

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
 Data File : BN007367.D
 Acq On : 24 Aug 2019 17:19
 Operator : HP/JU
 Sample : K4409-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S301-J-2.0-2.5-081919

Quant Time: Aug 24 23:41:52 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	5941	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	25494	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	14045	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	31724	0.40	ng	0.00
27) Chrysene-d12	21.02	240	31005	0.40	ng	0.00
34) Perylene-d12	23.13	264	34735	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.04	112	6299	0.30	ng	0.00
5) Phenol-d6	6.59	99	8336	0.31	ng	0.00
8) Nitrobenzene-d5	8.53	82	6266	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	12489	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2386	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	15543	0.27	ng	0.00
25) Fluoranthene-d10	18.84	212	25462	0.25	ng	0.00
29) Terphenyl-d14	19.47	244	18973	0.23	ng	0.00

Target Compounds

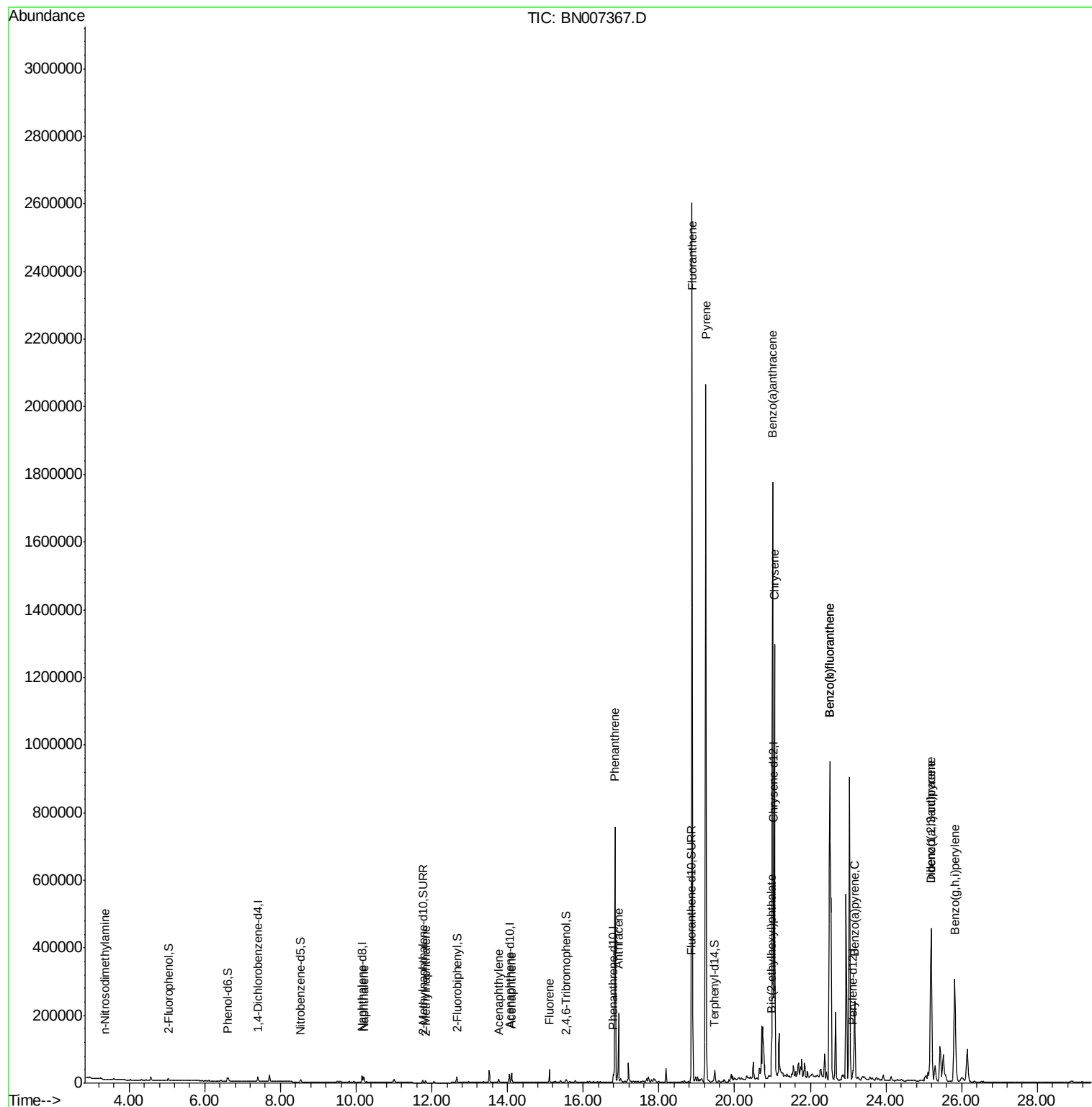
						Qvalue
3) n-Nitrosodimethylamine	3.37	42	102	0.022	ng	# 1
9) Naphthalene	10.20	128	21204	0.291	ng	# 91
12) 2-Methylnaphthalene	11.83	142	4583	0.092	ng	99
16) Acenaphthylene	13.77	152	13786	0.166	ng	98
17) Acenaphthene	14.11	154	14797	0.304	ng	98
18) Fluorene	15.10	166	23089	0.375	ng	99
23) Phenanthrene	16.84	178	783835	8.214	ng	99
24) Anthracene	16.93	178	209400	2.182	ng	97
26) Fluoranthene	18.87	202	2371407	19.355	ng	99
28) Pyrene	19.24	202	1972395	15.814	ng	# 95
30) Benzo(a)anthracene	21.00	228	1477559	12.135	ng	99
31) Chrysene	21.06	228	1181623	10.054	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	21268	0.251	ng	# 89
33) Indeno(1,2,3-cd)pyrene	25.19	276	690945	4.880	ng	98
35) Benzo(b)fluoranthene	22.51	252	1541216	12.246	ng	# 94
36) Benzo(k)fluoranthene	22.51	252	1541216	12.391	ng	# 90
37) Benzo(a)pyrene	23.17	252	300374	2.508	ng	96
38) Dibenzo(a,h)anthracene	25.19	278	186135	1.558	ng	97
39) Benzo(g,h,i)perylene	25.81	276	617234	5.184	ng	96

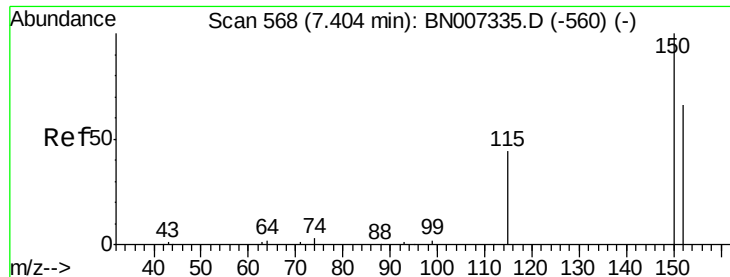
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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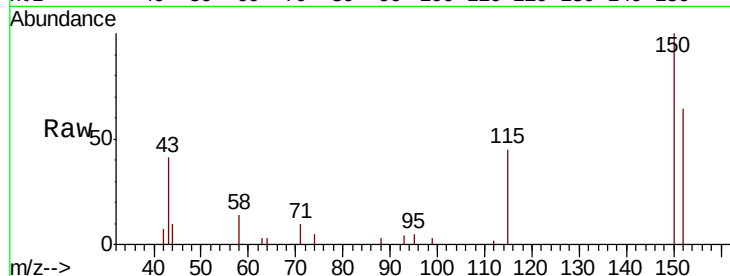


#1

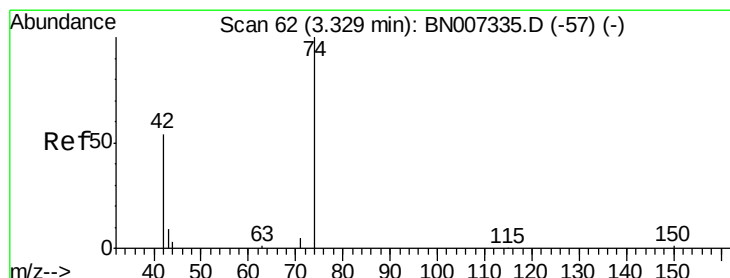
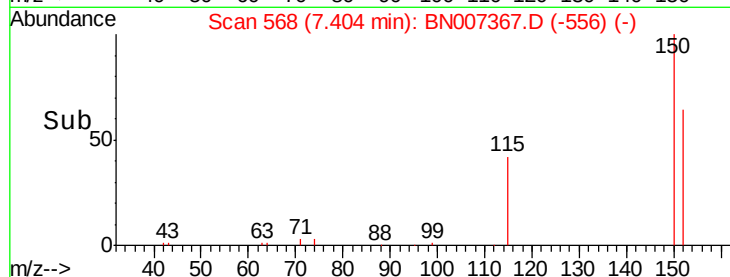
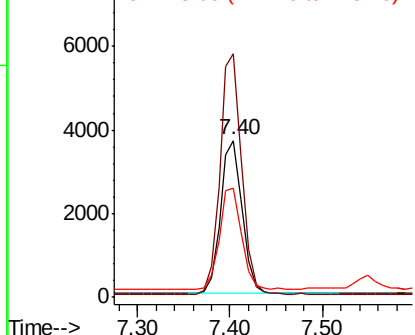
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007367.D
Acq: 24 Aug 2019 17:19

Instrument :
BNA_N
ClientSampleId :
S301-J-2.0-2.5-081919

Tgt Ion: 152 Resp: 5941
Ion Ratio Lower Upper
152 100
150 155.4 109.1 163.7
115 69.9 59.6 89.4



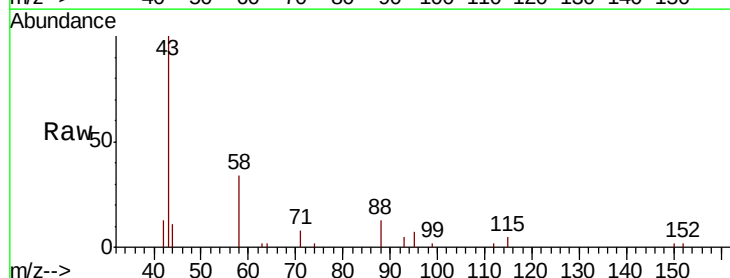
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



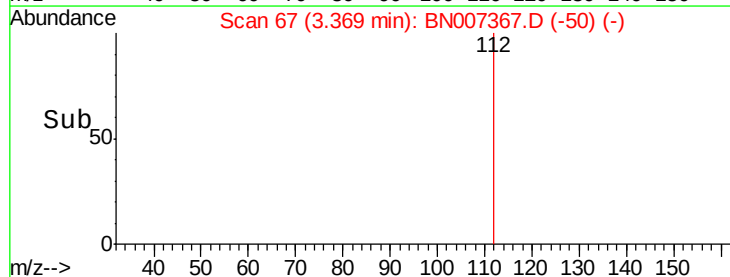
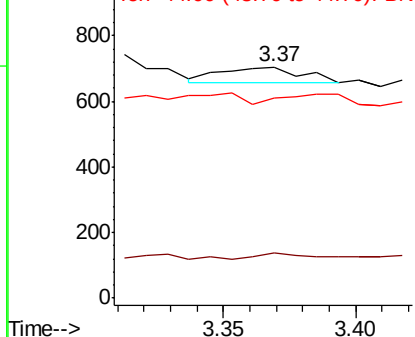
#3

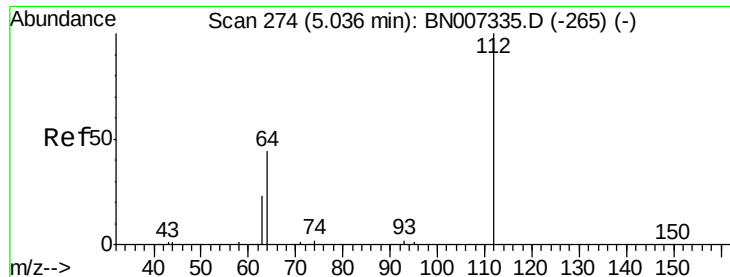
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.37 min Scan# 67
Delta R.T. 0.04 min
Lab File: BN007367.D
Acq: 24 Aug 2019 17:19

Tgt Ion: 42 Resp: 102
Ion Ratio Lower Upper
42 100
74 22.5 144.7 217.1#
44 45.1 3.2 4.8#



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: 0.298 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

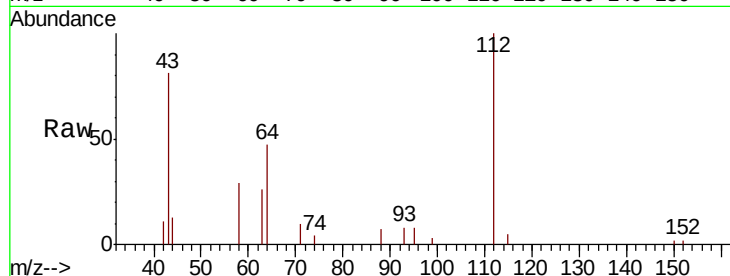
Tgt Ion: 112 Resp: 6299

Ion Ratio Lower Upper

112 100

64 52.7 42.3 63.5

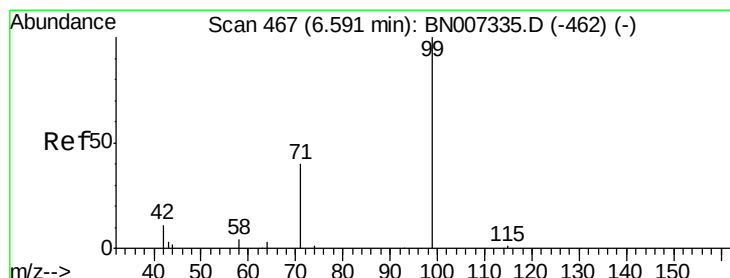
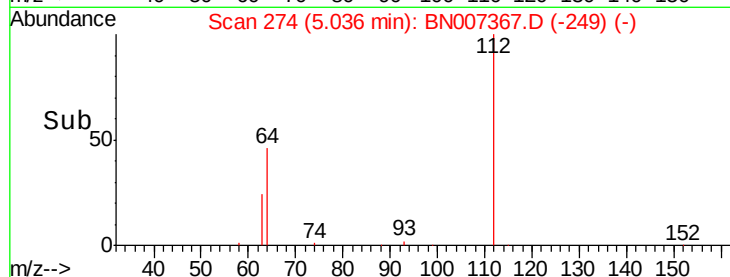
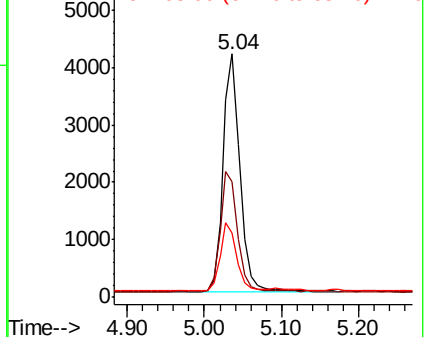
63 27.9 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.311 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

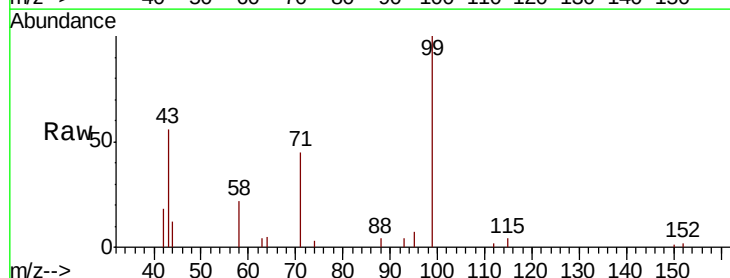
Tgt Ion: 99 Resp: 8336

Ion Ratio Lower Upper

99 100

42 16.4 11.2 16.8

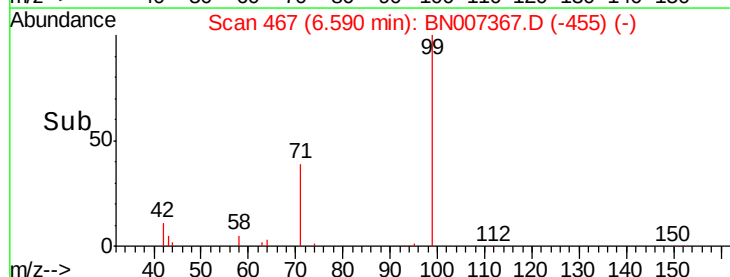
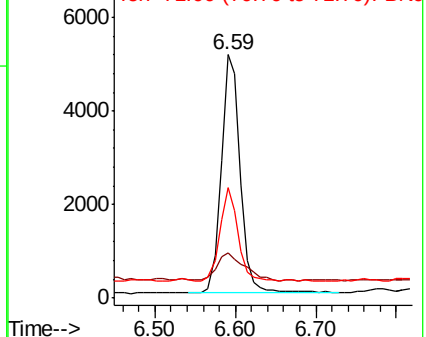
71 37.2 31.8 47.8

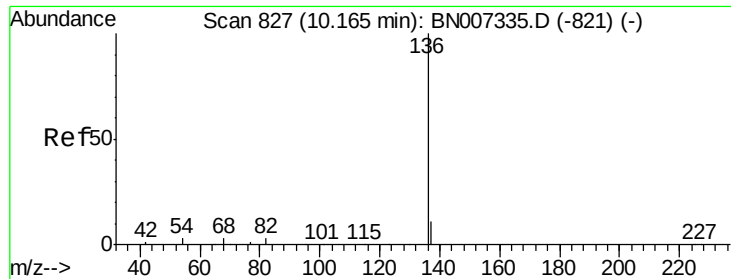


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

Tgt Ion:136 Resp: 25494

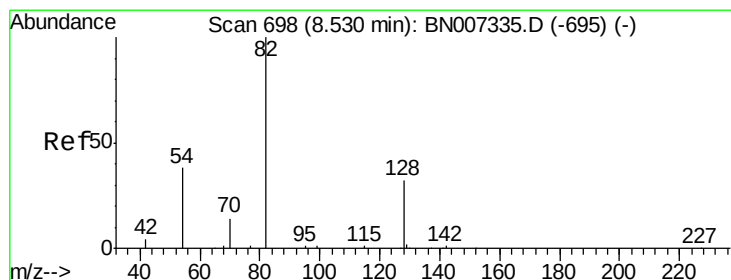
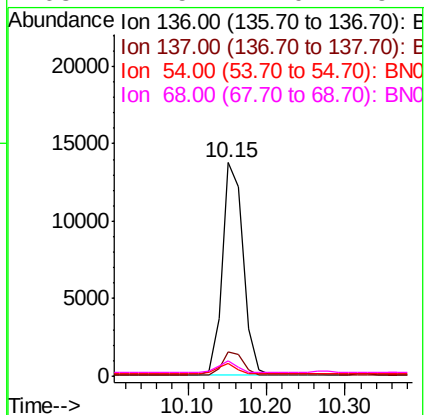
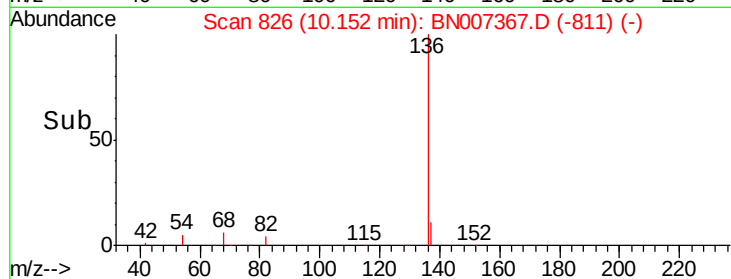
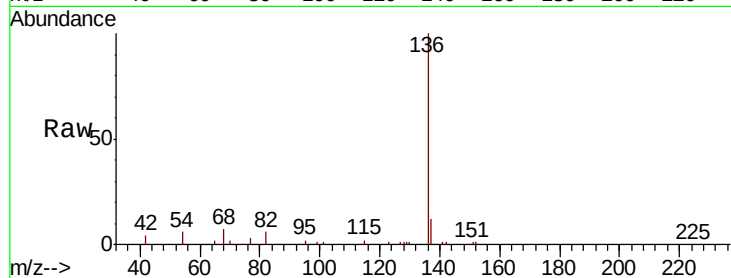
Ion Ratio Lower Upper

136 100

137 11.5 12.9 19.3#

54 6.0 8.6 12.8#

68 7.5 17.0 25.4#



#8

Nitrobenzene-d5

Concen: 0.282 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

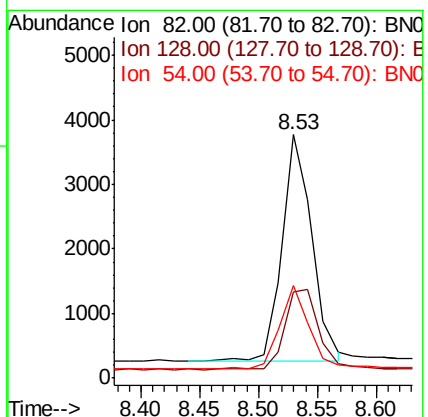
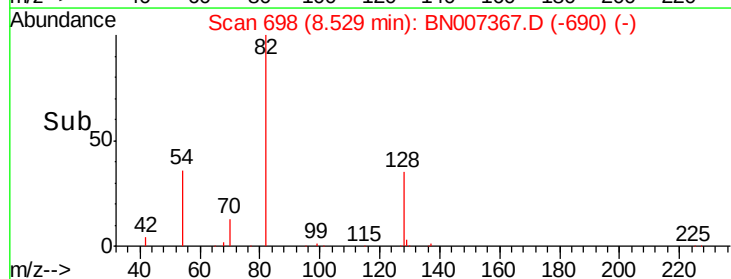
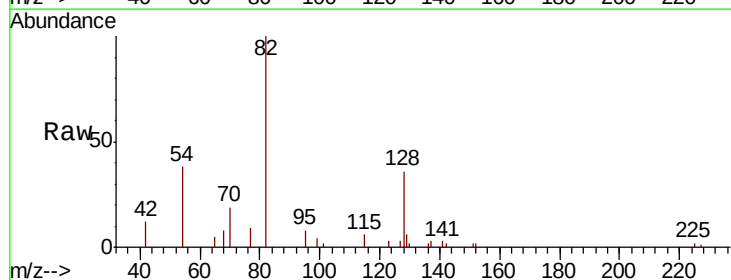
Tgt Ion: 82 Resp: 6266

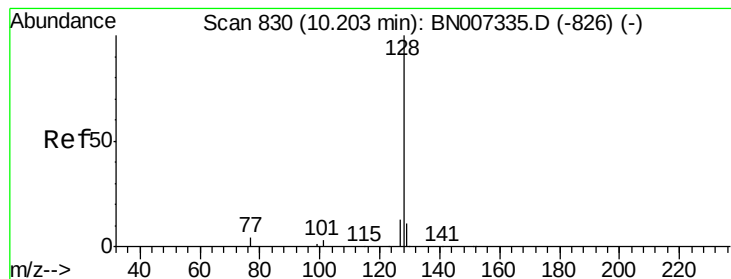
Ion Ratio Lower Upper

82 100

128 35.6 19.7 29.5#

54 38.0 25.8 38.6





#9

Naphthalene

Concen: 0.291 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

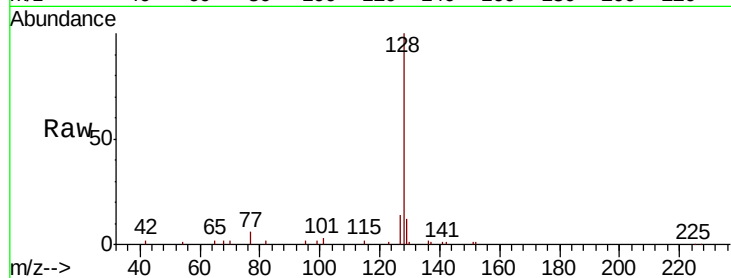
Tgt Ion:128 Resp: 21204

Ion Ratio Lower Upper

128 100

129 11.8 11.1 16.7

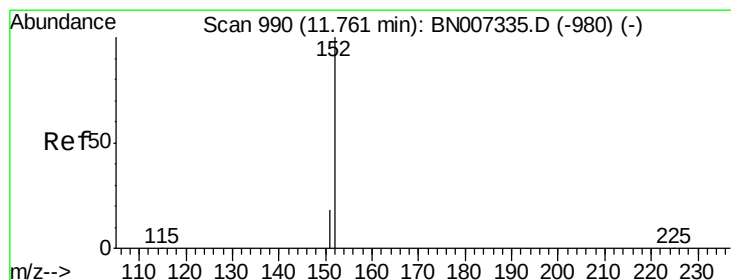
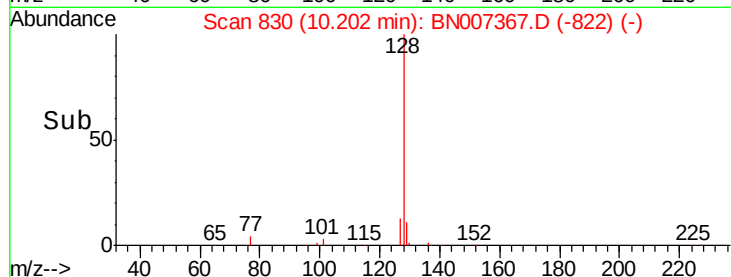
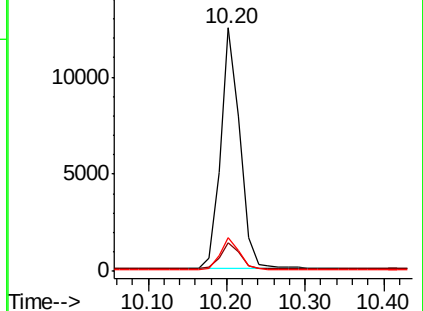
127 13.9 15.5 23.3#



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: 0.295 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007367.D

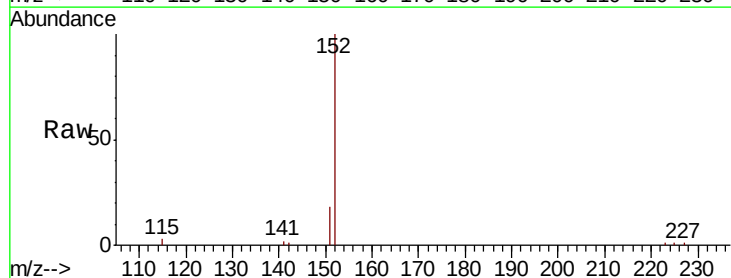
Acq: 24 Aug 2019 17:19

Tgt Ion:152 Resp: 12489

Ion Ratio Lower Upper

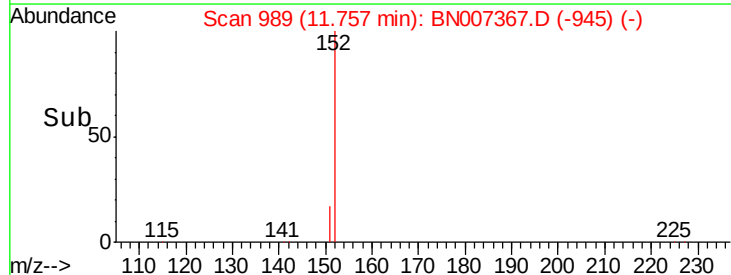
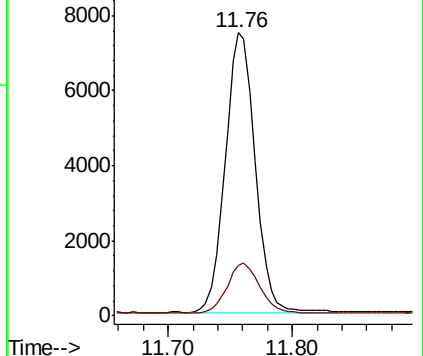
152 100

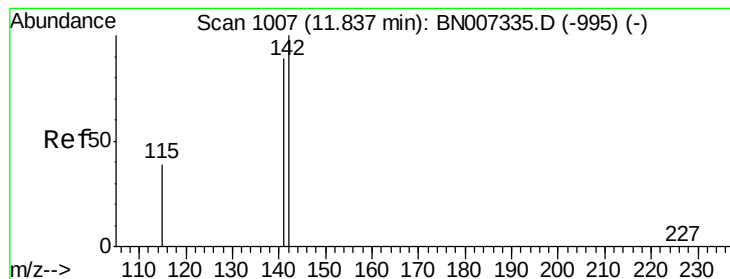
151 19.4 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.092 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007367.D

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Instrument :

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ClientSampleId :

S301-J-2.0-2.5-081919

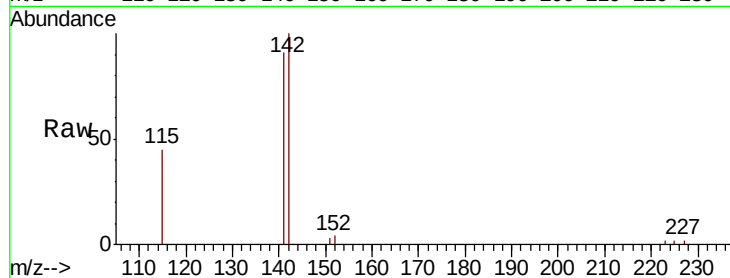
Tgt Ion:142 Resp: 4583

Ion Ratio Lower Upper

142 100

141 90.6 72.8 109.2

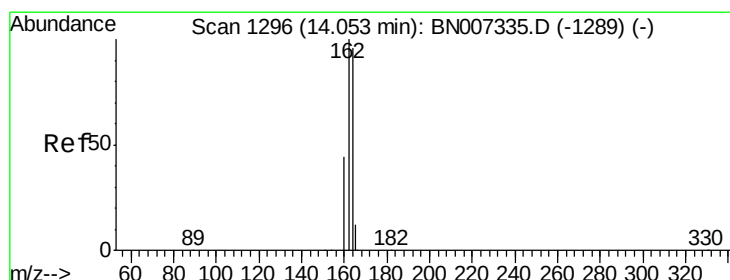
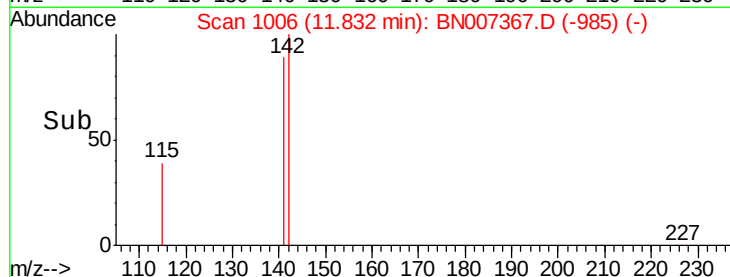
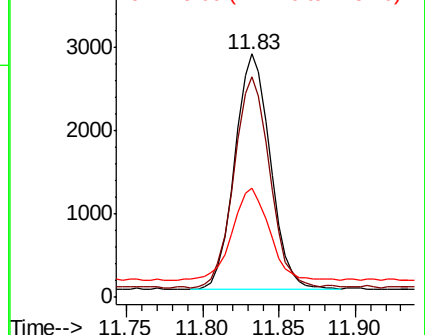
115 45.1 35.2 52.8



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: BN007367.D

Acq: 24 Aug 2019 17:19

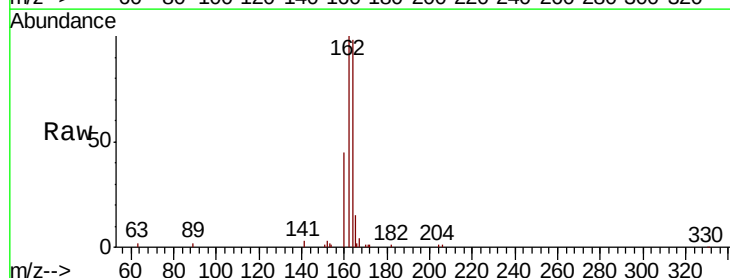
Tgt Ion:164 Resp: 14045

Ion Ratio Lower Upper

164 100

162 101.9 83.5 125.3

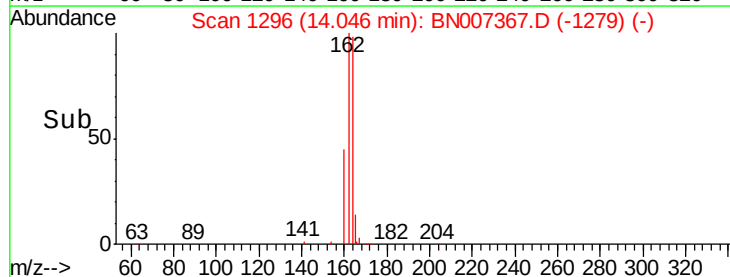
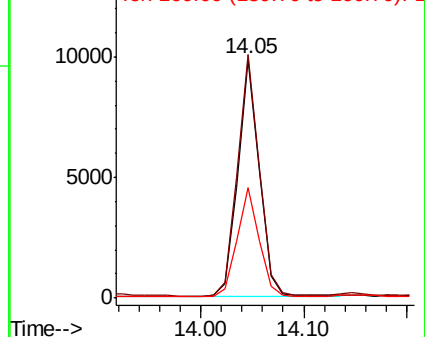
160 46.3 38.2 57.4

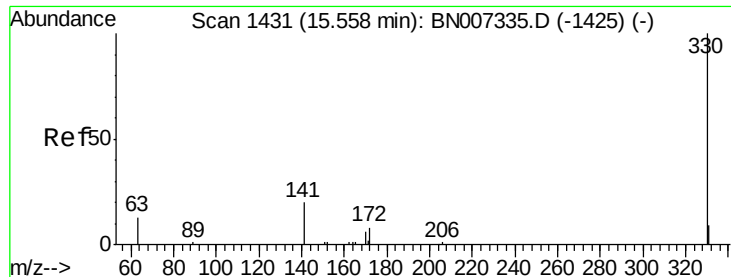


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

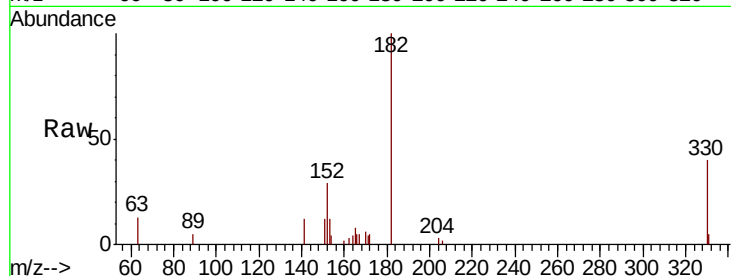




#14
 2,4,6-Tribromophenol
 Concen: 0.325 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BN007367.D
 Acq: 24 Aug 2019 17:19

Instrument :
 BNA_N
 ClientSampleId :
 S301-J-2.0-2.5-081919

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.9	26.9	40.3

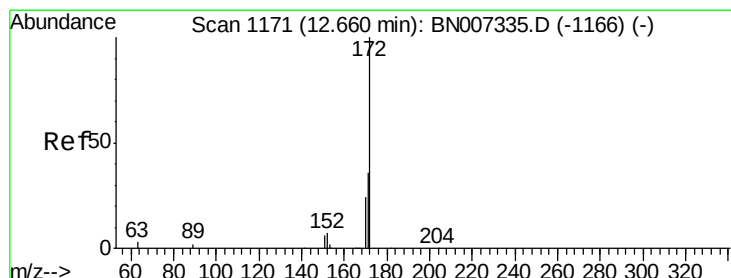
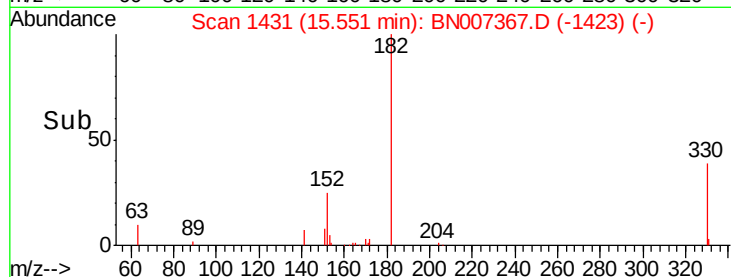
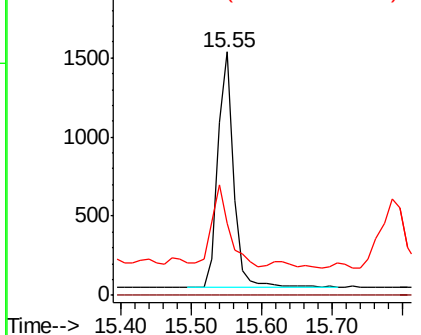


Abundance

Ion 330.00 (329.70 to 330.70): E

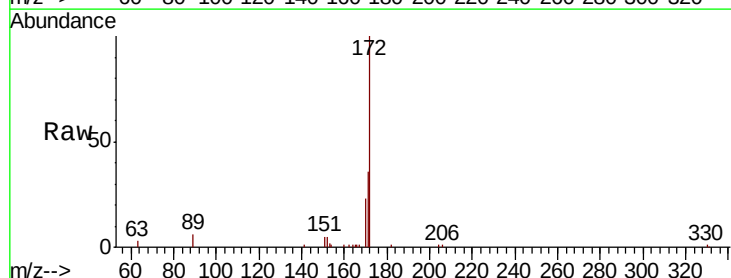
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15
 2-Fluorobiphenyl
 Concen: 0.274 ng
 RT: 12.66 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BN007367.D
 Acq: 24 Aug 2019 17:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.3	45.5
170	22.9	20.7	31.1

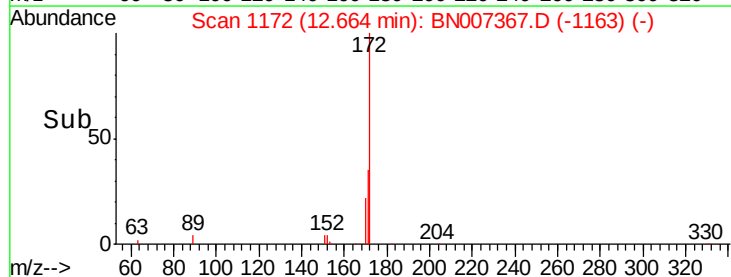
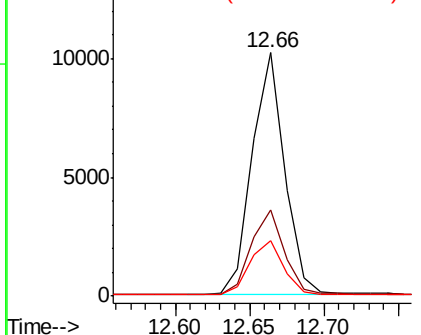


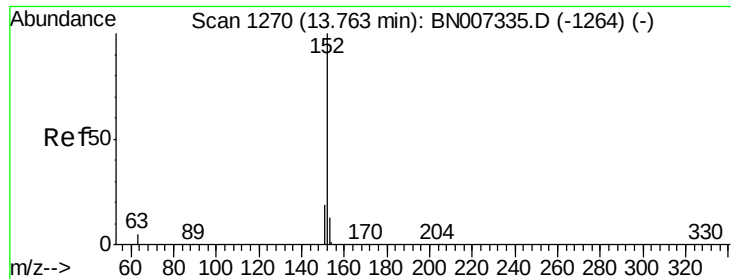
Abundance

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: 0.166 ng

RT: 13.77 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BN007367.D

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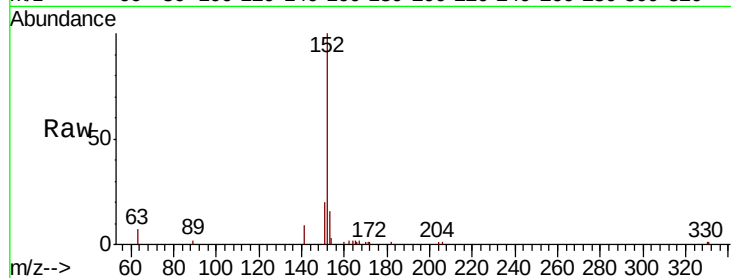
Tgt Ion:152 Resp: 13786

Ion Ratio Lower Upper

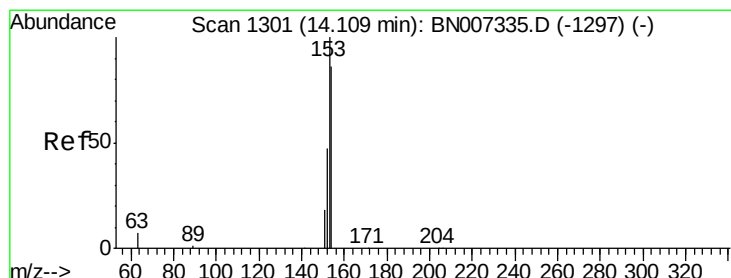
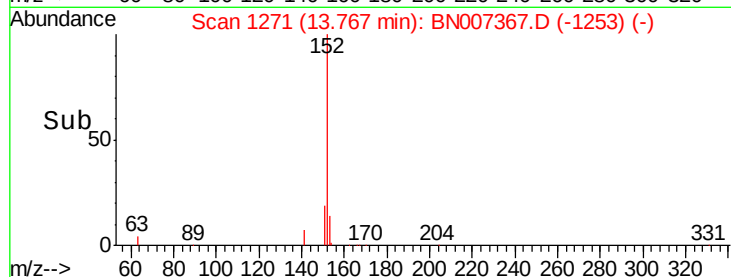
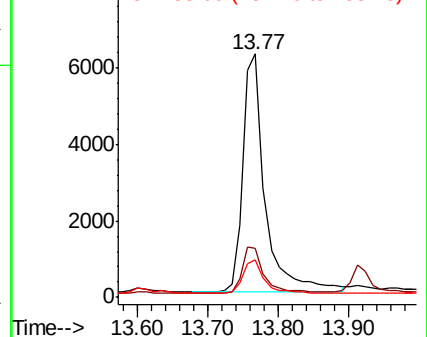
152 100

151 19.6 16.1 24.1

153 14.1 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: 0.304 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

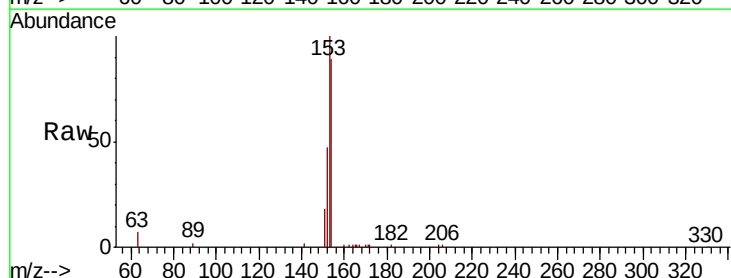
Tgt Ion:154 Resp: 14797

Ion Ratio Lower Upper

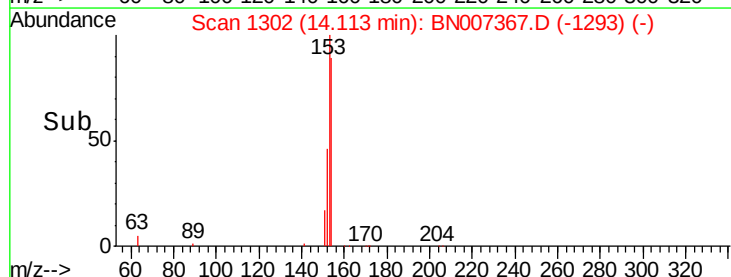
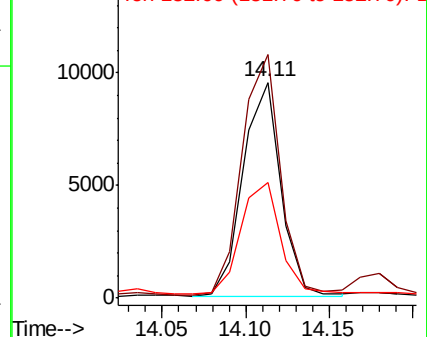
154 100

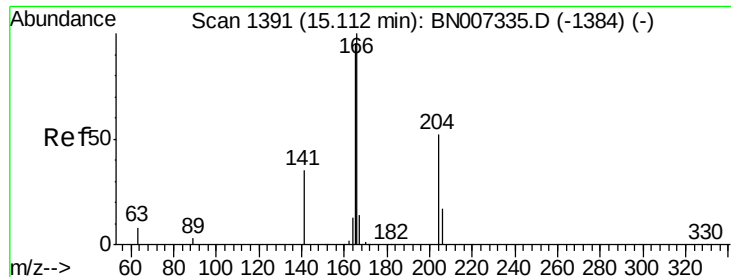
153 114.6 92.8 139.2

152 56.8 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: 0.375 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

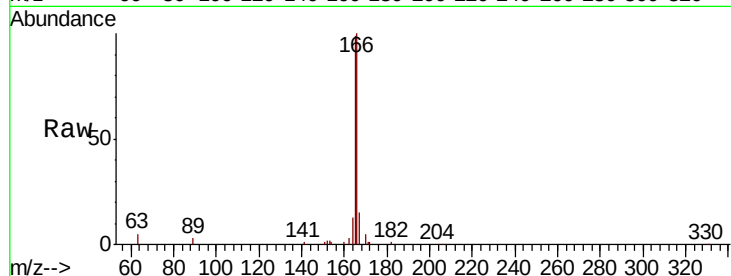
Tgt Ion:166 Resp: 23089

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.4

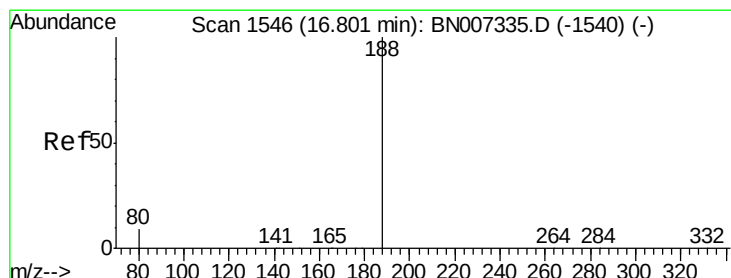
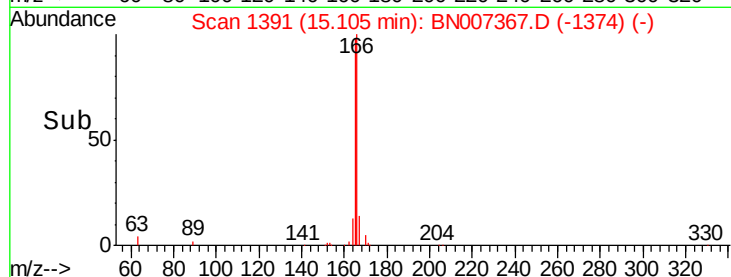
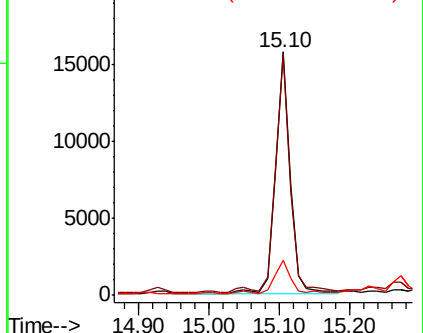
167 14.6 10.6 15.8



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: BN007367.D

Acq: 24 Aug 2019 17:19

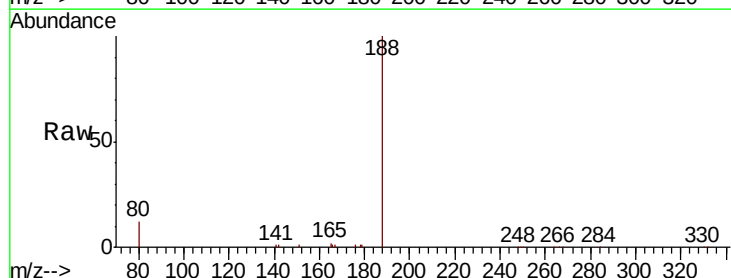
Tgt Ion:188 Resp: 31724

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

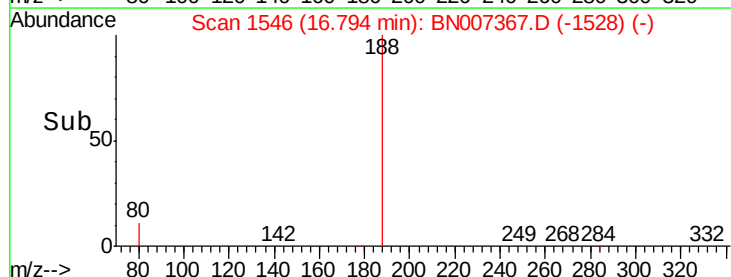
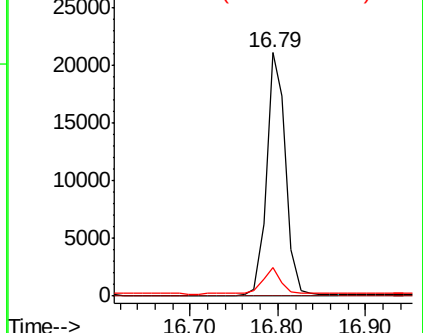
80 11.8 11.8 17.8#

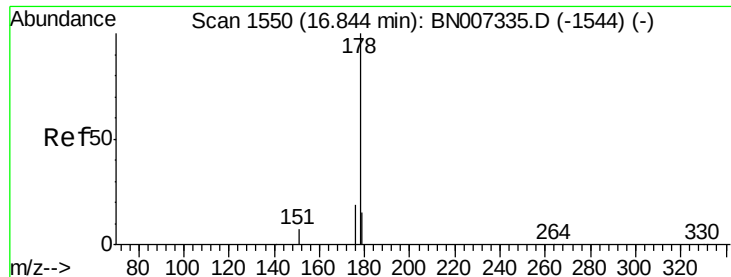


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 8.214 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

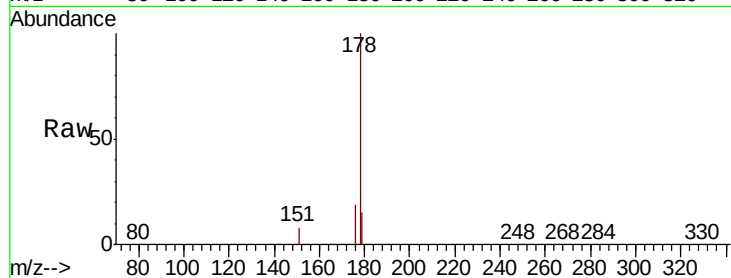
Tgt Ion:178 Resp: 783835

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

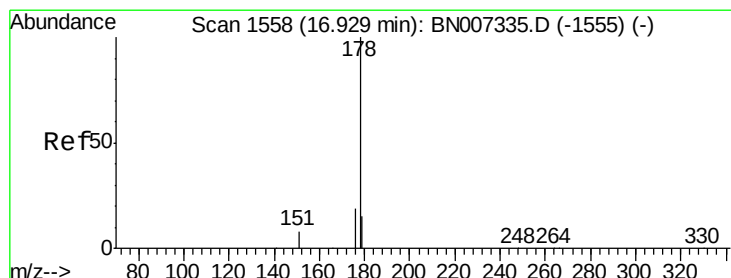
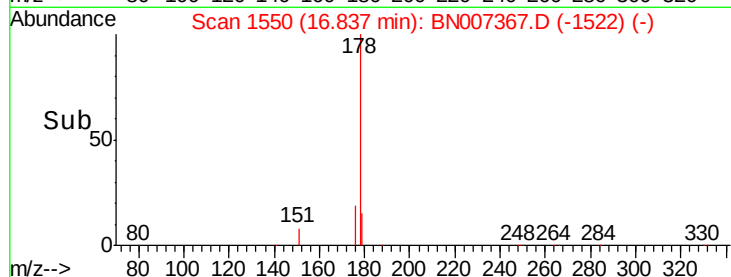
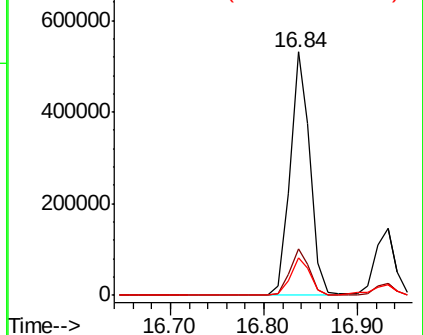
179 15.4 12.6 19.0



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: 2.182 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

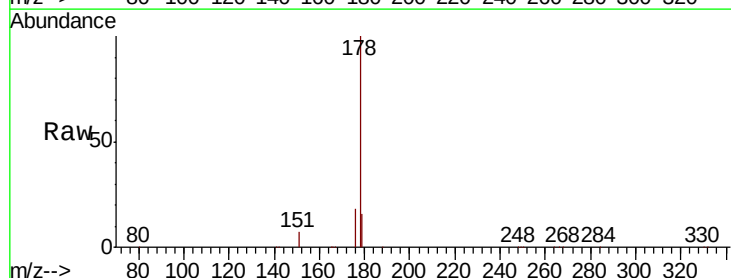
Tgt Ion:178 Resp: 209400

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

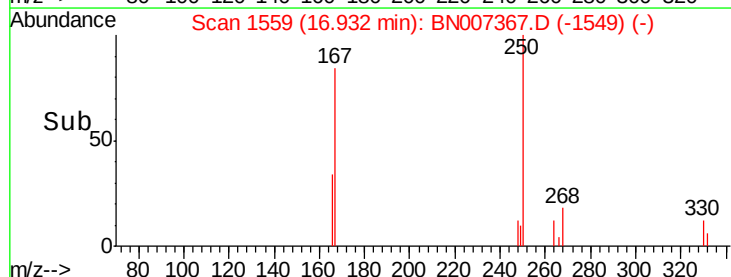
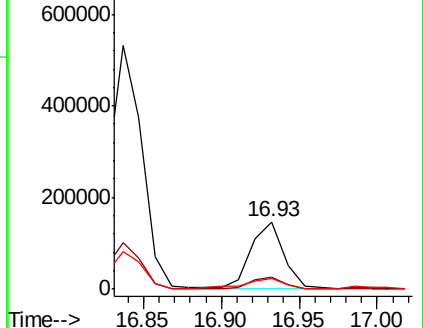
179 17.9 12.4 18.6

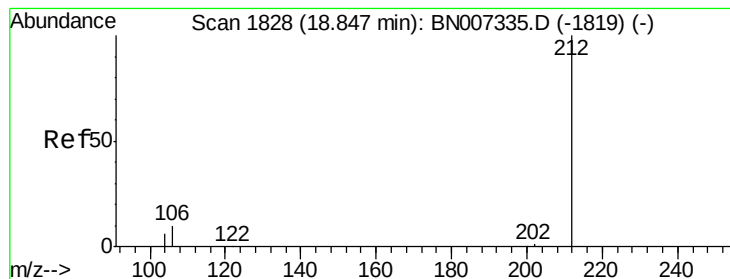


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.249 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

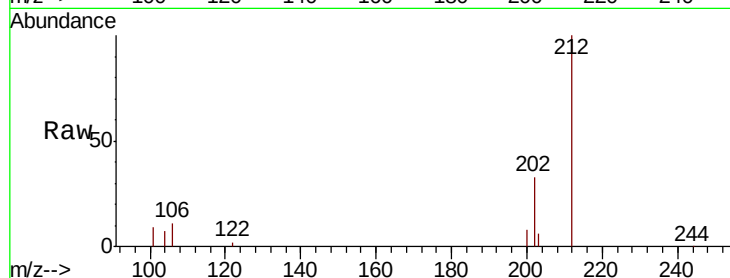
Tgt Ion:212 Resp: 25462

Ion Ratio Lower Upper

212 100

106 10.9 9.0 13.4

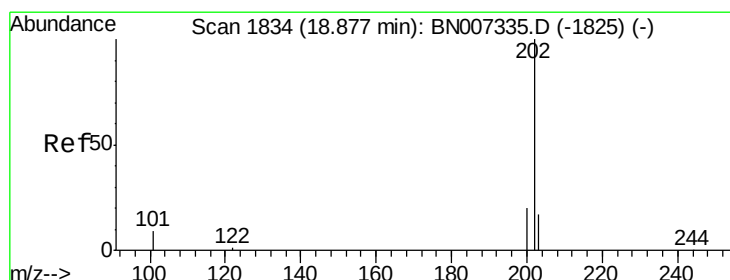
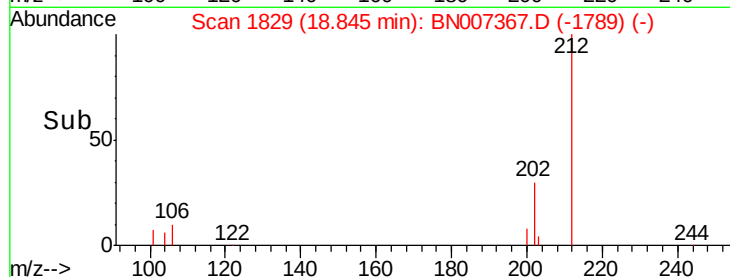
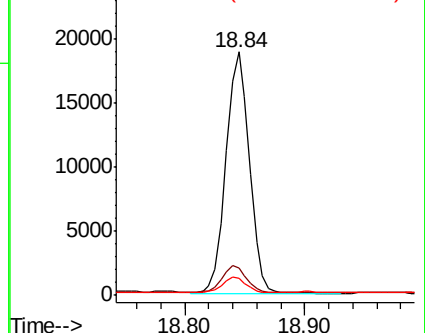
104 7.0 5.4 8.2



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: 19.355 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

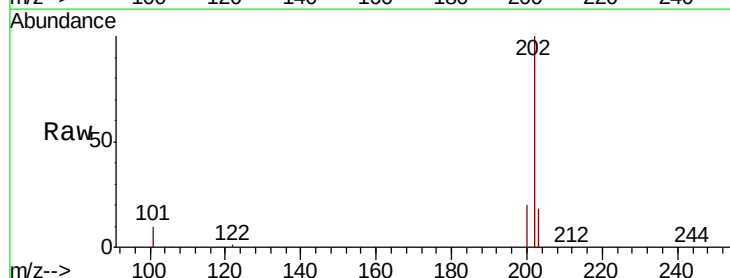
Tgt Ion:202 Resp: 2371407

Ion Ratio Lower Upper

202 100

101 9.7 7.7 11.5

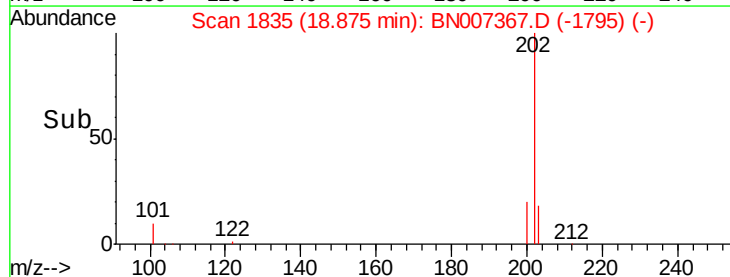
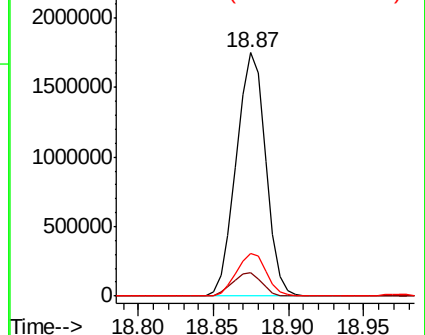
203 17.7 13.7 20.5

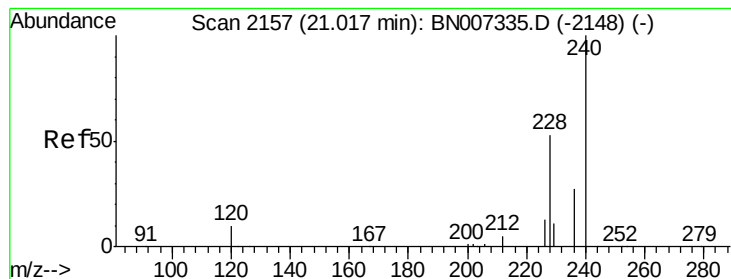


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

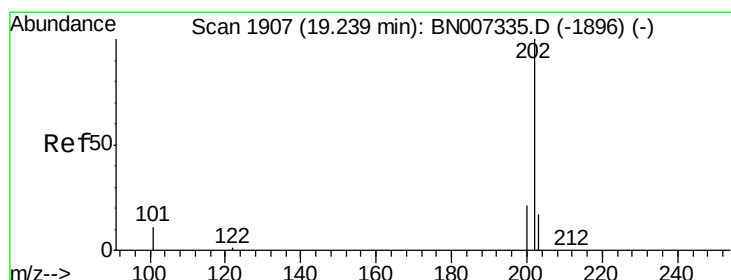
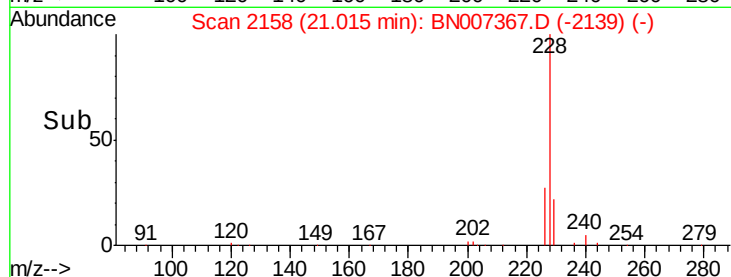
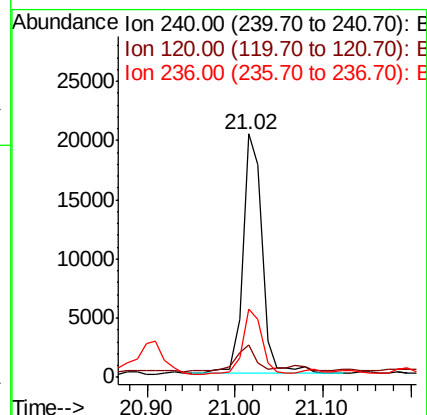
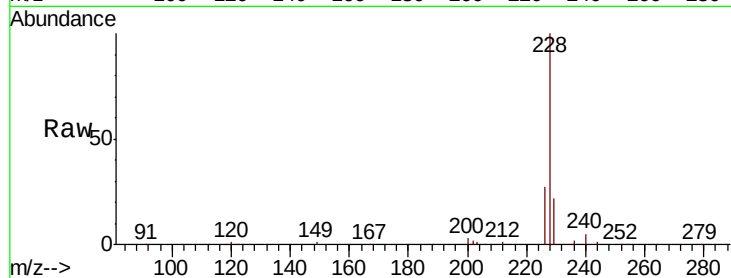
Tgt Ion:240 Resp: 31005

Ion Ratio Lower Upper

240 100

120 13.1 9.6 14.4

236 28.2 22.2 33.2



#28

Pyrene

Concen: 15.814 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

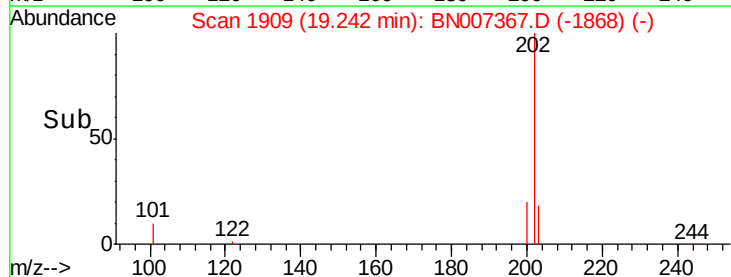
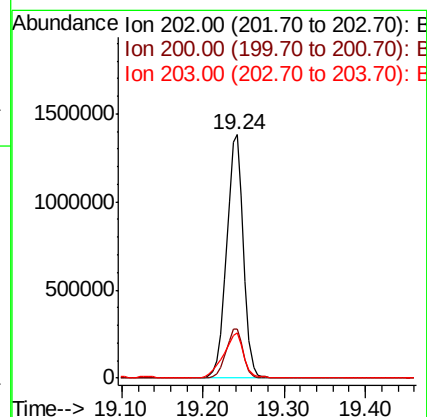
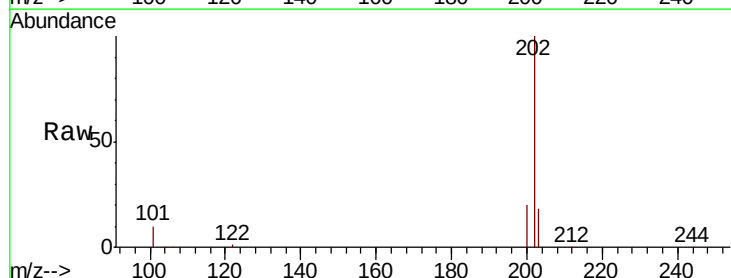
Tgt Ion:202 Resp: 1972395

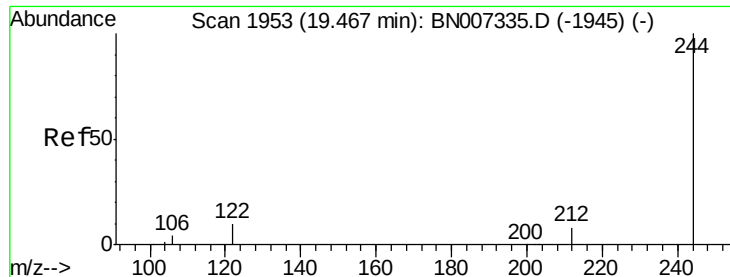
Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

203 22.3 14.2 21.4#





#29

Terphenyl-d14

Concen: 0.234 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

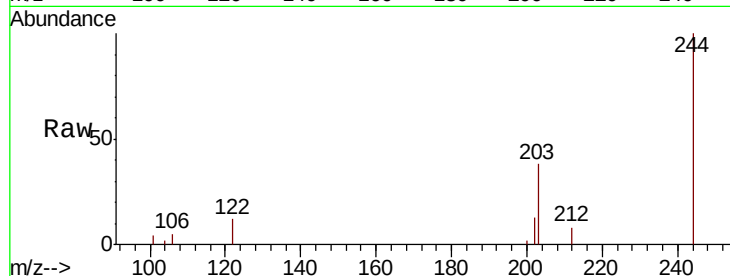
Tgt Ion:244 Resp: 18973

Ion Ratio Lower Upper

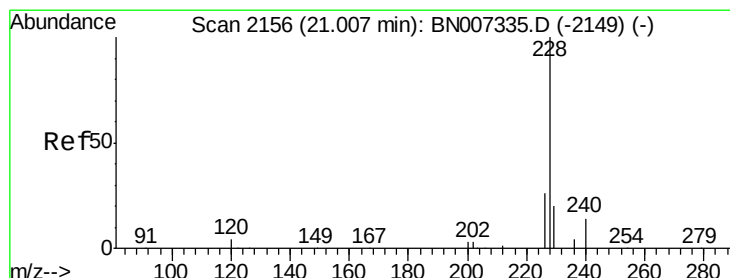
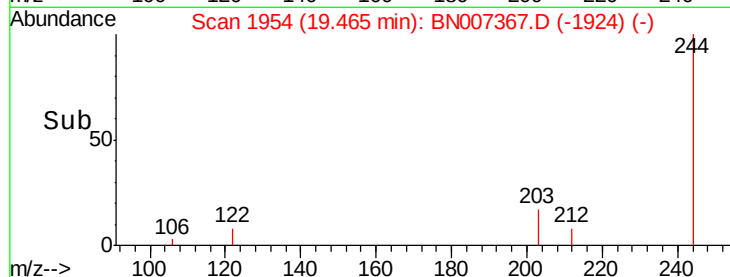
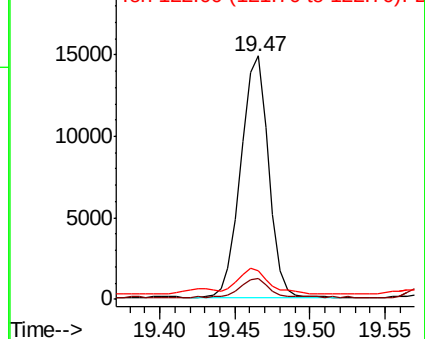
244 100

212 8.5 7.0 10.6

122 11.6 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: 12.135 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

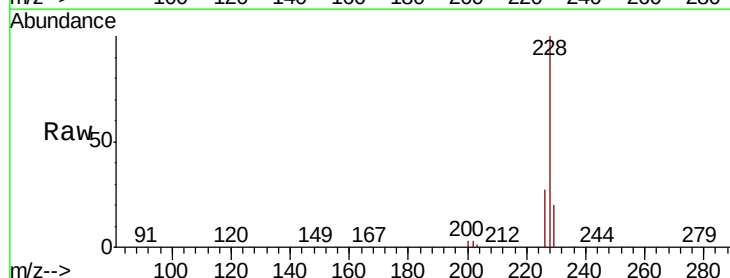
Tgt Ion:228 Resp: 1477559

Ion Ratio Lower Upper

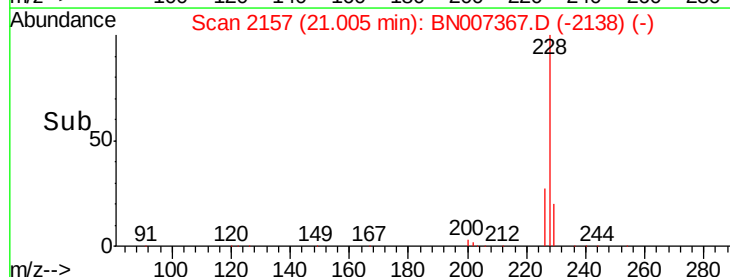
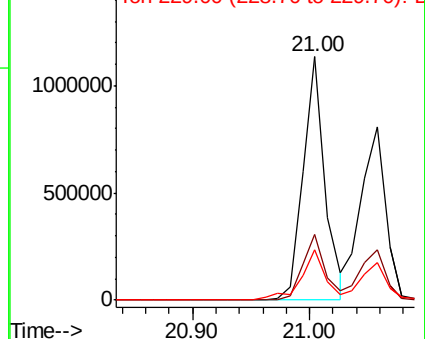
228 100

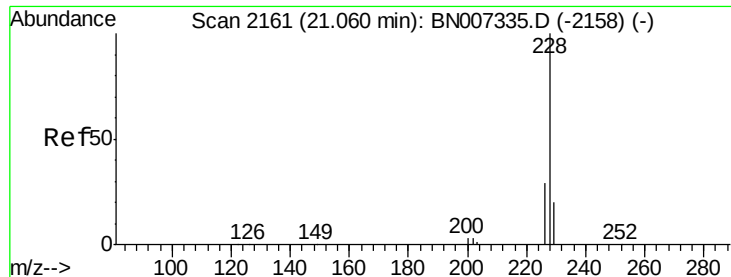
226 26.8 21.3 31.9

229 20.5 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: 10.054 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

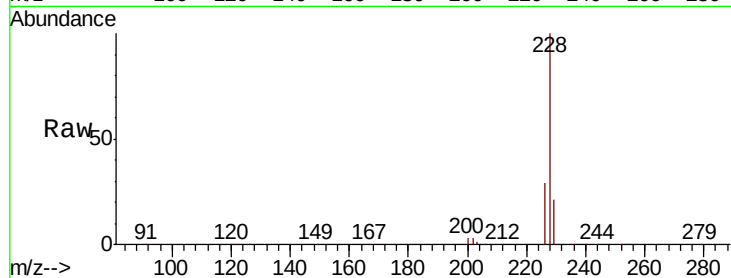
Tgt Ion:228 Resp: 1181623

Ion Ratio Lower Upper

228 100

226 28.7 23.5 35.3

229 21.4 16.6 24.8

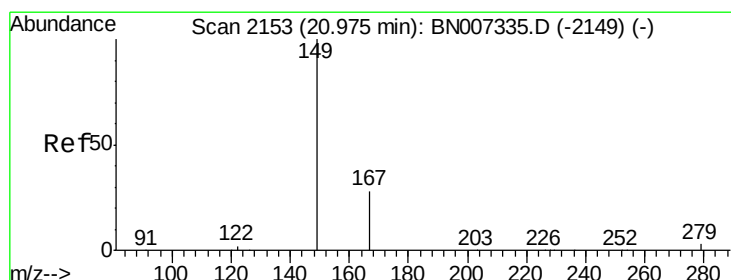
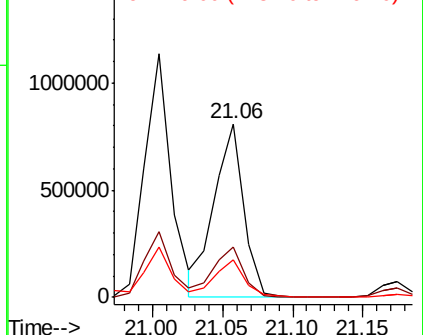
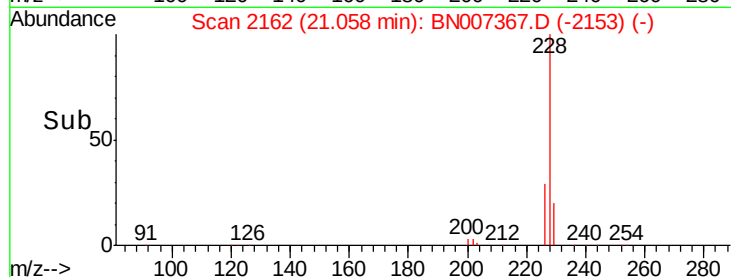


Abundance

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: 0.251 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

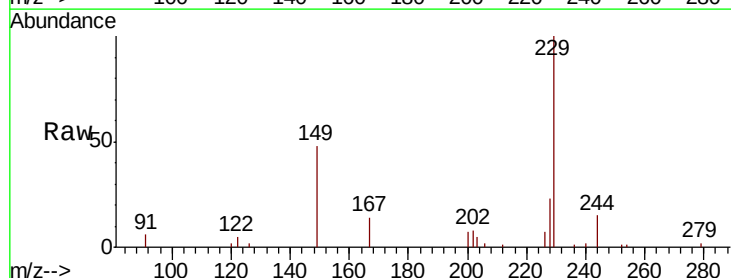
Tgt Ion:149 Resp: 21268

Ion Ratio Lower Upper

149 100

167 21.8 22.8 34.2#

279 3.8 3.5 5.3

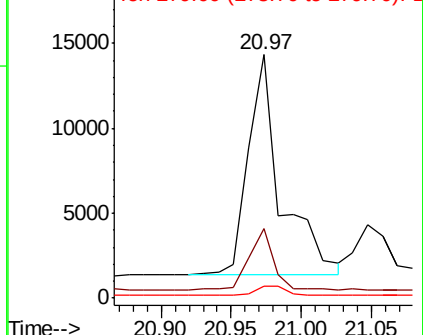
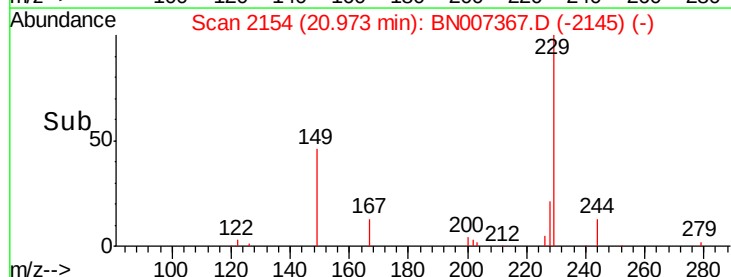


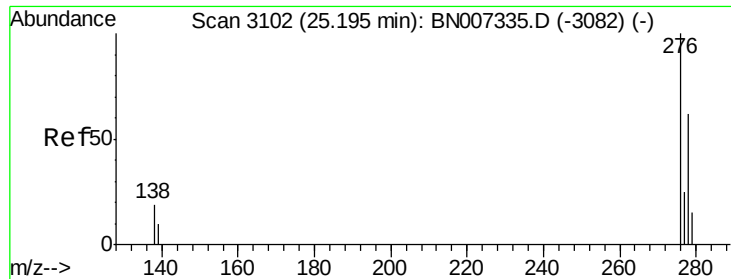
Abundance

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: 4.880 ng

RT: 25.19 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

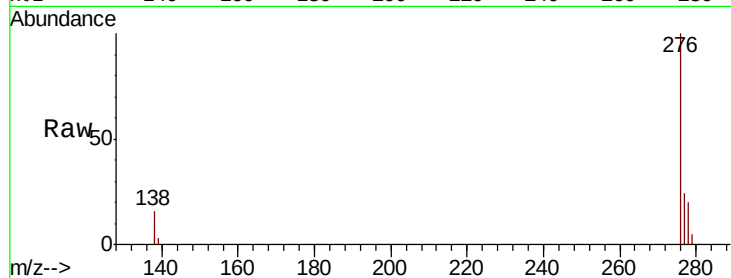
Tgt Ion:276 Resp: 690945

Ion Ratio Lower Upper

276 100

138 17.1 15.1 22.7

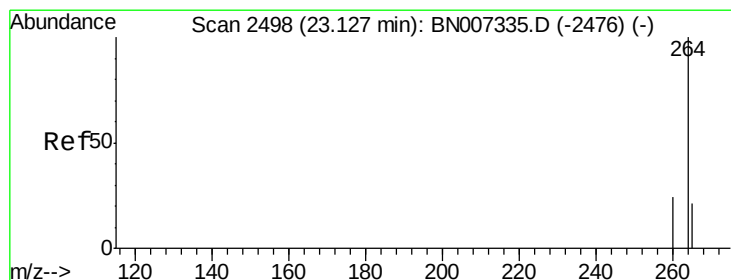
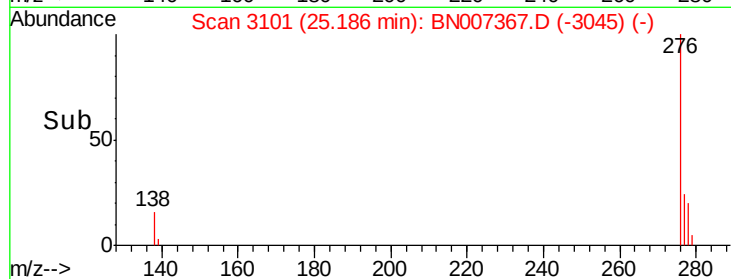
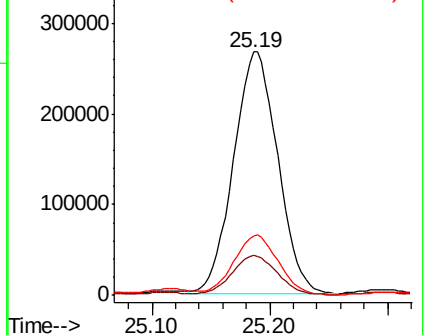
277 24.6 19.7 29.5



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: 23.13 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

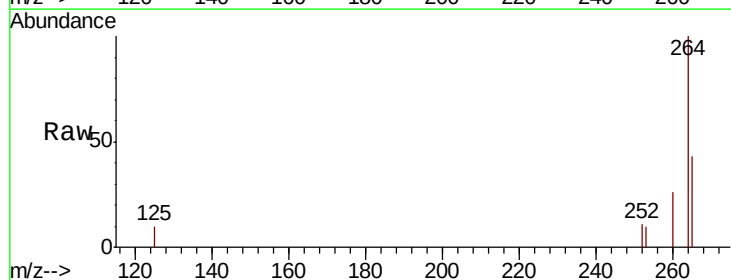
Tgt Ion:264 Resp: 34735

Ion Ratio Lower Upper

264 100

260 25.7 19.7 29.5

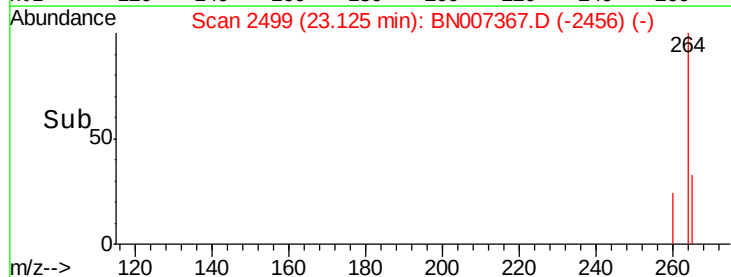
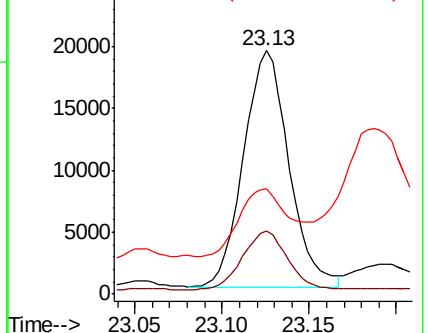
265 43.3 29.9 44.9

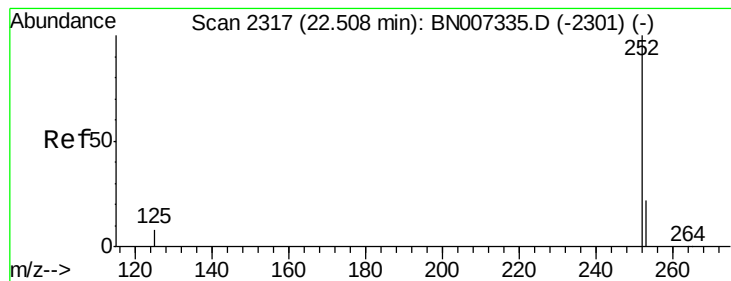


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 12.246 ng

RT: 22.51 min Scan# 2319

Delta R.T. 0.00 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

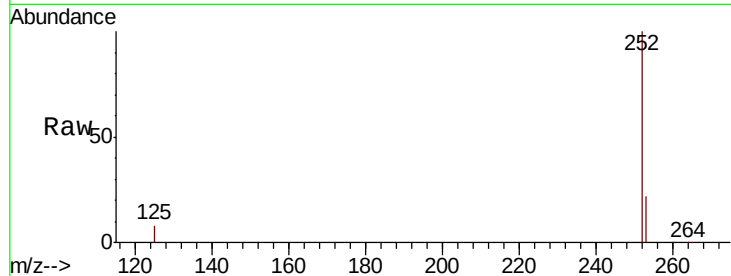
Tgt Ion:252 Resp: 1541216

Ion Ratio Lower Upper

252 100

253 22.5 19.2 28.8

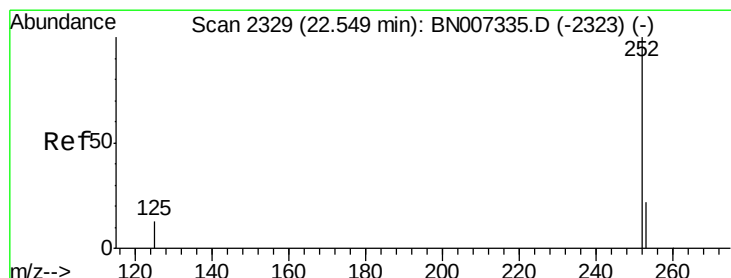
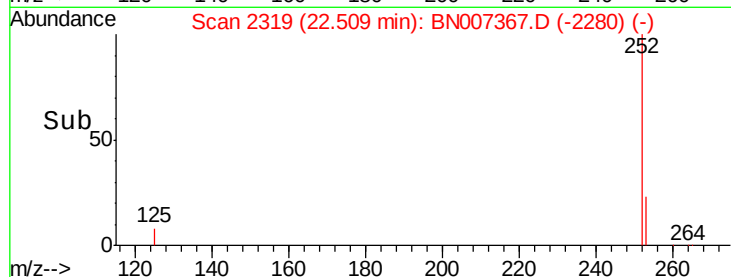
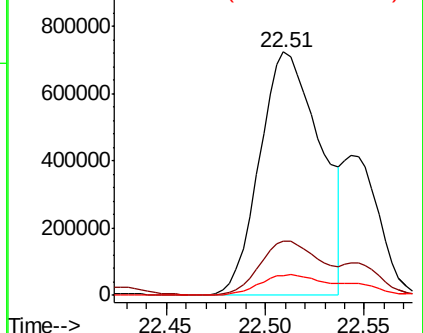
125 8.3 10.6 16.0#



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: 12.391 ng

RT: 22.51 min Scan# 2319

Delta R.T. -0.04 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

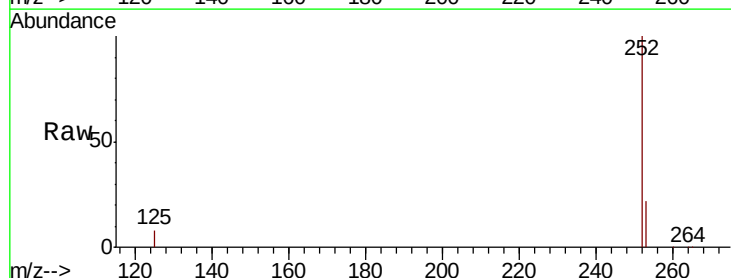
Tgt Ion:252 Resp: 1541216

Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.2

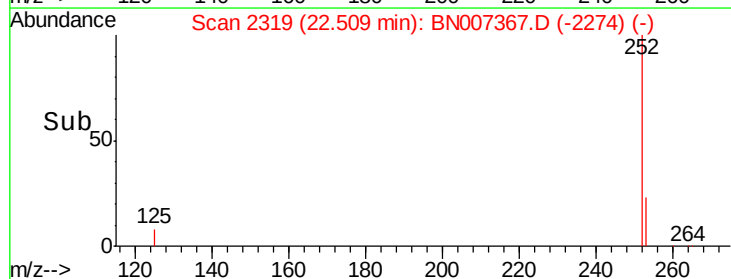
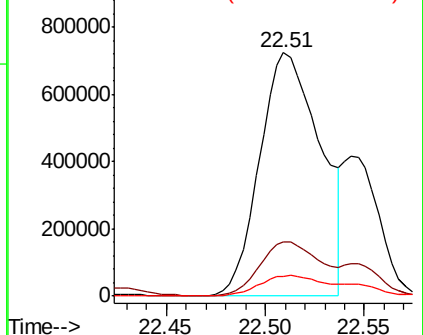
125 8.3 13.1 19.7#

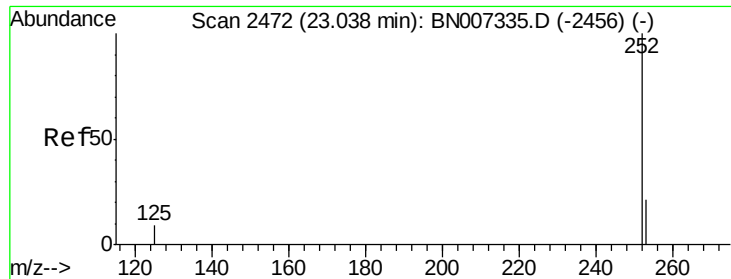


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 2.508 ng

RT: 23.17 min Scan# 2512

Delta R.T. 0.13 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919

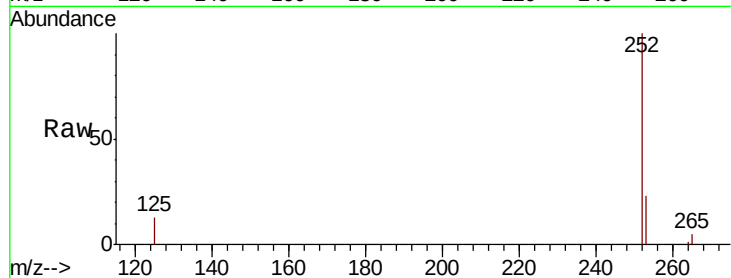
Tgt Ion:252 Resp: 300374

Ion Ratio Lower Upper

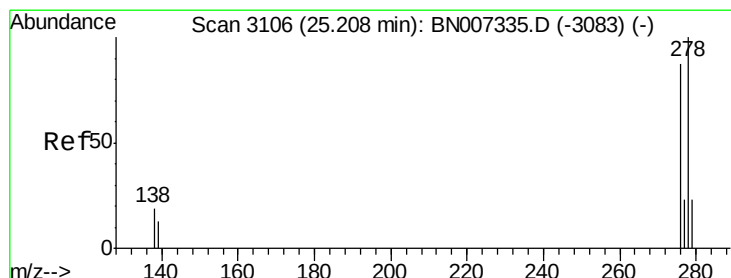
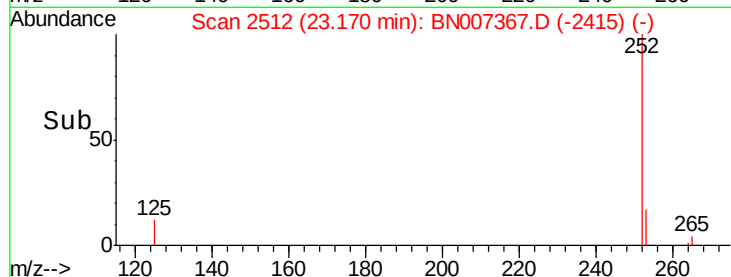
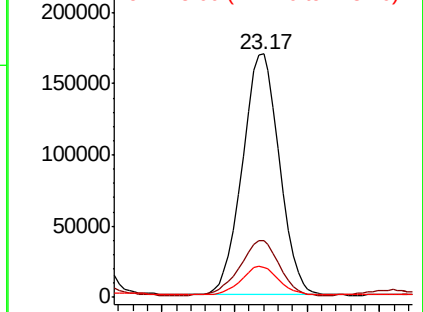
252 100

253 23.2 19.5 29.3

125 12.5 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: 1.558 ng

RT: 25.19 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BN007367.D

Acq: 24 Aug 2019 17:19

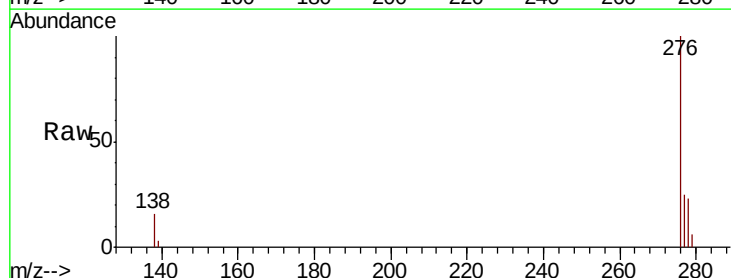
Tgt Ion:278 Resp: 186135

Ion Ratio Lower Upper

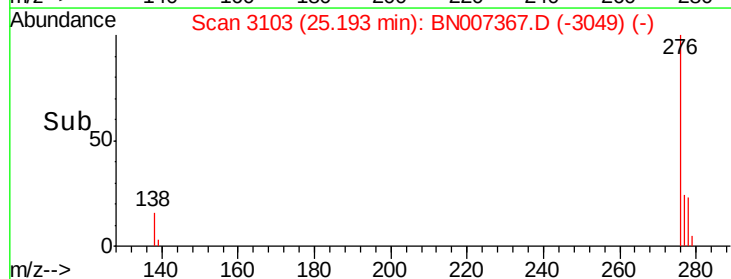
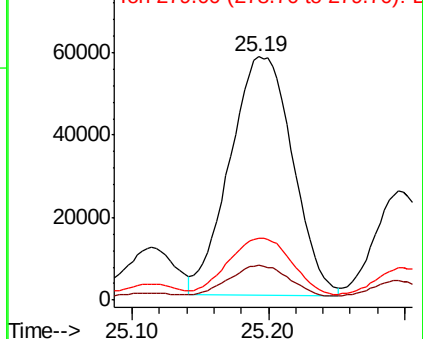
278 100

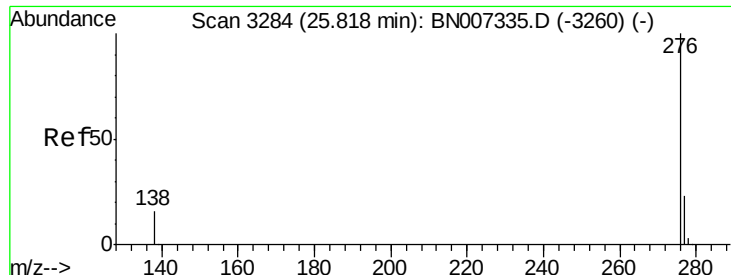
139 14.3 13.7 20.5

279 25.3 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: 5.184 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007367.D

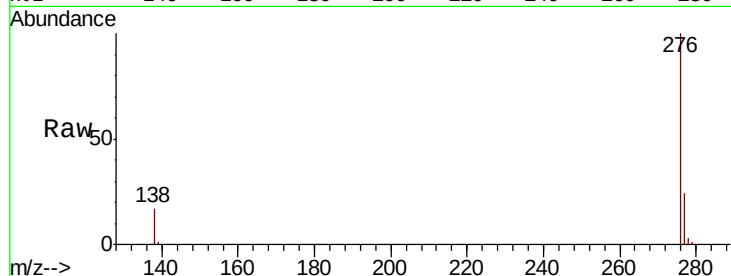
Acq: 24 Aug 2019 17:19

Instrument :

BNA_N

ClientSampleId :

S301-J-2.0-2.5-081919



Tgt Ion: 276 Resp: 617234

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 16.8 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

