

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
 Data File : BN007368.D
 Acq On : 24 Aug 2019 17:54
 Operator : HP/JU
 Sample : K4495-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 N1-SB2-1.0-1.5-082219

Quant Time: Aug 24 23:42:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 24 00:38:17 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5824	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	24753	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	13559	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	30073	0.40	ng	0.00
27) Chrysene-d12	21.02	240	30643	0.40	ng	0.00
34) Perylene-d12	23.12	264	33113	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.04	112	6790	0.33	ng	0.00
5) Phenol-d6	6.59	99	8920	0.34	ng	0.00
8) Nitrobenzene-d5	8.53	82	6705	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	12576	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2278	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	15455	0.28	ng	0.00
25) Fluoranthene-d10	18.84	212	25195	0.26	ng	0.00
29) Terphenyl-d14	19.47	244	18366	0.23	ng	0.00

Target Compounds

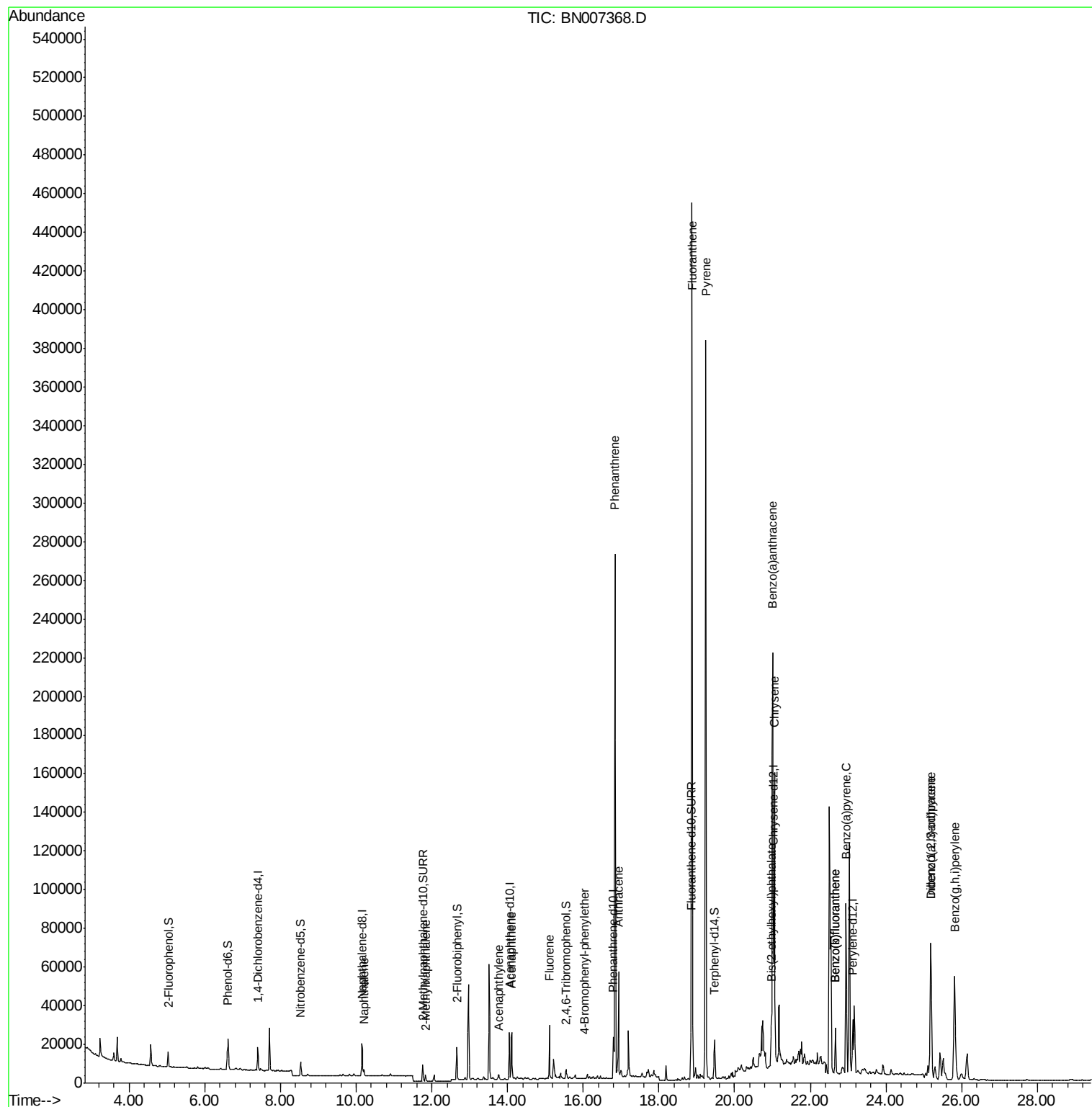
						Qvalue
9) Naphthalene	10.20	128	4520	0.064	ng	95
12) 2-Methylnaphthalene	11.83	142	2389	0.050	ng	95
16) Acenaphthylene	13.76	152	3323	0.041	ng	# 95
17) Acenaphthene	14.11	154	13497	0.288	ng	98
18) Fluorene	15.10	166	17472	0.294	ng	99
20) 4-Bromophenyl-phenylether	16.04	248	328	0.028	ng	# 1
23) Phenanthrene	16.84	178	267622	2.959	ng	99
24) Anthracene	16.93	178	55979	0.615	ng	# 94
26) Fluoranthene	18.87	202	422445	3.637	ng	100
28) Pyrene	19.24	202	350457	2.843	ng	# 94
30) Benzo(a)anthracene	21.00	228	194737	1.618	ng	99
31) Chrysene	21.06	228	154524	1.330	ng	97
32) Bis(2-ethylhexyl)phthalate	20.97	149	11451	0.128	ng	93
33) Indeno(1,2,3-cd)pyrene	25.18	276	109874	0.785	ng	98
35) Benzo(b)fluoranthene	22.66	252	26608	0.222	ng	93
36) Benzo(k)fluoranthene	22.66	252	28869	0.243	ng	93
37) Benzo(a)pyrene	22.94	252	107401	0.941	ng	98
38) Dibenzo(a,h)anthracene	25.19	278	27112	0.238	ng	# 91
39) Benzo(g,h,i)perylene	25.81	276	107739	0.949	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 568

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

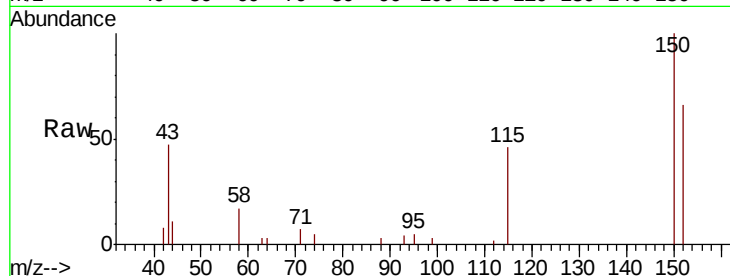
Tgt Ion:152 Resp: 5824

Ion Ratio Lower Upper

152 100

150 150.6 109.1 163.7

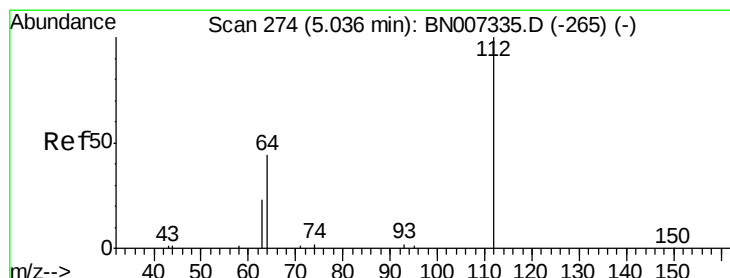
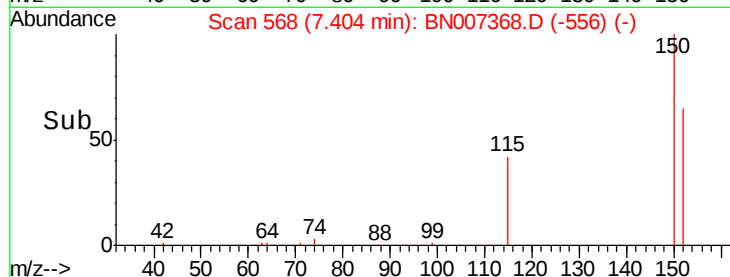
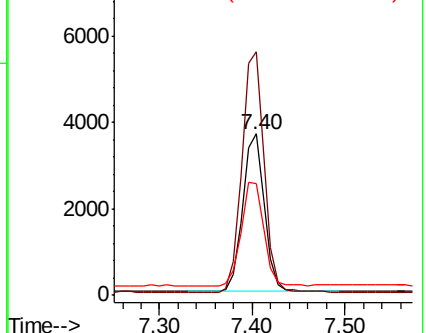
115 69.3 59.6 89.4



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: 0.331 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

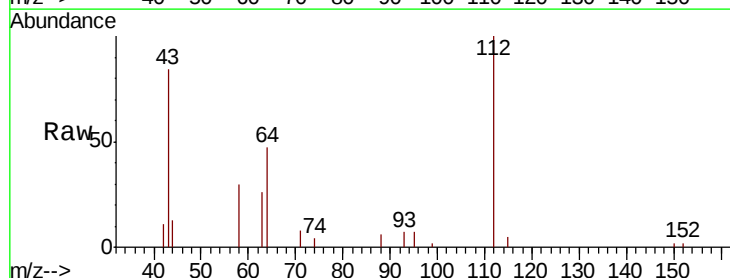
Tgt Ion:112 Resp: 6790

Ion Ratio Lower Upper

112 100

64 52.8 42.3 63.5

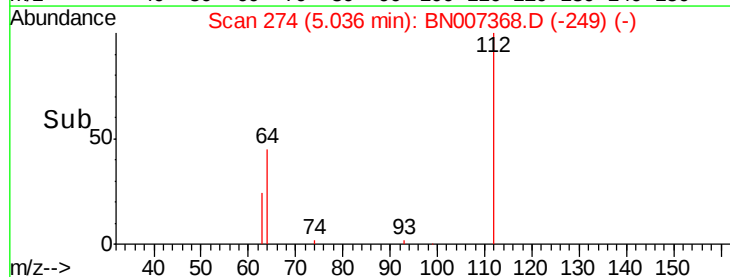
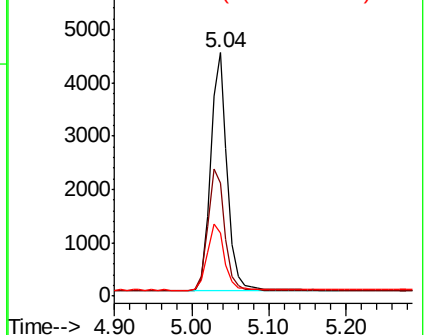
63 29.3 23.6 35.4



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: 0.343 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

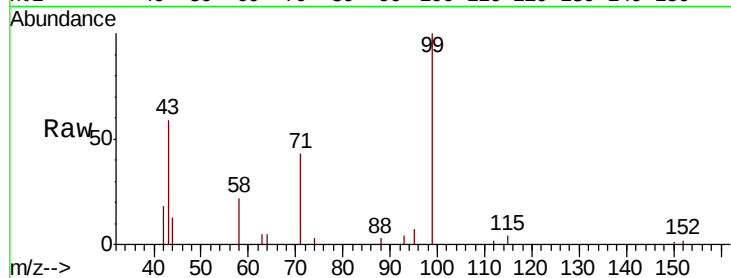
Tgt Ion: 99 Resp: 8920

Ion Ratio Lower Upper

99 100

42 18.6 11.2 16.8#

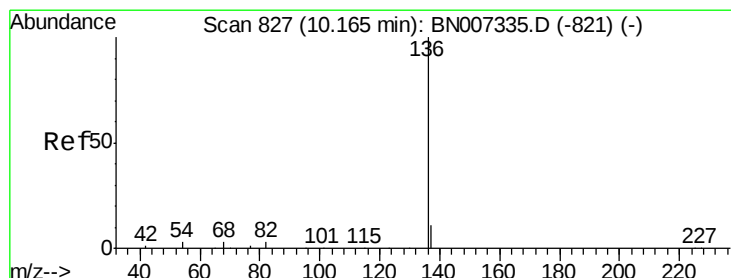
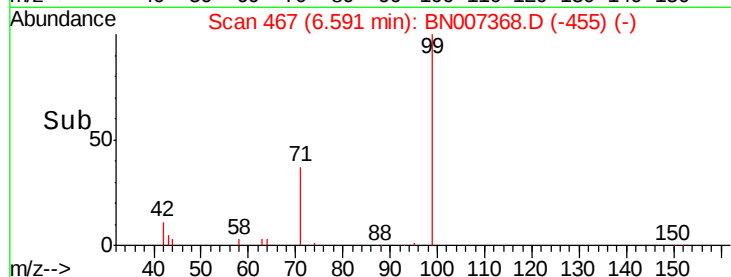
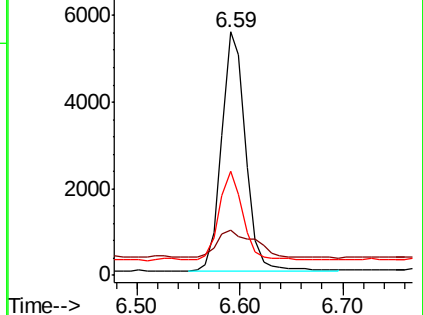
71 37.5 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Tgt Ion: 136 Resp: 24753

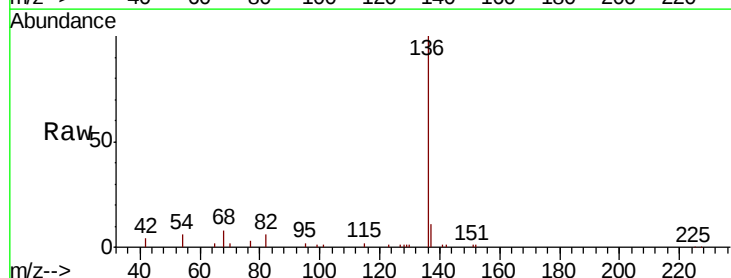
Ion Ratio Lower Upper

136 100

137 11.4 12.9 19.3#

54 6.1 8.6 12.8#

68 7.7 17.0 25.4#

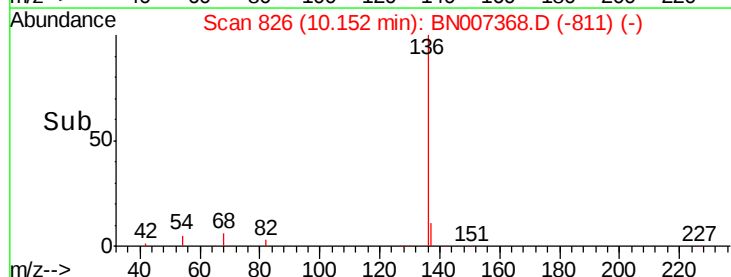
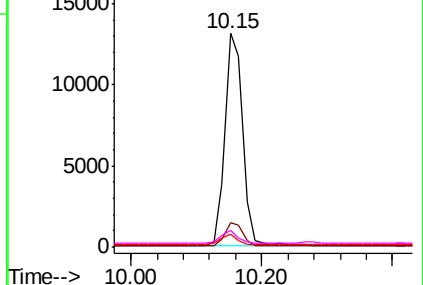


Abundance Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007335.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007335.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007335.D (-821) (-)





#8

Nitrobenzene-d5

Concen: 0.311 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

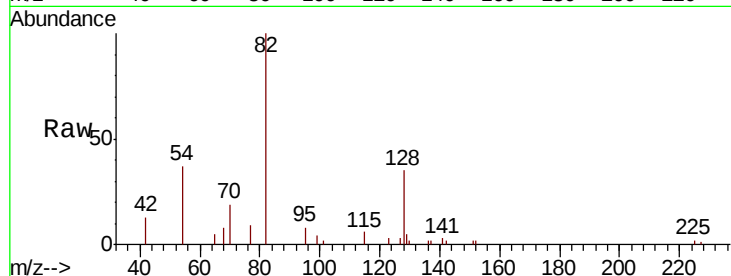
Tgt Ion: 82 Resp: 6705

Ion Ratio Lower Upper

82 100

128 35.3 19.7 29.5#

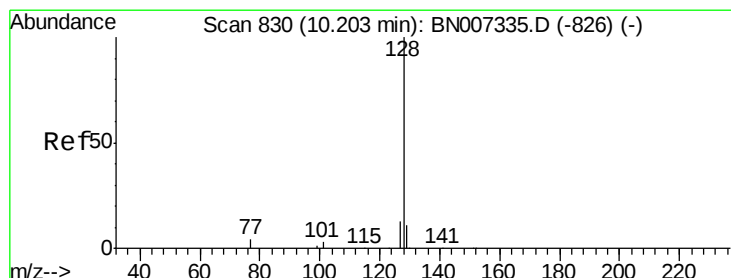
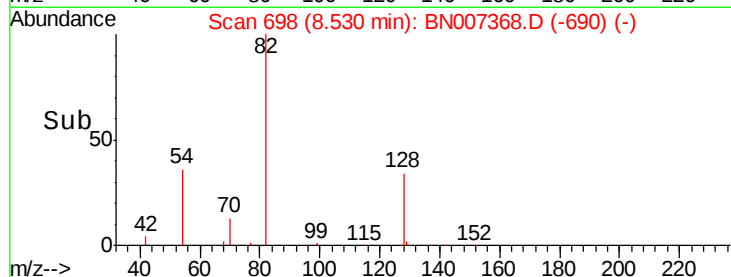
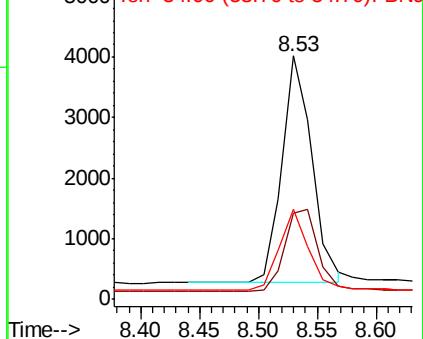
54 36.9 25.8 38.6



Abundance Ion 82.00 (81.70 to 82.70): BN007335.D (-695) (-)

Ion 128.00 (127.70 to 128.70): BN007335.D (-695) (-)

Ion 54.00 (53.70 to 54.70): BN007335.D (-695) (-)



#9

Naphthalene

Concen: 0.064 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

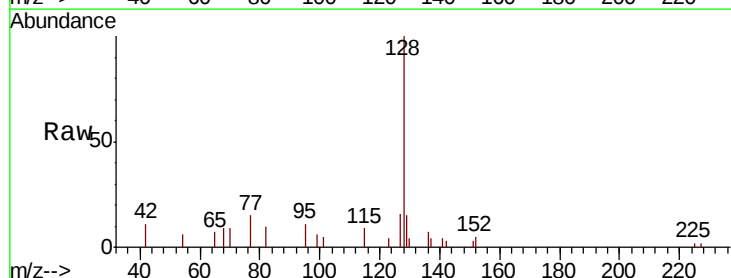
Tgt Ion: 128 Resp: 4520

Ion Ratio Lower Upper

128 100

129 15.0 11.1 16.7

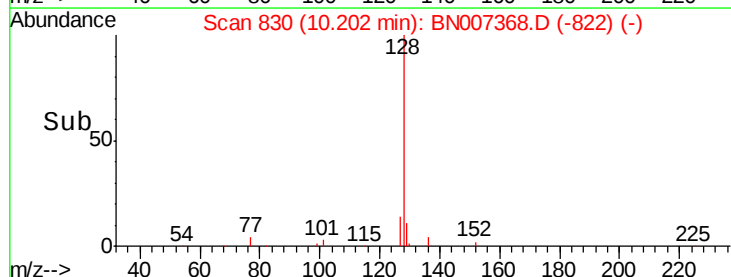
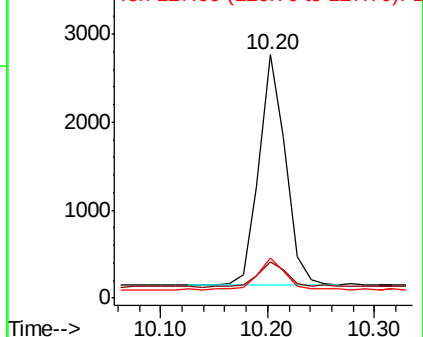
127 16.2 15.5 23.3



Abundance Ion 128.00 (127.70 to 128.70): BN007335.D (-826) (-)

Ion 129.00 (128.70 to 129.70): BN007335.D (-826) (-)

Ion 127.00 (126.70 to 127.70): BN007335.D (-826) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

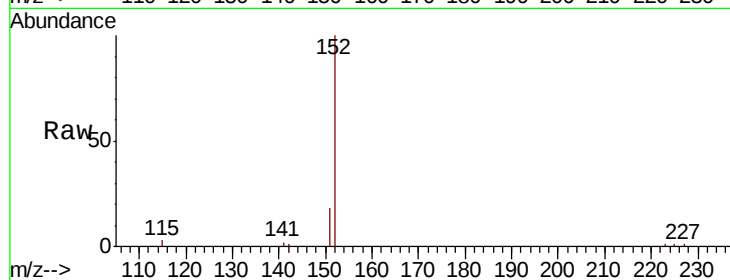
N1-SB2-1.0-1.5-082219

Tgt Ion:152 Resp: 12576

Ion Ratio Lower Upper

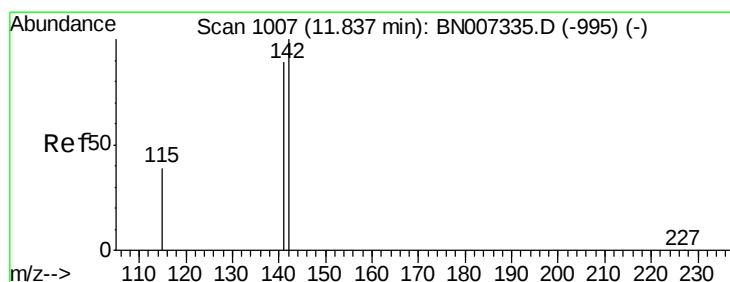
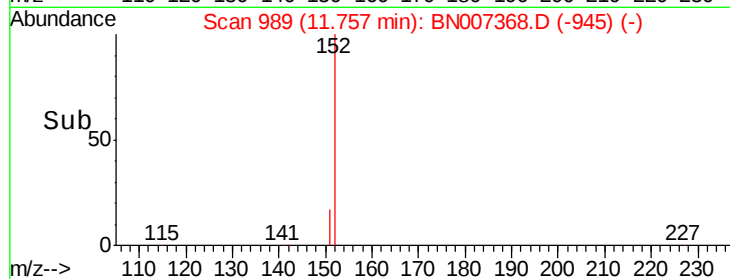
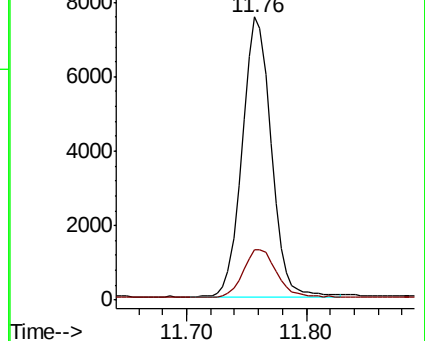
152 100

151 19.4 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.050 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

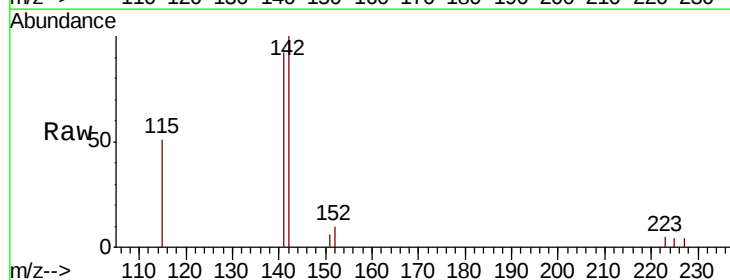
Tgt Ion:142 Resp: 2389

Ion Ratio Lower Upper

142 100

141 92.3 72.8 109.2

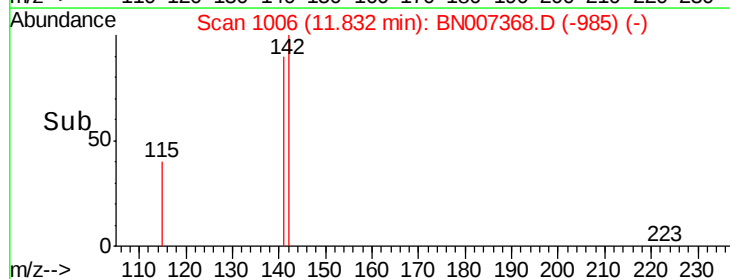
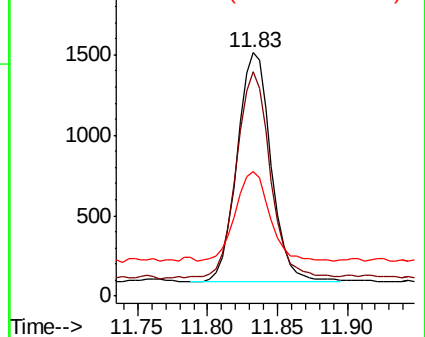
115 51.2 35.2 52.8



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: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

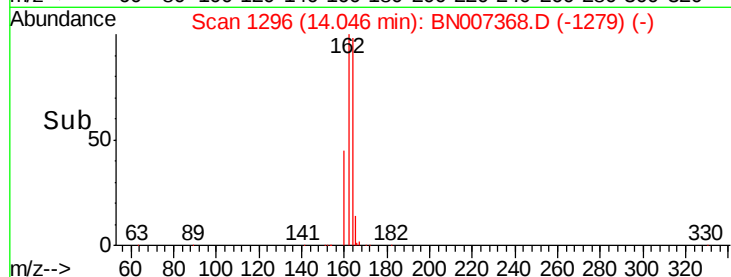
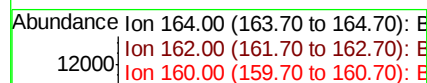
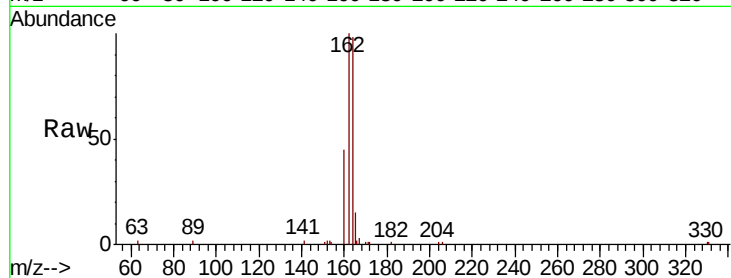
Tgt Ion:164 Resp: 13559

Ion Ratio Lower Upper

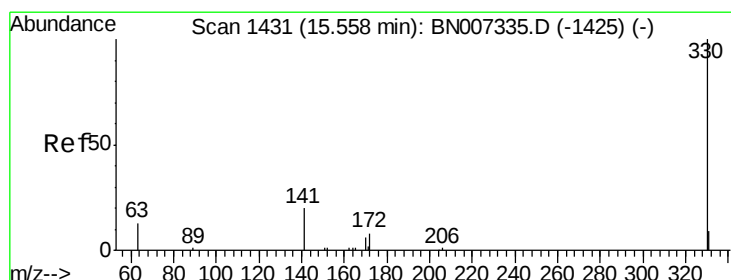
164 100

162 102.3 83.5 125.3

160 46.3 38.2 57.4



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.321 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

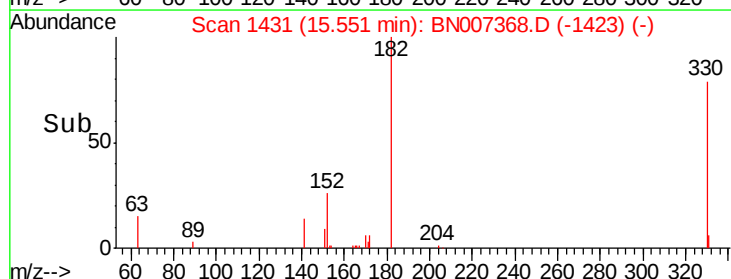
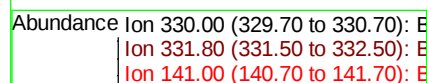
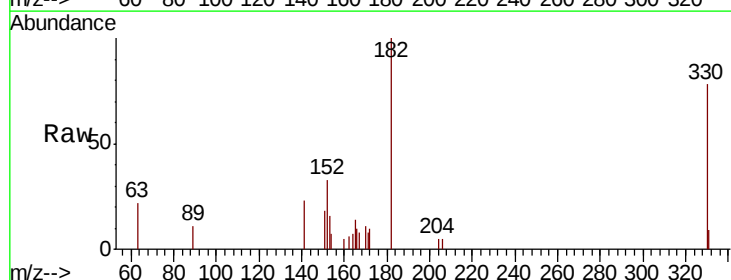
Tgt Ion:330 Resp: 2278

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 33.1 26.9 40.3

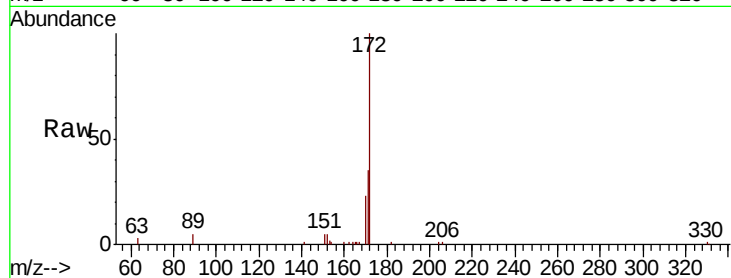




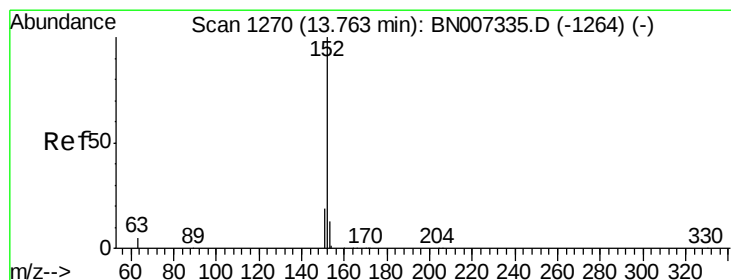
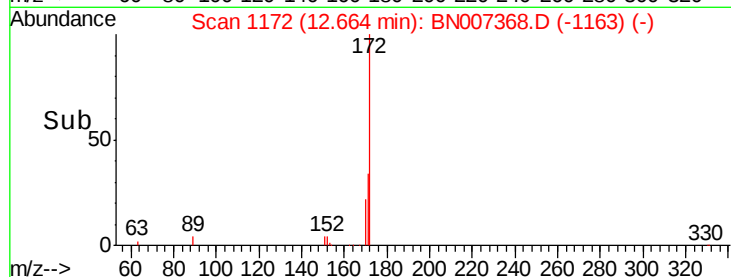
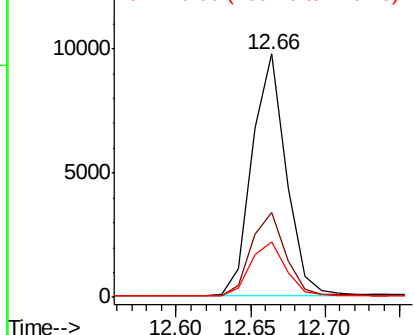
#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

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Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.3	45.5
170	22.6	20.7	31.1

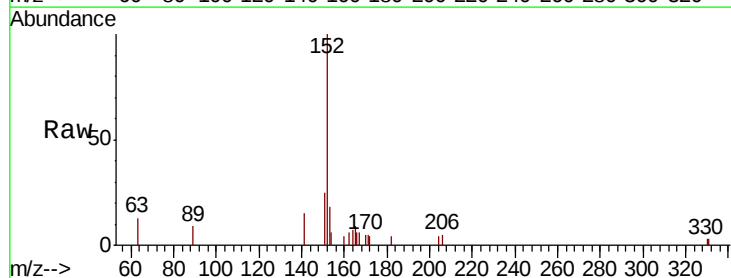


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

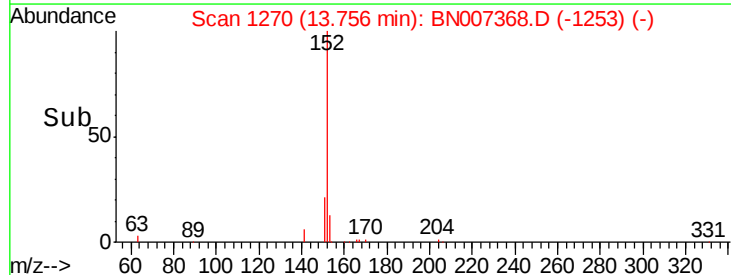
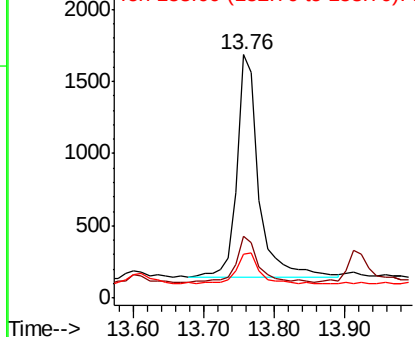


#16
Acenaphthylene
Concen: 0.041 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.1	24.1
153	16.1	10.6	15.8



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: 0.288 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

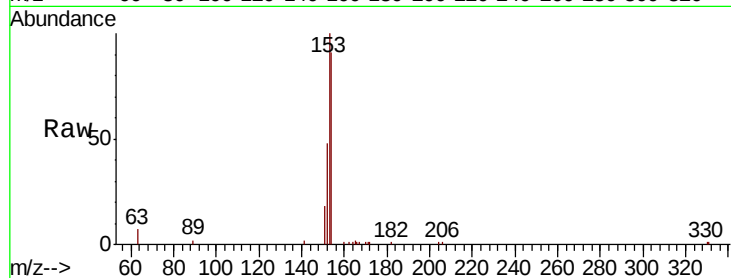
Tgt Ion:154 Resp: 13497

Ion Ratio Lower Upper

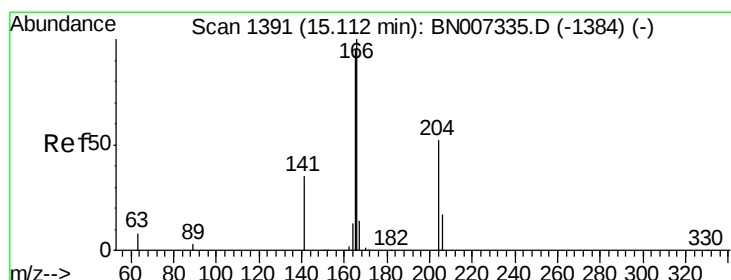
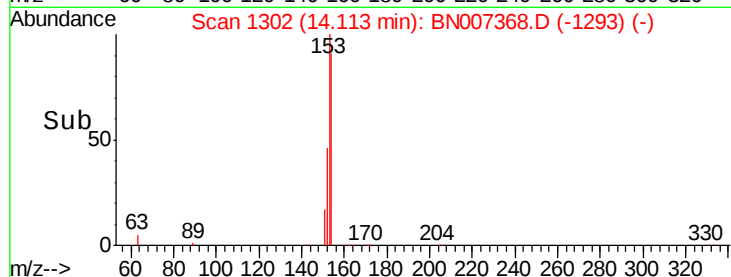
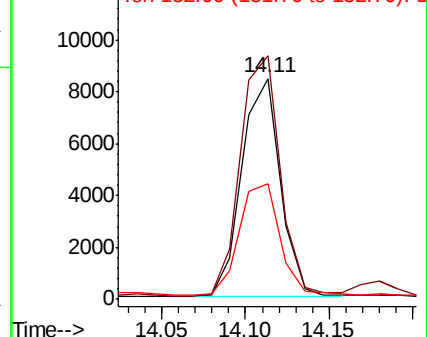
154 100

153 113.4 92.8 139.2

152 55.6 43.8 65.8



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: 0.294 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

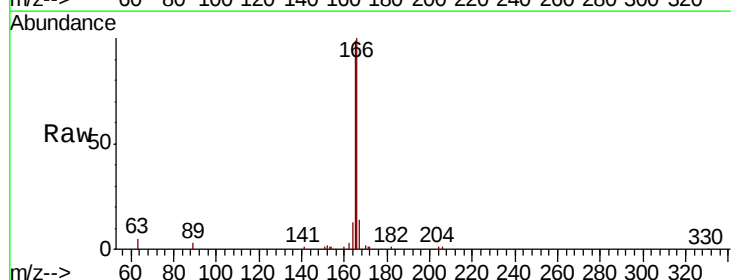
Tgt Ion:166 Resp: 17472

Ion Ratio Lower Upper

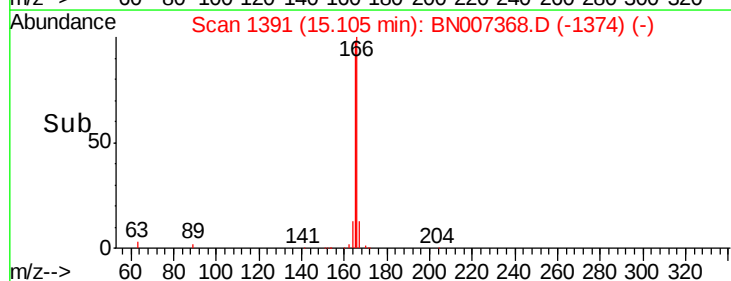
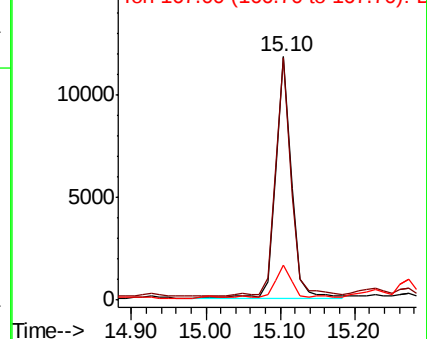
166 100

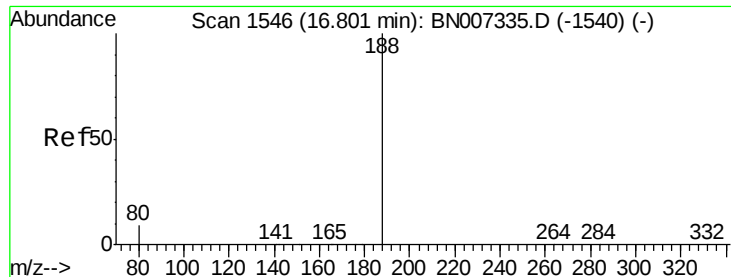
165 99.3 79.0 118.4

167 13.9 10.6 15.8



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: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

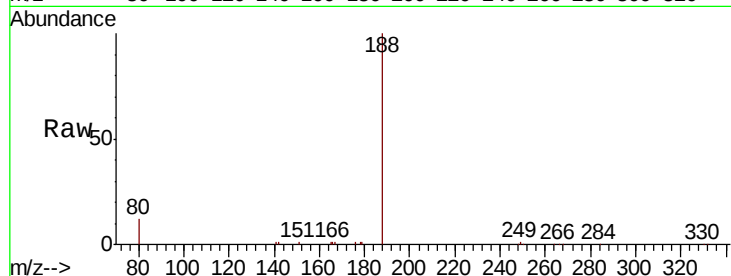
Tgt Ion:188 Resp: 30073

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

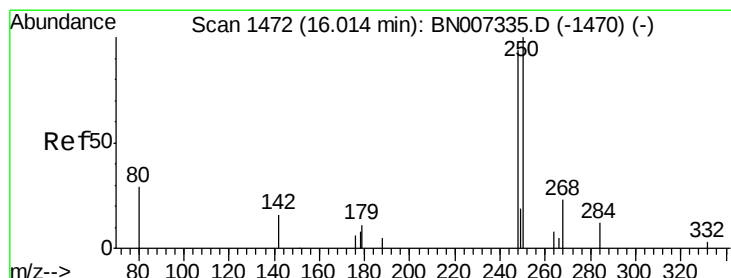
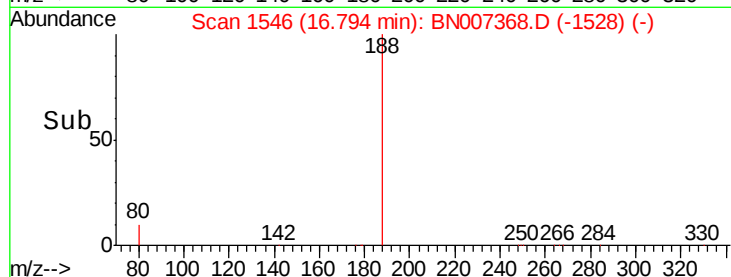
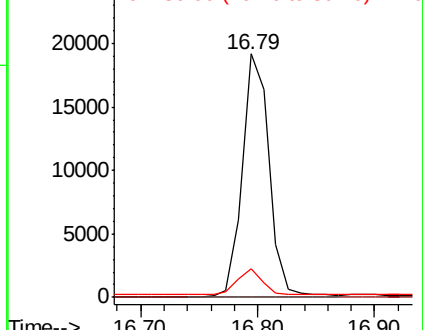
80 11.5 11.8 17.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.028 ng

RT: 16.04 min Scan# 1475

Delta R.T. 0.03 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

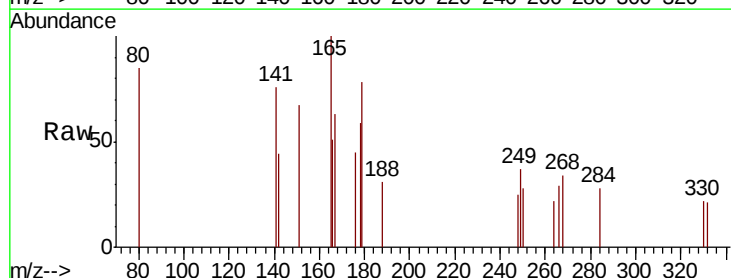
Tgt Ion:248 Resp: 328

Ion Ratio Lower Upper

248 100

250 111.5 85.0 127.6

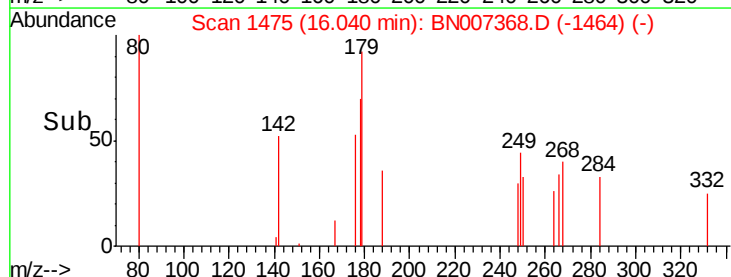
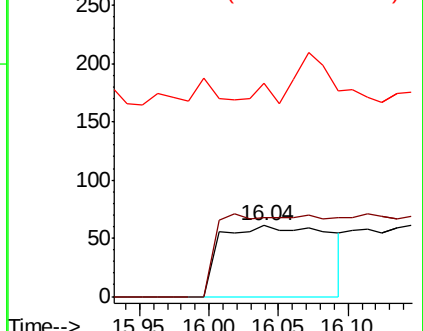
141 300.0 51.7 77.5#

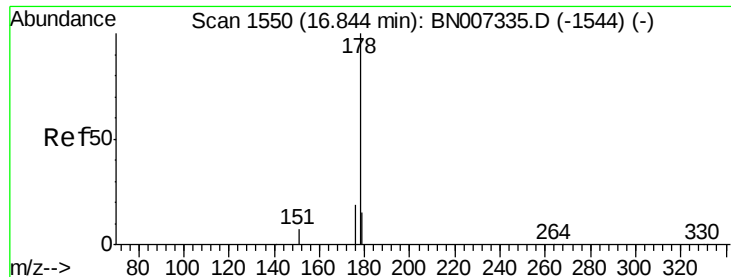


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#23

Phenanthrene

Concen: 2.959 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

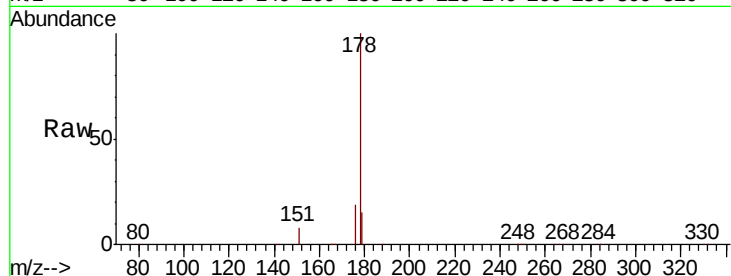
Tgt Ion:178 Resp: 267622

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

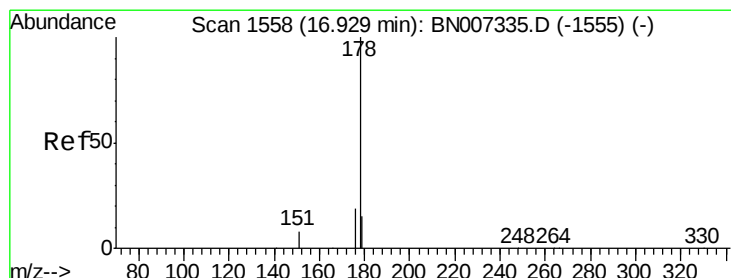
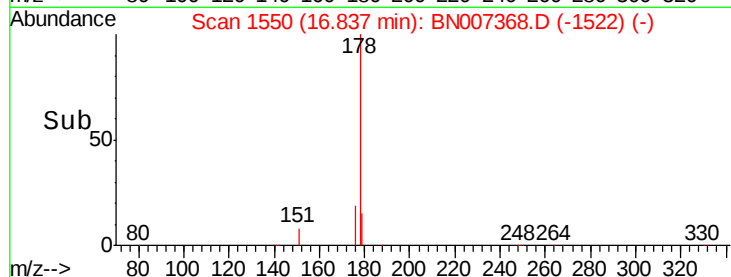
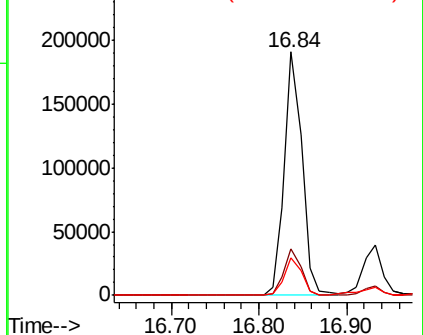
179 15.2 12.6 19.0



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: 0.615 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

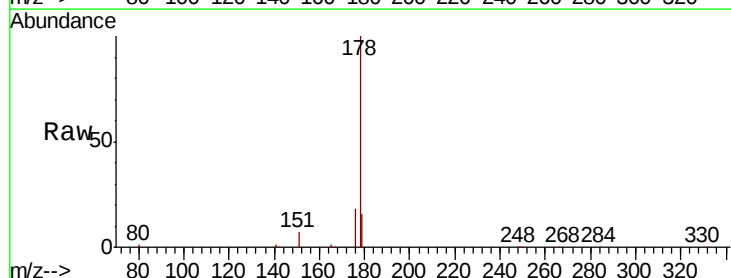
Tgt Ion:178 Resp: 55979

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

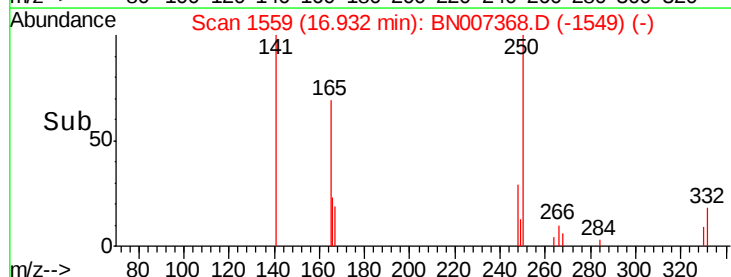
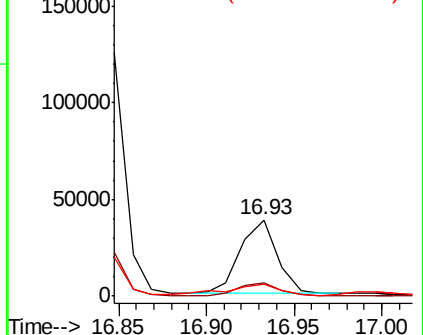
179 20.2 12.4 18.6#

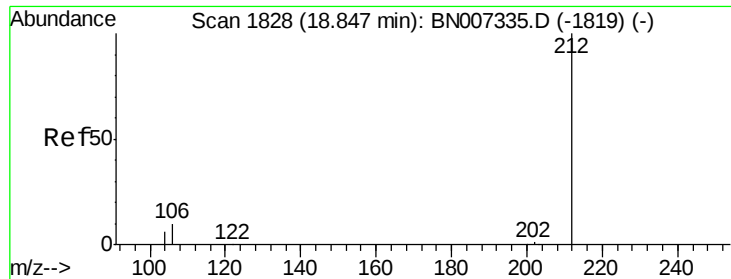


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.260 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

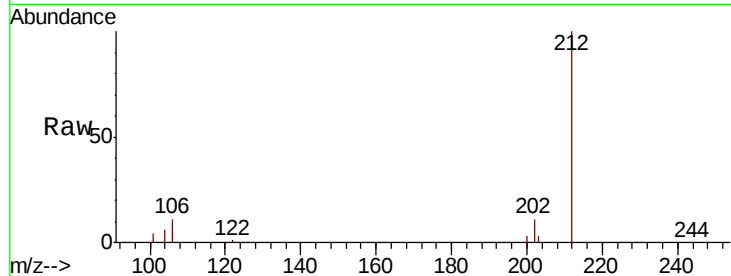
Tgt Ion:212 Resp: 25195

Ion Ratio Lower Upper

212 100

106 11.5 9.0 13.4

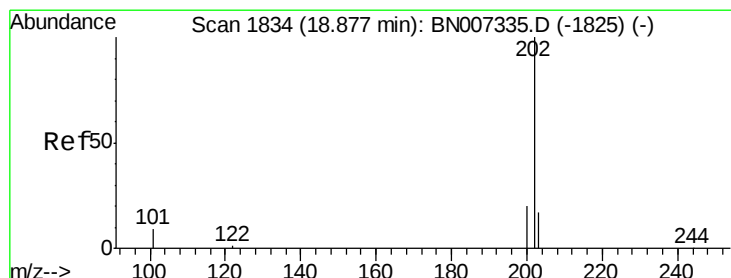
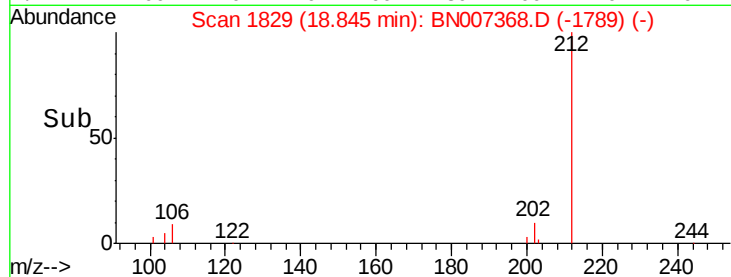
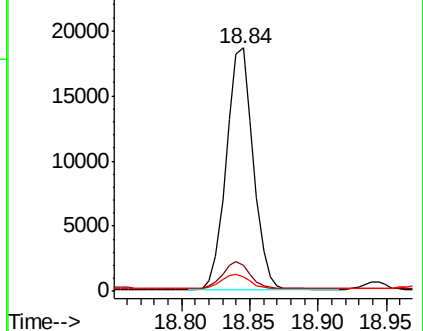
104 6.4 5.4 8.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.637 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

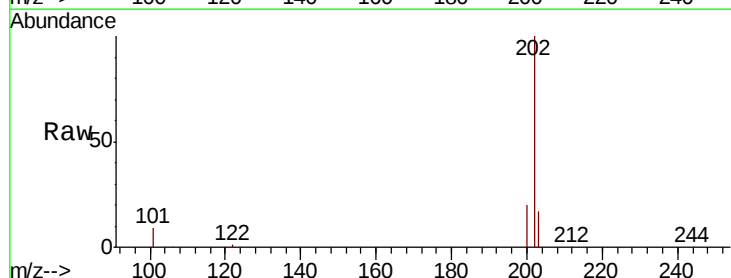
Tgt Ion:202 Resp: 422445

Ion Ratio Lower Upper

202 100

101 9.5 7.7 11.5

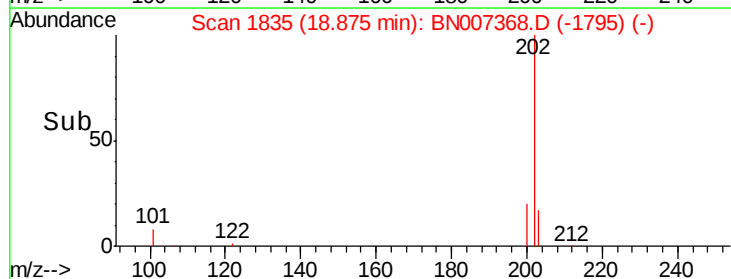
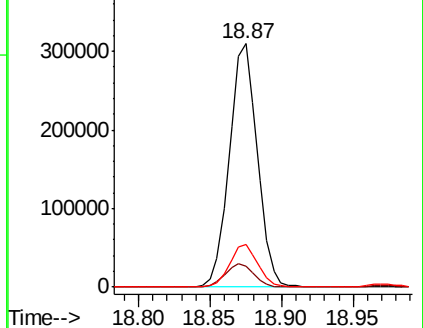
203 17.3 13.7 20.5

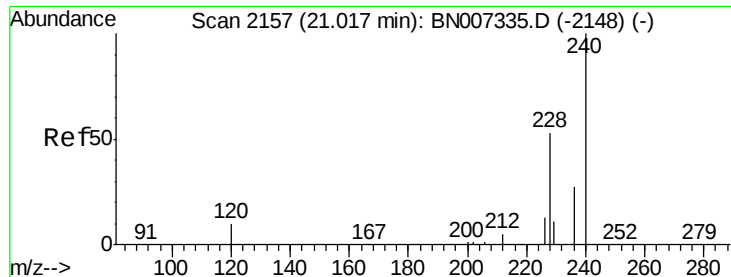


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

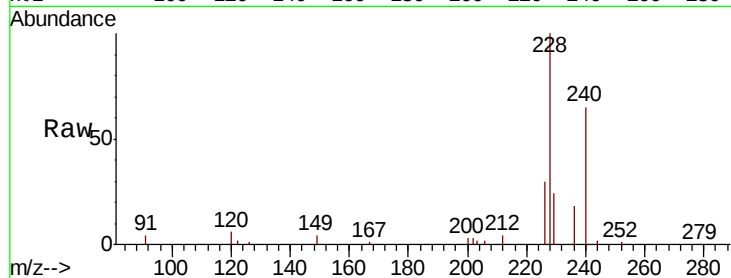
Tgt Ion:240 Resp: 30643

Ion Ratio Lower Upper

240 100

120 9.9 9.6 14.4

236 27.6 22.2 33.2

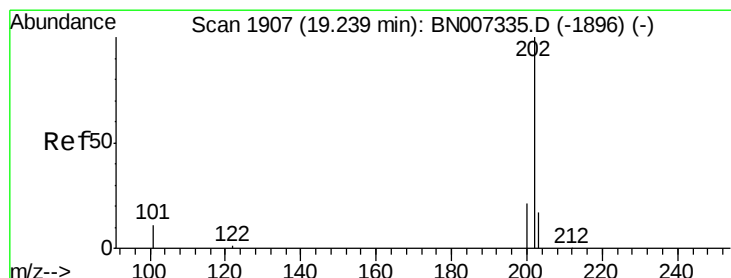
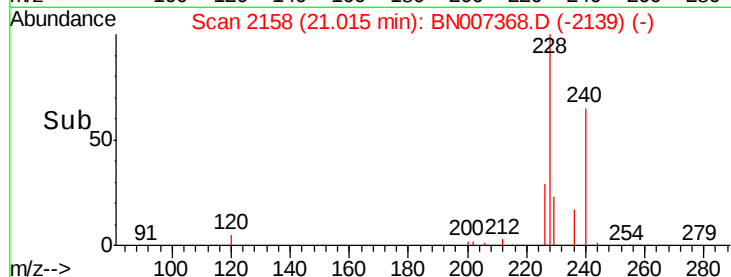
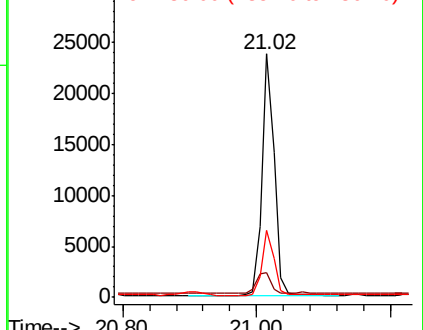


Abundance

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: 2.843 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

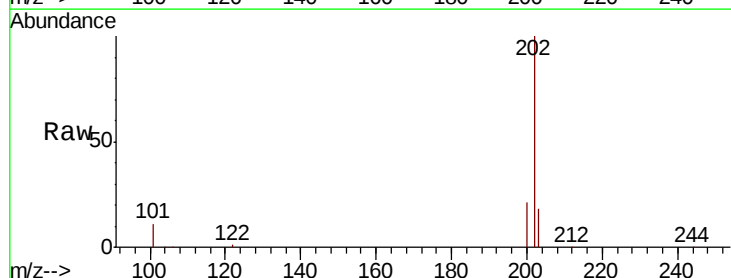
Tgt Ion:202 Resp: 350457

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 23.1 14.2 21.4#

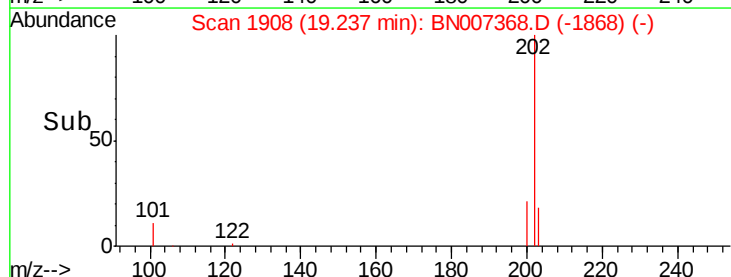
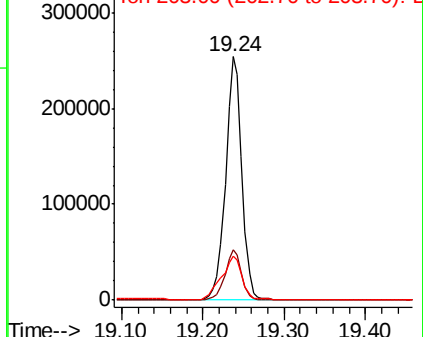


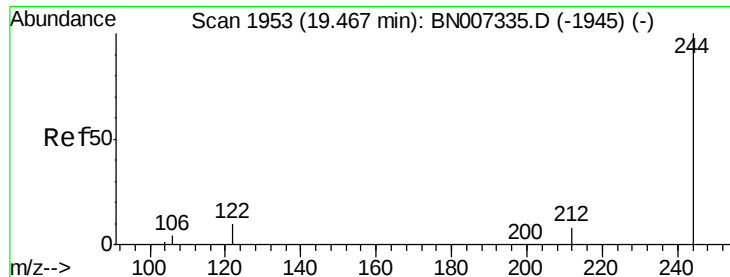
Abundance

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: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

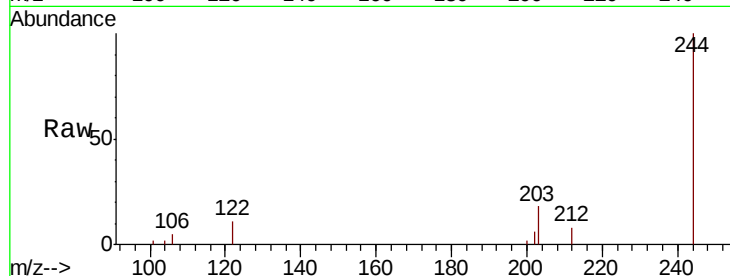
Instrument :

BNA_N

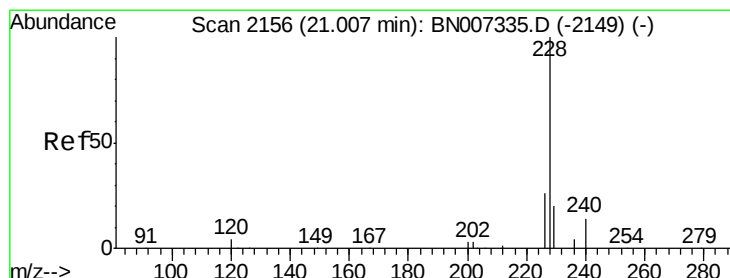
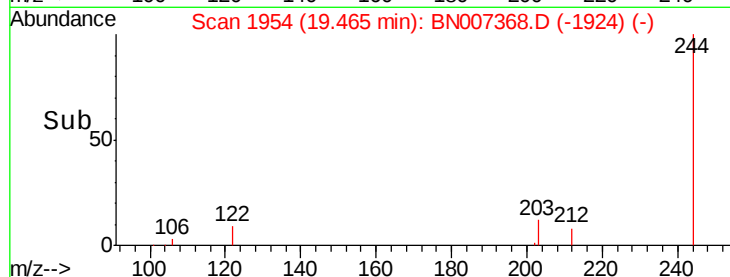
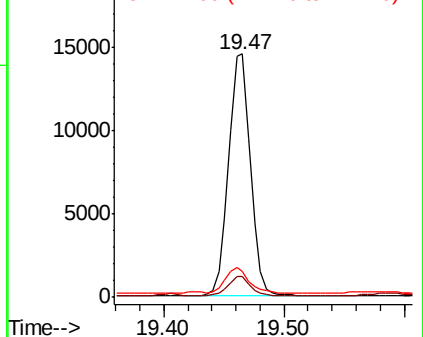
ClientSampleId :

N1-SB2-1.0-1.5-082219

Tgt Ion:	244	Resp:	18366
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	10.6	9.6	14.4



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: 1.618 ng

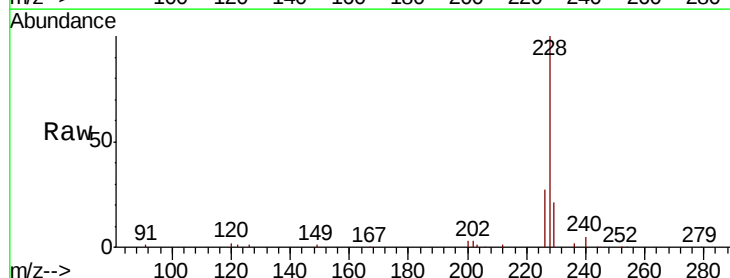
RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

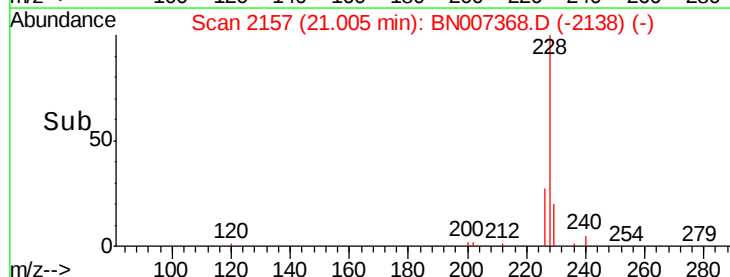
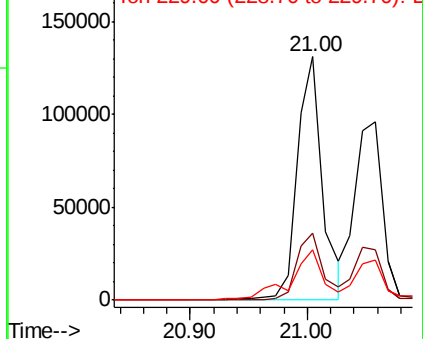
Lab File: BN007368.D

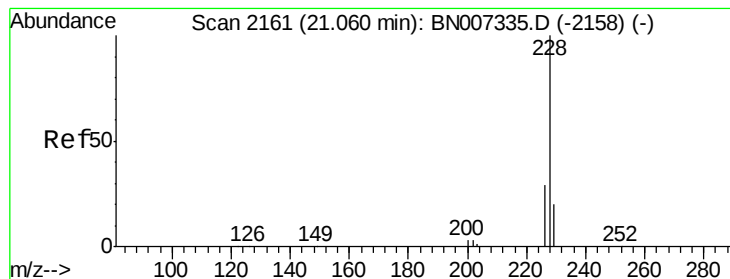
Acq: 24 Aug 2019 17:54

Tgt Ion:	228	Resp:	194737
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	20.7	16.1	24.1



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: 1.330 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

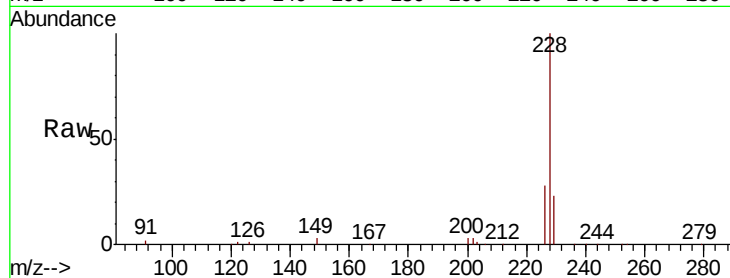
Tgt Ion:228 Resp: 154524

Ion Ratio Lower Upper

228 100

226 28.2 23.5 35.3

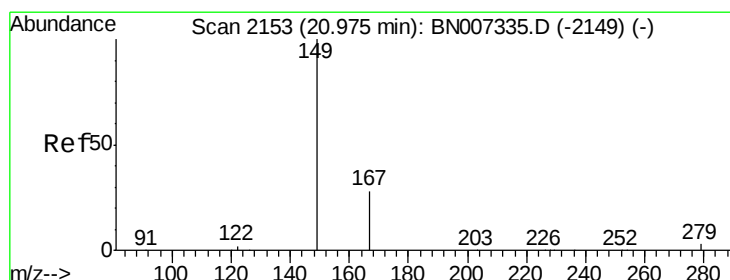
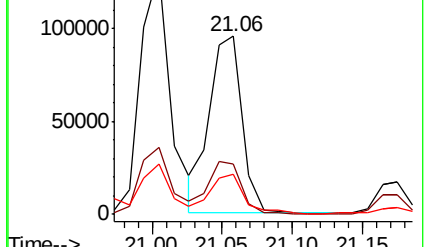
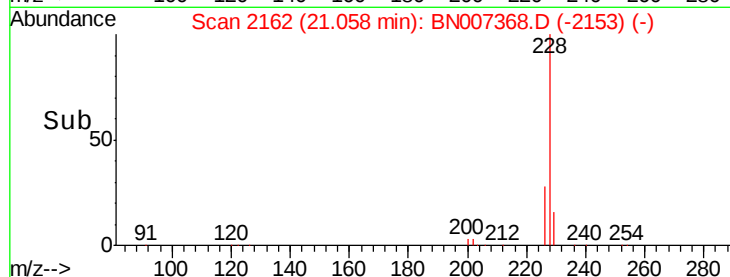
229 22.5 16.6 24.8



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: 0.128 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

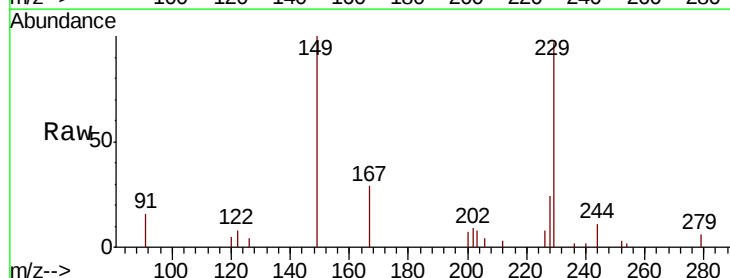
Tgt Ion:149 Resp: 11451

Ion Ratio Lower Upper

149 100

167 24.0 22.8 34.2

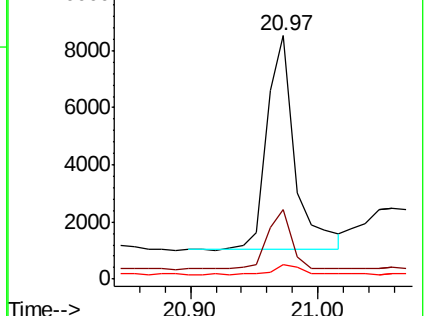
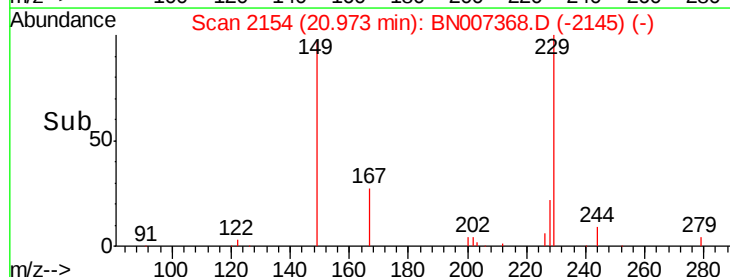
279 4.5 3.5 5.3

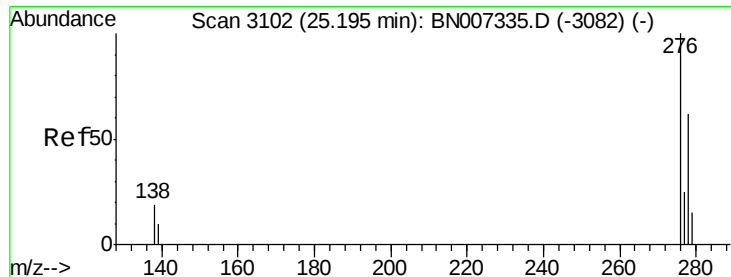


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.785 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

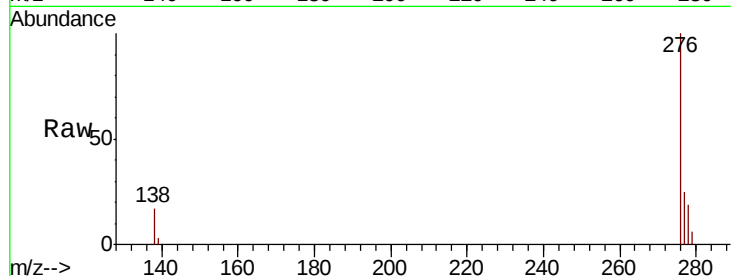
Tgt Ion:276 Resp: 109874

Ion Ratio Lower Upper

276 100

138 16.7 15.1 22.7

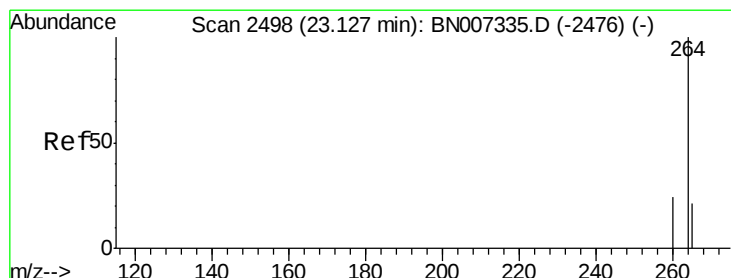
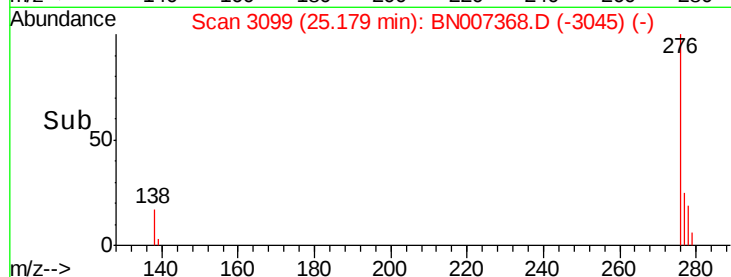
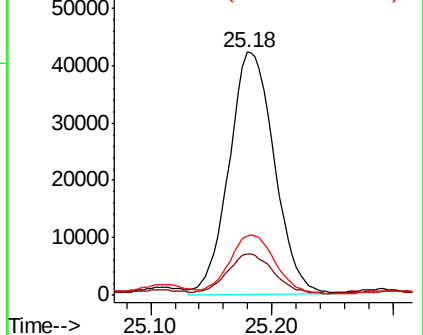
277 24.5 19.7 29.5



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: 23.12 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

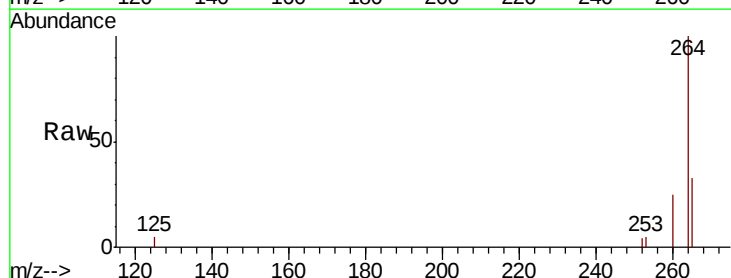
Tgt Ion:264 Resp: 33113

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

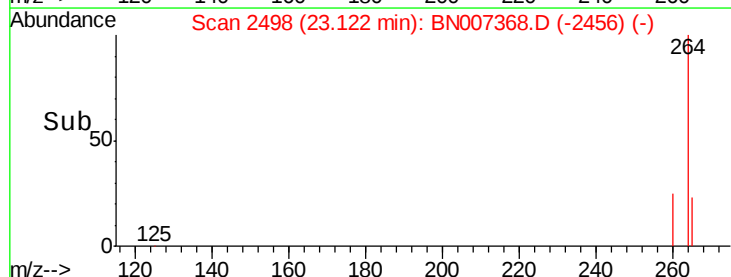
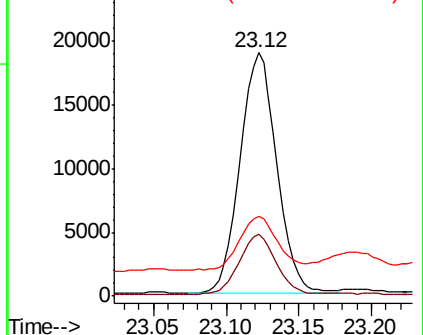
265 32.5 29.9 44.9

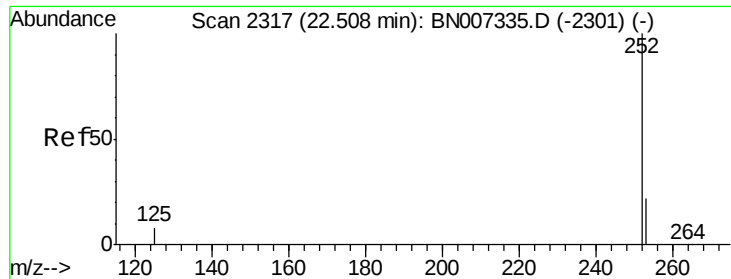


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.222 ng

RT: 22.66 min Scan# 2364

Delta R.T. 0.16 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

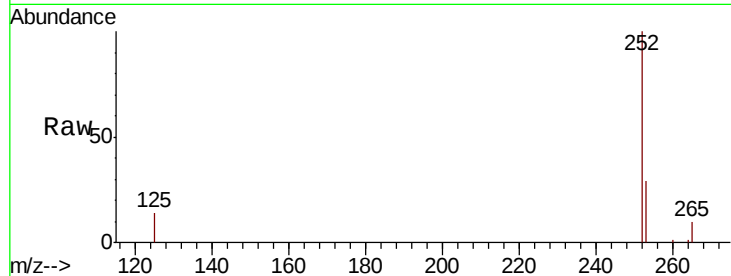
Tgt Ion:252 Resp: 26608

Ion Ratio Lower Upper

252 100

253 28.8 19.2 28.8

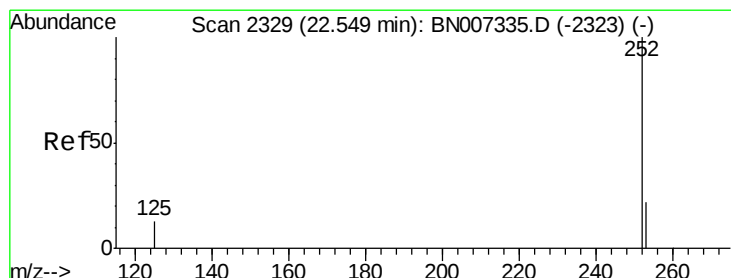
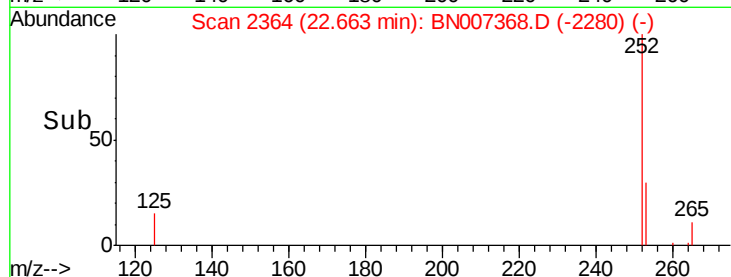
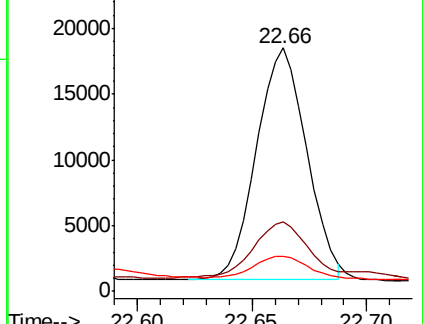
125 14.4 10.6 16.0



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



#36

Benzo(k)fluoranthene

Concen: 0.243 ng

RT: 22.66 min Scan# 2364

Delta R.T. 0.11 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

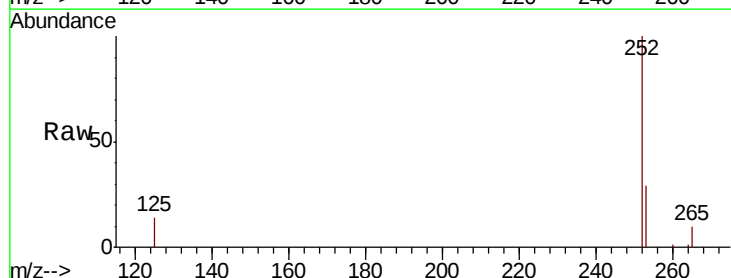
Tgt Ion:252 Resp: 28869

Ion Ratio Lower Upper

252 100

253 28.8 19.4 29.2

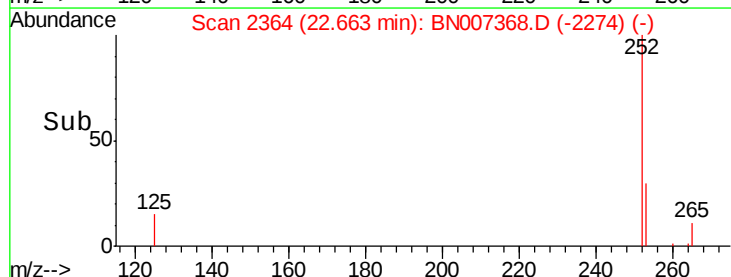
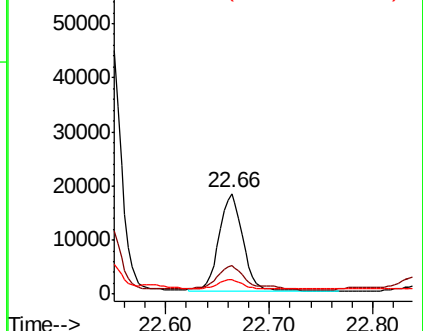
125 14.4 13.1 19.7

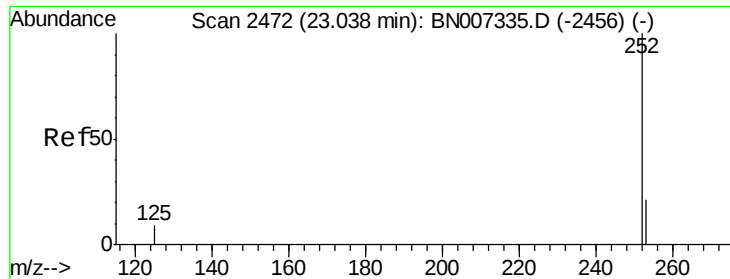


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.941 ng

RT: 22.94 min Scan# 2446

Delta R.T. -0.09 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219

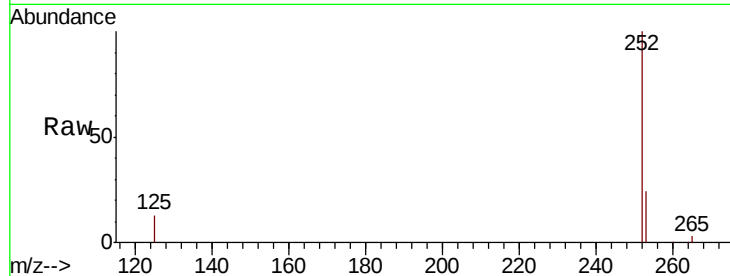
Tgt Ion:252 Resp: 107401

Ion Ratio Lower Upper

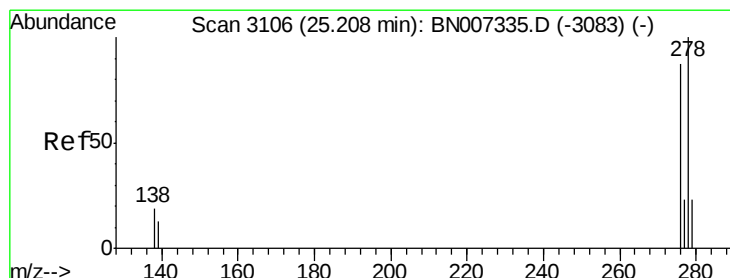
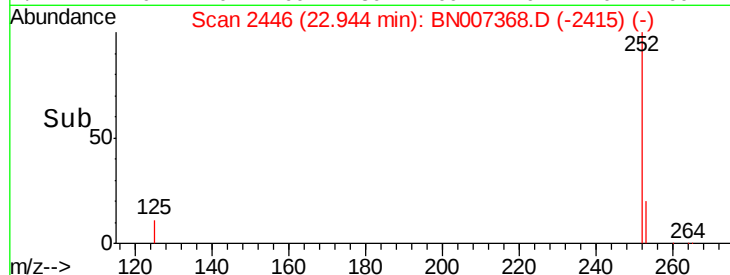
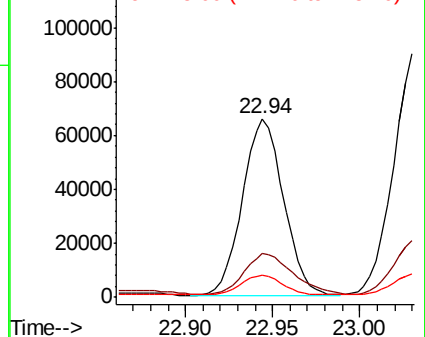
252 100

253 24.3 19.5 29.3

125 12.7 12.1 18.1



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: 0.238 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BN007368.D

Acq: 24 Aug 2019 17:54

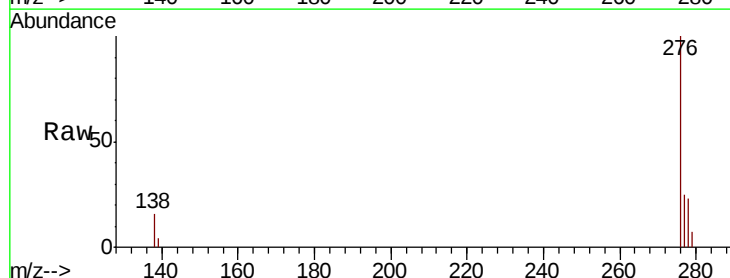
Tgt Ion:278 Resp: 27112

Ion Ratio Lower Upper

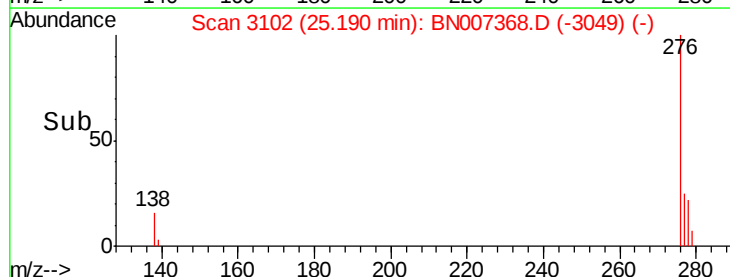
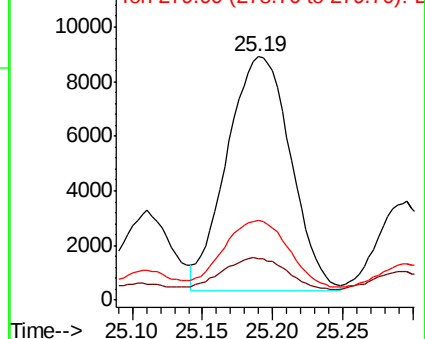
278 100

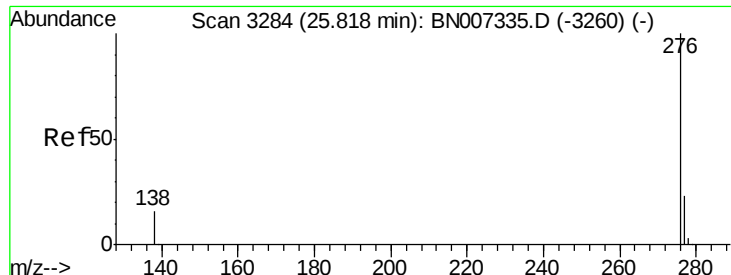
139 17.2 13.7 20.5

279 32.5 20.2 30.4#



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: 0.949 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007368.D

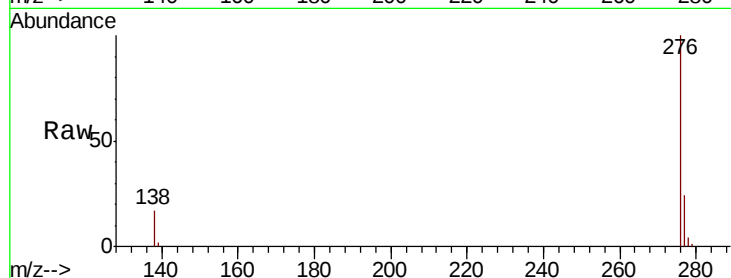
Acq: 24 Aug 2019 17:54

Instrument :

BNA_N

ClientSampleId :

N1-SB2-1.0-1.5-082219



Tgt Ion: 276 Resp: 107739

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 17.4 16.3 24.5

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

