

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
 Data File : BN004942.D
 Acq On : 24 Mar 2019 17:01
 Operator : JU/SJ
 Sample : K2015-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-025-B028-031919

Quant Time: Mar 25 02:57:08 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	3524	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	14398	0.40	ng	-0.03
13) Acenaphthene-d10	14.32	164	7467	0.40	ng	-0.02
19) Phenanthrene-d10	17.08	188	15357	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	17492	0.40	ng	-0.01
34) Perylene-d12	23.53	264	18460	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	3284	0.34	ng	0.00
5) Phenol-d6	6.86	99	4074	0.34	ng	-0.02
8) Nitrobenzene-d5	8.84	82	3280	0.34	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	7340	0.29	ng	-0.02
14) 2,4,6-Tribromophenol	15.83	330	1469	0.28	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	9864	0.32	ng	-0.02
25) Fluoranthene-d10	19.11	212	13338	0.26	ng	-0.02
29) Terphenyl-d14	19.71	244	10093	0.28	ng	-0.02

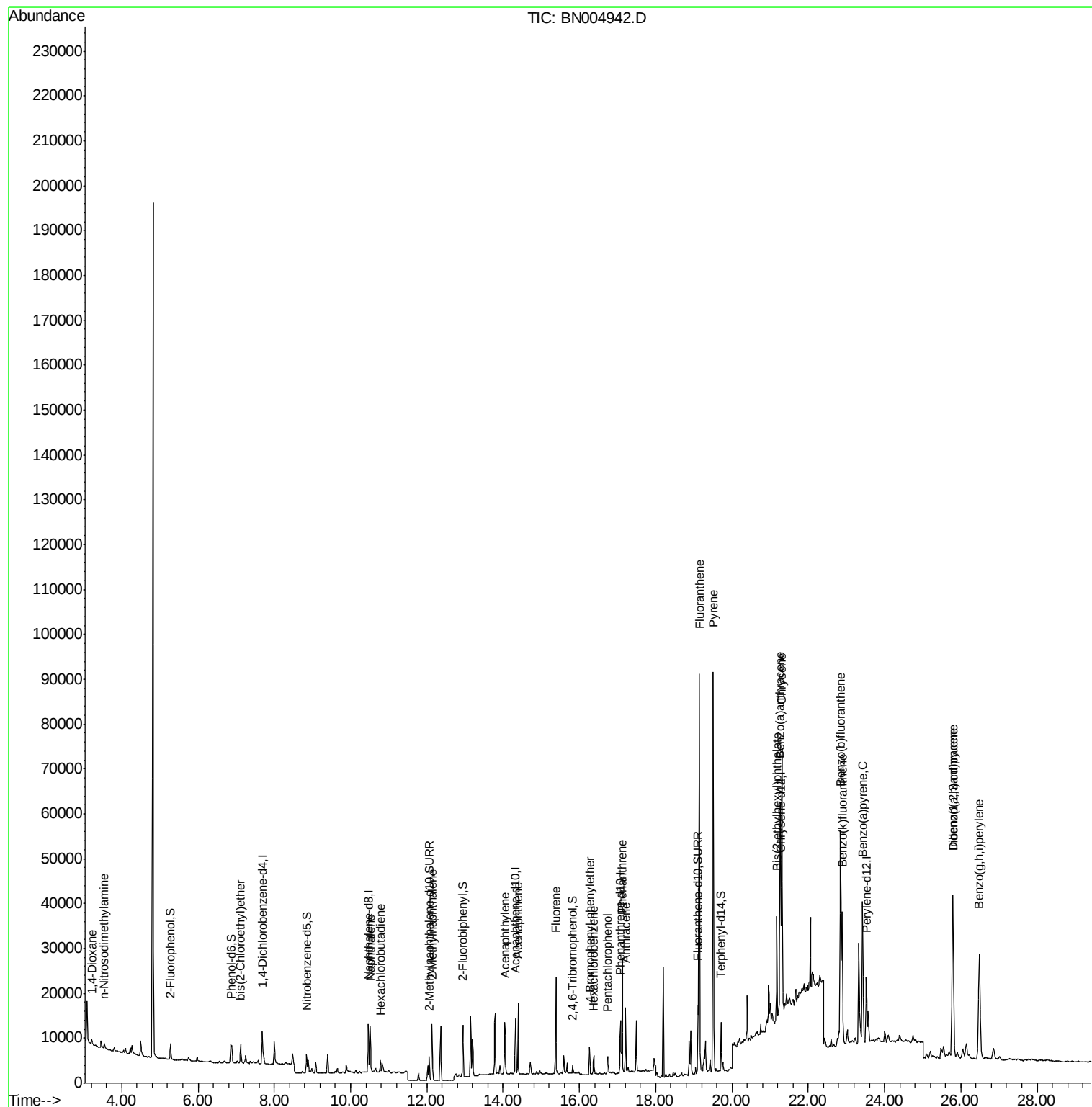
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	863	0.215	ng	# 74
3) n-Nitrosodimethylamine	3.54	42	801	0.338	ng	# 88
6) bis(2-Chloroethyl)ether	7.12	93	3374	0.314	ng	96
9) Naphthalene	10.52	128	13043	0.323	ng	99
10) Hexachlorobutadiene	10.78	225	2120	0.275	ng	# 97
12) 2-Methylnaphthalene	12.14	142	9135	0.305	ng	99
16) Acenaphthylene	14.04	152	13489	0.351	ng	99
17) Acenaphthene	14.39	154	7846	0.311	ng	99
18) Fluorene	15.38	166	10190	0.290	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	3104	0.309	ng	# 88
21) Hexachlorobenzene	16.38	284	3091	0.269	ng	94
22) Pentachlorophenol	16.74	266	2142	0.954	ng	93
23) Phenanthrene	17.12	178	26780	0.540	ng	99
24) Anthracene	17.21	178	15582	0.352	ng	99
26) Fluoranthene	19.15	202	78786	1.236	ng	# 92
28) Pyrene	19.51	202	80170	1.503	ng	97
30) Benzo(a)anthracene	21.26	228	38939	0.679	ng	95
31) Chrysene	21.31	228	53216	0.881	ng	96
32) Bis(2-ethylhexyl)phthalate	21.17	149	18806	0.821	ng	99
33) Indeno(1,2,3-cd)pyrene	25.79	276	46746	0.535	ng	98
35) Benzo(b)fluoranthene	22.85	252	69614	1.042	ng	# 90
36) Benzo(k)fluoranthene	22.89	252	33089	0.504	ng	# 86
37) Benzo(a)pyrene	23.42	252	43798	0.715	ng	# 87
38) Dibenzo(a,h)anthracene	25.80	278	23140	0.326	ng	# 74
39) Benzo(g,h,i)perylene	26.48	276	49248	0.681	ng	# 90

(#) = 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: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

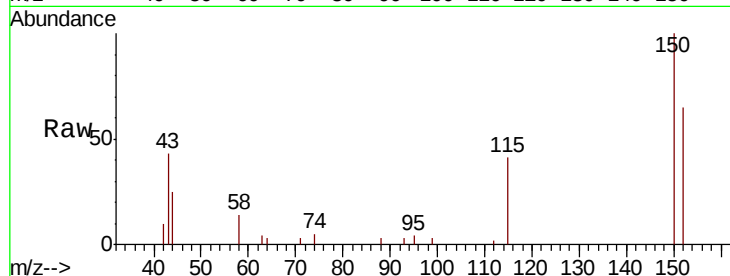
Tgt Ion: 152 Resp: 3524

Ion Ratio Lower Upper

152 100

150 154.6 126.2 189.4

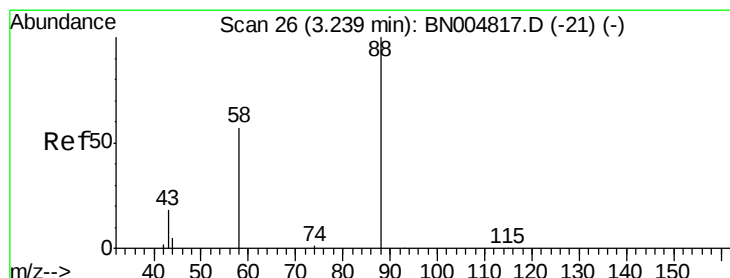
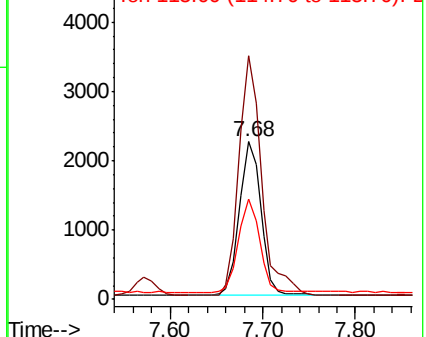
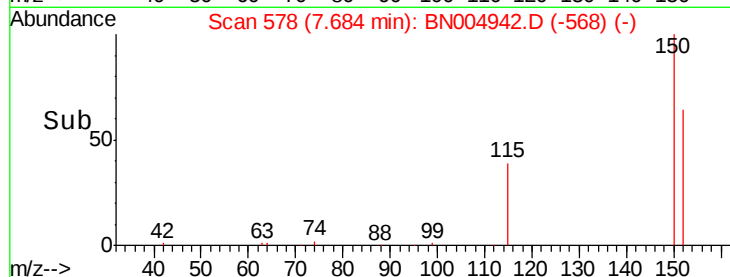
115 63.4 52.6 79.0



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: 0.215 ng

RT: 3.21 min Scan# 23

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

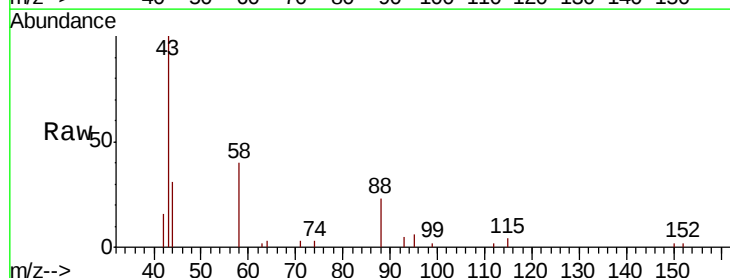
Tgt Ion: 88 Resp: 863

Ion Ratio Lower Upper

88 100

58 77.9 51.4 77.2#

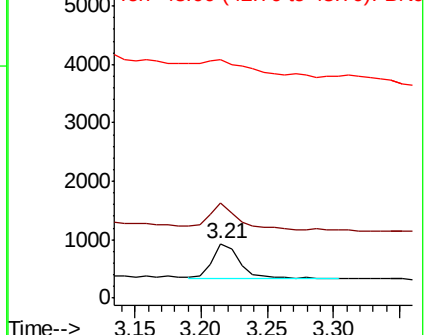
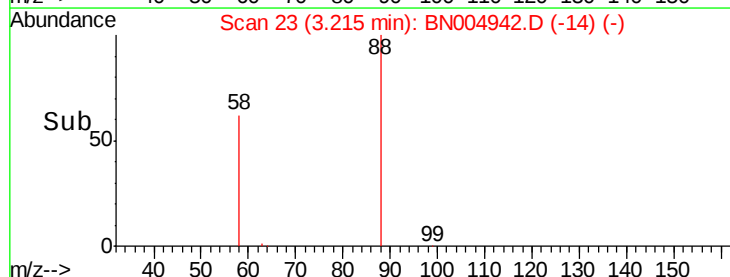
43 0.0 20.0 30.0#

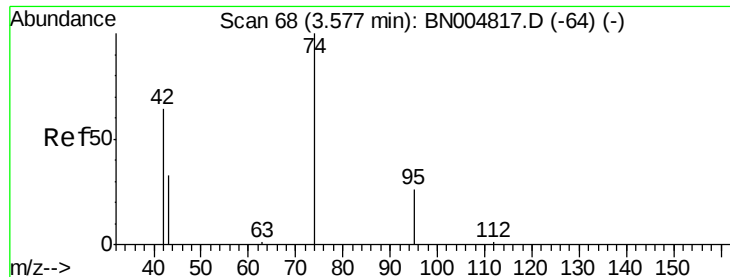


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.338 ng

RT: 3.54 min Scan# 64

Delta R.T. -0.03 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

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PST-025-B028-031919

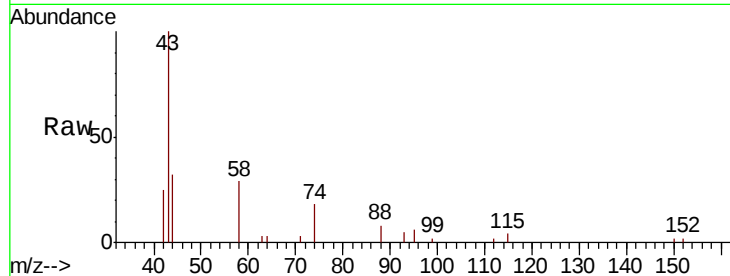
Tgt Ion: 42 Resp: 801

Ion Ratio Lower Upper

42 100

74 175.4 128.4 192.6

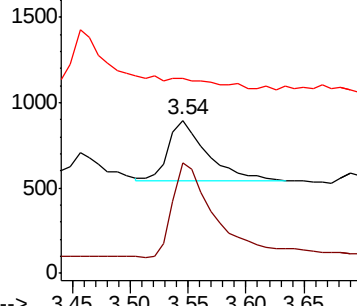
44 0.0 6.1 9.1#



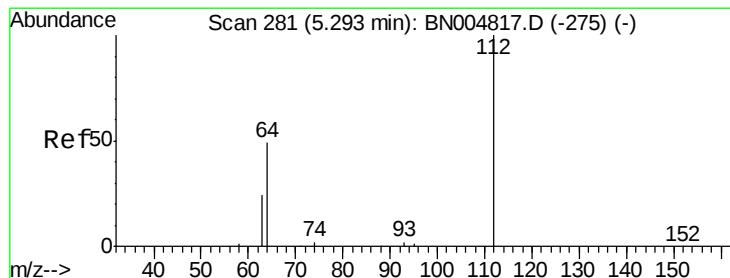
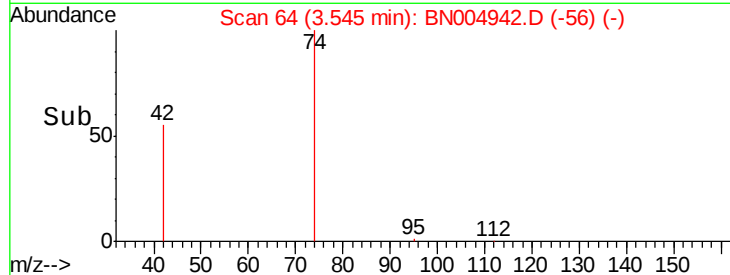
Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



Time-->



#4

2-Fluorophenol

Concen: 0.343 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

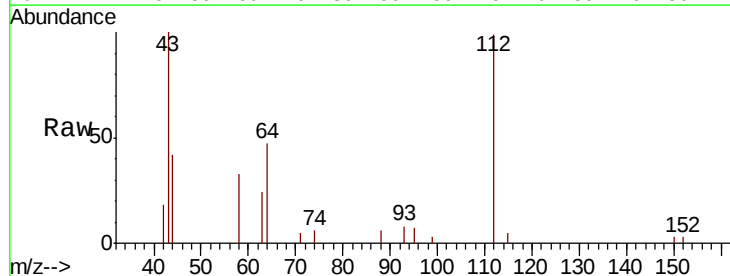
Tgt Ion: 112 Resp: 3284

Ion Ratio Lower Upper

112 100

64 51.9 40.0 60.0

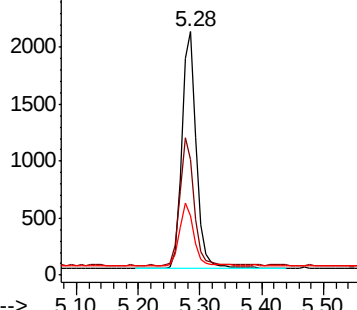
63 26.5 20.2 30.2



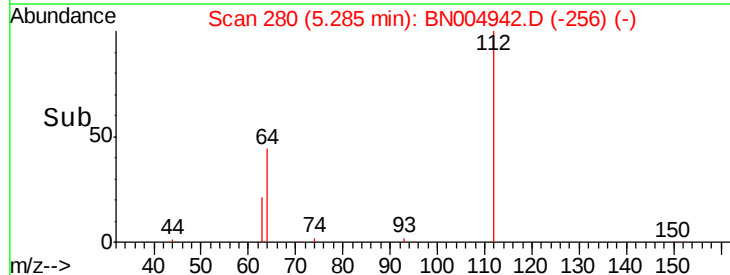
Abundance Ion 112.00 (111.70 to 112.70): BNC

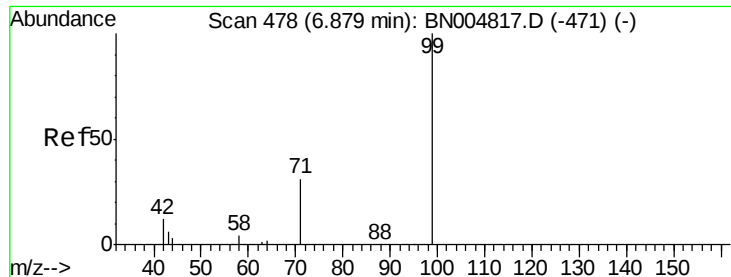
Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



Time-->





#5

Phenol-d6

Concen: 0.342 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

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PST-025-B028-031919

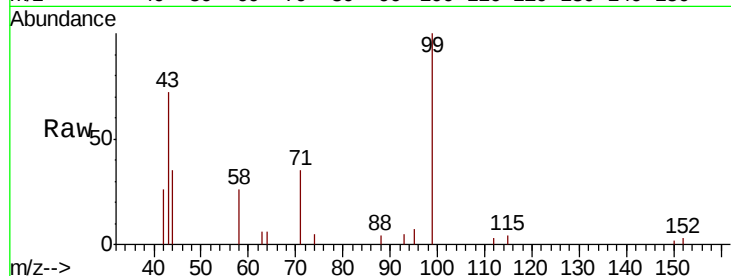
Tgt Ion: 99 Resp: 4074

Ion Ratio Lower Upper

99 100

42 17.9 12.7 19.1

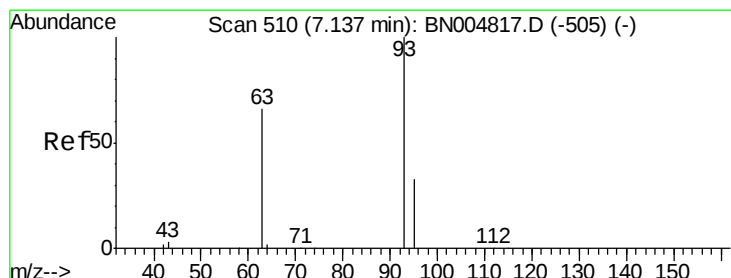
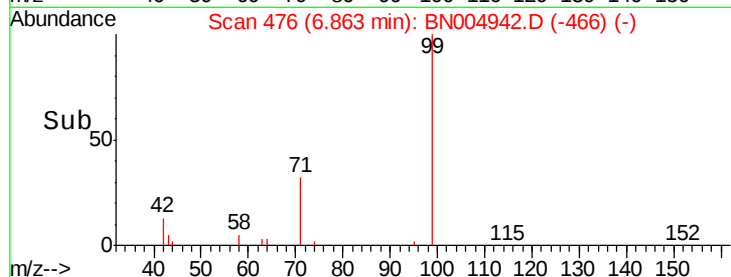
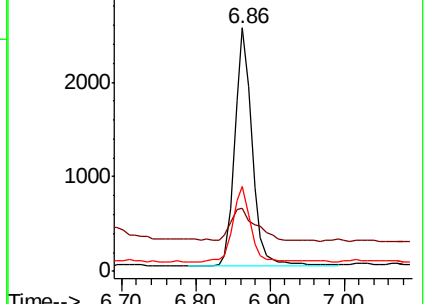
71 33.1 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.314 ng

RT: 7.12 min Scan# 508

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

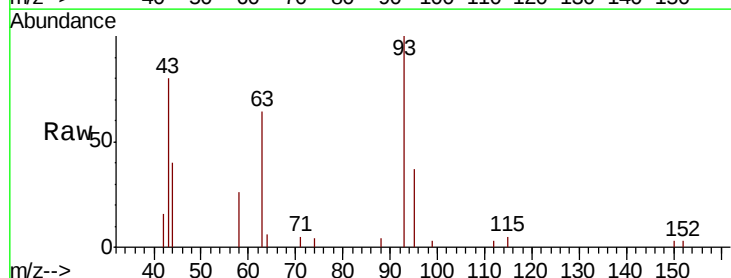
Tgt Ion: 93 Resp: 3374

Ion Ratio Lower Upper

93 100

63 68.5 52.6 78.8

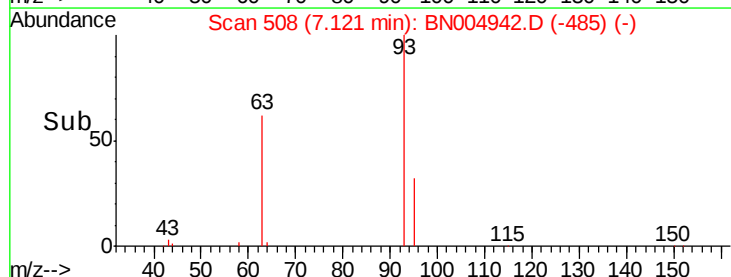
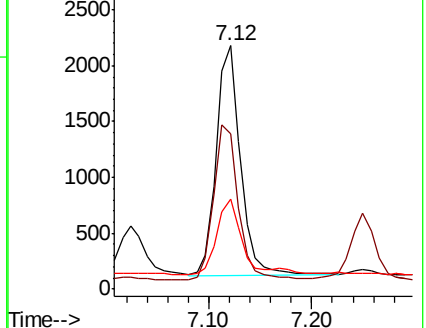
95 34.9 25.9 38.9

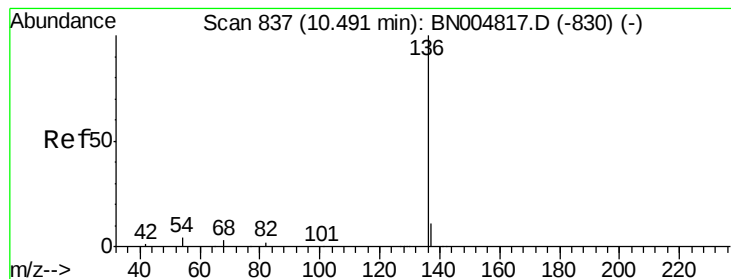


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.03 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

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ClientSampleId :

PST-025-B028-031919

Tgt Ion:136 Resp: 14398

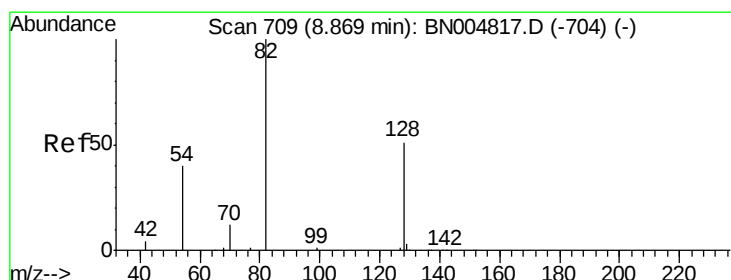
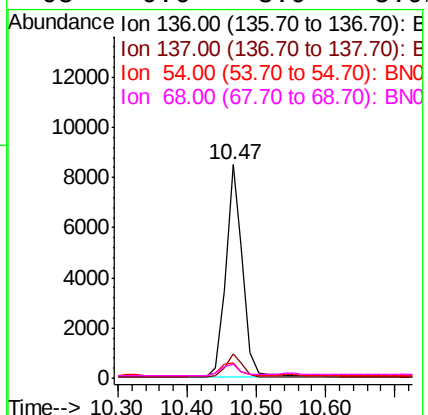
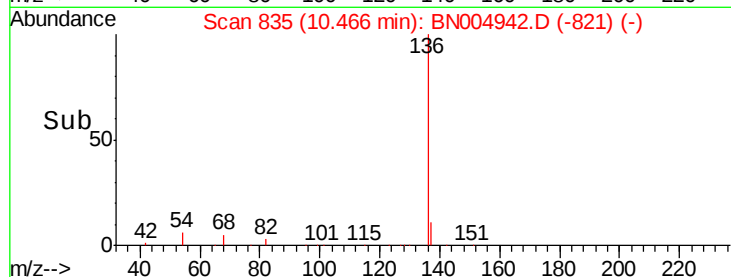
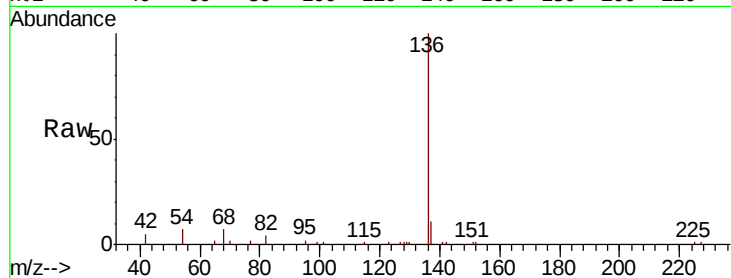
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 7.4 4.2 6.2#

68 6.6 3.9 5.9#



#8

Nitrobenzene-d5

Concen: 0.344 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

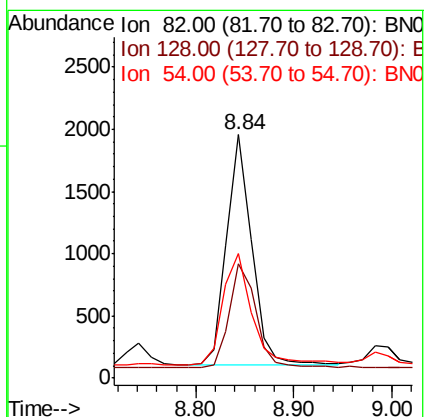
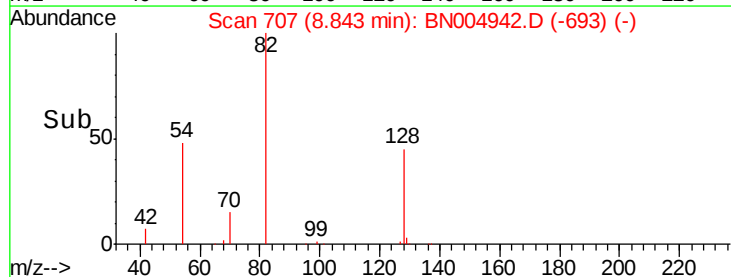
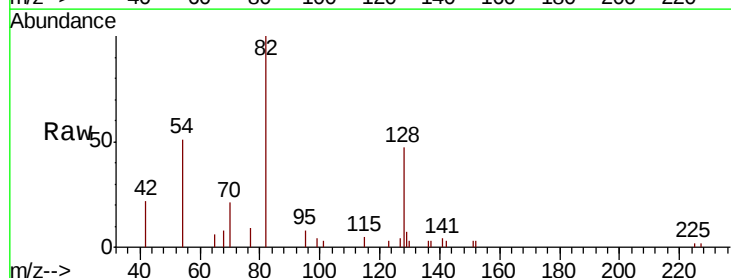
Tgt Ion: 82 Resp: 3280

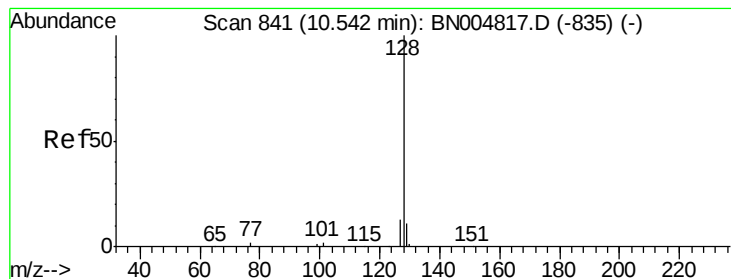
Ion Ratio Lower Upper

82 100

128 46.9 43.0 64.6

54 50.9 35.3 52.9





#9

Naphthalene

Concen: 0.323 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

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ClientSampleId :

PST-025-B028-031919

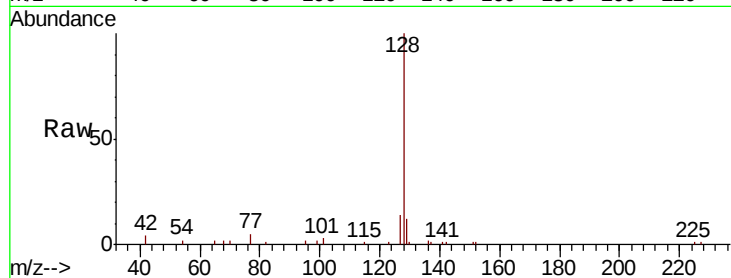
Tgt Ion:128 Resp: 13043

Ion Ratio Lower Upper

128 100

129 11.9 9.9 14.9

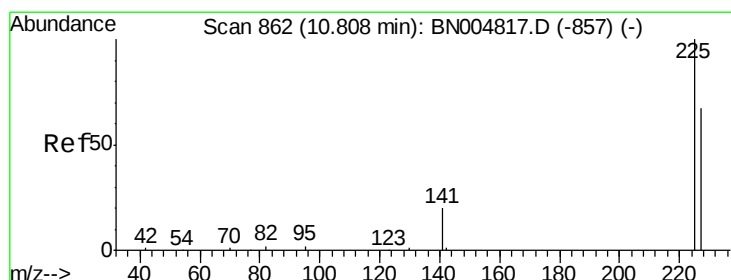
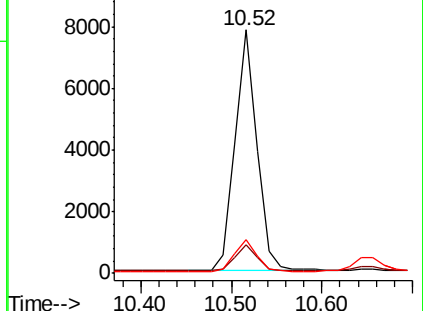
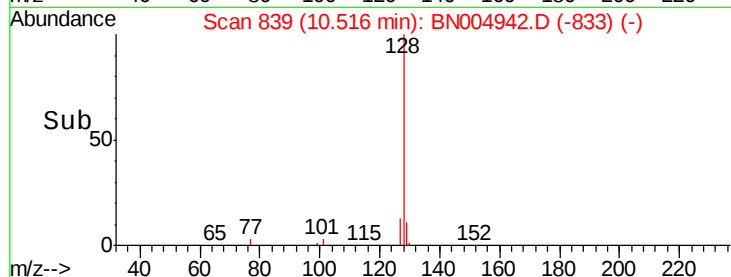
127 13.8 11.3 16.9



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



#10

Hexachlorobutadiene

Concen: 0.275 ng

RT: 10.78 min Scan# 860

Delta R.T. -0.03 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

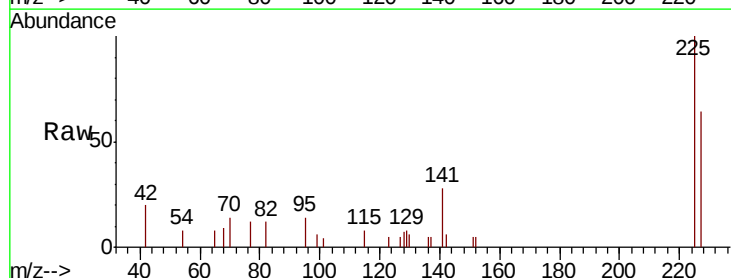
Tgt Ion:225 Resp: 2120

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

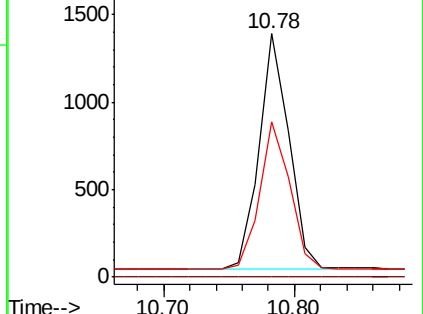
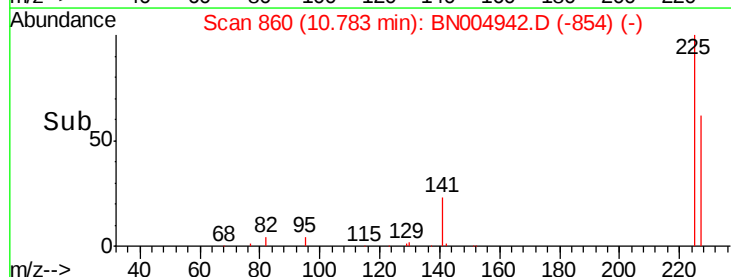
227 63.1 52.2 78.4

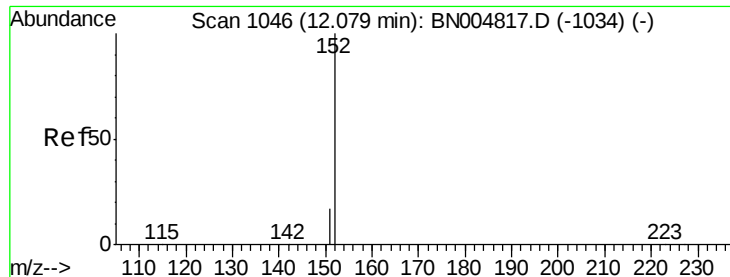


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.292 ng

RT: 12.06 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

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ClientSampleId :

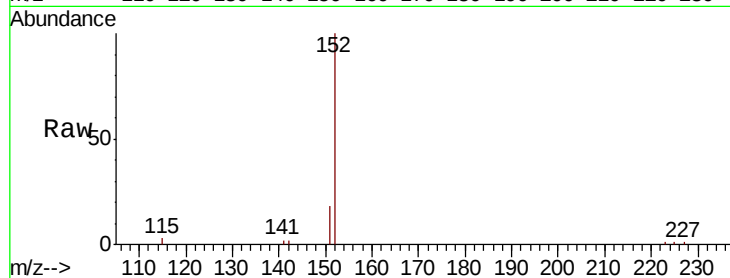
PST-025-B028-031919

Tgt Ion:152 Resp: 7340

Ion Ratio Lower Upper

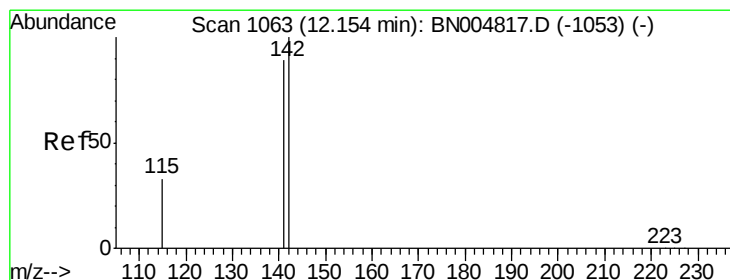
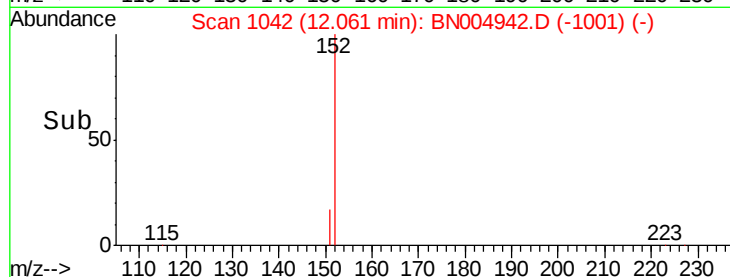
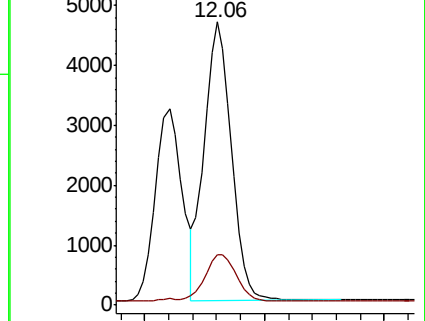
152 100

151 19.0 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: 0.305 ng

RT: 12.14 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

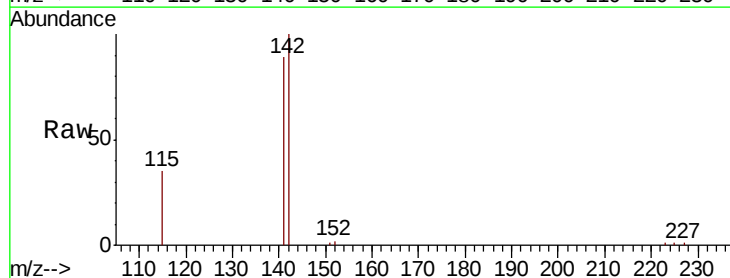
Tgt Ion:142 Resp: 9135

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.2

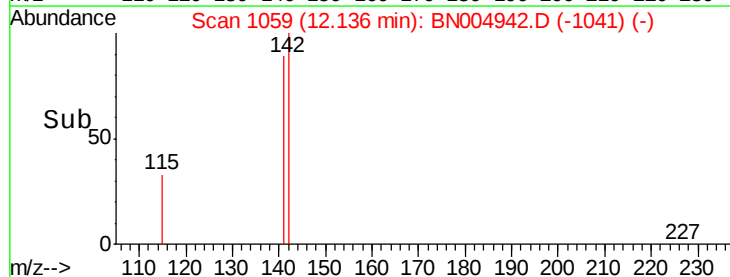
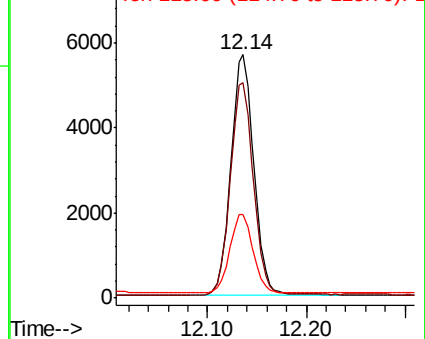
115 34.6 27.5 41.3

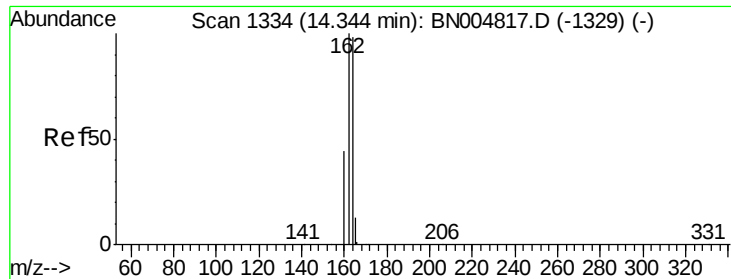


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

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PST-025-B028-031919

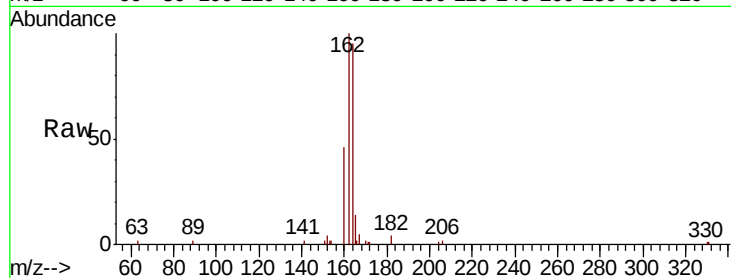
Tgt Ion:164 Resp: 7467

Ion Ratio Lower Upper

164 100

162 105.1 81.9 122.9

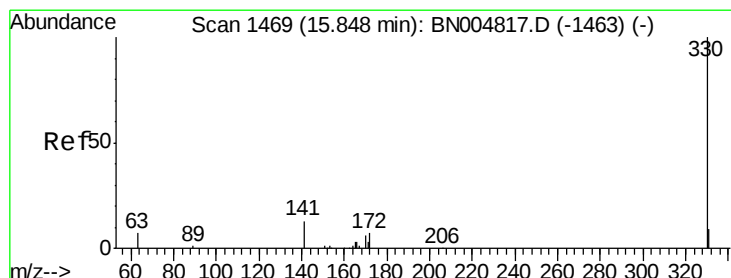
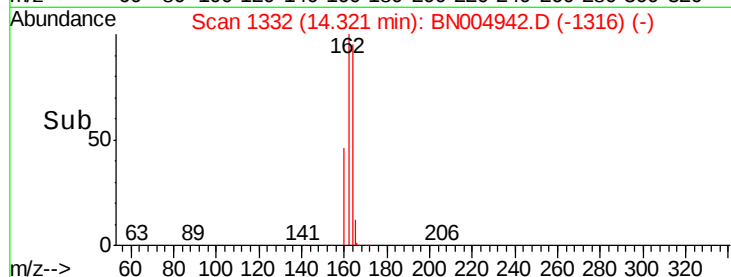
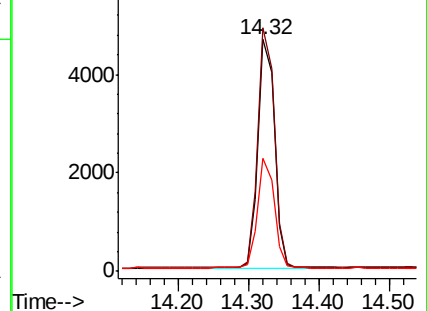
160 48.8 36.6 54.8



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: 0.285 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

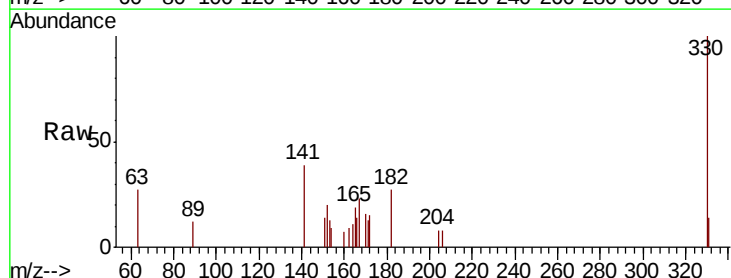
Tgt Ion:330 Resp: 1469

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

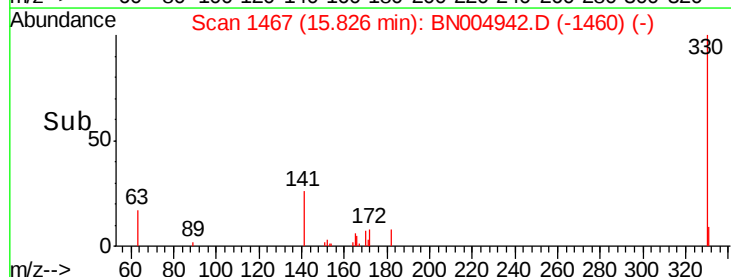
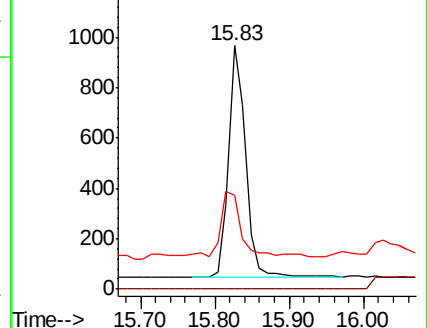
141 35.4 20.9 31.3#

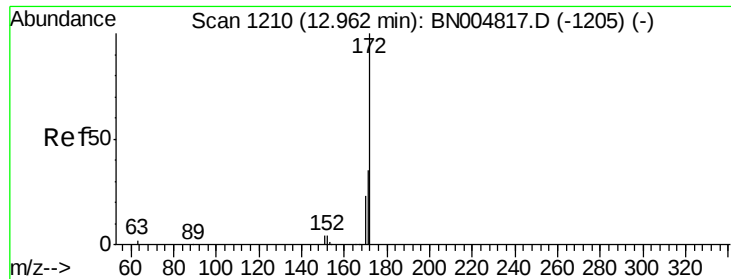


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

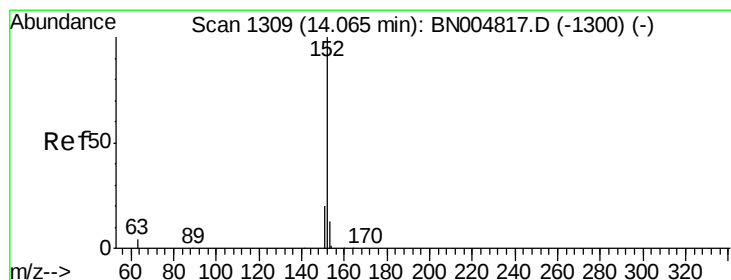
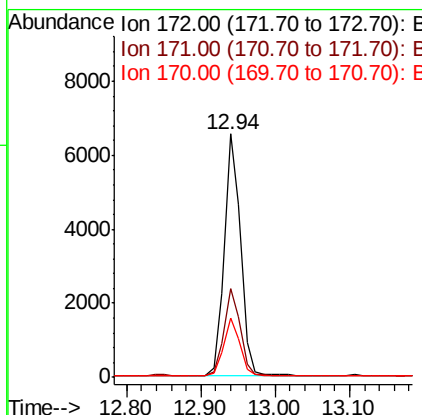
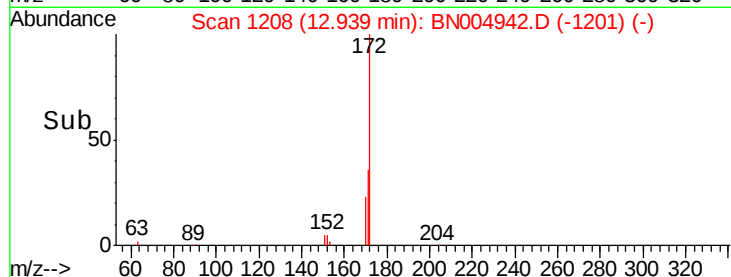
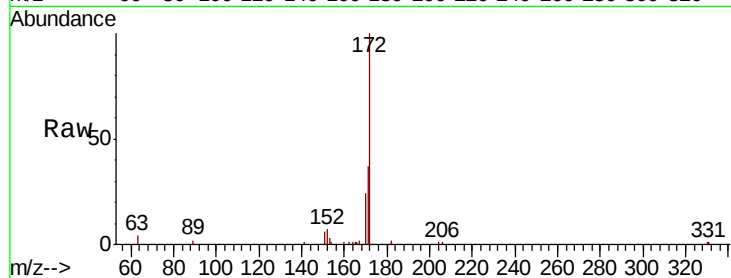




#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004942.D
Acq: 24 Mar 2019 17:01

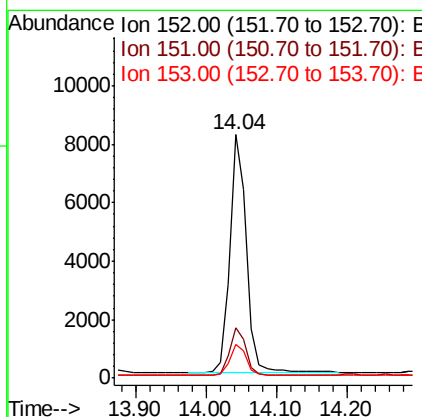
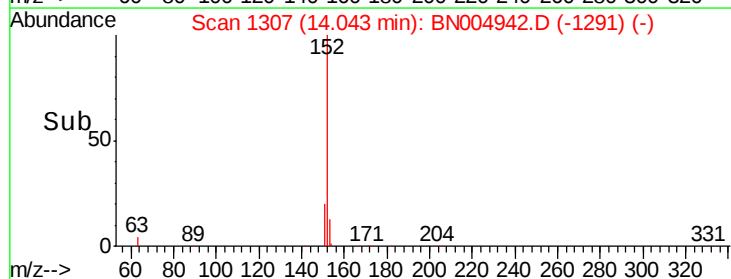
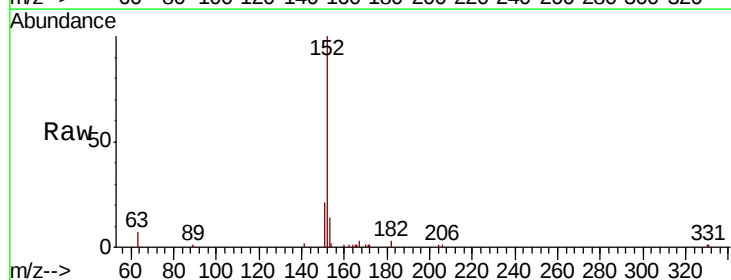
Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

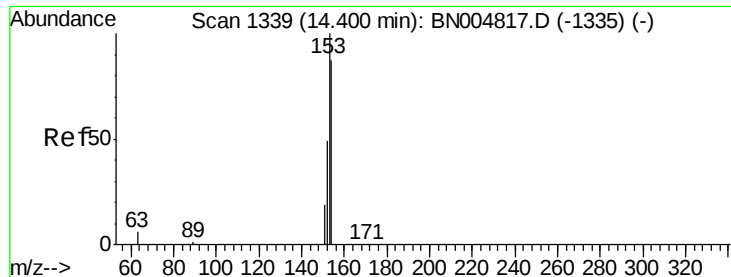
Tgt Ion:172 Resp: 9864
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.1 18.7 28.1



#16
Acenaphthylene
Concen: 0.351 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004942.D
Acq: 24 Mar 2019 17:01

Tgt Ion:152 Resp: 13489
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.311 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

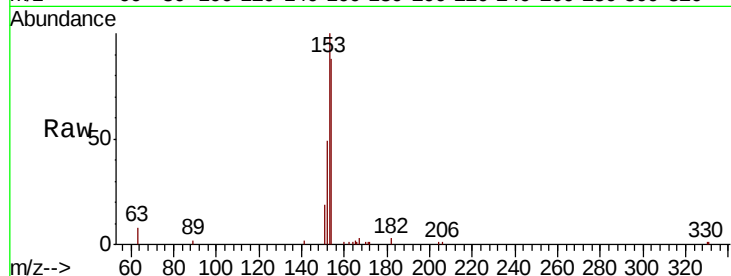
Tgt Ion:154 Resp: 7846

Ion Ratio Lower Upper

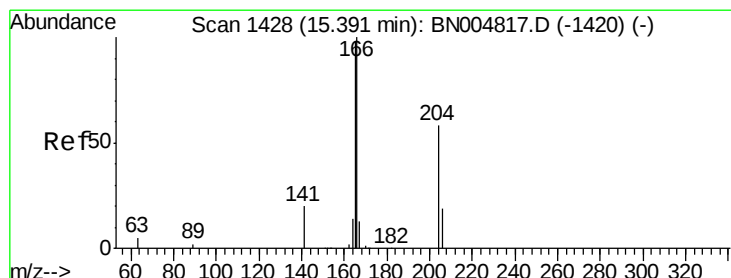
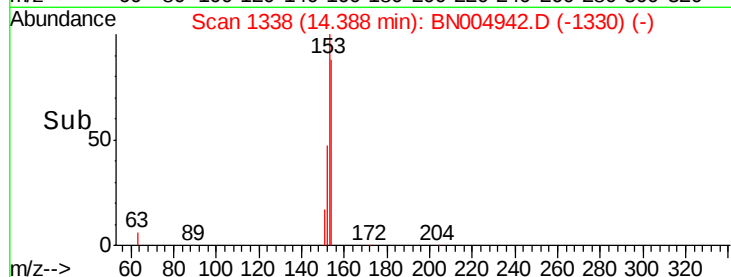
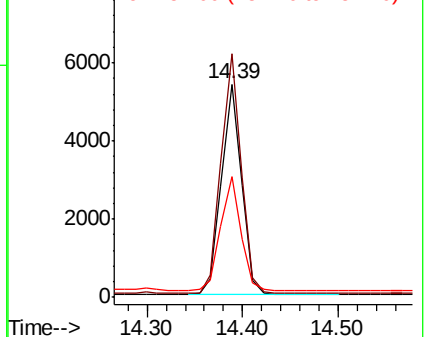
154 100

153 113.6 91.4 137.2

152 54.7 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: 0.290 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

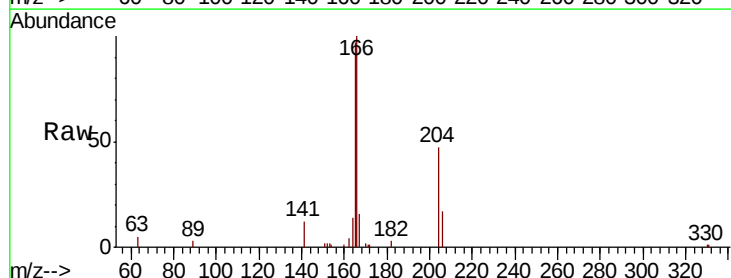
Tgt Ion:166 Resp: 10190

Ion Ratio Lower Upper

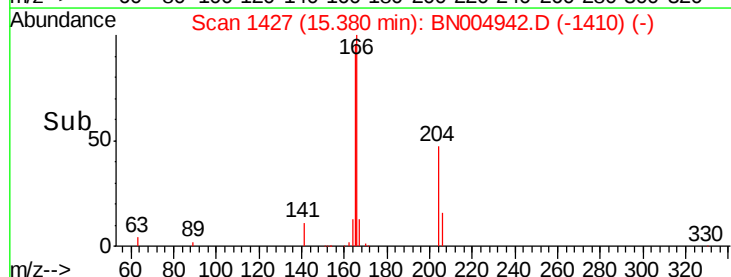
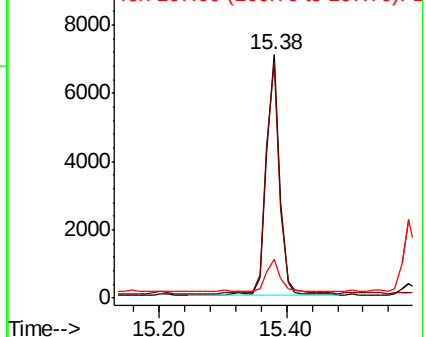
166 100

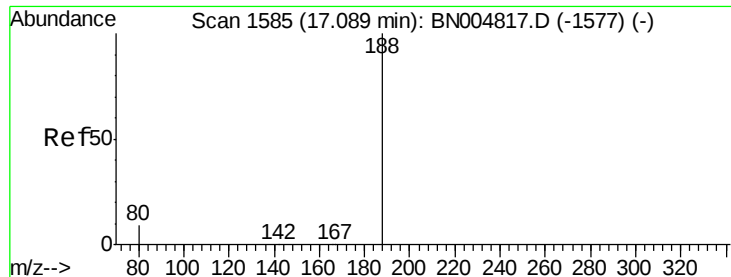
165 99.1 78.2 117.4

167 13.9 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: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

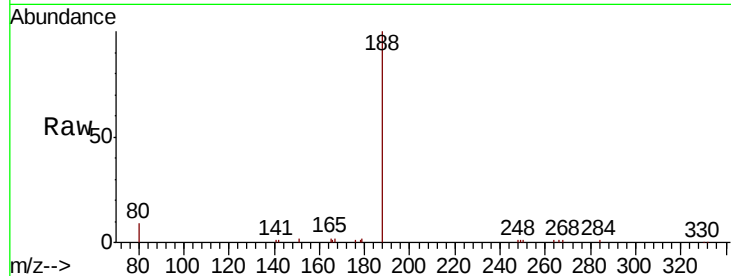
Tgt Ion:188 Resp: 15357

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

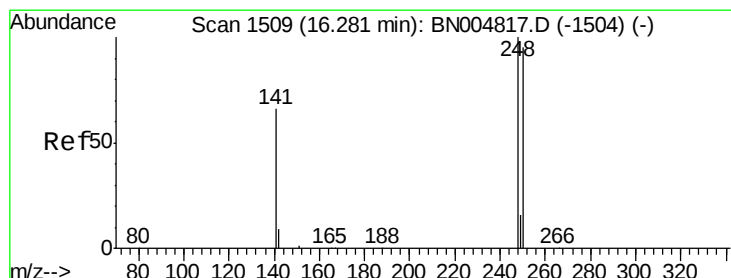
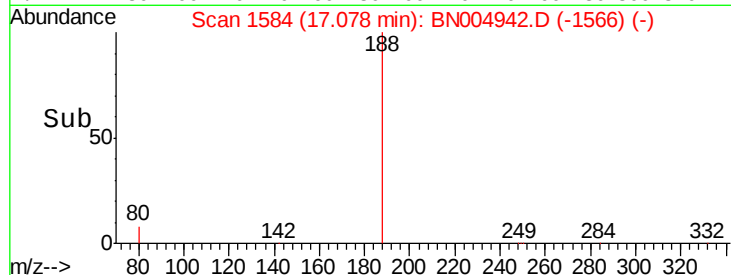
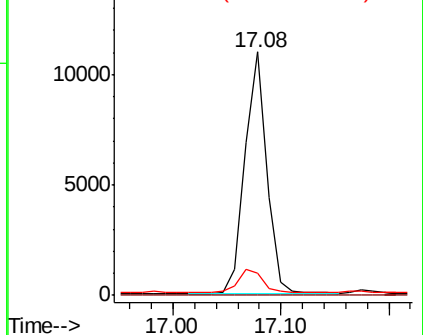
80 8.9 7.4 11.2



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: 0.309 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

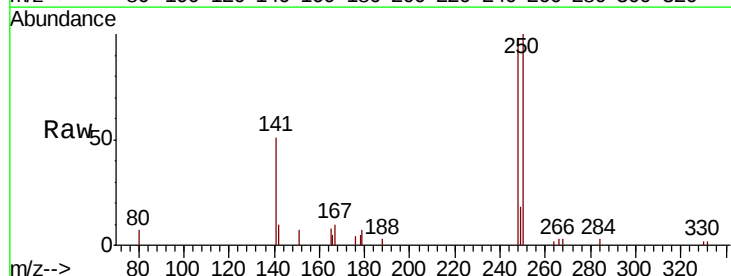
Tgt Ion:248 Resp: 3104

Ion Ratio Lower Upper

248 100

250 101.7 76.2 114.4

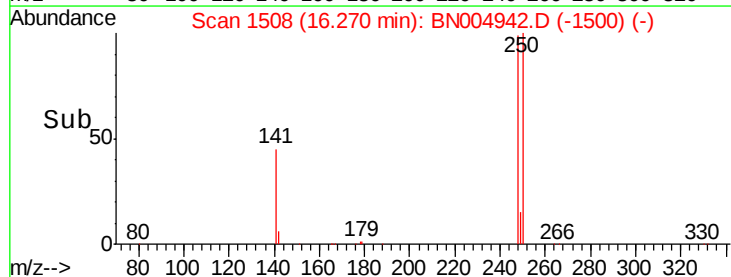
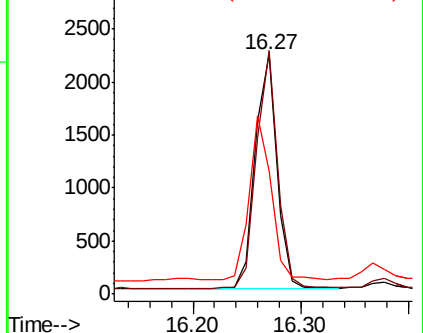
141 51.4 53.9 80.9#

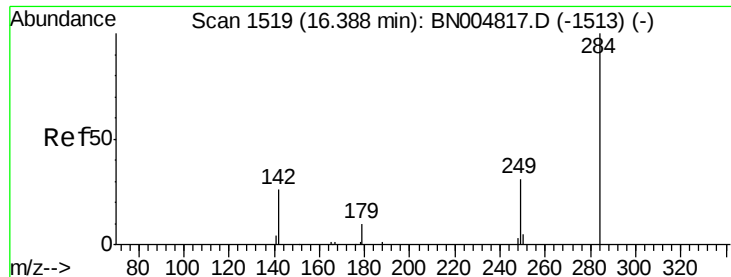


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.269 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

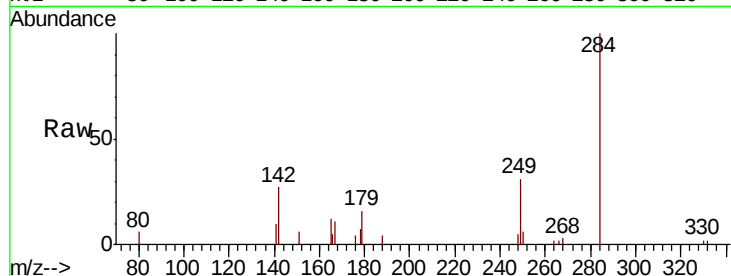
Tgt Ion:284 Resp: 3091

Ion Ratio Lower Upper

284 100

142 33.4 22.6 34.0

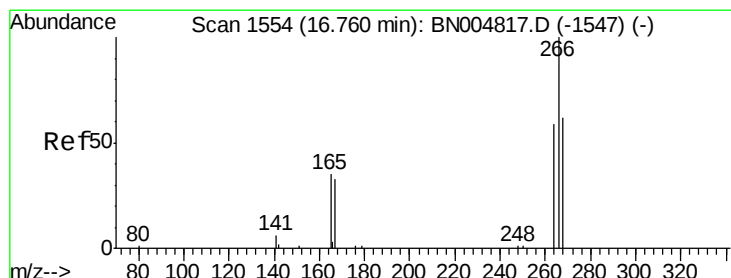
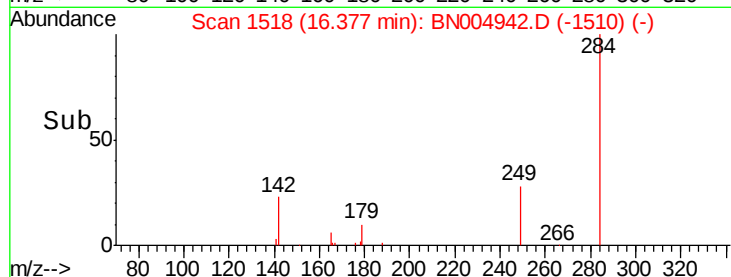
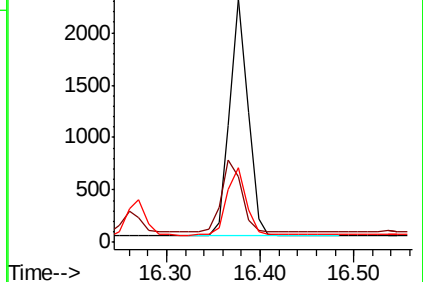
249 29.8 22.5 33.7



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: 0.954 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

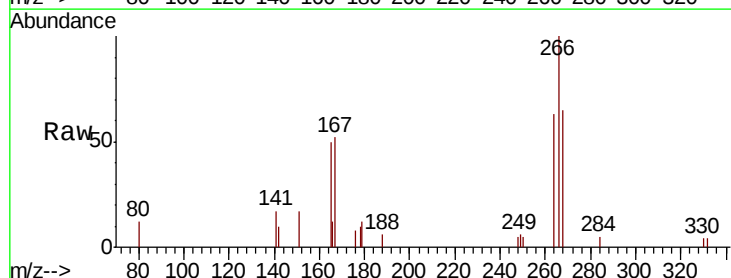
Tgt Ion:266 Resp: 2142

Ion Ratio Lower Upper

266 100

264 63.0 53.1 79.7

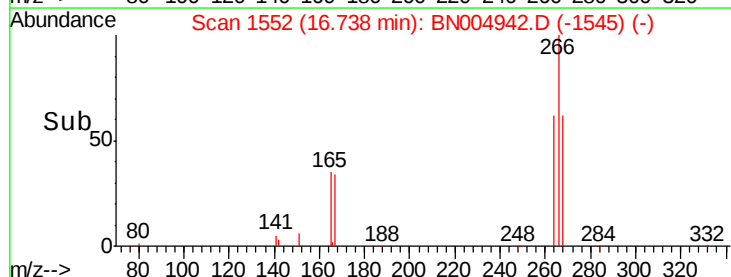
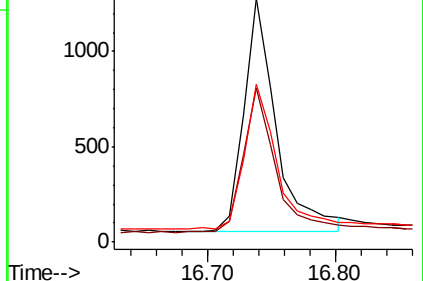
268 64.8 57.7 86.5

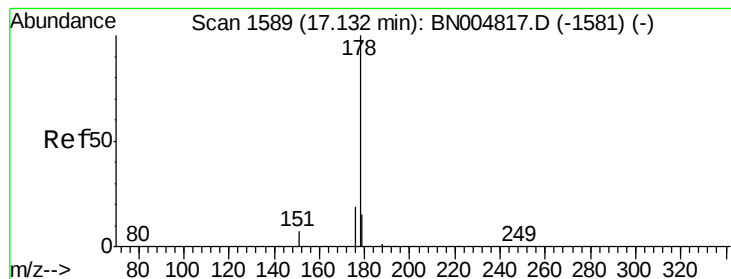


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.540 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

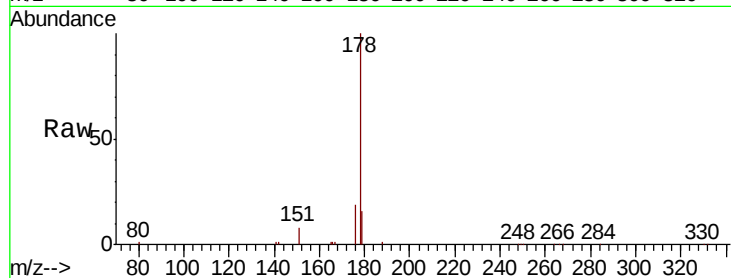
Tgt Ion:178 Resp: 26780

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.6 12.1 18.1

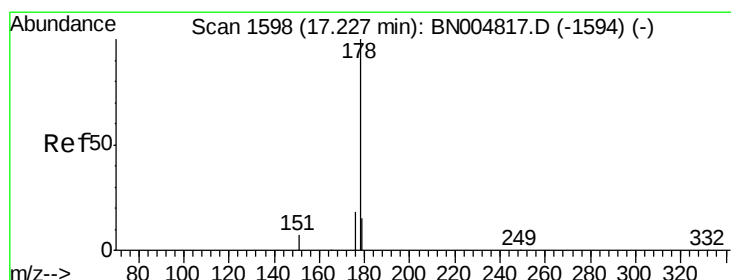
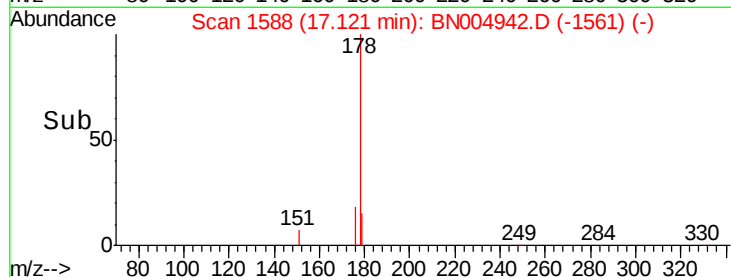
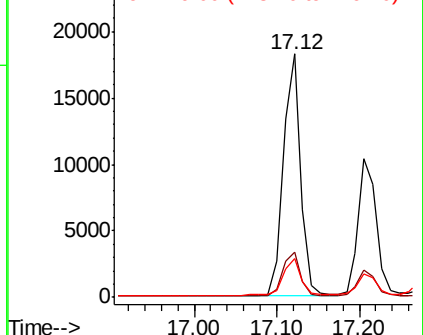


Abundance

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: 0.352 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

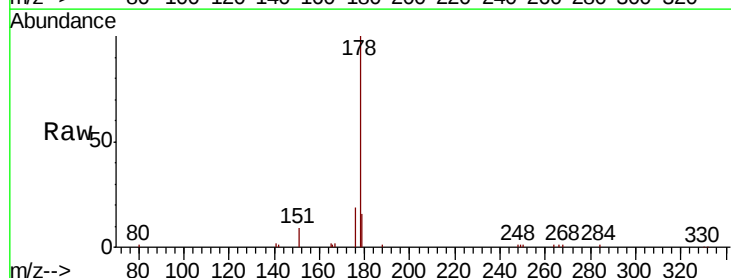
Tgt Ion:178 Resp: 15582

Ion Ratio Lower Upper

178 100

176 18.5 14.5 21.7

179 15.2 12.2 18.4

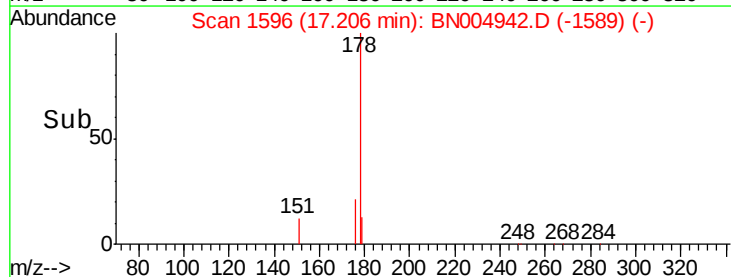
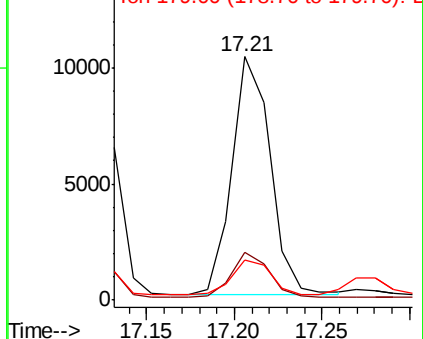


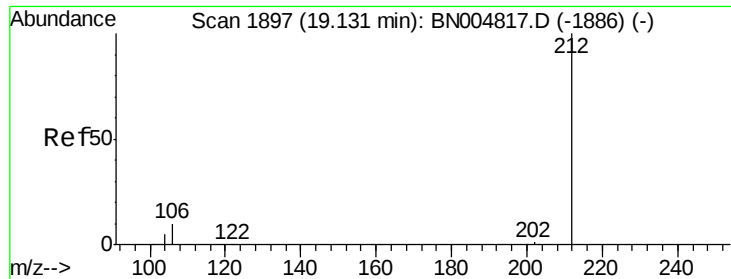
Abundance

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: 0.259 ng

RT: 19.11 min Scan# 1893

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

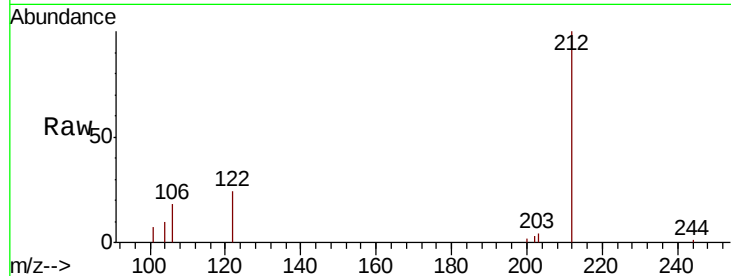
Tgt Ion:212 Resp: 13338

Ion Ratio Lower Upper

212 100

106 23.0 8.6 13.0#

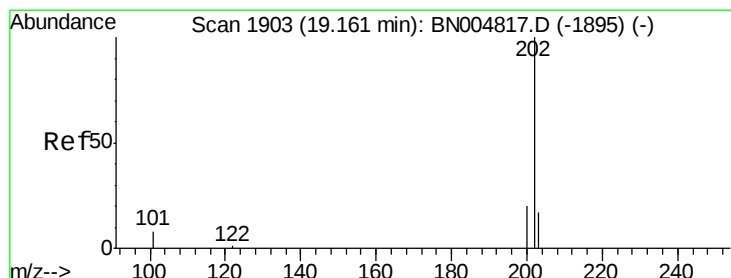
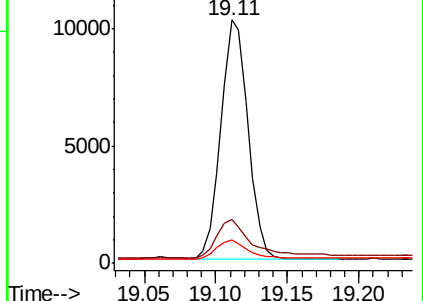
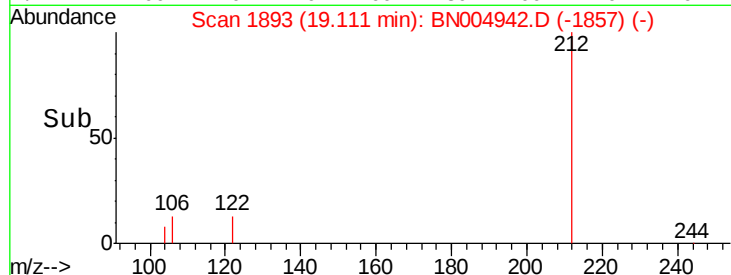
104 10.6 4.7 7.1#



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: 1.236 ng

RT: 19.15 min Scan# 1900

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

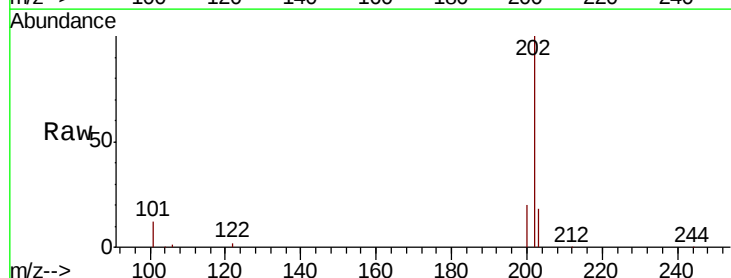
Tgt Ion:202 Resp: 78786

Ion Ratio Lower Upper

202 100

101 17.4 7.5 11.3#

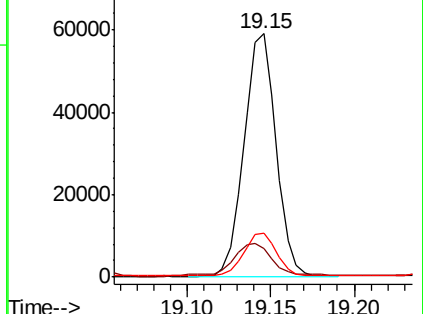
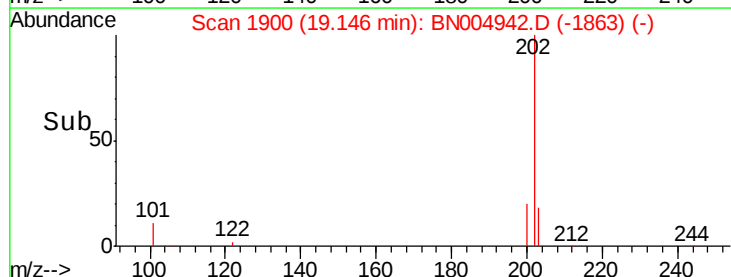
203 17.6 13.8 20.6

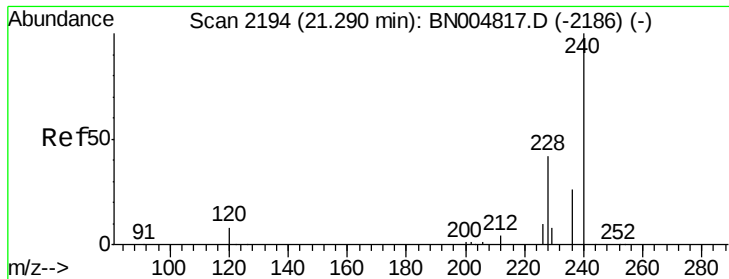


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

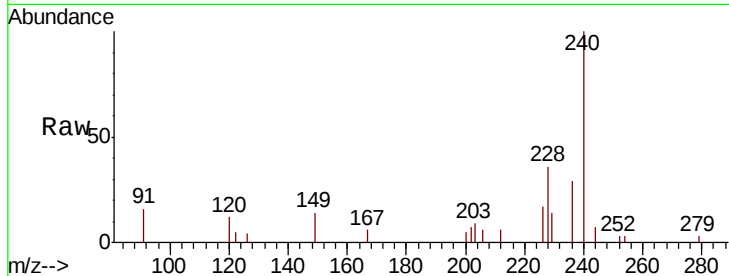
Tgt Ion:240 Resp: 17492

Ion Ratio Lower Upper

240 100

120 11.5 7.2 10.8#

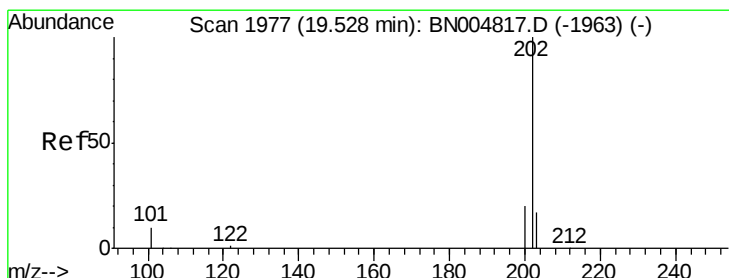
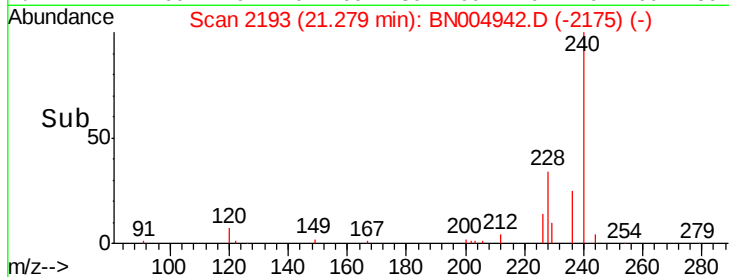
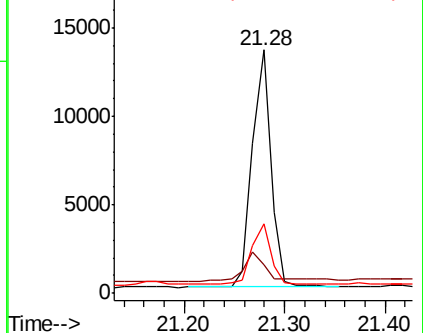
236 28.6 20.9 31.3



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: 1.503 ng

RT: 19.51 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

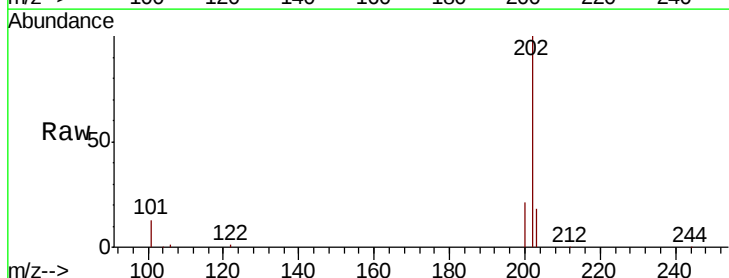
Tgt Ion:202 Resp: 80170

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

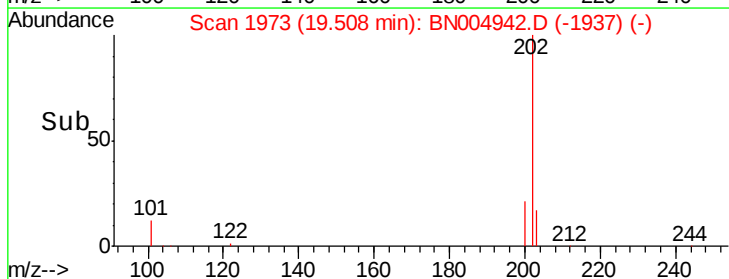
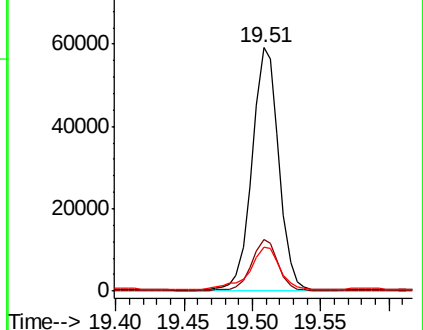
203 19.7 14.0 21.0

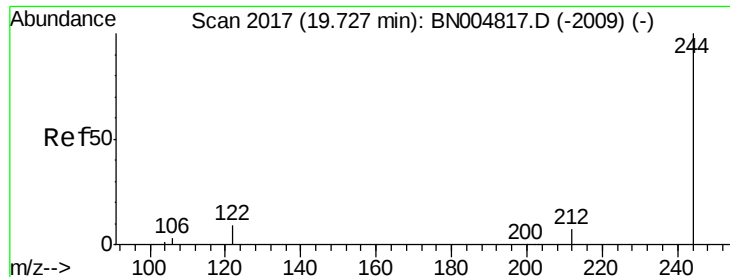


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.282 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

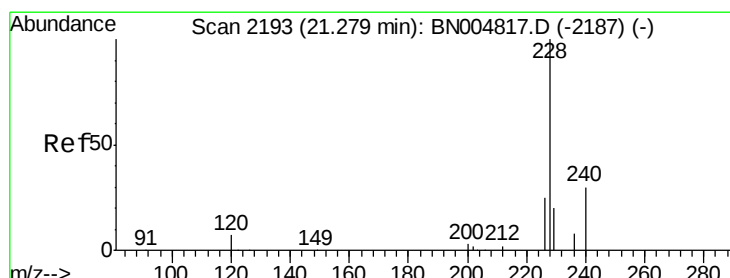
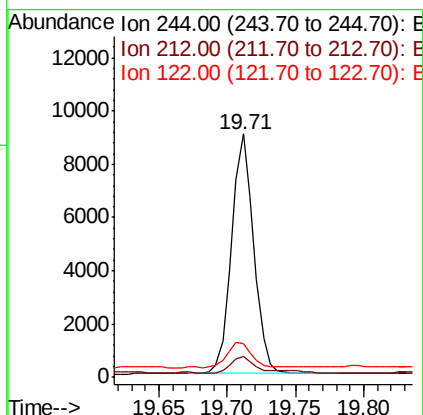
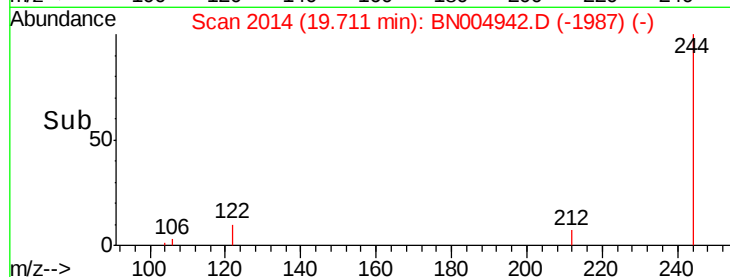
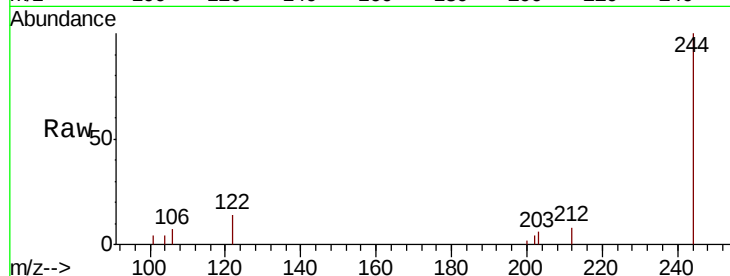
Tgt Ion:244 Resp: 10093

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

122 13.8 7.9 11.9#



#30

Benzo(a)anthracene

Concen: 0.679 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

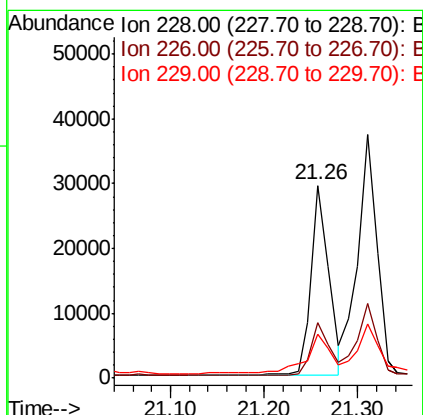
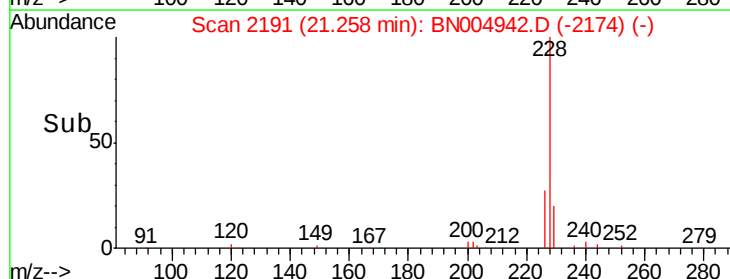
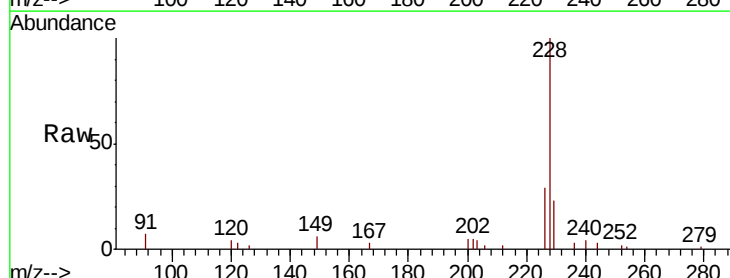
Tgt Ion:228 Resp: 38939

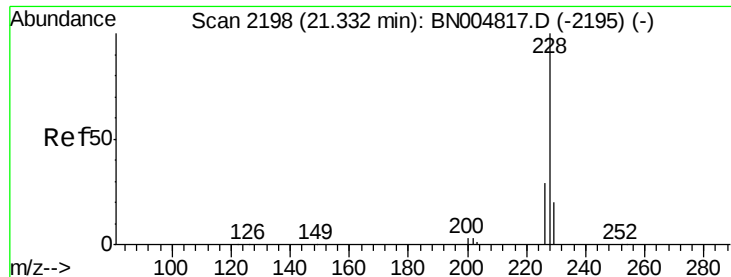
Ion Ratio Lower Upper

228 100

226 28.5 20.6 31.0

229 22.8 16.2 24.4





#31

Chrysene

Concen: 0.881 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

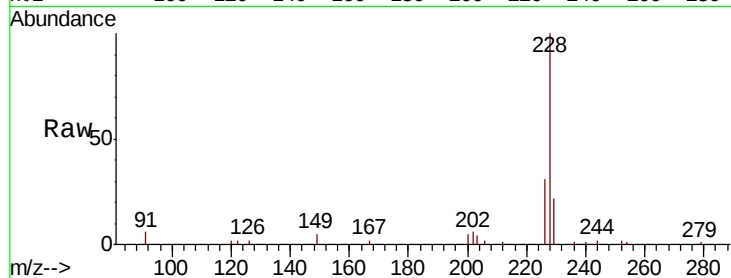
Tgt Ion:228 Resp: 53216

Ion Ratio Lower Upper

228 100

226 30.7 23.0 34.6

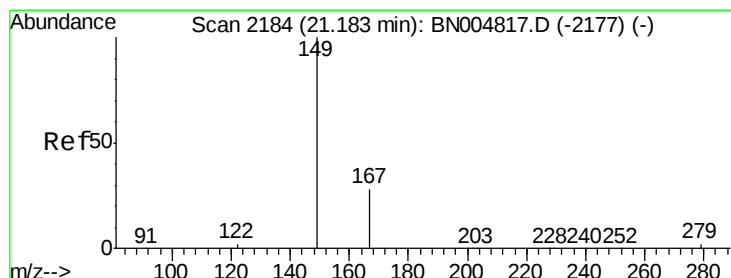
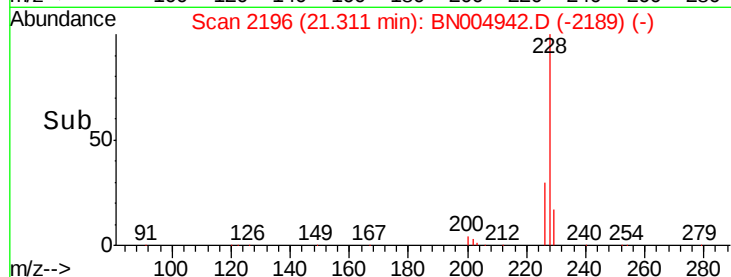
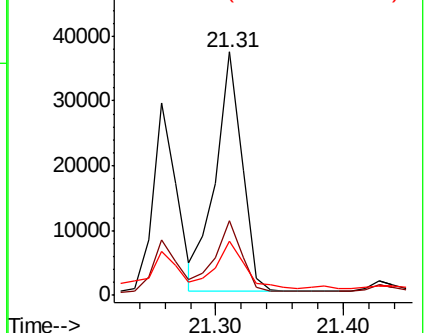
229 22.3 16.2 24.2



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: 0.821 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

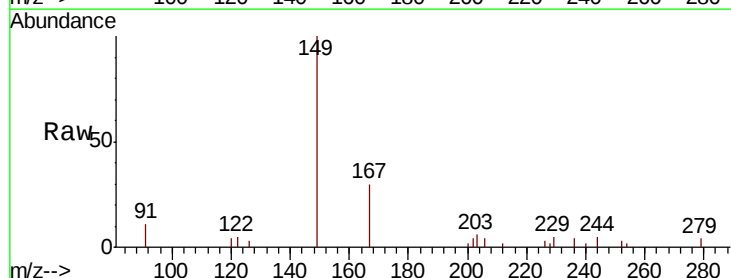
Tgt Ion:149 Resp: 18806

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

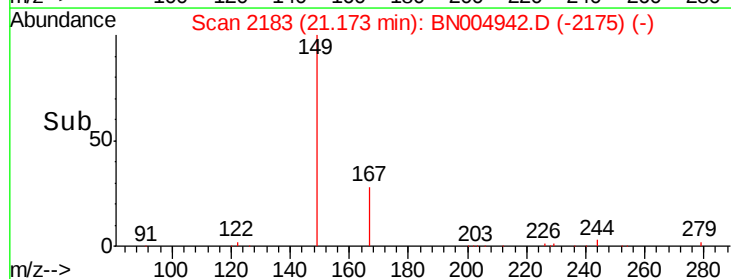
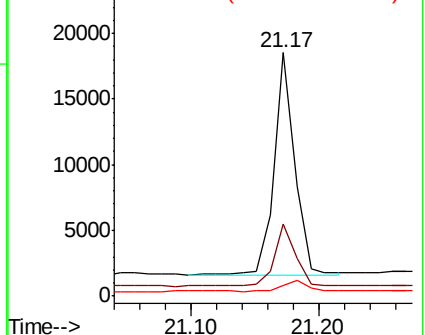
279 5.6 4.6 6.8

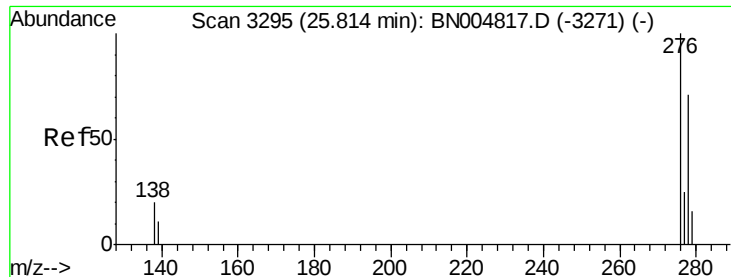


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.535 ng

RT: 25.79 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

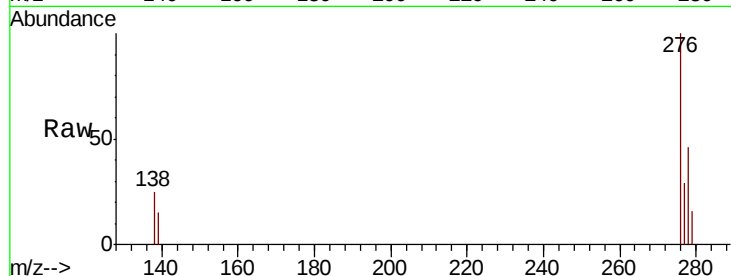
Tgt Ion:276 Resp: 46746

Ion Ratio Lower Upper

276 100

138 21.5 16.6 24.8

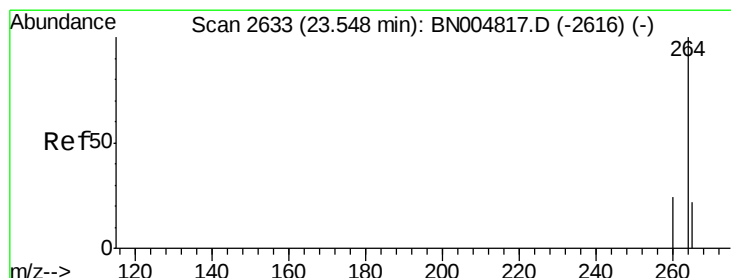
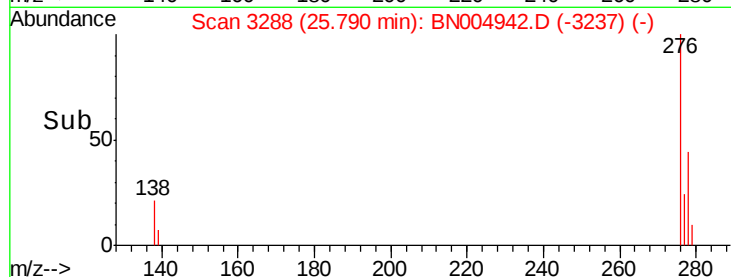
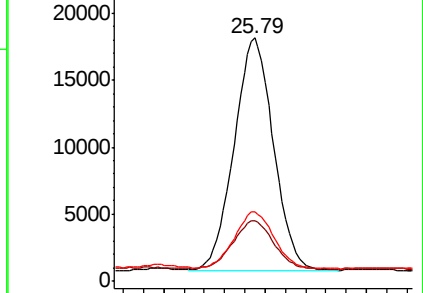
277 24.7 20.3 30.5



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: 23.53 min Scan# 2627

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

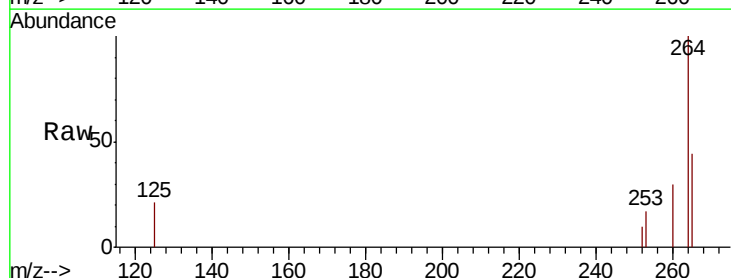
Tgt Ion:264 Resp: 18460

Ion Ratio Lower Upper

264 100

260 29.7 19.5 29.3#

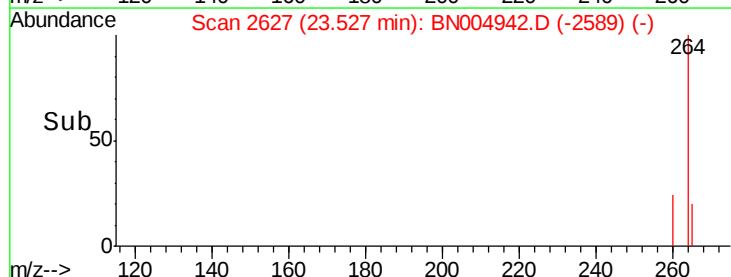
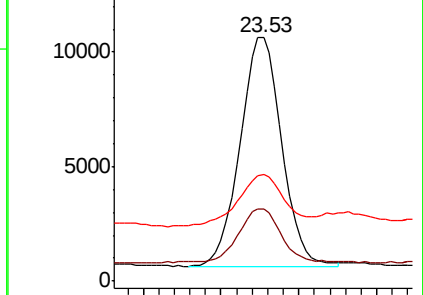
265 43.7 23.1 34.7#

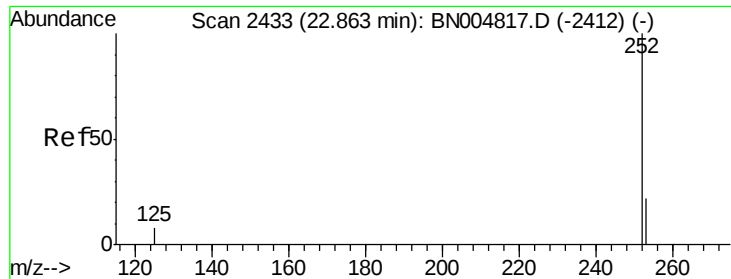


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

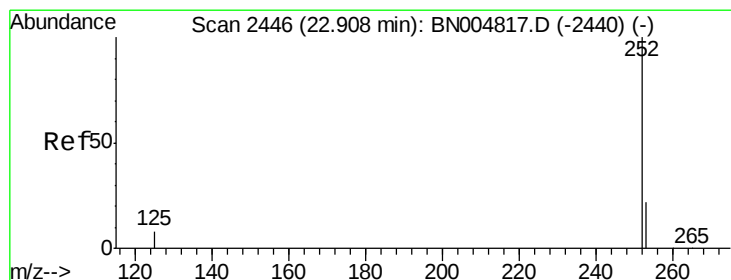
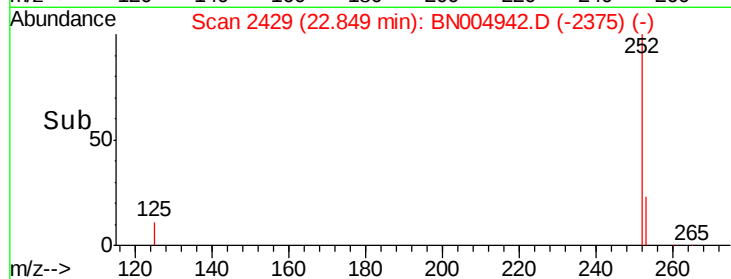
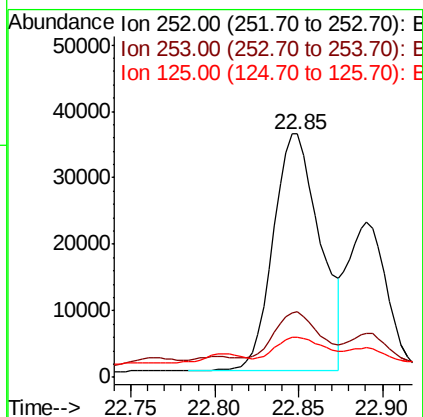
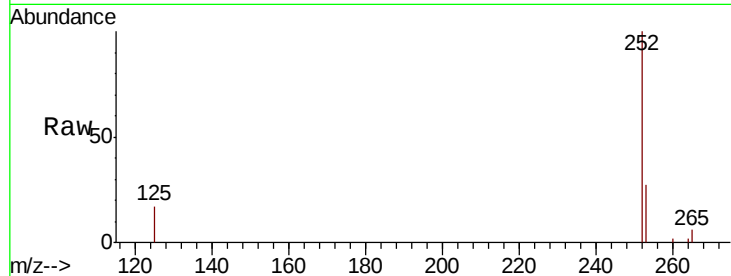




#35
Benzo(b)fluoranthene
Concen: 1.042 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BN004942.D
Acq: 24 Mar 2019 17:01

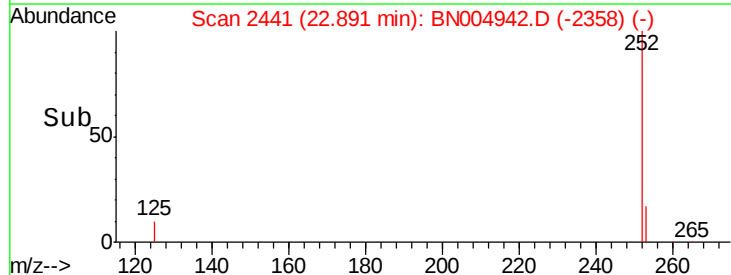
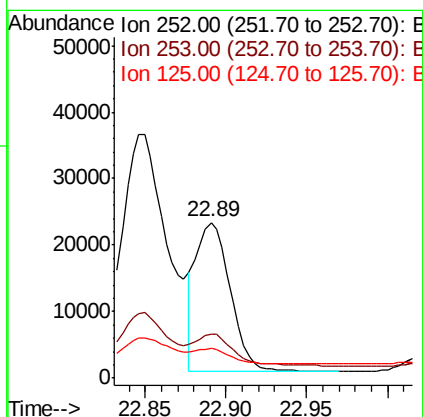
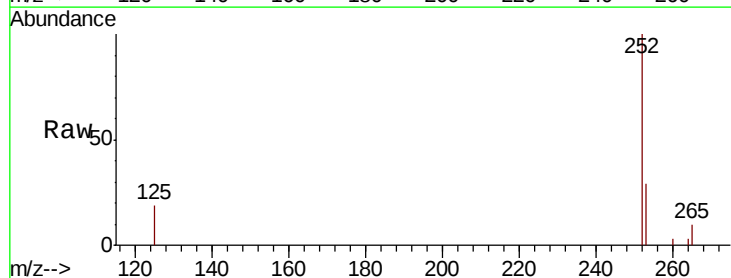
Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

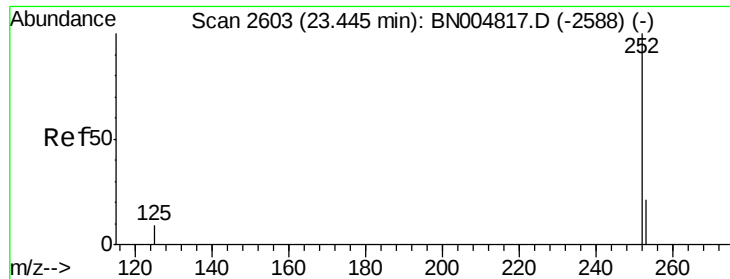
Tgt Ion:252 Resp: 69614
Ion Ratio Lower Upper
252 100
253 26.8 19.0 28.4
125 16.5 7.4 11.2#



#36
Benzo(k)fluoranthene
Concen: 0.504 ng
RT: 22.89 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BN004942.D
Acq: 24 Mar 2019 17:01

Tgt Ion:252 Resp: 33089
Ion Ratio Lower Upper
252 100
253 28.6 19.3 28.9
125 18.9 7.4 11.0#





#37

Benzo(a)pyrene

Concen: 0.715 ng

RT: 23.42 min Scan# 2597

Delta R.T. -0.02 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919

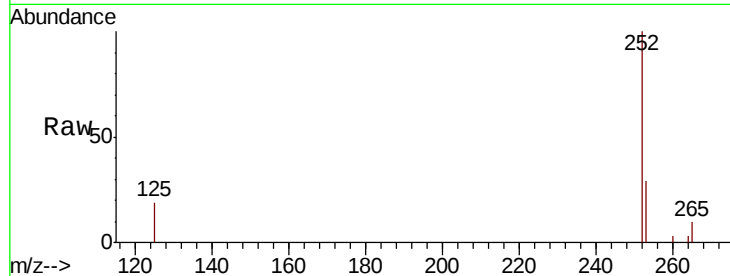
Tgt Ion:252 Resp: 43798

Ion Ratio Lower Upper

252 100

253 28.6 19.7 29.5

125 19.4 8.3 12.5#

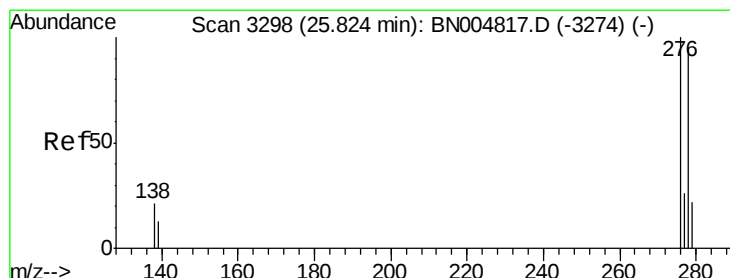
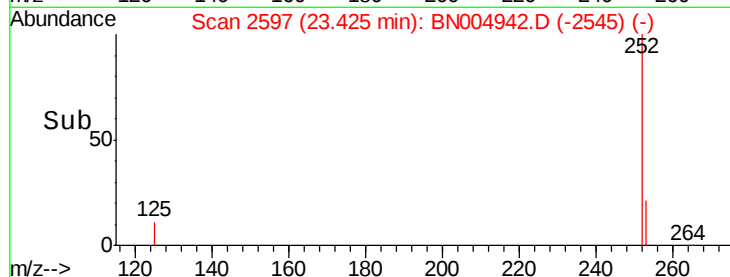
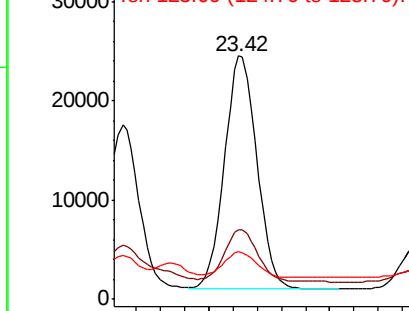


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.326 ng

RT: 25.80 min Scan# 3290

Delta R.T. -0.03 min

Lab File: BN004942.D

Acq: 24 Mar 2019 17:01

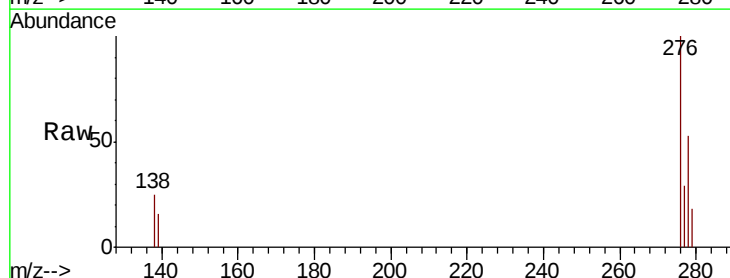
Tgt Ion:278 Resp: 23140

Ion Ratio Lower Upper

278 100

139 30.0 11.7 17.5#

279 34.7 19.9 29.9#

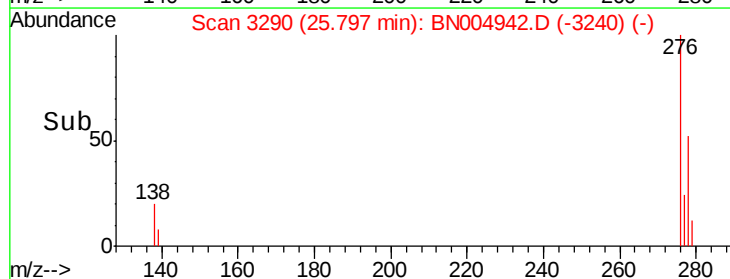
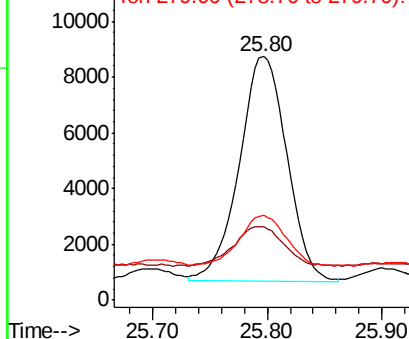


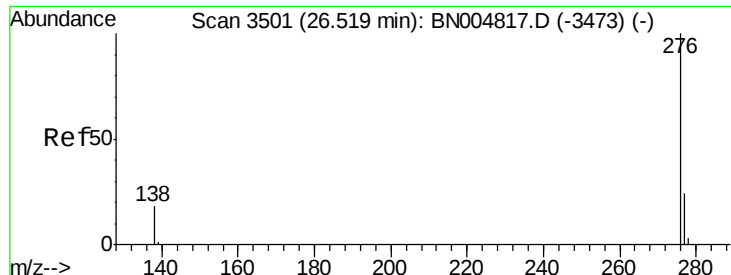
Abundance

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





#39

Benzo(g,h,i)perylene

Concen: 0.681 ng

RT: 26.48 min Scan# 3491

Delta R.T. -0.03 min

Lab File: BN004942.D

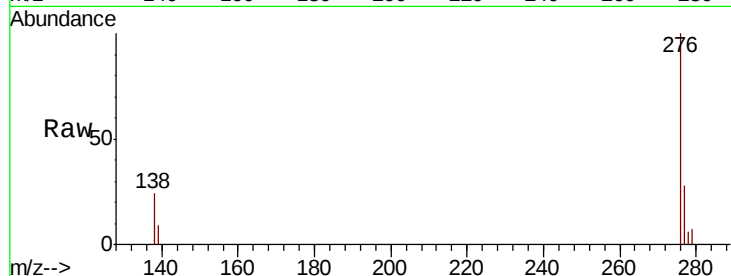
Acq: 24 Mar 2019 17:01

Instrument :

BNA_N

ClientSampleId :

PST-025-B028-031919



Tgt Ion: 276 Resp: 49248

Ion Ratio Lower Upper

276 100

277 28.3 19.7 29.5

138 24.3 14.6 22.0#

