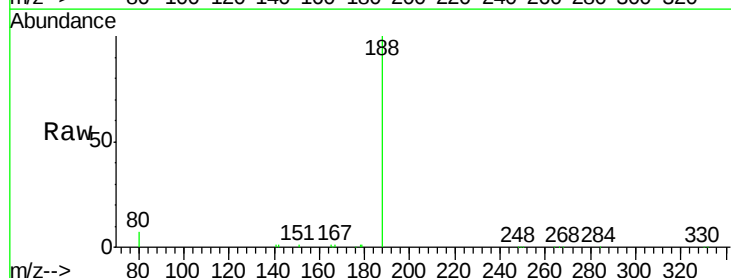
Tgt Ion:188 Resp: 38942

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

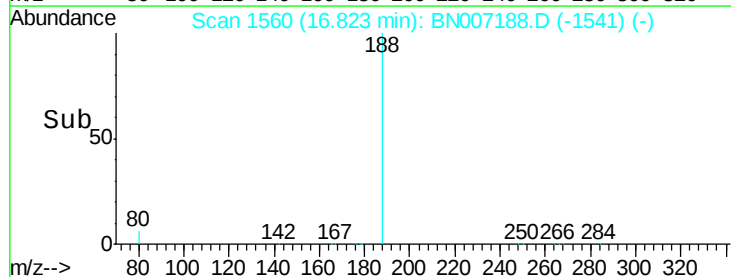
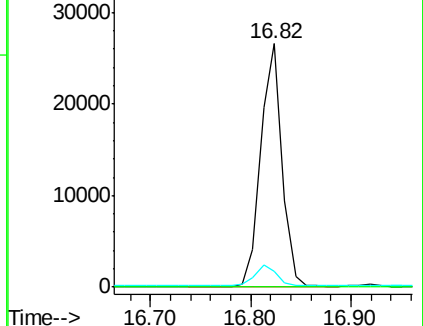
80 6.7 7.8 11.6#

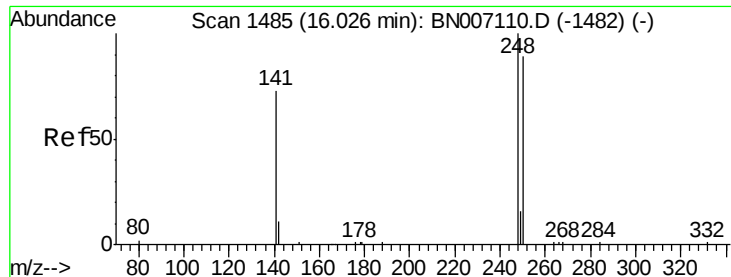


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#19

4-Bromophenyl-phenylether

Concen: 0.232 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

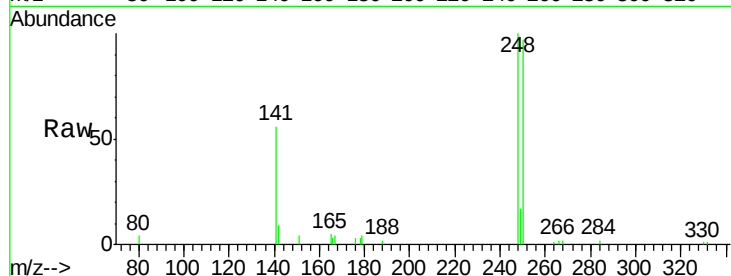
Tot Ion:248 Resp: 5586

Ion Ratio Lower Upper

248 100

250 96.8 78.9 118.3

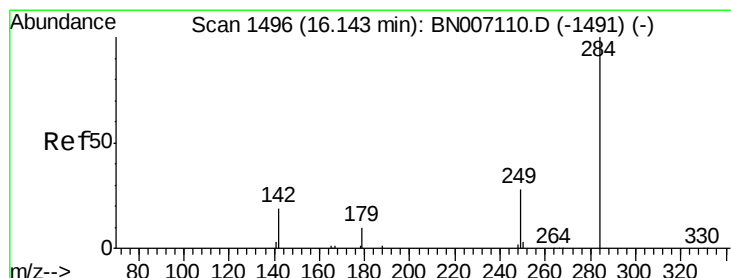
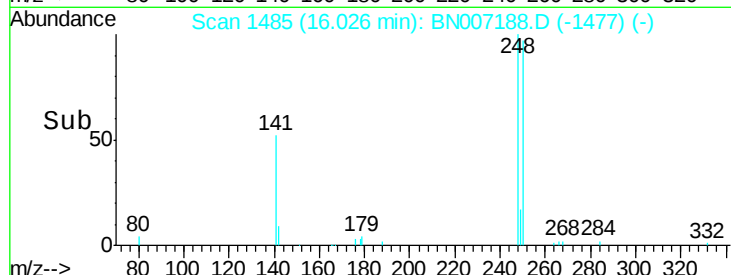
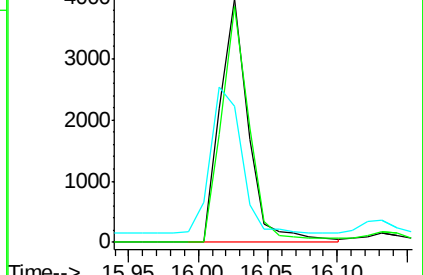
141 56.1 43.3 64.9



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



#20

Hexachlorobenzene

Concen: 0.212 ng

RT: 16.13 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

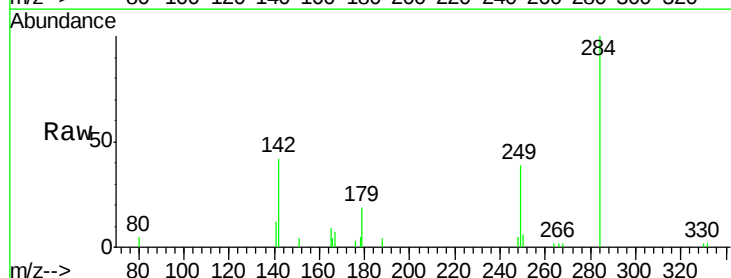
Tgt Ion:284 Resp: 4916

Ion Ratio Lower Upper

284 100

142 37.1 30.5 45.7

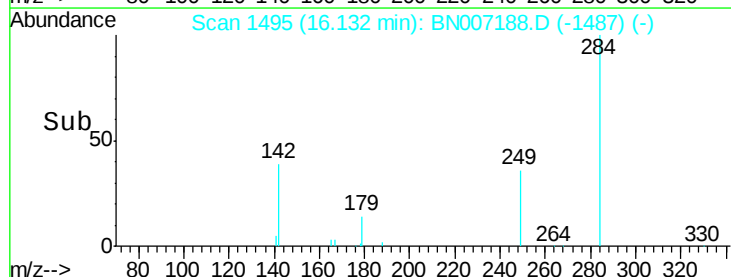
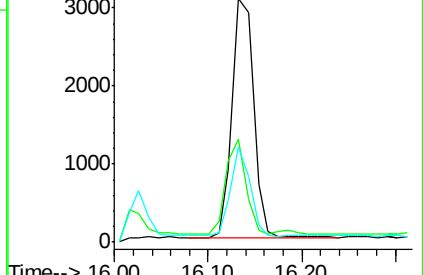
249 33.2 26.7 40.1

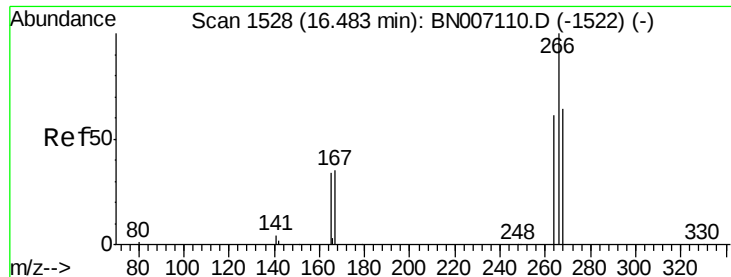


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

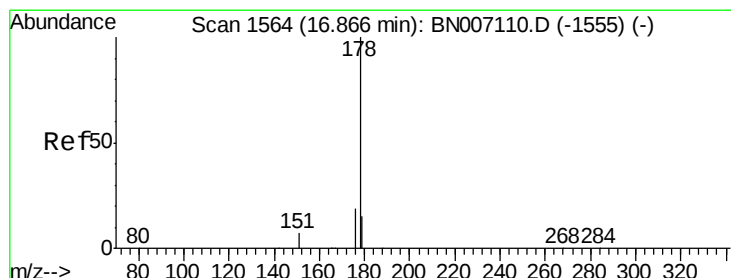
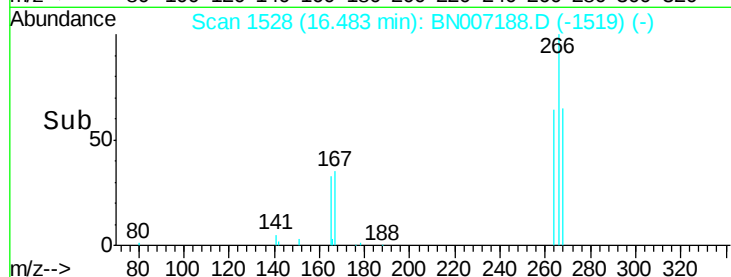
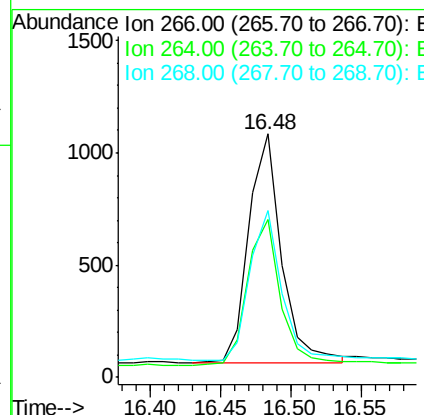
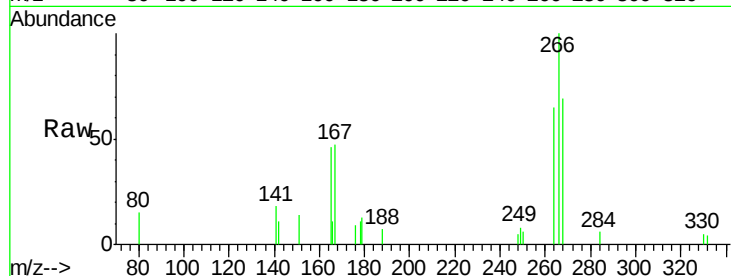




#21
 Pentachlorophenol
 Concen: 0.192 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007188.D
 Acq: 15 Aug 2019 10:07

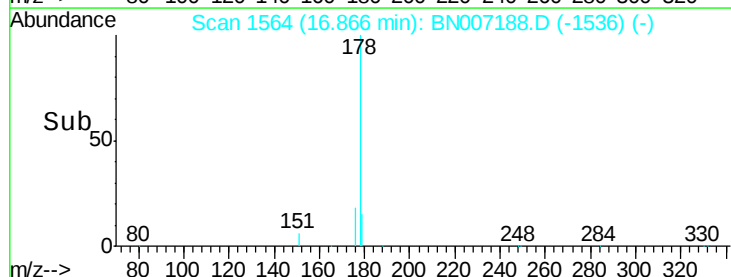
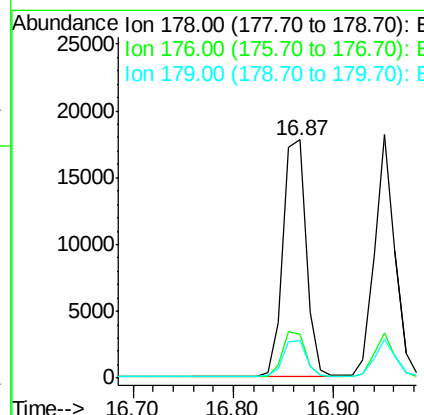
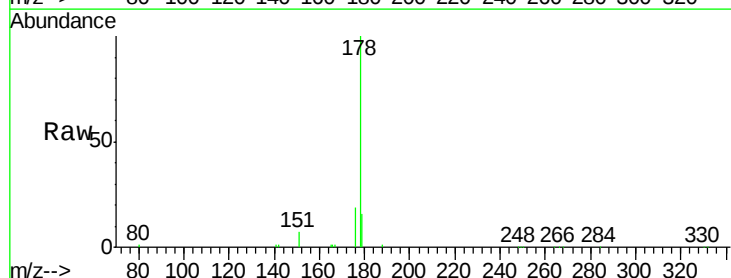
Instrument :
 BNA_N
 ClientSampleId :
 PST-006-SW125-073019-1MS

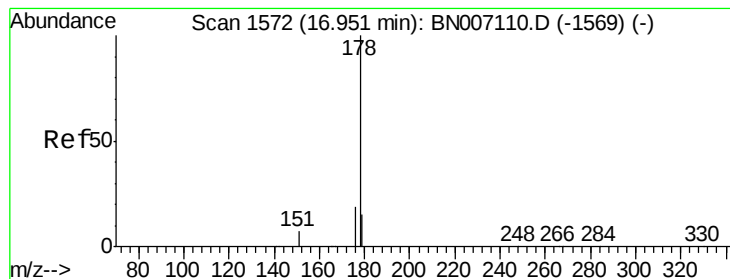
Tot Ion:266 Resp: 1655
 Ion Ratio Lower Upper
 266 100
 264 65.1 52.3 78.5
 268 68.7 51.5 77.3



#22
 Phenanthrene
 Concen: 0.245 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007188.D
 Acq: 15 Aug 2019 10:07

Tgt Ion:178 Resp: 28550
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.6 12.3 18.5





#23

Anthracene

Concen: 0.241 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

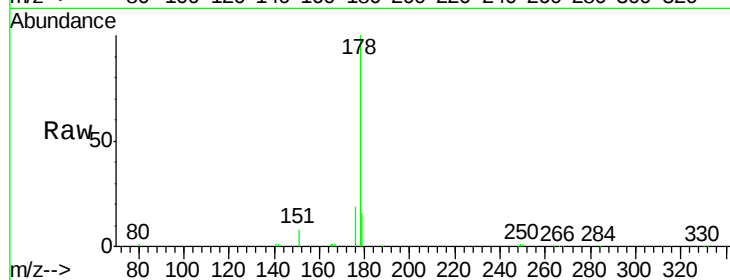
Tot Ion:178 Resp: 25655

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

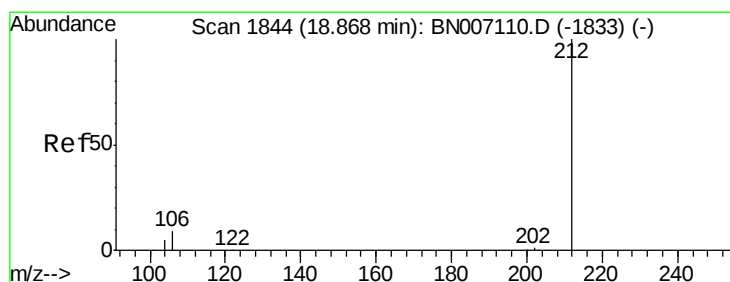
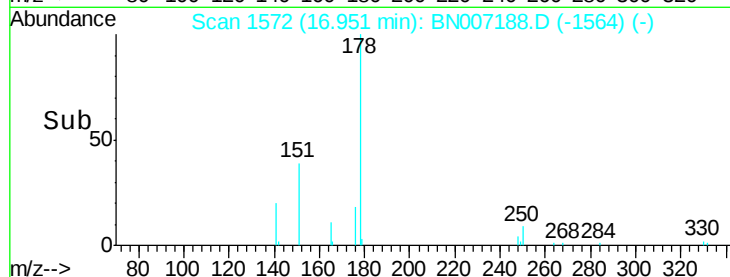
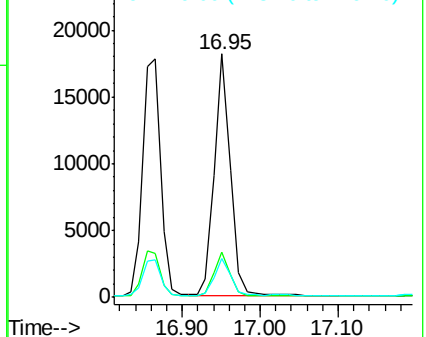
179 15.1 12.5 18.7



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

Fluoranthene-d10

Concen: 0.188 ng

RT: 18.86 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

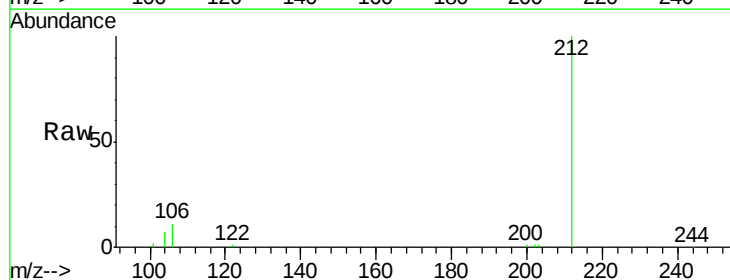
Tgt Ion:212 Resp: 25985

Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.2

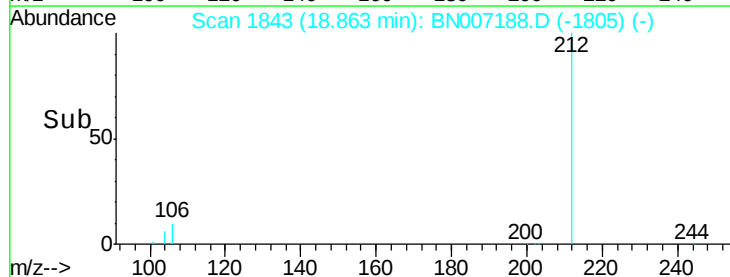
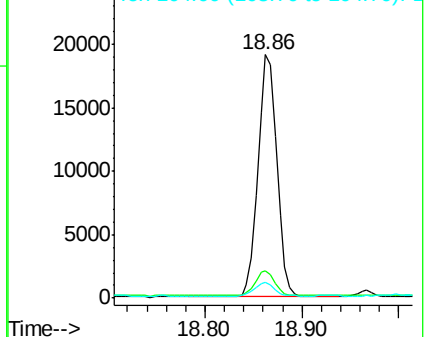
104 6.0 4.5 6.7

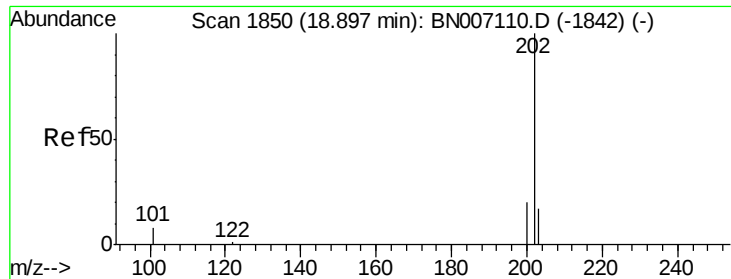


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.248 ng

RT: 18.89 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

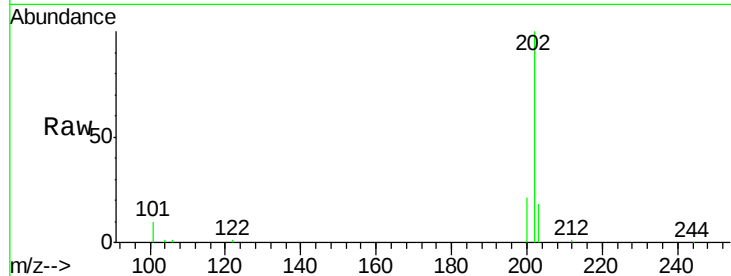
Tot Ion:202 Resp: 37072

Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.4

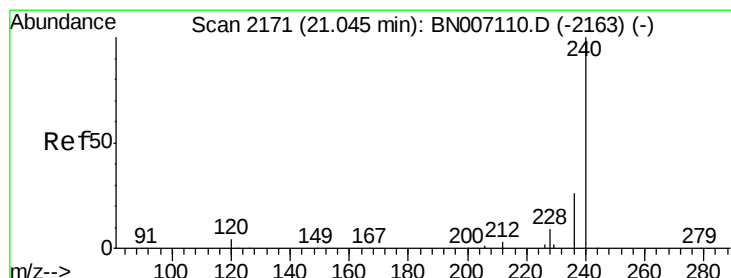
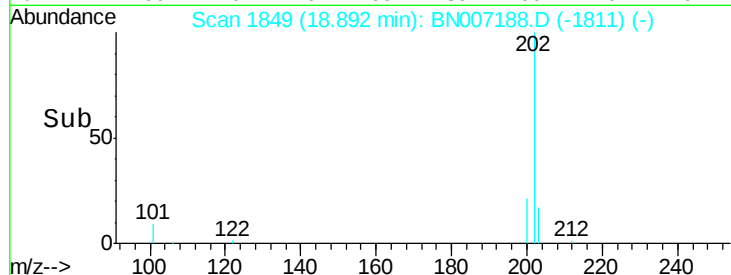
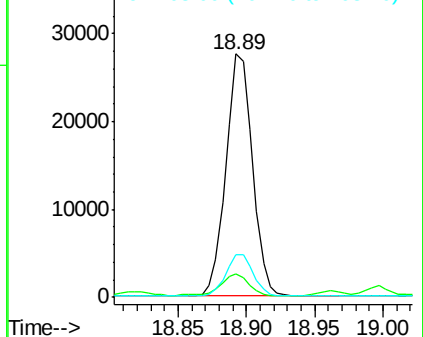
203 17.1 13.8 20.8



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

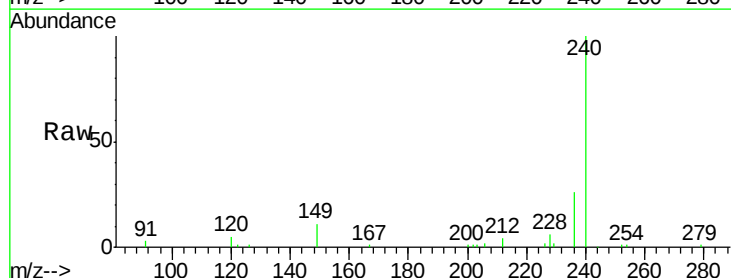
Tgt Ion:240 Resp: 39690

Ion Ratio Lower Upper

240 100

120 5.1 4.0 6.0

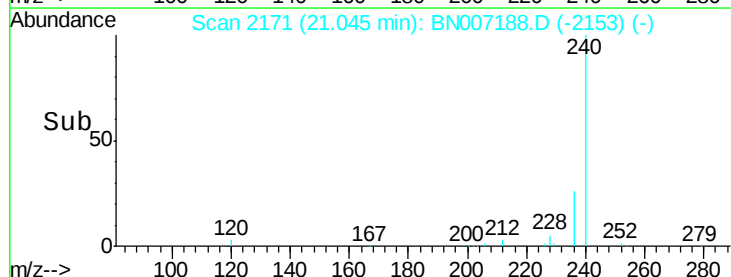
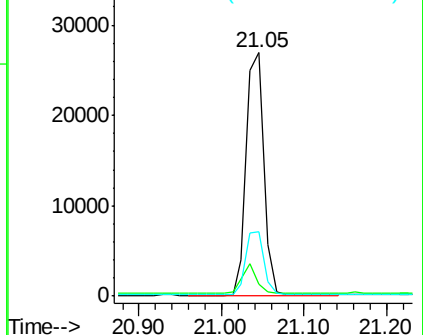
236 26.3 21.3 31.9

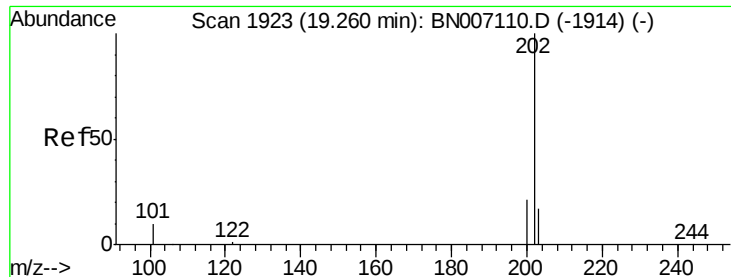


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

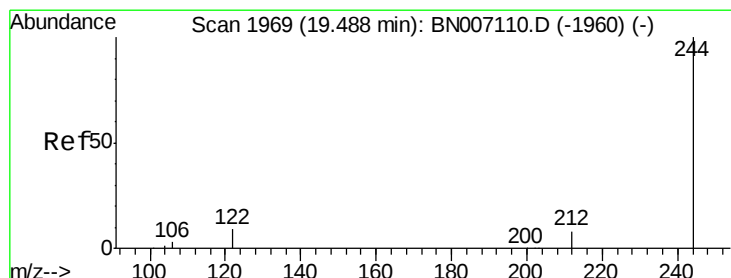
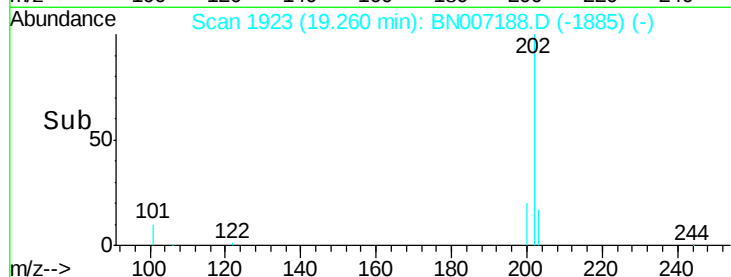
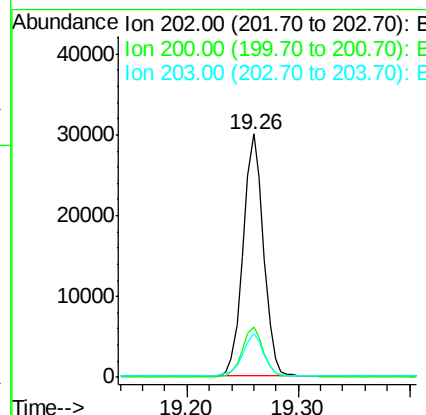
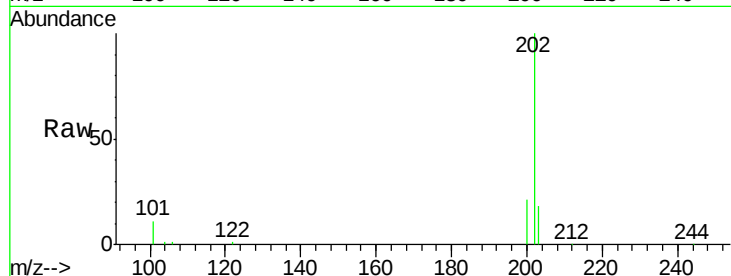




#27
Pvrene
Concen: 0.274 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007188.D
Acq: 15 Aug 2019 10:07

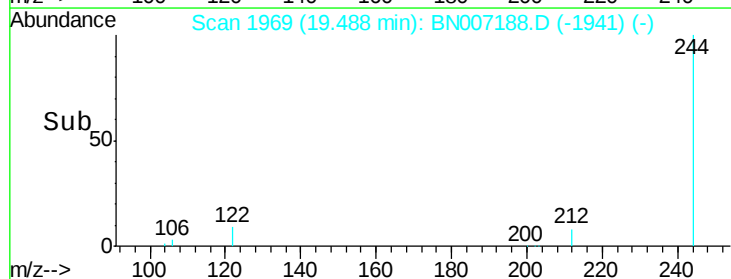
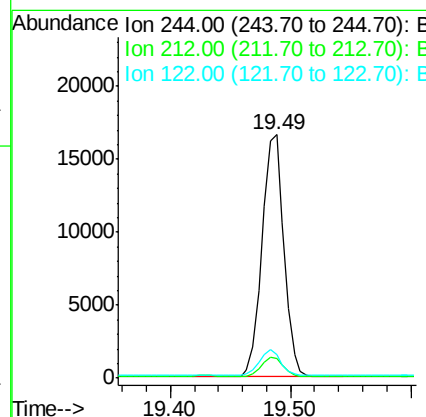
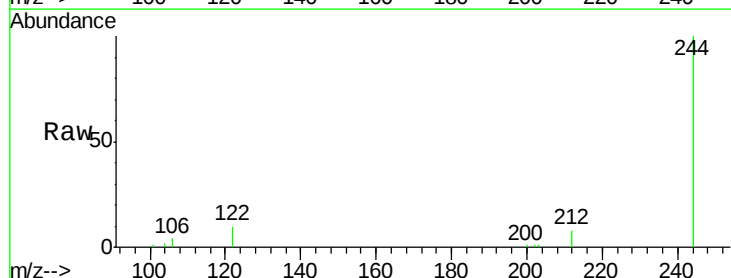
Instrument :
BNA_N
ClientSampleId :
PST-006-SW125-073019-1MS

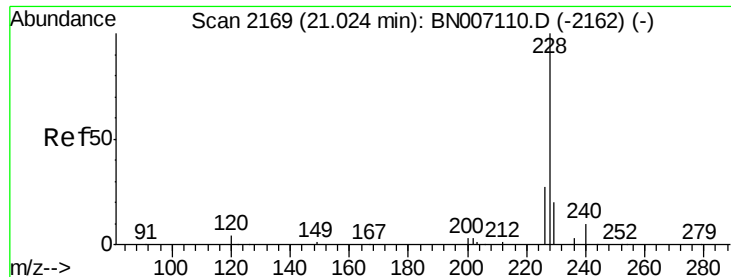
Tot Ion:202 Resp: 38099
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 18.1 14.0 21.0



#28
Terphenyl-d14
Concen: 0.194 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007188.D
Acq: 15 Aug 2019 10:07

Tgt Ion:244 Resp: 20970
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.2
122 9.8 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.245 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

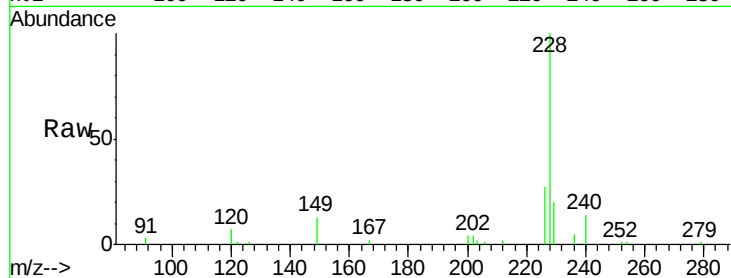
Tot Ion:228 Resp: 35562

Ion Ratio Lower Upper

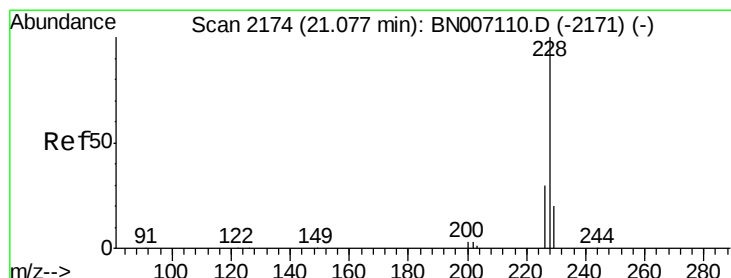
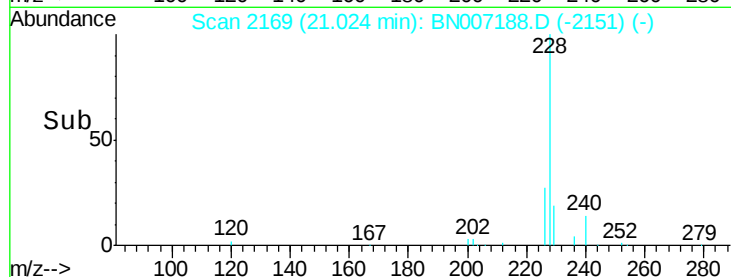
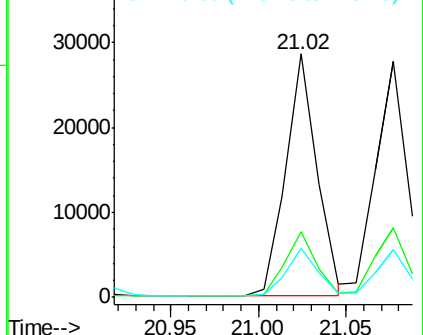
228 100

226 27.2 21.8 32.6

229 19.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#30

Chrysene

Concen: 0.245 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

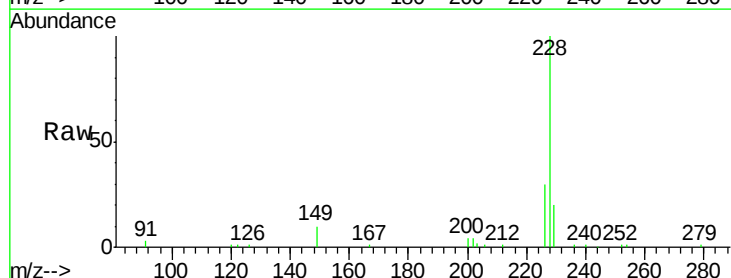
Tgt Ion:228 Resp: 34543

Ion Ratio Lower Upper

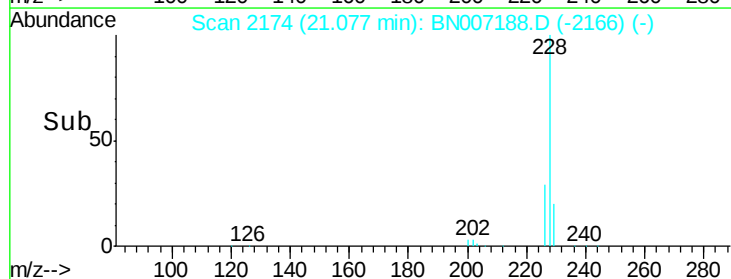
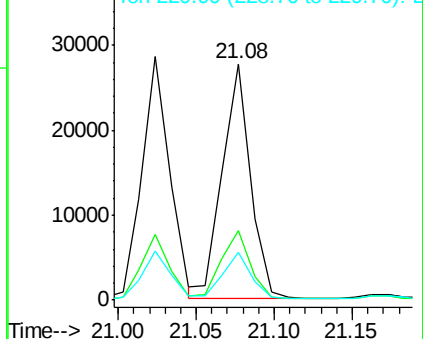
228 100

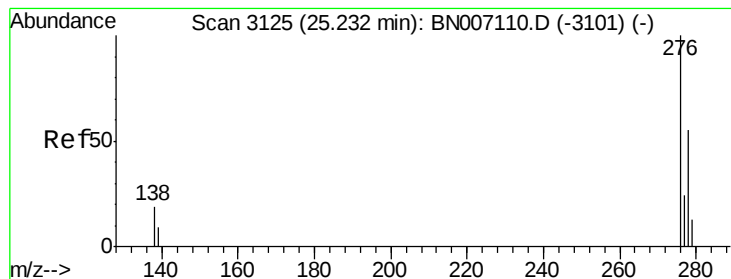
226 29.7 23.8 35.6

229 20.4 15.7 23.5



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

Indeno(1,2,3-cd)pyrene

Concen: 0.282 ng

RT: 25.23 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

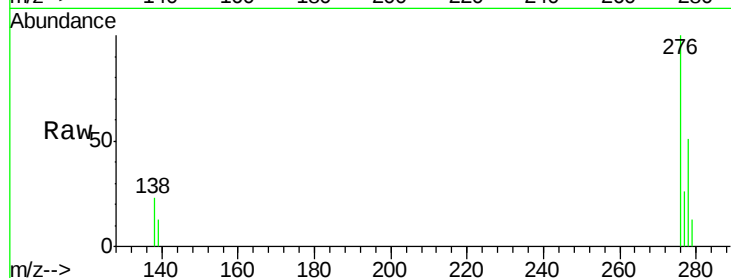
Tot Ion:276 Resp: 43860

Ion Ratio Lower Upper

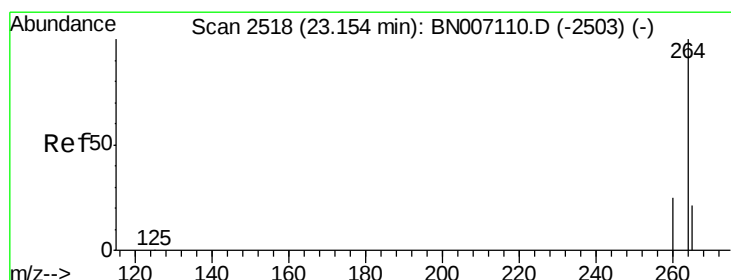
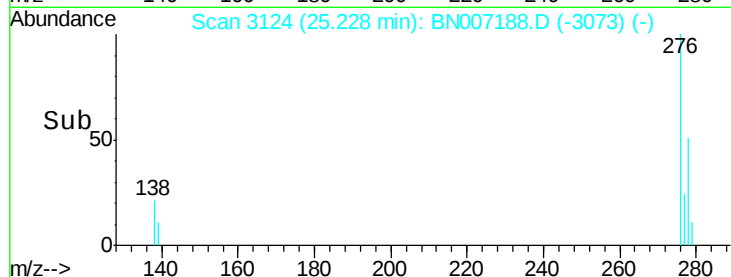
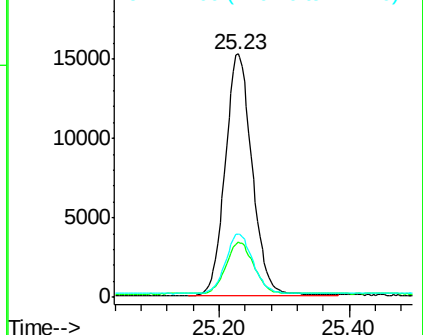
276 100

138 21.7 16.0 24.0

277 25.0 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



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.15 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

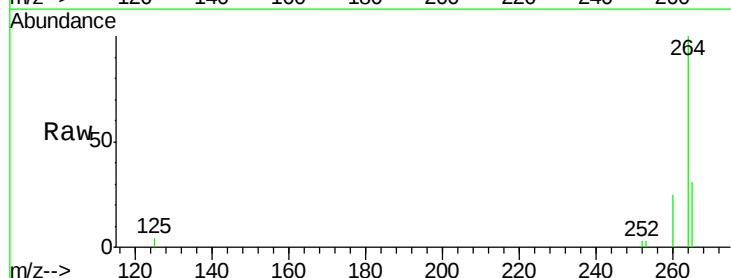
Tgt Ion:264 Resp: 44706

Ion Ratio Lower Upper

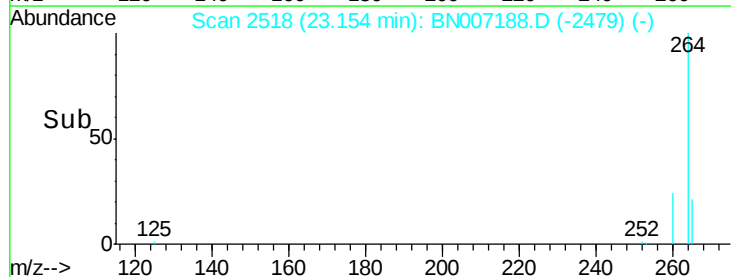
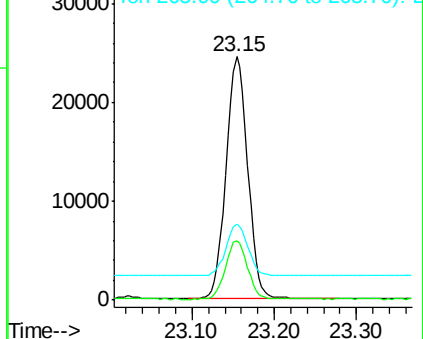
264 100

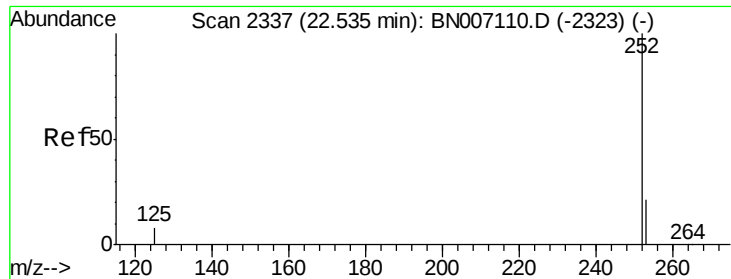
260 24.6 19.8 29.8

265 31.0 26.2 39.4



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

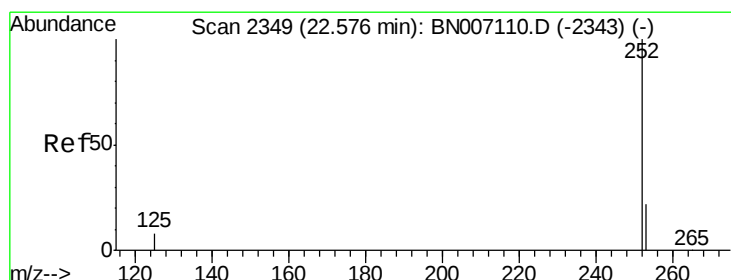
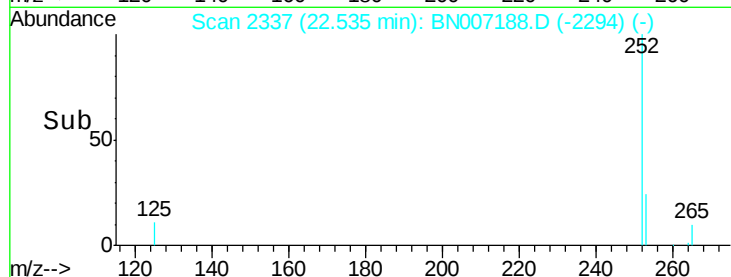
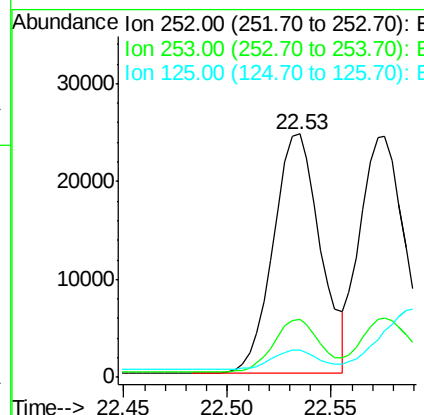
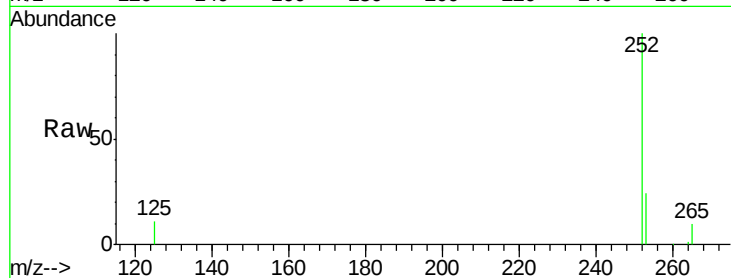




#33
Benzo(b)fluoranthene
Concen: 0.251 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007188.D
Acq: 15 Aug 2019 10:07

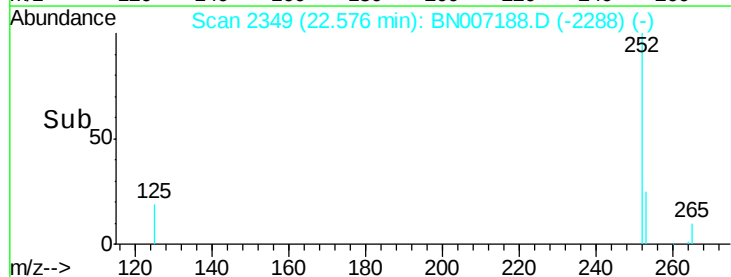
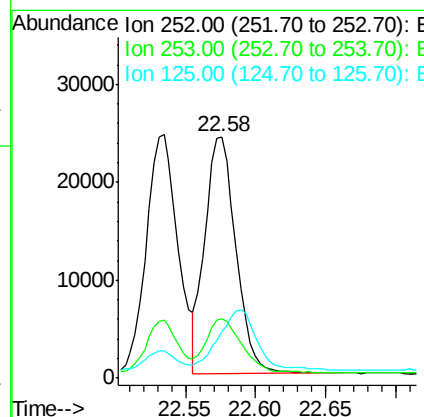
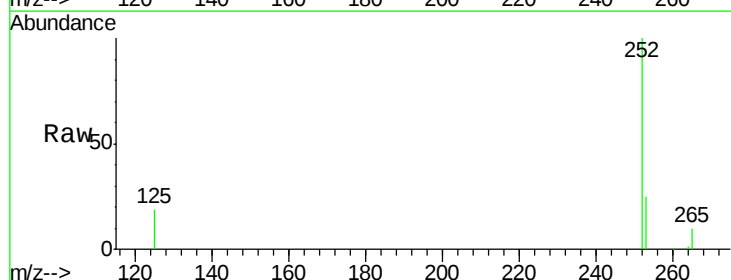
Instrument :
BNA_N
ClientSampleId :
PST-006-SW125-073019-1MS

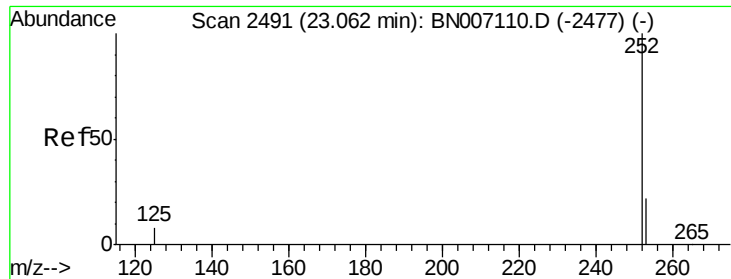
Tot Ion:252 Resp: 38415
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.2
125 11.3 7.4 11.0#



#34
Benzo(k)fluoranthene
Concen: 0.245 ng
RT: 22.58 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BN007188.D
Acq: 15 Aug 2019 10:07

Tgt Ion:252 Resp: 37032
Ion Ratio Lower Upper
252 100
253 24.8 18.1 27.1
125 19.1 7.4 11.0#





#35

Benzo(a)pyrene

Concen: 0.250 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS

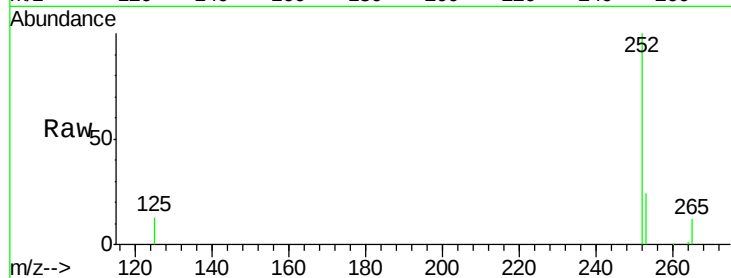
Tot Ion:252 Resp: 34775

Ion Ratio Lower Upper

252 100

253 24.1 18.5 27.7

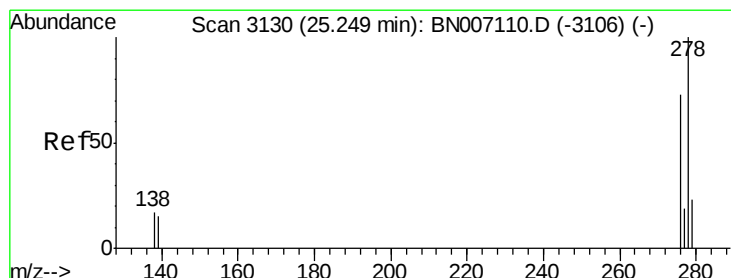
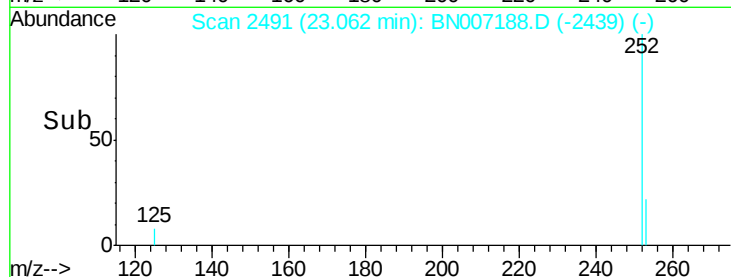
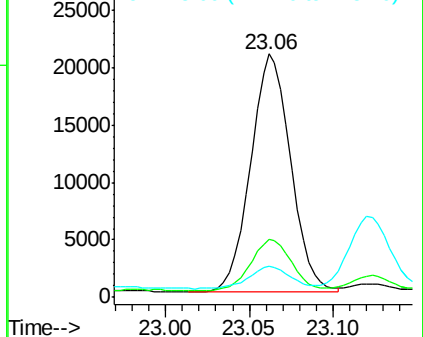
125 12.6 8.2 12.4#



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

Dibenzo(a,h)anthracene

Concen: 0.253 ng

RT: 25.25 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BN007188.D

Acq: 15 Aug 2019 10:07

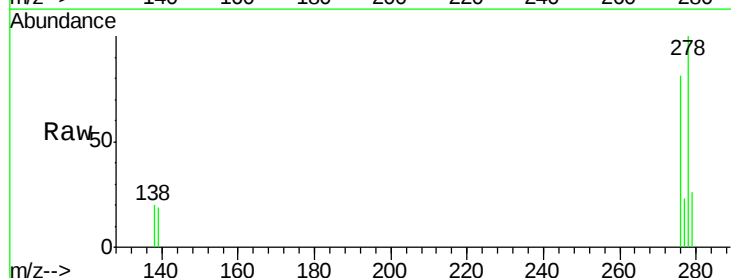
Tgt Ion:278 Resp: 35113

Ion Ratio Lower Upper

278 100

139 18.8 11.3 16.9#

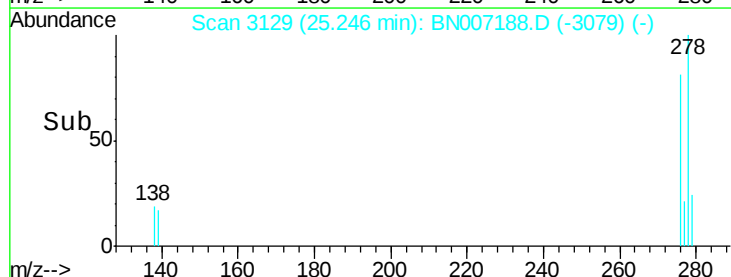
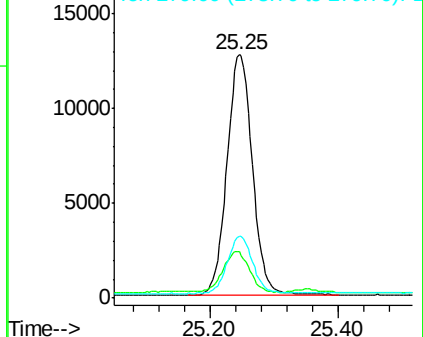
279 25.5 19.3 28.9

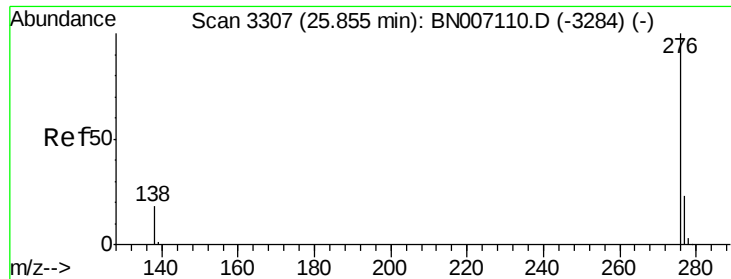


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 0.258 ng

RT: 25.86 min Scan# 3308

Delta R.T. -0.02 min

Lab File: BN007188.D

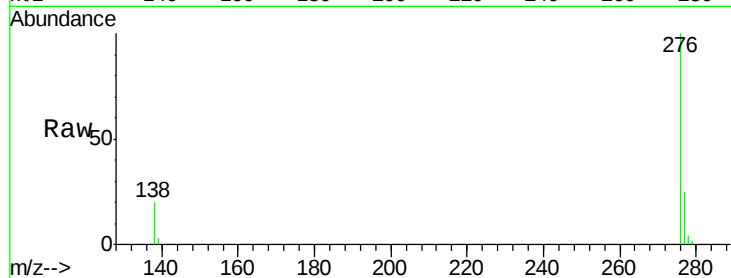
Acq: 15 Aug 2019 10:07

Instrument :

BNA_N

ClientSampleId :

PST-006-SW125-073019-1MS



Tot Ion: 276 Resp: 36766

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.8

138 19.5 14.6 22.0

