

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
 Data File : BN004941.D
 Acq On : 24 Mar 2019 16:26
 Operator : JU/SJ
 Sample : K2015-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-025-SW036-031919

Quant Time: Mar 25 02:56:57 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	3168	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	12429	0.40	ng	-0.03
13) Acenaphthene-d10	14.32	164	6293	0.40	ng	-0.02
19) Phenanthrene-d10	17.08	188	13273	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	15373	0.40	ng	-0.01
34) Perylene-d12	23.53	264	15980	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.28	112	3751	0.44	ng	0.00
5) Phenol-d6	6.86	99	4545	0.42	ng	-0.02
8) Nitrobenzene-d5	8.84	82	3761	0.46	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	8152	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	15.83	330	1629	0.37	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	10933	0.42	ng	-0.02
25) Fluoranthene-d10	19.12	212	15533	0.35	ng	-0.01
29) Terphenyl-d14	19.71	244	10494	0.33	ng	-0.01

Target Compounds

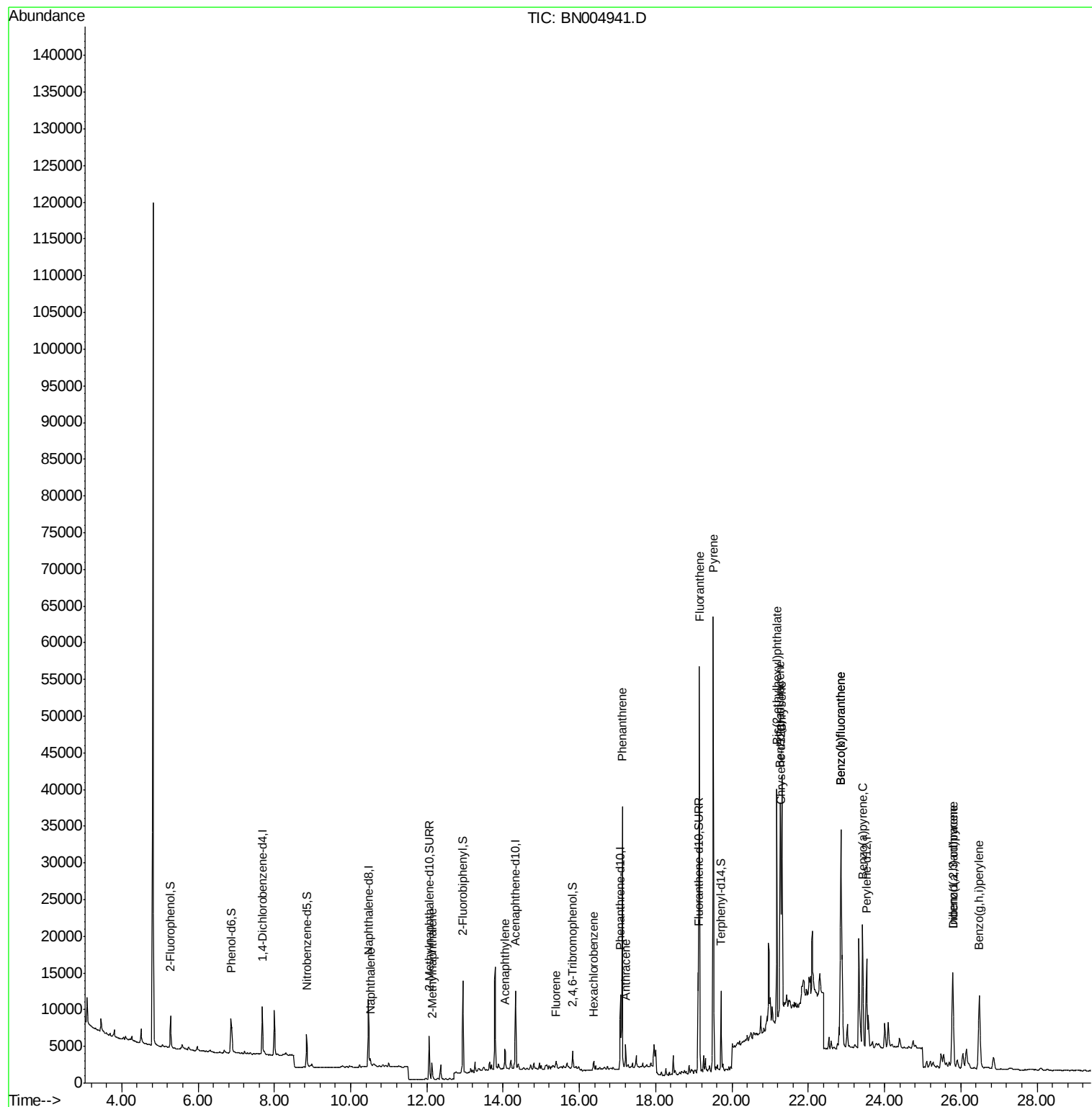
						Qvalue
9) Naphthalene	10.52	128	1236	0.035	ng	# 82
12) 2-Methylnaphthalene	12.14	142	1613	0.062	ng	97
16) Acenaphthylene	14.04	152	3391	0.105	ng	97
18) Fluorene	15.38	166	871	0.029	ng	86
21) Hexachlorobenzene	16.38	284	651	0.066	ng	# 90
23) Phenanthrene	17.12	178	36777	0.858	ng	99
24) Anthracene	17.21	178	3748	0.098	ng	96
26) Fluoranthene	19.15	202	48771	0.885	ng	98
28) Pyrene	19.51	202	54747	1.168	ng	97
30) Benzo(a)anthracene	21.26	228	23337	0.463	ng	95
31) Chrysene	21.31	228	30755	0.579	ng	95
32) Bis(2-ethylhexyl)phthalate	21.17	149	27241	1.352	ng	99
33) Indeno(1,2,3-cd)pyrene	25.79	276	19759	0.257	ng	98
35) Benzo(b)fluoranthene	22.85	252	37937	0.656	ng	# 64
36) Benzo(k)fluoranthene	22.85	252	37937	0.667	ng	# 65
37) Benzo(a)pyrene	23.43	252	23407	0.441	ng	# 87
38) Dibenzo(a,h)anthracene	25.80	278	5767	0.094	ng	# 45
39) Benzo(g,h,i)perylene	26.48	276	20875	0.334	ng	# 91

(#) = 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: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

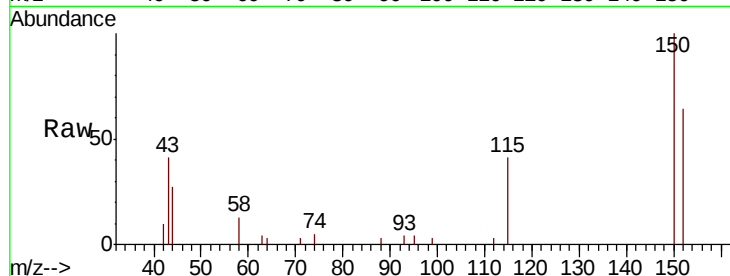
Tgt Ion:152 Resp: 3168

Ion Ratio Lower Upper

152 100

150 156.2 126.2 189.4

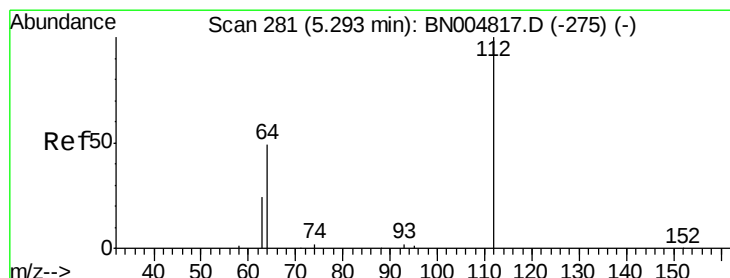
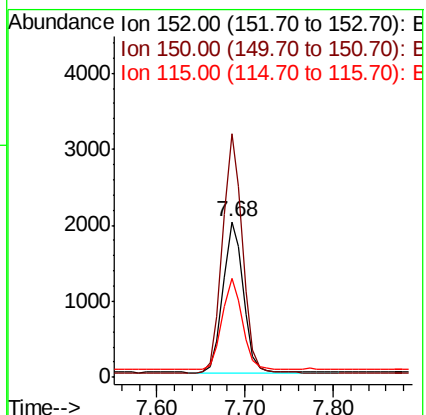
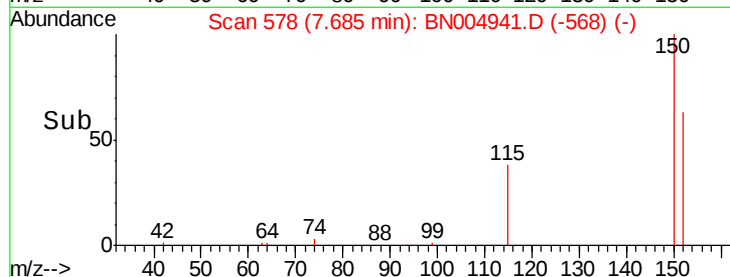
115 63.8 52.6 79.0



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



#4

2-Fluorophenol

Concen: 0.436 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

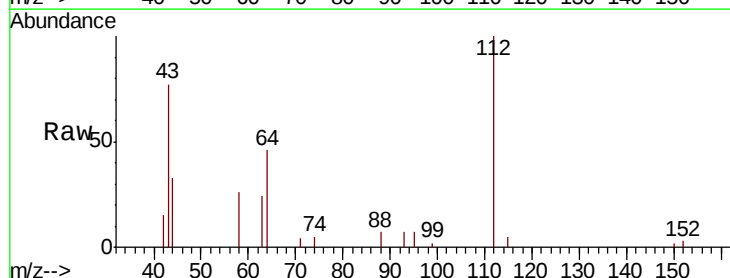
Tgt Ion:112 Resp: 3751

Ion Ratio Lower Upper

112 100

64 52.9 40.0 60.0

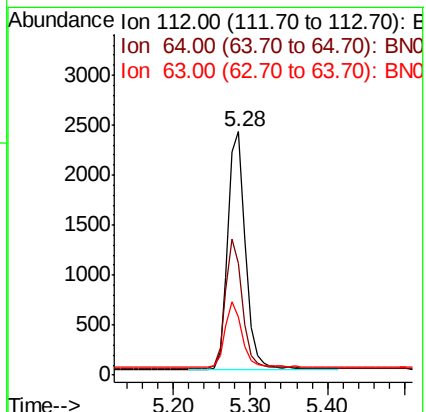
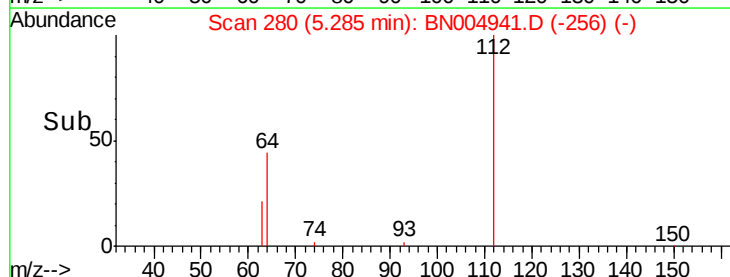
63 26.3 20.2 30.2

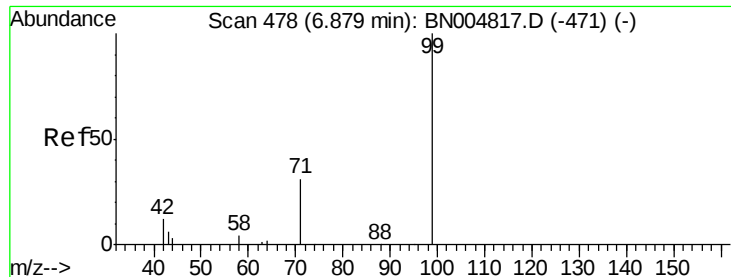


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.424 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

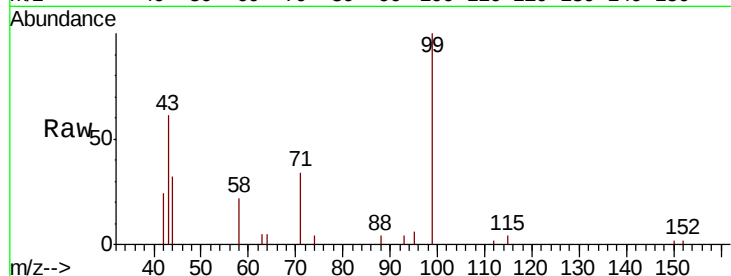
Tgt Ion: 99 Resp: 4545

Ion Ratio Lower Upper

99 100

42 17.3 12.7 19.1

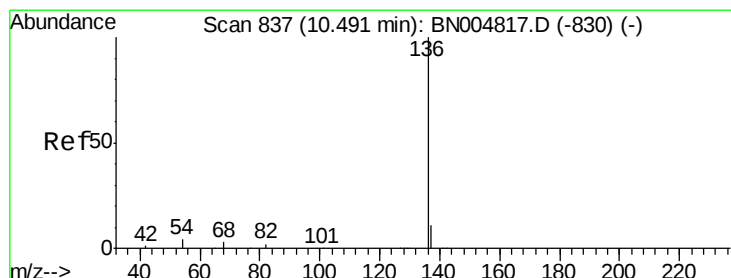
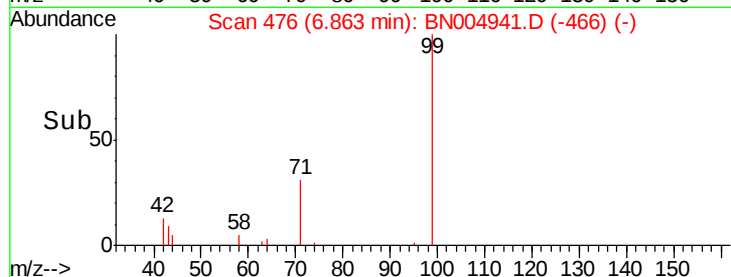
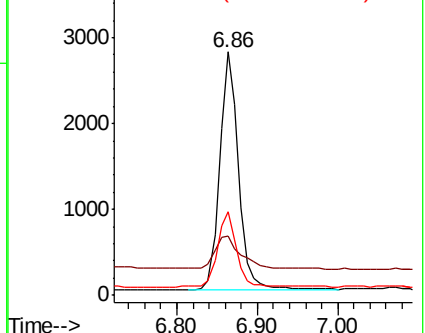
71 33.0 26.6 40.0



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.03 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Tgt Ion: 136 Resp: 12429

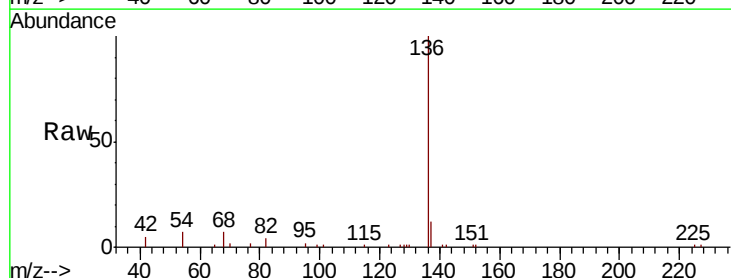
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 7.4 4.2 6.2#

68 6.5 3.9 5.9#

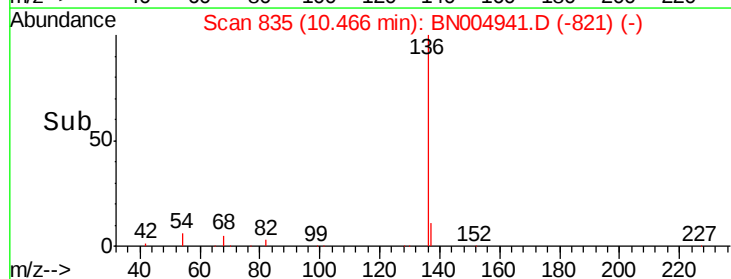
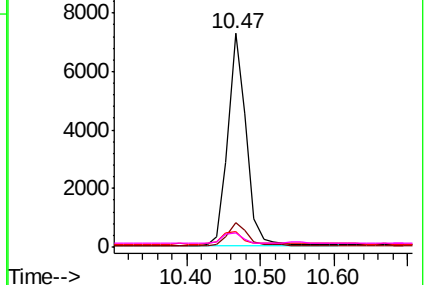


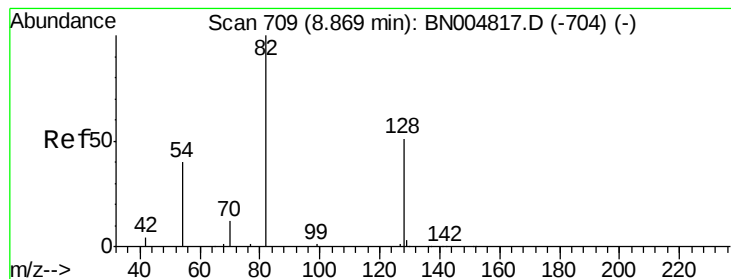
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

Ion 137.00 (136.70 to 137.70): BN004817.D (-830) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-830) (-)

Ion 68.00 (67.70 to 68.70): BN004817.D (-830) (-)





#8

Nitrobenzene-d5

Concen: 0.457 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

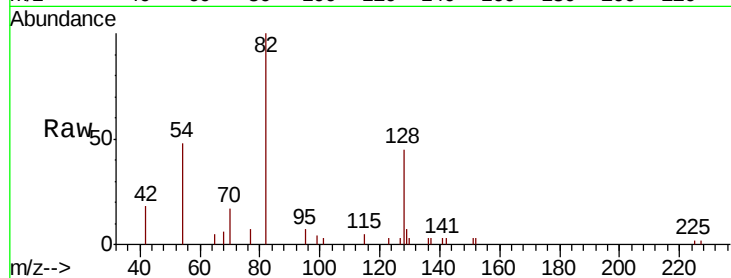
Tgt Ion: 82 Resp: 3761

Ion Ratio Lower Upper

82 100

128 44.9 43.0 64.6

54 48.1 35.3 52.9

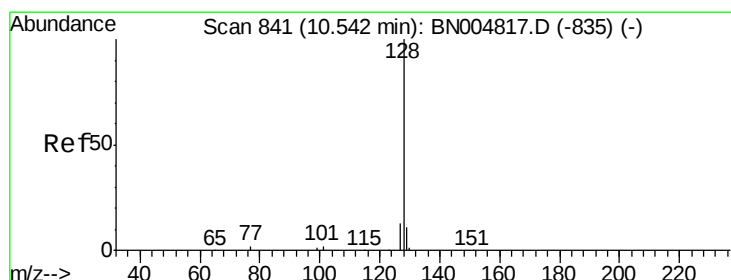
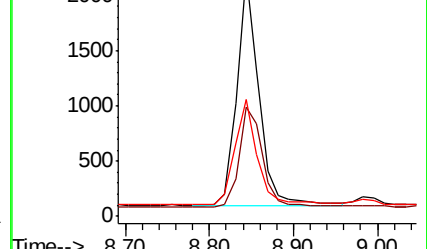
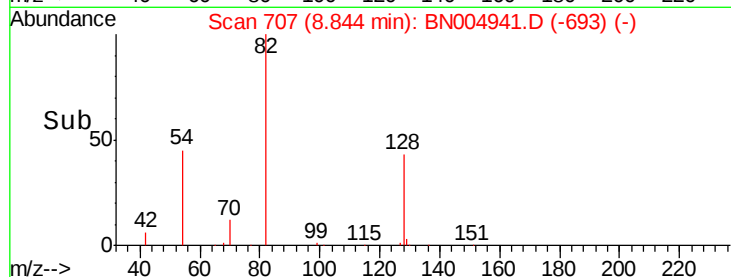


Abundance Ion 82.00 (81.70 to 82.70): BN004817.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN004817.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-704) (-)

Time--> 8.70 8.80 8.90 9.00



#9

Naphthalene

Concen: 0.035 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

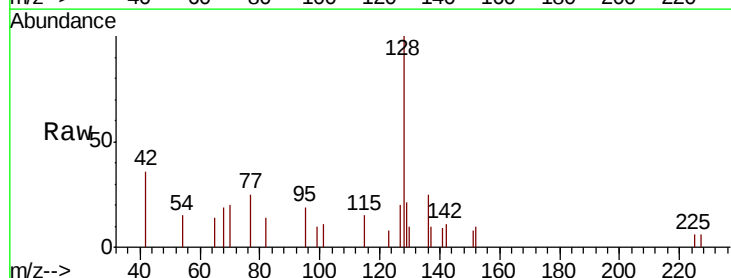
Tgt Ion: 128 Resp: 1236

Ion Ratio Lower Upper

128 100

129 20.8 9.9 14.9#

127 20.2 11.3 16.9#

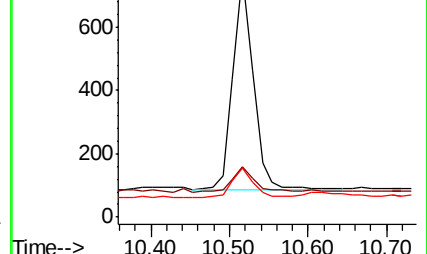
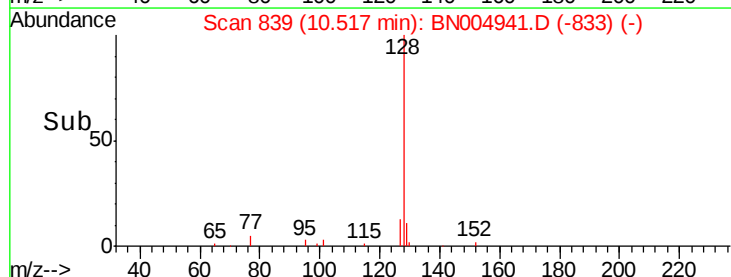


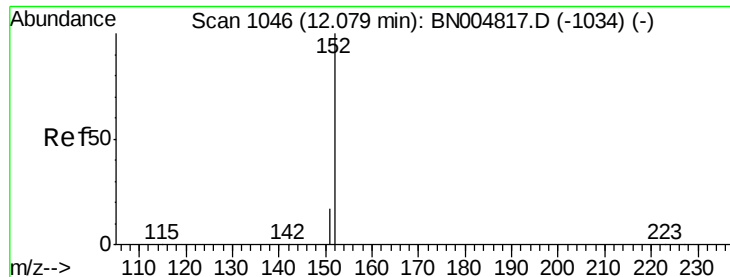
Abundance Ion 128.00 (127.70 to 128.70): BN004817.D (-835) (-)

Ion 129.00 (128.70 to 129.70): BN004817.D (-835) (-)

Ion 127.00 (126.70 to 127.70): BN004817.D (-835) (-)

Time--> 10.40 10.50 10.60 10.70

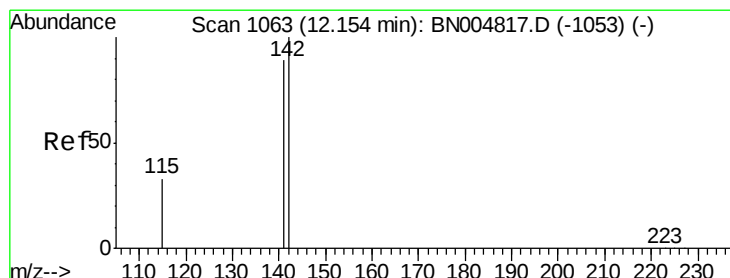
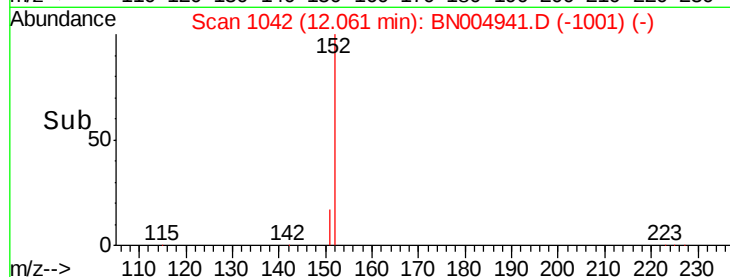
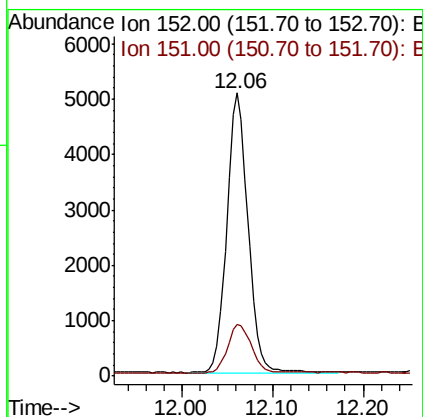
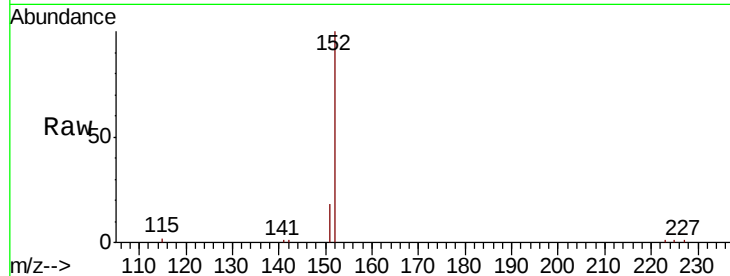




#11
 2-Methylnaphthalene-d10
 Concen: 0.376 ng
 RT: 12.06 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BN004941.D
 Acq: 24 Mar 2019 16:26

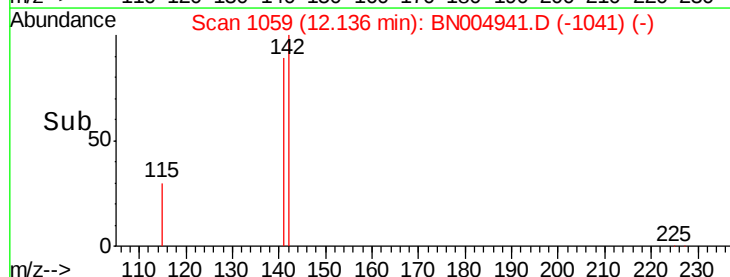
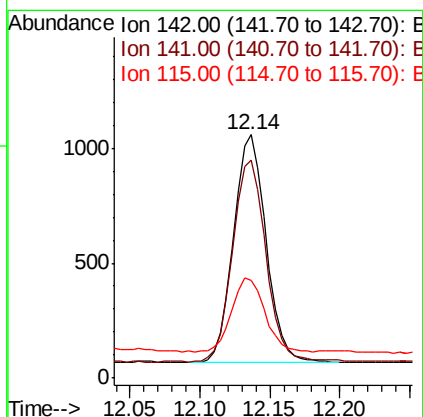
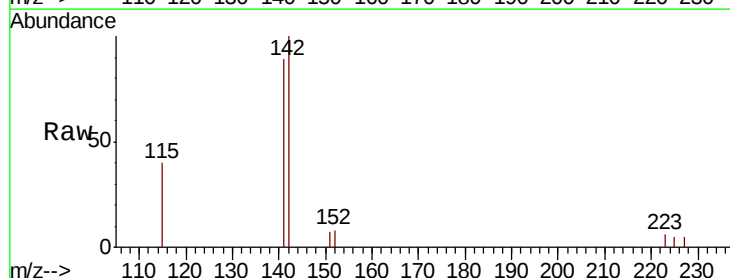
Instrument :
 BNA_N
 ClientSampleId :
 EXT-025-SW036-031919

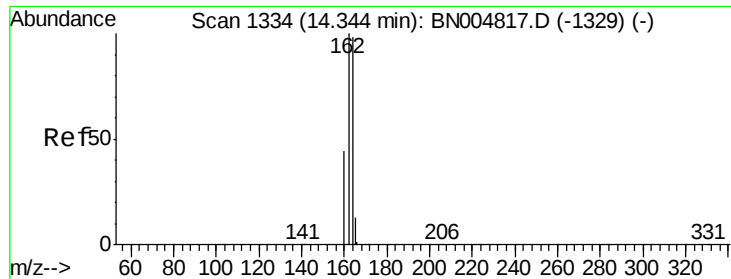
Tgt Ion:152 Resp: 8152
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.062 ng
 RT: 12.14 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BN004941.D
 Acq: 24 Mar 2019 16:26

Tgt Ion:142 Resp: 1613
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2
 115 40.3 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: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

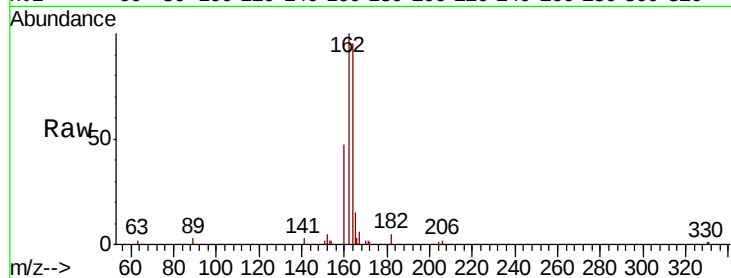
Tgt Ion:164 Resp: 6293

Ion Ratio Lower Upper

164 100

162 105.4 81.9 122.9

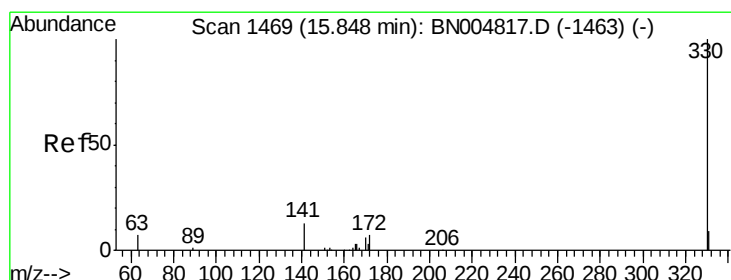
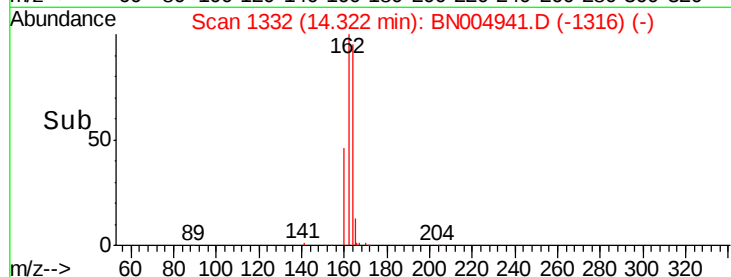
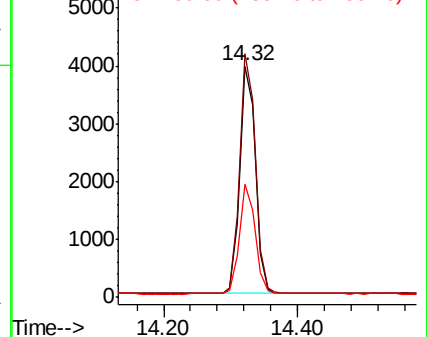
160 49.0 36.6 54.8



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: 0.375 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

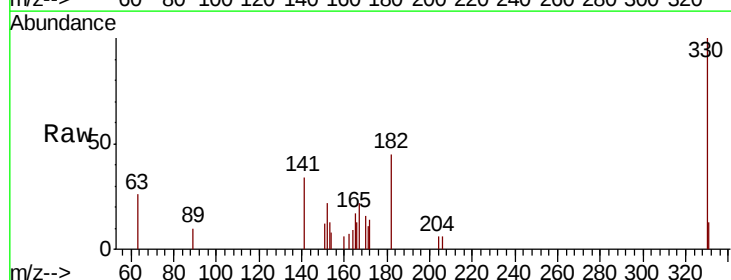
Tgt Ion:330 Resp: 1629

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

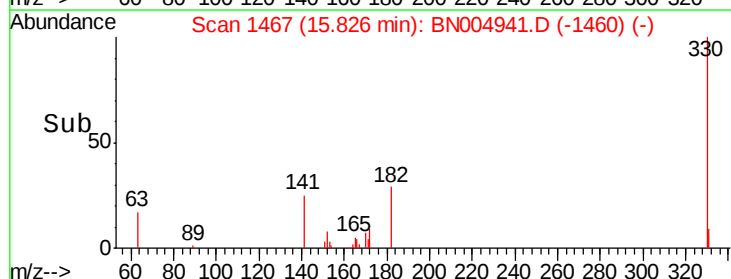
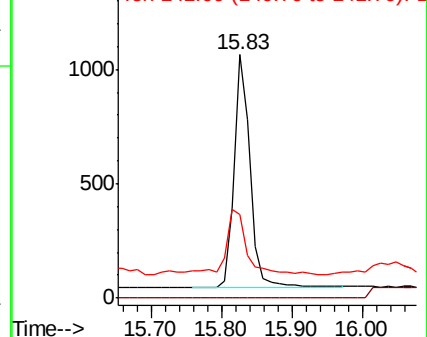
141 37.3 20.9 31.3#

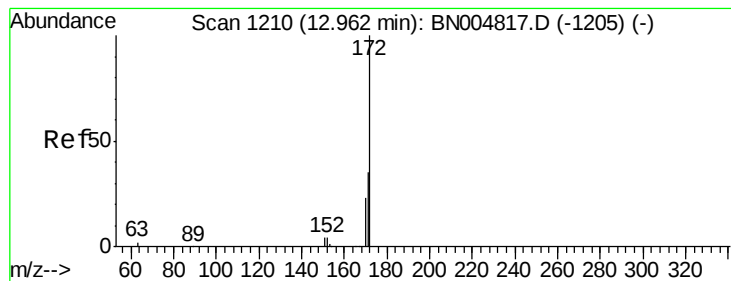


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.420 ng

RT: 12.94 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

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ClientSampleId :

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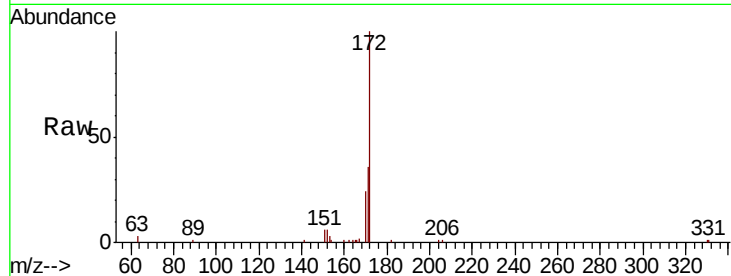
Tgt Ion:172 Resp: 10933

Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

170 24.0 18.7 28.1

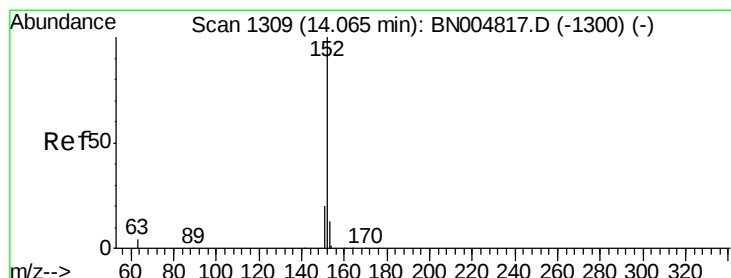
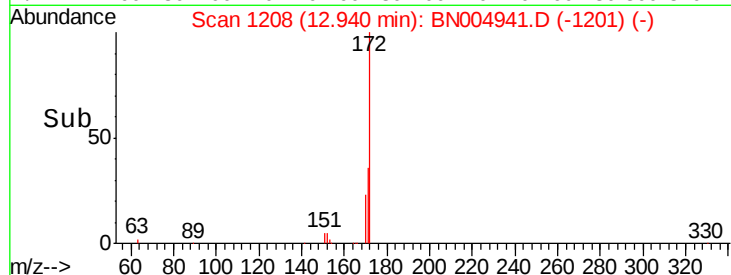
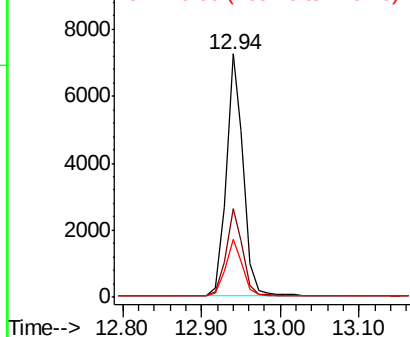


Abundance

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: 0.105 ng

RT: 14.04 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

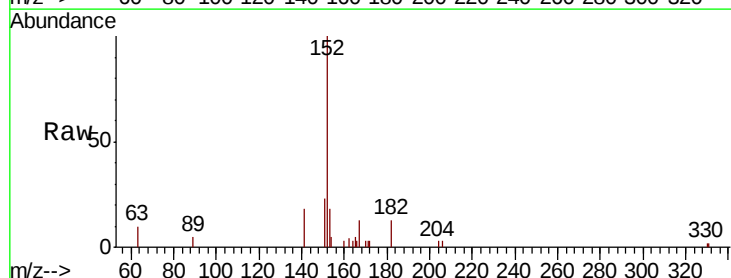
Tgt Ion:152 Resp: 3391

Ion Ratio Lower Upper

152 100

151 20.8 16.1 24.1

153 14.9 10.5 15.7

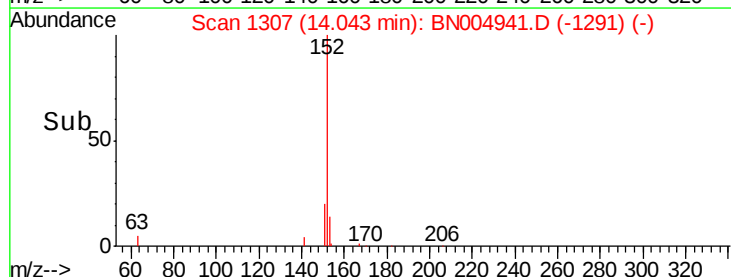
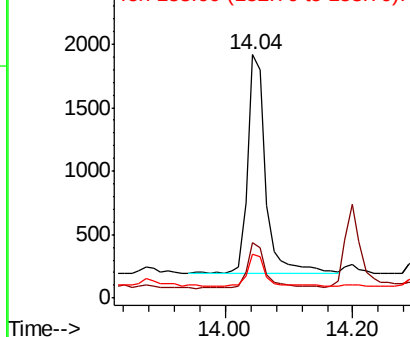


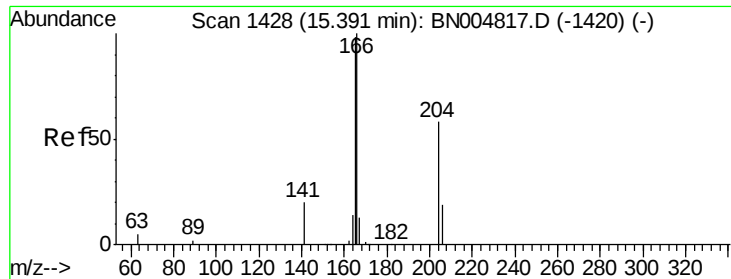
Abundance

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





#18

Fluorene

Concen: 0.029 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

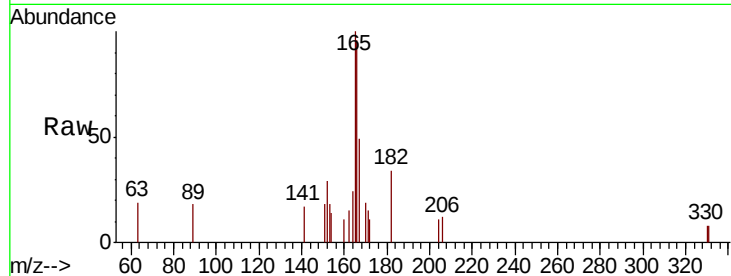
Tgt Ion:166 Resp: 871

Ion Ratio Lower Upper

166 100

165 113.2 78.2 117.4

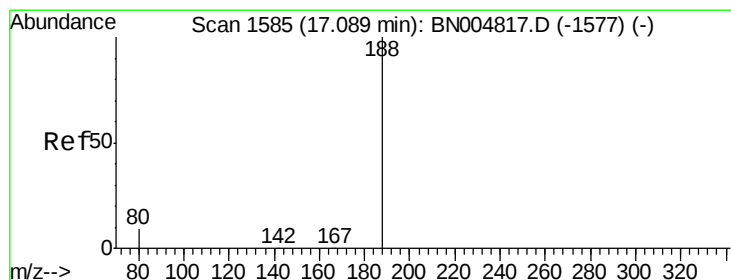
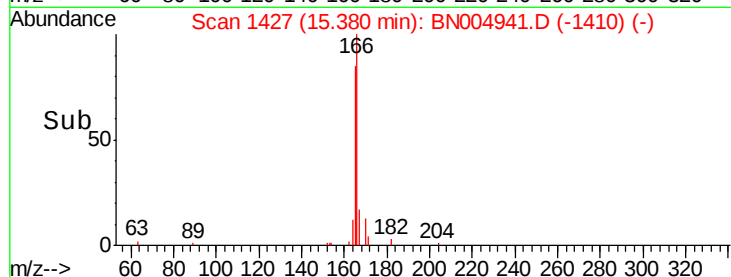
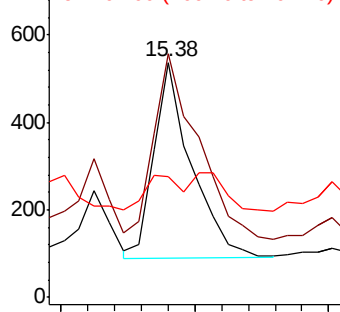
167 16.3 11.0 16.4



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: BN004941.D

Acq: 24 Mar 2019 16:26

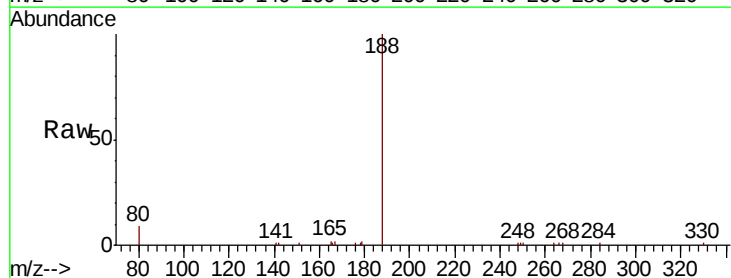
Tgt Ion:188 Resp: 13273

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

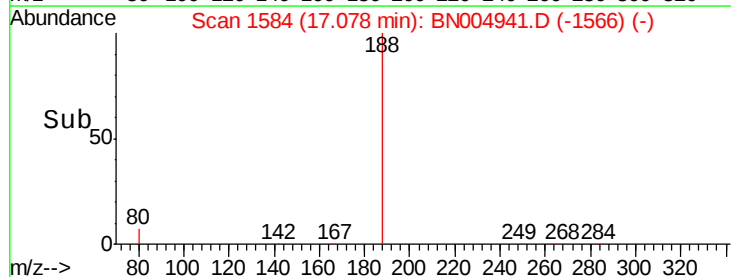
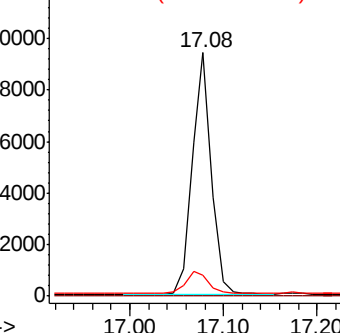
80 8.8 7.4 11.2

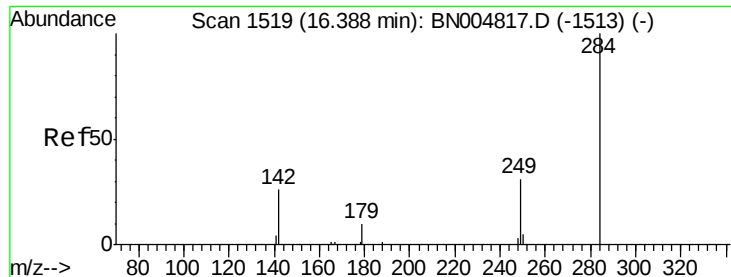


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#21

Hexachlorobenzene

Concen: 0.066 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

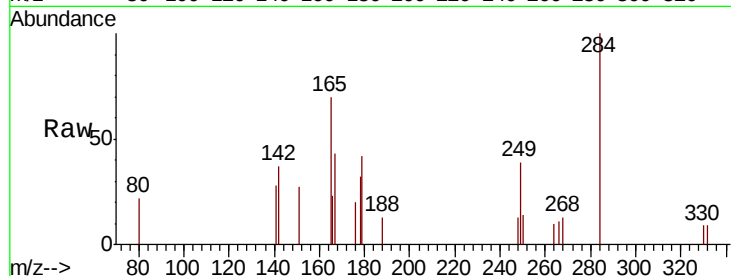
Tgt Ion:284 Resp: 651

Ion Ratio Lower Upper

284 100

142 34.7 22.6 34.0#

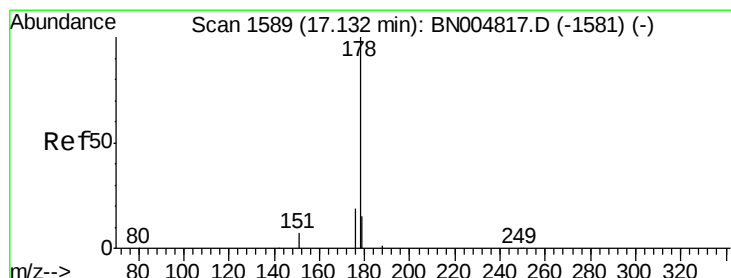
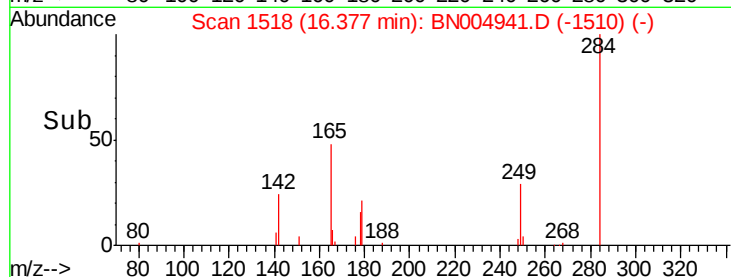
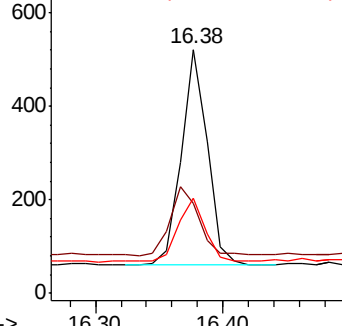
249 32.3 22.5 33.7



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



#23

Phenanthrene

Concen: 0.858 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

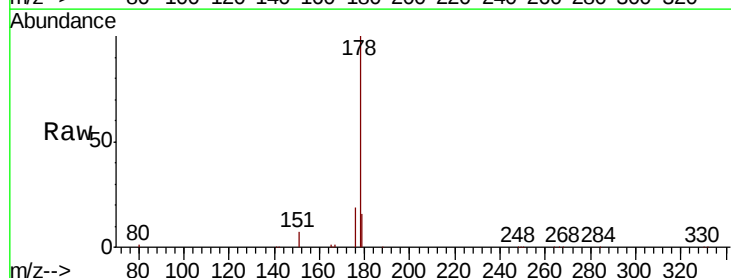
Tgt Ion:178 Resp: 36777

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

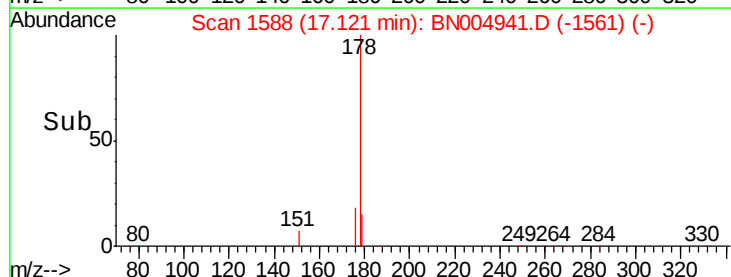
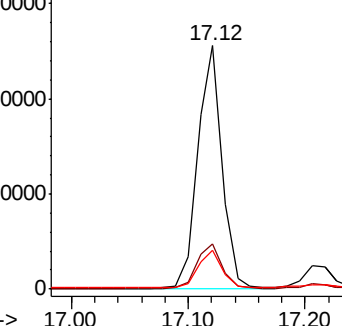
179 15.7 12.1 18.1

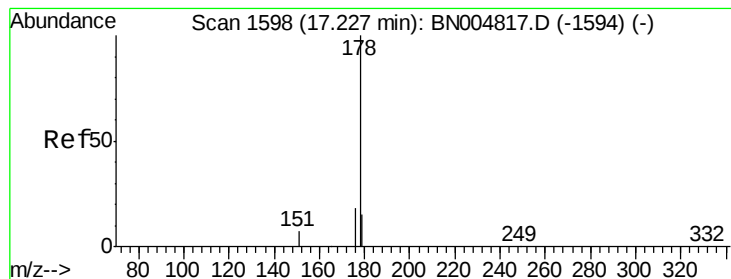


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.098 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

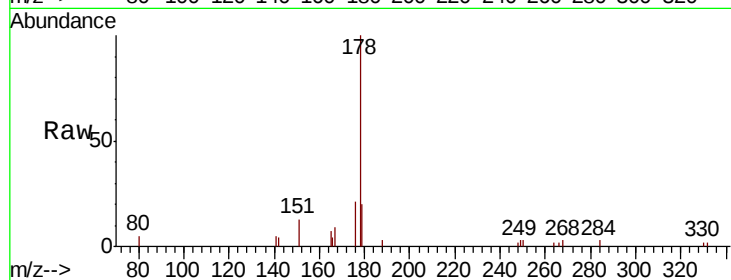
Tgt Ion:178 Resp: 3748

Ion Ratio Lower Upper

178 100

176 19.7 14.5 21.7

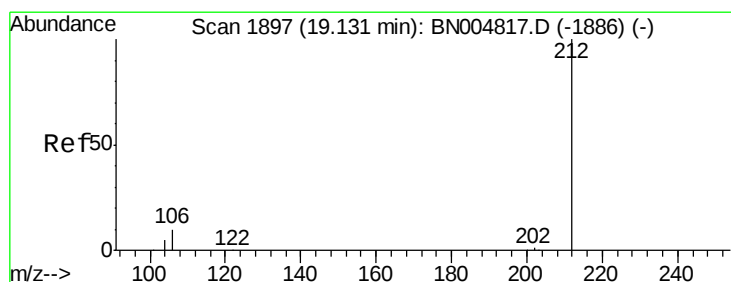
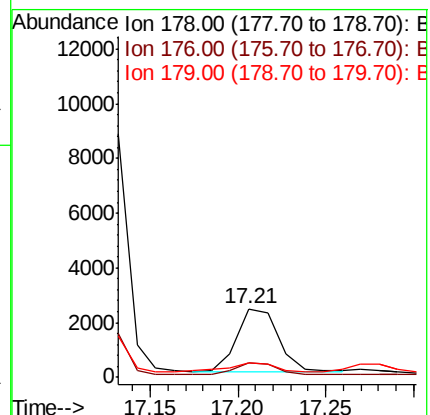
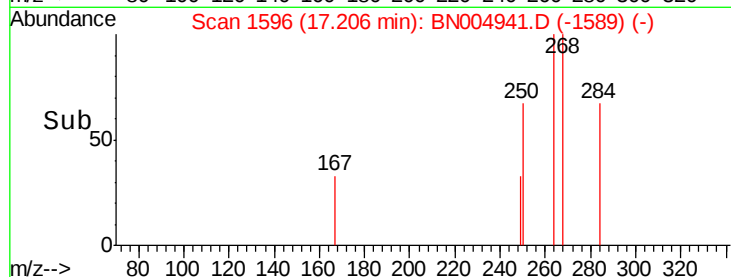
179 16.7 12.2 18.4



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: 0.349 ng

RT: 19.12 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

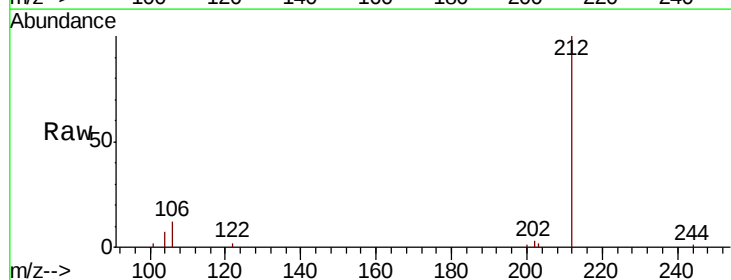
Tgt Ion:212 Resp: 15533

Ion Ratio Lower Upper

212 100

106 12.8 8.6 13.0

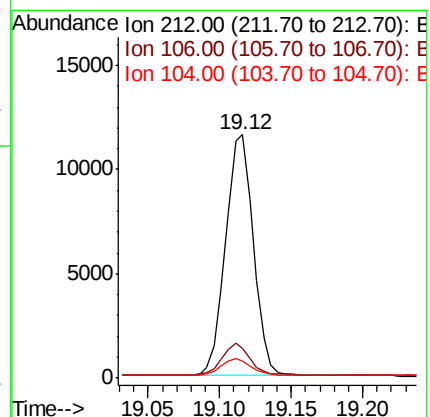
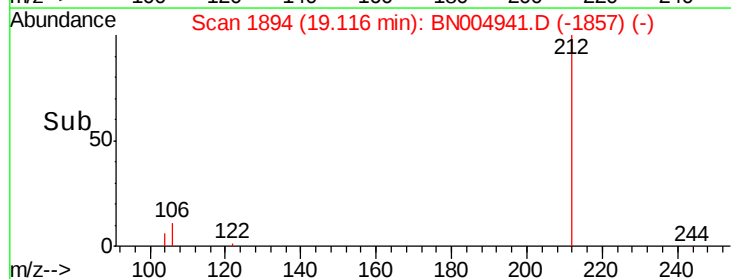
104 7.2 4.7 7.1#

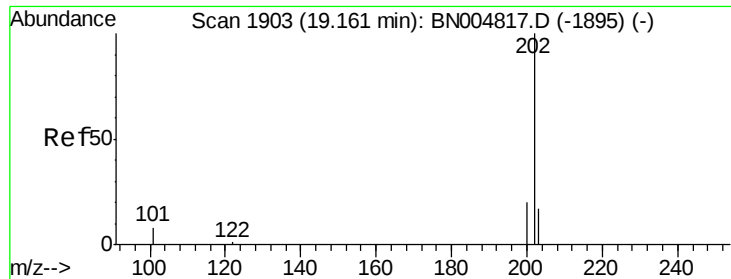


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

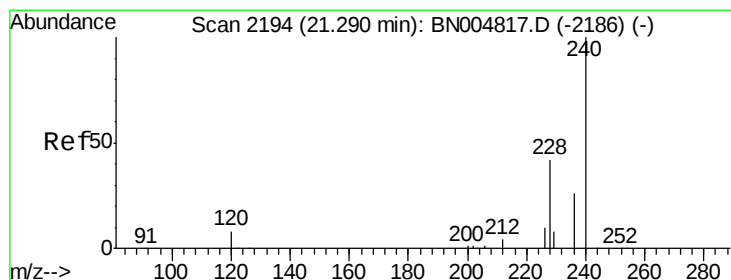
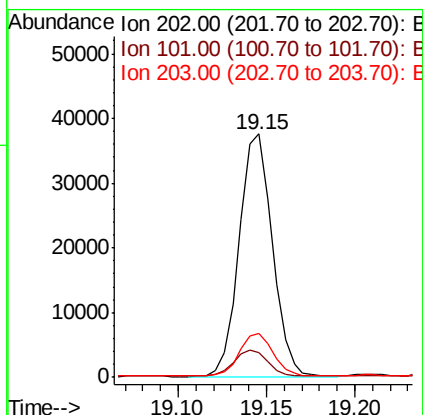
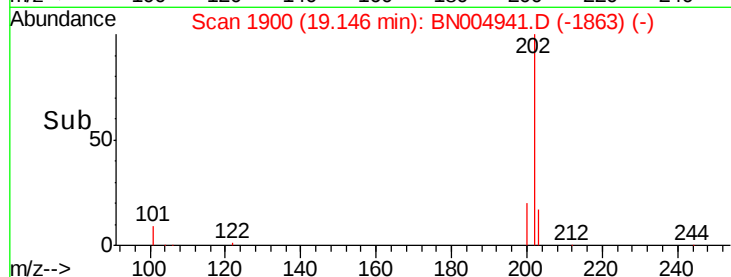
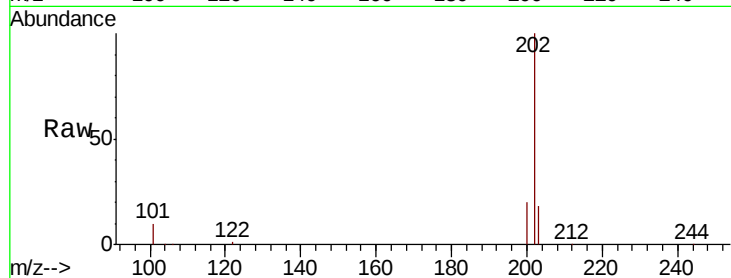




#26
Fluoranthene
Concen: 0.885 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

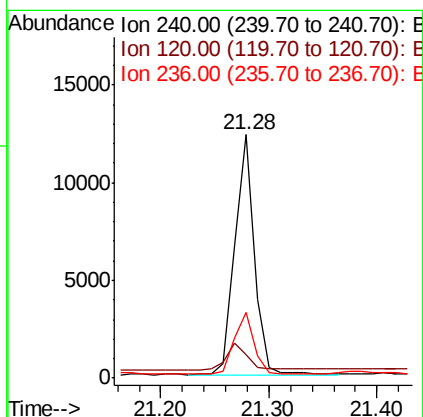
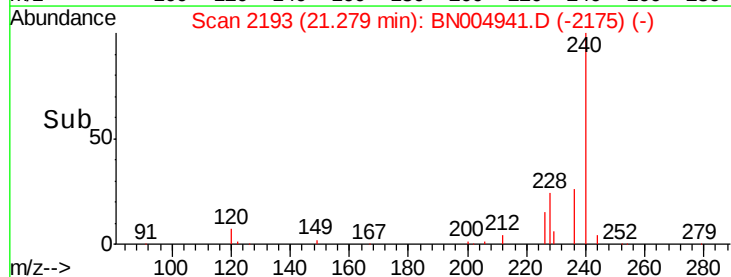
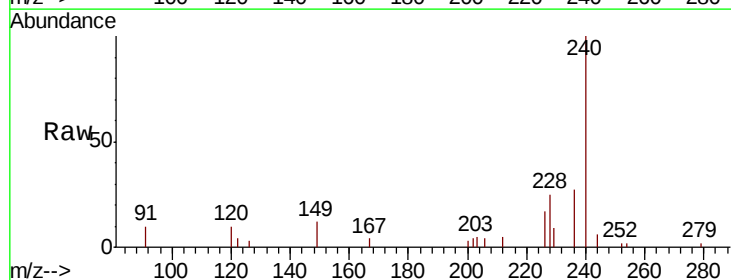
Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

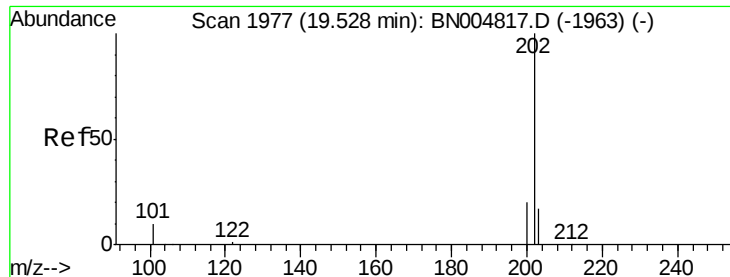
Tgt Ion:202 Resp: 48771
Ion Ratio Lower Upper
202 100
101 11.0 7.5 11.3
203 17.6 13.8 20.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:240 Resp: 15373
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 27.0 20.9 31.3





#28

Pyrene

Concen: 1.168 ng

RT: 19.51 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

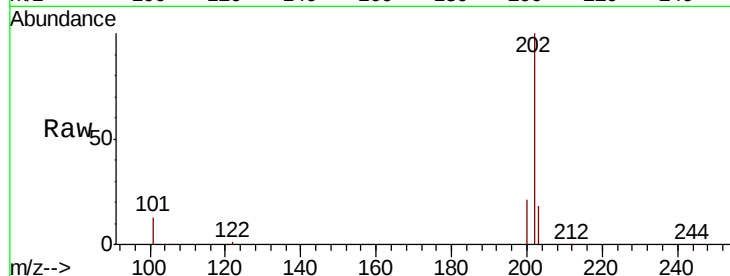
Tgt Ion:202 Resp: 54747

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

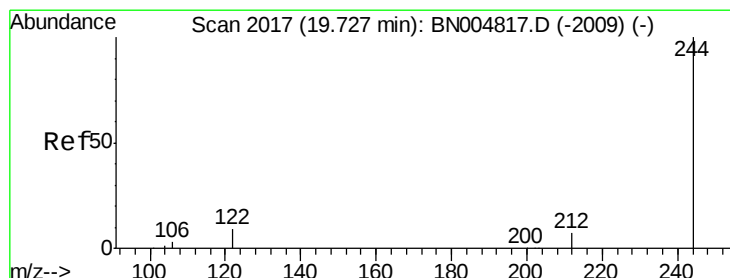
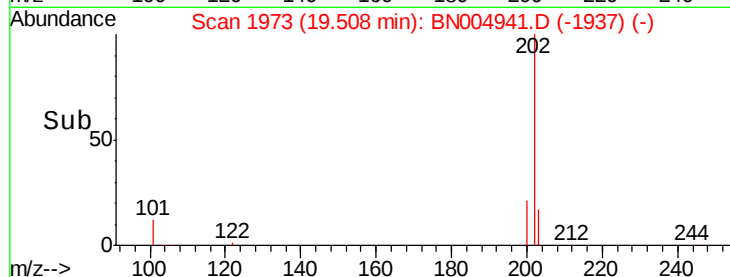
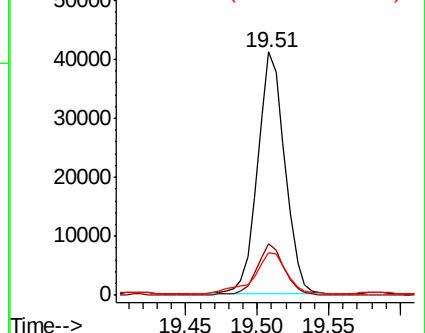
203 20.4 14.0 21.0



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: 0.334 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

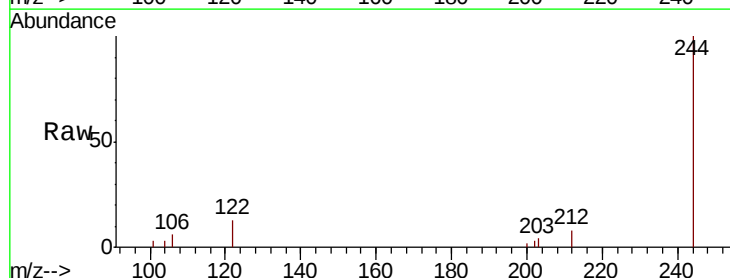
Tgt Ion:244 Resp: 10494

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

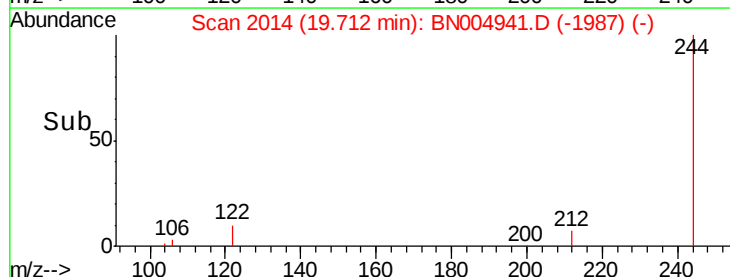
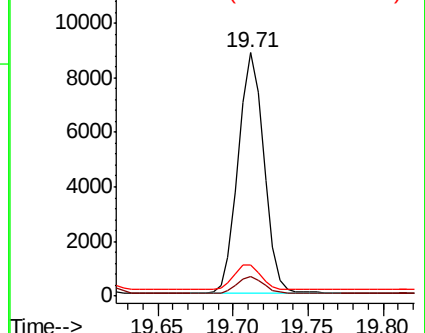
122 12.8 7.9 11.9#

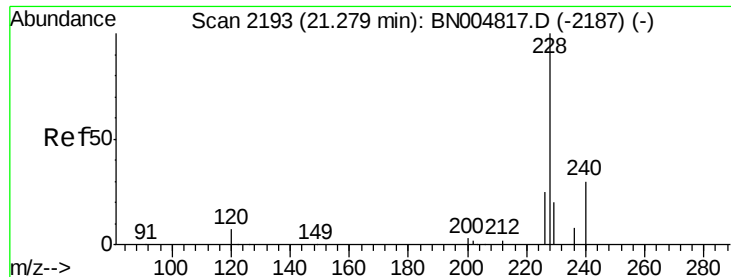


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.463 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

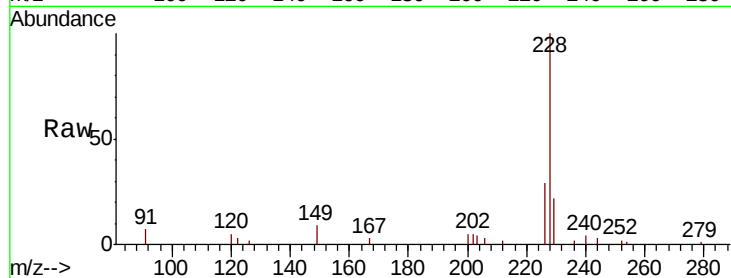
Tgt Ion:228 Resp: 23337

Ion Ratio Lower Upper

228 100

226 28.9 20.6 31.0

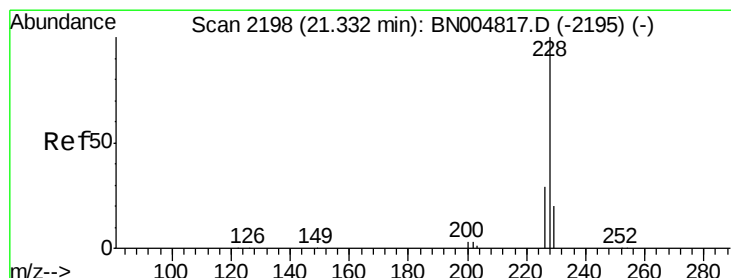
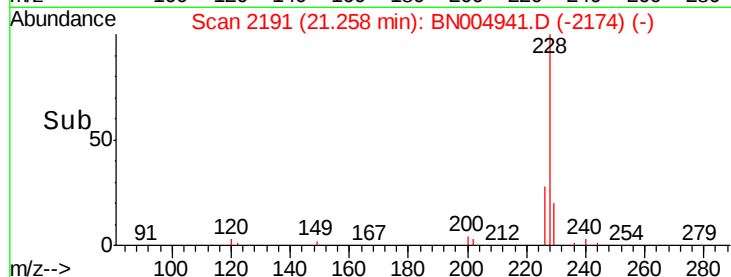
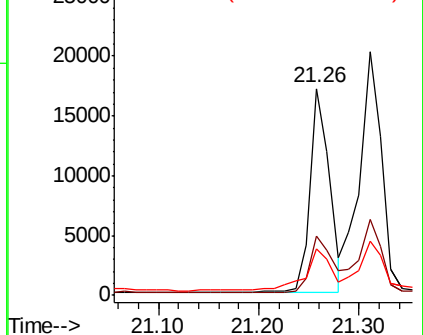
229 22.3 16.2 24.4



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: 0.579 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

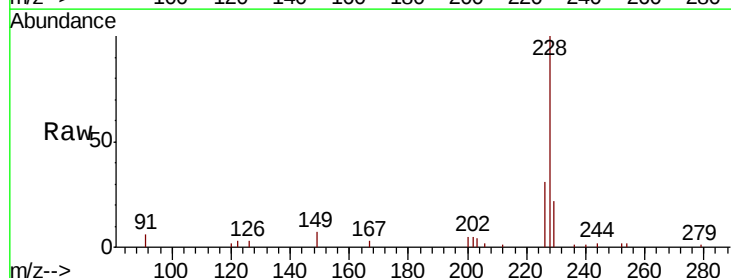
Tgt Ion:228 Resp: 30755

Ion Ratio Lower Upper

228 100

226 31.3 23.0 34.6

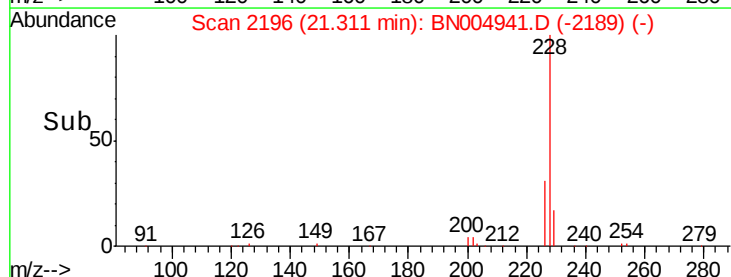
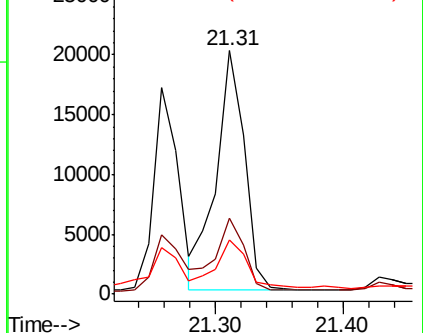
229 22.4 16.2 24.2

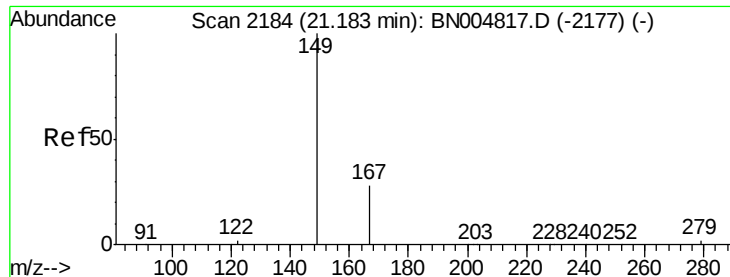


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.352 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

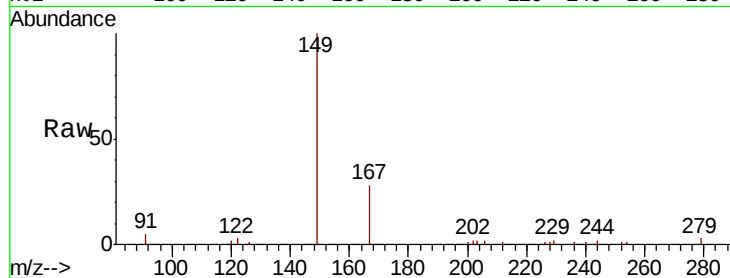
Tgt Ion:149 Resp: 27241

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.4

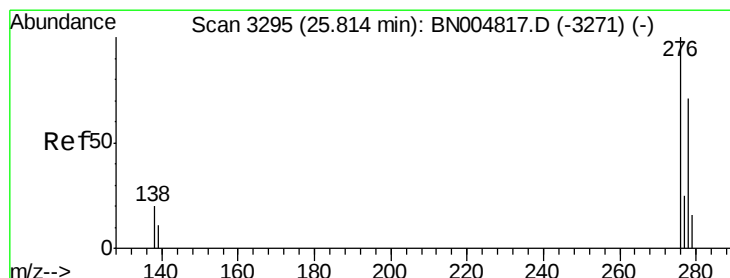
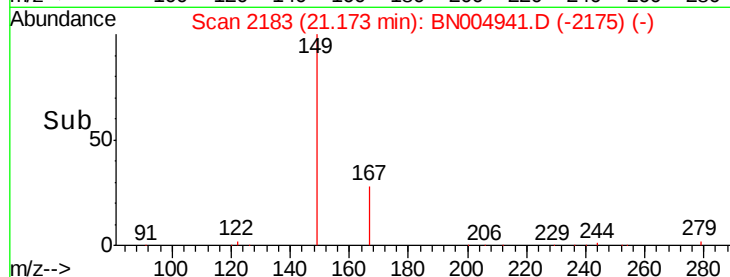
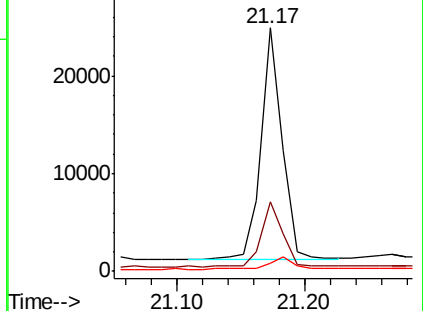
279 5.2 4.6 6.8



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: 0.257 ng

RT: 25.79 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

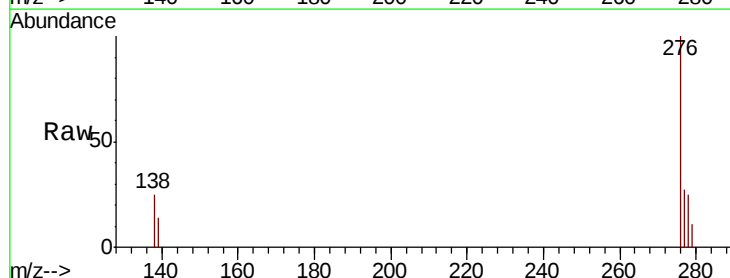
Tgt Ion:276 Resp: 19759

Ion Ratio Lower Upper

276 100

138 21.8 16.6 24.8

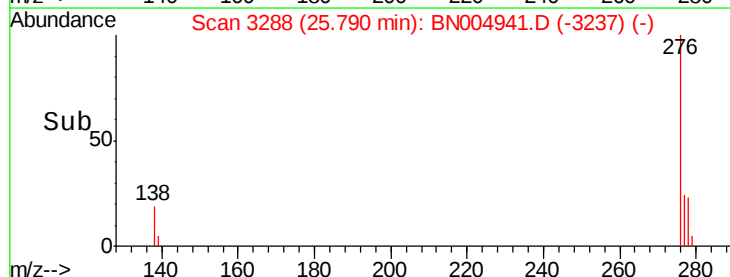
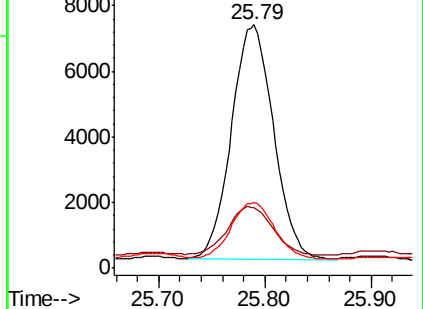
277 24.6 20.3 30.5

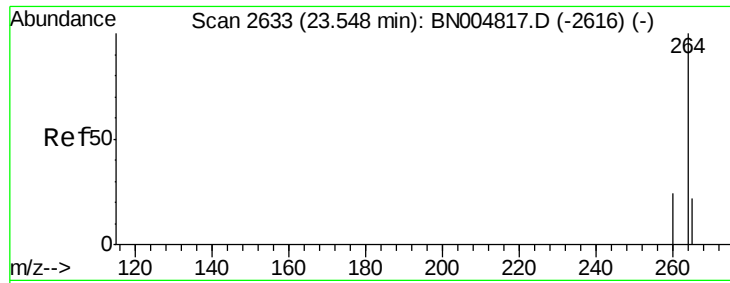


Abundance Ion 276.00 (275.70 to 276.70): E

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: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

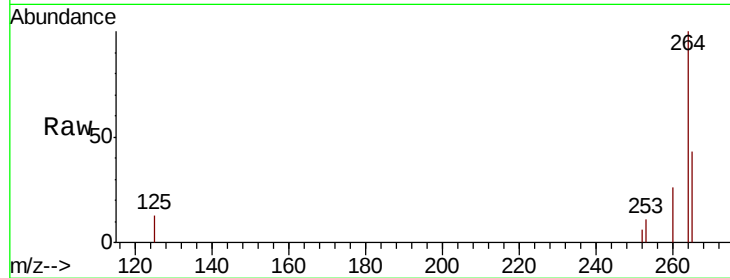
Tgt Ion:264 Resp: 15980

Ion Ratio Lower Upper

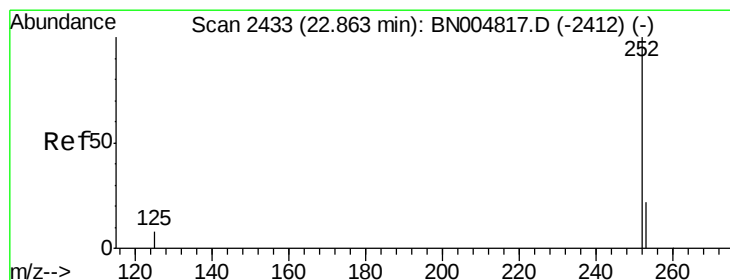
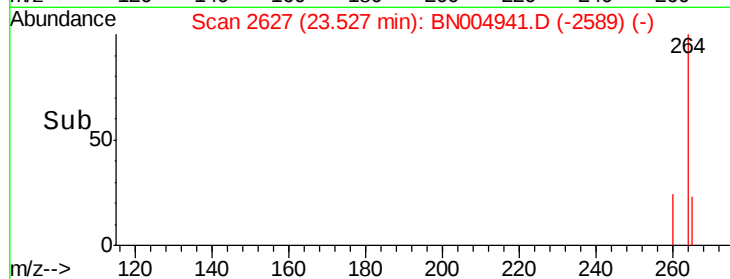
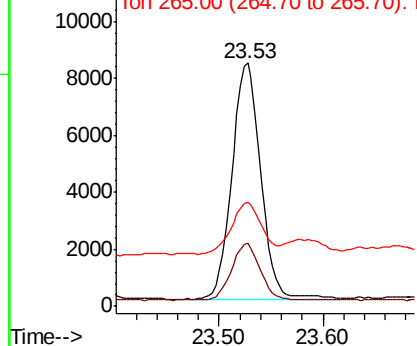
264 100

260 25.8 19.5 29.3

265 42.9 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: 0.656 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

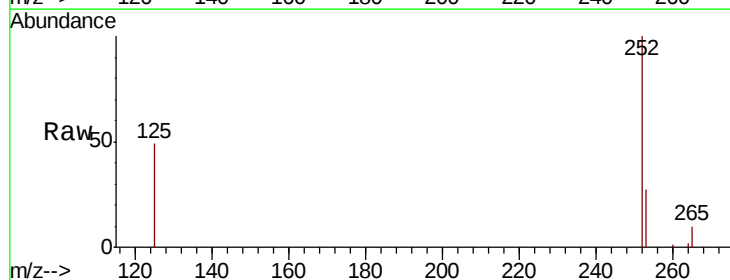
Tgt Ion:252 Resp: 37937

Ion Ratio Lower Upper

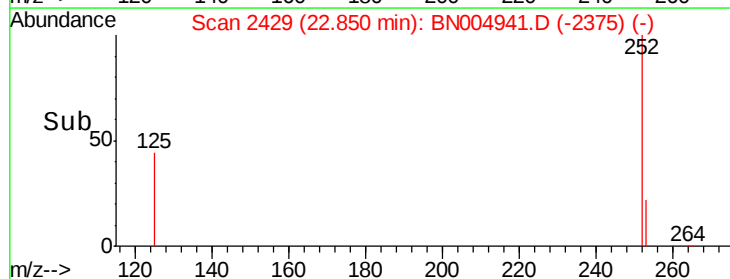
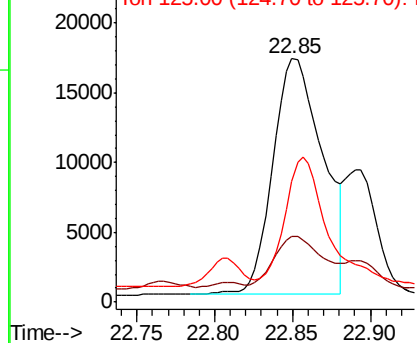
252 100

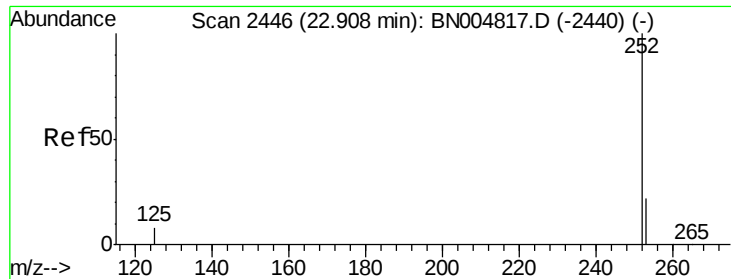
253 26.9 19.0 28.4

125 49.5 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: 0.667 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.06 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

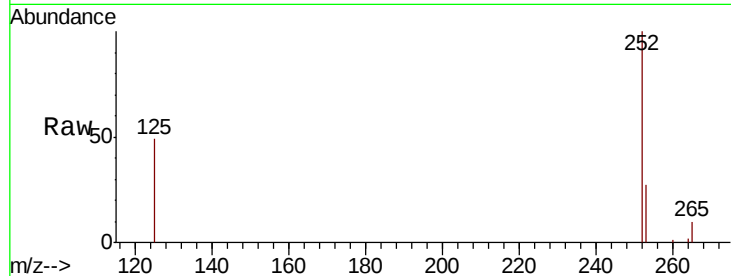
Tgt Ion:252 Resp: 37937

Ion Ratio Lower Upper

252 100

253 26.9 19.3 28.9

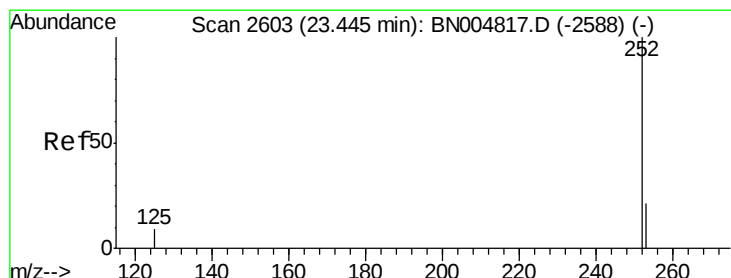
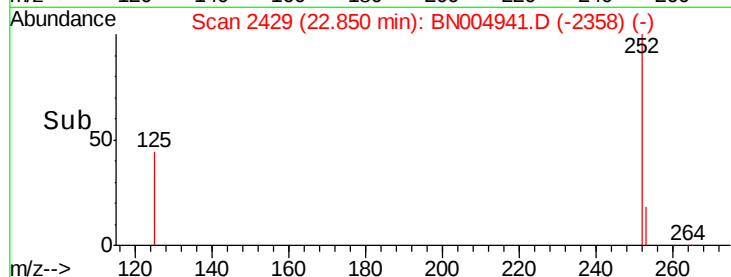
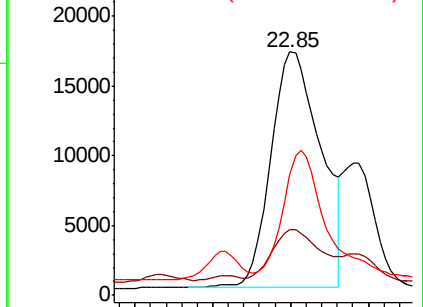
125 49.5 7.4 11.0#



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: 0.441 ng

RT: 23.43 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

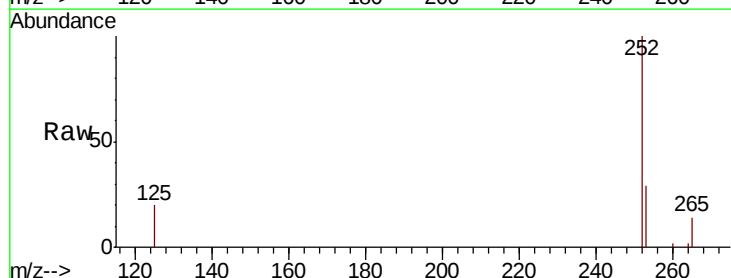
Tgt Ion:252 Resp: 23407

Ion Ratio Lower Upper

252 100

253 28.9 19.7 29.5

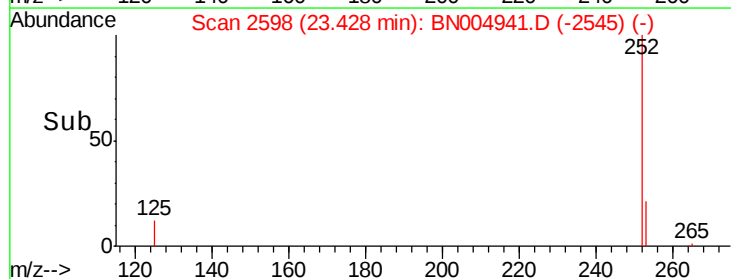
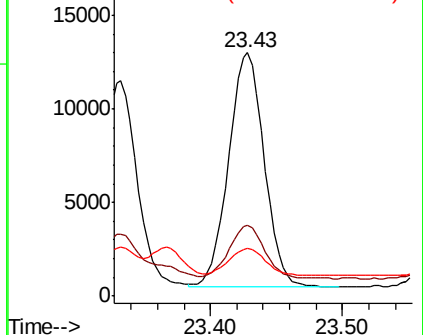
125 19.6 8.3 12.5#

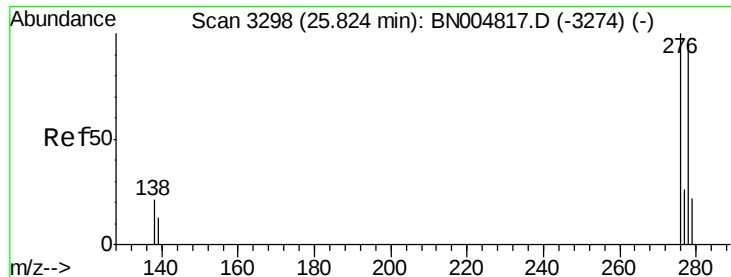


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.094 ng

RT: 25.80 min Scan# 3290

Delta R.T. -0.03 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW036-031919

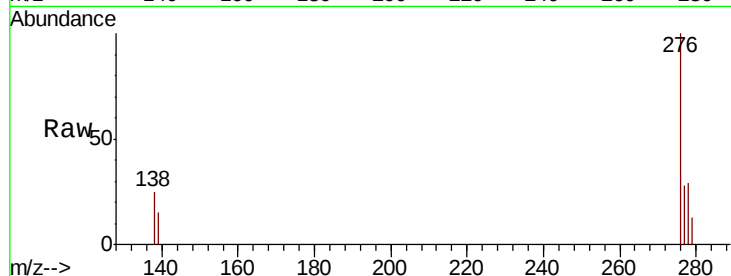
Tgt Ion: 278 Resp: 5767

Ion Ratio Lower Upper

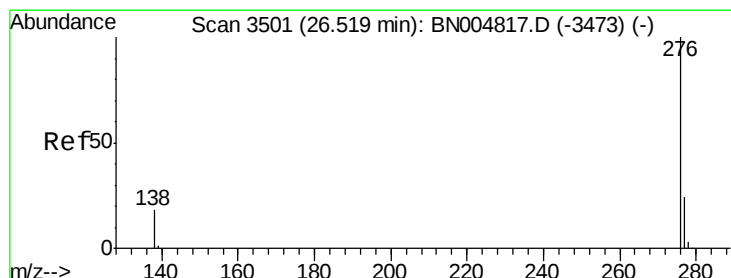
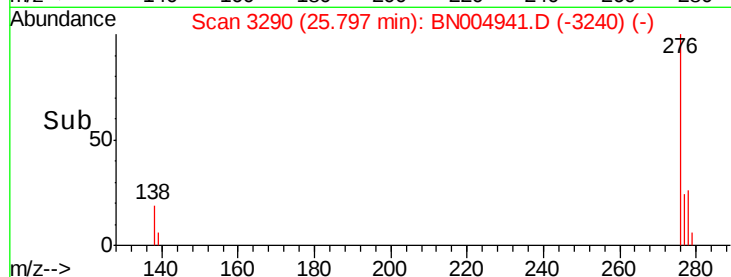
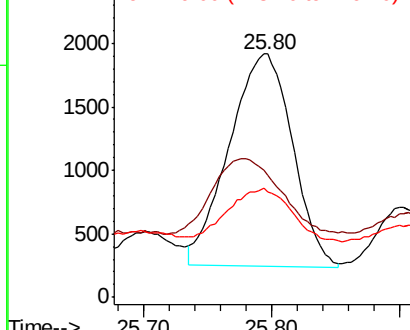
278 100

139 50.3 11.7 17.5#

279 43.4 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: 0.334 ng

RT: 26.48 min Scan# 3491

Delta R.T. -0.03 min

Lab File: BN004941.D

Acq: 24 Mar 2019 16:26

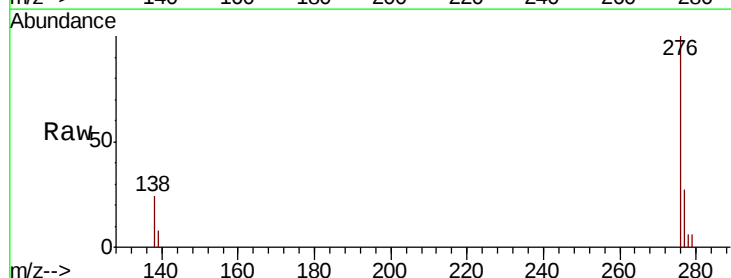
Tgt Ion: 276 Resp: 20875

Ion Ratio Lower Upper

276 100

277 27.0 19.7 29.5

138 24.5 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

