

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
 Data File : BN004936.D
 Acq On : 24 Mar 2019 13:29
 Operator : JU/SJ
 Sample : K2015-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-026-SW041-031919

Quant Time: Mar 25 02:56:02 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	3086	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	12439	0.40	ng	-0.03
13) Acenaphthene-d10	14.32	164	6675	0.40	ng	-0.02
19) Phenanthrene-d10	17.08	188	14508	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	15016	0.40	ng	-0.01
34) Perylene-d12	23.52	264	14320	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.28	112	3862	0.46	ng	-0.02
5) Phenol-d6	6.85	99	5039	0.48	ng	-0.02
8) Nitrobenzene-d5	8.84	82	3651	0.44	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	7906	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.83	330	1982	0.43	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	11464	0.42	ng	-0.02
25) Fluoranthene-d10	19.11	212	15553	0.32	ng	-0.02
29) Terphenyl-d14	19.71	244	15214	0.50	ng	-0.02

Target Compounds

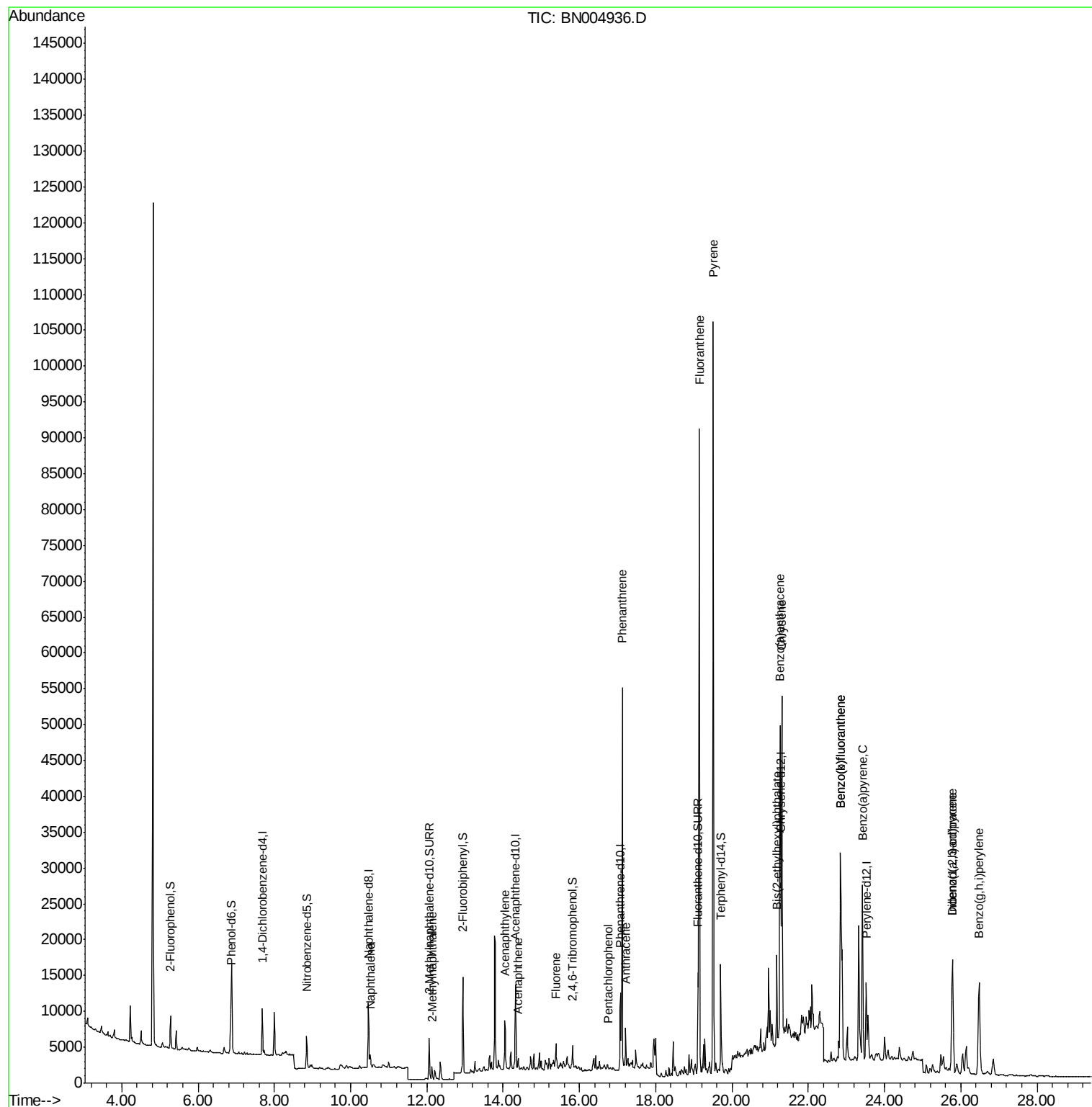
						Qvalue
9) Naphthalene	10.52	128	1972	0.057	ng	# 90
12) 2-Methylnaphthalene	12.14	142	1278	0.049	ng	# 94
16) Acenaphthylene	14.04	152	8146	0.237	ng	98
17) Acenaphthene	14.39	154	795	0.035	ng	# 80
18) Fluorene	15.38	166	2601	0.083	ng	# 85
22) Pentachlorophenol	16.75	266	126	0.059	ng	# 81
23) Phenanthrene	17.12	178	60028	1.281	ng	99
24) Anthracene	17.21	178	6381	0.153	ng	99
26) Fluoranthene	19.14	202	77714	1.291	ng	97
28) Pyrene	19.51	202	92995	2.031	ng	97
30) Benzo(a)anthracene	21.26	228	34666	0.704	ng	95
31) Chrysene	21.31	228	43572	0.840	ng	97
32) Bis(2-ethylhexyl)phthalate	21.17	149	9964	0.506	ng	97
33) Indeno(1,2,3-cd)pyrene	25.78	276	25363	0.338	ng	99
35) Benzo(b)fluoranthene	22.85	252	47674	0.920	ng	# 90
36) Benzo(k)fluoranthene	22.85	252	47674	0.935	ng	# 91
37) Benzo(a)pyrene	23.42	252	33434	0.704	ng	# 96
38) Dibenzo(a,h)anthracene	25.79	278	7257	0.132	ng	# 68
39) Benzo(g,h,i)perylene	26.48	276	27344	0.488	ng	# 96

(#) = 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: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

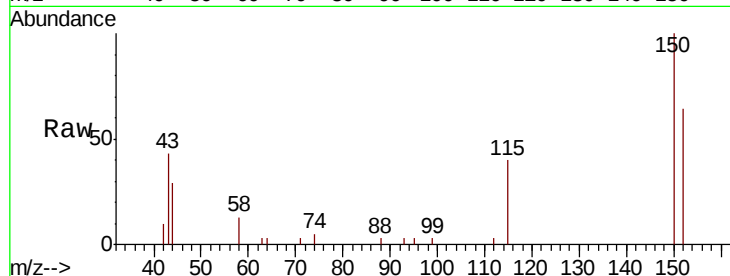
Tgt Ion:152 Resp: 3086

Ion Ratio Lower Upper

152 100

150 155.2 126.2 189.4

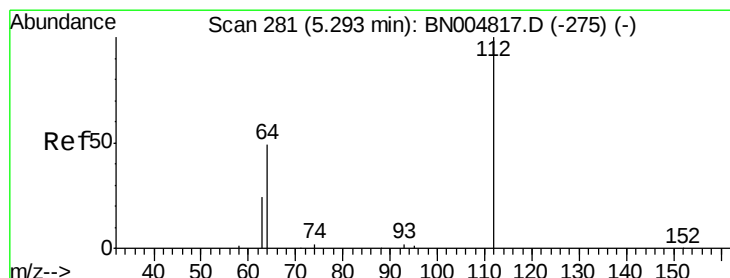
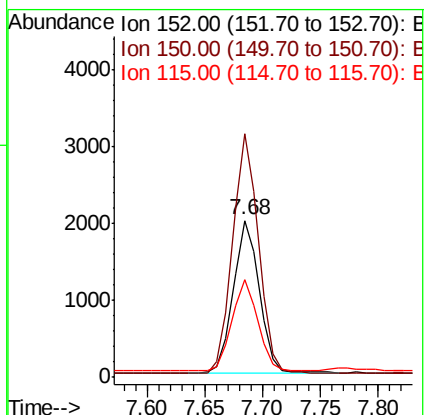
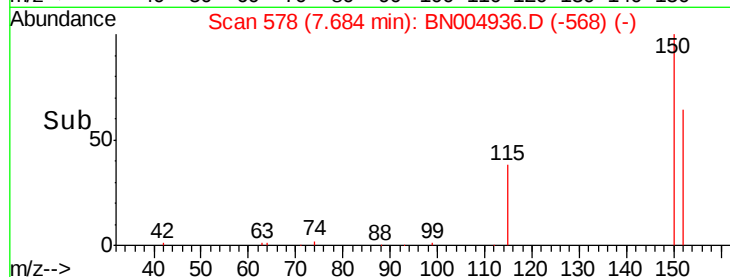
115 62.7 52.6 79.0



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: 0.460 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

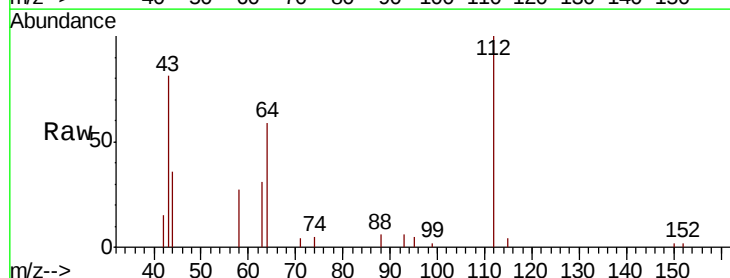
Tgt Ion:112 Resp: 3862

Ion Ratio Lower Upper

112 100

64 52.3 40.0 60.0

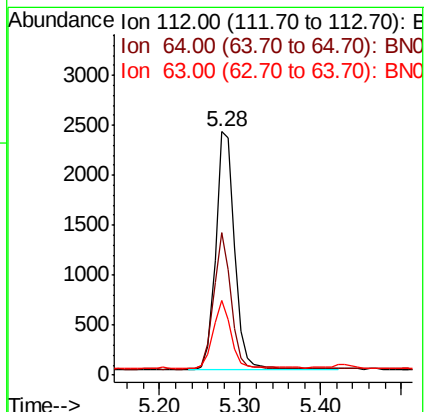
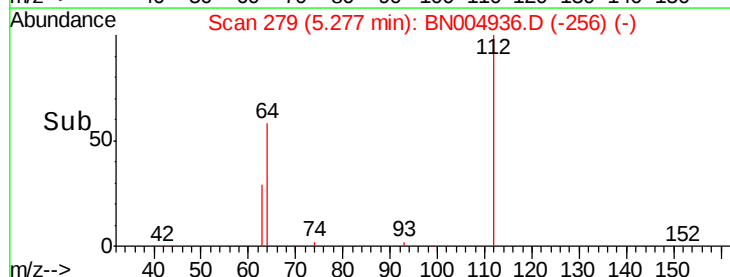
63 26.7 20.2 30.2

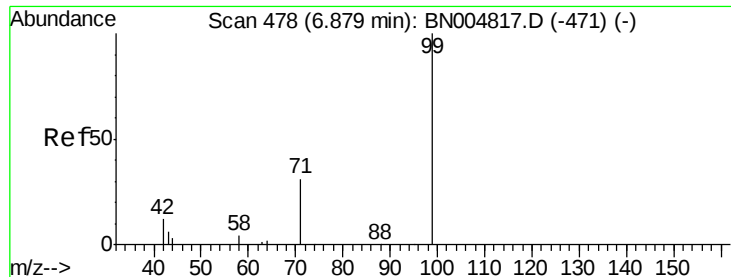


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.483 ng

RT: 6.85 min Scan# 475

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

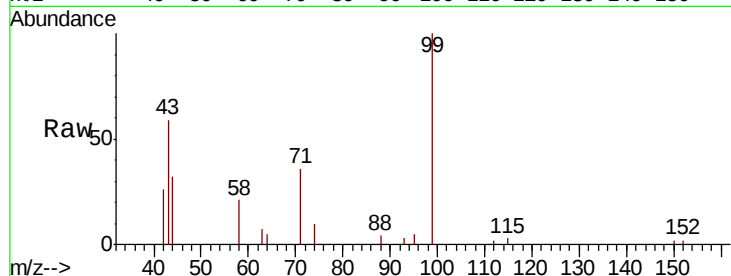
Tgt Ion: 99 Resp: 5039

Ion Ratio Lower Upper

99 100

42 0.0 12.7 19.1#

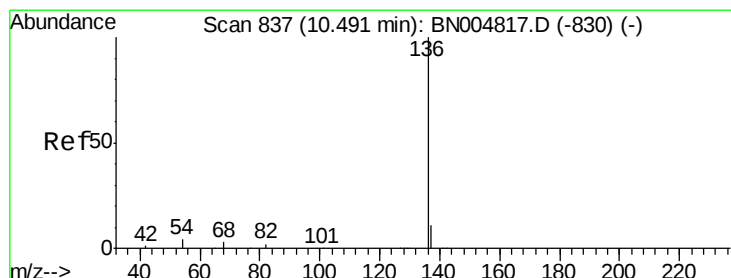
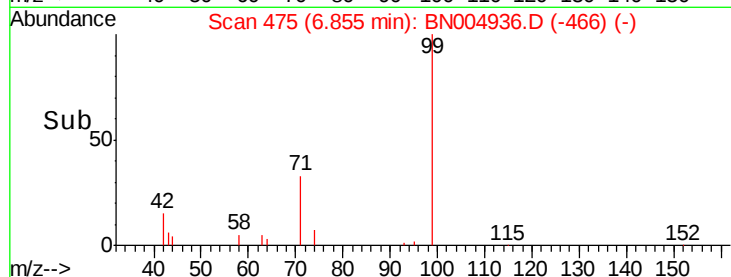
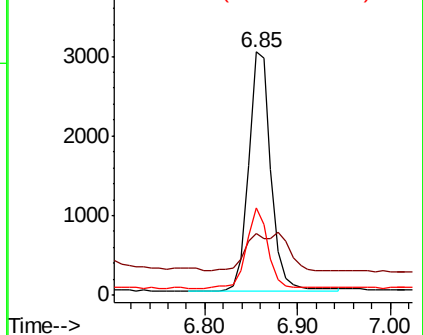
71 32.3 26.6 40.0



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: BN004936.D

Acq: 24 Mar 2019 13:29

Tgt Ion: 136 Resp: 12439

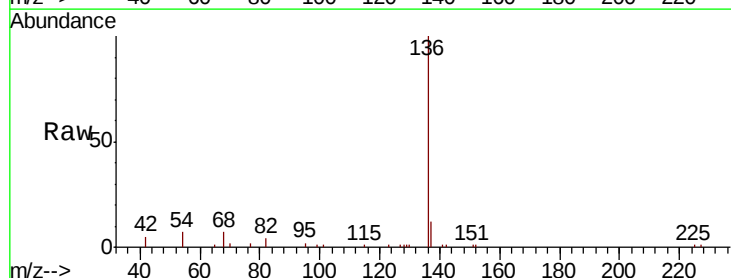
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 7.4 4.2 6.2#

68 6.7 3.9 5.9#

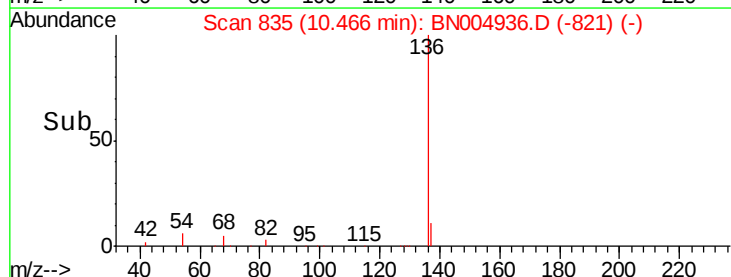
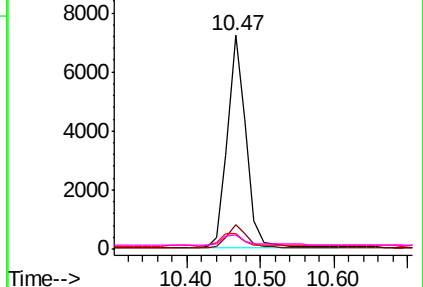


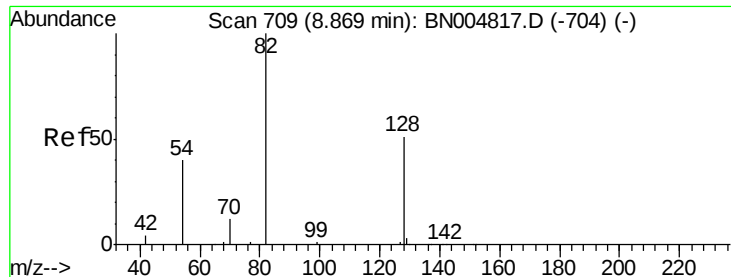
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

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: 0.444 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

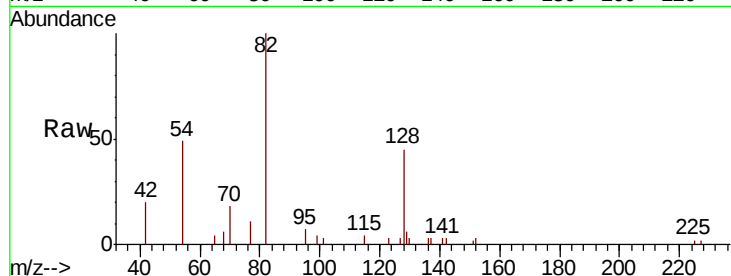
Tgt Ion: 82 Resp: 3651

Ion Ratio Lower Upper

82 100

128 44.7 43.0 64.6

54 49.3 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) (-)

8.84

2500

2000

1500

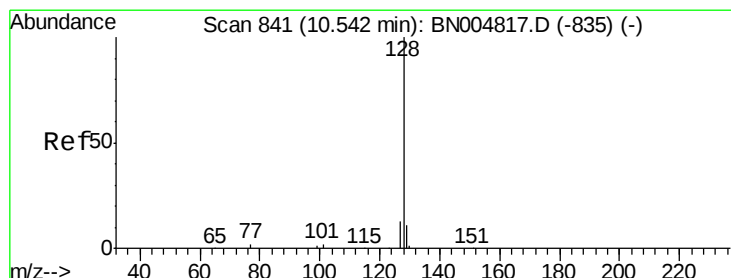
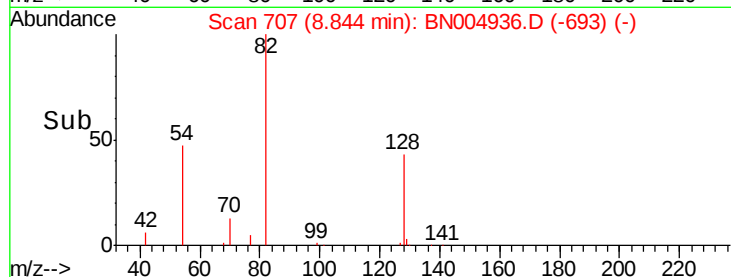
1000

500

0

8.80 8.90 9.00

Time-->



#9

Naphthalene

Concen: 0.057 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

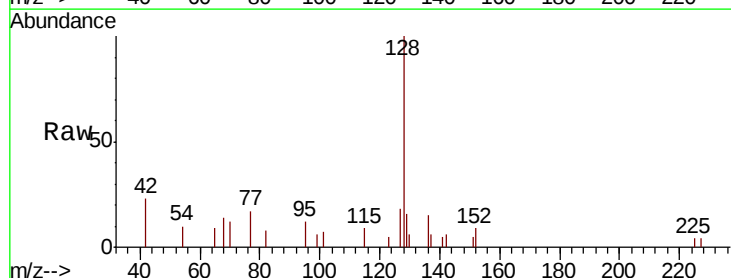
Tgt Ion: 128 Resp: 1972

Ion Ratio Lower Upper

128 100

129 16.4 9.9 14.9#

127 18.0 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) (-)

10.52

1500

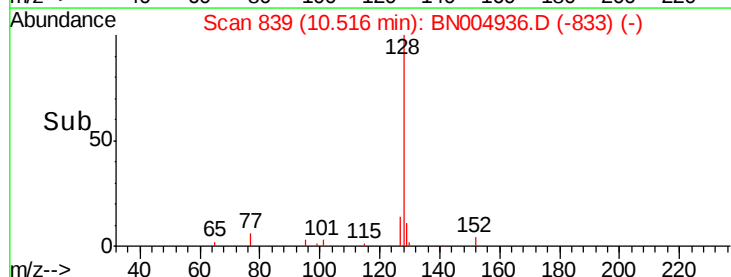
1000

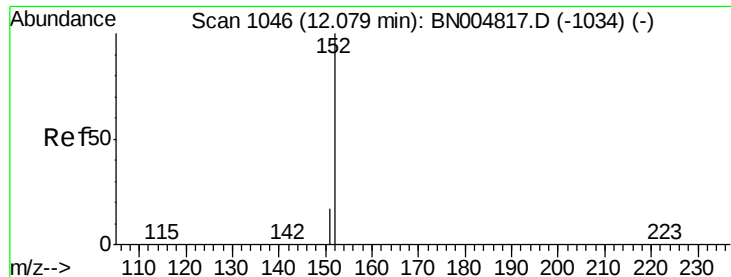
500

0

10.40 10.50 10.60

Time-->

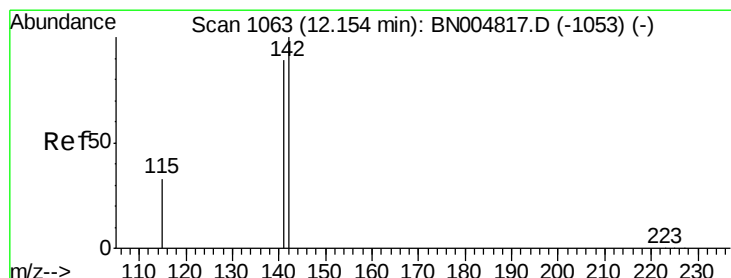
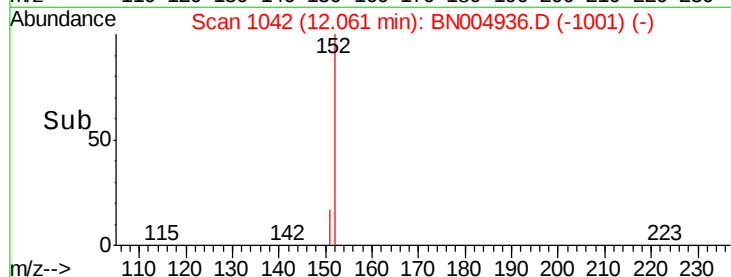
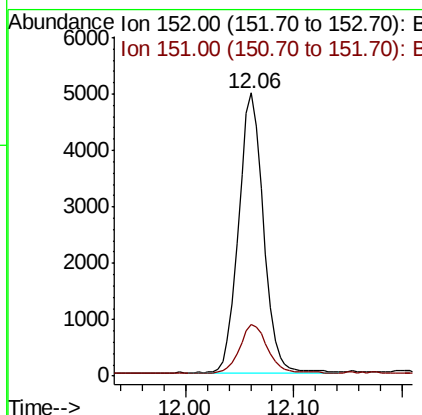
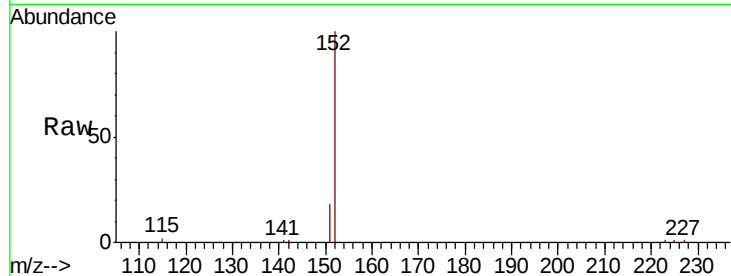




#11
 2-Methylnaphthalene-d10
 Concen: 0.364 ng
 RT: 12.06 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BN004936.D
 Acq: 24 Mar 2019 13:29

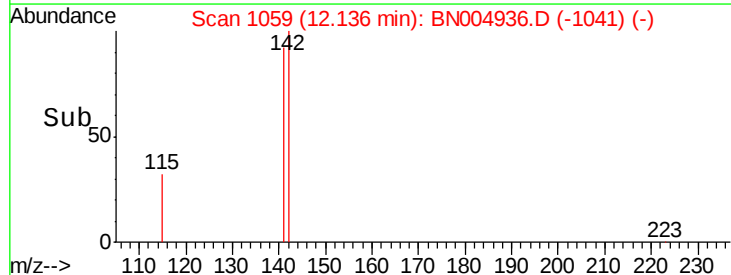
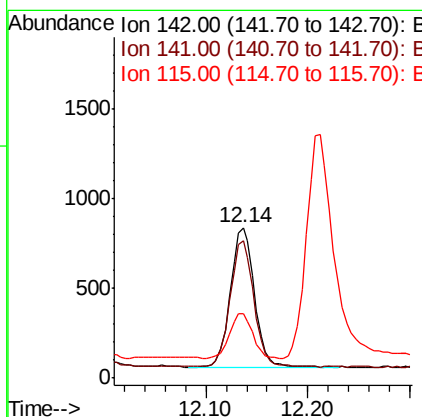
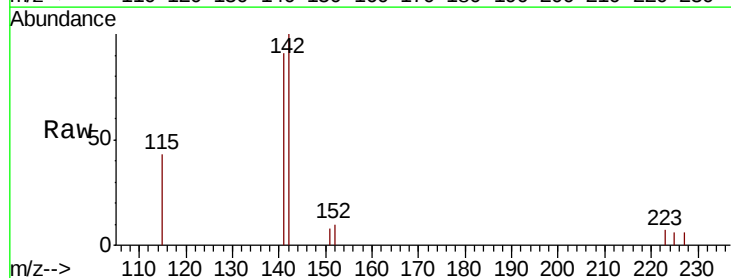
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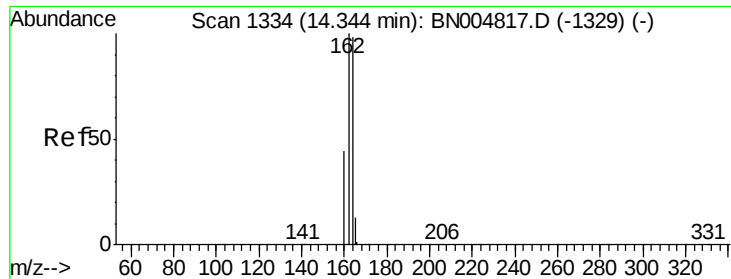
Tgt Ion:152 Resp: 7906
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.049 ng
 RT: 12.14 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BN004936.D
 Acq: 24 Mar 2019 13:29

Tgt Ion:142 Resp: 1278
 Ion Ratio Lower Upper
 142 100
 141 91.4 71.4 107.2
 115 42.8 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: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

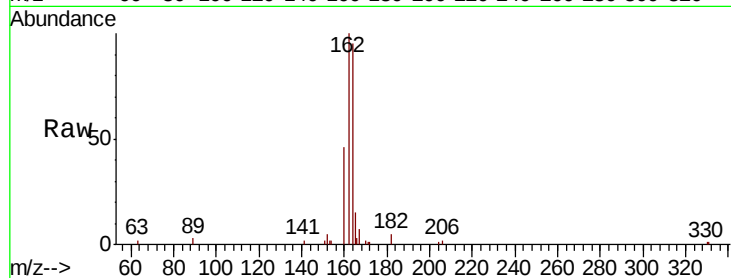
Tgt Ion:164 Resp: 6675

Ion Ratio Lower Upper

164 100

162 104.9 81.9 122.9

160 48.6 36.6 54.8

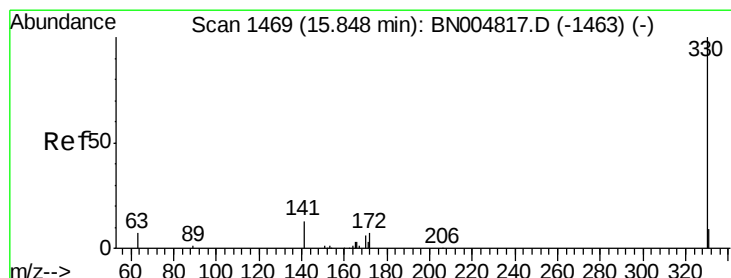
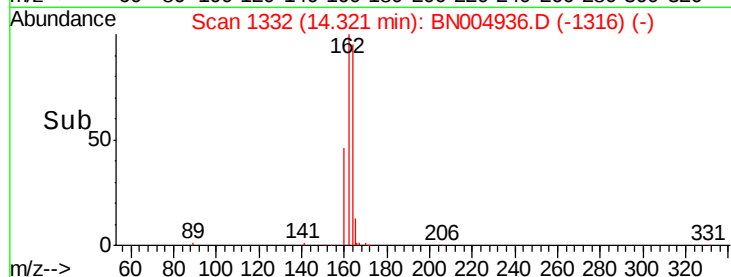
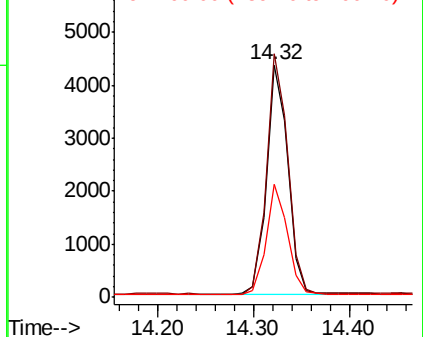


Abundance

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: 0.430 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

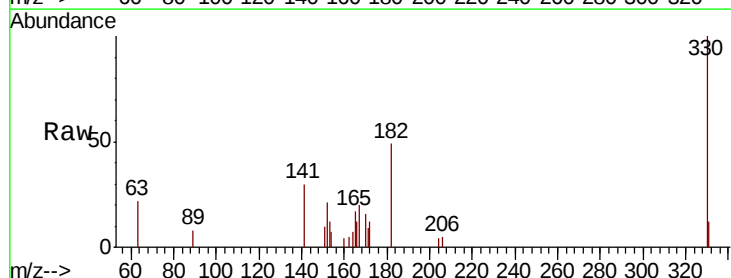
Tgt Ion:330 Resp: 1982

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 38.5 20.9 31.3#

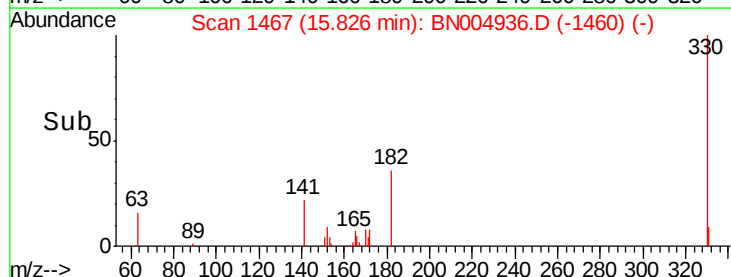
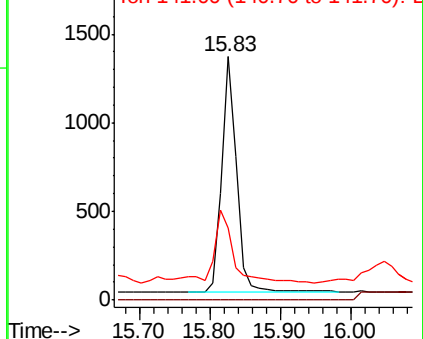


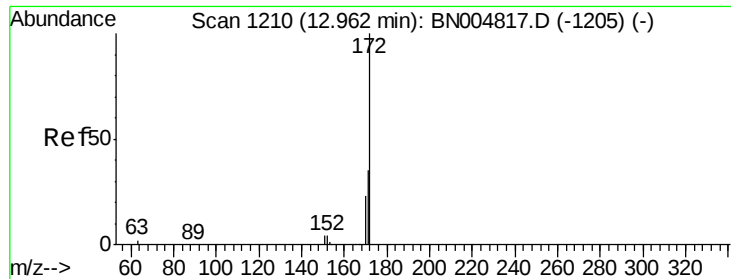
Abundance

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

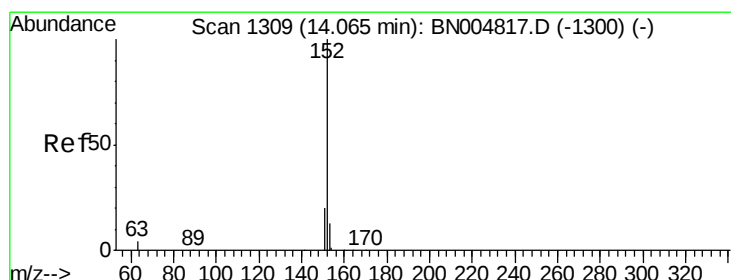
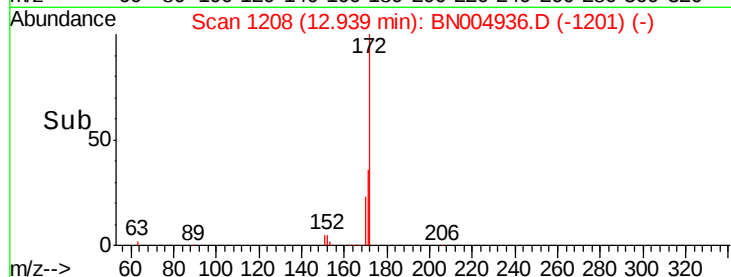
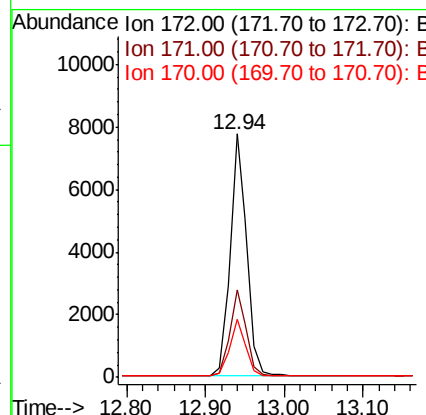
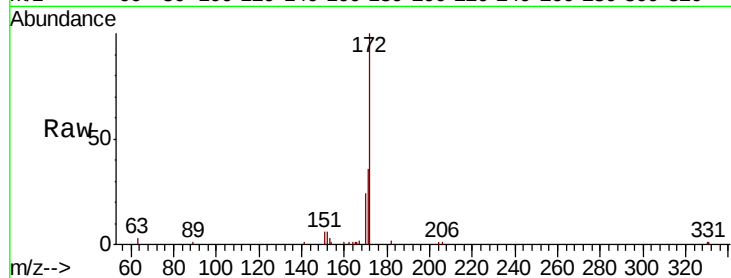




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004936.D
Acq: 24 Mar 2019 13:29

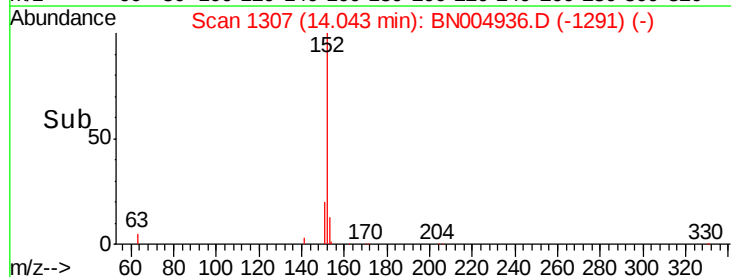
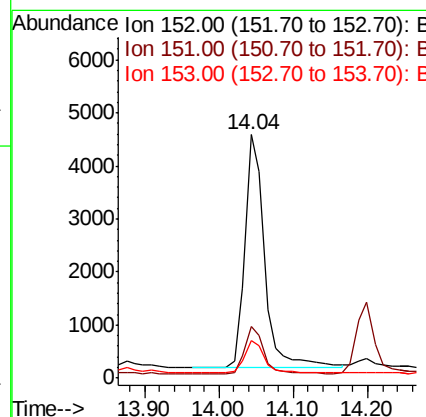
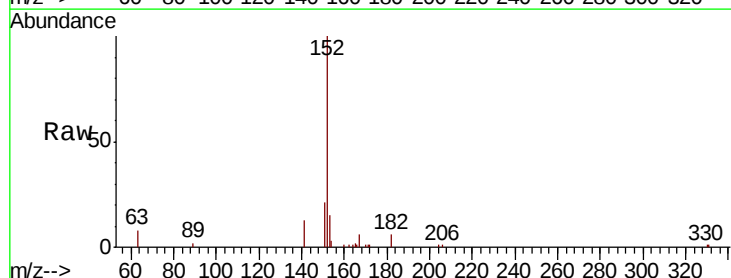
Instrument :
BNA_N
ClientSampleId :
EXT-026-SW041-031919

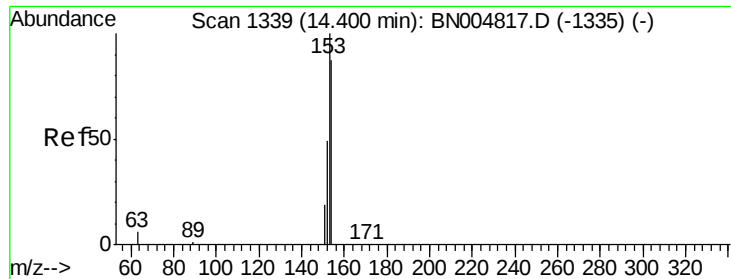
Tgt Ion:172 Resp: 11464
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.9 18.7 28.1



#16
Acenaphthylene
Concen: 0.237 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004936.D
Acq: 24 Mar 2019 13:29

Tgt Ion:152 Resp: 8146
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 14.3 10.5 15.7





#17

Acenaphthene

Concen: 0.035 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

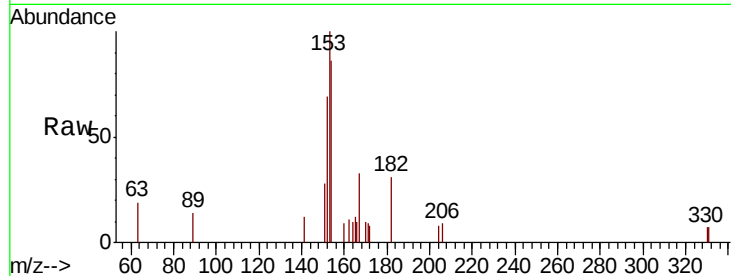
Tgt Ion:154 Resp: 795

Ion Ratio Lower Upper

154 100

153 123.5 91.4 137.2

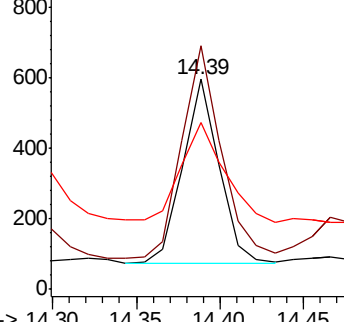
152 85.9 44.2 66.2#



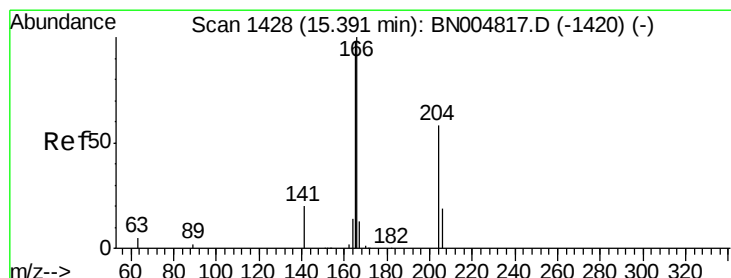
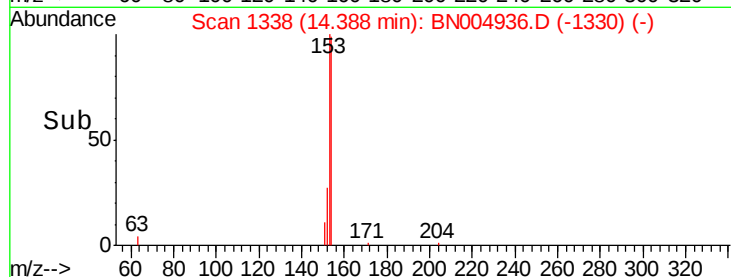
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time--> 14.30 14.35 14.40 14.45



#18

Fluorene

Concen: 0.083 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

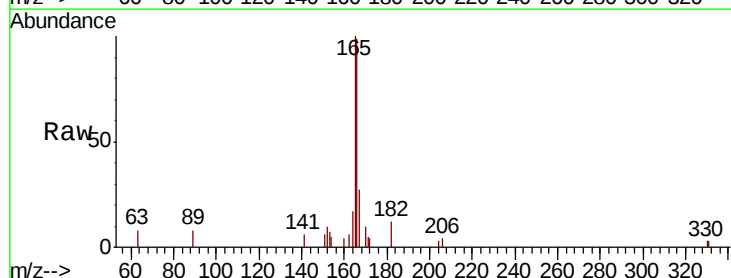
Tgt Ion:166 Resp: 2601

Ion Ratio Lower Upper

166 100

165 111.7 78.2 117.4

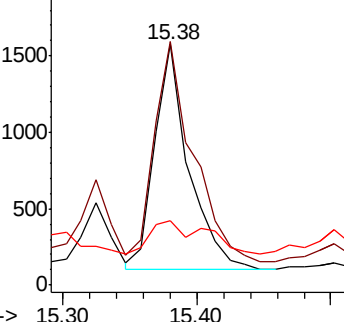
167 23.9 11.0 16.4#



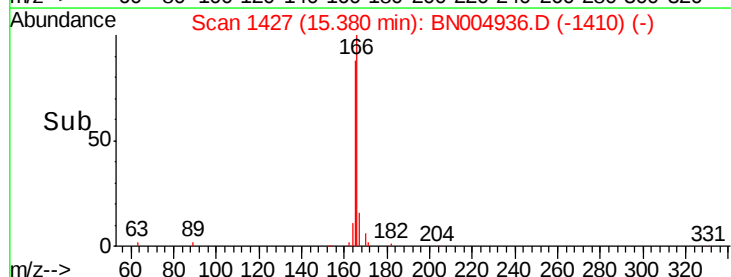
Abundance Ion 166.00 (165.70 to 166.70): E

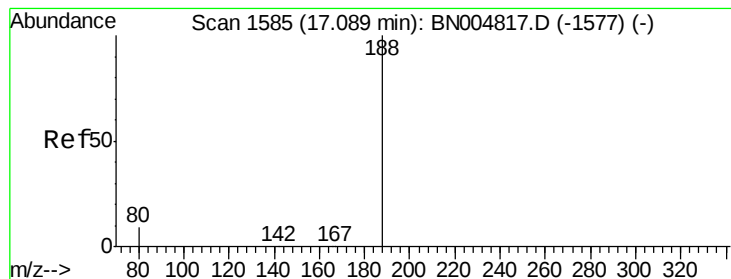
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.30 15.40





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

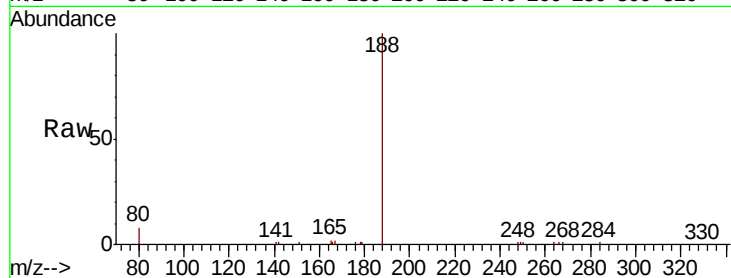
Tgt Ion:188 Resp: 14508

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

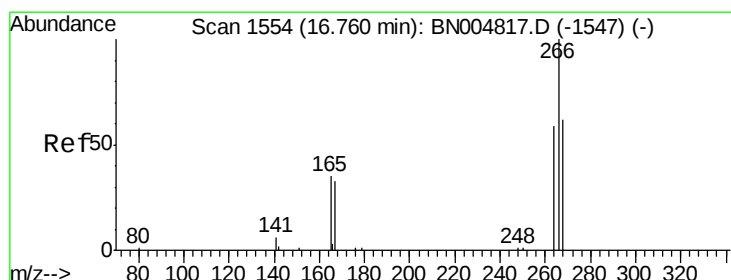
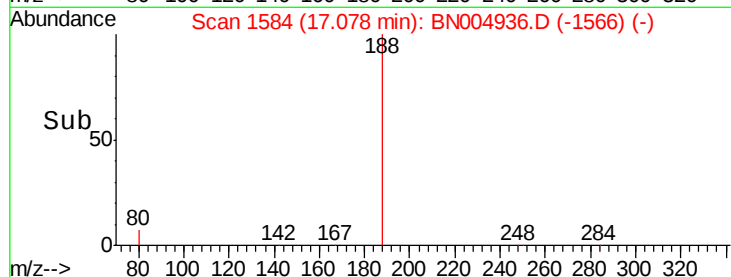
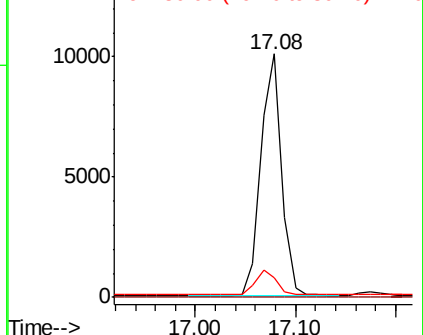
80 8.1 7.4 11.2



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



#22

Pentachlorophenol

Concen: 0.059 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

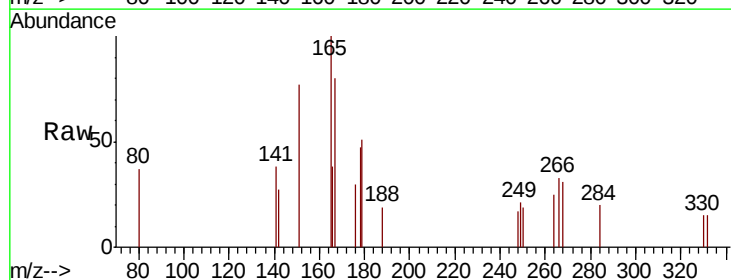
Tgt Ion:266 Resp: 126

Ion Ratio Lower Upper

266 100

264 75.8 53.1 79.7

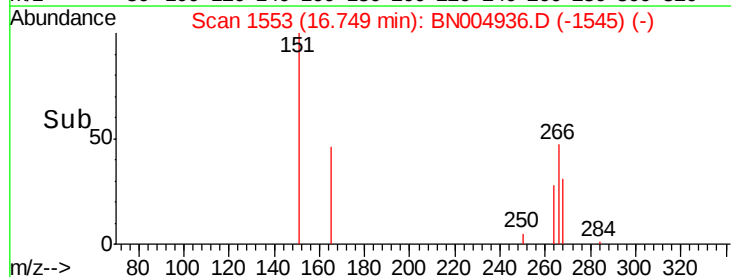
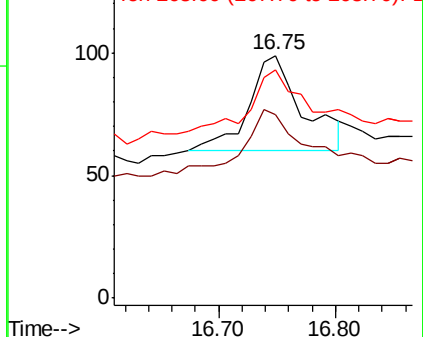
268 93.9 57.7 86.5#

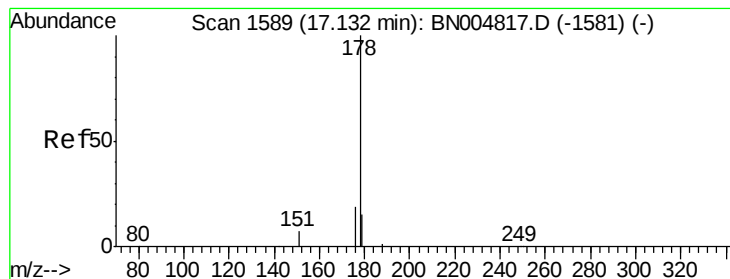


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.281 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

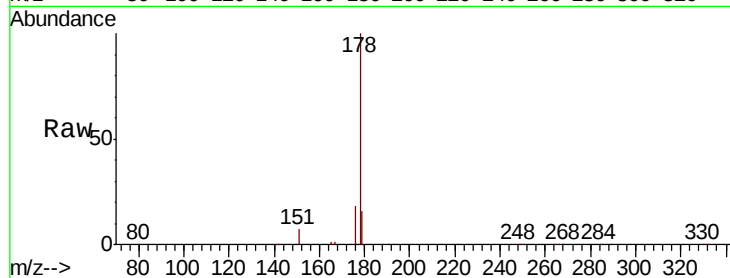
Tgt Ion:178 Resp: 60028

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

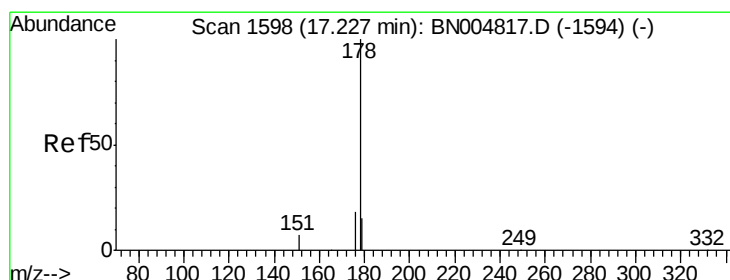
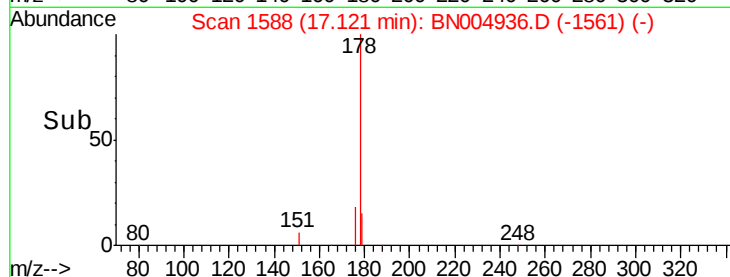
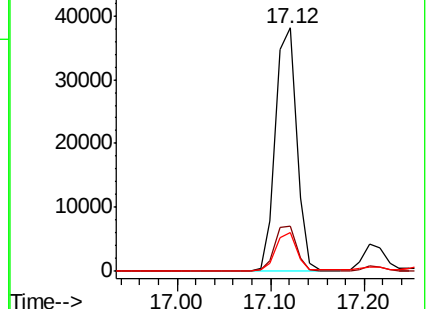
179 15.5 12.1 18.1



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: 0.153 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

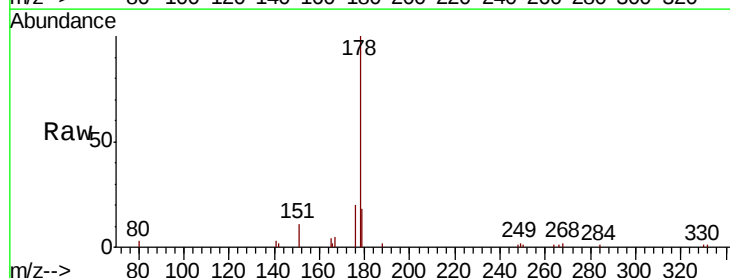
Tgt Ion:178 Resp: 6381

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

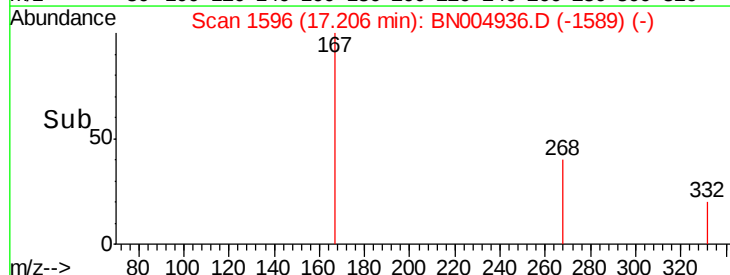
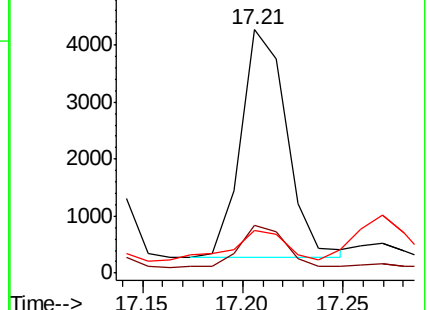
179 16.0 12.2 18.4

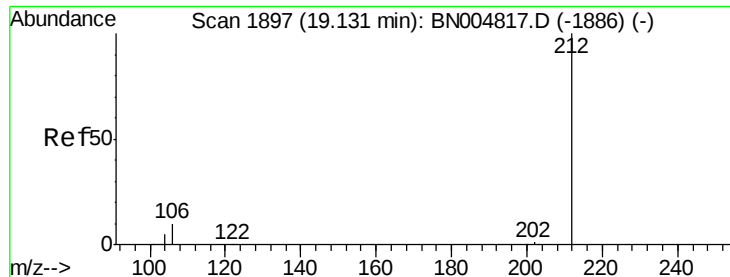


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.11 min Scan# 1893

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

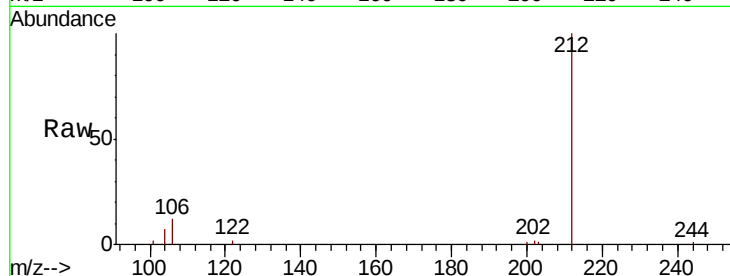
Tgt Ion:212 Resp: 15553

Ion Ratio Lower Upper

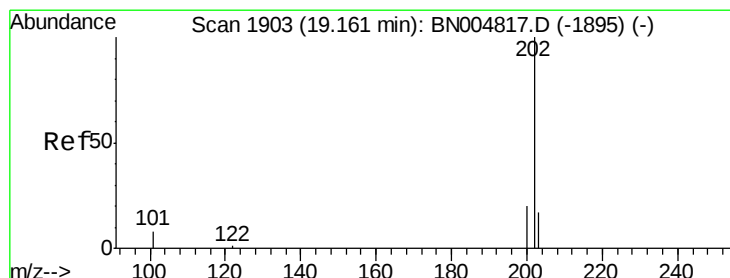
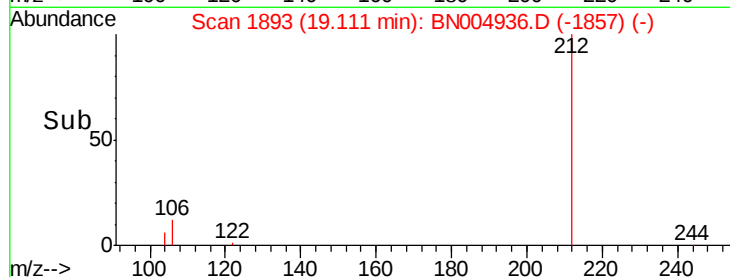
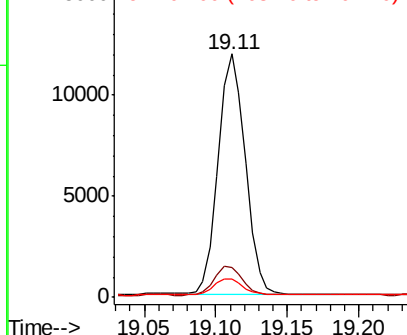
212 100

106 12.6 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: 1.291 ng

RT: 19.14 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

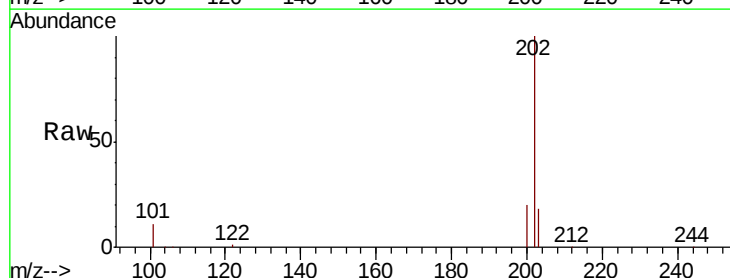
Tgt Ion:202 Resp: 77714

Ion Ratio Lower Upper

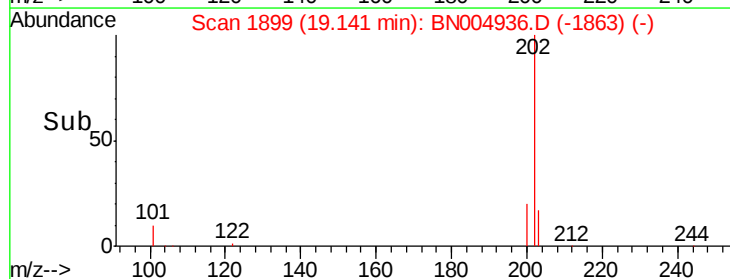
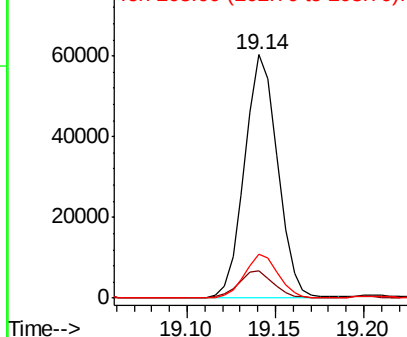
202 100

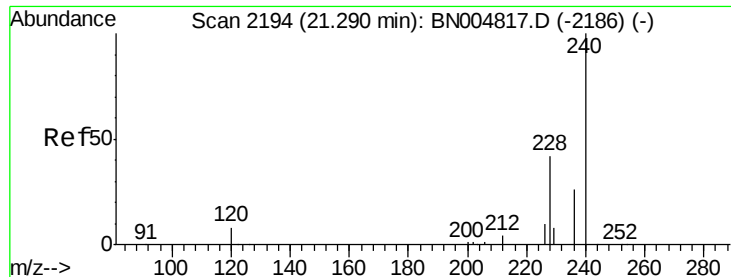
101 11.1 7.5 11.3

203 17.8 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

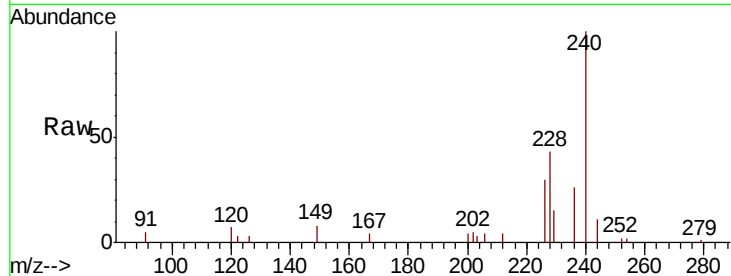




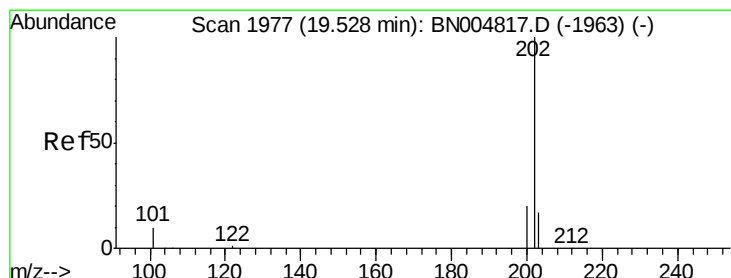
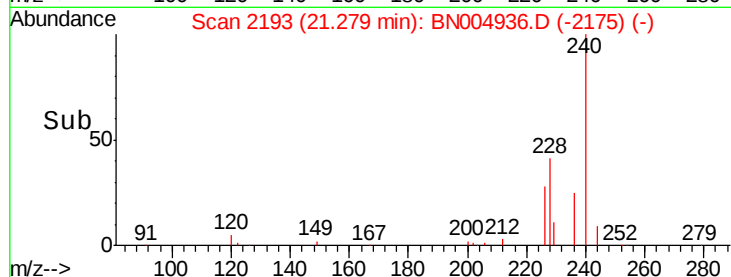
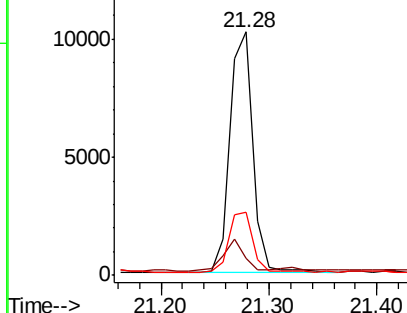
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004936.D
Acq: 24 Mar 2019 13:29

Instrument :
BNA_N
ClientSampleId :
EXT-026-SW041-031919

Tgt Ion:240 Resp: 15016
Ion Ratio Lower Upper
240 100
120 6.8 7.2 10.8#
236 26.1 20.9 31.3

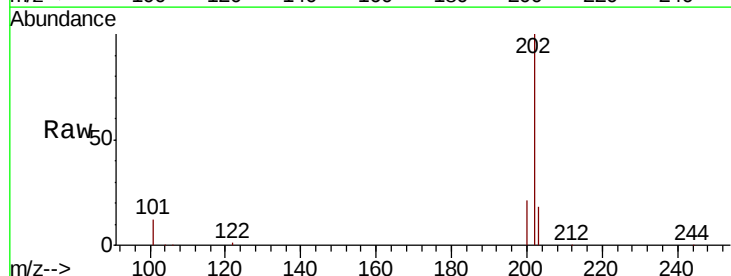


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

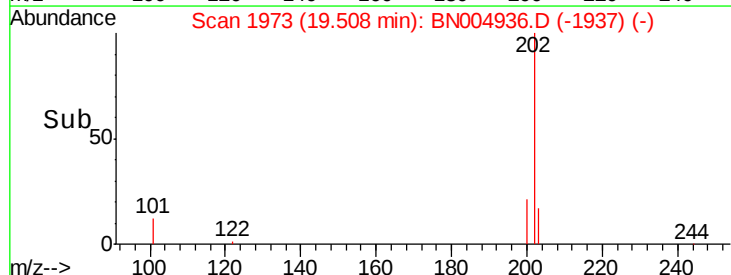
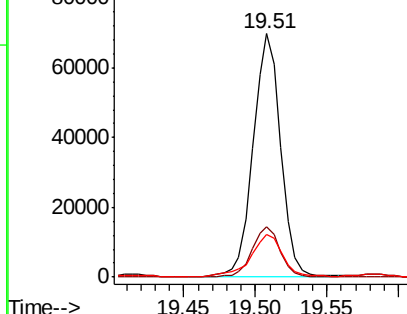


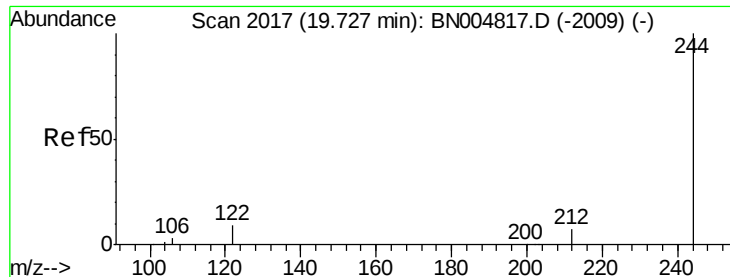
#28
Pyrene
Concen: 2.031 ng
RT: 19.51 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BN004936.D
Acq: 24 Mar 2019 13:29

Tgt Ion:202 Resp: 92995
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 19.9 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: 0.495 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

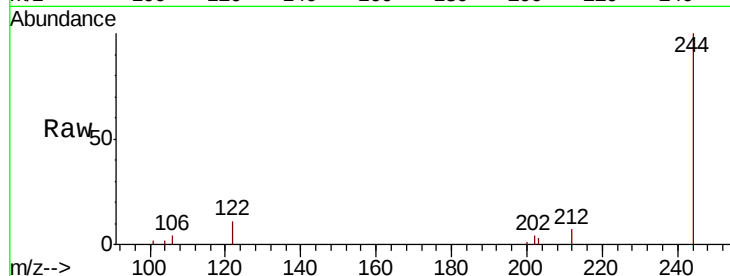
Tgt Ion:244 Resp: 15214

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

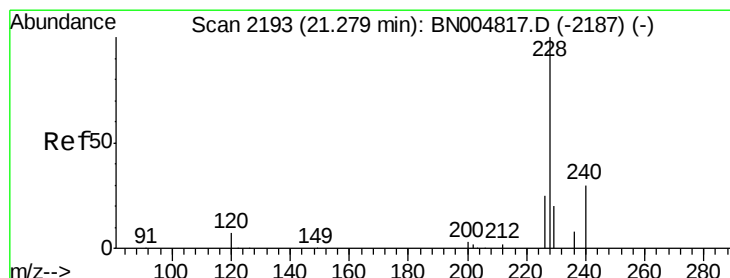
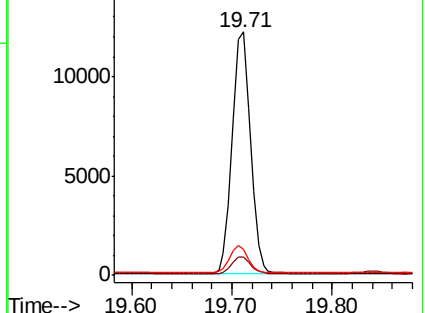
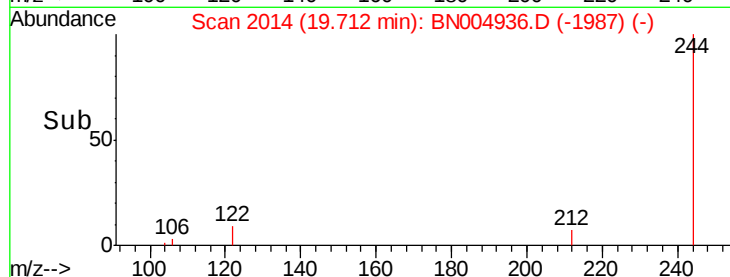
122 10.6 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.704 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

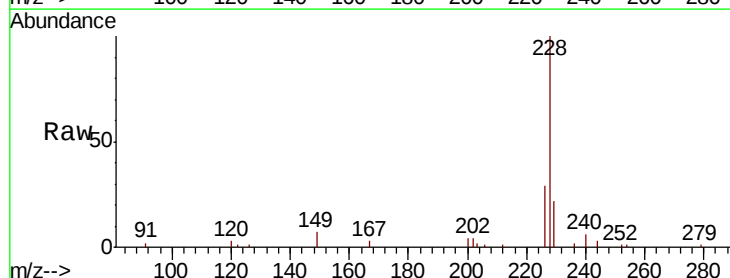
Tgt Ion:228 Resp: 34666

Ion Ratio Lower Upper

228 100

226 28.7 20.6 31.0

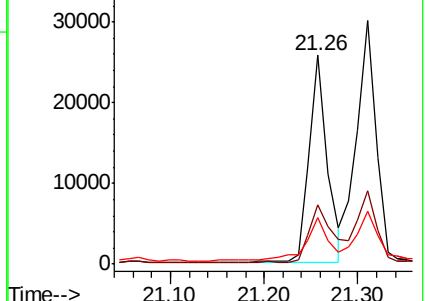
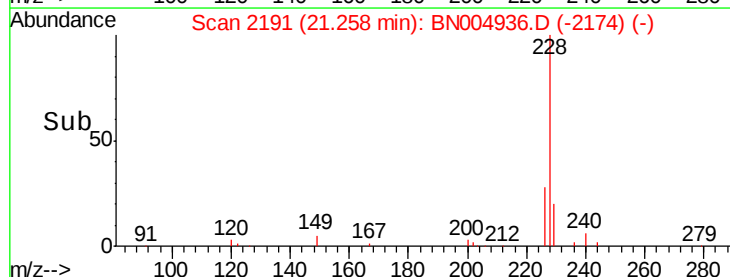
229 22.3 16.2 24.4

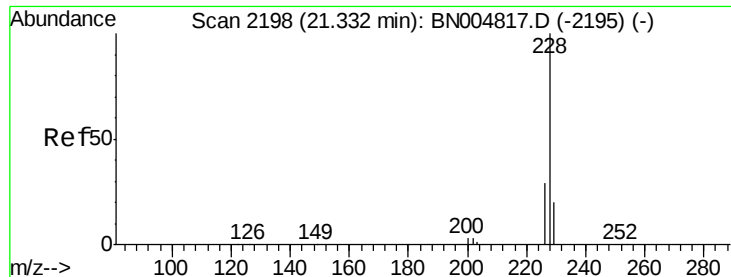


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.840 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

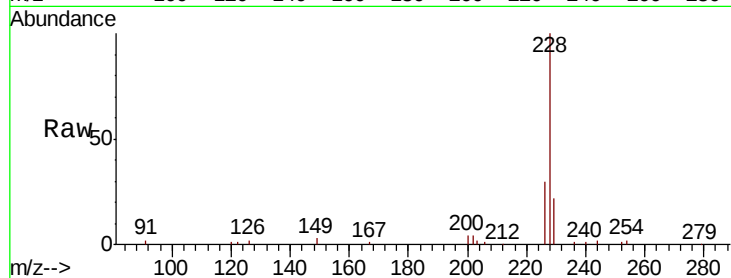
Tgt Ion:228 Resp: 43572

Ion Ratio Lower Upper

228 100

226 30.3 23.0 34.6

229 21.9 16.2 24.2

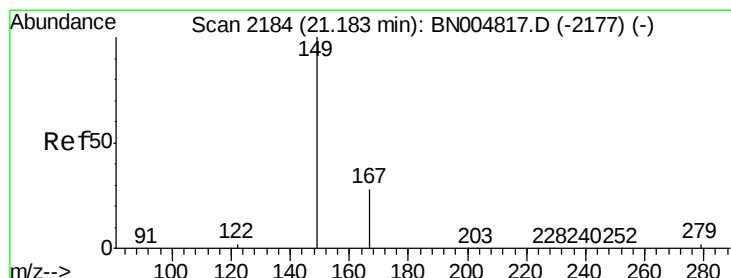
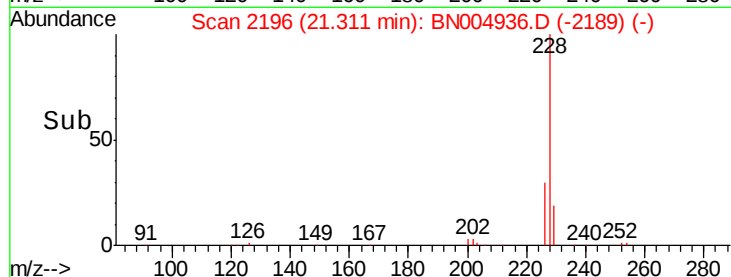
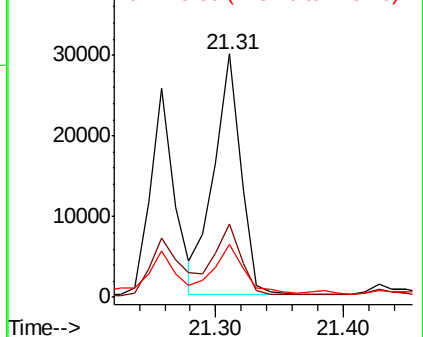


Abundance

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: 0.506 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

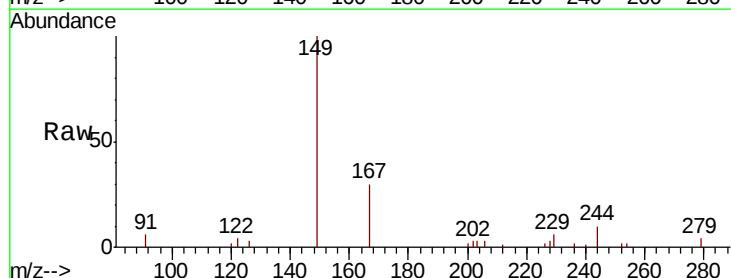
Tgt Ion:149 Resp: 9964

Ion Ratio Lower Upper

149 100

167 26.9 23.0 34.4

279 5.1 4.6 6.8

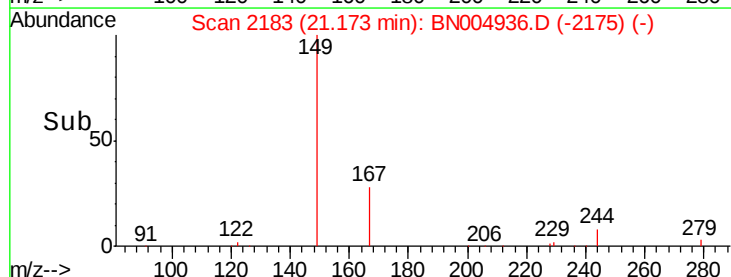
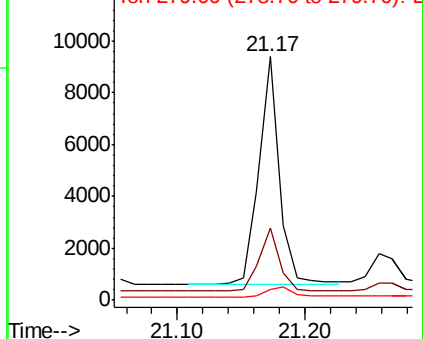


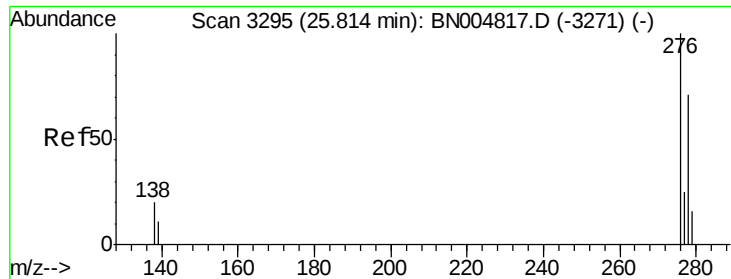
Abundance

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: 0.338 ng

RT: 25.78 min Scan# 3285

Delta R.T. -0.03 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

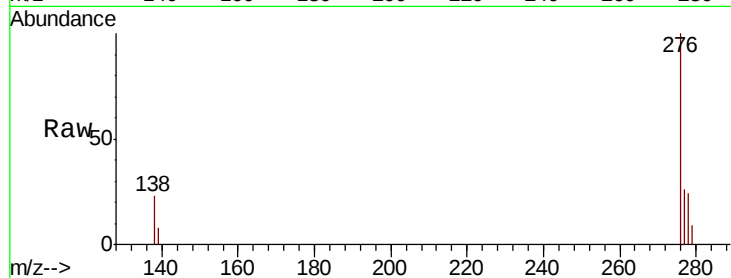
Tgt Ion:276 Resp: 25363

Ion Ratio Lower Upper

276 100

138 20.7 16.6 24.8

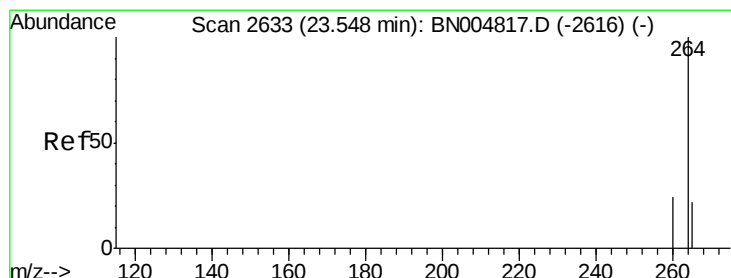
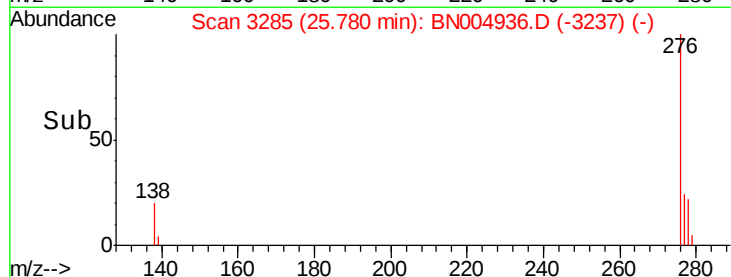
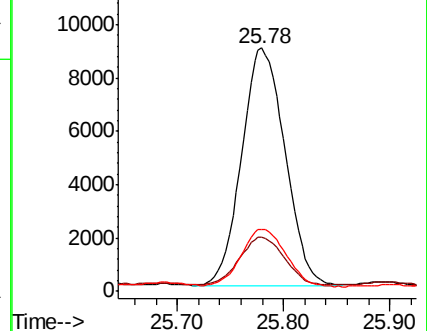
277 24.7 20.3 30.5



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: 23.52 min Scan# 2625

Delta R.T. -0.03 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

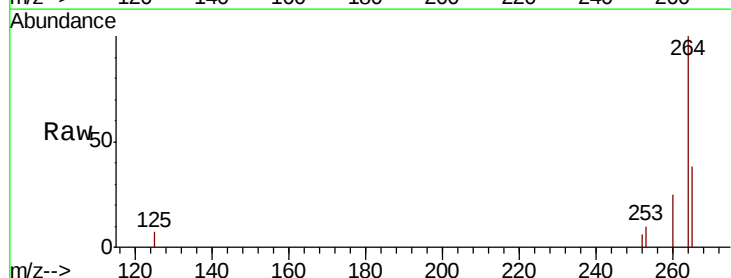
Tgt Ion:264 Resp: 14320

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

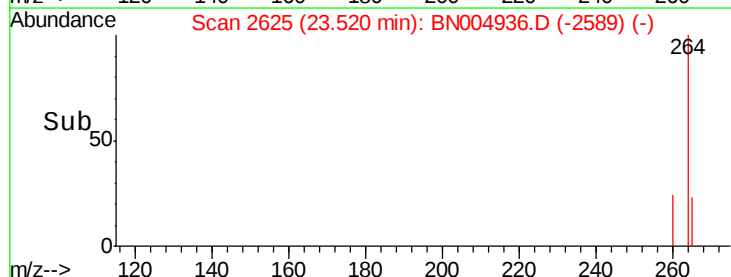
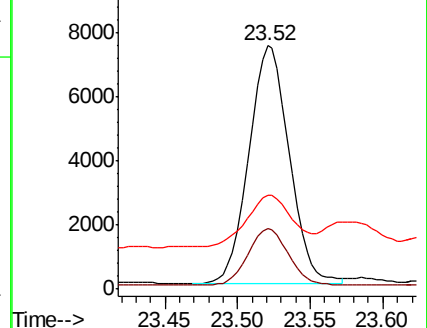
265 38.4 23.1 34.7#

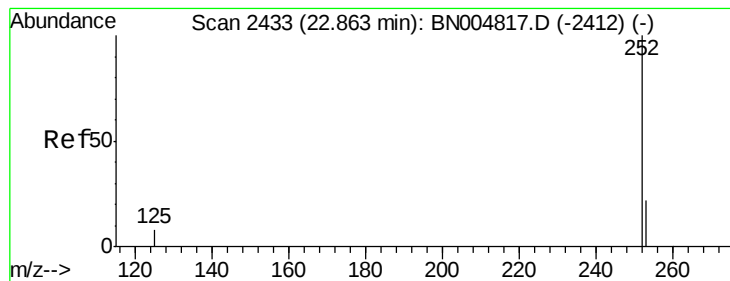


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.920 ng

RT: 22.85 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

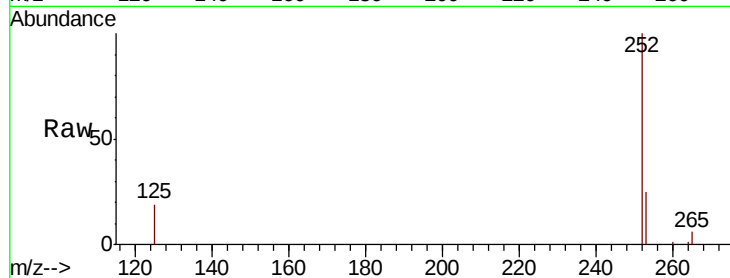
Tgt Ion:252 Resp: 47674

Ion Ratio Lower Upper

252 100

253 25.1 19.0 28.4

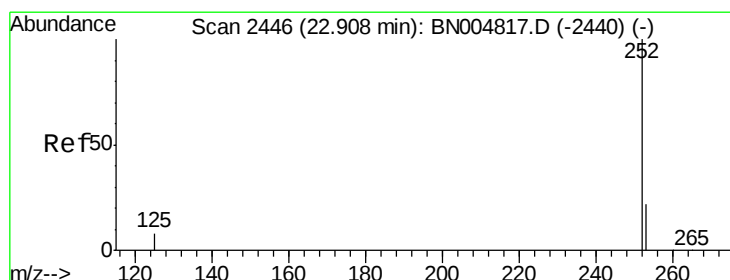
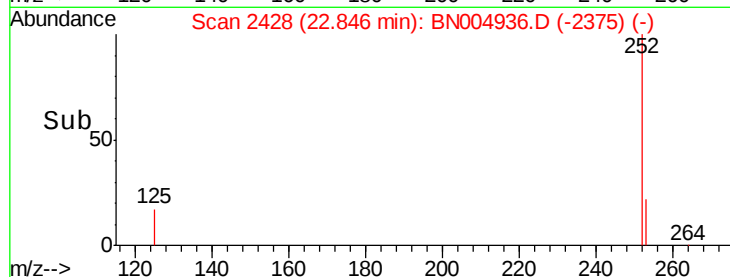
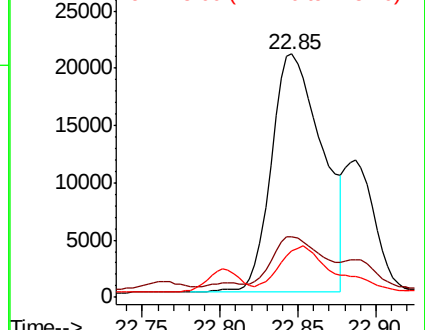
125 18.9 7.4 11.2#



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: 0.935 ng

RT: 22.85 min Scan# 2428

Delta R.T. -0.06 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

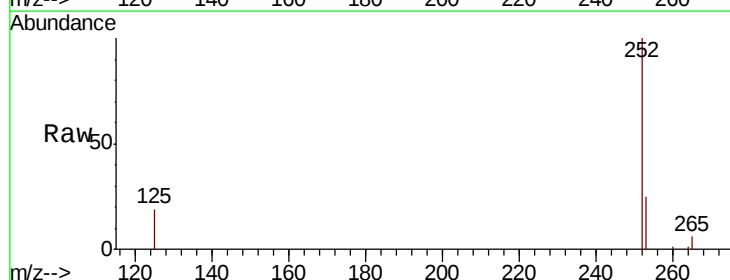
Tgt Ion:252 Resp: 47674

Ion Ratio Lower Upper

252 100

253 25.1 19.3 28.9

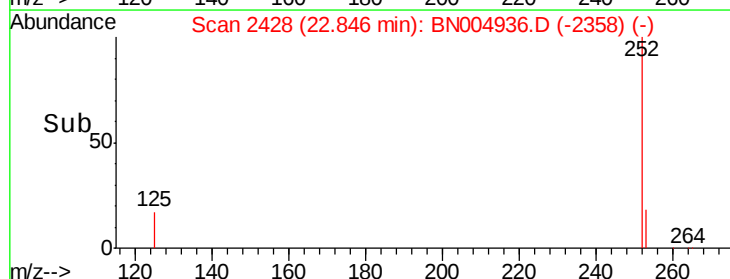
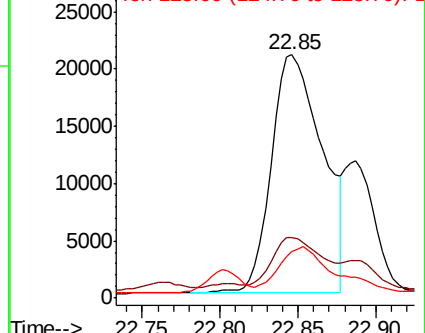
125 18.9 7.4 11.0#

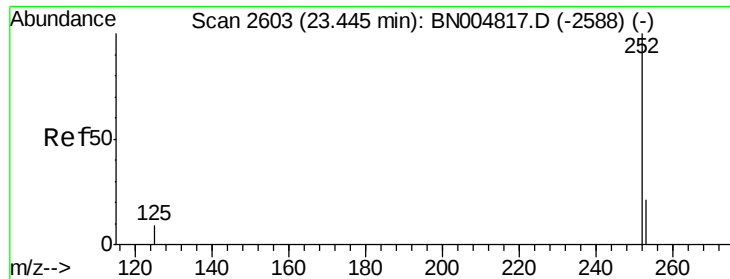


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.704 ng

RT: 23.42 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919

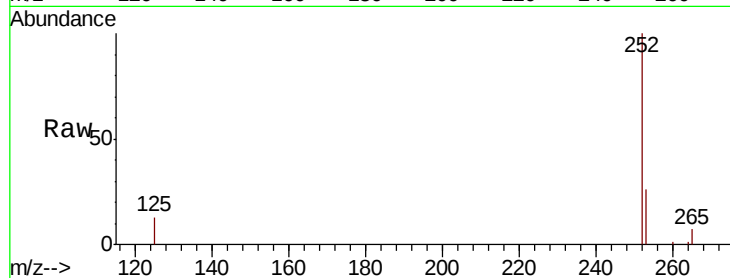
Tgt Ion:252 Resp: 33434

Ion Ratio Lower Upper

252 100

253 25.7 19.7 29.5

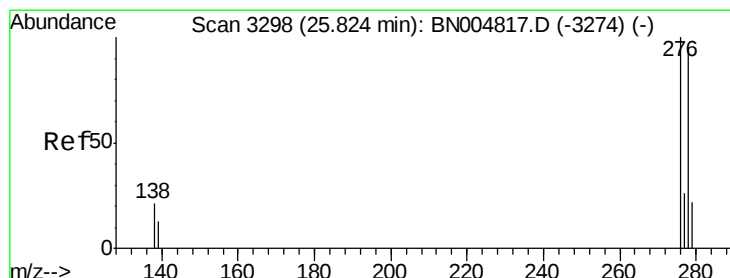
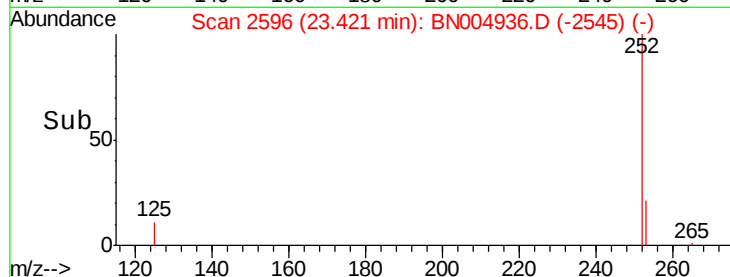
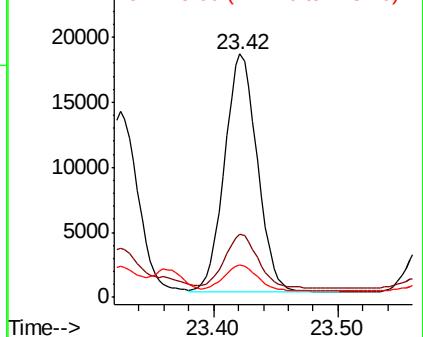
125 13.2 8.3 12.5#



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: 0.132 ng

RT: 25.79 min Scan# 3287

Delta R.T. -0.04 min

Lab File: BN004936.D

Acq: 24 Mar 2019 13:29

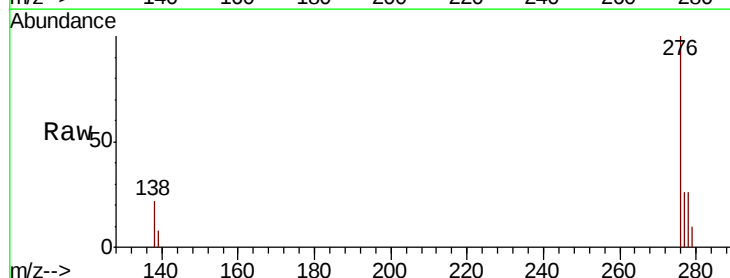
Tgt Ion:278 Resp: 7257

Ion Ratio Lower Upper

278 100

139 30.8 11.7 17.5#

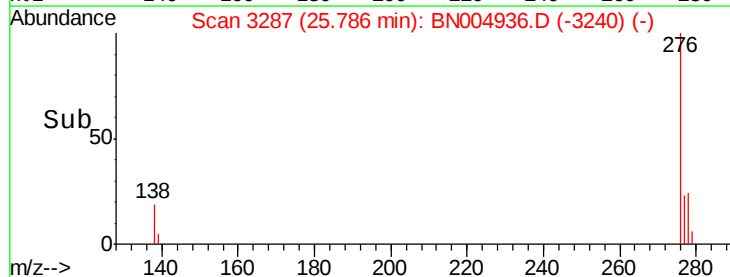
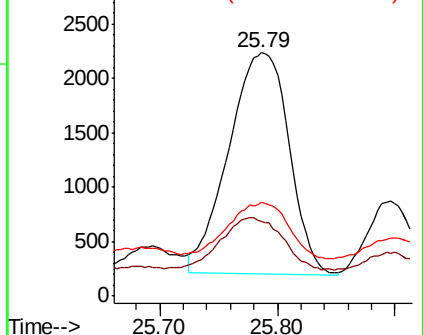
279 38.6 19.9 29.9#

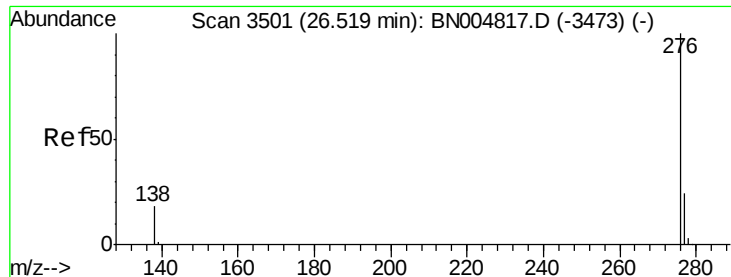


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.488 ng

RT: 26.48 min Scan# 3489

Delta R.T. -0.04 min

Lab File: BN004936.D

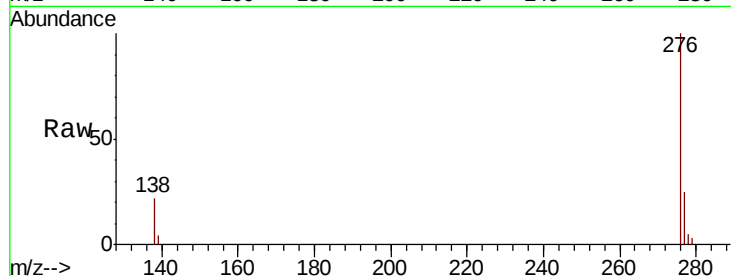
Acq: 24 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

EXT-026-SW041-031919



Tgt Ion: 276 Resp: 27344

Ion Ratio Lower Upper

276 100

277 25.0 19.7 29.5

138 22.4 14.6 22.0#

