

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004869.D
 Acq On : 22 Mar 2019 02:27
 Operator : JU/SJ
 Sample : K1817-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-028-B011-030619MS

Quant Time: Mar 22 04:51:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1630	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	7445	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	4856	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	13011	0.40	ng	0.00
27) Chrysene-d12	21.29	240	18123	0.40	ng	0.00
34) Perylene-d12	23.54	264	19842	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	1609	0.36	ng	0.00
5) Phenol-d6	6.87	99	2139	0.39	ng	0.00
8) Nitrobenzene-d5	8.87	82	1530	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4293	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	961	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6353	0.32	ng	0.00
25) Fluoranthene-d10	19.13	212	13300	0.31	ng	0.00
29) Terphenyl-d14	19.73	244	10188	0.27	ng	0.00

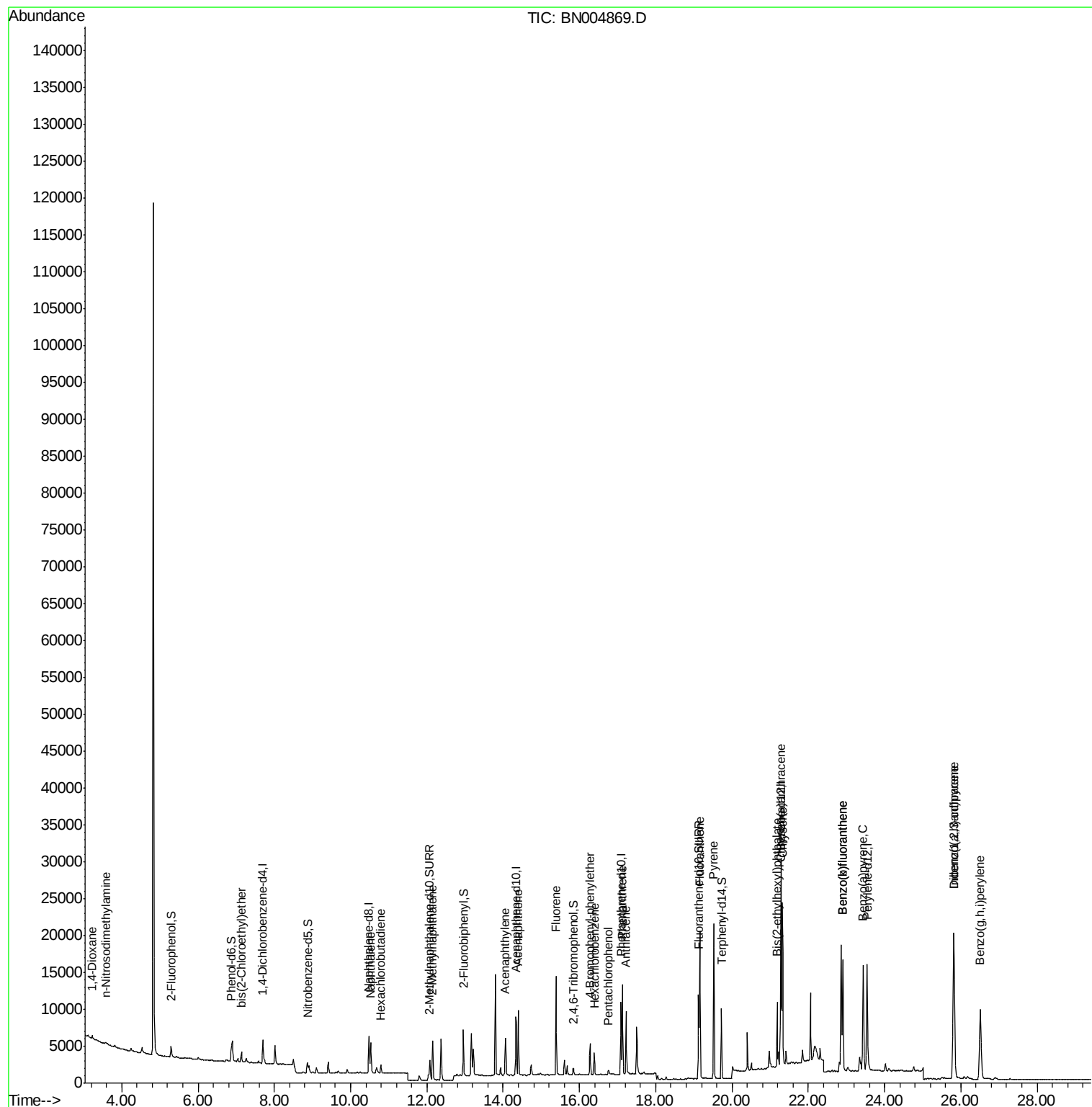
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	390	0.210	ng	# 72
3) n-Nitrosodimethylamine	3.58	42	208	0.190	ng	# 70
6) bis(2-Chloroethyl)ether	7.14	93	1308	0.263	ng	97
9) Naphthalene	10.53	128	5593	0.268	ng	99
10) Hexachlorobutadiene	10.80	225	983	0.247	ng	# 98
12) 2-Methylnaphthalene	12.15	142	4207	0.271	ng	98
16) Acenaphthylene	14.05	152	6629	0.265	ng	100
17) Acenaphthene	14.40	154	4285	0.262	ng	100
18) Fluorene	15.39	166	6023	0.263	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	2115	0.249	ng	93
21) Hexachlorobenzene	16.39	284	2351	0.242	ng	96
22) Pentachlorophenol	16.76	266	545	0.286	ng	100
23) Phenanthrene	17.13	178	12374	0.295	ng	99
24) Anthracene	17.23	178	9976	0.266	ng	100
26) Fluoranthene	19.16	202	18431	0.341	ng	99
28) Pyrene	19.52	202	19456	0.352	ng	99
30) Benzo(a)anthracene	21.27	228	19471	0.328	ng	98
31) Chrysene	21.32	228	18733	0.299	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	7351	0.310	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	23268	0.257	ng	99
35) Benzo(b)fluoranthene	22.91	252	20088	0.280	ng	97
36) Benzo(k)fluoranthene	22.91	252	20315	0.288	ng	98
37) Benzo(a)pyrene	23.44	252	20373	0.309	ng	98
38) Dibenzo(a,h)anthracene	25.82	278	17893	0.235	ng	98
39) Benzo(g,h,i)perylene	26.51	276	20215	0.260	ng	98

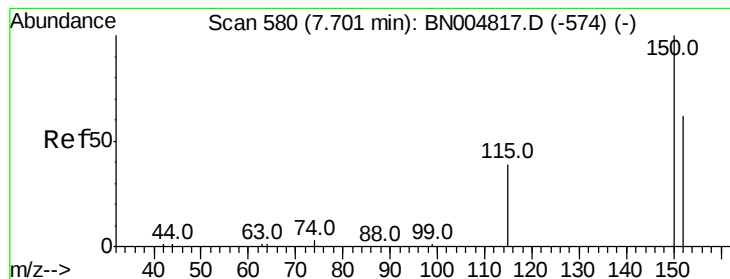
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

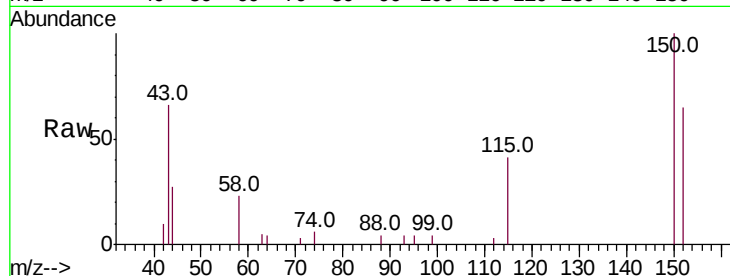
Tot Ion:152 Resp: 1630

Ion Ratio Lower Upper

152 100

150 153.6 126.2 189.4

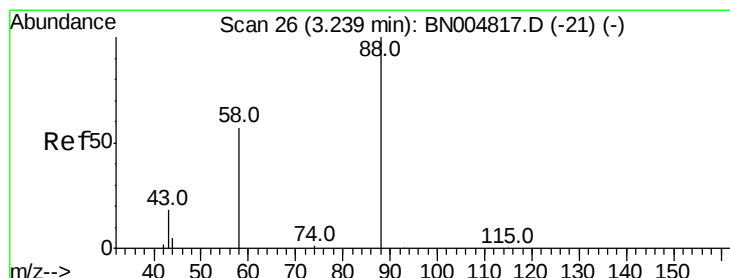
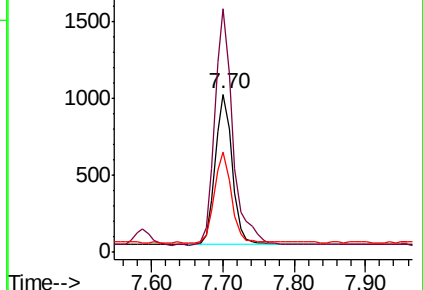
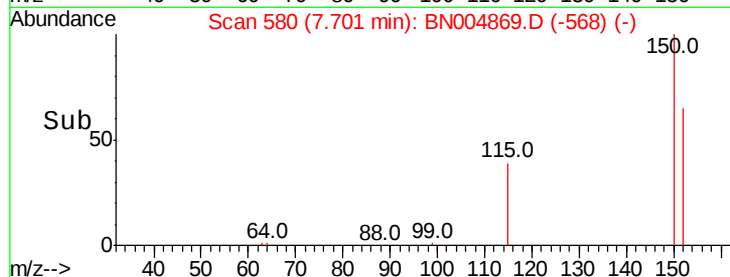
115 63.5 52.6 79.0



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: 0.210 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

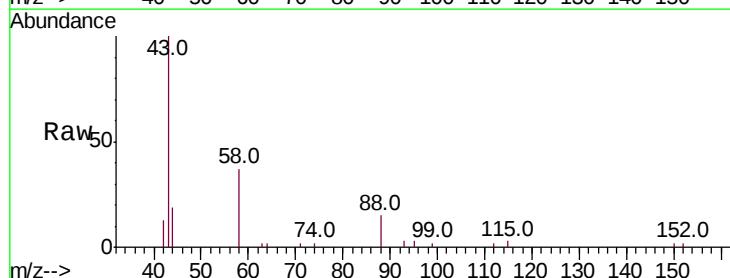
Tgt Ion: 88 Resp: 390

Ion Ratio Lower Upper

88 100

58 79.7 51.4 77.2#

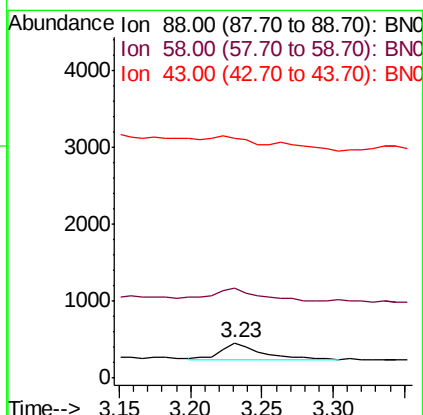
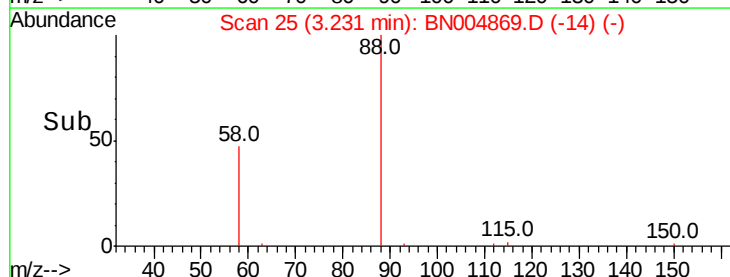
43 0.0 20.0 30.0#

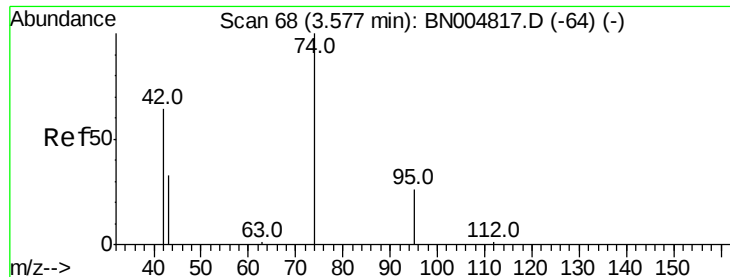


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.190 ng

RT: 3.58 min Scan# 68

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

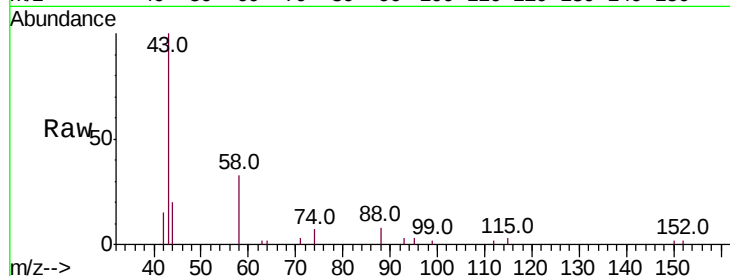
Tot Ion: 42 Resp: 208

Ion Ratio Lower Upper

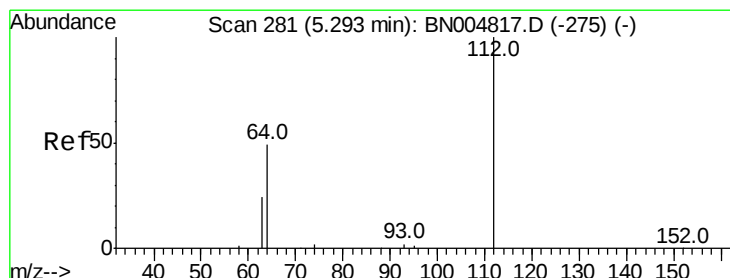
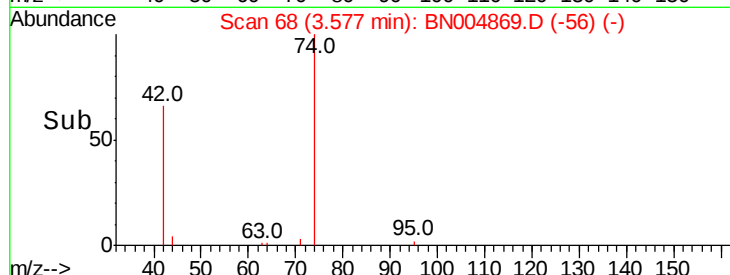
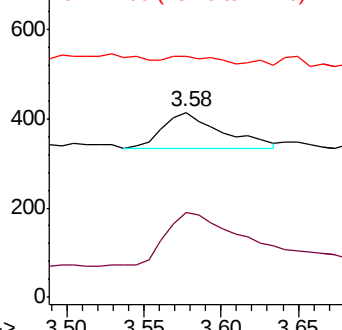
42 100

74 201.9 128.4 192.6#

44 12.0 6.1 9.1#



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: 0.363 ng

RT: 5.30 min Scan# 282

Delta R.T. 0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

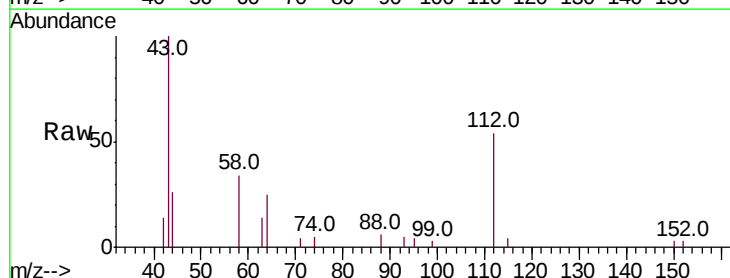
Tgt Ion: 112 Resp: 1609

Ion Ratio Lower Upper

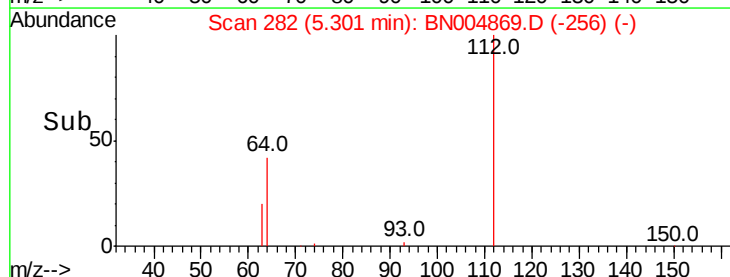
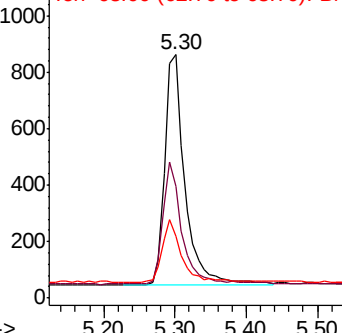
112 100

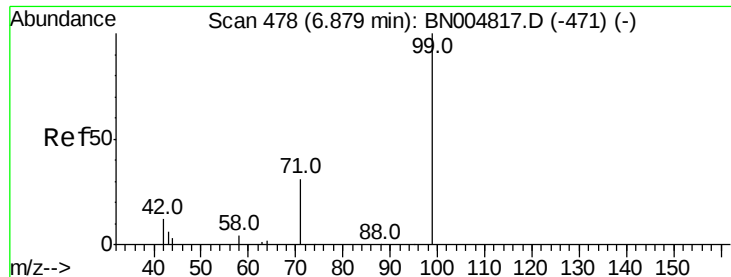
64 50.0 40.0 60.0

63 25.4 20.2 30.2



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: 0.388 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

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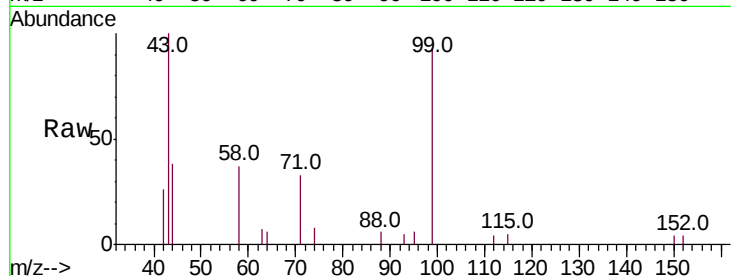
Tot Ion: 99 Resp: 2139

Ion Ratio Lower Upper

99 100

42 23.2 12.7 19.1#

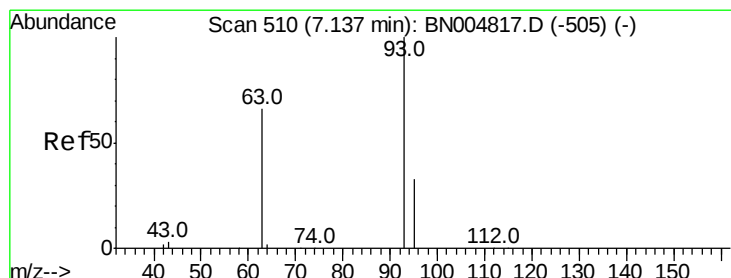
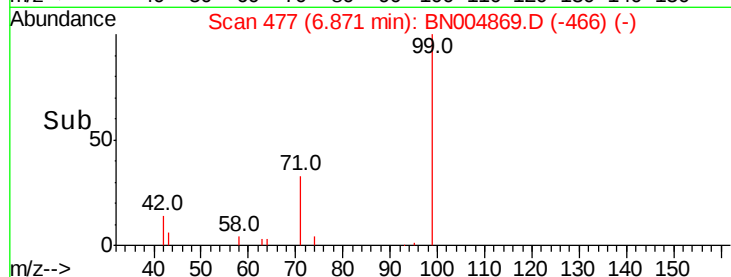
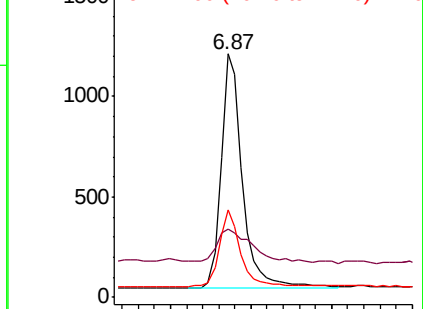
71 31.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.263 ng

RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

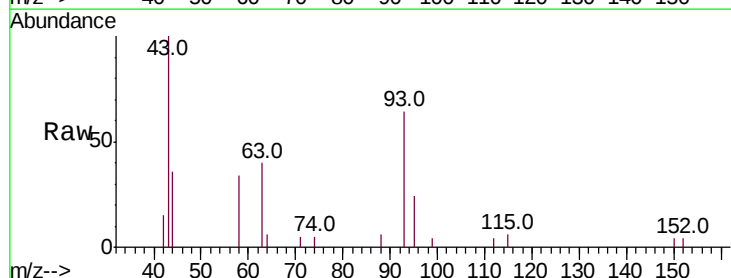
Tgt Ion: 93 Resp: 1308

Ion Ratio Lower Upper

93 100

63 63.8 52.6 78.8

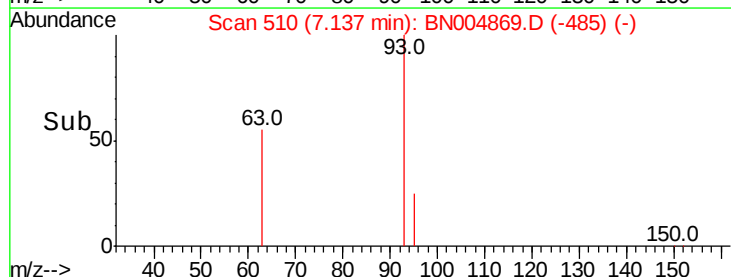
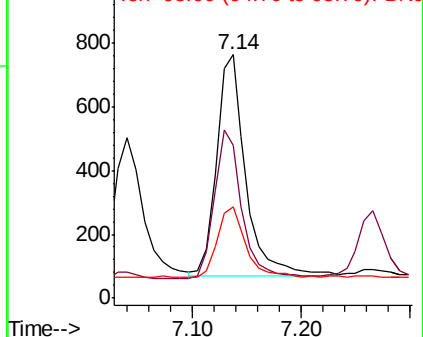
95 30.7 25.9 38.9

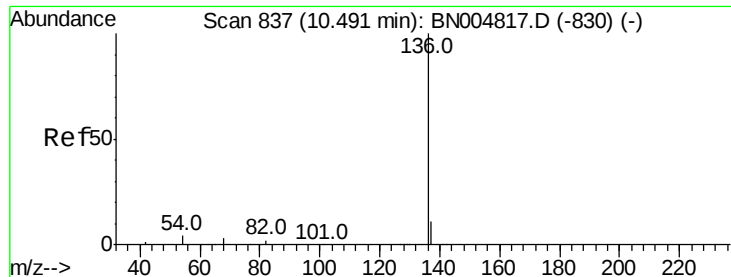


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

Tot Ion:136 Resp: 7445

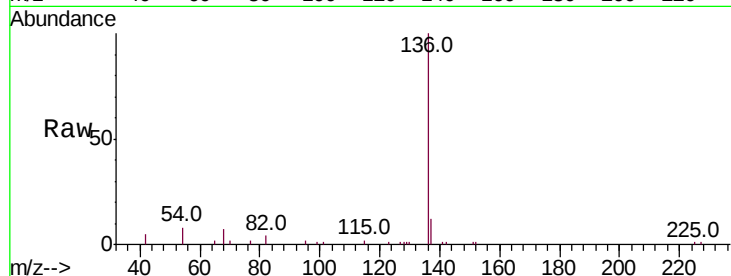
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 7.9 4.2 6.2#

68 6.7 3.9 5.9#

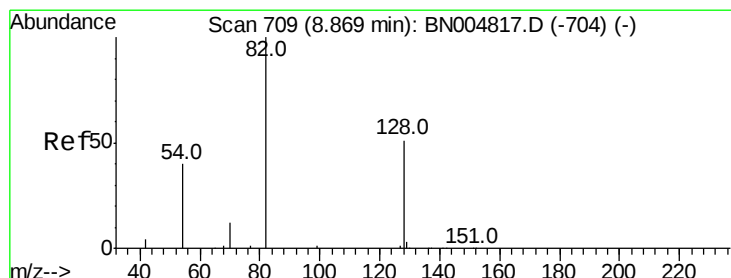
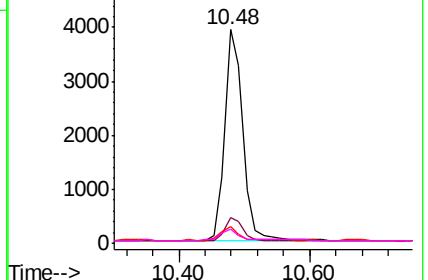
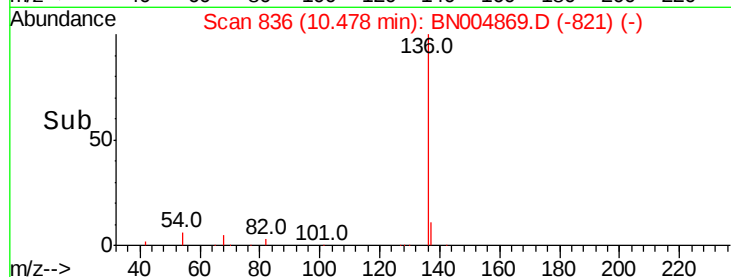


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.311 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

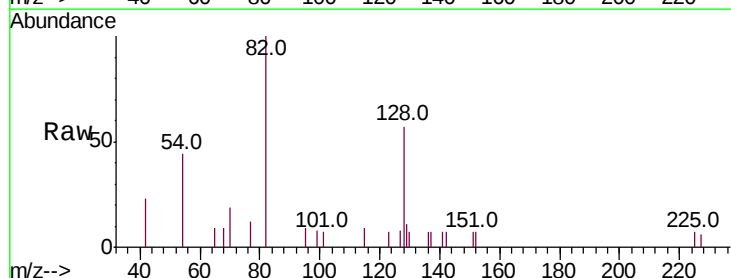
Tgt Ion: 82 Resp: 1530

Ion Ratio Lower Upper

82 100

128 57.1 43.0 64.6

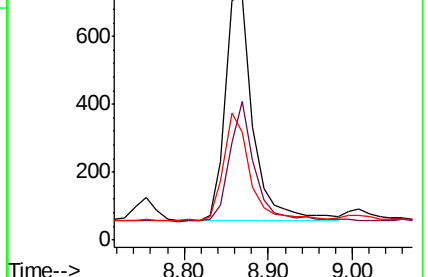
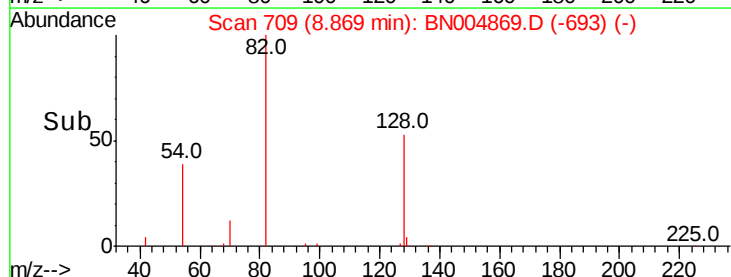
54 44.2 35.3 52.9

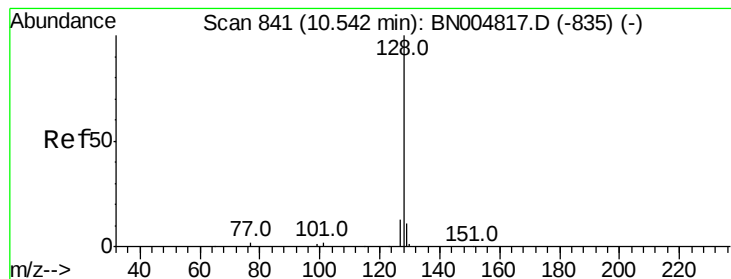


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.268 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

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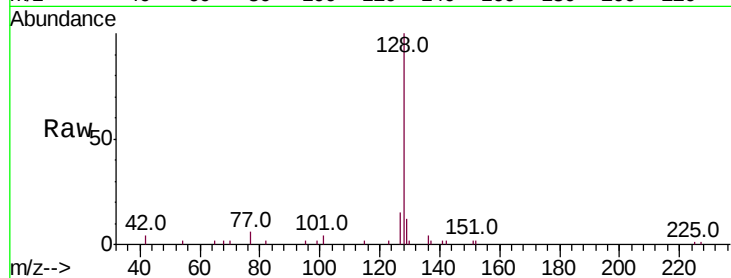
Tot Ion:128 Resp: 5593

Ion Ratio Lower Upper

128 100

129 12.2 9.9 14.9

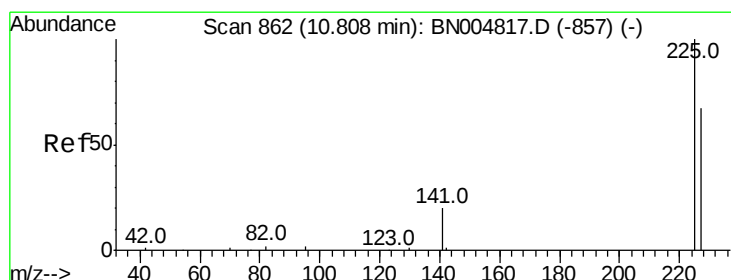
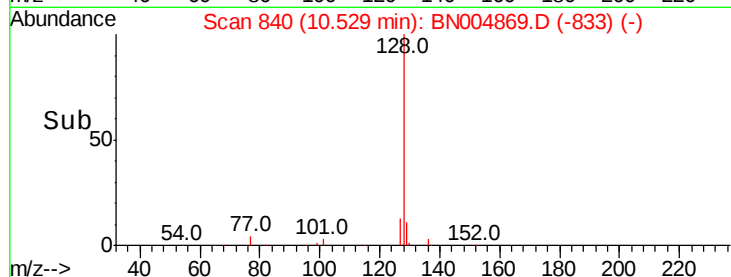
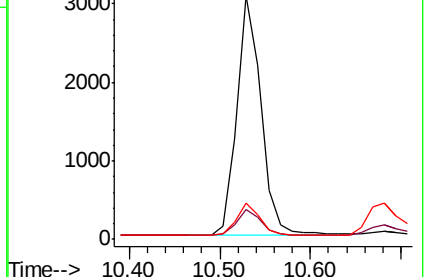
127 14.7 11.3 16.9



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: 0.247 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

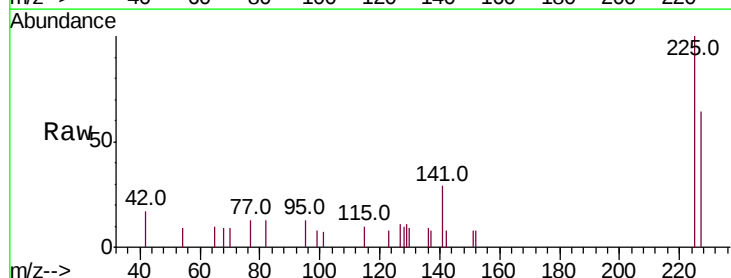
Tgt Ion:225 Resp: 983

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

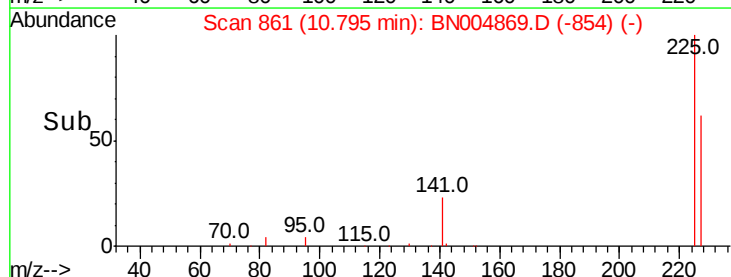
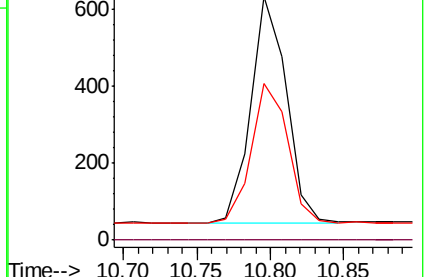
227 63.7 52.2 78.4

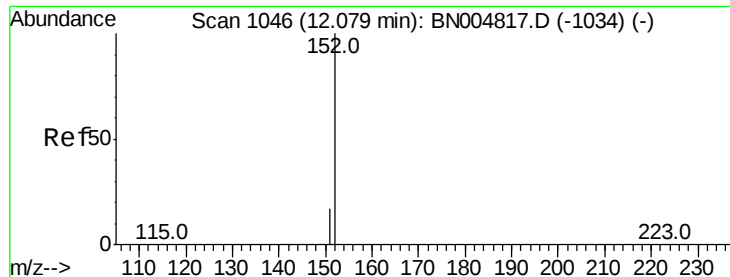


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

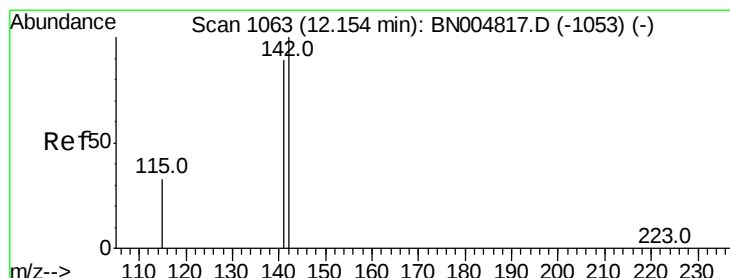
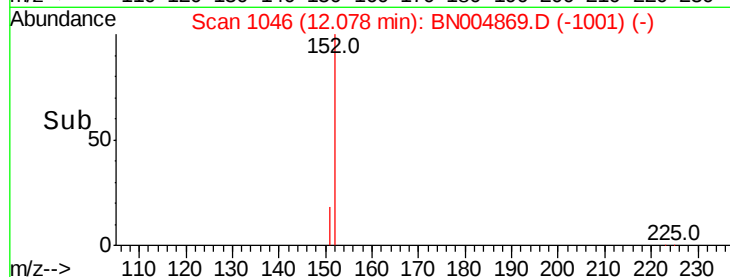
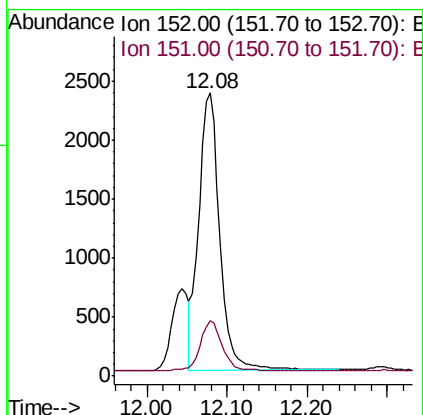
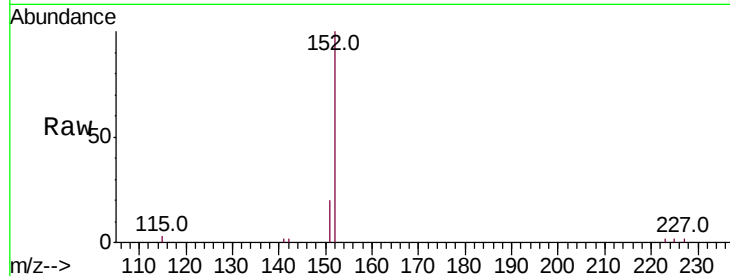




#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.08 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN004869.D
Acq: 22 Mar 2019 02:27

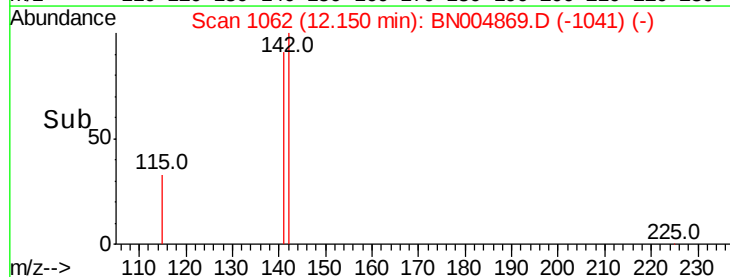
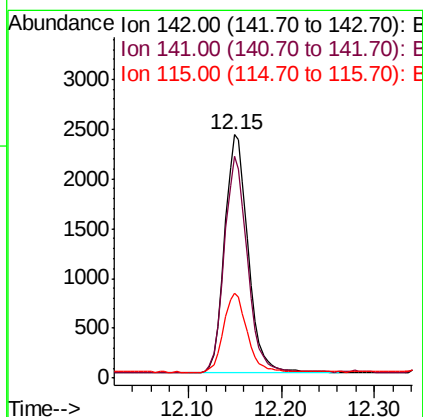
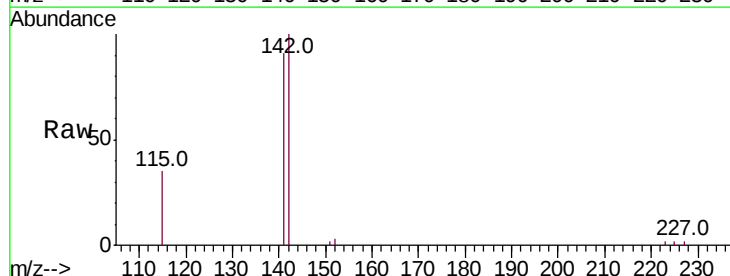
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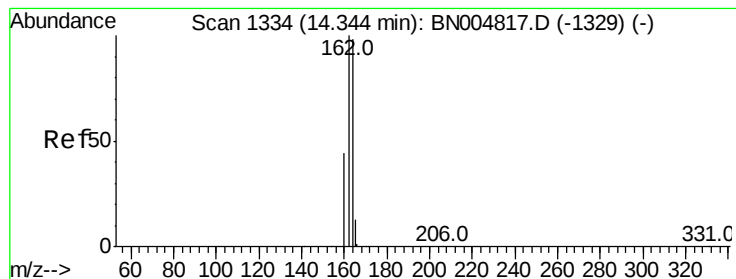
Tot Ion:152 Resp: 4293
Ion Ratio Lower Upper
152 100
151 18.8 15.5 23.3



#12
2-Methylnaphthalene
Concen: 0.271 ng
RT: 12.15 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN004869.D
Acq: 22 Mar 2019 02:27

Tgt Ion:142 Resp: 4207
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.2
115 34.8 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

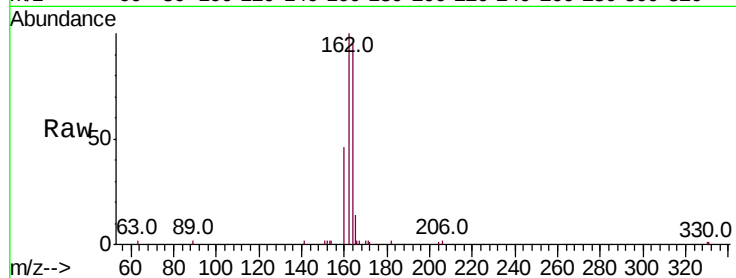
Tot Ion:164 Resp: 4856

Ion Ratio Lower Upper

164 100

162 105.5 81.9 122.9

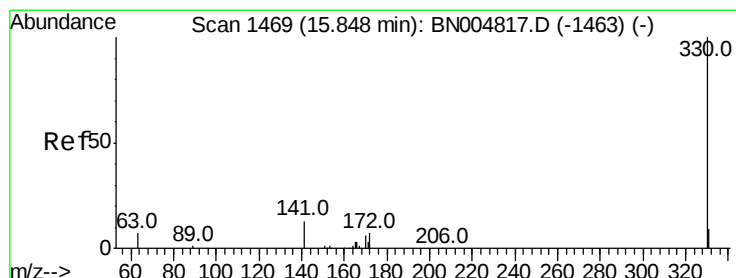
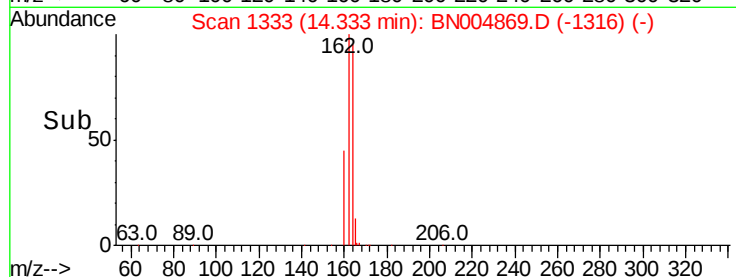
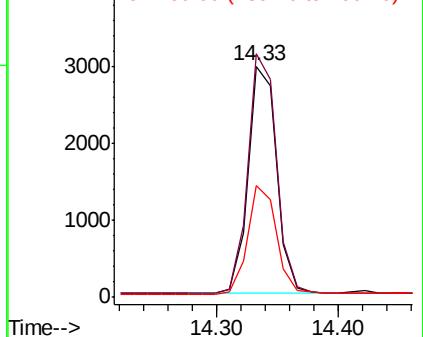
160 48.5 36.6 54.8



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: 0.287 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

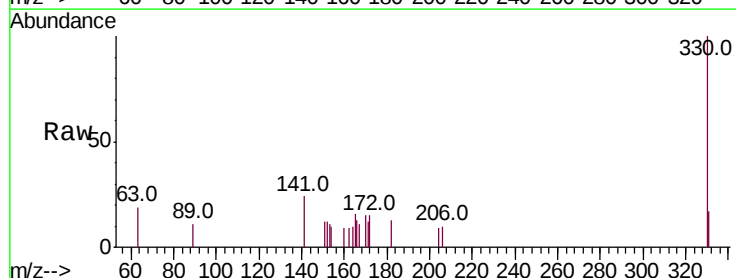
Tgt Ion:330 Resp: 961

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

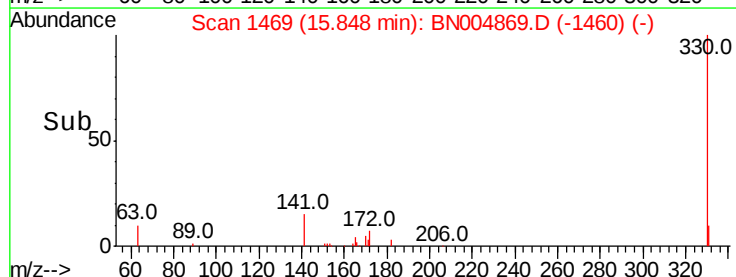
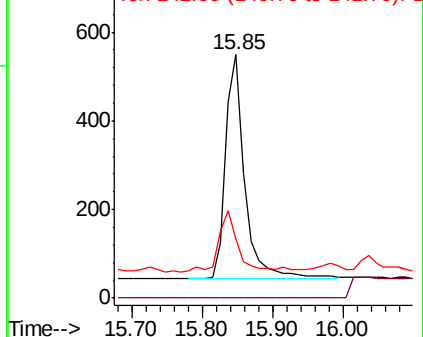
141 28.7 20.9 31.3

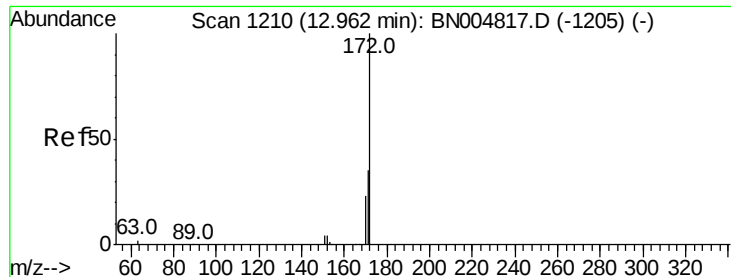


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

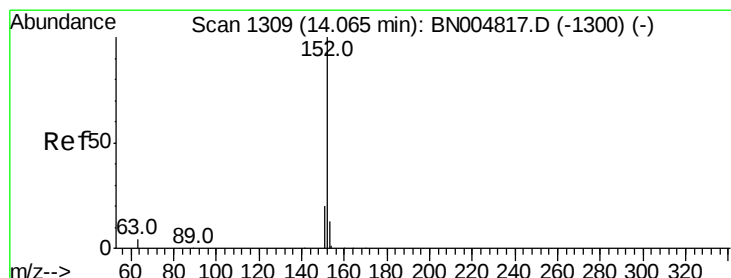
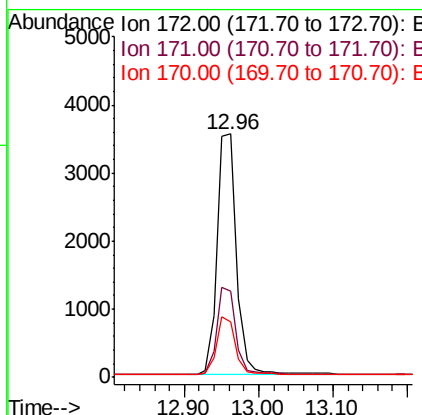
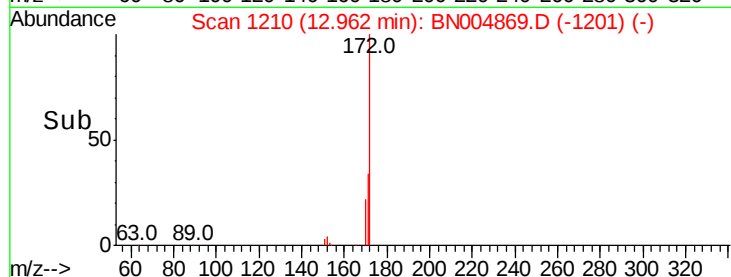
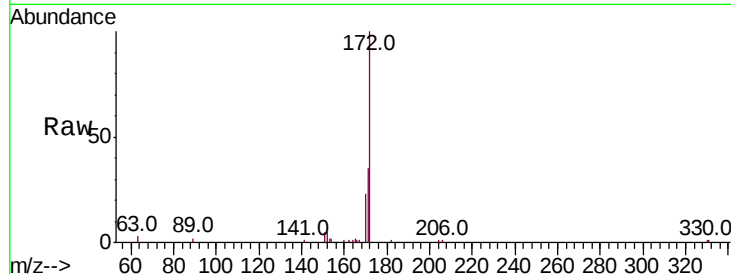




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004869.D
Acq: 22 Mar 2019 02:27

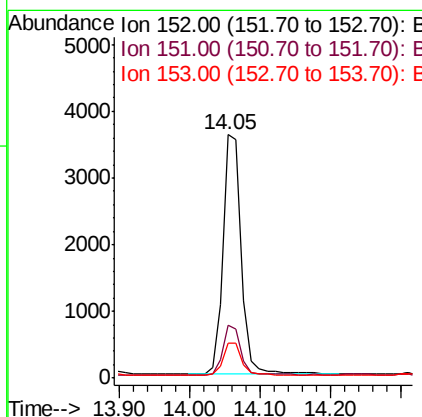
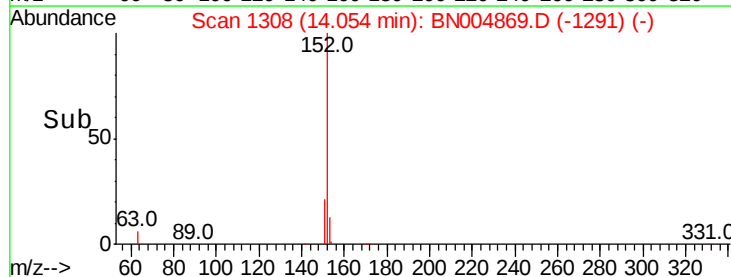
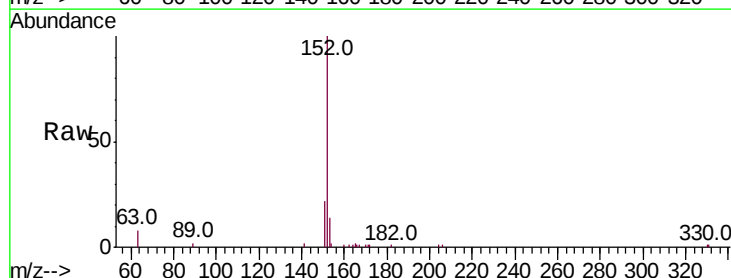
Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619MS

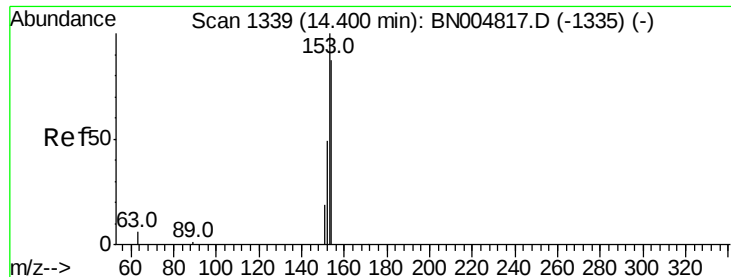
Tot Ion:172 Resp: 6353
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 22.5 18.7 28.1



#16
Acenaphthylene
Concen: 0.265 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004869.D
Acq: 22 Mar 2019 02:27

Tgt Ion:152 Resp: 6629
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.262 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

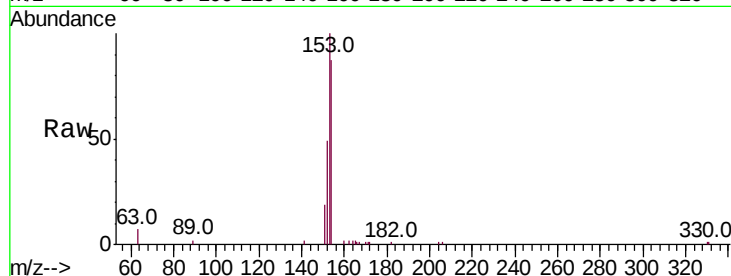
Tot Ion:154 Resp: 4285

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

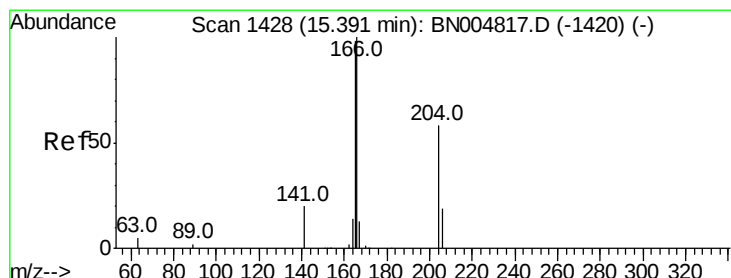
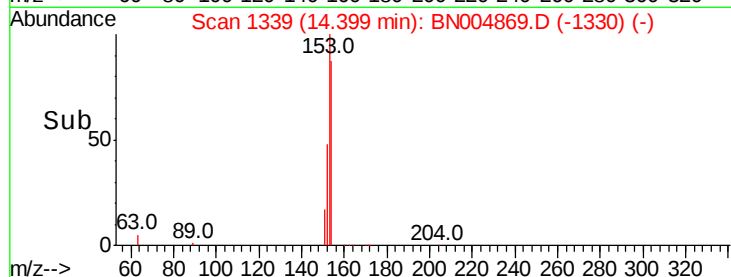
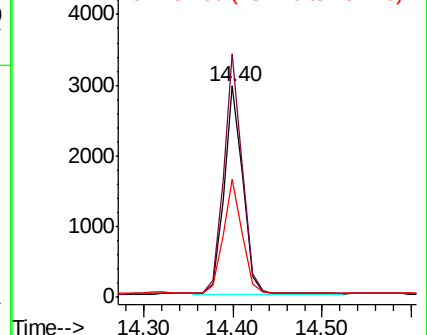
152 55.5 44.2 66.2



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



#18

Fluorene

Concen: 0.263 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

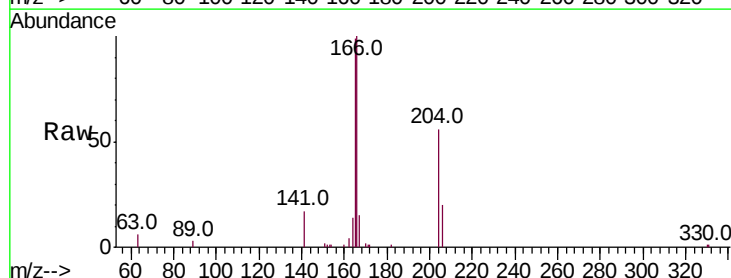
Tgt Ion:166 Resp: 6023

Ion Ratio Lower Upper

166 100

165 99.3 78.2 117.4

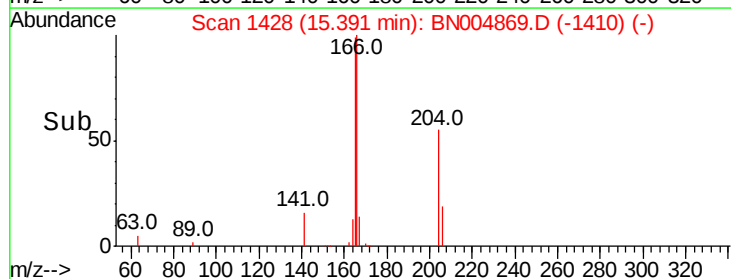
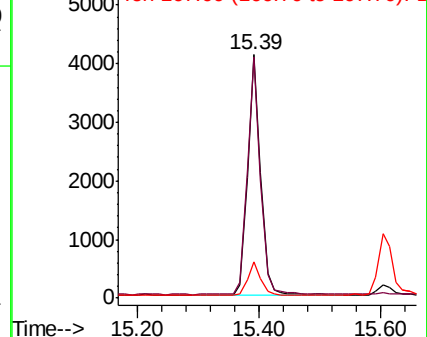
167 13.5 11.0 16.4

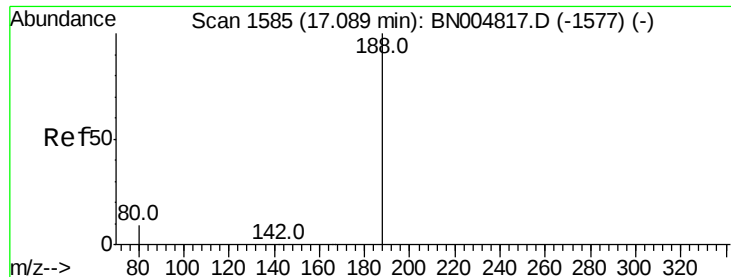


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

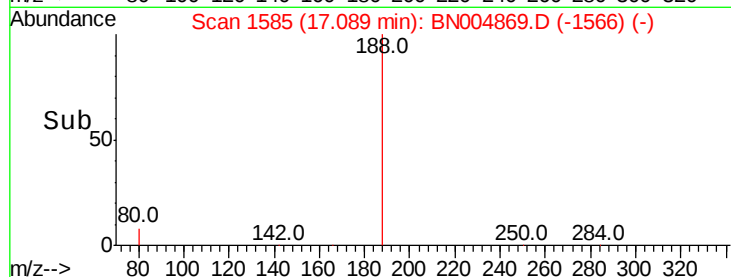
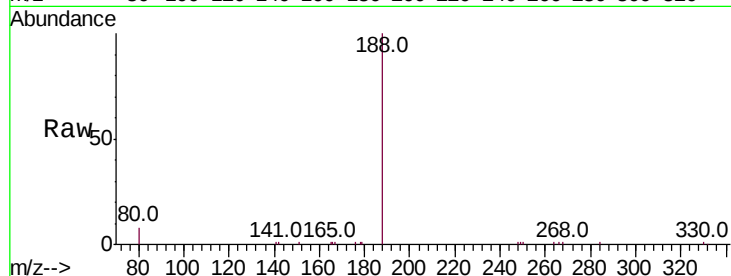
Tot Ion:188 Resp: 13011

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

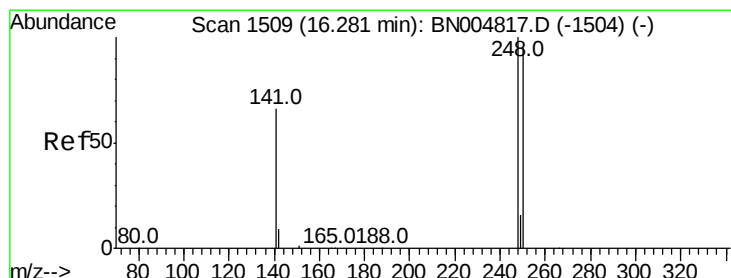
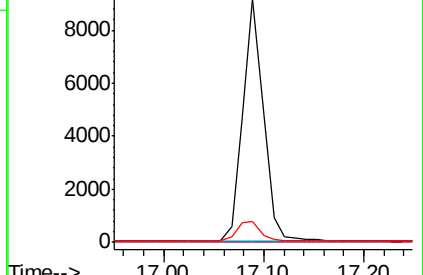
80 8.4 7.4 11.2



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: 0.249 ng

RT: 16.28 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

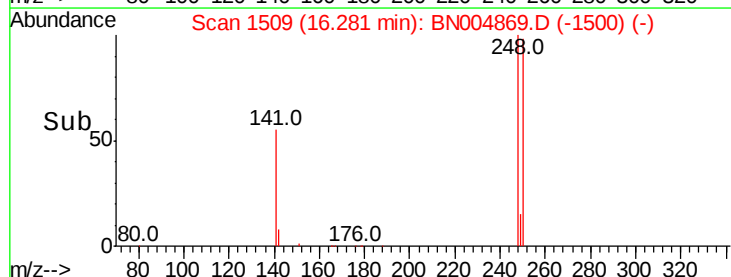
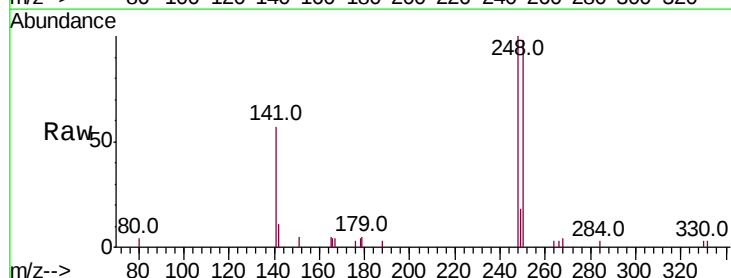
Tgt Ion:248 Resp: 2115

Ion Ratio Lower Upper

248 100

250 98.1 76.2 114.4

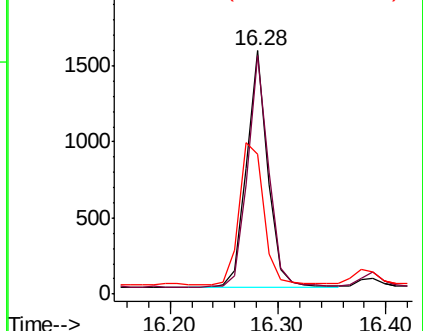
141 57.4 53.9 80.9

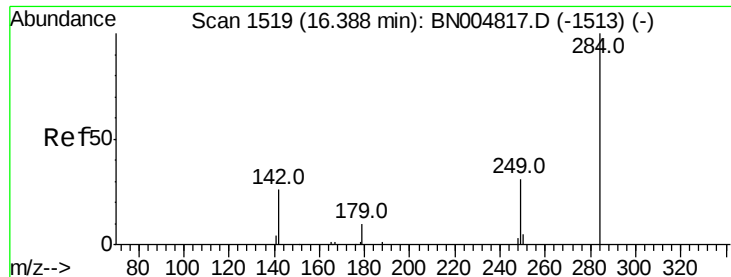


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.242 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

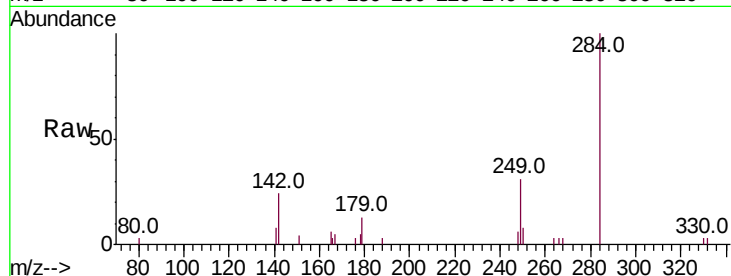
Tot Ion:284 Resp: 2351

Ion Ratio Lower Upper

284 100

142 30.7 22.6 34.0

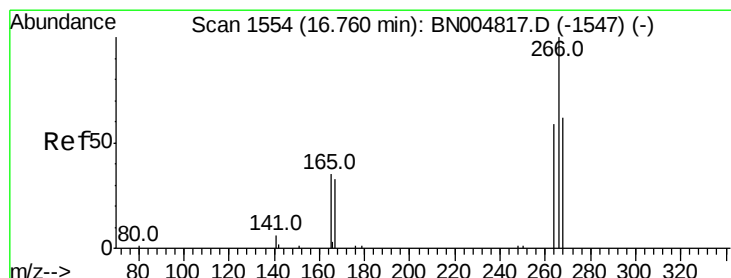
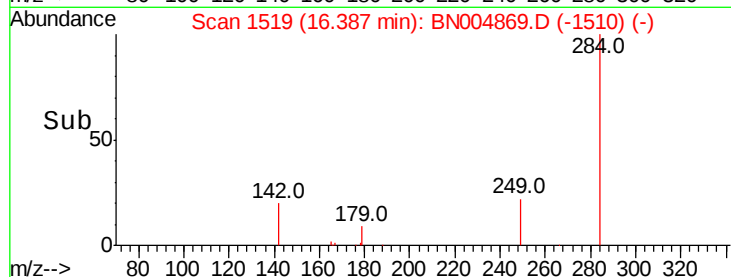
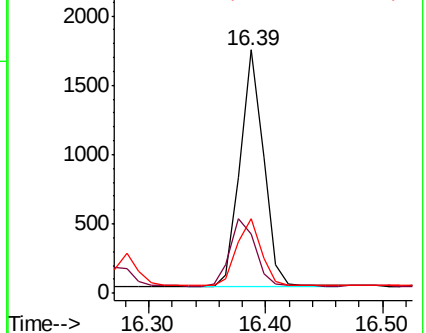
249 29.4 22.5 33.7



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: 0.286 ng

RT: 16.76 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

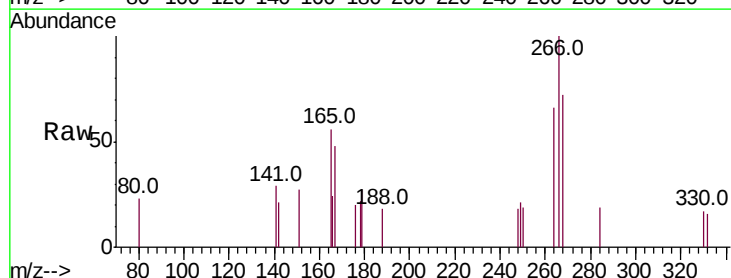
Tgt Ion:266 Resp: 545

Ion Ratio Lower Upper

266 100

264 66.4 53.1 79.7

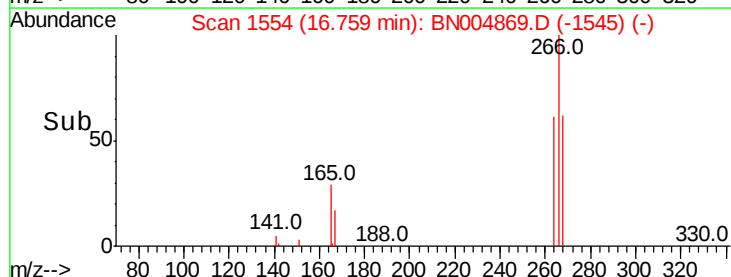
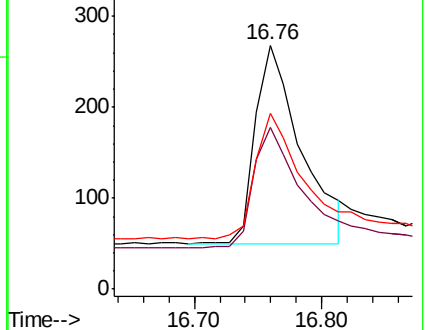
268 72.0 57.7 86.5

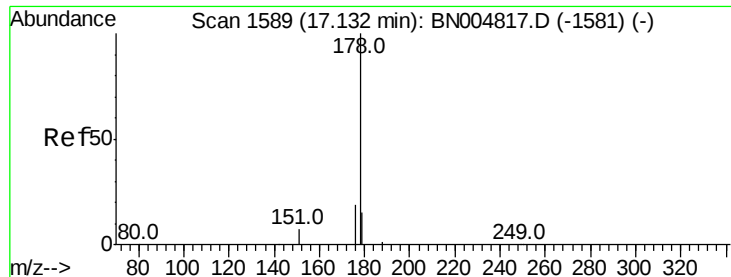


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.295 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

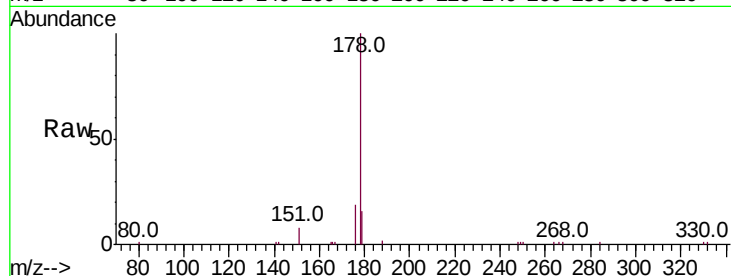
Tot Ion:178 Resp: 12374

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.6 12.1 18.1

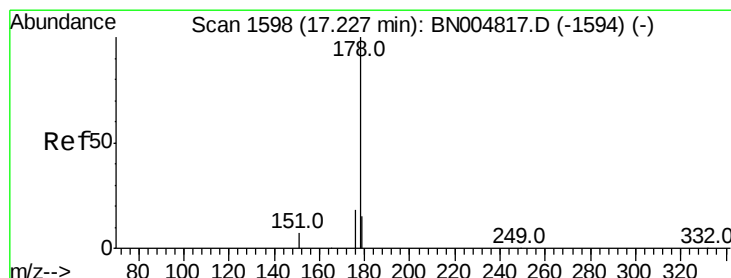
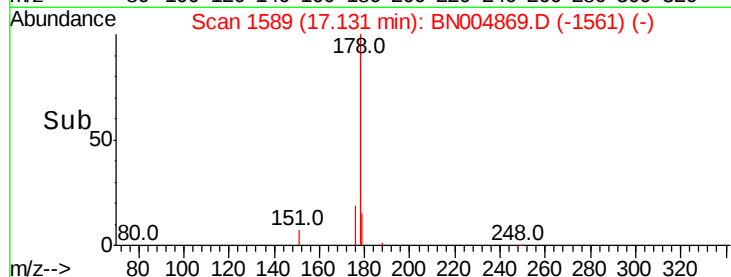
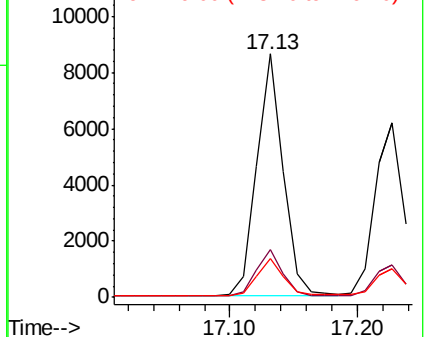


Abundance

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: 0.266 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

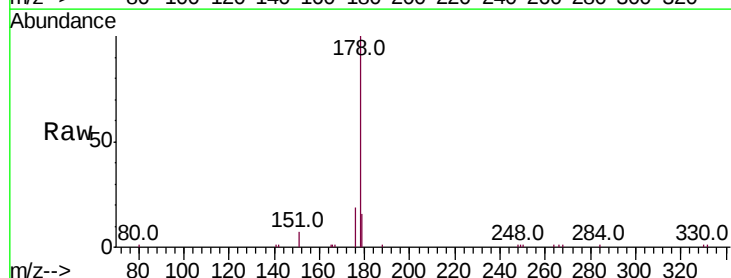
Tgt Ion:178 Resp: 9976

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

179 15.1 12.2 18.4

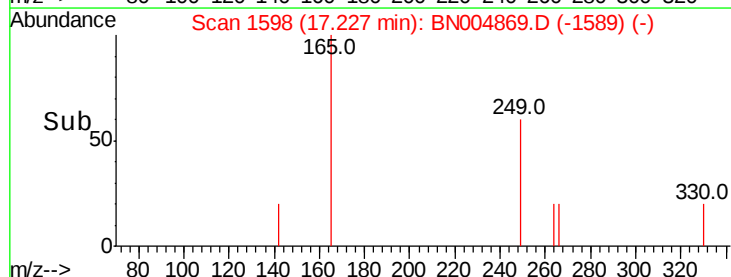
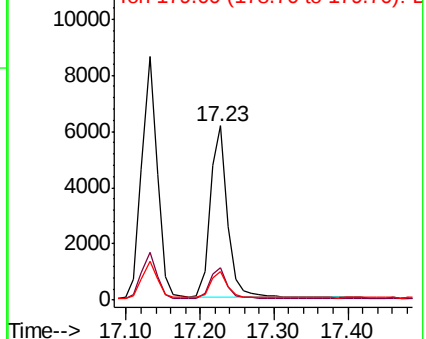


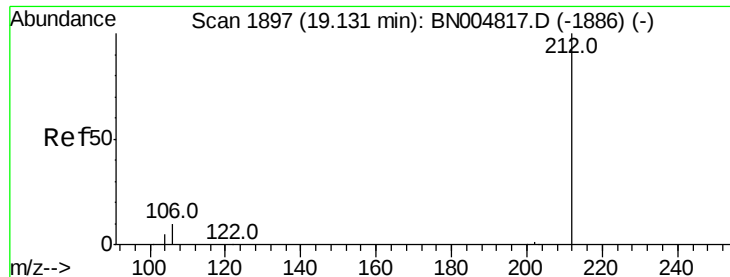
Abundance

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

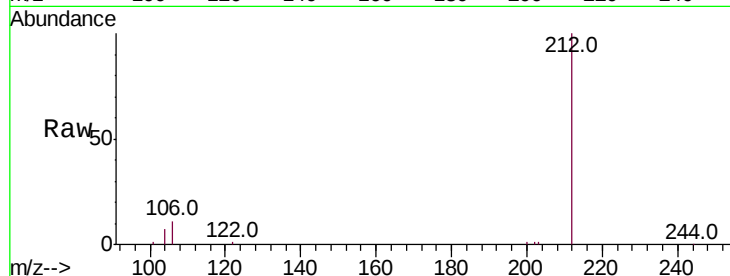




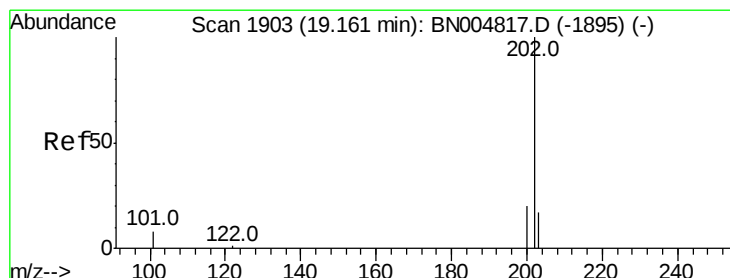
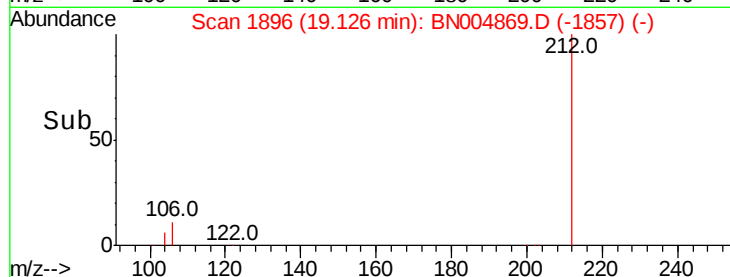
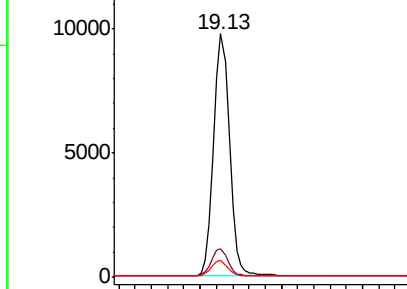
#25
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN004869.D
Acq: 22 Mar 2019 02:27

Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619MS

Tot Ion:212 Resp: 13300
Ion Ratio Lower Upper
212 100
106 11.1 8.6 13.0
104 6.3 4.7 7.1

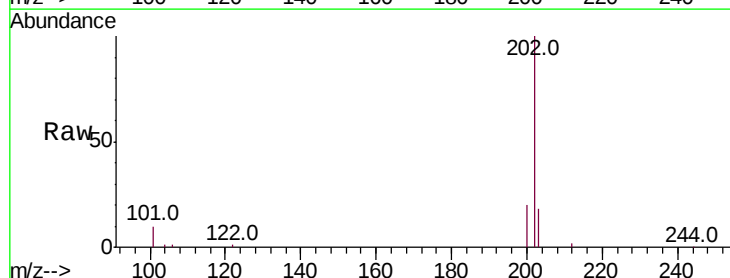


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

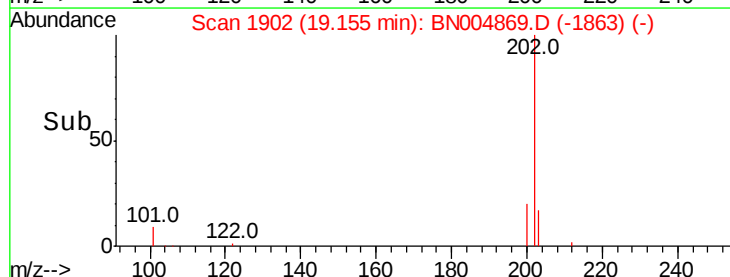
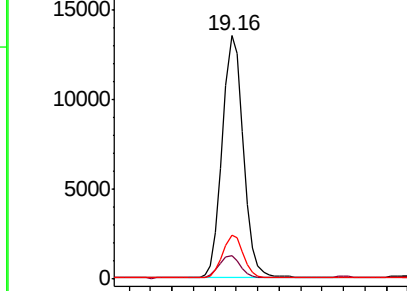


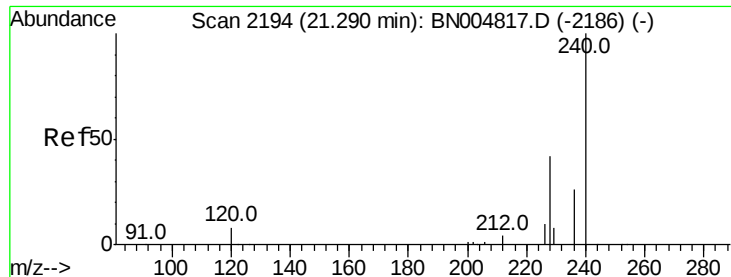
#26
Fluoranthene
Concen: 0.341 ng
RT: 19.16 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BN004869.D
Acq: 22 Mar 2019 02:27

Tgt Ion:202 Resp: 18431
Ion Ratio Lower Upper
202 100
101 9.7 7.5 11.3
203 17.4 13.8 20.6



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

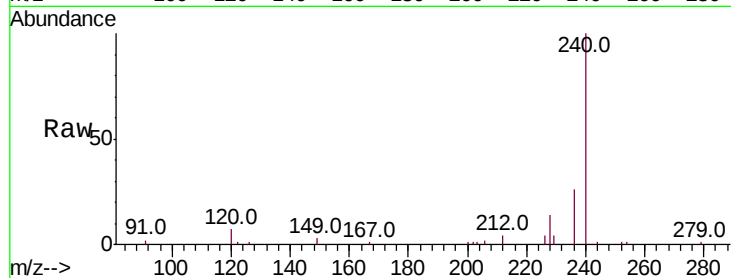




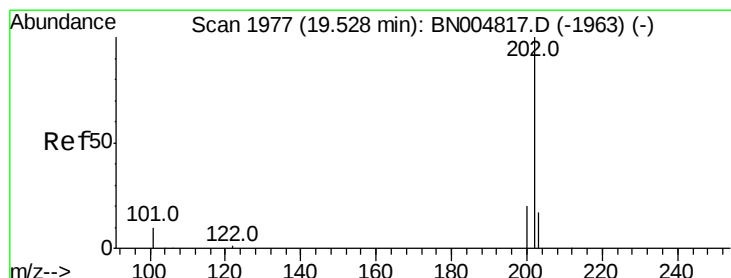
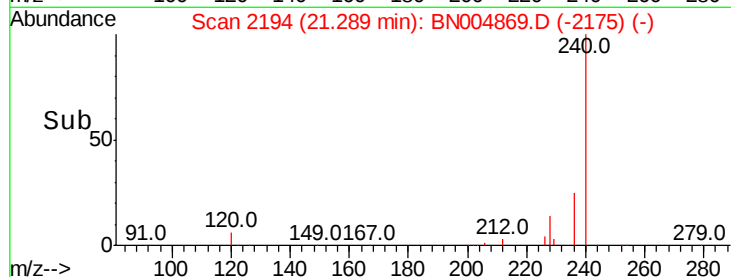
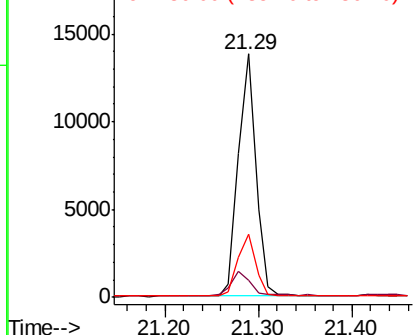
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004869.D
Acq: 22 Mar 2019 02:27

Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619MS

Tot Ion:240 Resp: 18123
Ion Ratio Lower Upper
240 100
120 6.9 7.2 10.8#
236 25.8 20.9 31.3

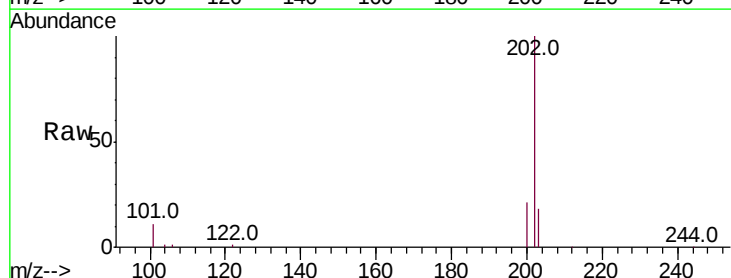


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

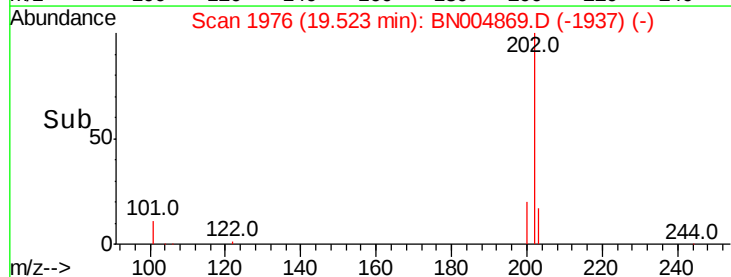
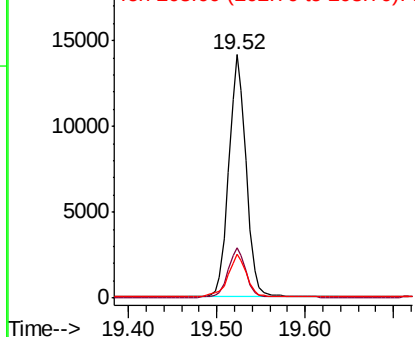


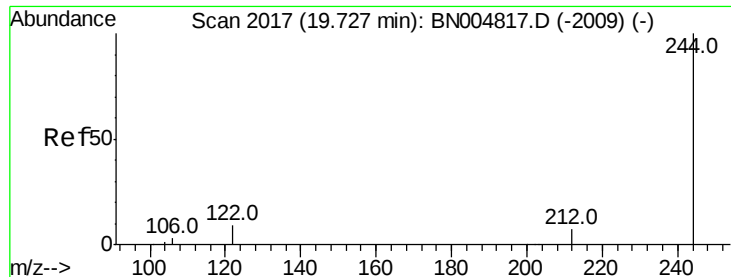
#28
Pyrene
Concen: 0.352 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004869.D
Acq: 22 Mar 2019 02:27

Tgt Ion:202 Resp: 19456
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 18.4 14.0 21.0



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: 0.275 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

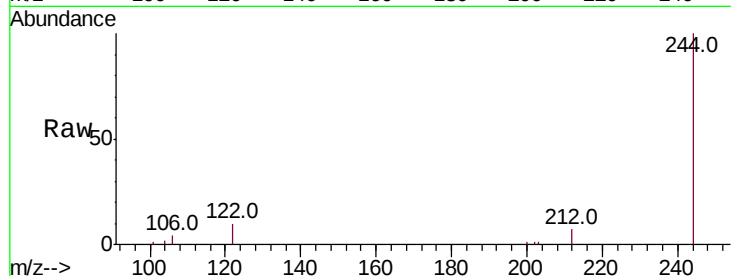
Tot Ion:244 Resp: 10188

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

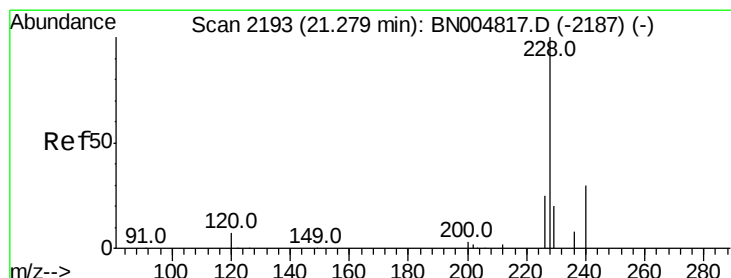
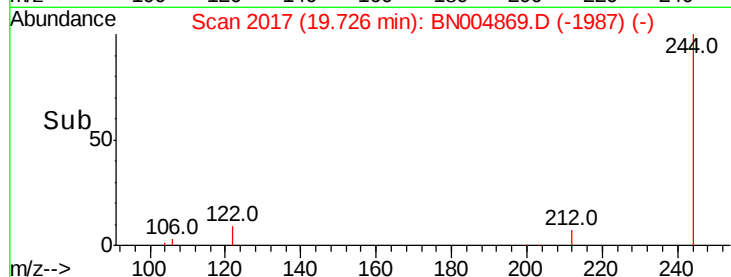
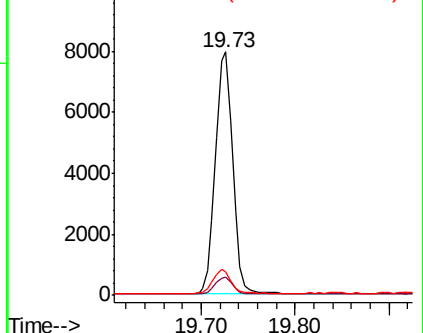
122 9.6 7.9 11.9



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: 0.328 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

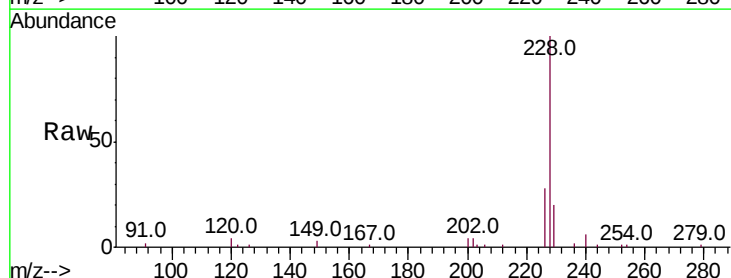
Tgt Ion:228 Resp: 19471

Ion Ratio Lower Upper

228 100

226 27.6 20.6 31.0

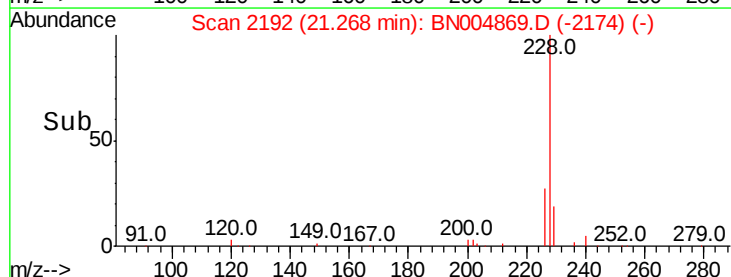
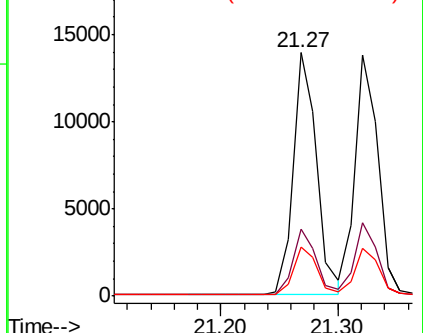
229 20.2 16.2 24.4

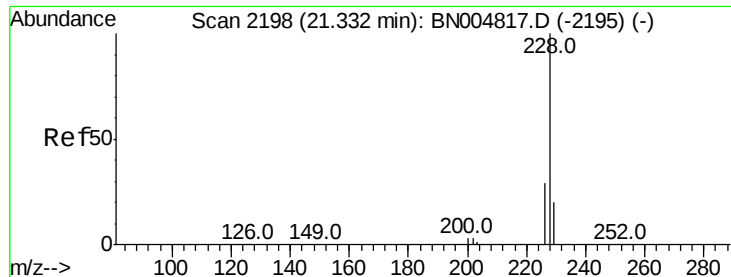


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.299 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

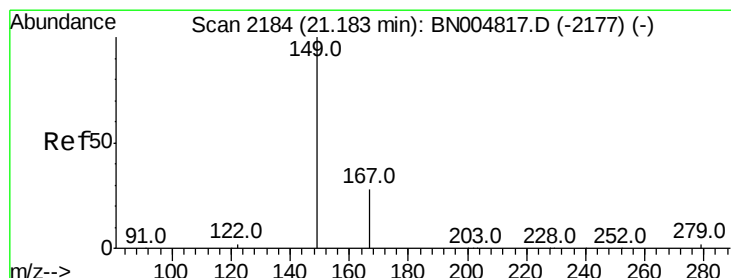
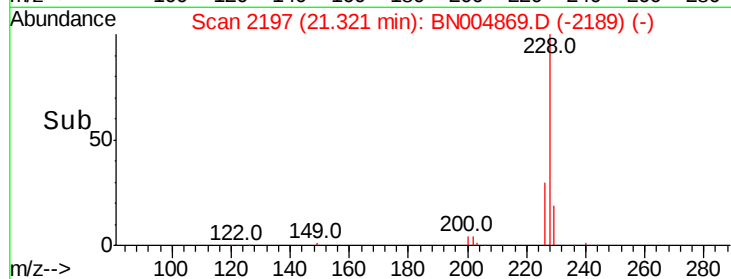
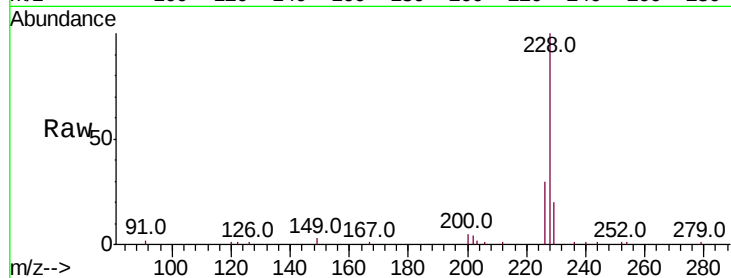
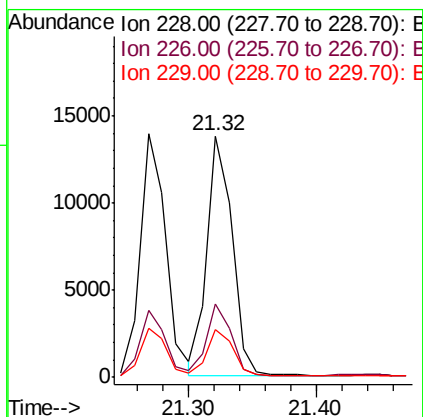
BNA_N

ClientSampleId :

PST-028-B011-030619MS

Tot Ion:228 Resp: 18733

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.0	34.6
229	19.9	16.2	24.2



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.310 ng

RT: 21.18 min Scan# 2184

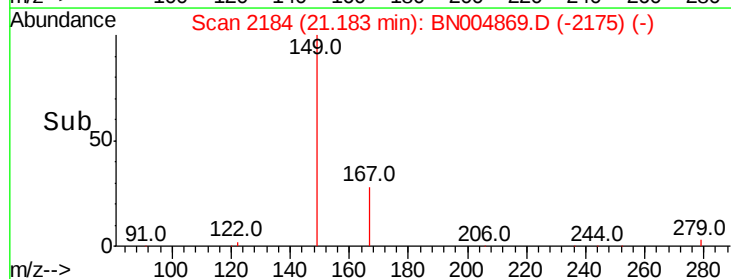
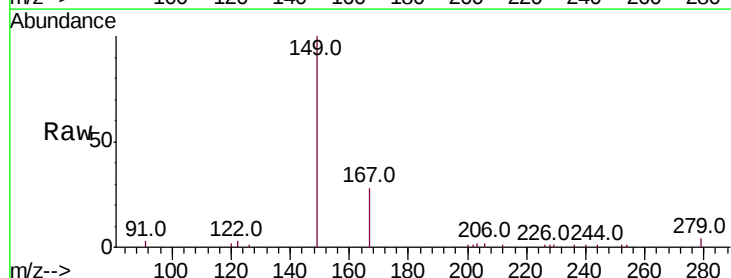
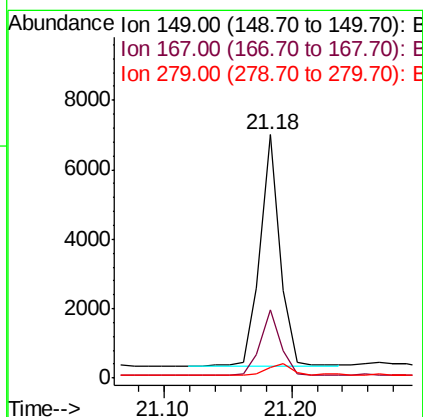
Delta R.T. -0.00 min

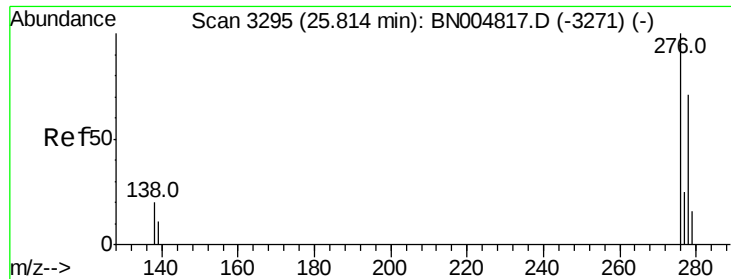
Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Tgt Ion:149 Resp: 7351

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.4
279	5.7	4.6	6.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.257 ng

RT: 25.81 min Scan# 3295

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

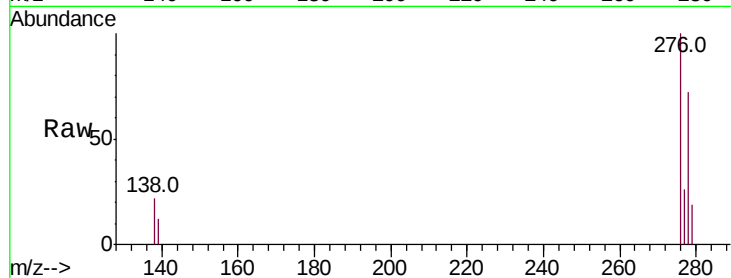
Tot Ion:276 Resp: 23268

Ion Ratio Lower Upper

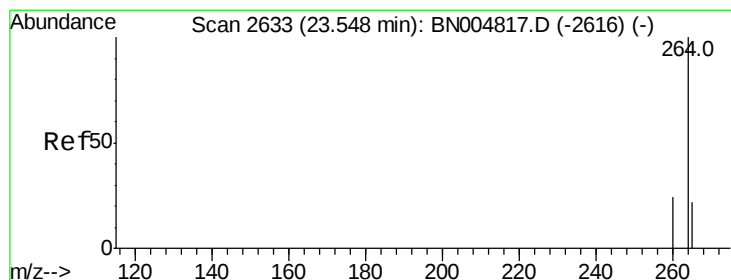
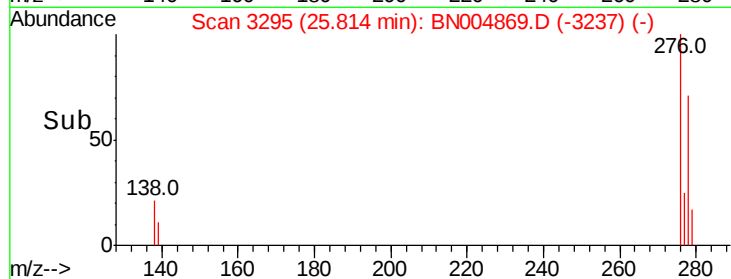
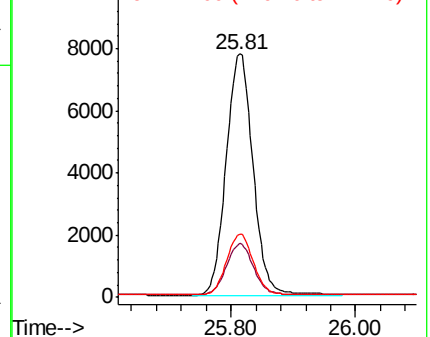
276 100

138 21.1 16.6 24.8

277 25.0 20.3 30.5



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: 23.54 min Scan# 2631

Delta R.T. -0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

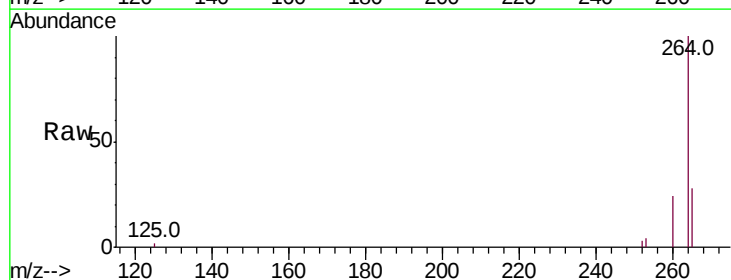
Tgt Ion:264 Resp: 19842

Ion Ratio Lower Upper

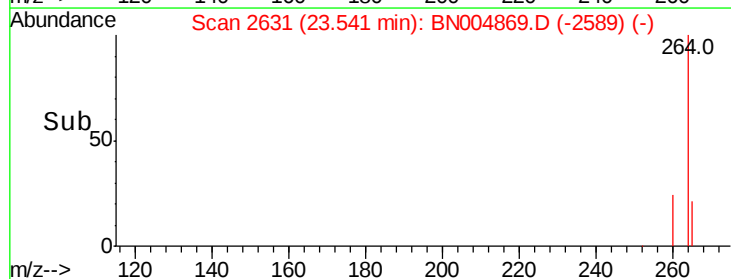
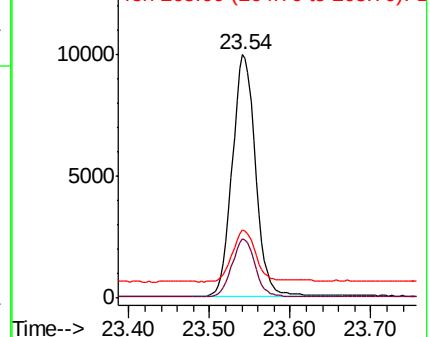
264 100

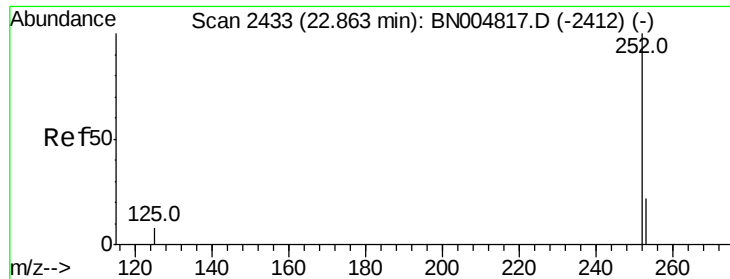
260 24.1 19.5 29.3

265 27.9 23.1 34.7



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: 0.280 ng

RT: 22.91 min Scan# 2446

Delta R.T. 0.04 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

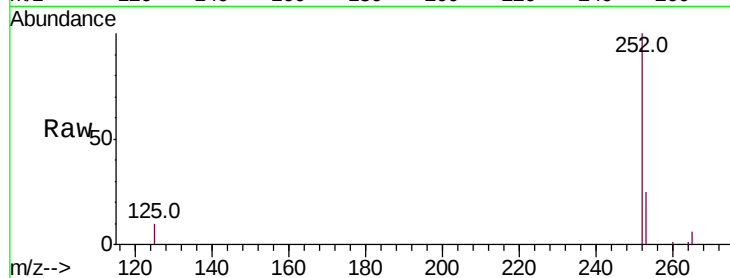
Tot Ion:252 Resp: 20088

Ion Ratio Lower Upper

252 100

253 25.1 19.0 28.4

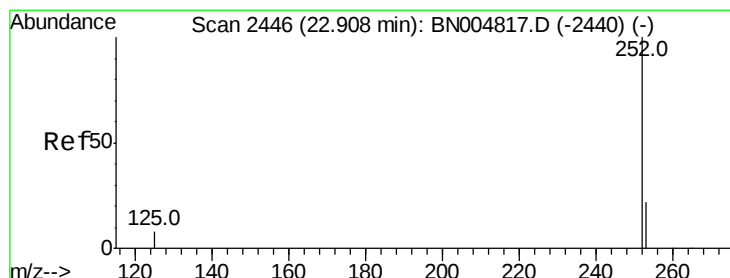
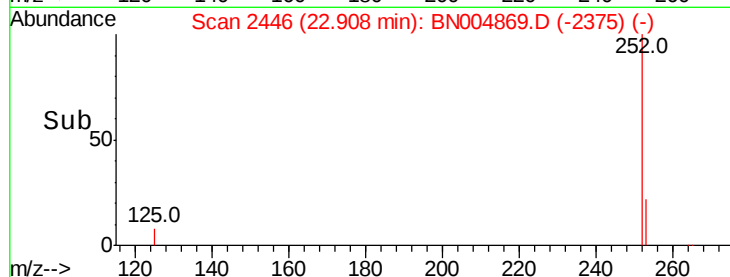
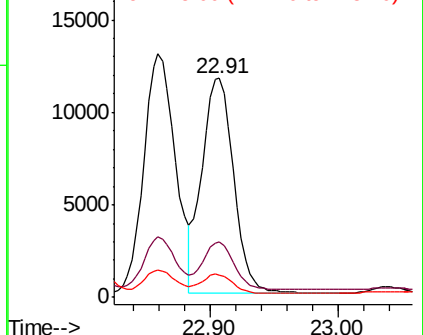
125 10.2 7.4 11.2



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



#36

Benzo(k)fluoranthene

Concen: 0.288 ng

RT: 22.91 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

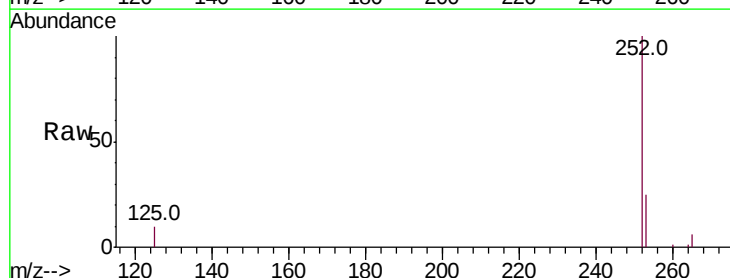
Tgt Ion:252 Resp: 20315

Ion Ratio Lower Upper

252 100

253 25.1 19.3 28.9

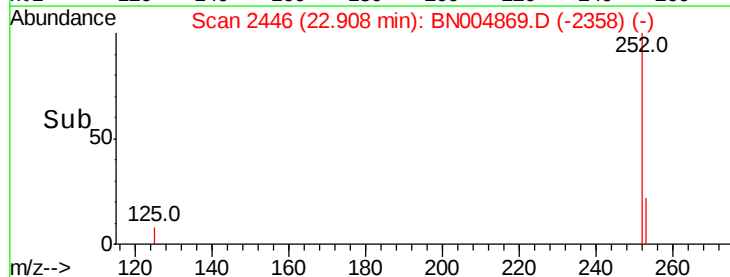
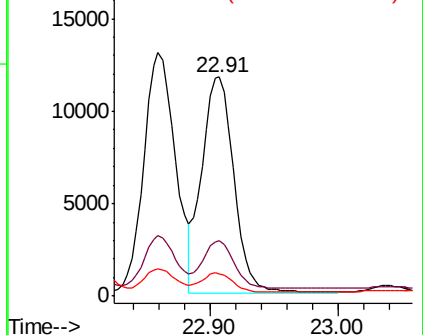
125 10.2 7.4 11.0

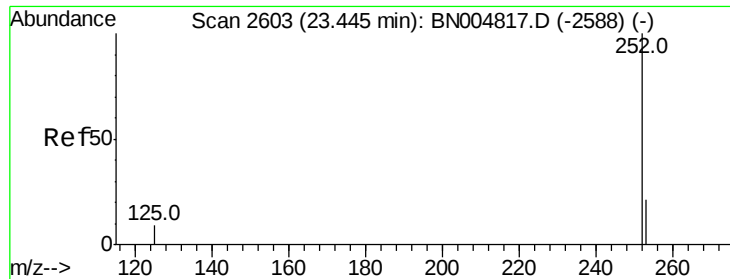


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.309 ng

RT: 23.44 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

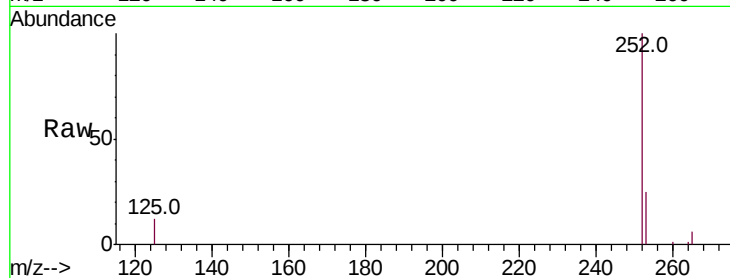
Tot Ion:252 Resp: 20373

Ion Ratio Lower Upper

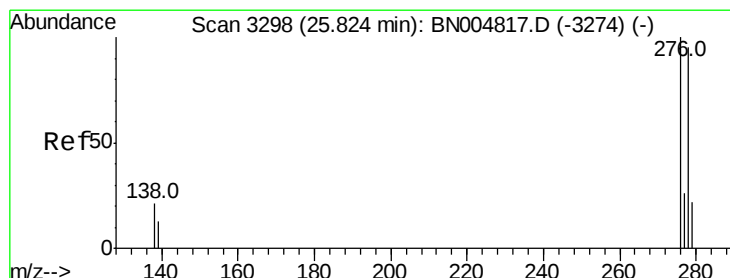
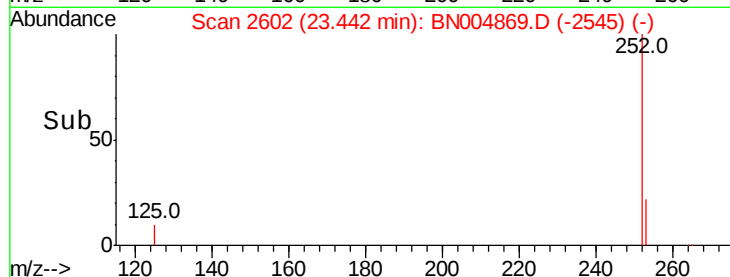
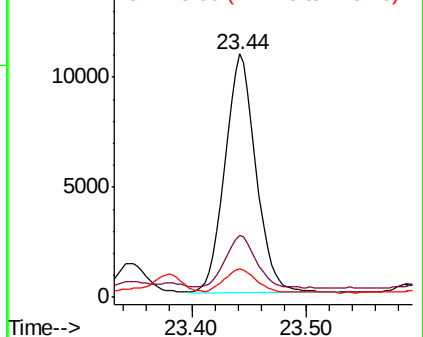
252 100

253 25.2 19.7 29.5

125 11.9 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
15000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.235 ng

RT: 25.82 min Scan# 3297

Delta R.T. -0.00 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

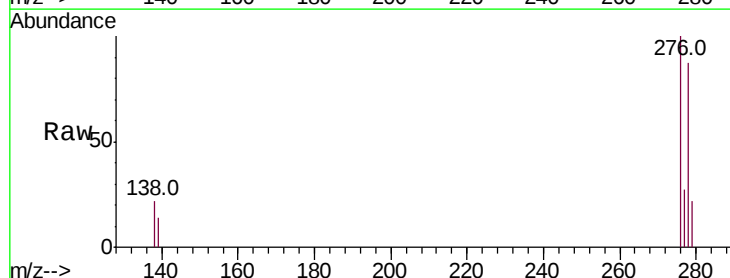
Tgt Ion:278 Resp: 17893

Ion Ratio Lower Upper

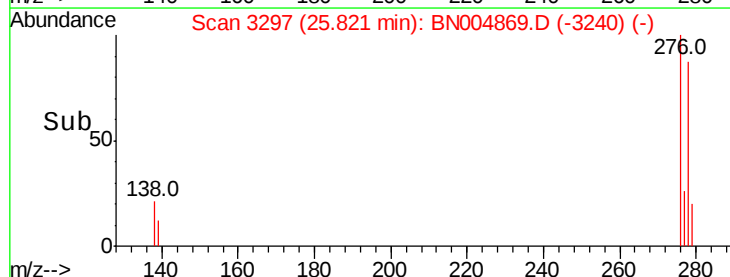
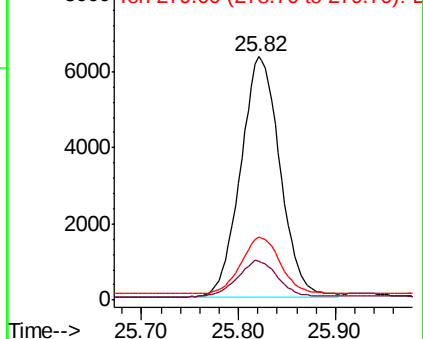
278 100

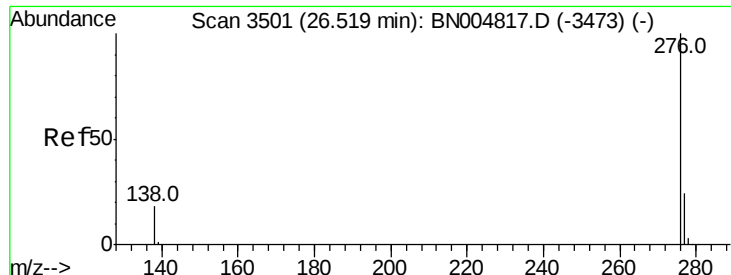
139 15.9 11.7 17.5

279 25.9 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E
8000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.260 ng

RT: 26.51 min Scan# 3499

Delta R.T. -0.01 min

Lab File: BN004869.D

Acq: 22 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PST-028-B011-030619MS

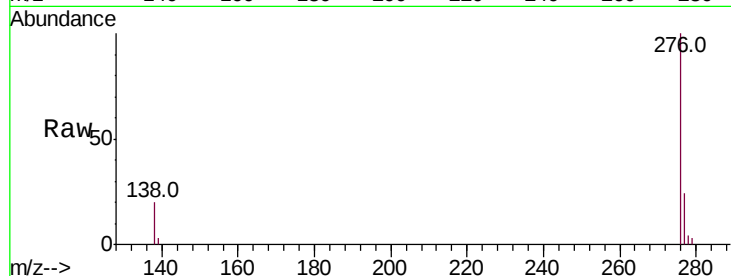
Tot Ion:276 Resp: 20215

Ion Ratio Lower Upper

276 100

277 24.3 19.7 29.5

138 19.7 14.6 22.0



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

