

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
 Data File : BN004945.D
 Acq On : 24 Mar 2019 18:47
 Operator : JU/SJ
 Sample : K2015-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-025-SW037-031919

Quant Time: Mar 25 02:57:42 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	3291	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	13017	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	6729	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	14708	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	17450	0.40	ng	-0.01
34) Perylene-d12	23.53	264	18601	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.28	112	3469	0.39	ng	0.00
5) Phenol-d6	6.86	99	4198	0.38	ng	-0.02
8) Nitrobenzene-d5	8.84	82	3465	0.40	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	7049	0.31	ng	-0.02
14) 2,4,6-Tribromophenol	15.83	330	1554	0.33	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	9077	0.33	ng	-0.02
25) Fluoranthene-d10	19.12	212	12826	0.26	ng	-0.02
29) Terphenyl-d14	19.71	244	8164	0.23	ng	-0.02

Target Compounds

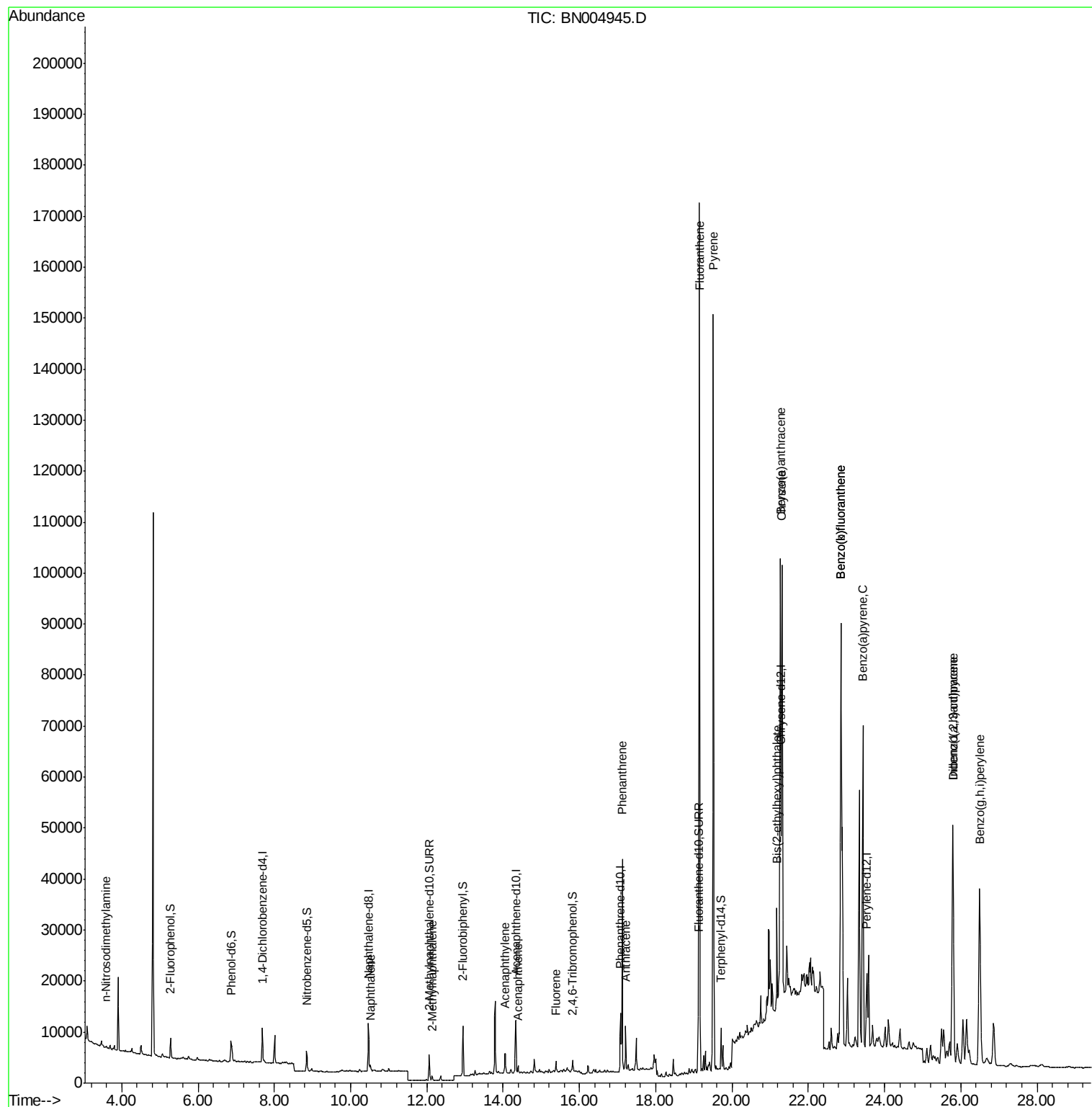
						Qvalue
3) n-Nitrosodimethylamine	3.59	42	78	0.035	ng	# 3
9) Naphthalene	10.52	128	1246	0.034	ng	# 82
12) 2-Methylnaphthalene	12.14	142	657	0.024	ng	# 89
16) Acenaphthylene	14.05	152	5749	0.166	ng	99
17) Acenaphthene	14.39	154	786	0.035	ng	96
18) Fluorene	15.38	166	1665	0.053	ng	# 90
23) Phenanthrene	17.12	178	41836	0.881	ng	99
24) Anthracene	17.21	178	9738	0.230	ng	# 96
26) Fluoranthene	19.15	202	151013	2.474	ng	98
28) Pyrene	19.51	202	133682	2.513	ng	# 95
30) Benzo(a)anthracene	21.27	228	85179	1.488	ng	95
31) Chrysene	21.31	228	84122	1.396	ng	95
32) Bis(2-ethylhexyl)phthalate	21.17	149	20300	0.888	ng	100
33) Indeno(1,2,3-cd)pyrene	25.79	276	72957	0.837	ng	99
35) Benzo(b)fluoranthene	22.85	252	133877	1.990	ng	# 94
36) Benzo(k)fluoranthene	22.85	252	133877	2.022	ng	# 94
37) Benzo(a)pyrene	23.43	252	86947	1.409	ng	# 97
38) Dibenzo(a,h)anthracene	25.80	278	18653	0.261	ng	# 67
39) Benzo(g,h,i)perylene	26.49	276	72487	0.995	ng	# 95

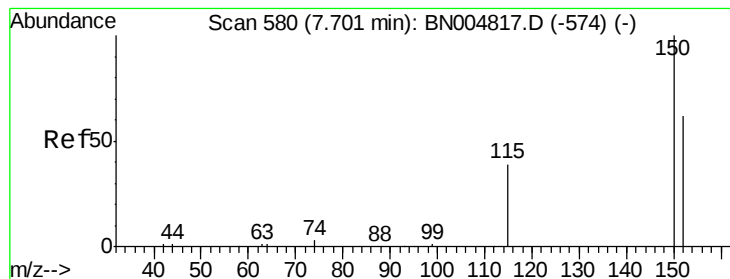
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.68 min Scan# 578

Delta R.T. -0.02 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

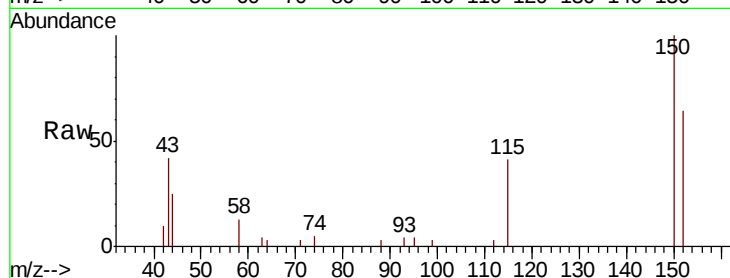
Tgt Ion: 152 Resp: 3291

Ion Ratio Lower Upper

152 100

150 156.8 126.2 189.4

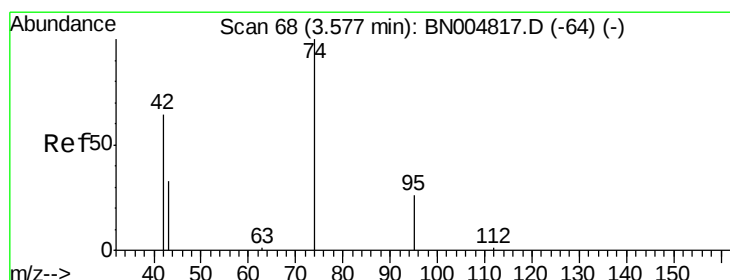
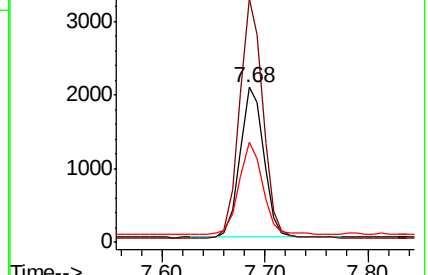
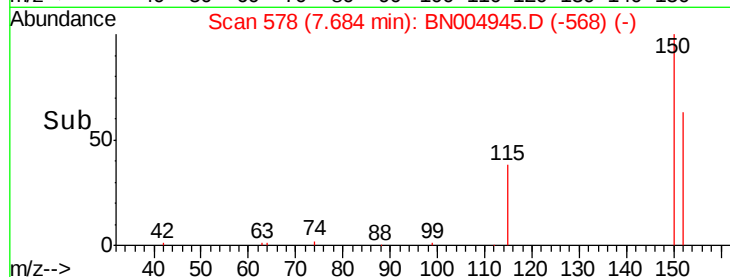
115 64.7 52.6 79.0



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



#3

n-Nitrosodimethylamine

Concen: 0.035 ng

RT: 3.59 min Scan# 69

Delta R.T. 0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

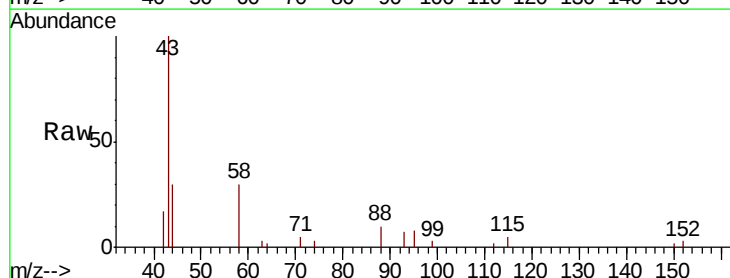
Tgt Ion: 42 Resp: 78

Ion Ratio Lower Upper

42 100

74 28.2 128.4 192.6#

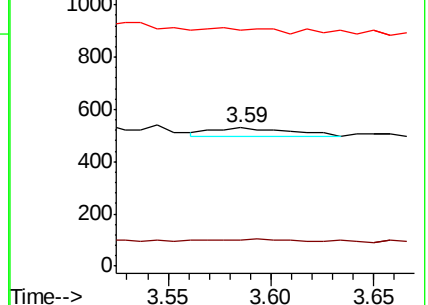
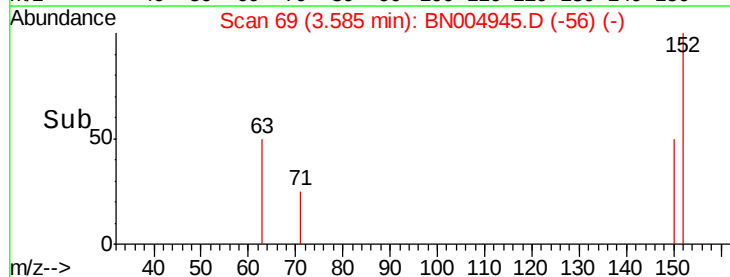
44 0.0 6.1 9.1#

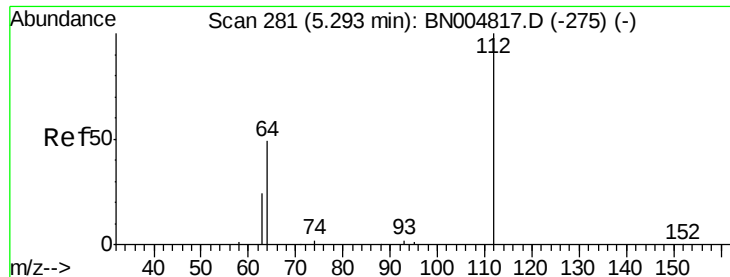


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.388 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

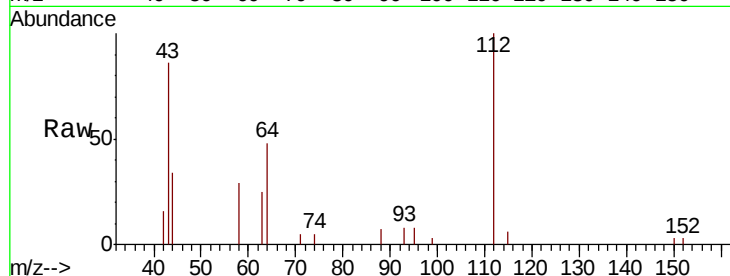
Tgt Ion: 112 Resp: 3469

Ion Ratio Lower Upper

112 100

64 52.1 40.0 60.0

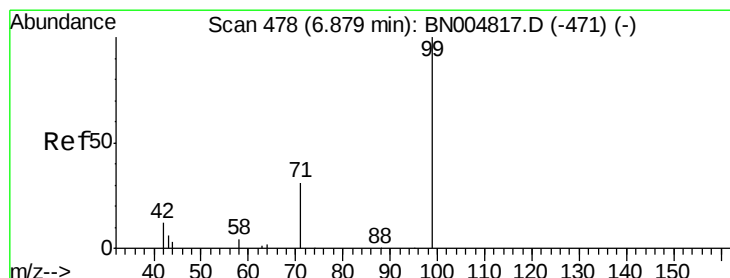
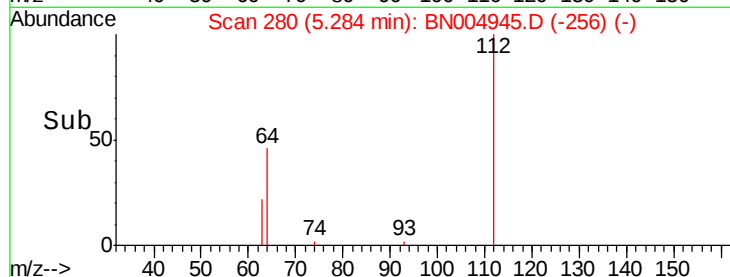
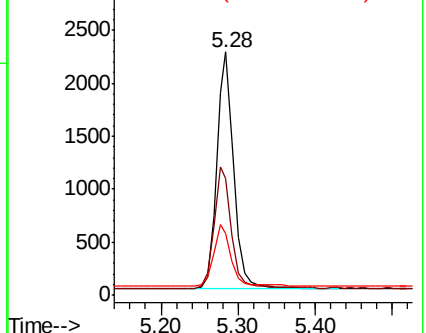
63 26.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.377 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

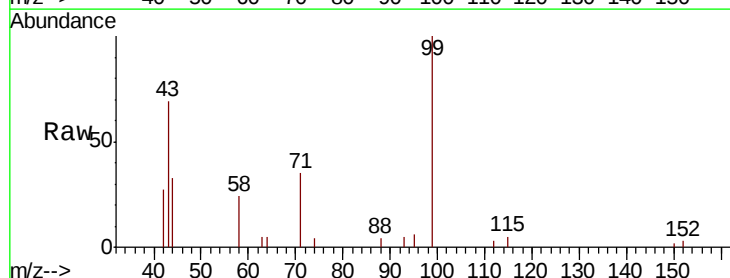
Tgt Ion: 99 Resp: 4198

Ion Ratio Lower Upper

99 100

42 17.6 12.7 19.1

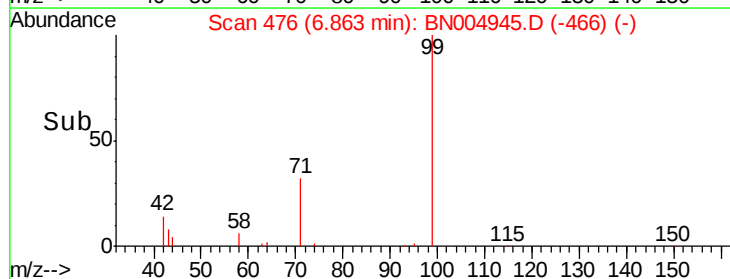
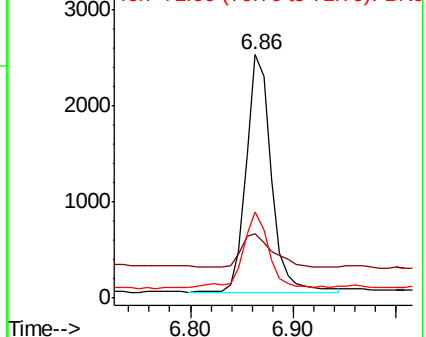
71 32.3 26.6 40.0

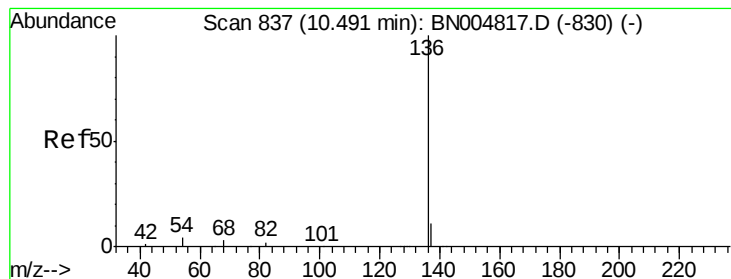


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.03 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

Tgt Ion:136 Resp: 13017

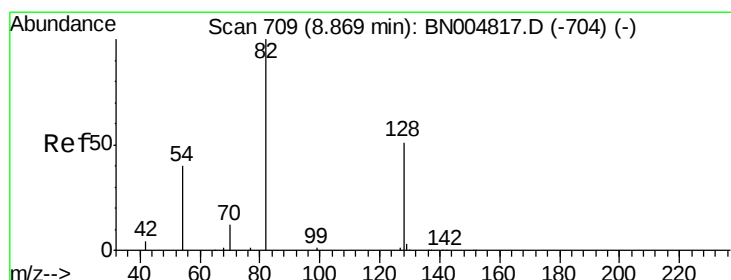
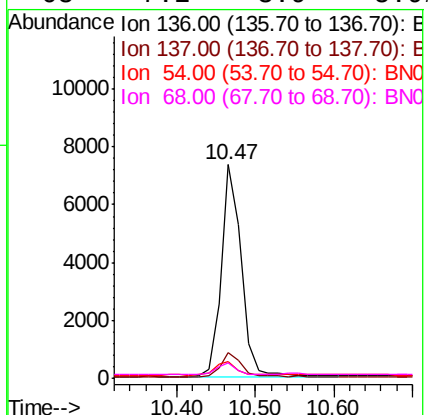
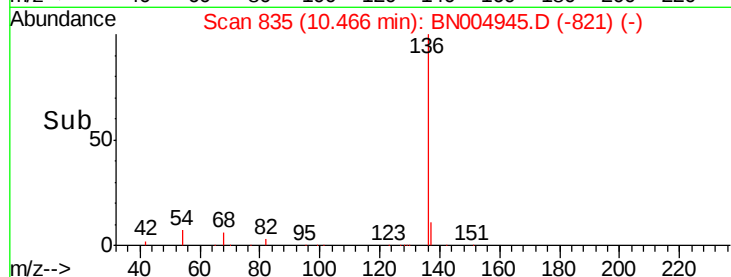
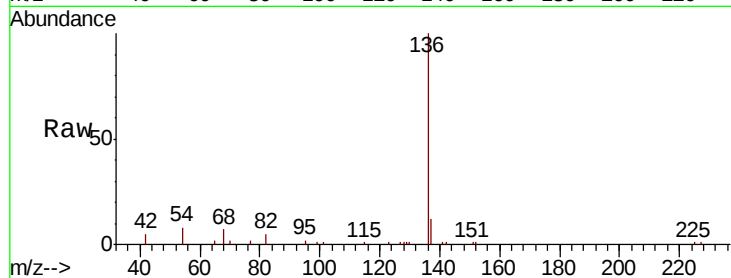
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 7.9 4.2 6.2#

68 7.2 3.9 5.9#



#8

Nitrobenzene-d5

Concen: 0.402 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

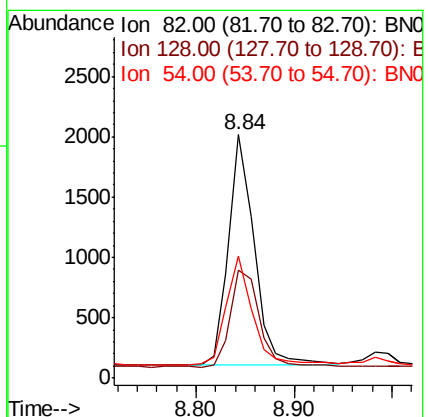
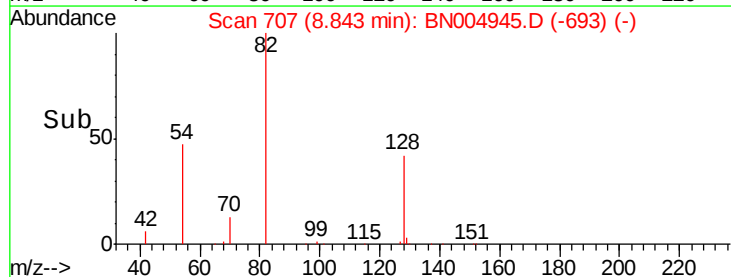
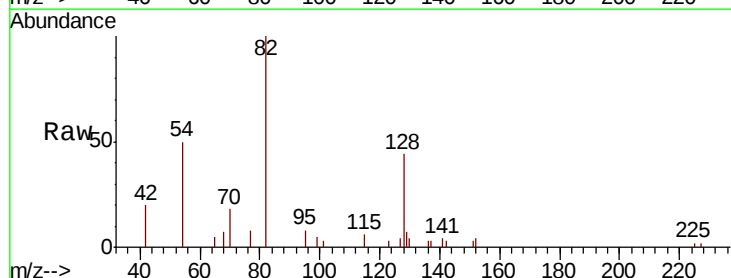
Tgt Ion: 82 Resp: 3465

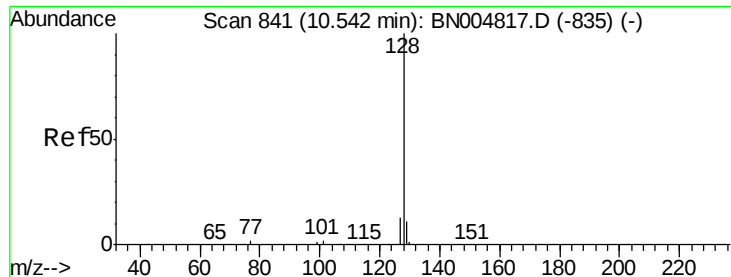
Ion Ratio Lower Upper

82 100

128 44.2 43.0 64.6

54 50.0 35.3 52.9





#9

Naphthalene

Concen: 0.034 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

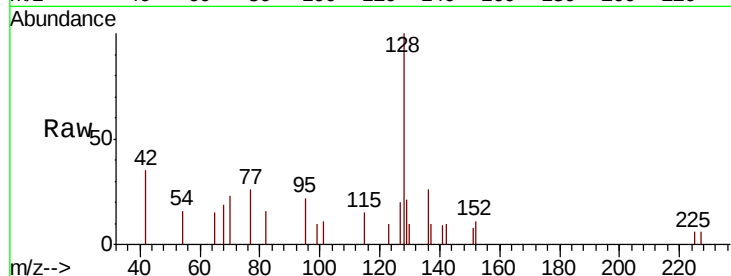
Tgt Ion:128 Resp: 1246

Ion Ratio Lower Upper

128 100

129 20.8 9.9 14.9#

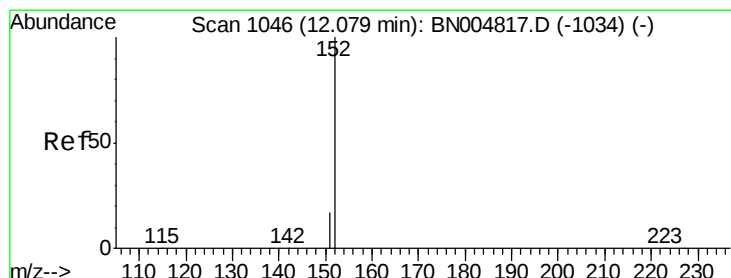
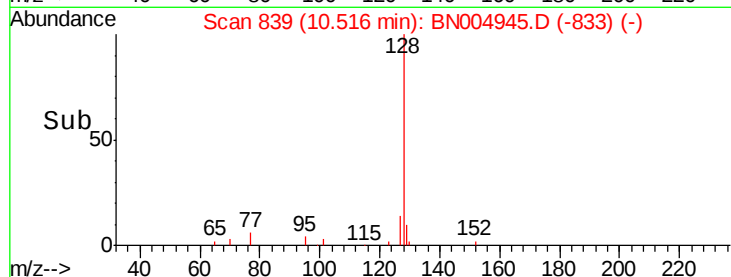
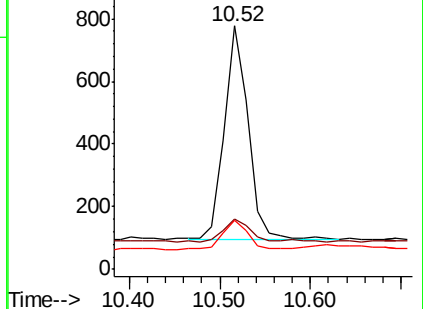
127 20.1 11.3 16.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.310 ng

RT: 12.06 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BN004945.D

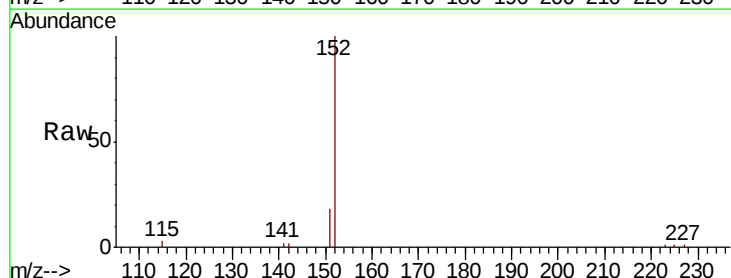
Acq: 24 Mar 2019 18:47

Tgt Ion:152 Resp: 7049

Ion Ratio Lower Upper

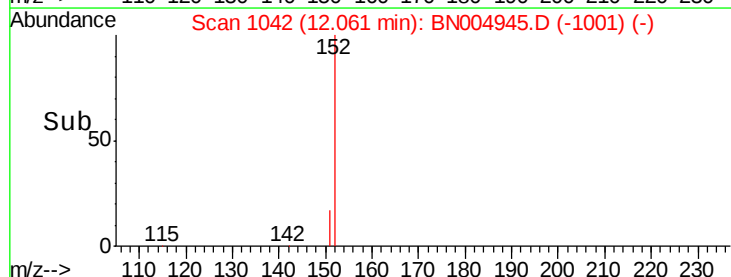
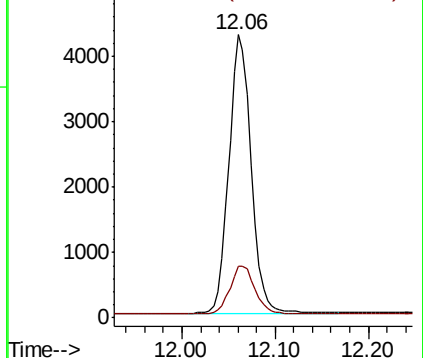
152 100

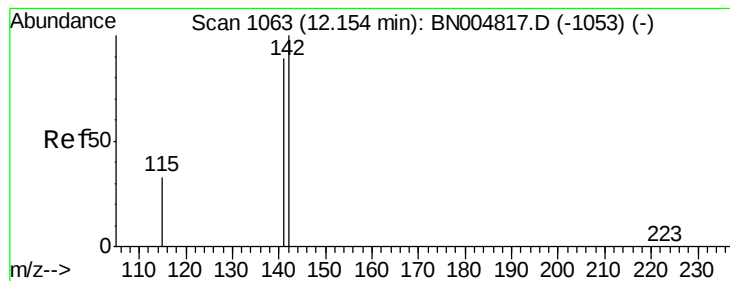
151 19.2 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.024 ng

RT: 12.14 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

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ClientSampleId :

EXT-025-SW037-031919

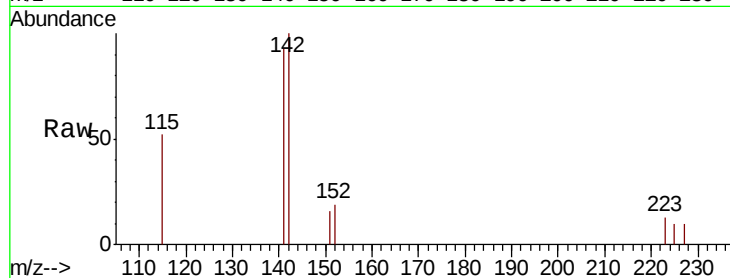
Tgt Ion:142 Resp: 657

Ion Ratio Lower Upper

142 100

141 92.5 71.4 107.2

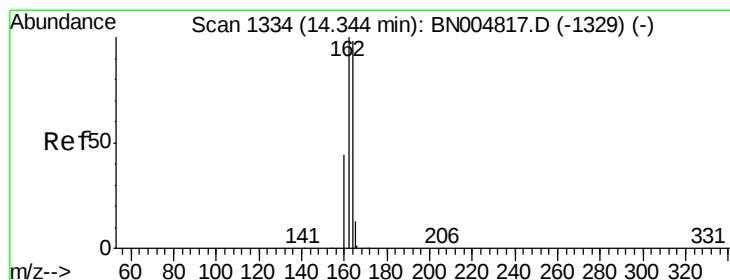
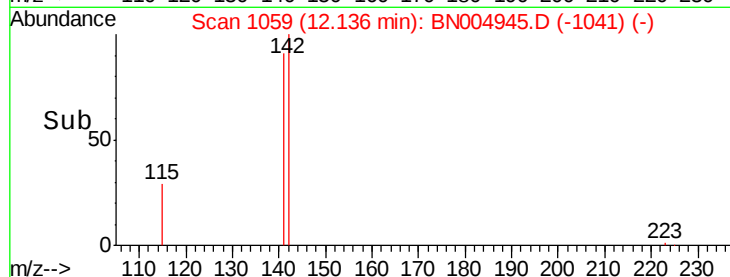
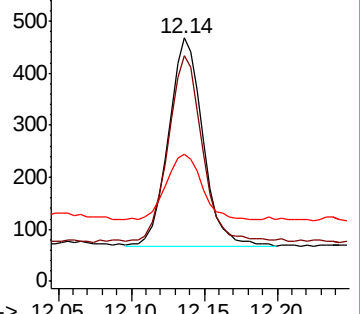
115 52.1 27.5 41.3#



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: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

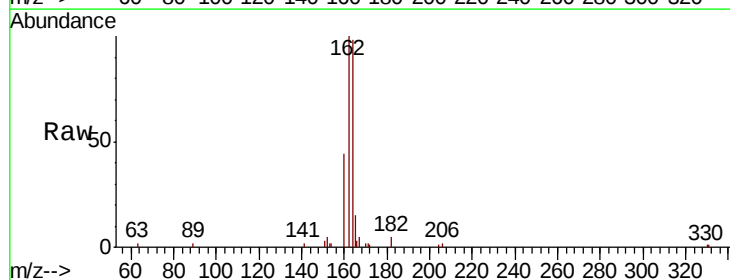
Tgt Ion:164 Resp: 6729

Ion Ratio Lower Upper

164 100

162 101.7 81.9 122.9

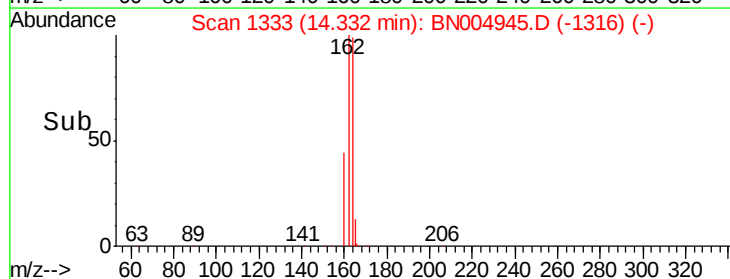
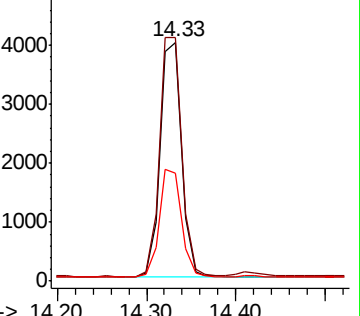
160 45.1 36.6 54.8

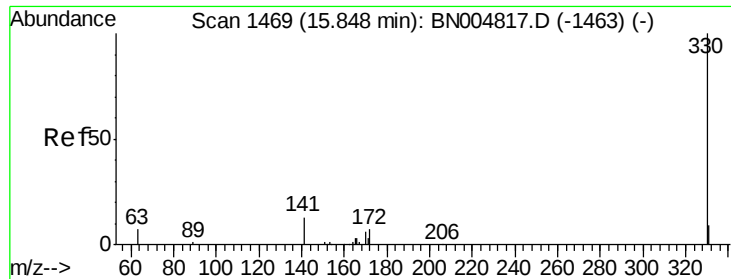


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

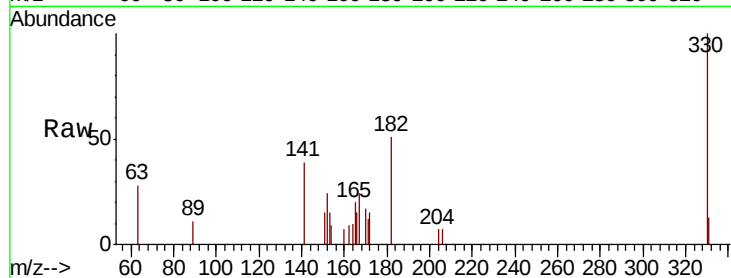




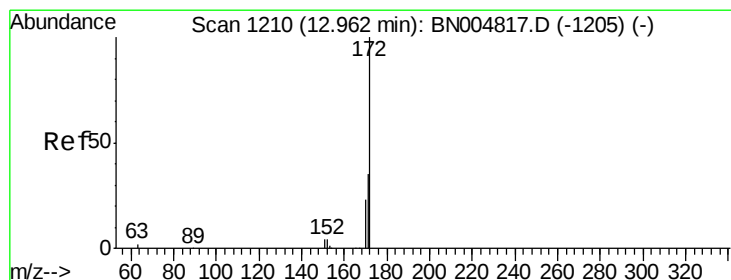
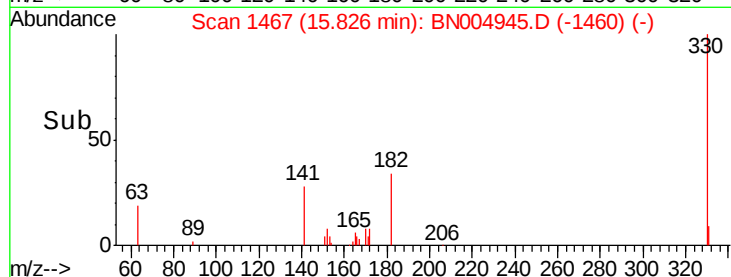
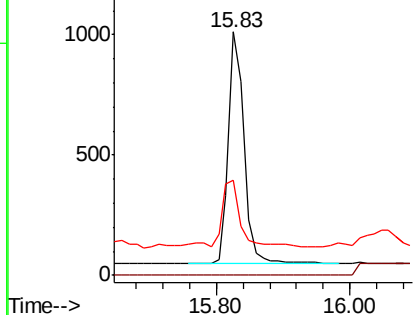
#14
 2,4,6-Tribromophenol
 Concen: 0.334 ng
 RT: 15.83 min Scan# 1467
 Delta R.T. -0.02 min
 Lab File: BN004945.D
 Acq: 24 Mar 2019 18:47

Instrument :
 BNA_N
 ClientSampleId :
 EXT-025-SW037-031919

Tgt Ion:330 Resp: 1554
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.2 20.9 31.3#

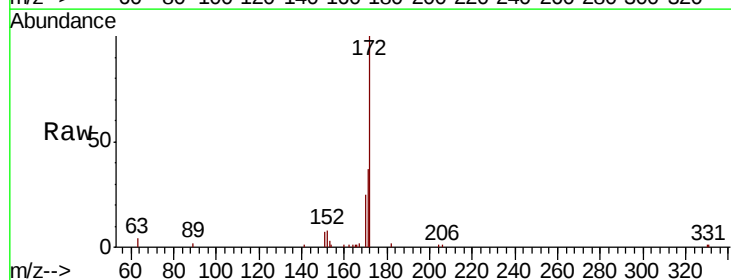


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

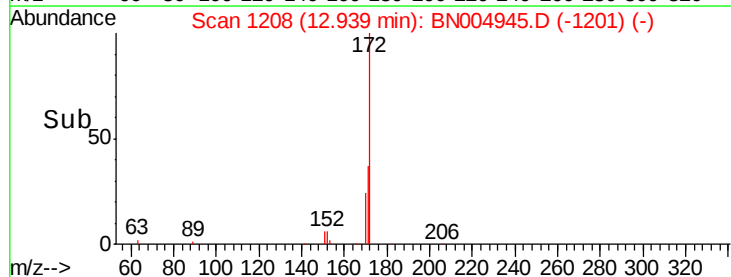
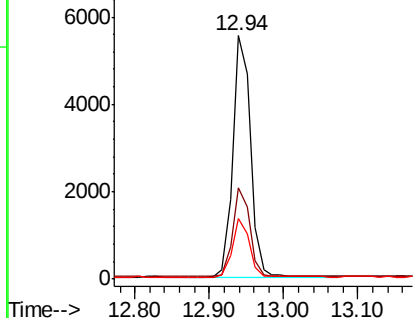


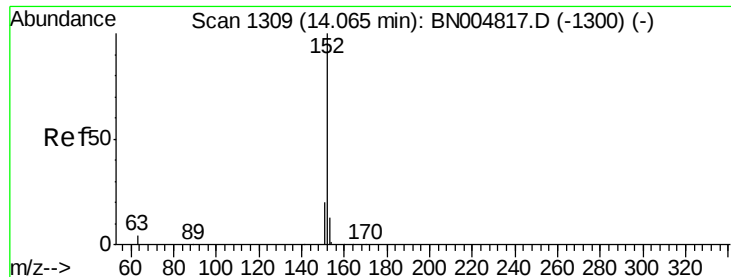
#15
 2-Fluorobiphenyl
 Concen: 0.326 ng
 RT: 12.94 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BN004945.D
 Acq: 24 Mar 2019 18:47

Tgt Ion:172 Resp: 9077
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.7 43.1
 170 25.1 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: 0.166 ng

RT: 14.05 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

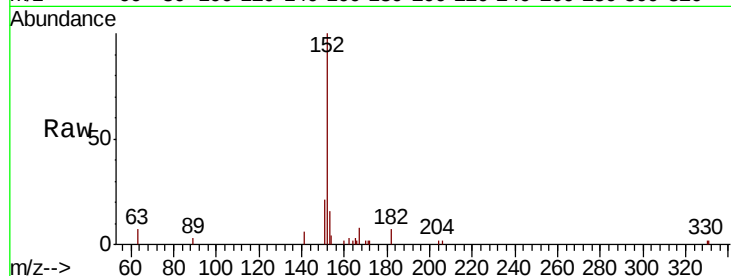
Tgt Ion:152 Resp: 5749

Ion Ratio Lower Upper

152 100

151 20.7 16.1 24.1

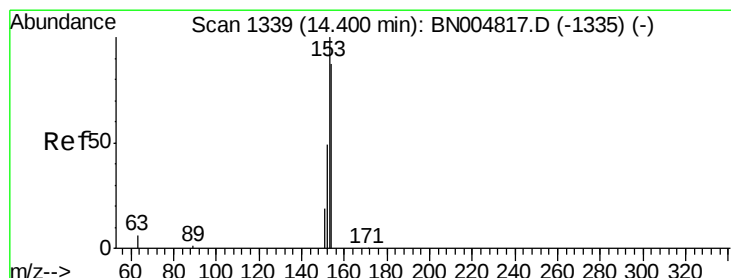
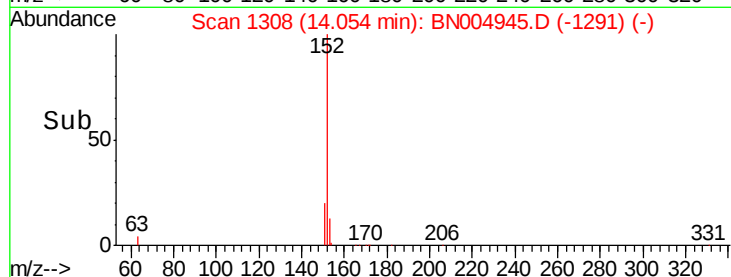
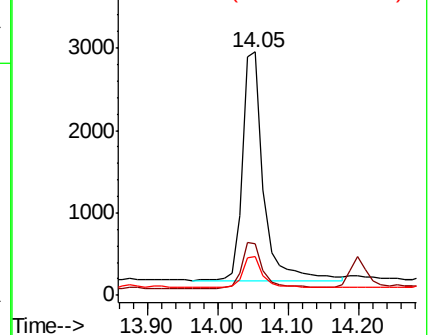
153 13.2 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.035 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

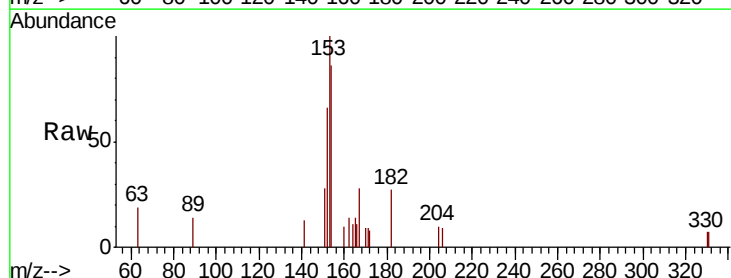
Tgt Ion:154 Resp: 786

Ion Ratio Lower Upper

154 100

153 118.1 91.4 137.2

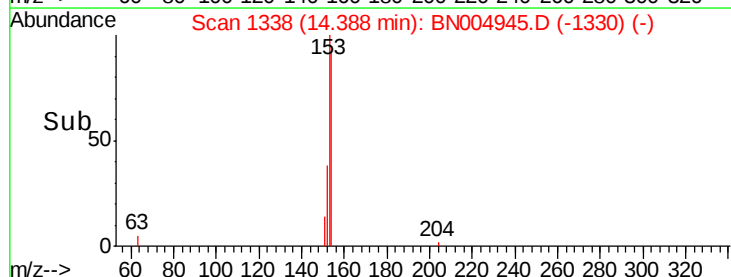
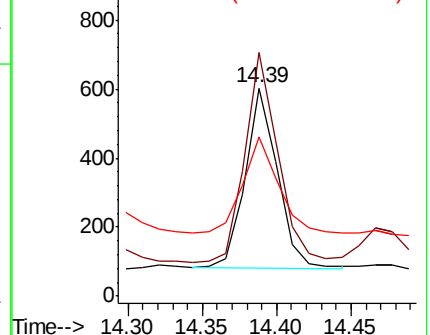
152 58.4 44.2 66.2

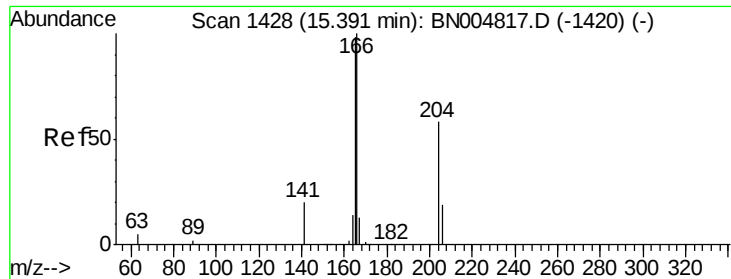


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.053 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

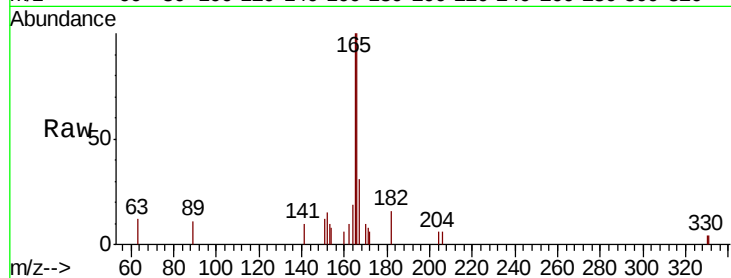
Tgt Ion:166 Resp: 1665

Ion Ratio Lower Upper

166 100

165 106.9 78.2 117.4

167 19.9 11.0 16.4#

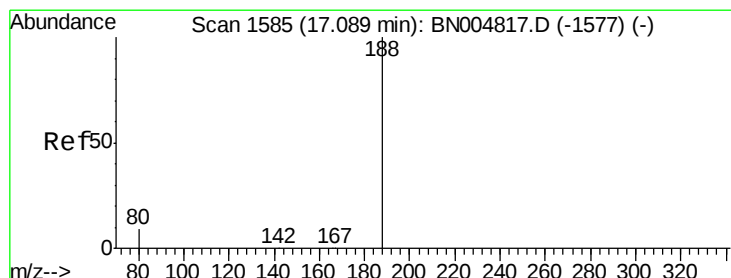
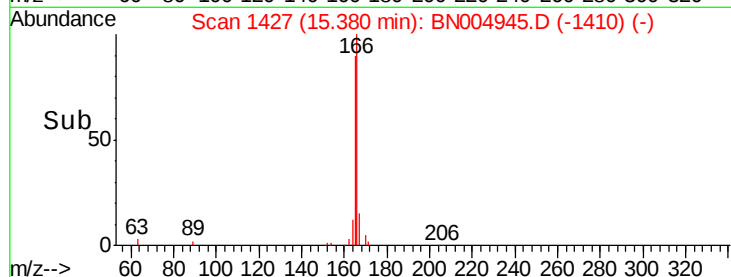
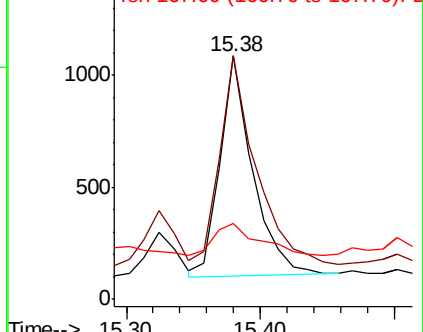


Abundance

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: BN004945.D

Acq: 24 Mar 2019 18:47

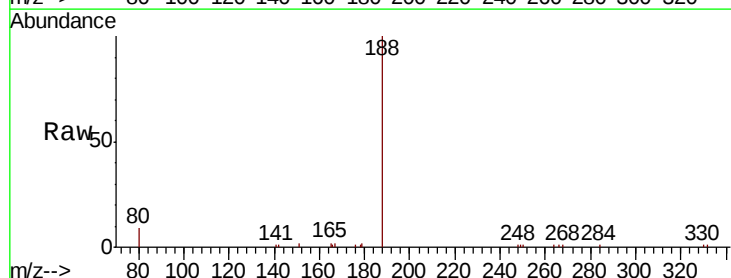
Tgt Ion:188 Resp: 14708

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 7.4 11.2

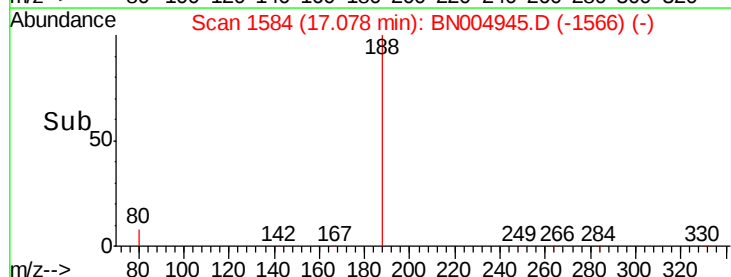
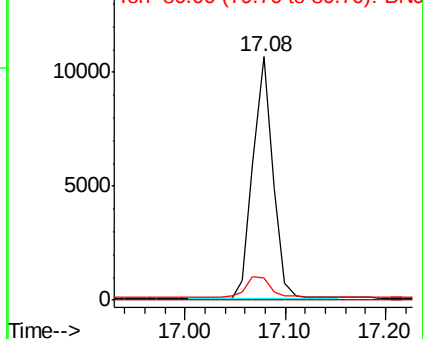


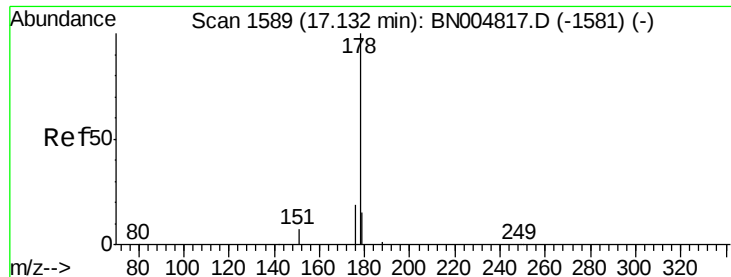
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 0.881 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

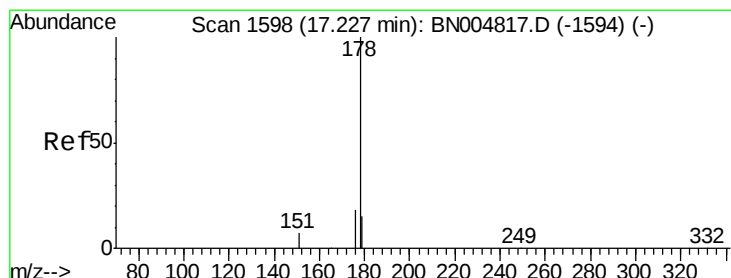
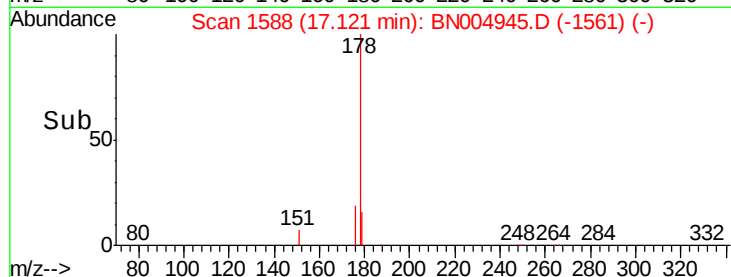
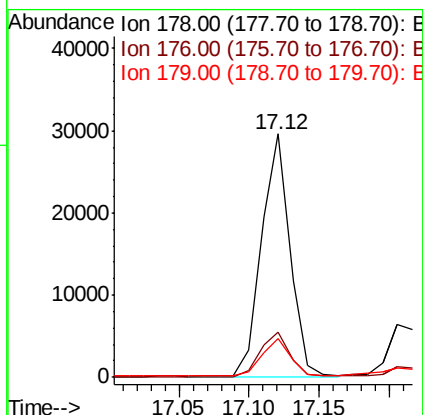
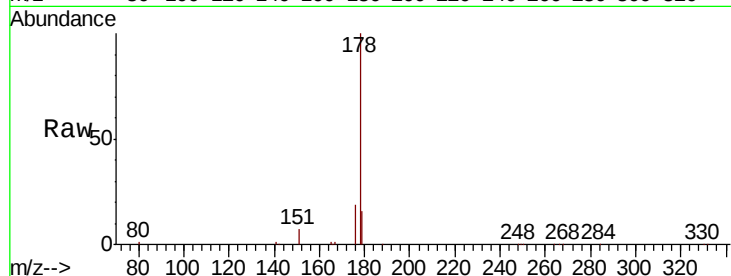
Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

Tgt Ion:	178	Resp:	41836
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.7	12.1	18.1



#24

Anthracene

Concen: 0.230 ng

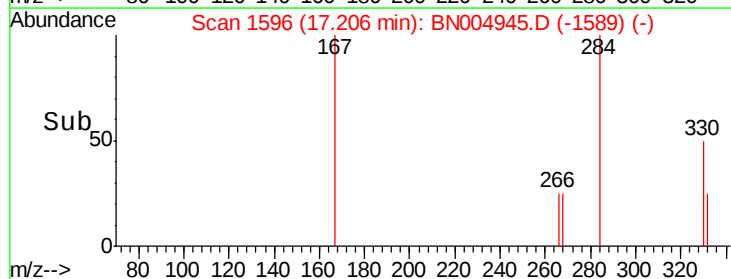
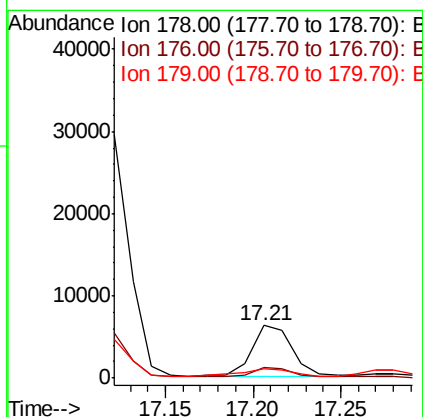
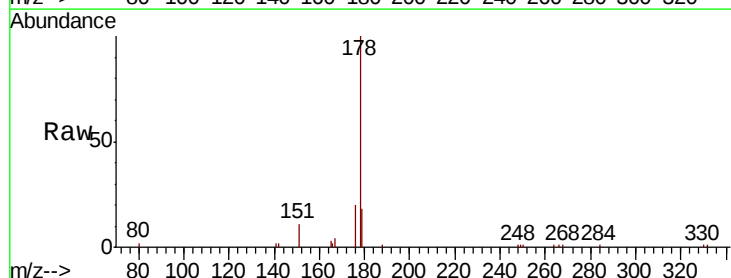
RT: 17.21 min Scan# 1596

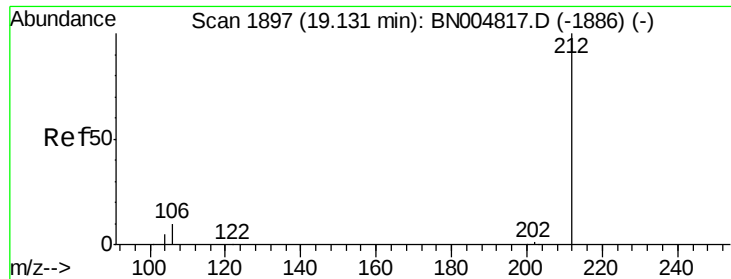
Delta R.T. -0.02 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Tgt Ion:	178	Resp:	9738
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.5	21.7
179	18.6	12.2	18.4#





#25

Fluoranthene-d10

Concen: 0.260 ng

RT: 19.12 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

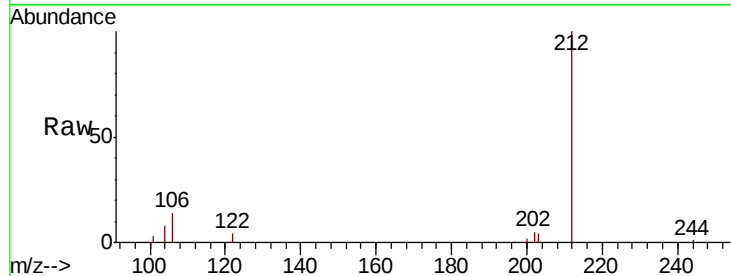
Tgt Ion:212 Resp: 12826

Ion Ratio Lower Upper

212 100

106 13.2 8.6 13.0#

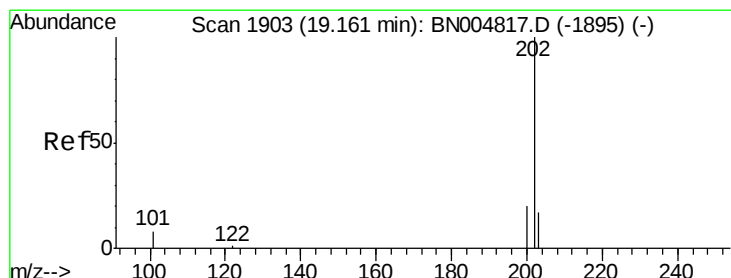
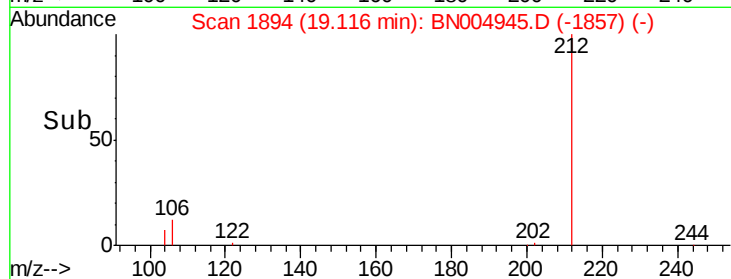
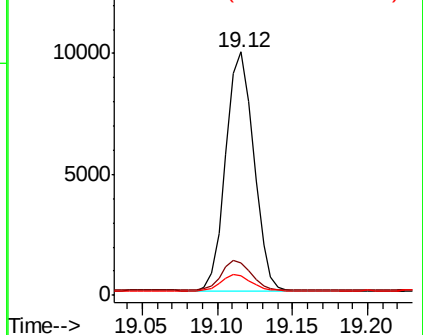
104 7.5 4.7 7.1#



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: 2.474 ng

RT: 19.15 min Scan# 1900

Delta R.T. -0.02 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

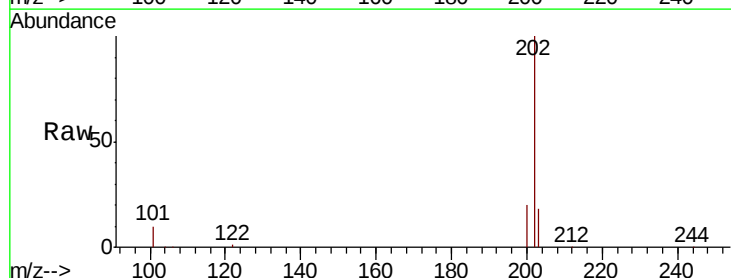
Tgt Ion:202 Resp: 151013

Ion Ratio Lower Upper

202 100

101 10.9 7.5 11.3

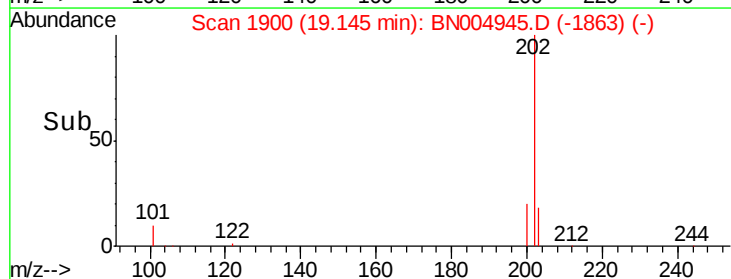
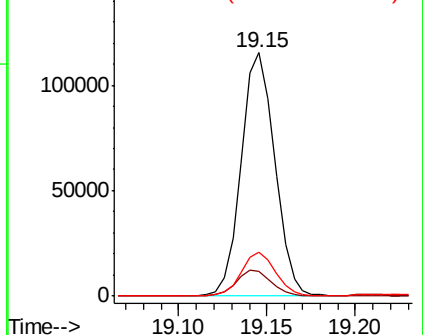
203 17.5 13.8 20.6

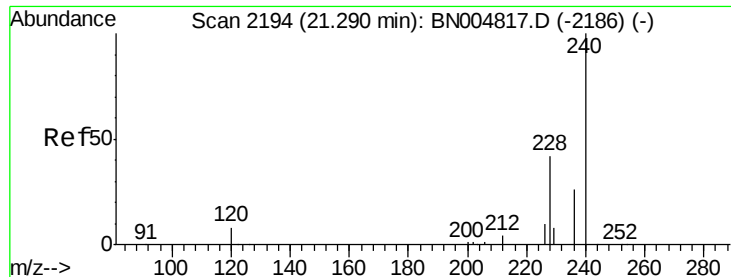


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

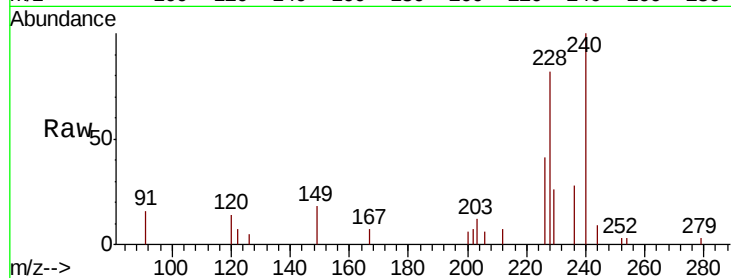




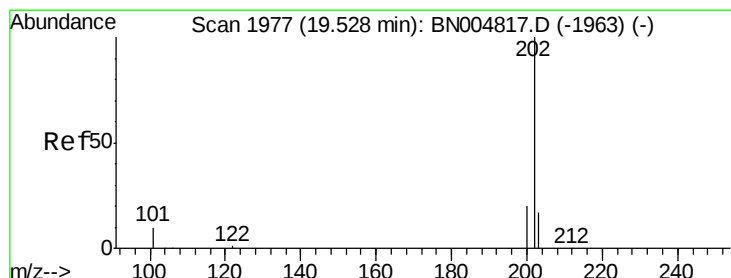
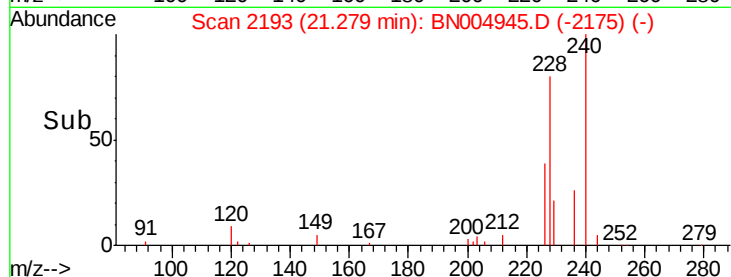
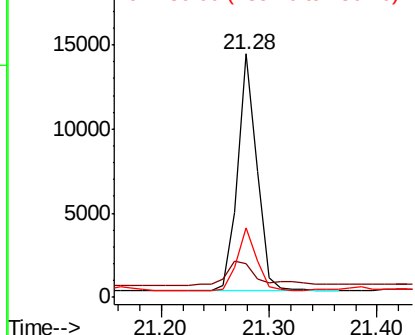
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004945.D
Acq: 24 Mar 2019 18:47

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW037-031919

Tgt Ion:240 Resp: 17450
Ion Ratio Lower Upper
240 100
120 13.9 7.2 10.8#
236 28.4 20.9 31.3

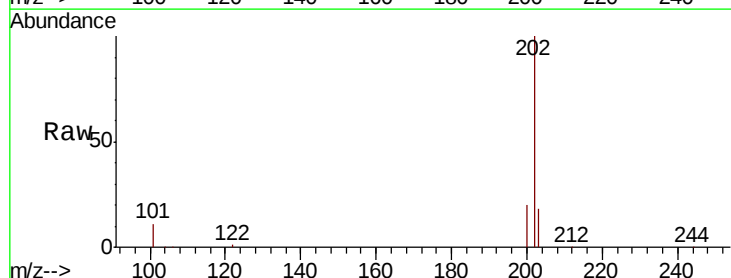


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

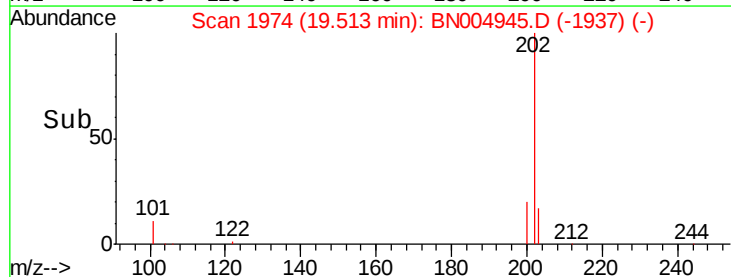
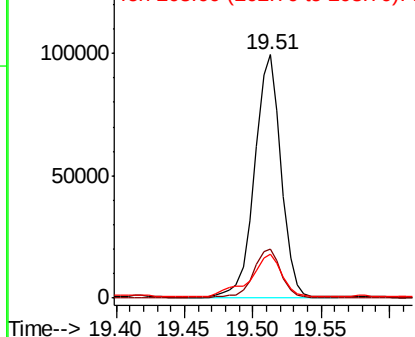


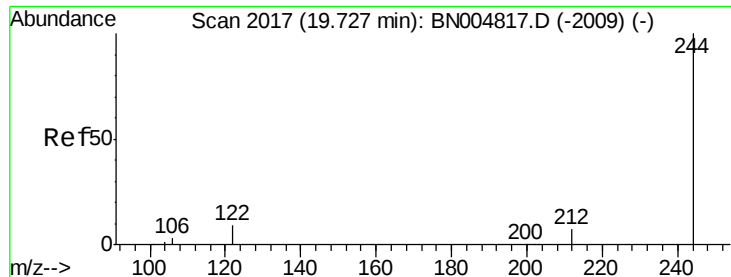
#28
Pyrene
Concen: 2.513 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004945.D
Acq: 24 Mar 2019 18:47

Tgt Ion:202 Resp: 133682
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 21.7 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: 0.229 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

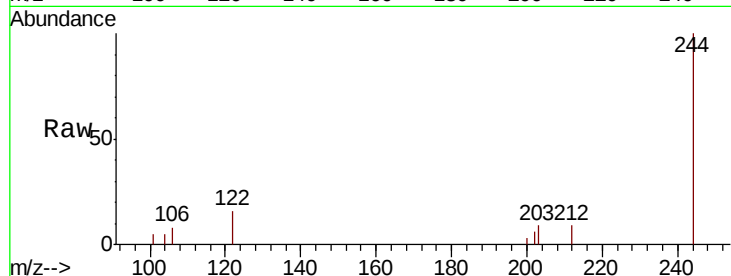
Tgt Ion:244 Resp: 8164

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.6#

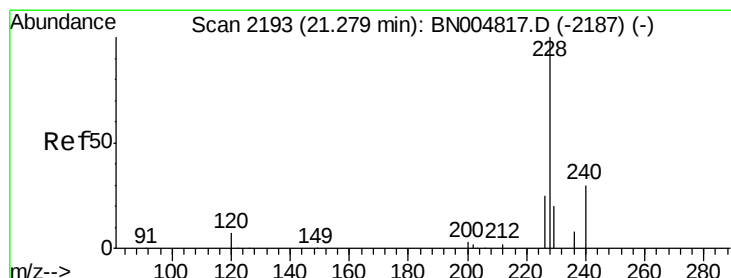
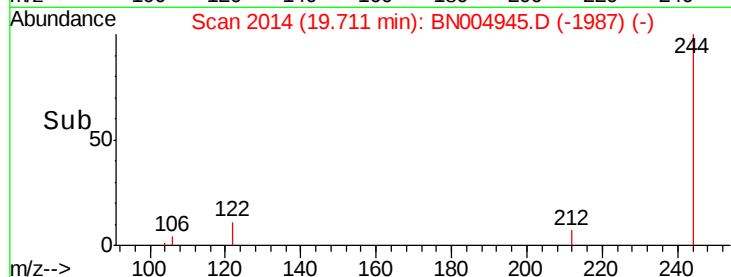
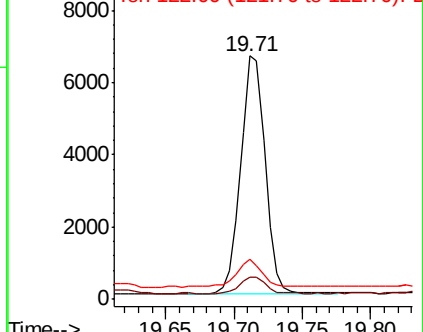
122 16.4 7.9 11.9#



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: 1.488 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

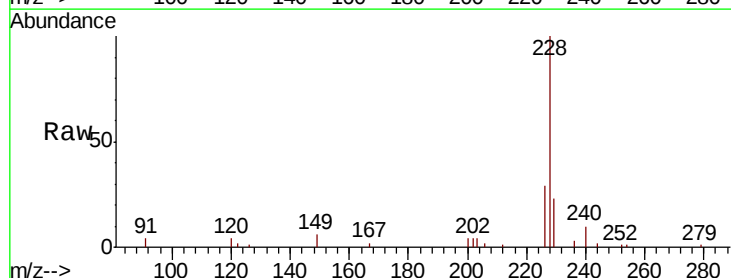
Tgt Ion:228 Resp: 85179

Ion Ratio Lower Upper

228 100

226 28.5 20.6 31.0

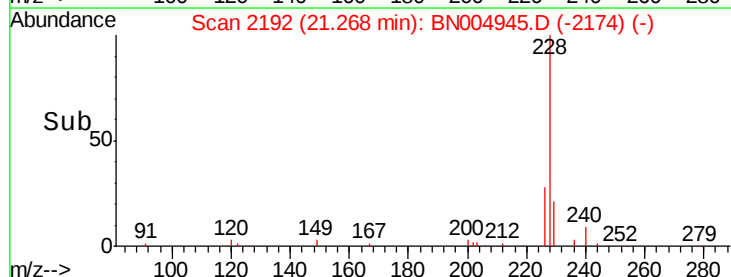
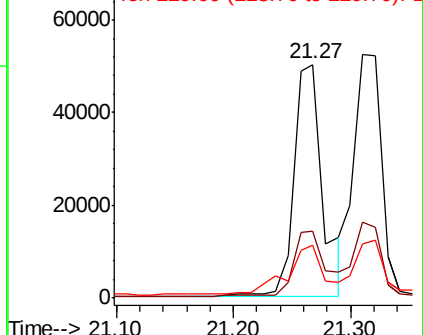
229 22.5 16.2 24.4

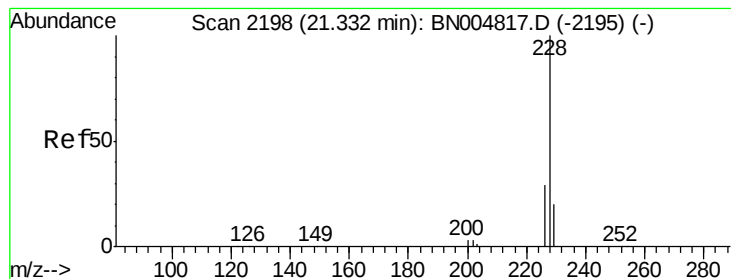


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.396 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

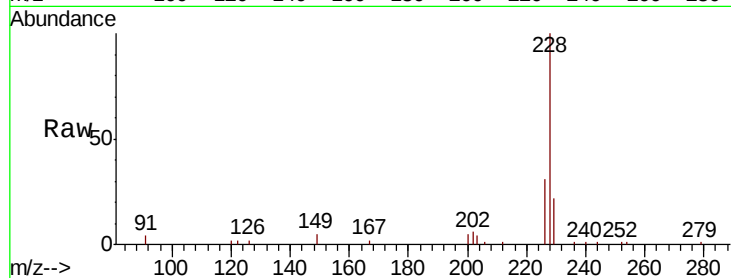
Tgt Ion:228 Resp: 84122

Ion Ratio Lower Upper

228 100

226 31.3 23.0 34.6

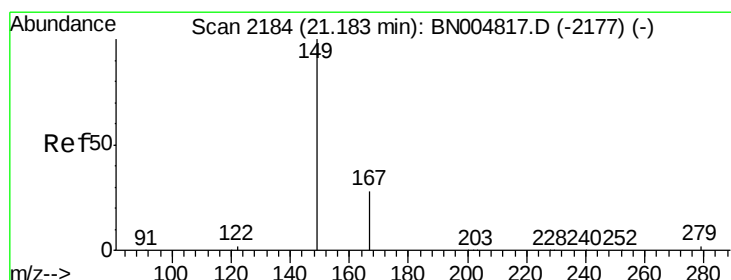
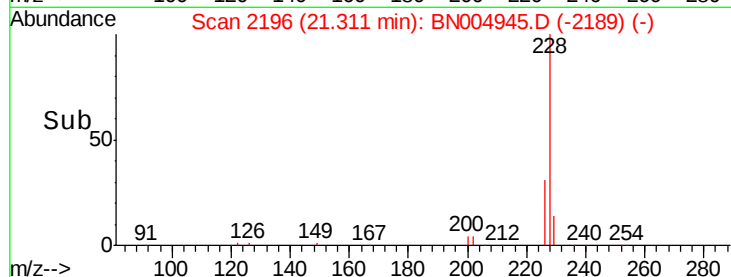
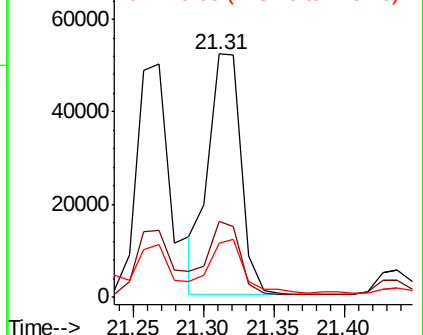
229 22.4 16.2 24.2



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: 0.888 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

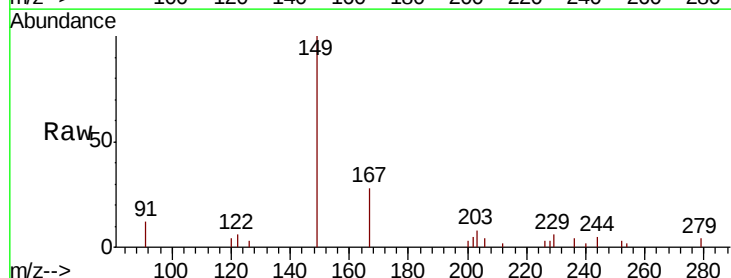
Tgt Ion:149 Resp: 20300

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

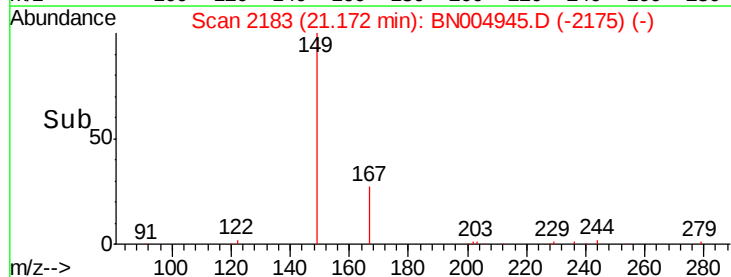
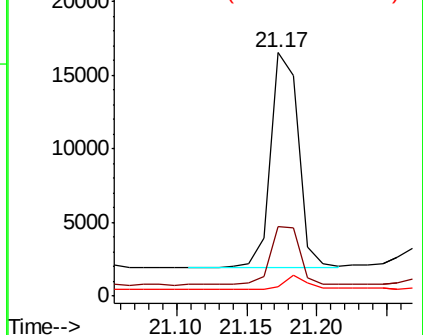
279 5.5 4.6 6.8

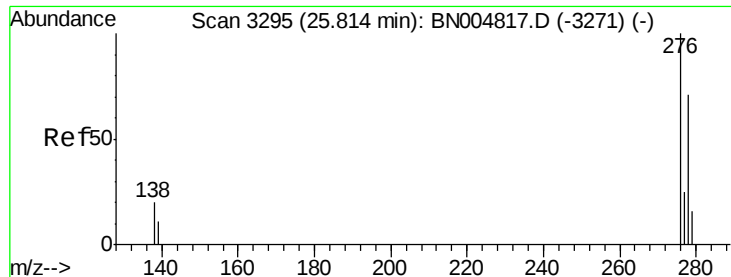


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.837 ng

RT: 25.79 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

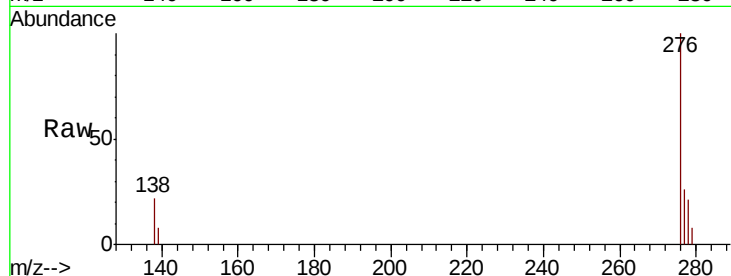
Tgt Ion:276 Resp: 72957

Ion Ratio Lower Upper

276 100

138 20.5 16.6 24.8

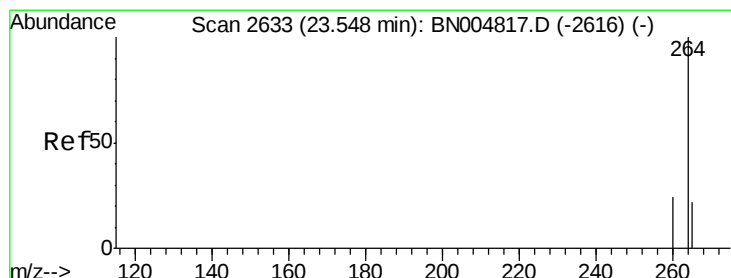
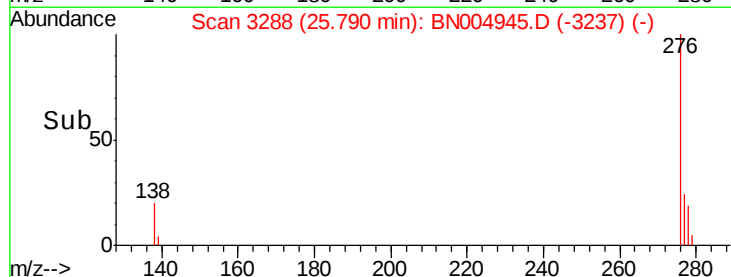
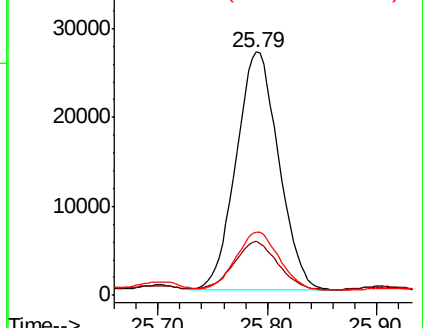
277 24.9 20.3 30.5



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# 2628

Delta R.T. -0.02 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

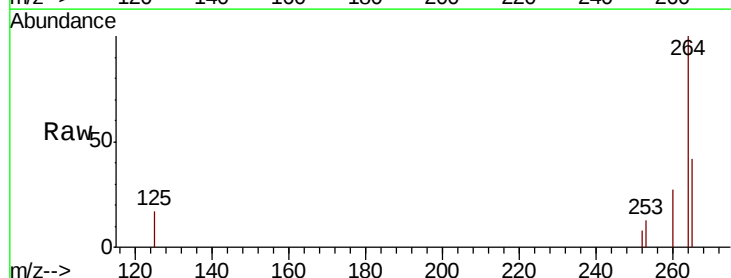
Tgt Ion:264 Resp: 18601

Ion Ratio Lower Upper

264 100

260 26.8 19.5 29.3

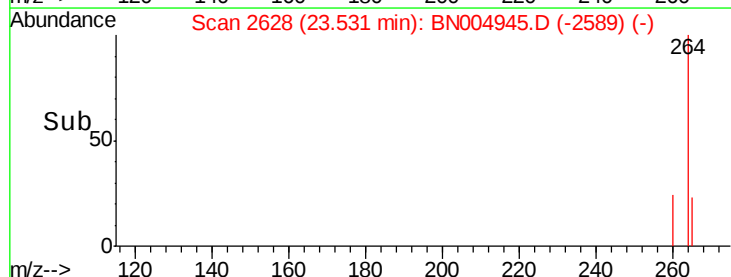
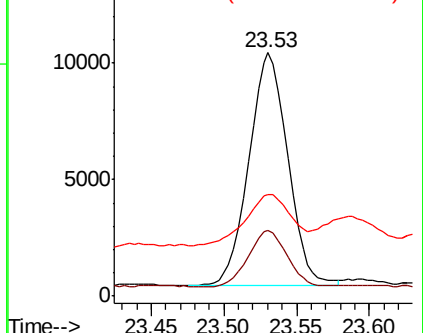
265 41.9 23.1 34.7#

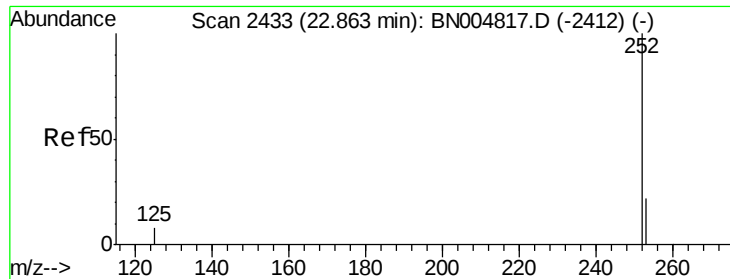


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.990 ng

RT: 22.85 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

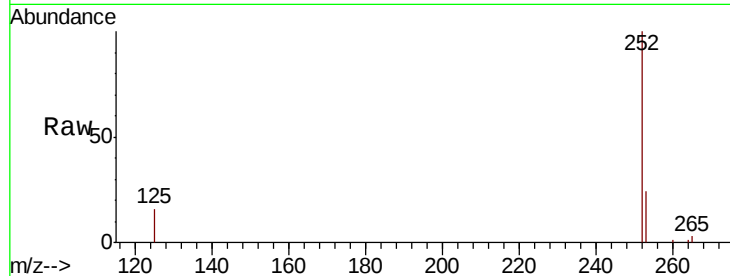
Tgt Ion:252 Resp: 133877

Ion Ratio Lower Upper

252 100

253 24.4 19.0 28.4

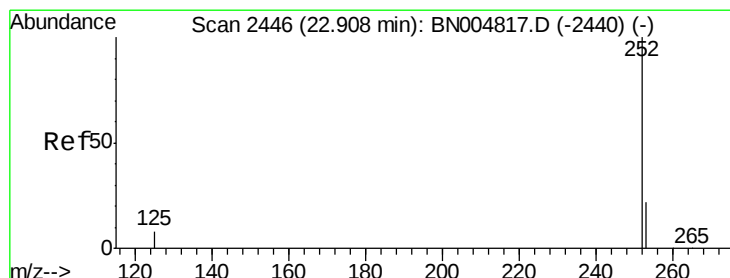
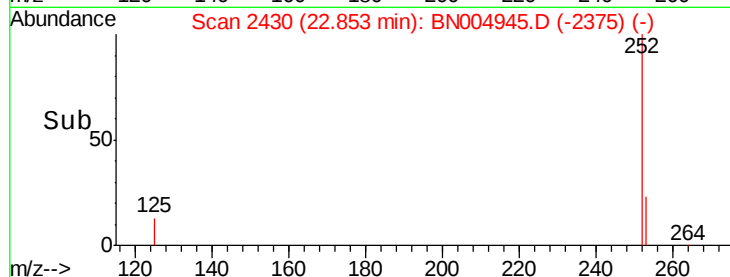
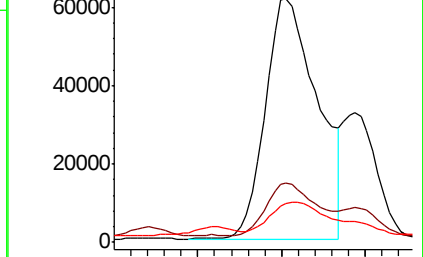
125 15.9 7.4 11.2#



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: 2.022 ng

RT: 22.85 min Scan# 2430

Delta R.T. -0.06 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

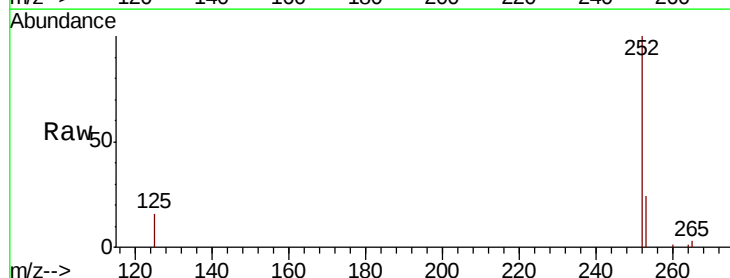
Tgt Ion:252 Resp: 133877

Ion Ratio Lower Upper

252 100

253 24.4 19.3 28.9

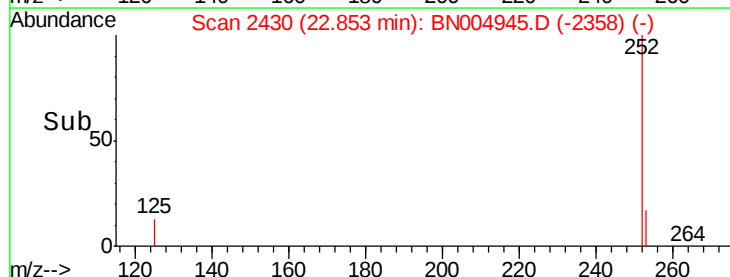
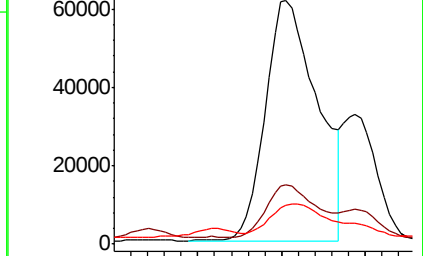
125 15.9 7.4 11.0#

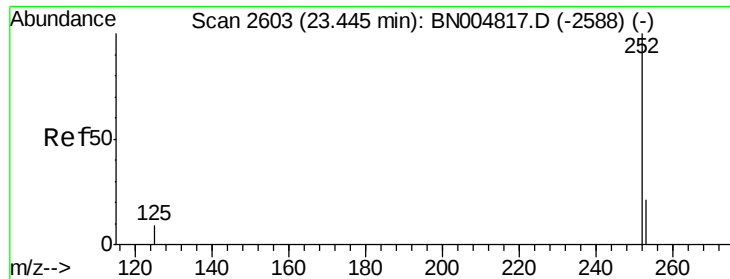


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.409 ng

RT: 23.43 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919

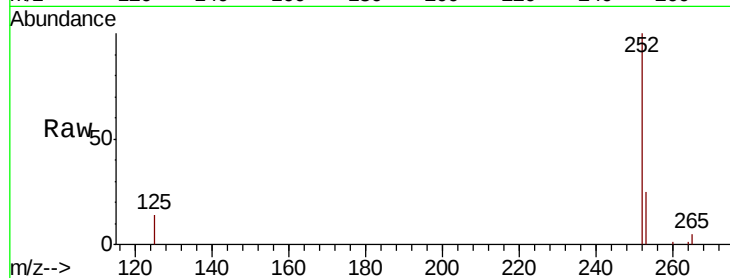
Tgt Ion:252 Resp: 86947

Ion Ratio Lower Upper

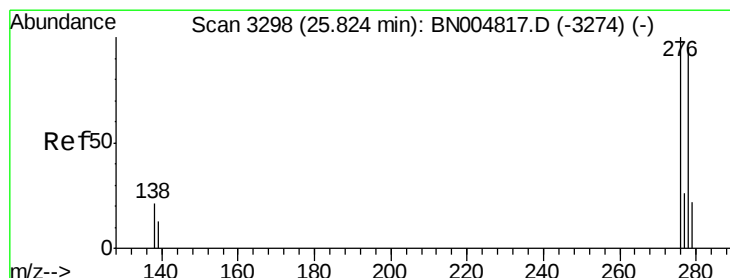
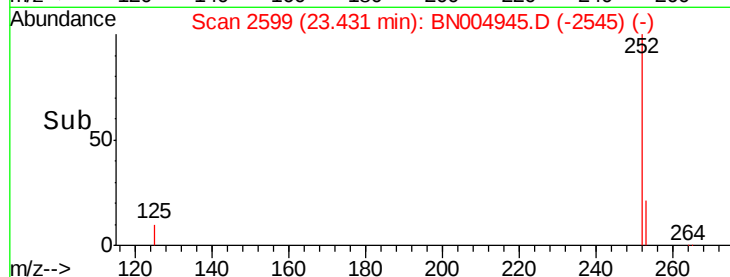
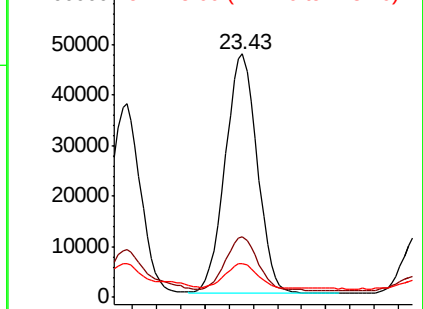
252 100

253 25.0 19.7 29.5

125 13.8 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: 0.261 ng

RT: 25.80 min Scan# 3290

Delta R.T. -0.03 min

Lab File: BN004945.D

Acq: 24 Mar 2019 18:47

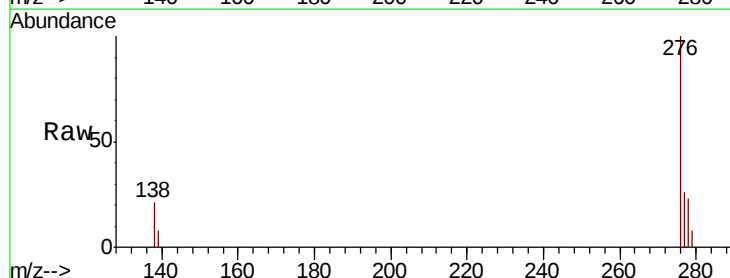
Tgt Ion:278 Resp: 18653

Ion Ratio Lower Upper

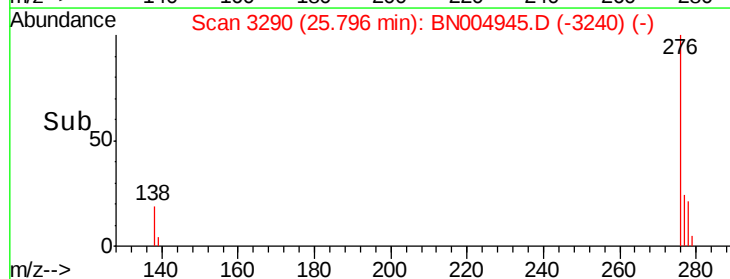
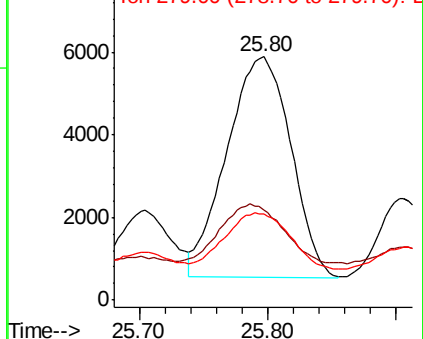
278 100

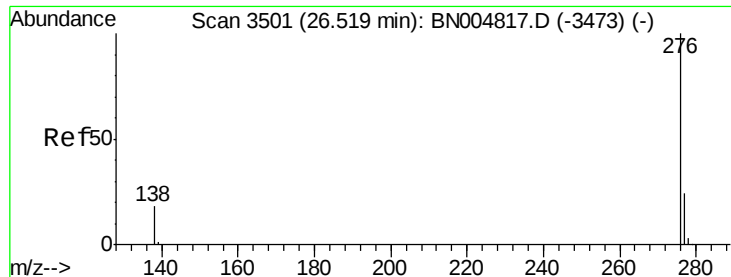
139 37.0 11.7 17.5#

279 35.2 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: 0.995 ng

RT: 26.49 min Scan# 3494

Delta R.T. -0.02 min

Lab File: BN004945.D

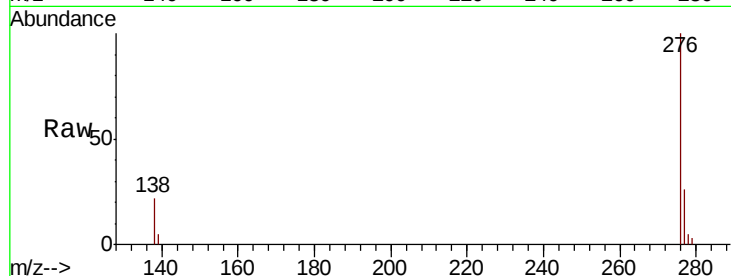
Acq: 24 Mar 2019 18:47

Instrument :

BNA_N

ClientSampleId :

EXT-025-SW037-031919



Tgt Ion: 276 Resp: 72487

Ion Ratio Lower Upper

276 100

277 26.0 19.7 29.5

138 22.2 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

