

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
 Data File : BN004951.D
 Acq On : 24 Mar 2019 22:18
 Operator : JU/SJ
 Sample : K2014-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-026-B026-031919

Quant Time: Mar 25 02:58:40 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	7.68	152	3314	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	12703	0.40	ng	-0.03
13) Acenaphthene-d10	14.32	164	6587	0.40	ng	-0.02
19) Phenanthrene-d10	17.08	188	13907	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	16589	0.40	ng	-0.01
34) Perylene-d12	23.52	264	18365	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.28	112	4668	0.52	ng	0.00
5) Phenol-d6	6.86	99	5652	0.50	ng	-0.02
8) Nitrobenzene-d5	8.84	82	4528	0.54	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	9156	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	15.83	330	2102	0.46	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	12966	0.48	ng	-0.02
25) Fluoranthene-d10	19.12	212	18205	0.39	ng	-0.01
29) Terphenyl-d14	19.71	244	13659	0.40	ng	-0.01

Target Compounds

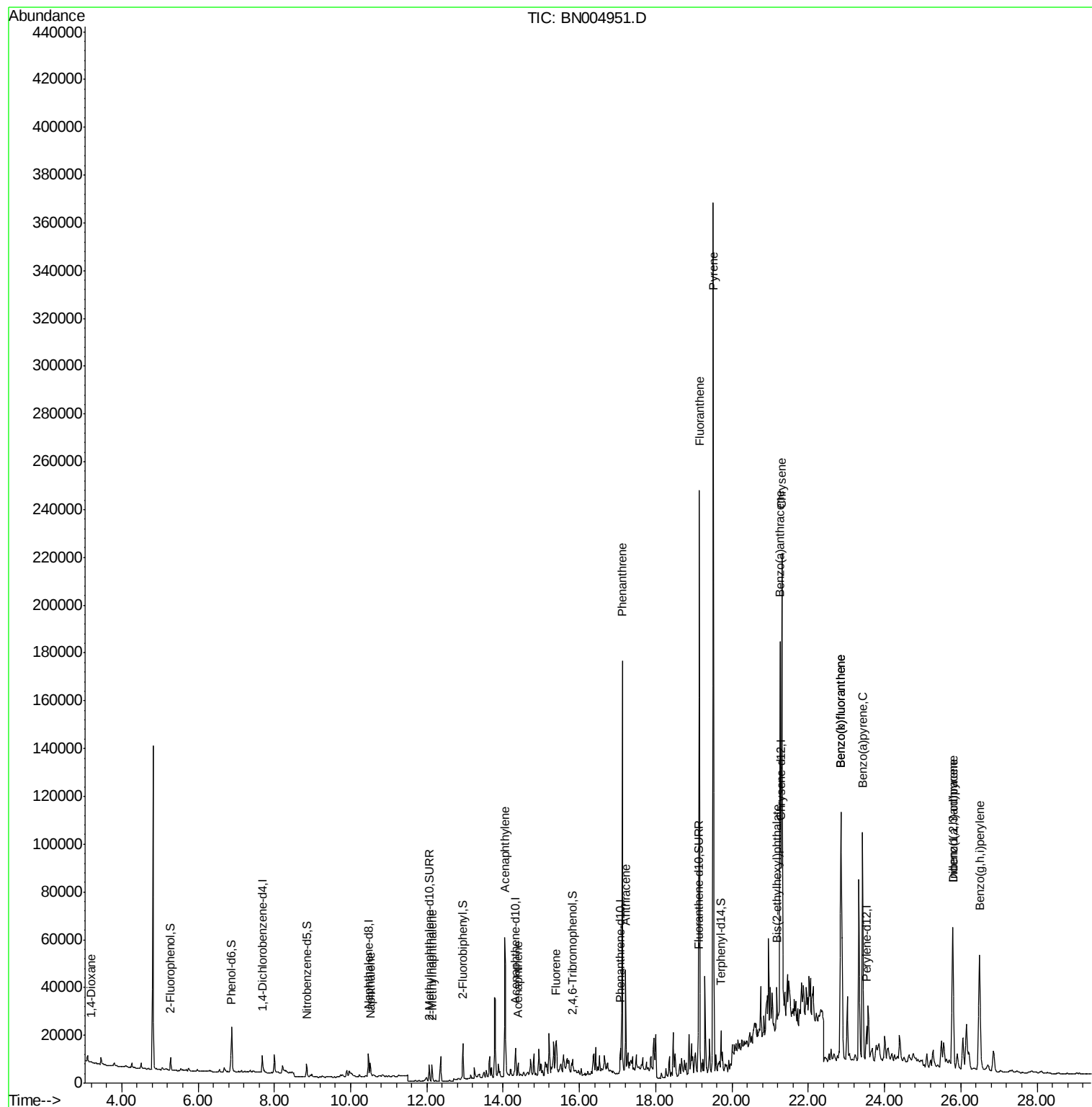
						Qvalue
2) 1,4-Dioxane	3.21	88	163	0.043	ng	# 1
9) Naphthalene	10.52	128	6724	0.189	ng	97
12) 2-Methylnaphthalene	12.14	142	5237	0.198	ng	98
16) Acenaphthylene	14.04	152	73914	2.179	ng	99
17) Acenaphthene	14.39	154	3432	0.154	ng	# 90
18) Fluorene	15.38	166	13678	0.441	ng	# 9
23) Phenanthrene	17.12	178	178247	3.969	ng	99
24) Anthracene	17.21	178	48083	1.199	ng	98
26) Fluoranthene	19.15	202	211484	3.665	ng	97
28) Pyrene	19.51	202	324888	6.423	ng	97
30) Benzo(a)anthracene	21.26	228	130526	2.399	ng	92
31) Chrysene	21.31	228	176975	3.088	ng	95
32) Bis(2-ethylhexyl)phthalate	21.17	149	9169	0.422	ng	98
33) Indeno(1,2,3-cd)pyrene	25.79	276	88184	1.064	ng	99
35) Benzo(b)fluoranthene	22.85	252	156159	2.351	ng	# 82
36) Benzo(k)fluoranthene	22.85	252	156159	2.389	ng	# 83
37) Benzo(a)pyrene	23.43	252	126511	2.076	ng	# 97
38) Dibenzo(a,h)anthracene	25.79	278	27093	0.384	ng	# 65
39) Benzo(g,h,i)perylene	26.49	276	100913	1.403	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.68 min Scan# 578

Delta R.T. -0.02 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

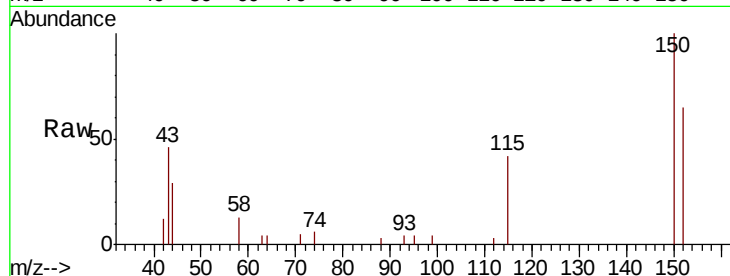
Tgt Ion: 152 Resp: 3314

Ion Ratio Lower Upper

152 100

150 153.0 126.2 189.4

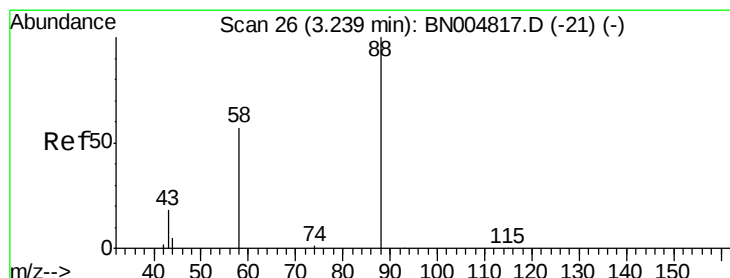
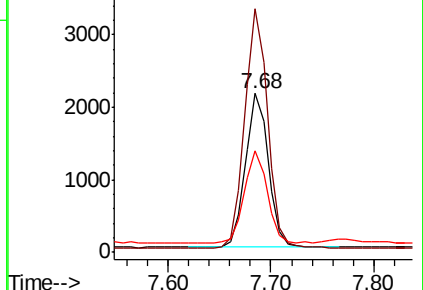
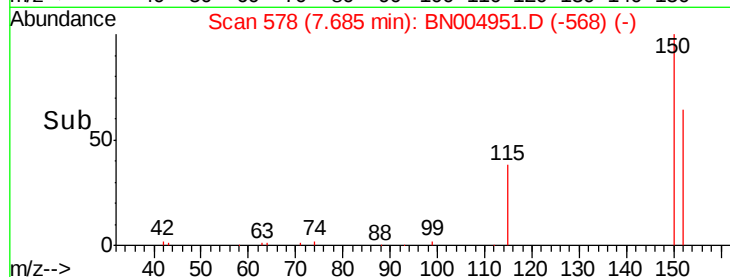
115 63.6 52.6 79.0



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: 0.043 ng

RT: 3.21 min Scan# 23

Delta R.T. -0.02 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

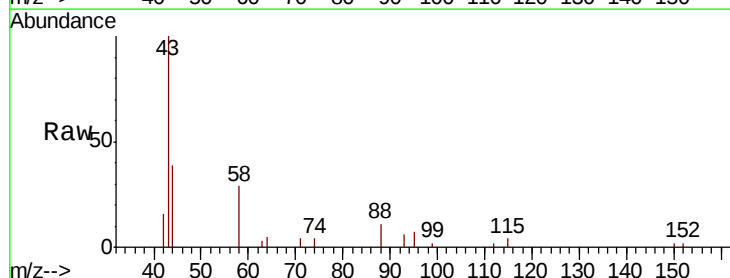
Tgt Ion: 88 Resp: 163

Ion Ratio Lower Upper

88 100

58 0.0 51.4 77.2#

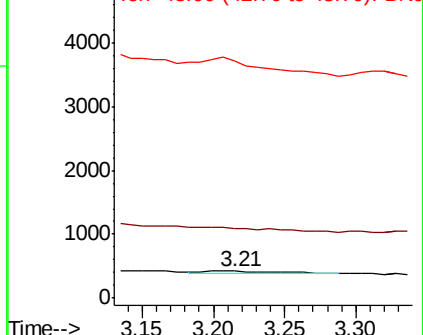
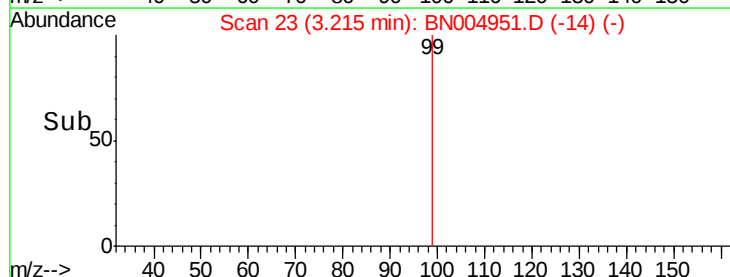
43 520.2 20.0 30.0#

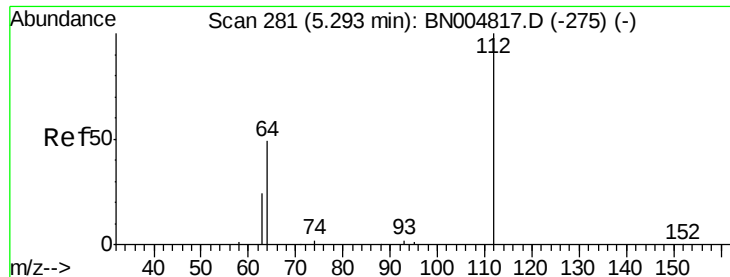


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.518 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

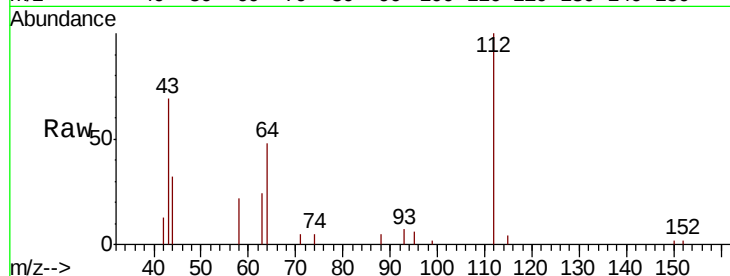
Tgt Ion: 112 Resp: 4668

Ion Ratio Lower Upper

112 100

64 51.9 40.0 60.0

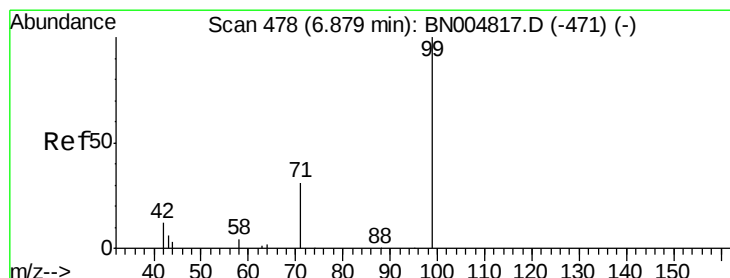
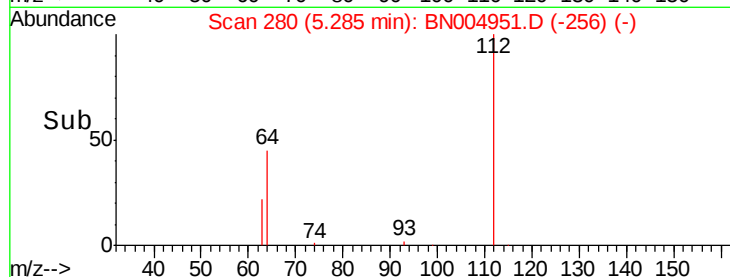
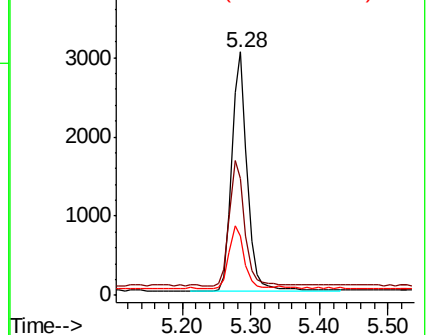
63 25.5 20.2 30.2



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: 0.504 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

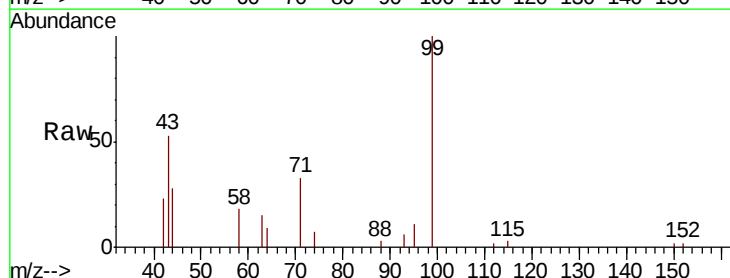
Tgt Ion: 99 Resp: 5652

Ion Ratio Lower Upper

99 100

42 34.9 12.7 19.1#

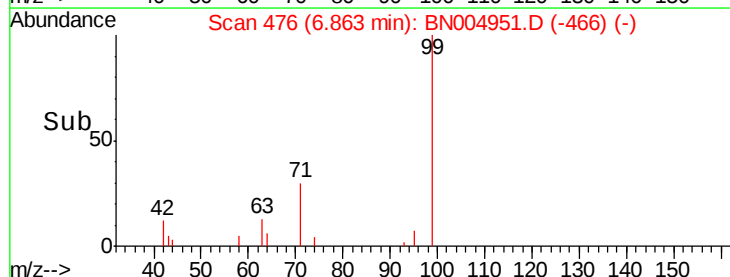
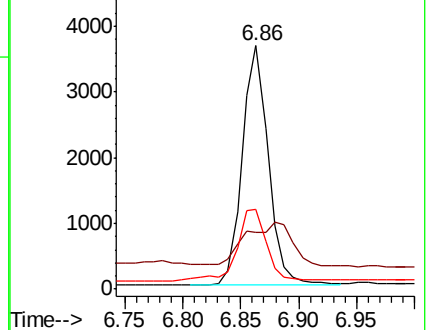
71 33.9 26.6 40.0

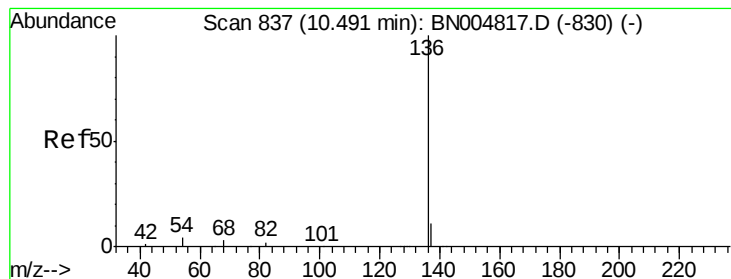


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.03 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

Tgt Ion:136 Resp: 12703

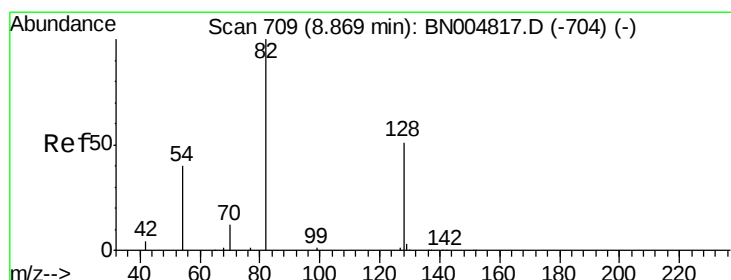
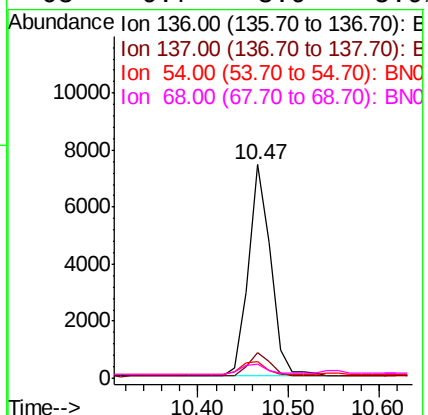
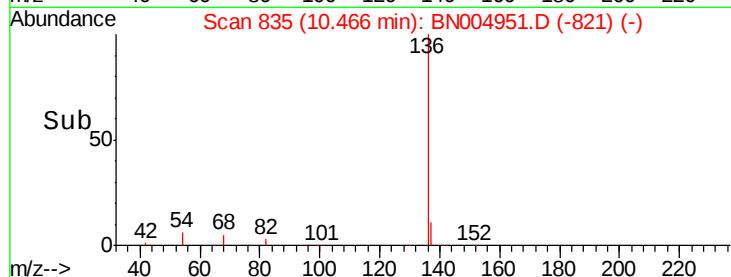
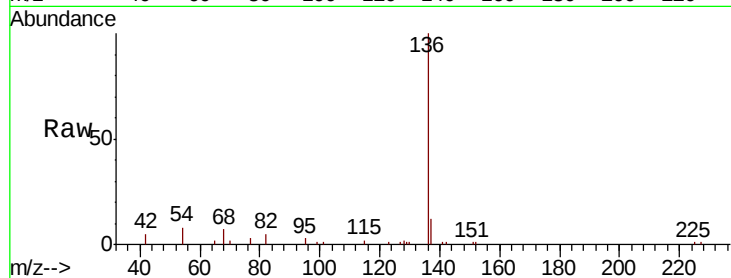
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 7.5 4.2 6.2#

68 6.7 3.9 5.9#



#8

Nitrobenzene-d5

Concen: 0.539 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

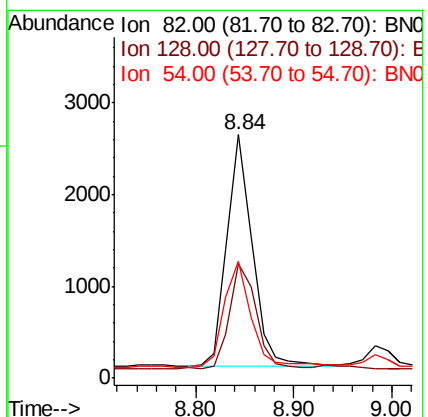
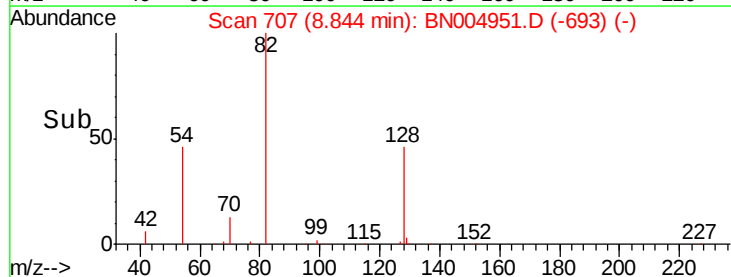
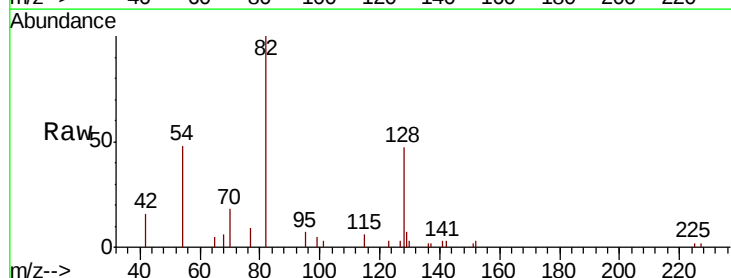
Tgt Ion: 82 Resp: 4528

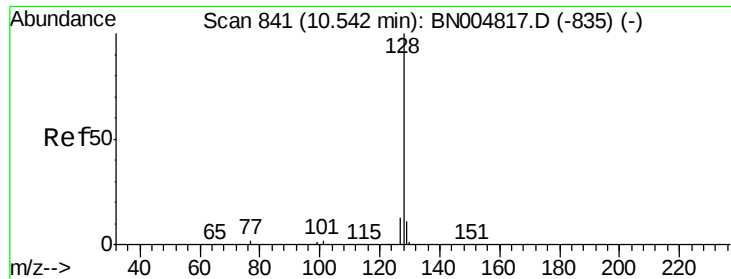
Ion Ratio Lower Upper

82 100

128 47.0 43.0 64.6

54 48.1 35.3 52.9





#9

Naphthalene

Concen: 0.189 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

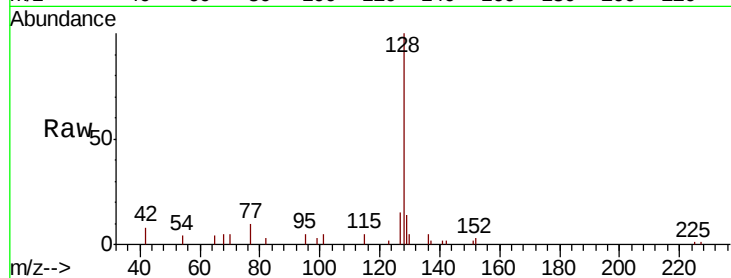
Tgt Ion:128 Resp: 6724

Ion Ratio Lower Upper

128 100

129 14.2 9.9 14.9

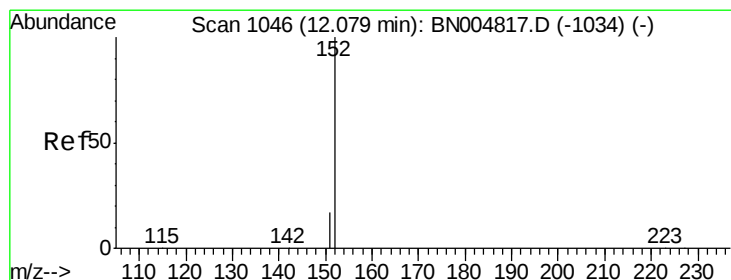
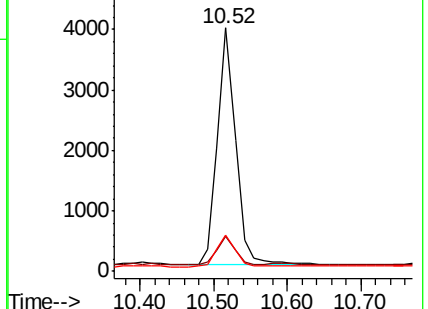
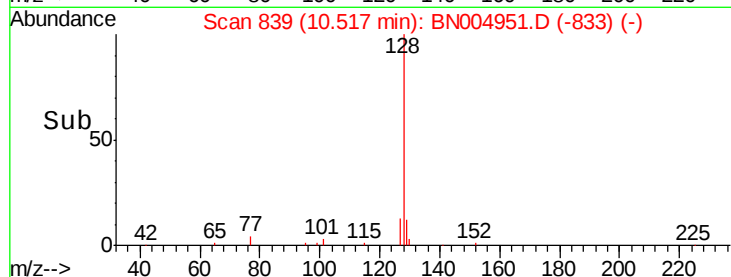
127 14.8 11.3 16.9



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



#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.06 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BN004951.D

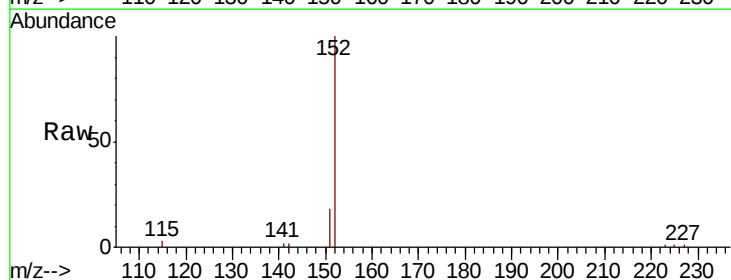
Acq: 24 Mar 2019 22:18

Tgt Ion:152 Resp: 9156

Ion Ratio Lower Upper

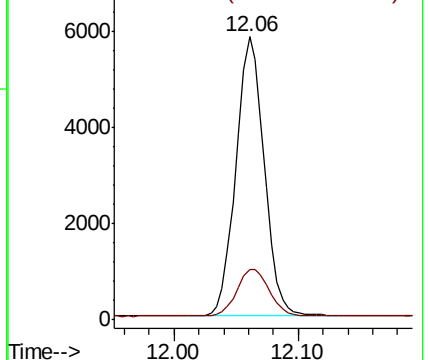
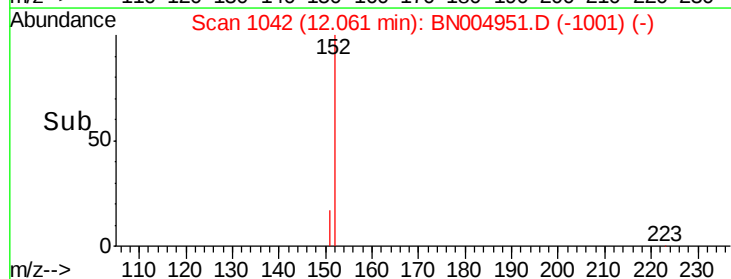
152 100

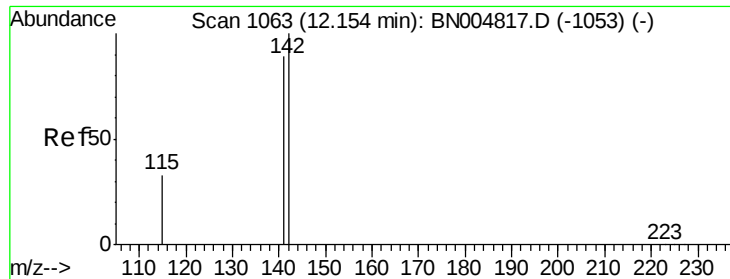
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

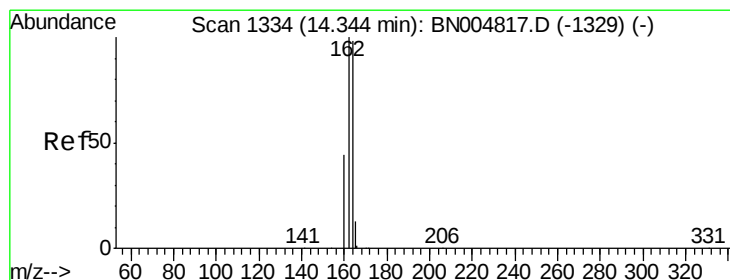
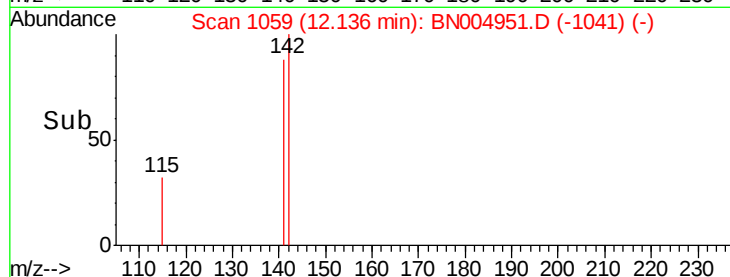
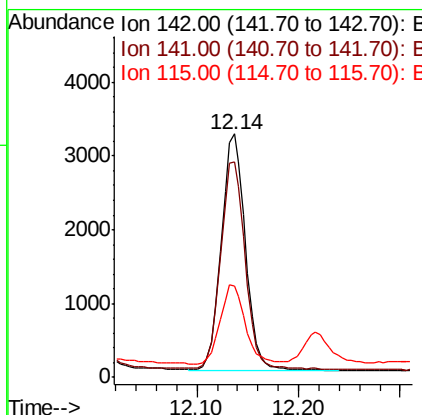
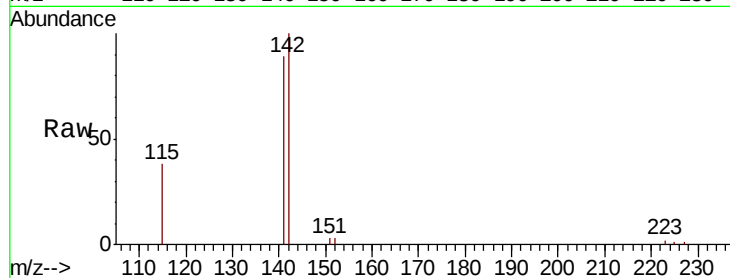




#12
2-Methylnaphthalene
Concen: 0.198 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004951.D
Acq: 24 Mar 2019 22:18

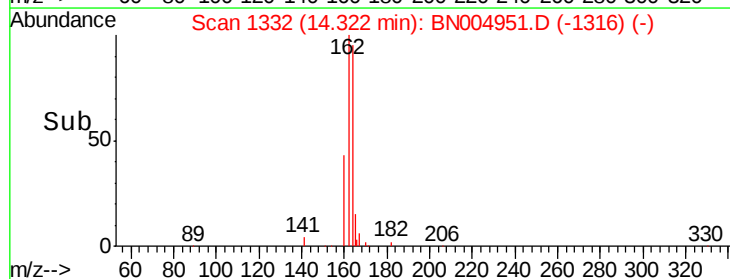
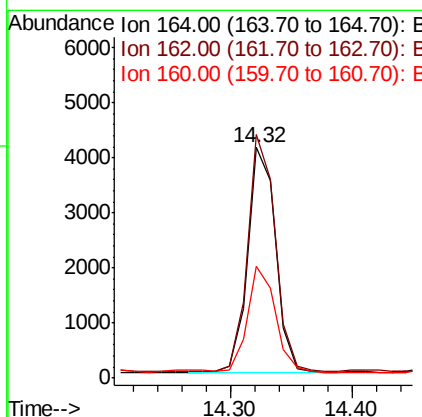
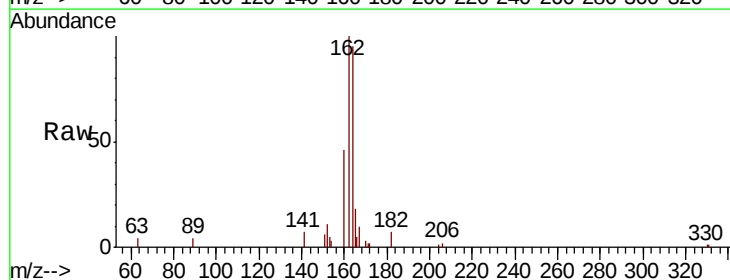
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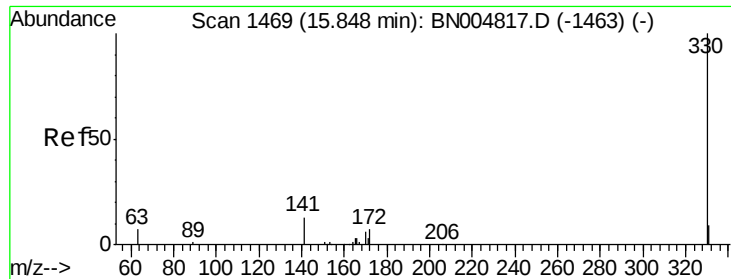
Tgt Ion:142 Resp: 5237
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 37.5 27.5 41.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004951.D
Acq: 24 Mar 2019 22:18

Tgt Ion:164 Resp: 6587
Ion Ratio Lower Upper
164 100
162 105.6 81.9 122.9
160 48.7 36.6 54.8

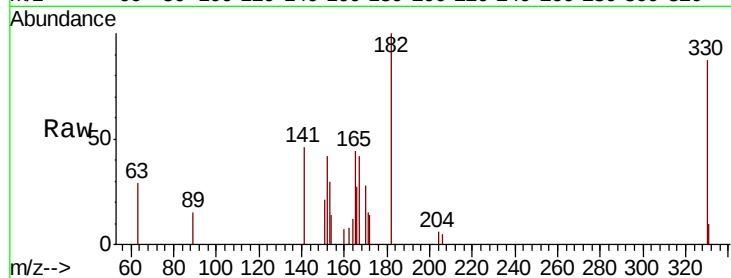




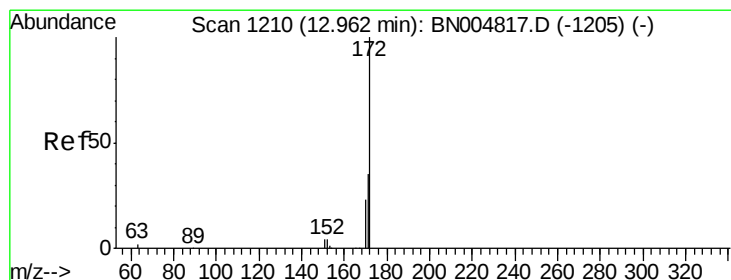
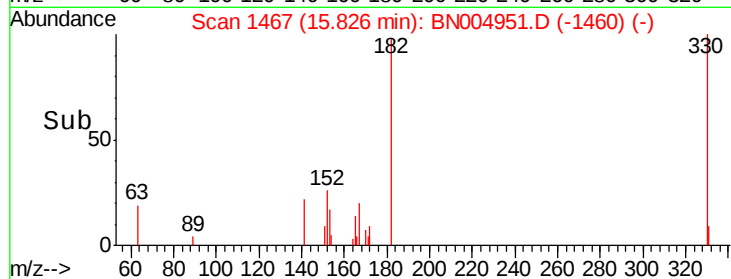
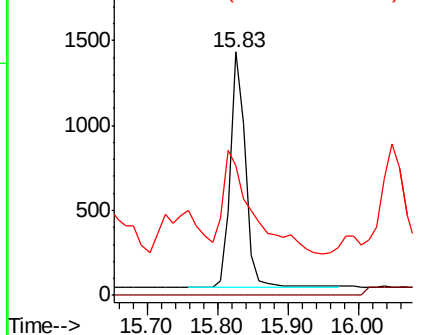
#14
 2,4,6-Tribromophenol
 Concen: 0.462 ng
 RT: 15.83 min Scan# 1467
 Delta R.T. -0.02 min
 Lab File: BN004951.D
 Acq: 24 Mar 2019 22:18

Instrument :
 BNA_N
 ClientSampleId :
 PST-026-B026-031919

Tgt Ion: 330 Resp: 2102
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 84.9 20.9 31.3#

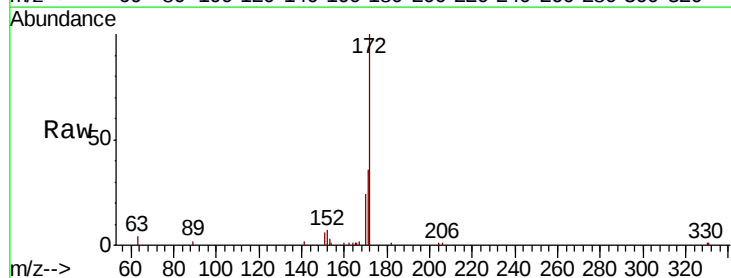


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

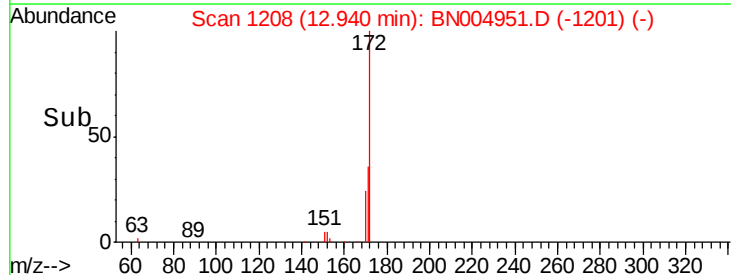
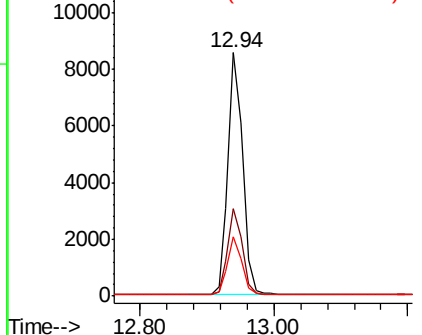


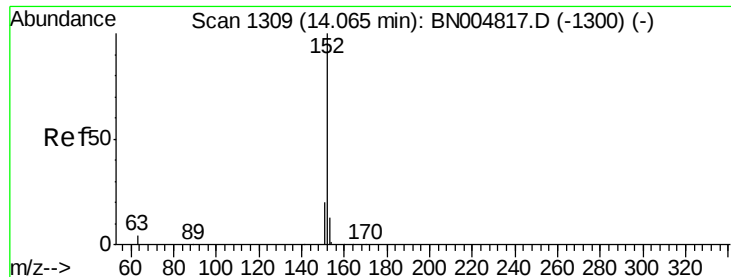
#15
 2-Fluorobiphenyl
 Concen: 0.476 ng
 RT: 12.94 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BN004951.D
 Acq: 24 Mar 2019 22:18

Tgt Ion: 172 Resp: 12966
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.7 43.1
 170 24.3 18.7 28.1



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: 2.179 ng

RT: 14.04 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

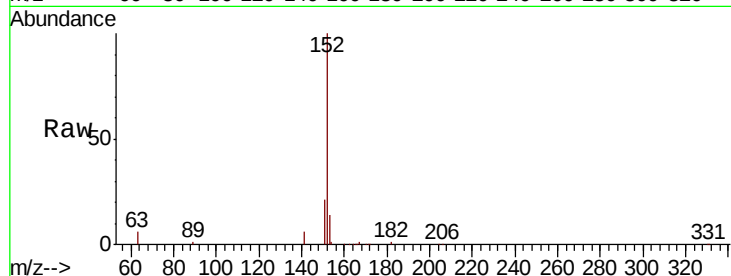
Tgt Ion:152 Resp: 73914

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

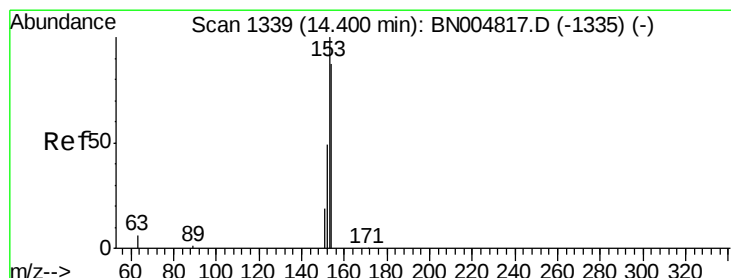
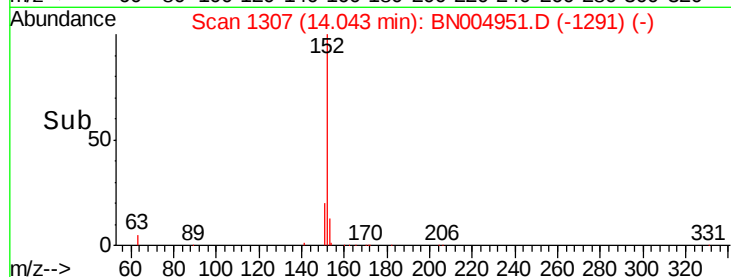
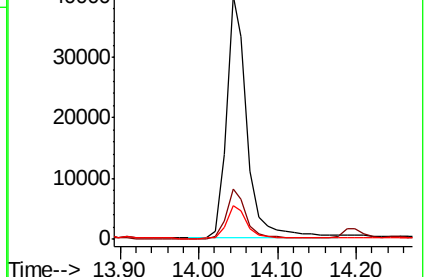
153 13.6 10.5 15.7



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: 0.154 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

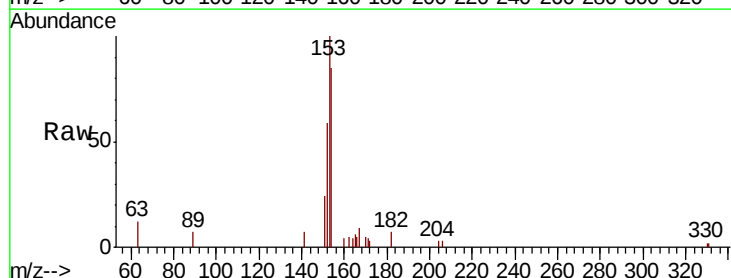
Tgt Ion:154 Resp: 3432

Ion Ratio Lower Upper

154 100

153 109.8 91.4 137.2

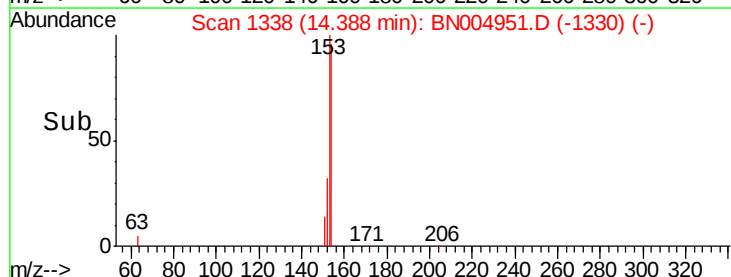
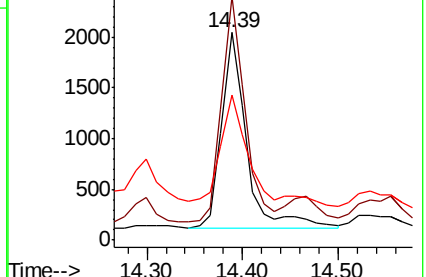
152 70.5 44.2 66.2#

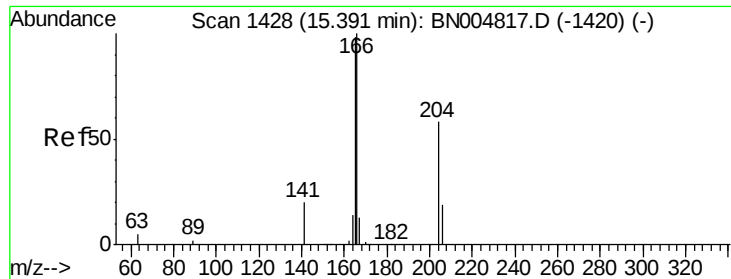


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.441 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

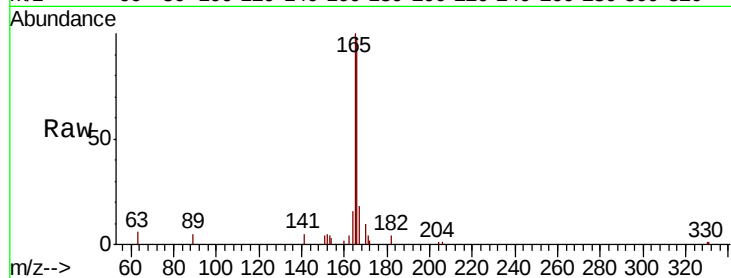
Tgt Ion:166 Resp: 13678

Ion Ratio Lower Upper

166 100

165 0.0 78.2 117.4#

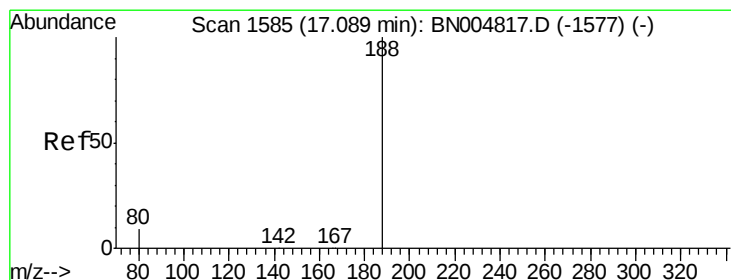
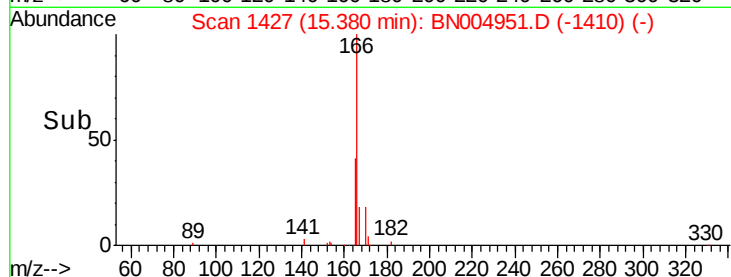
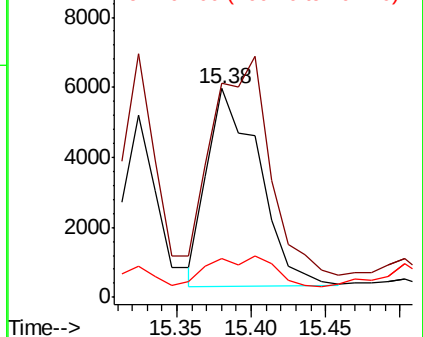
167 0.0 11.0 16.4#



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: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

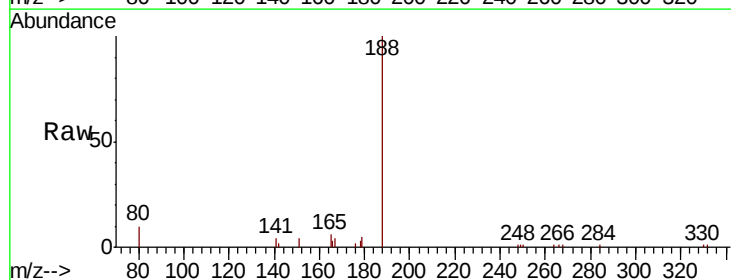
Tgt Ion:188 Resp: 13907

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

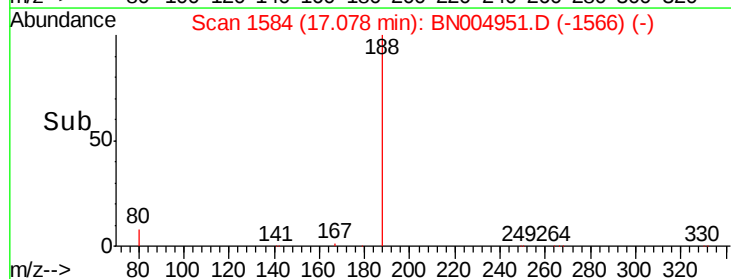
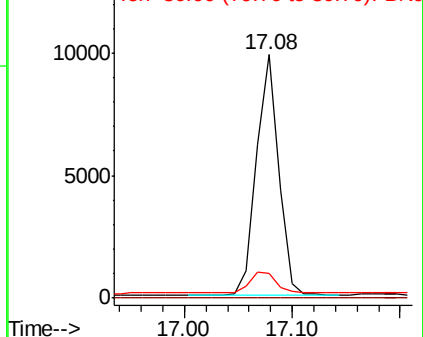
80 10.0 7.4 11.2

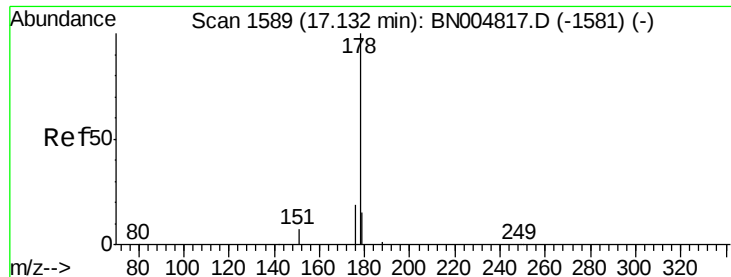


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 3.969 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

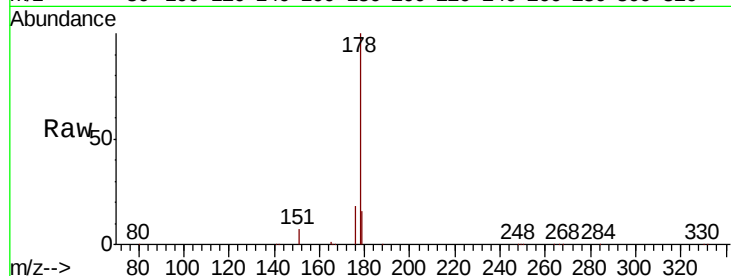
Instrument :

BNA_N

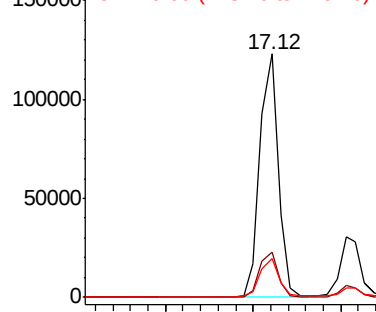
ClientSampleId :

PST-026-B026-031919

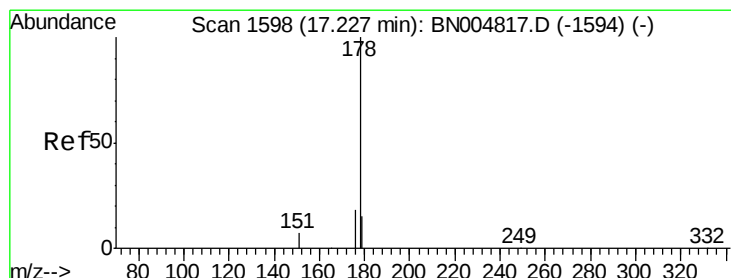
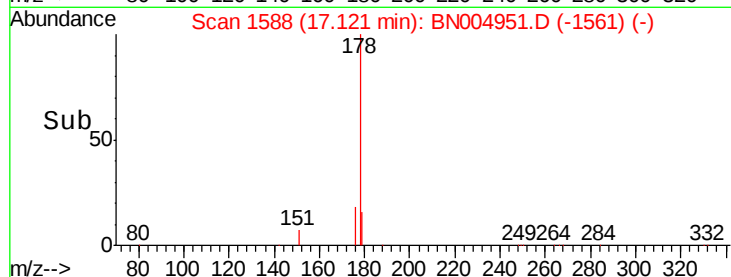
Tgt Ion:	178	Resp:	178247
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	16.0	12.1	18.1



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



Time-->



#24

Anthracene

Concen: 1.199 ng

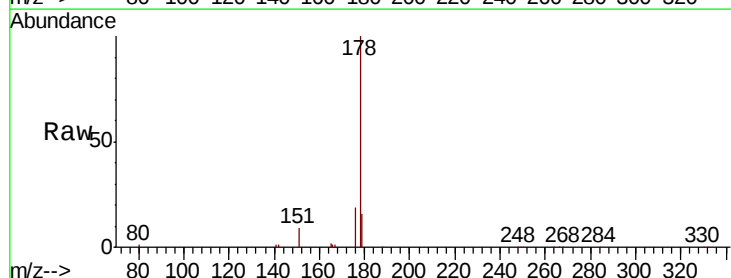
RT: 17.21 min Scan# 1596

Delta R.T. -0.02 min

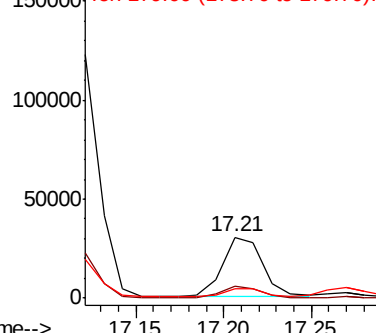
Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

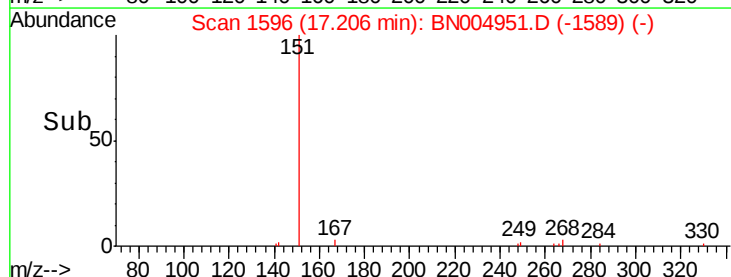
Tgt Ion:	178	Resp:	48083
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	13.6	12.2	18.4

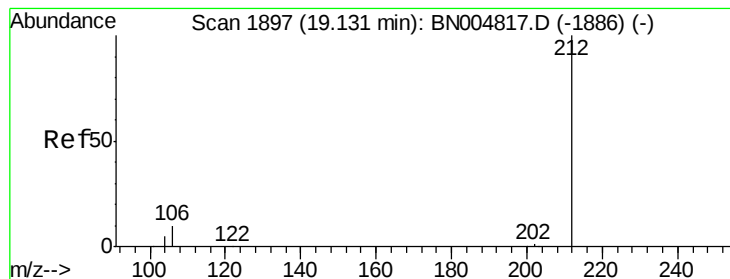


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.12 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

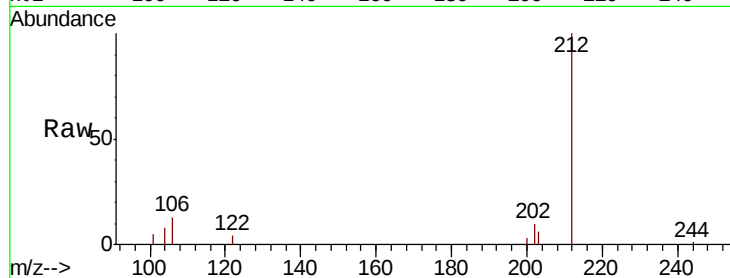
Tgt Ion:212 Resp: 18205

Ion Ratio Lower Upper

212 100

106 12.9 8.6 13.0

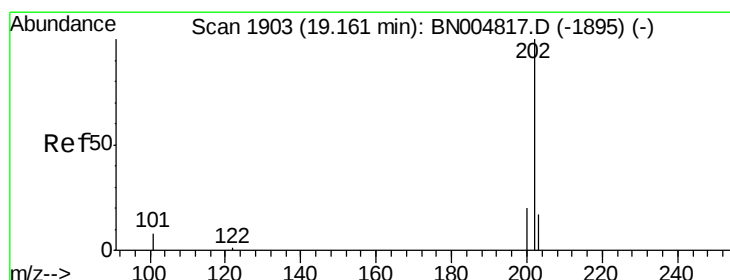
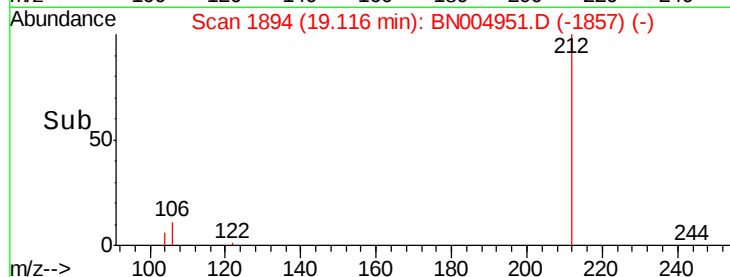
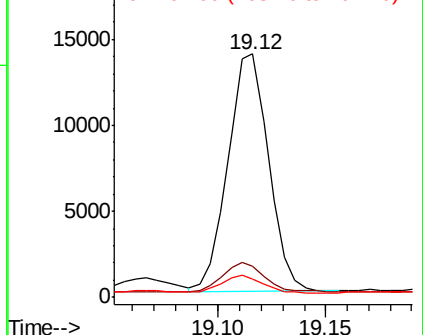
104 7.4 4.7 7.1#



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: 3.665 ng

RT: 19.15 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

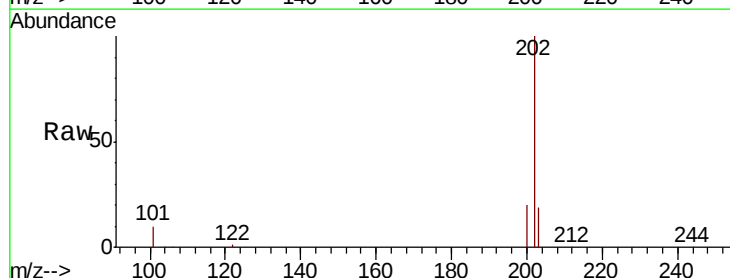
Tgt Ion:202 Resp: 211484

Ion Ratio Lower Upper

202 100

101 11.0 7.5 11.3

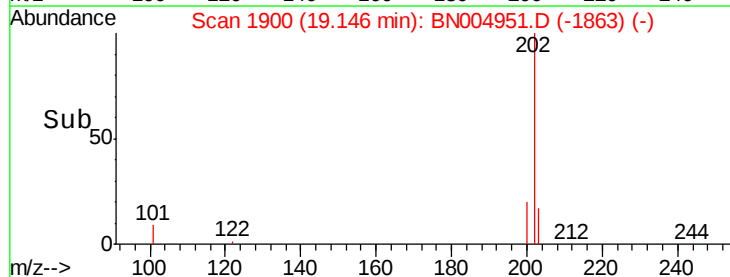
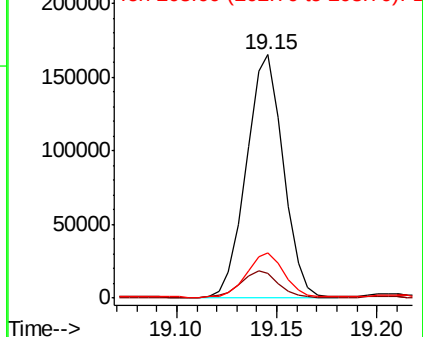
203 18.3 13.8 20.6

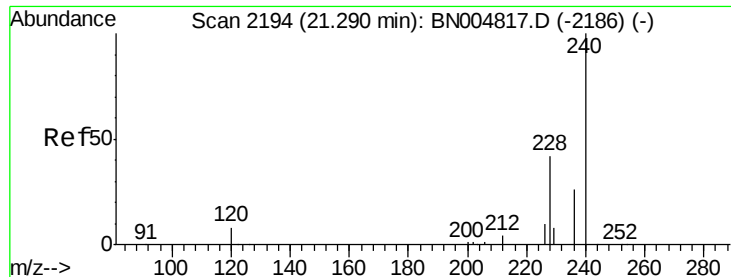


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

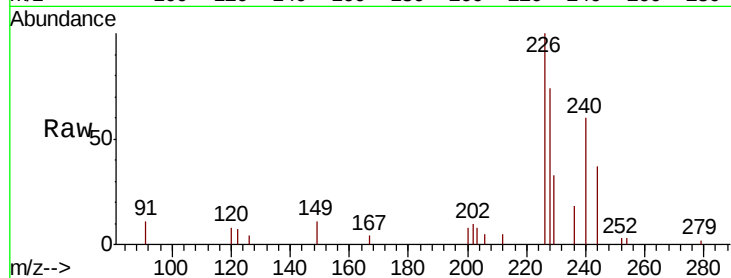
Tgt Ion:240 Resp: 16589

Ion Ratio Lower Upper

240 100

120 13.1 7.2 10.8#

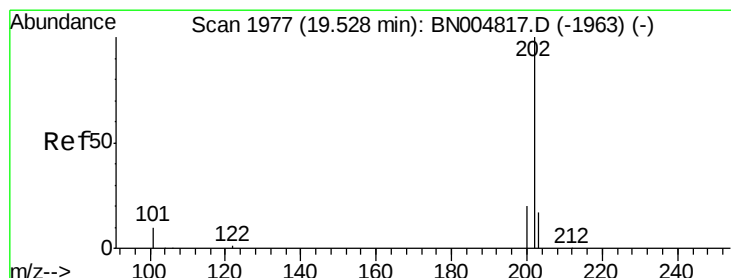
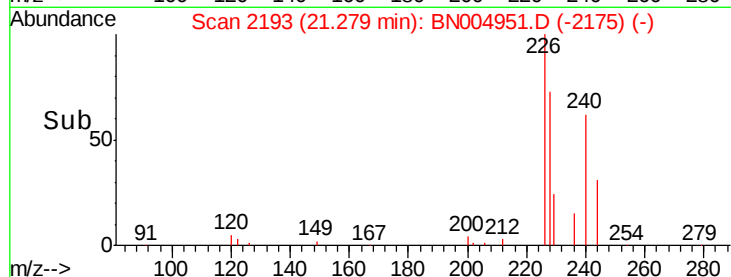
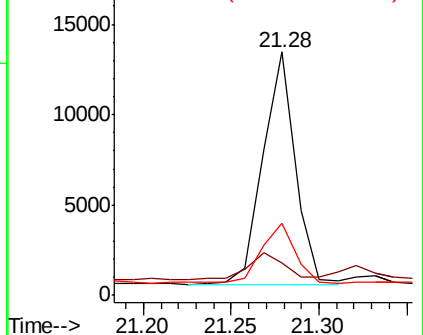
236 29.6 20.9 31.3



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: 6.423 ng

RT: 19.51 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

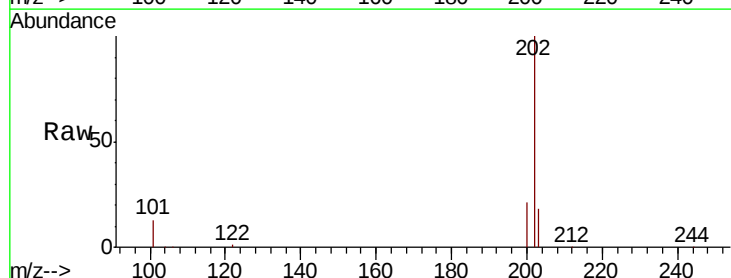
Tgt Ion:202 Resp: 324888

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

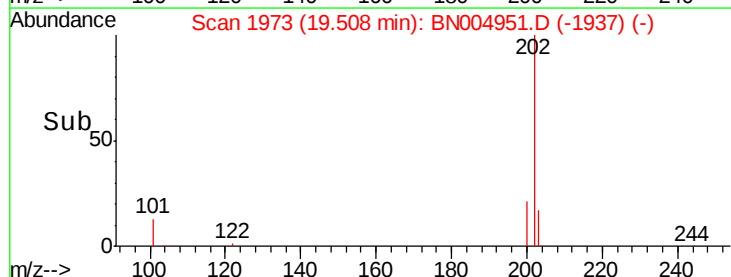
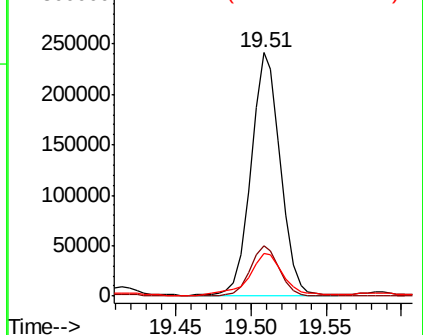
203 20.1 14.0 21.0

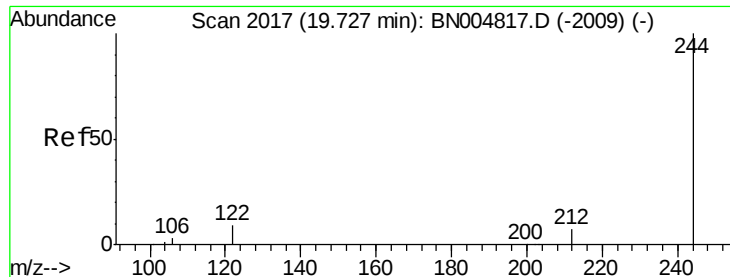


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.402 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

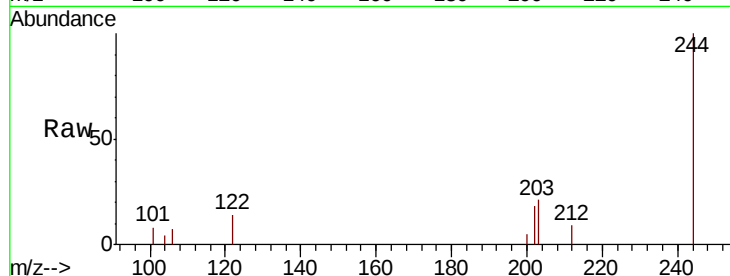
Tgt Ion:244 Resp: 13659

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.6#

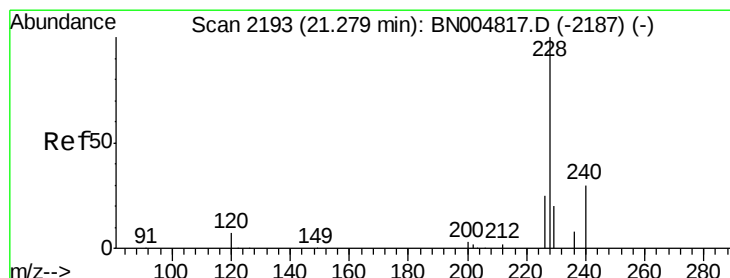
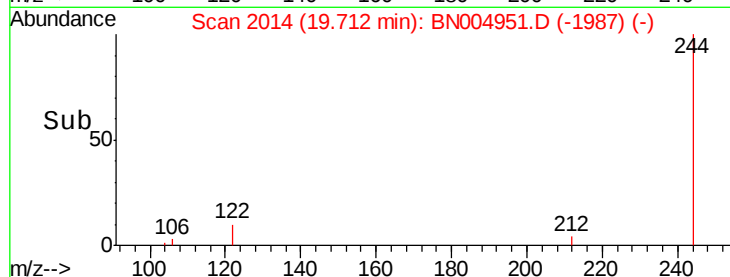
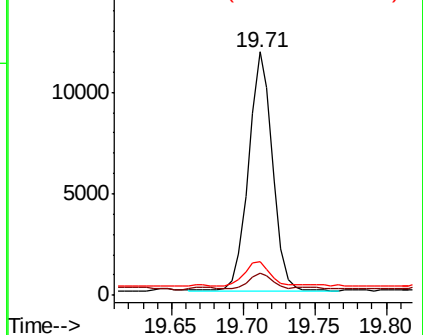
122 13.9 7.9 11.9#



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: 2.399 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

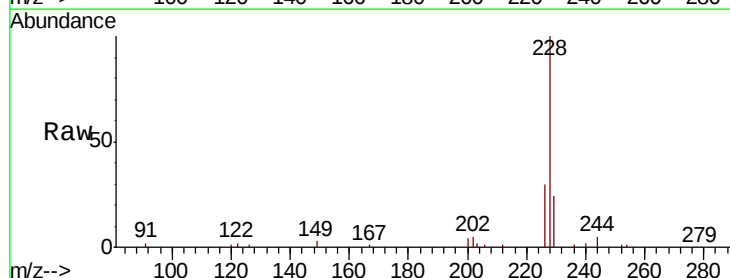
Tgt Ion:228 Resp: 130526

Ion Ratio Lower Upper

228 100

226 29.9 20.6 31.0

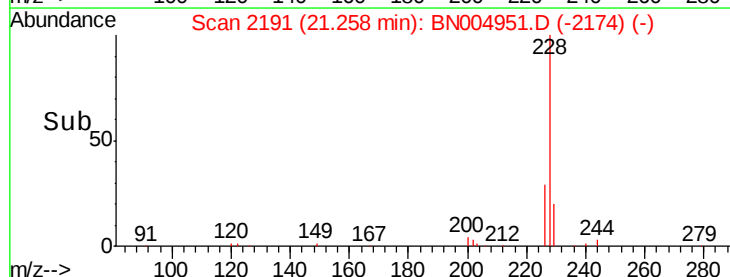
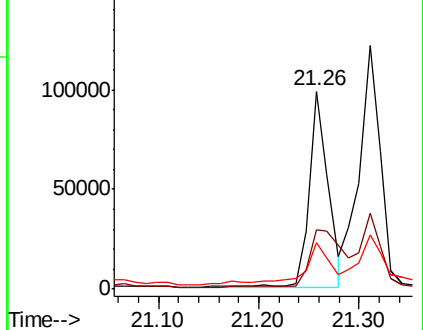
229 23.6 16.2 24.4

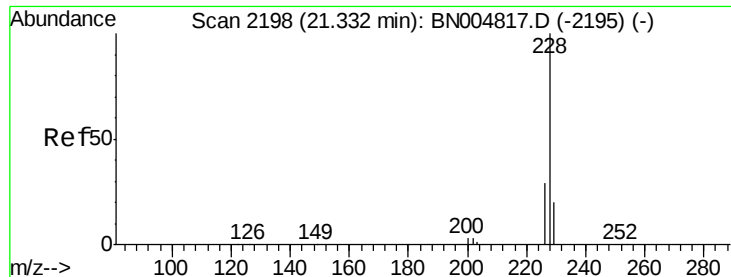


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.088 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

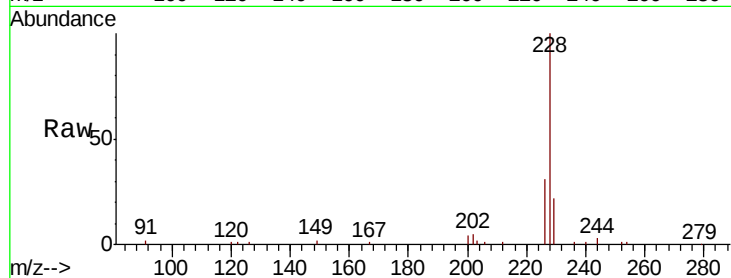
Tgt Ion:228 Resp: 176975

Ion Ratio Lower Upper

228 100

226 31.2 23.0 34.6

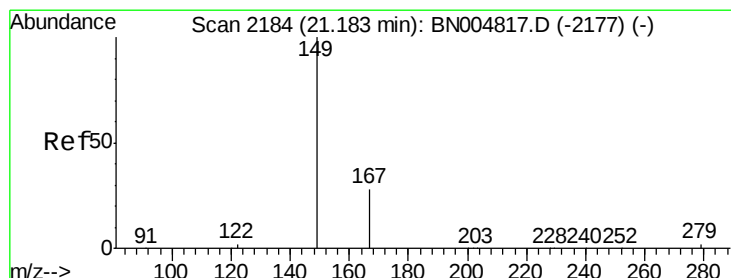
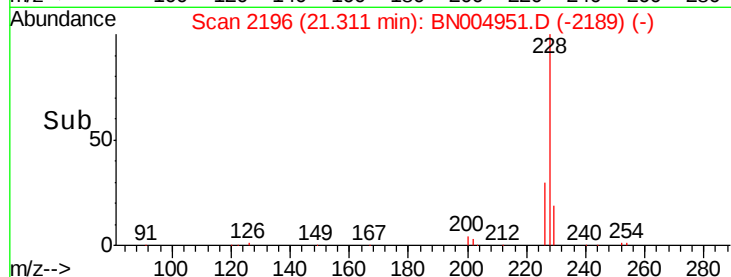
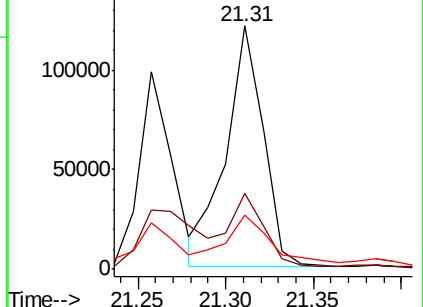
229 22.4 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.422 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

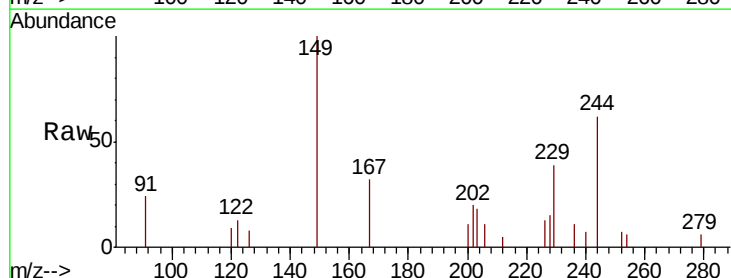
Tgt Ion:149 Resp: 9169

Ion Ratio Lower Upper

149 100

167 27.6 23.0 34.4

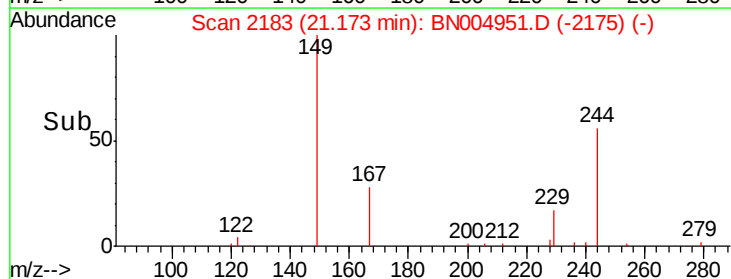
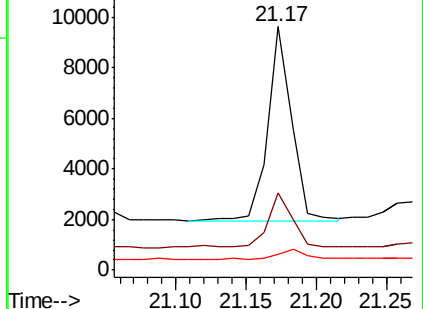
279 6.3 4.6 6.8

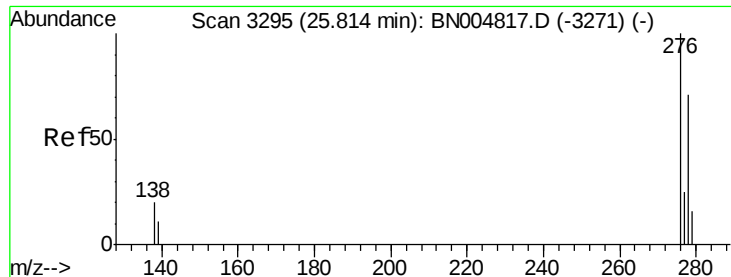


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.064 ng

RT: 25.79 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

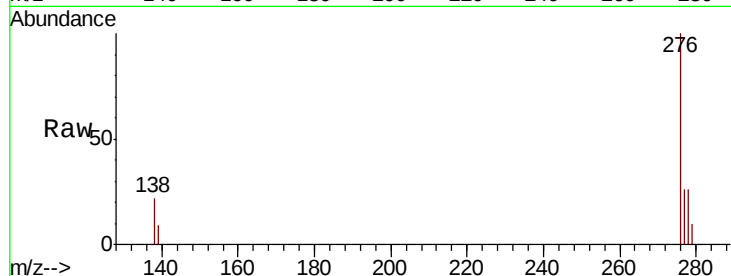
Tgt Ion:276 Resp: 88184

Ion Ratio Lower Upper

276 100

138 20.8 16.6 24.8

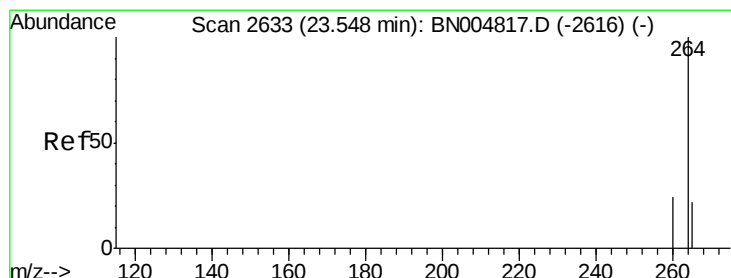
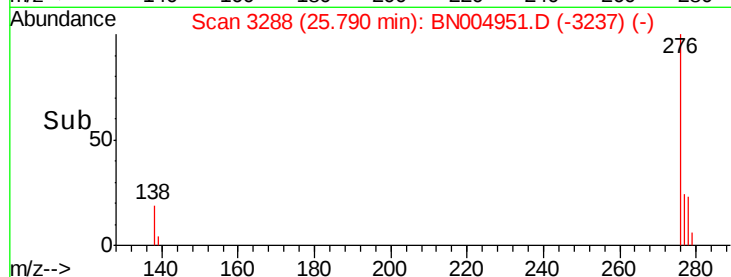
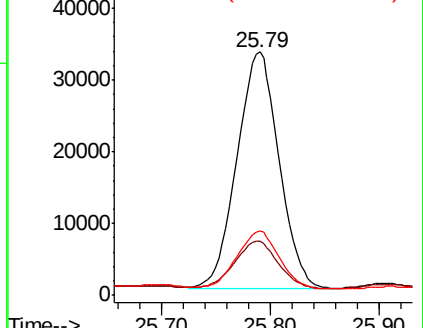
277 25.0 20.3 30.5



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: 23.52 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

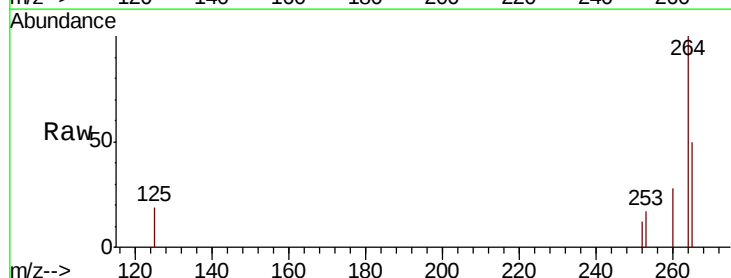
Tgt Ion:264 Resp: 18365

Ion Ratio Lower Upper

264 100

260 28.1 19.5 29.3

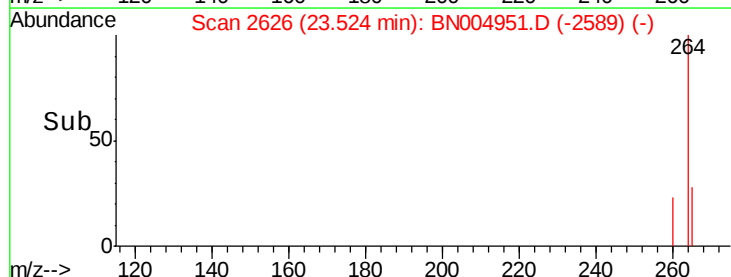
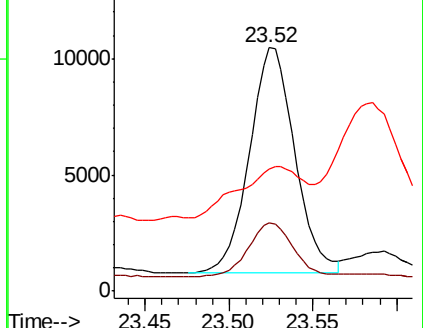
265 50.2 23.1 34.7#

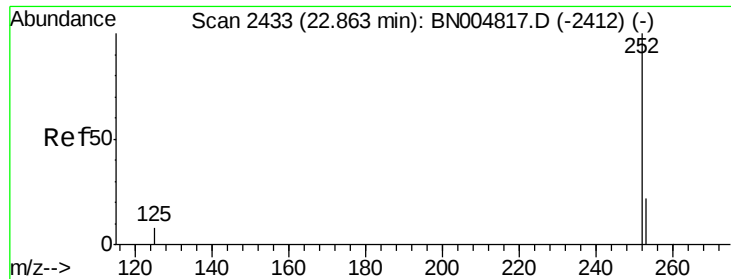


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 2.351 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

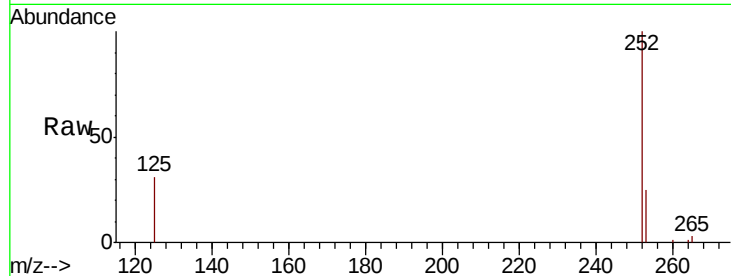
Tgt Ion:252 Resp: 156159

Ion Ratio Lower Upper

252 100

253 24.5 19.0 28.4

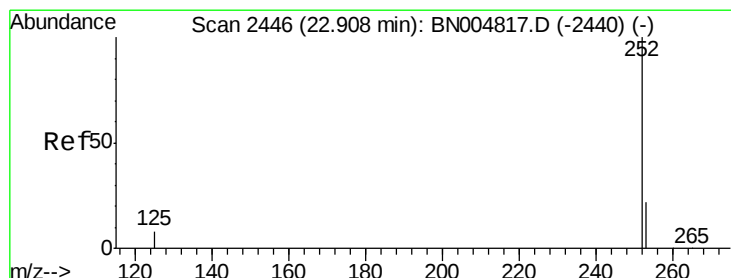
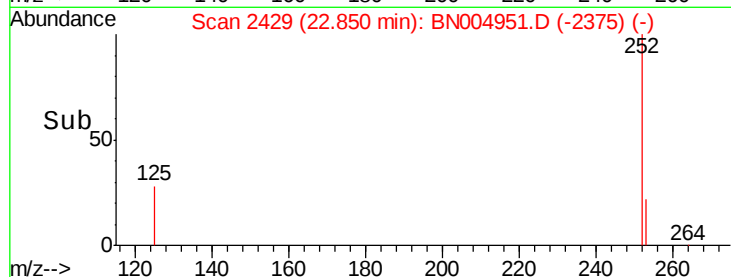
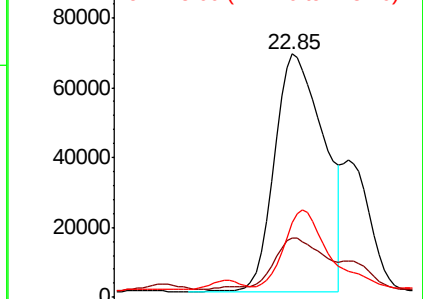
125 30.7 7.4 11.2#



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: 2.389 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.06 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

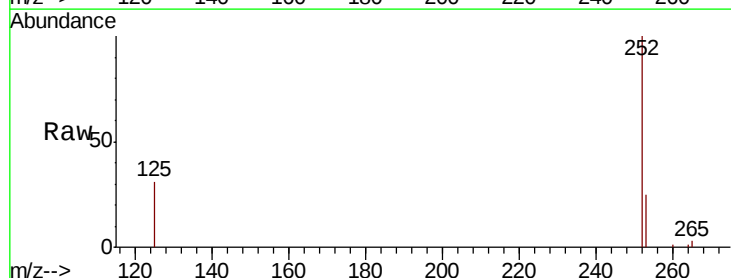
Tgt Ion:252 Resp: 156159

Ion Ratio Lower Upper

252 100

253 24.5 19.3 28.9

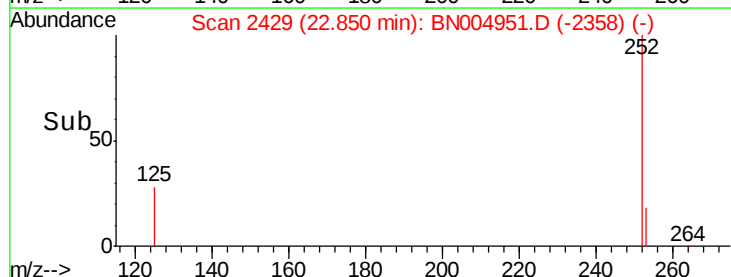
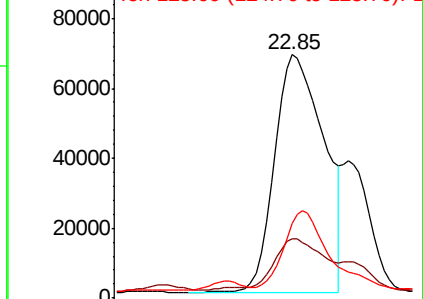
125 30.7 7.4 11.0#

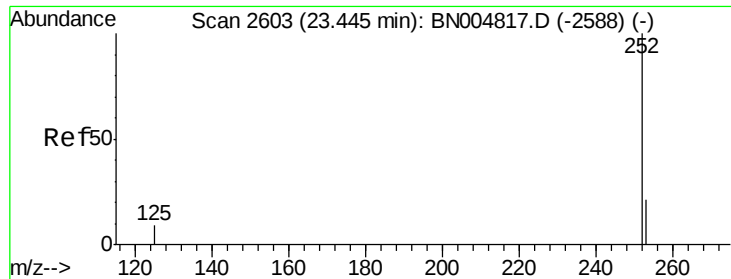


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 2.076 ng

RT: 23.43 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919

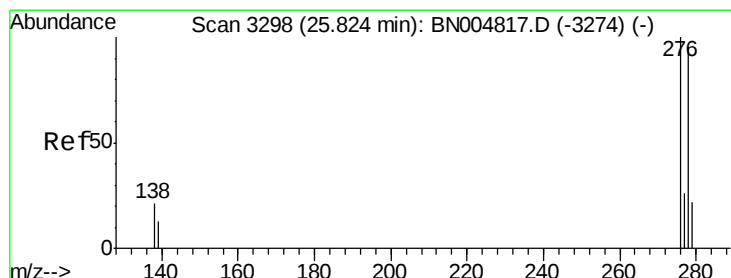
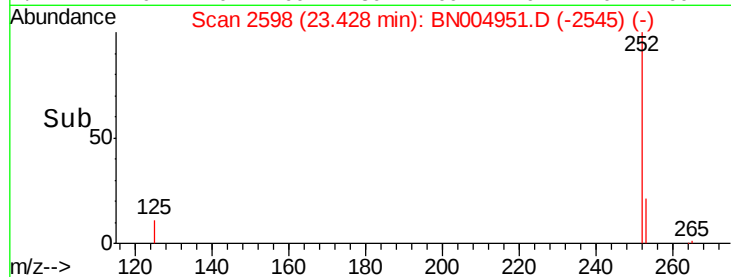
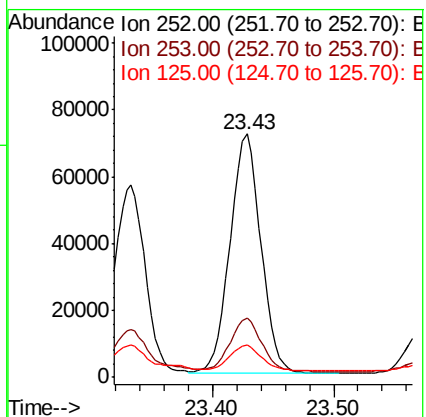
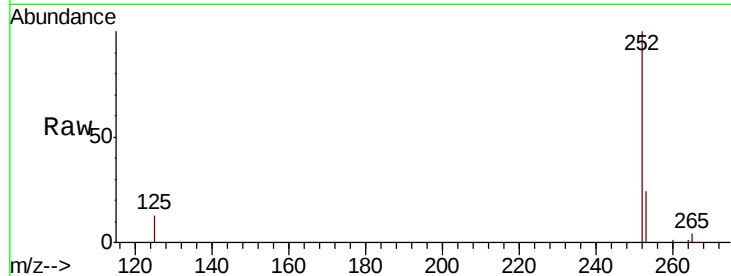
Tgt Ion:252 Resp: 126511

Ion Ratio Lower Upper

252 100

253 24.3 19.7 29.5

125 13.4 8.3 12.5#



#38

Dibenzo(a,h)anthracene

Concen: 0.384 ng

RT: 25.79 min Scan# 3289

Delta R.T. -0.03 min

Lab File: BN004951.D

Acq: 24 Mar 2019 22:18

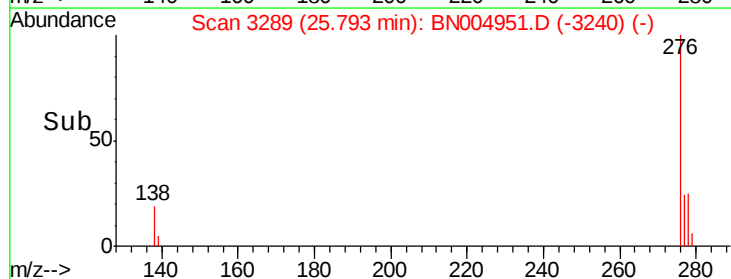
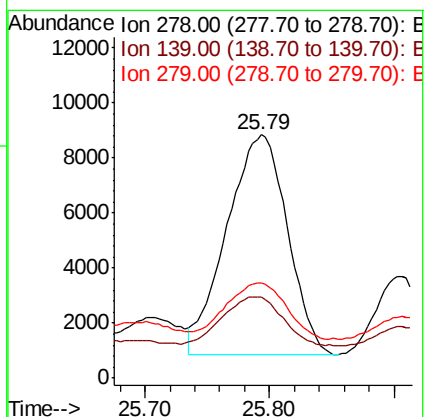
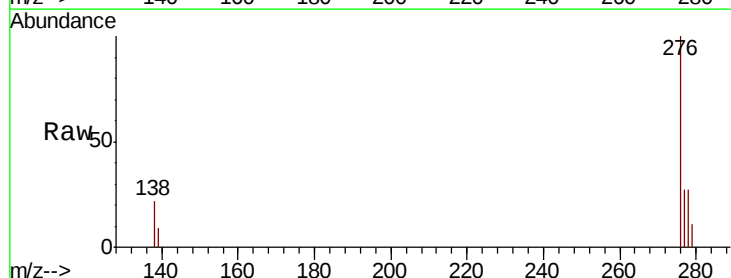
Tgt Ion:278 Resp: 27093

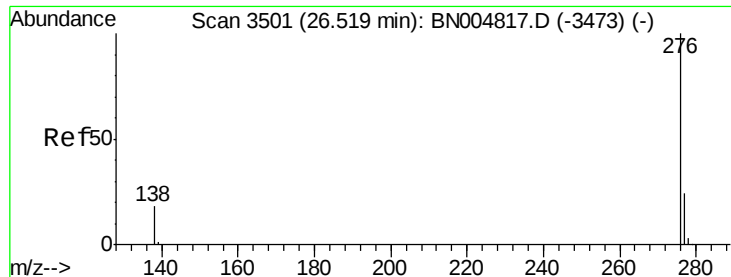
Ion Ratio Lower Upper

278 100

139 33.2 11.7 17.5#

279 39.2 19.9 29.9#





#39

Benzo(g,h,i)perylene

Concen: 1.403 ng

RT: 26.49 min Scan# 3493

Delta R.T. -0.03 min

Lab File: BN004951.D

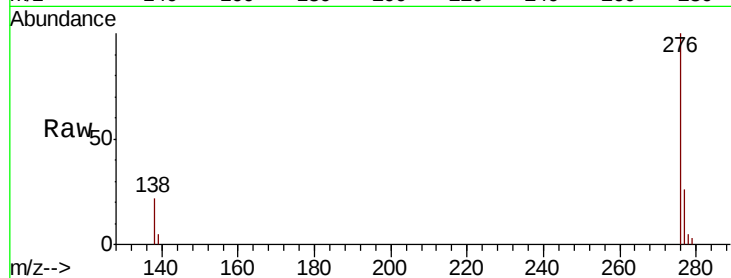
Acq: 24 Mar 2019 22:18

Instrument :

BNA_N

ClientSampleId :

PST-026-B026-031919



Tgt Ion: 276 Resp: 100913

Ion Ratio Lower Upper

276 100

277 25.7 19.7 29.5

138 21.9 14.6 22.0

