

Data File : BN007398.D
Acq On : 25 Aug 2019 16:38
Operator : HP/JU
Sample : K4496-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219MS

Quant Time: Aug 26 05:22:42 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	3537	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	13975	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	7382	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	16226	0.40	ng	0.00
27) Chrysene-d12	21.02	240	16584	0.40	ng	0.00
34) Perylene-d12	23.12	264	19388	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	3742	0.30	ng	0.00
5) Phenol-d6	6.59	99	4731	0.30	ng	0.00
8) Nitrobenzene-d5	8.53	82	3604	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	9317	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1208	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	8526	0.29	ng	0.00
25) Fluoranthene-d10	18.84	212	14198	0.27	ng	0.00
29) Terphenyl-d14	19.46	244	9961	0.23	ng	0.00

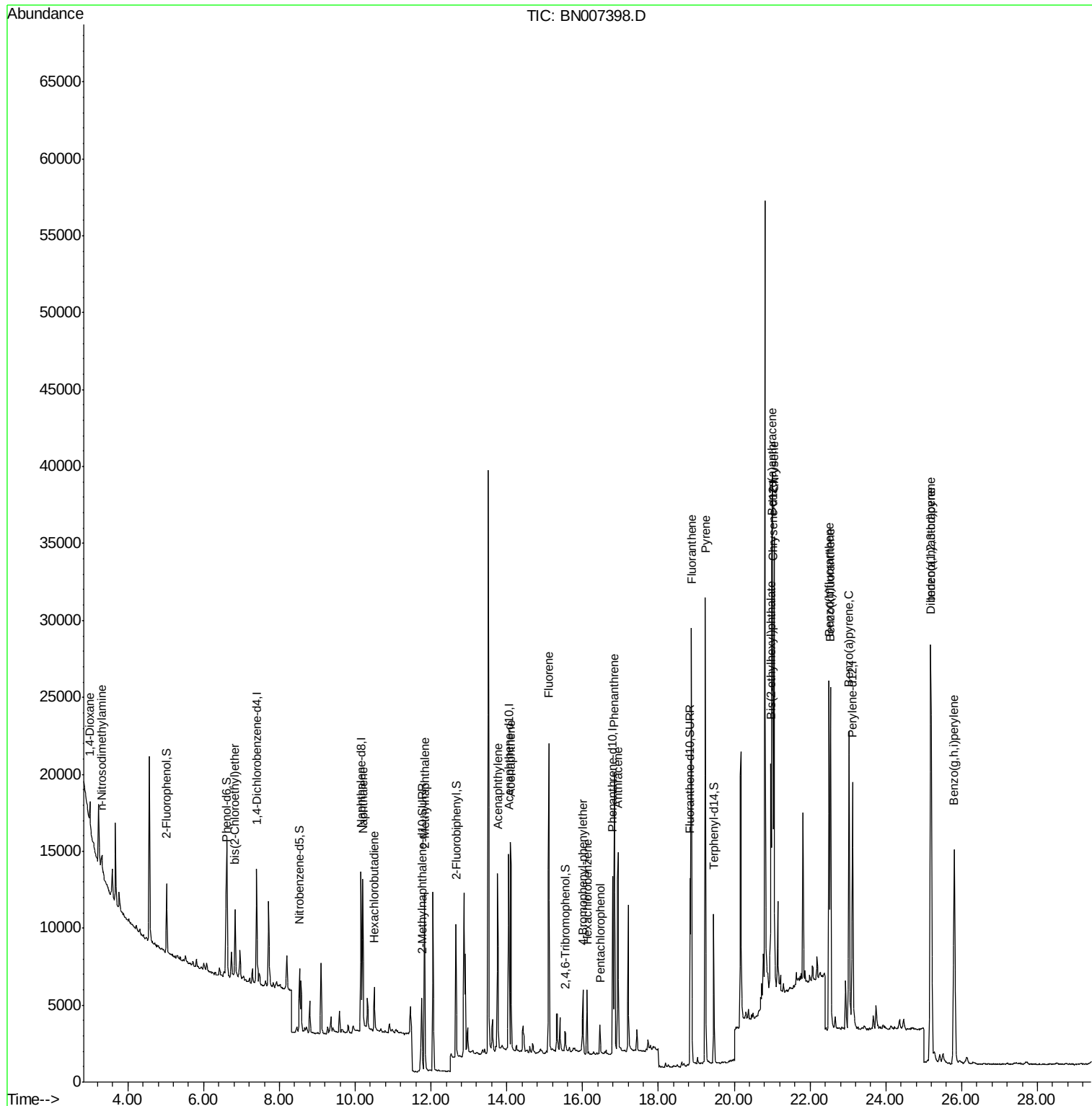
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	1447	0.246	ng	# 65
3) n-Nitrosodimethylamine	3.30	42	836	0.306	ng	# 85
6) bis(2-Chloroethyl)ether	6.83	93	3580	0.280	ng	96
9) Naphthalene	10.20	128	12529	0.314	ng	# 92
10) Hexachlorobutadiene	10.51	225	2229	0.272	ng	# 99
12) 2-Methylnaphthalene	11.83	142	8504	0.313	ng	97
16) Acenaphthylene	13.76	152	13254	0.303	ng	99
17) Acenaphthene	14.10	154	7560	0.296	ng	99
18) Fluorene	15.10	166	9477	0.293	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1788	0.279	ng	94
21) Hexachlorobenzene	16.11	284	3213	0.295	ng	97
22) Pentachlorophenol	16.46	266	1135	0.336	ng	# 64
23) Phenanthrene	16.84	178	18475	0.379	ng	100
24) Anthracene	16.93	178	15294	0.312	ng	98
26) Fluoranthene	18.87	202	26883	0.429	ng	99
28) Pyrene	19.24	202	28600	0.429	ng	98
30) Benzo(a)anthracene	20.99	228	24957	0.383	ng	96
31) Chrysene	21.05	228	24918	0.396	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	15639	0.352	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	31512	0.416	ng	99
35) Benzo(b)fluoranthene	22.50	252	28375	0.404	ng	98
36) Benzo(k)fluoranthene	22.54	252	25404	0.366	ng	98
37) Benzo(a)pyrene	23.03	252	26499	0.396	ng	98
38) Dibenzo(a,h)anthracene	25.20	278	23402	0.351	ng	98
39) Benzo(g,h,i)perylene	25.81	276	28221	0.425	ng	98

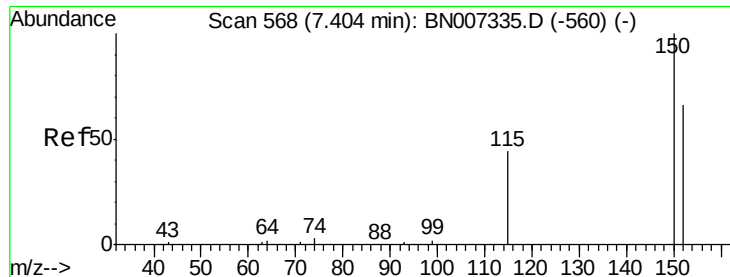
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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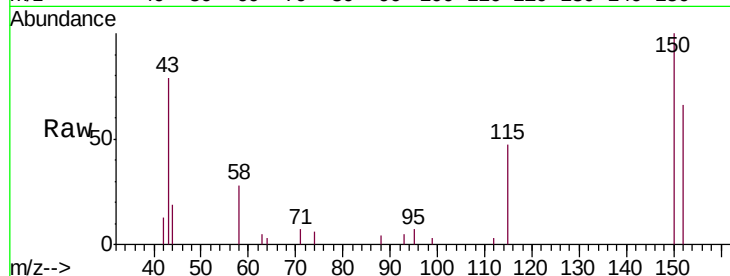


#1

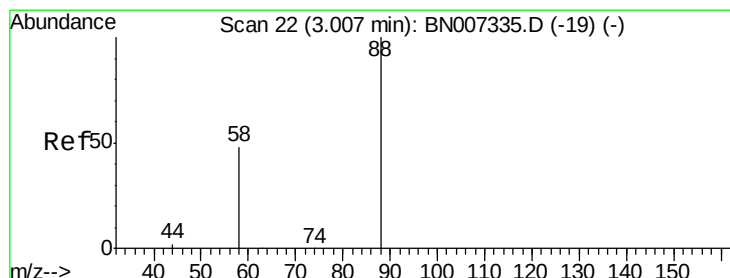
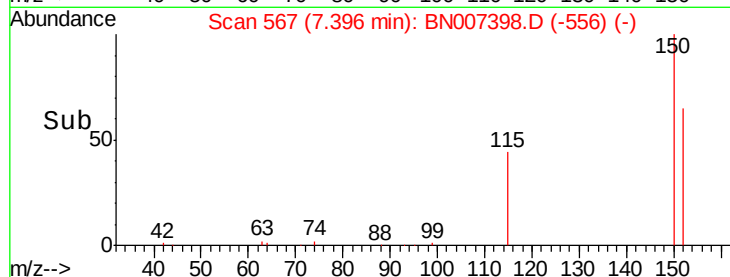
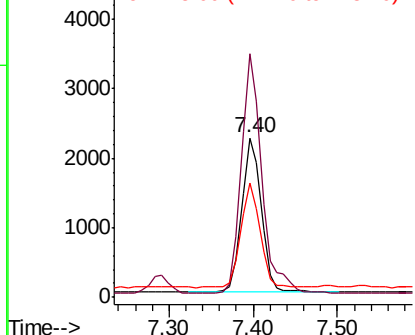
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
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BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219MS

Tgt Ion:152 Resp: 3537
Ion Ratio Lower Upper
152 100
150 152.4 109.1 163.7
115 71.2 59.6 89.4



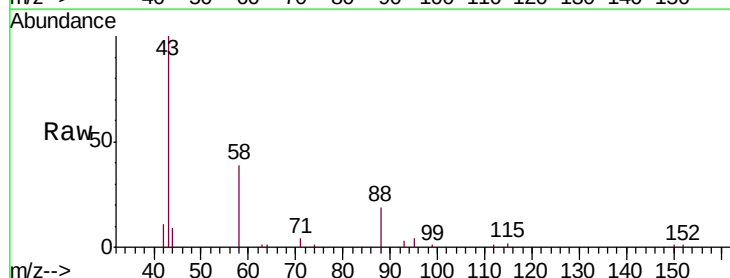
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



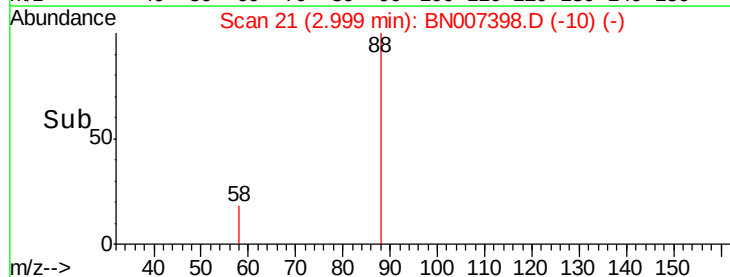
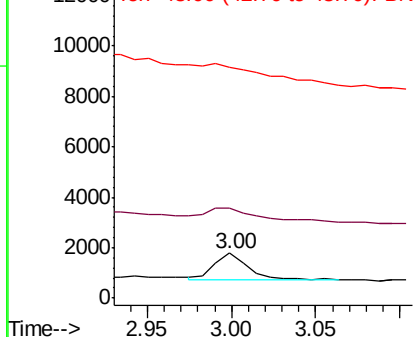
#2

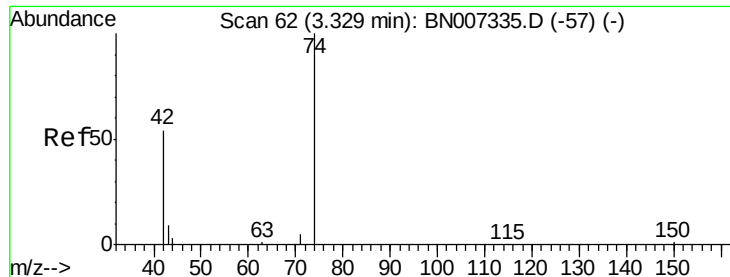
1,4-Dioxane
Concen: 0.246 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007398.D
Acq: 25 Aug 2019 16:38

Tgt Ion: 88 Resp: 1447
Ion Ratio Lower Upper
88 100
58 89.9 50.5 75.7#
43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.306 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.02 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

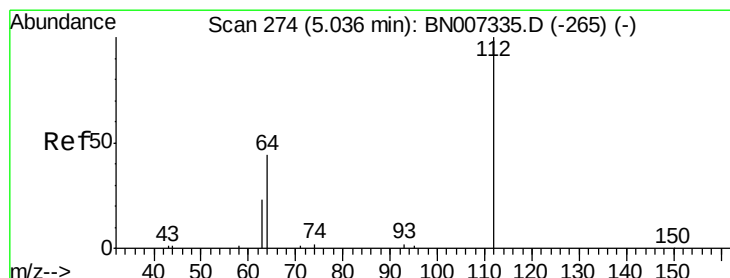
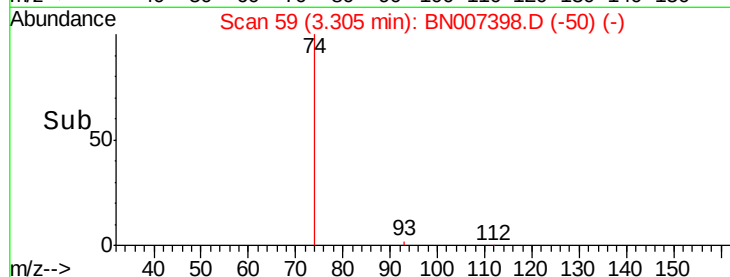
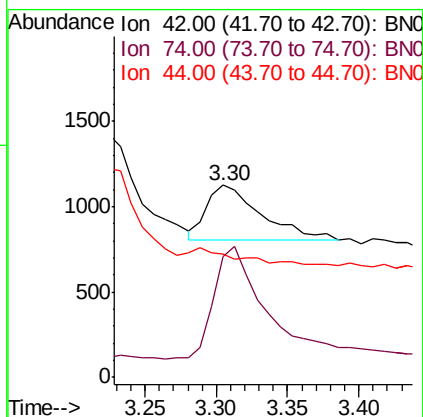
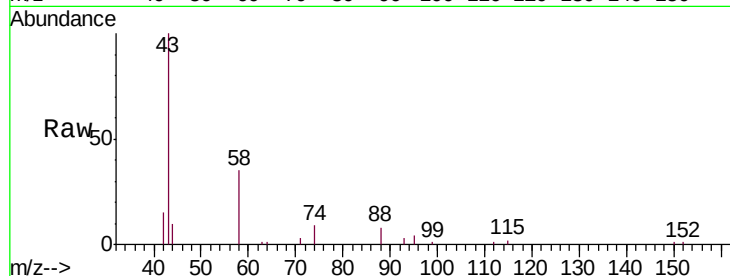
Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

Tgt Ion:	42	Resp:	836
Ion	Ratio	Lower	Upper
42	100		
74	201.9	144.7	217.1
44	0.0	3.2	4.8#



#4

2-Fluorophenol

Concen: 0.298 ng

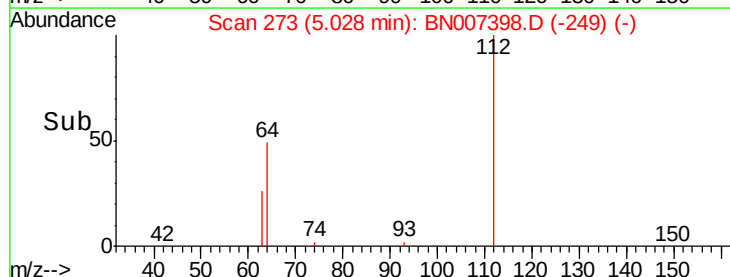
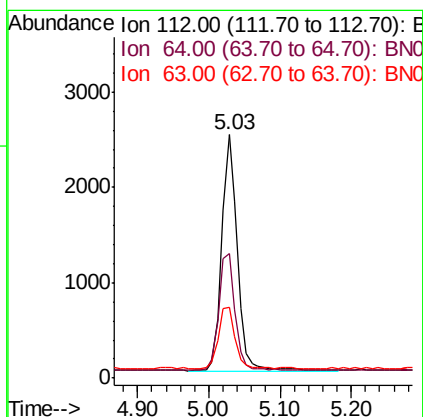
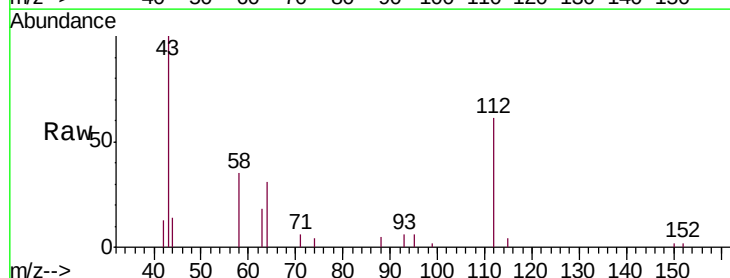
RT: 5.03 min Scan# 273

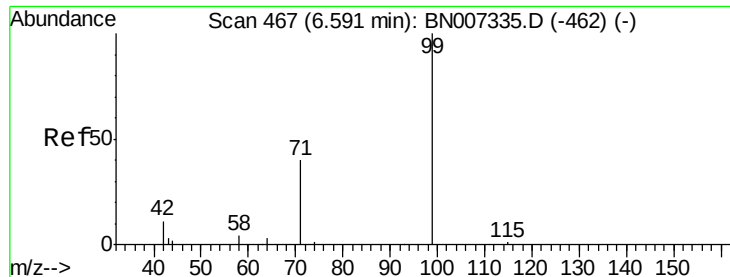
Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Tgt Ion:	112	Resp:	3742
Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.3	63.5
63	28.0	23.6	35.4





#5

Phenol-d6

Concen: 0.295 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

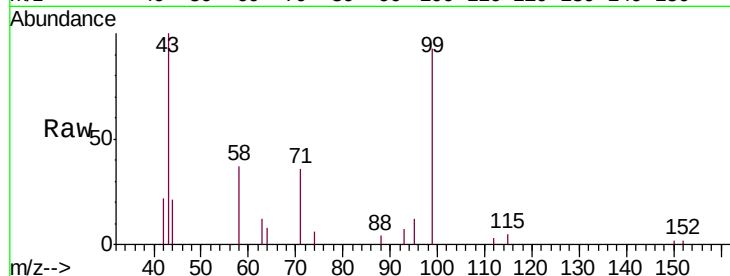
Tgt Ion: 99 Resp: 4731

Ion Ratio Lower Upper

99 100

42 20.6 11.2 16.8#

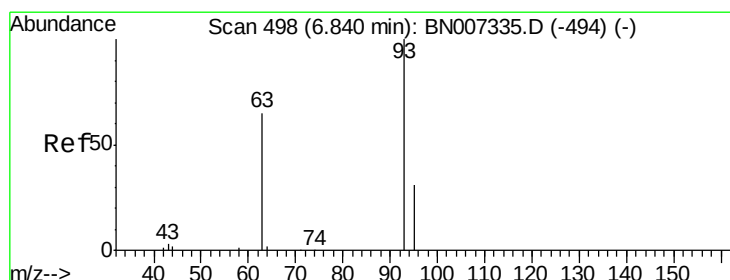
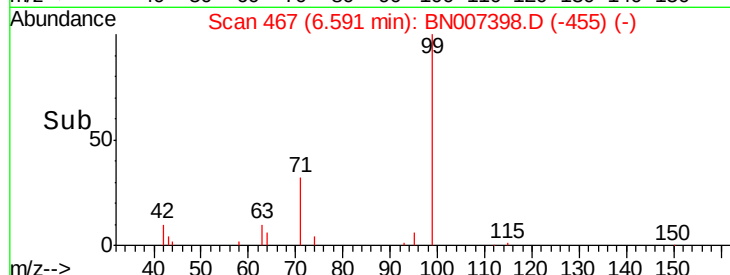
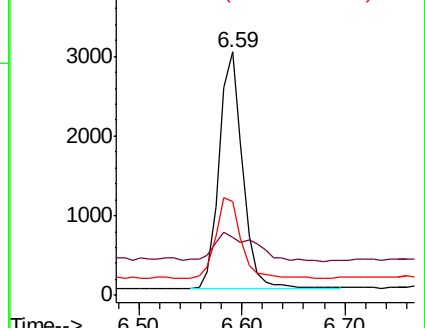
71 36.8 31.8 47.8



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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.280 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

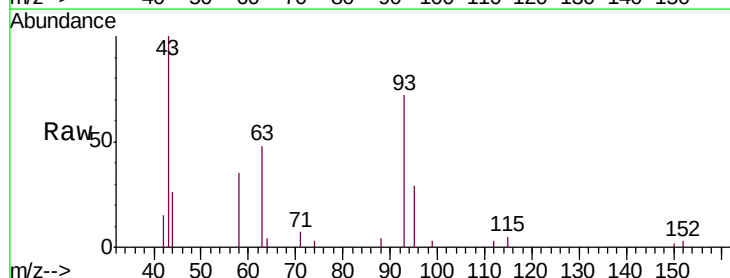
Tgt Ion: 93 Resp: 3580

Ion Ratio Lower Upper

93 100

63 61.5 51.9 77.9

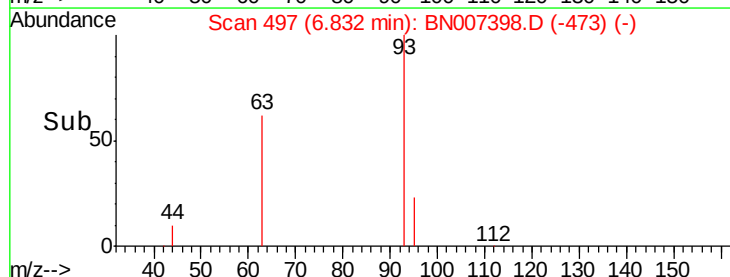
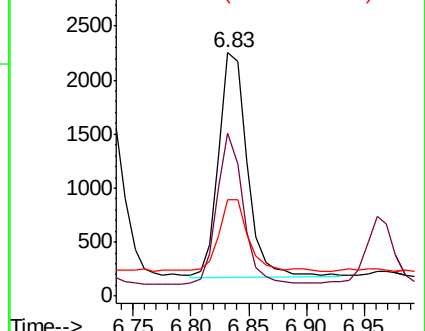
95 33.1 27.7 41.5

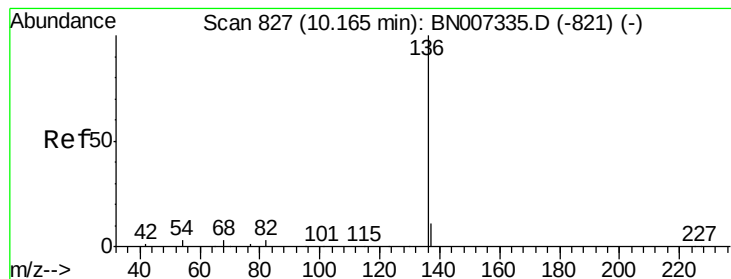


Abundance Ion 93.00 (92.70 to 93.70): BN007335.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007335.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007335.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

Tgt Ion: 136 Resp: 13975

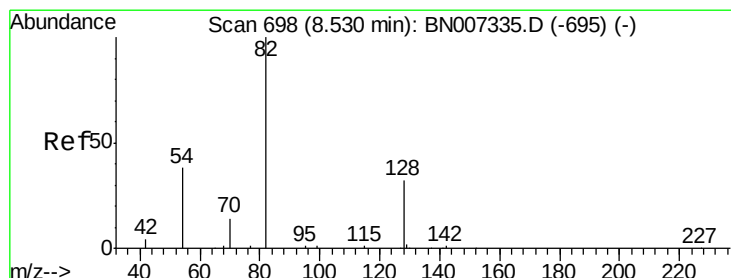
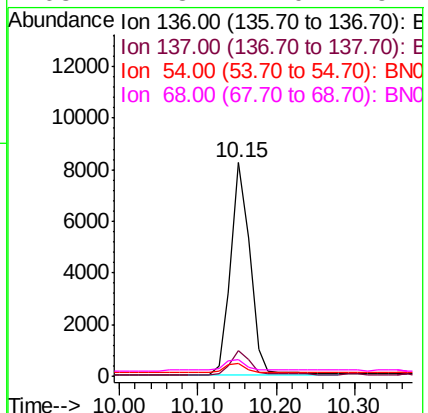
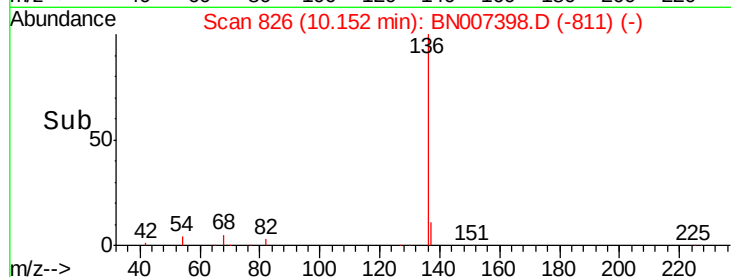
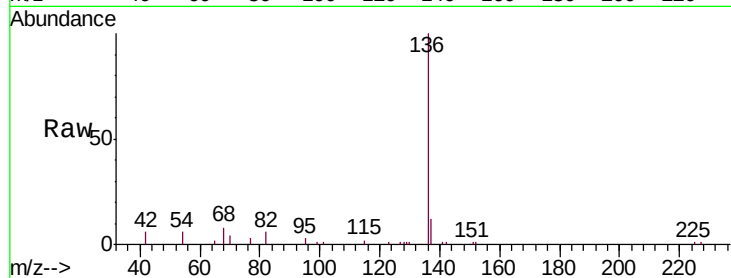
Ion Ratio Lower Upper

136 100

137 11.8 12.9 19.3#

54 5.8 8.6 12.8#

68 7.8 17.0 25.4#



#8

Nitrobenzene-d5

Concen: 0.296 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

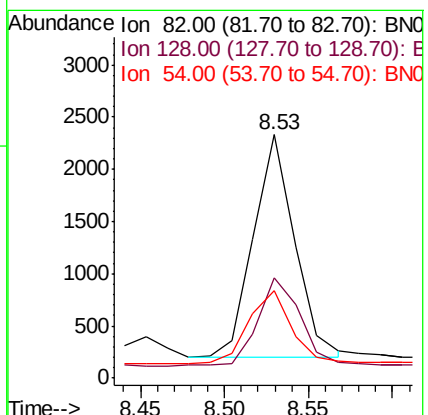
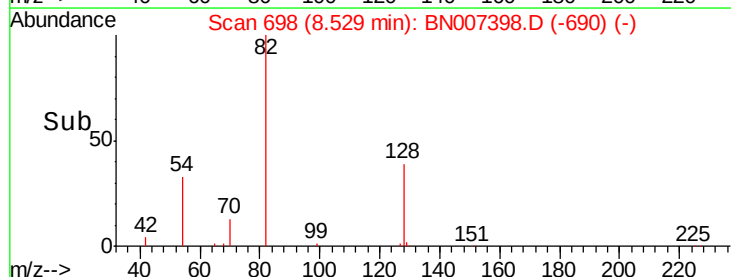
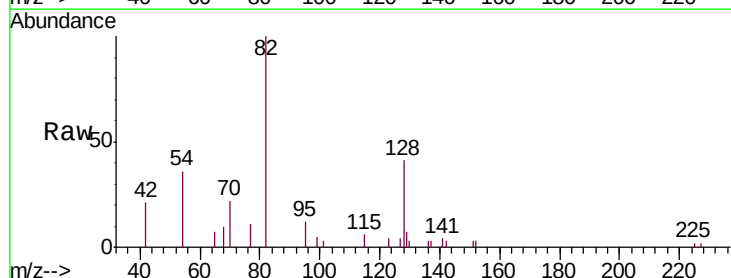
Tgt Ion: 82 Resp: 3604

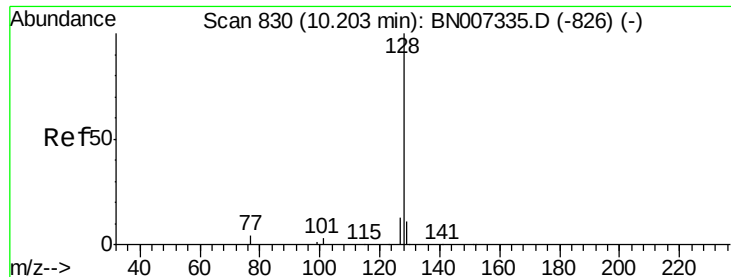
Ion Ratio Lower Upper

82 100

128 41.2 19.7 29.5#

54 35.7 25.8 38.6





#9

Naphthalene

Concen: 0.314 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007398.D

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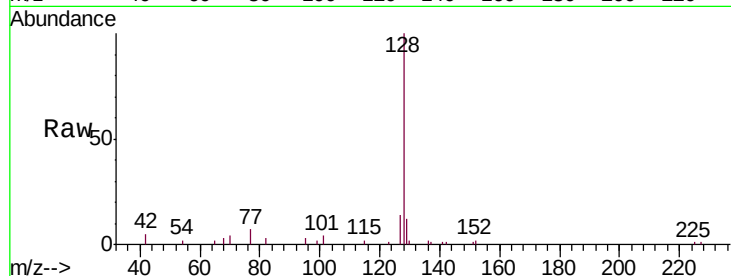
Tgt Ion:128 Resp: 12529

Ion Ratio Lower Upper

128 100

129 12.3 11.1 16.7

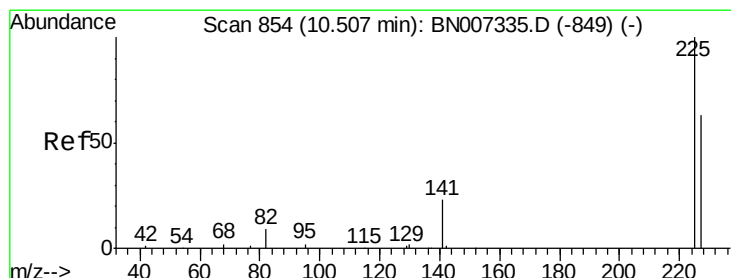
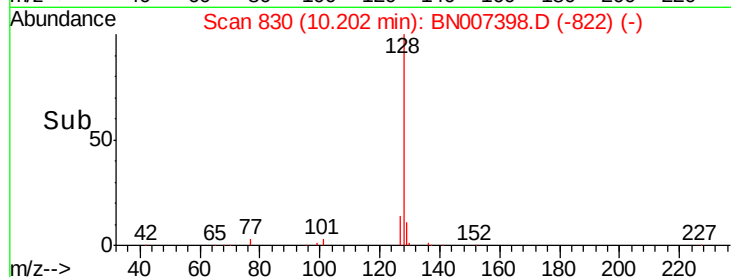
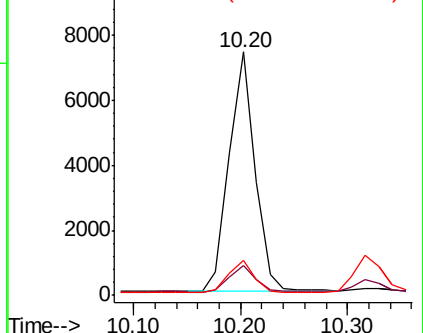
127 14.4 15.5 23.3#



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



#10

Hexachlorobutadiene

Concen: 0.272 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

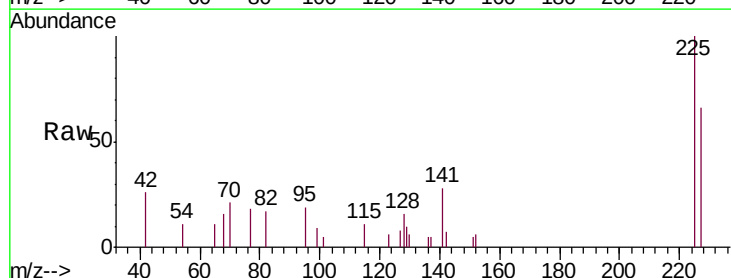
Tgt Ion:225 Resp: 2229

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

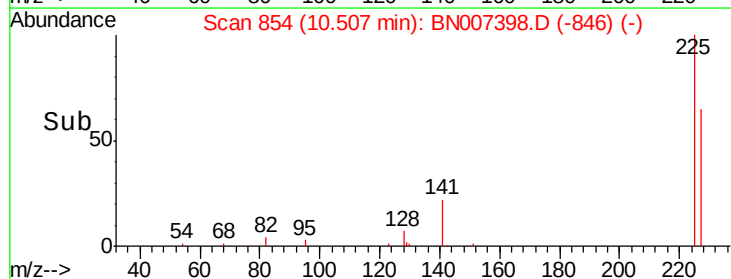
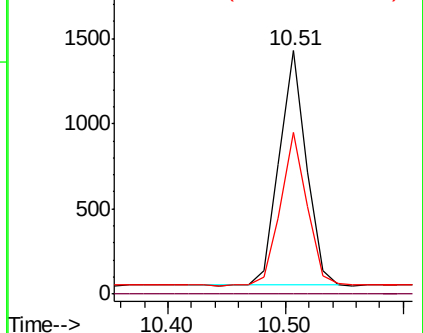
227 64.4 50.7 76.1

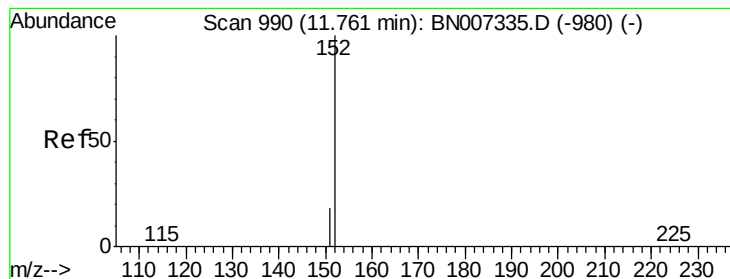


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007398.D

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ClientSampleId :

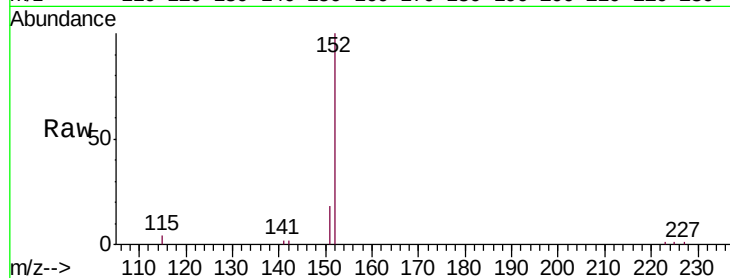
S600-M-1.0-1.5-082219MS

Tgt Ion:152 Resp: 9317

Ion Ratio Lower Upper

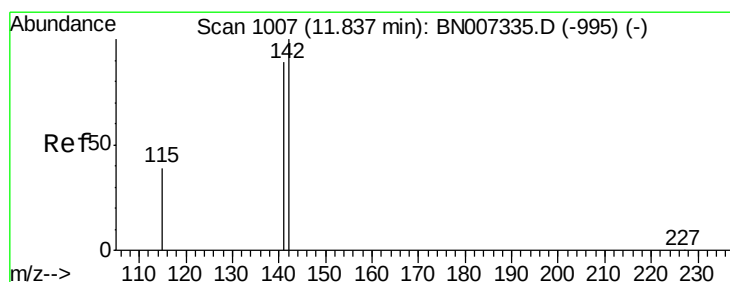
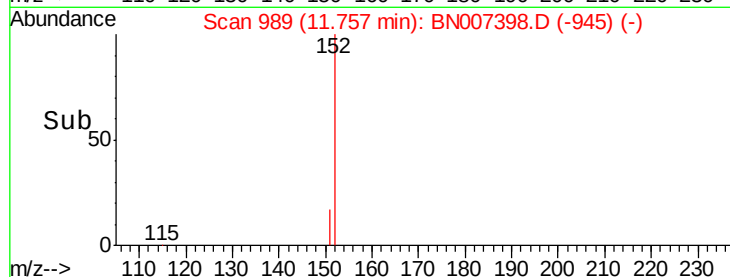
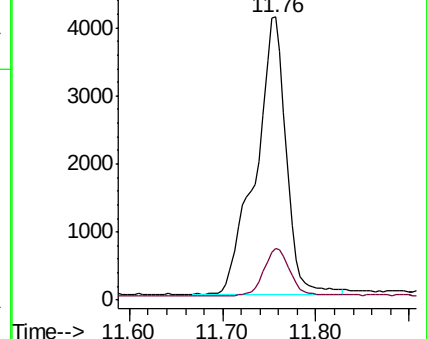
152 100

151 14.4 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: 0.313 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

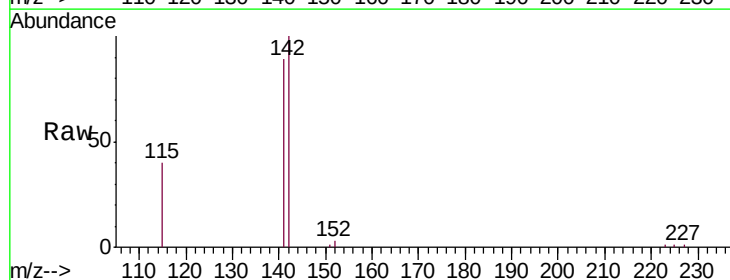
Tgt Ion:142 Resp: 8504

Ion Ratio Lower Upper

142 100

141 89.2 72.8 109.2

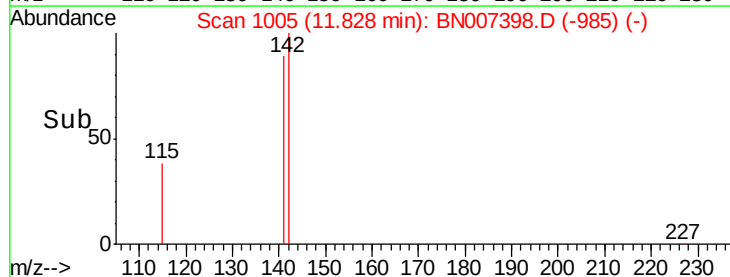
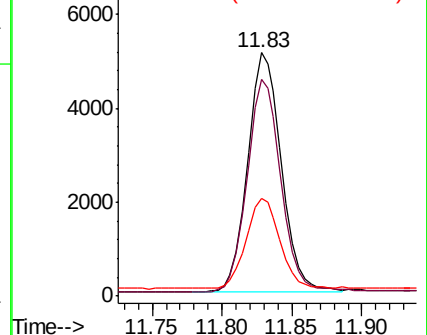
115 40.1 35.2 52.8

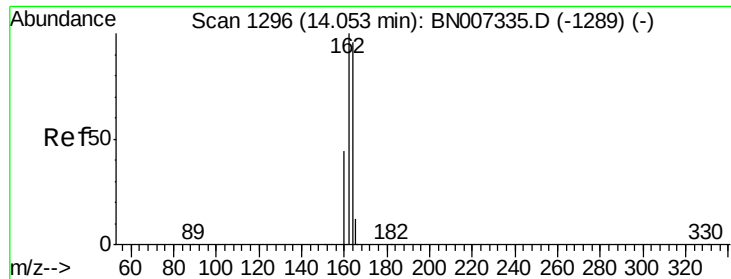


Abundance Ion 142.00 (141.70 to 142.70): E

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

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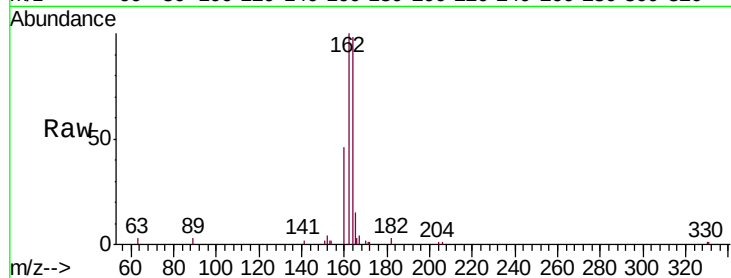
Tgt Ion:164 Resp: 7382

Ion Ratio Lower Upper

164 100

162 101.5 83.5 125.3

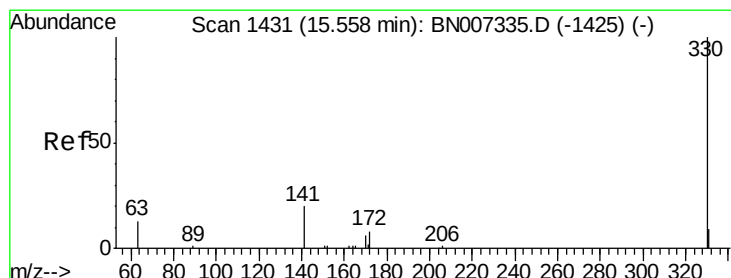
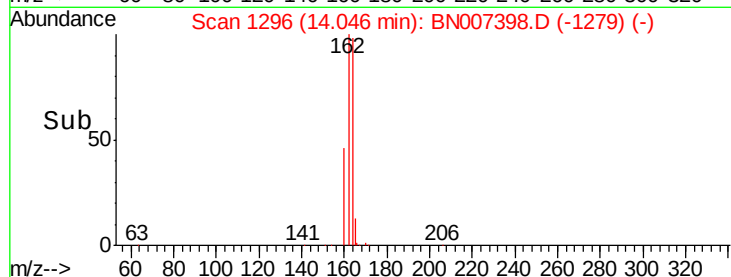
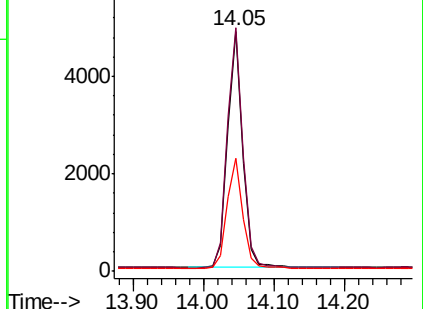
160 47.0 38.2 57.4



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: 0.313 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

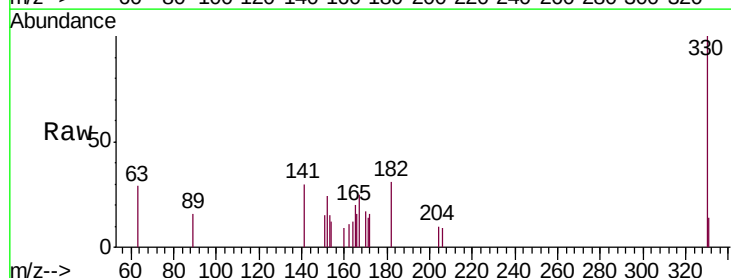
Tgt Ion:330 Resp: 1208

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

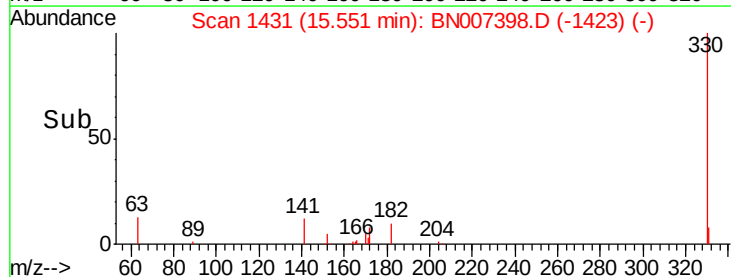
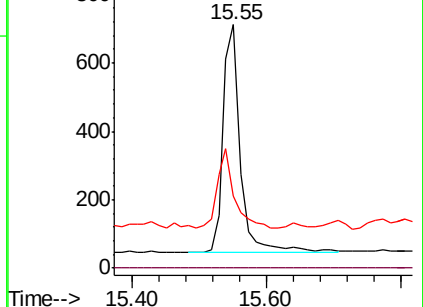
141 33.5 26.9 40.3

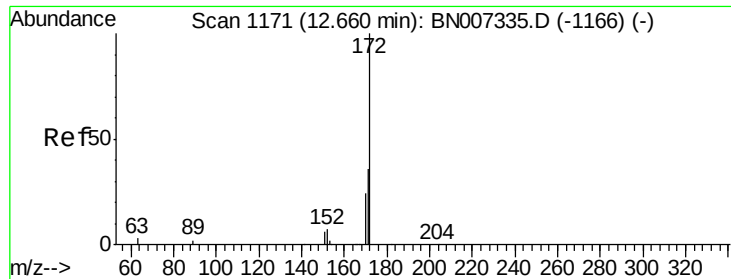


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

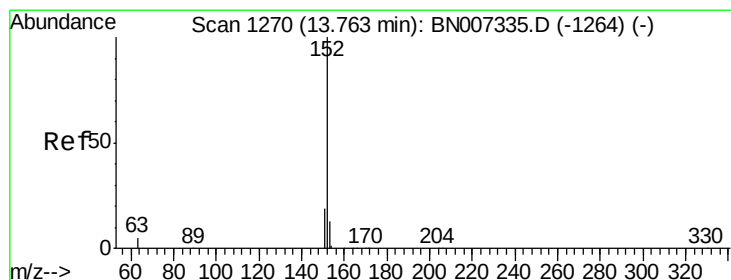
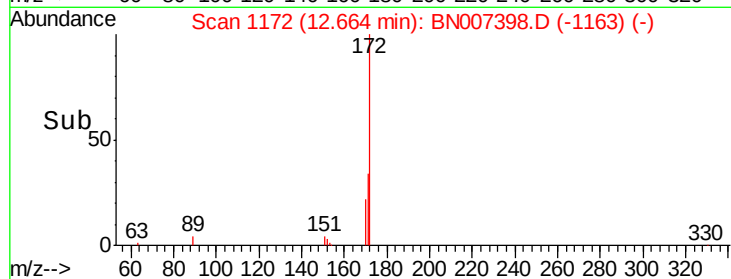
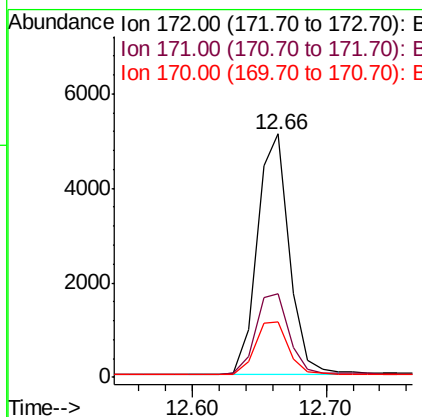
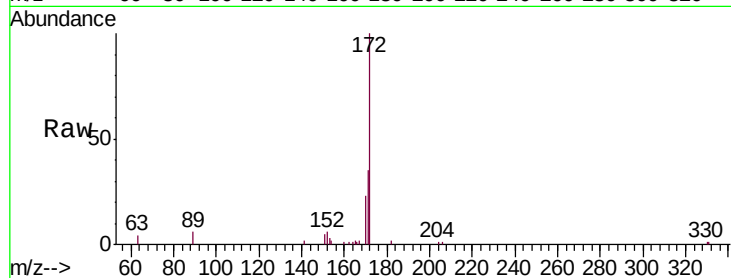




#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007398.D
Acq: 25 Aug 2019 16:38

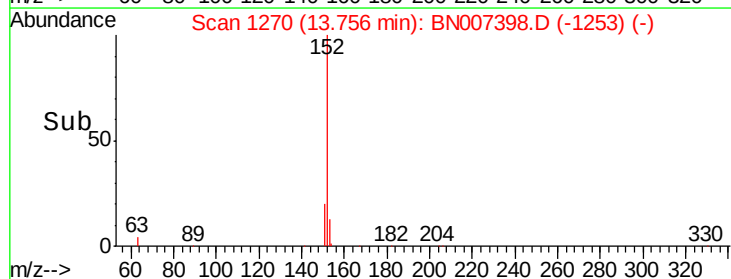
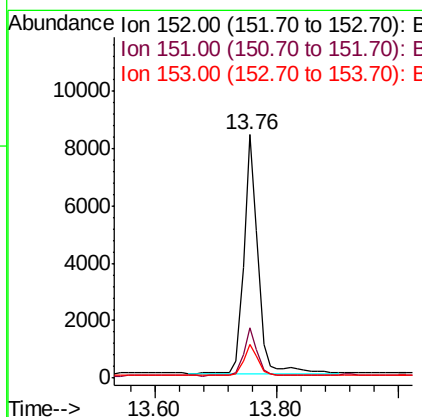
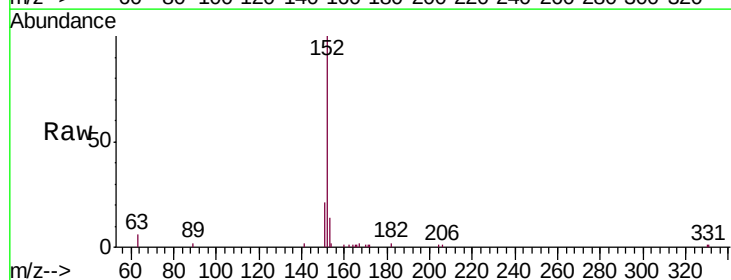
Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219MS

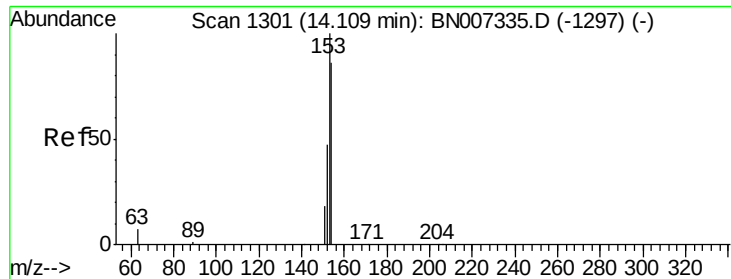
Tgt Ion:172 Resp: 8526
Ion Ratio Lower Upper
172 100
171 34.6 30.3 45.5
170 22.6 20.7 31.1



#16
Acenaphthylene
Concen: 0.303 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007398.D
Acq: 25 Aug 2019 16:38

Tgt Ion:152 Resp: 13254
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.4 10.6 15.8





#17

Acenaphthene

Concen: 0.296 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

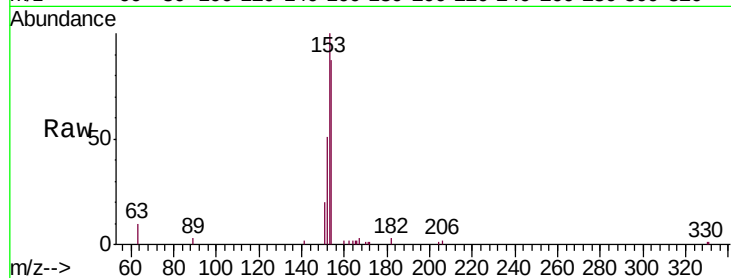
Tgt Ion:154 Resp: 7560

Ion Ratio Lower Upper

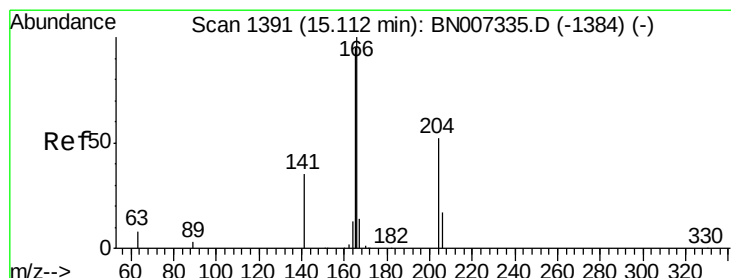
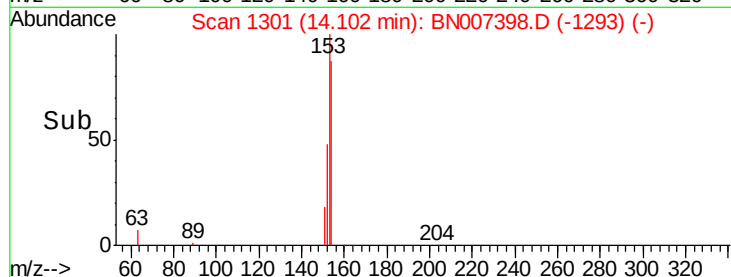
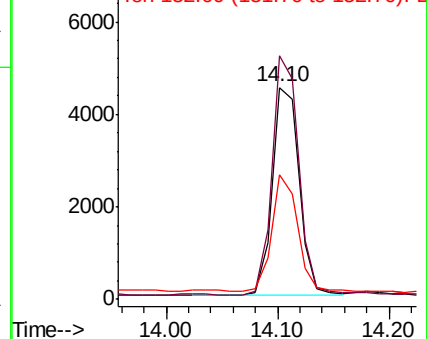
154 100

153 114.2 92.8 139.2

152 54.8 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: 0.293 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

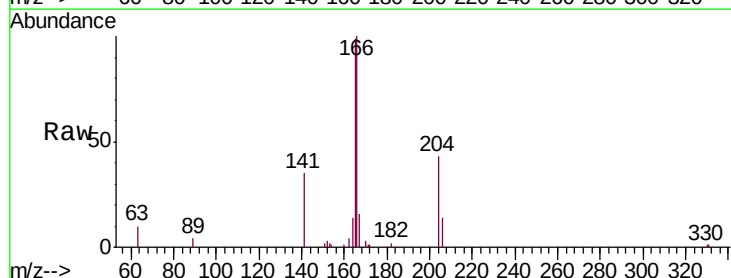
Tgt Ion:166 Resp: 9477

Ion Ratio Lower Upper

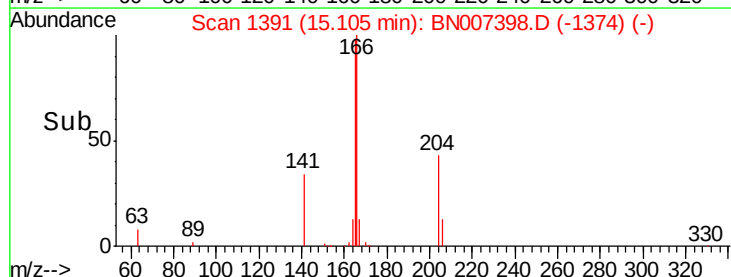
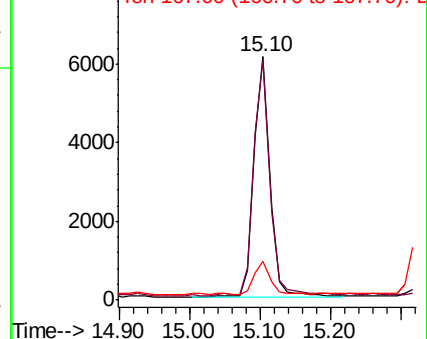
166 100

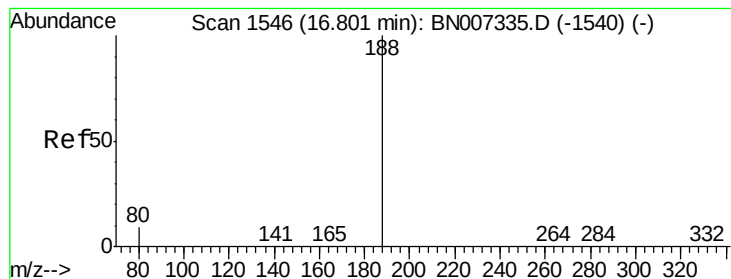
165 99.0 79.0 118.4

167 14.0 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: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

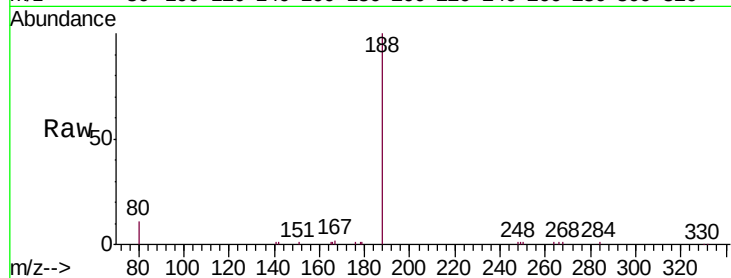
Tgt Ion:188 Resp: 16226

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

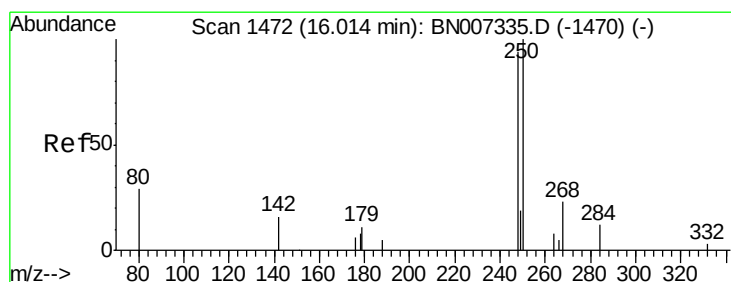
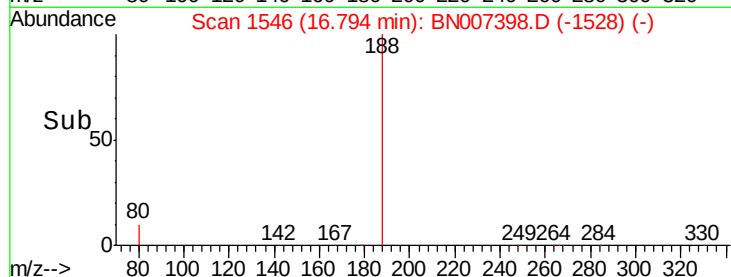
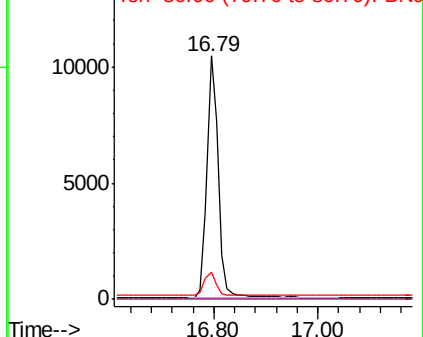
80 11.4 11.8 17.8#



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



#20

4-Bromophenyl-phenylether

Concen: 0.279 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

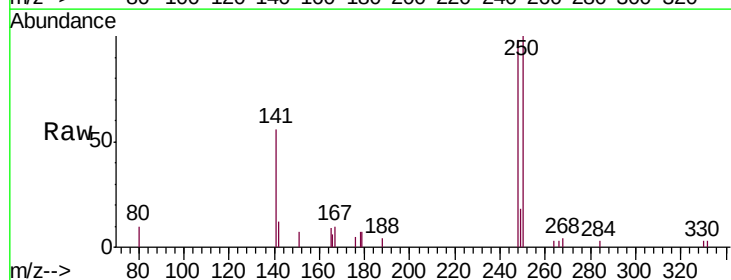
Tgt Ion:248 Resp: 1788

Ion Ratio Lower Upper

248 100

250 101.9 85.0 127.6

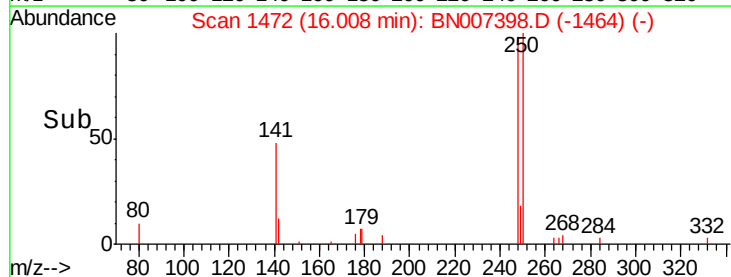
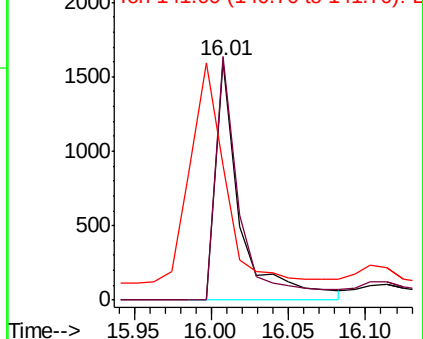
141 56.6 51.7 77.5

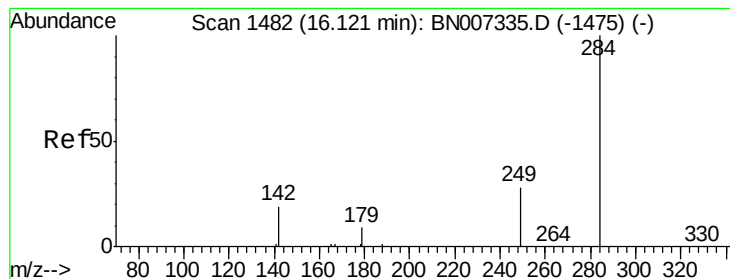


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.295 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

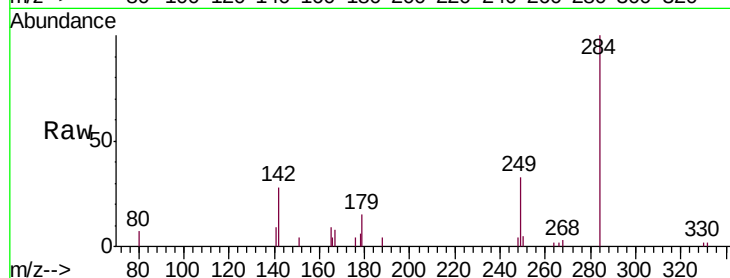
Tgt Ion:284 Resp: 3213

Ion Ratio Lower Upper

284 100

142 33.2 29.0 43.6

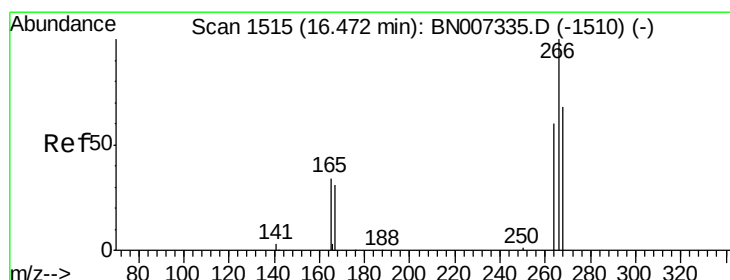
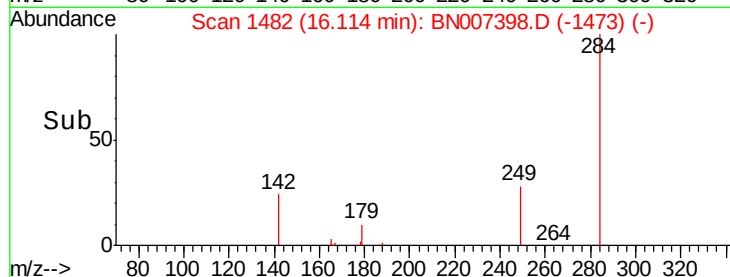
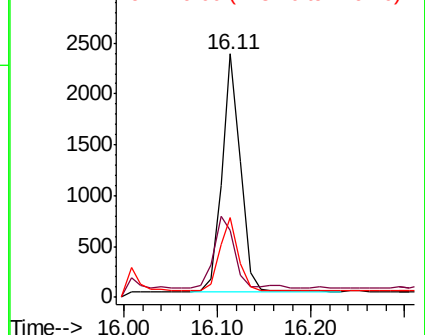
249 31.4 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.336 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

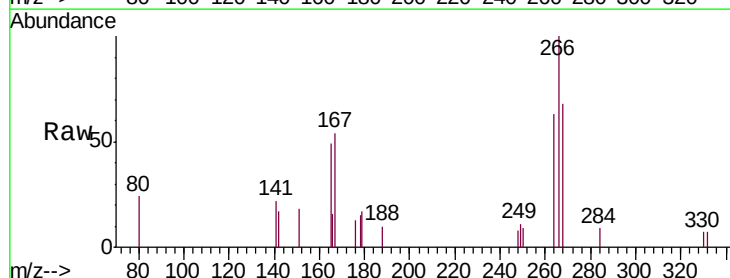
Tgt Ion:266 Resp: 1135

Ion Ratio Lower Upper

266 100

264 63.0 57.8 86.8

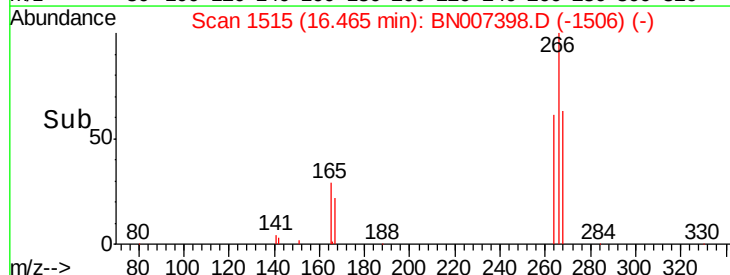
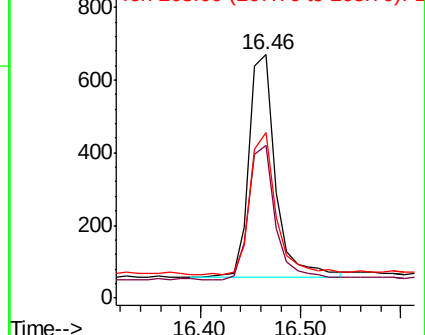
268 67.8 99.7 149.5#

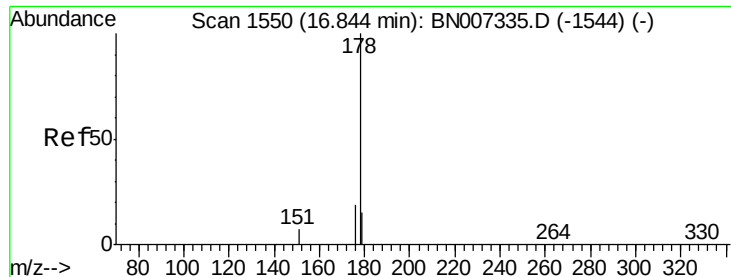


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.379 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

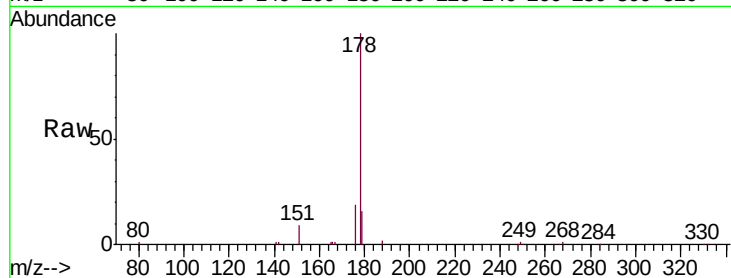
Tgt Ion:178 Resp: 18475

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

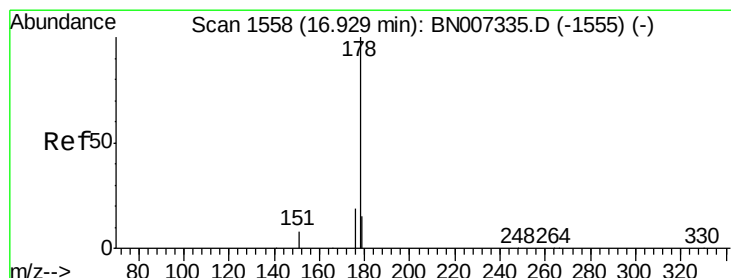
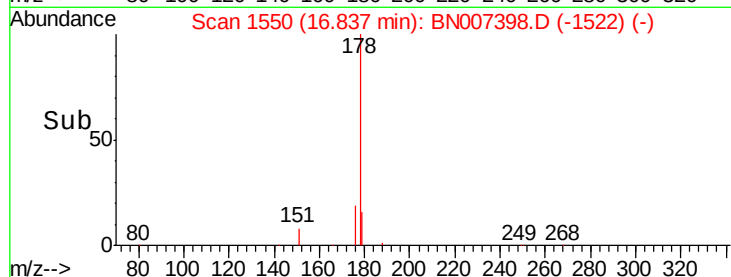
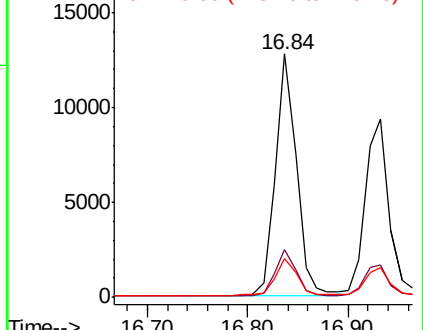
179 15.8 12.6 19.0



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: 0.312 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

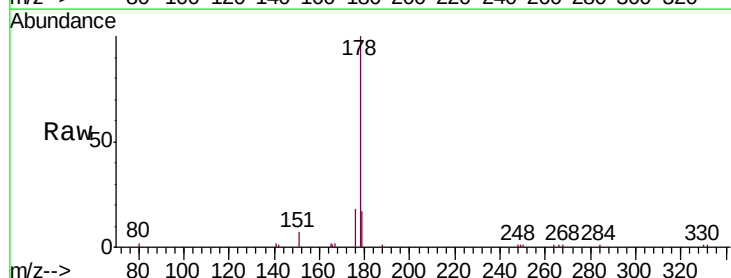
Tgt Ion:178 Resp: 15294

Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

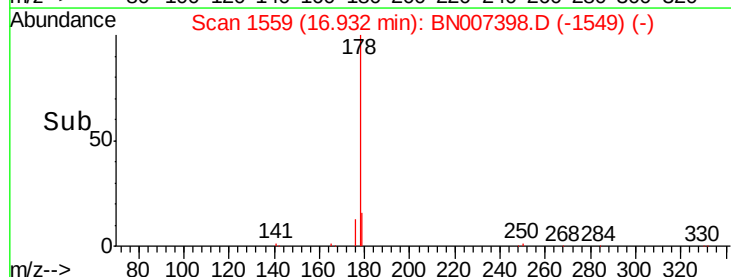
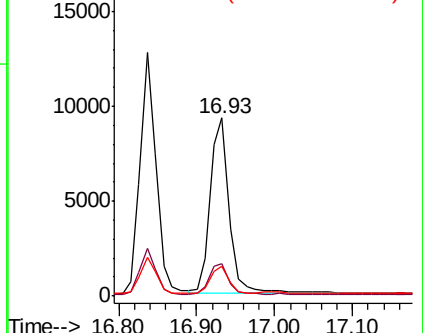
179 14.7 12.4 18.6

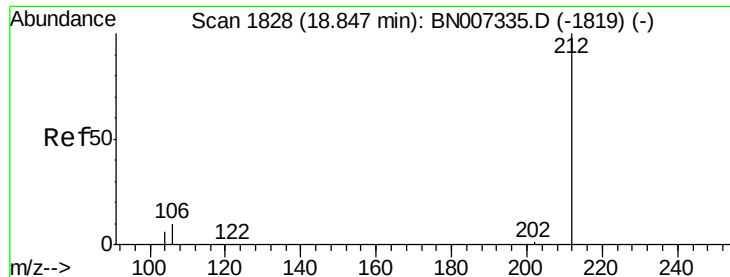


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.272 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

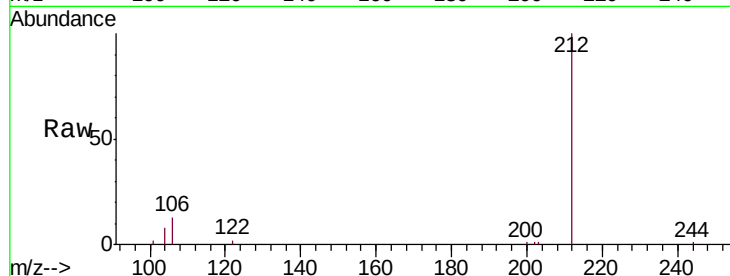
Tgt Ion:212 Resp: 14198

Ion Ratio Lower Upper

212 100

106 11.2 9.0 13.4

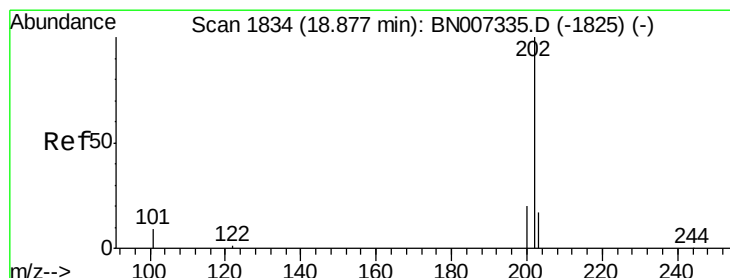
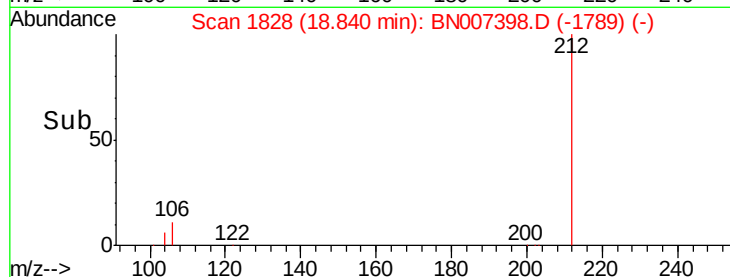
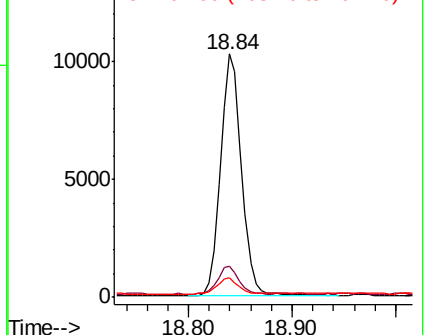
104 6.9 5.4 8.2



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: 0.429 ng

RT: 18.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

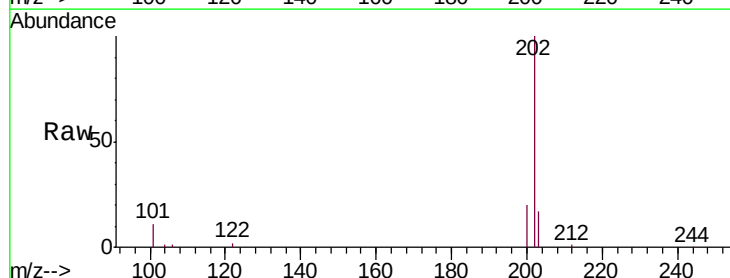
Tgt Ion:202 Resp: 26883

Ion Ratio Lower Upper

202 100

101 10.1 7.7 11.5

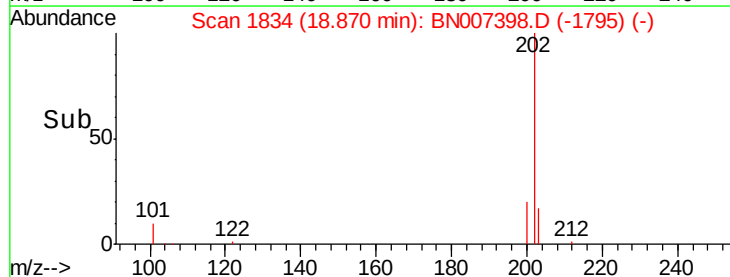
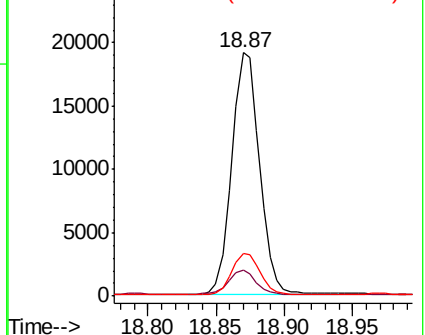
203 17.1 13.7 20.5

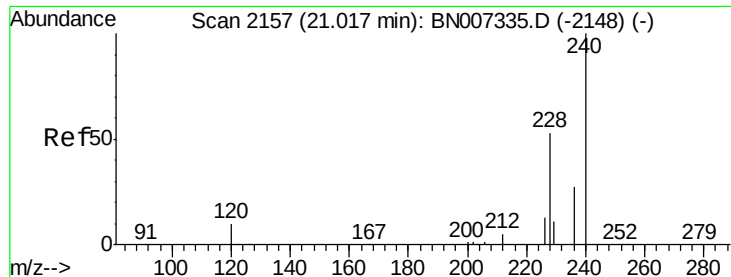


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

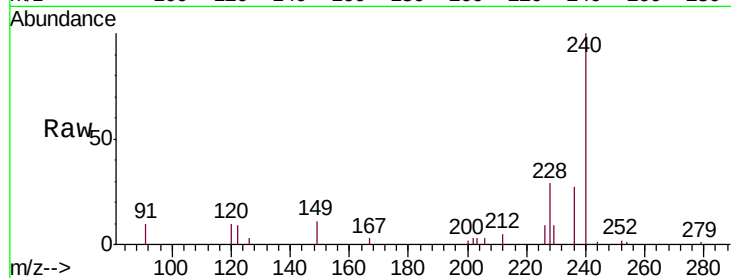
Tgt Ion:240 Resp: 16584

Ion Ratio Lower Upper

240 100

120 9.6 9.6 14.4#

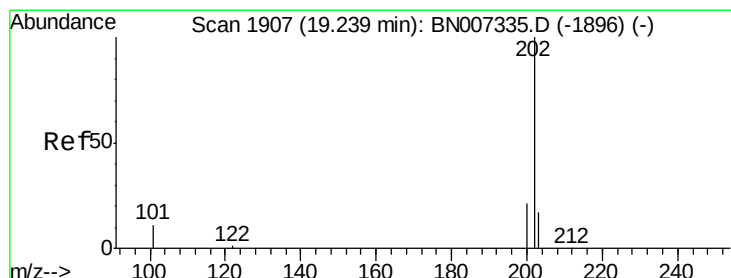
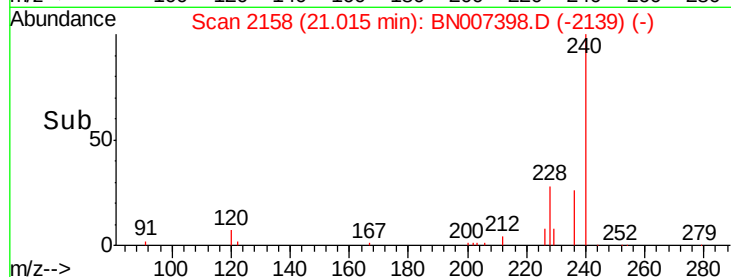
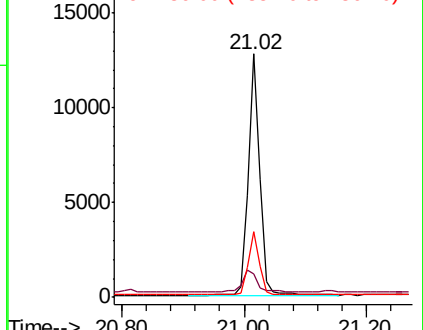
236 27.0 22.2 33.2



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: 0.429 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

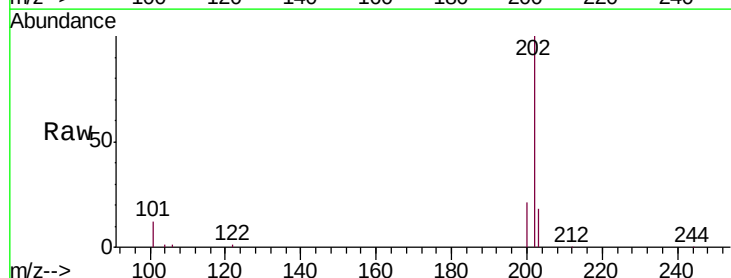
Tgt Ion:202 Resp: 28600

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

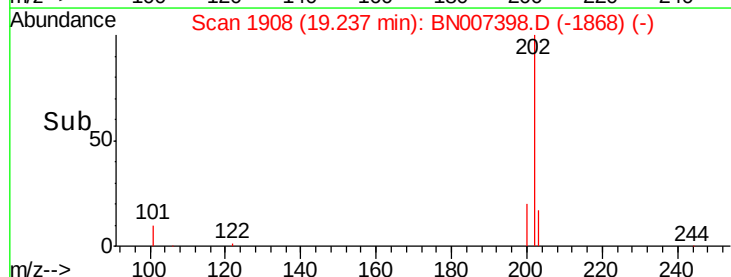
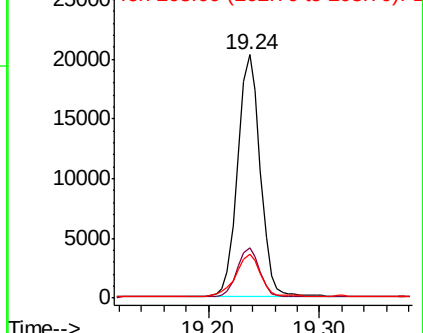
203 19.2 14.2 21.4

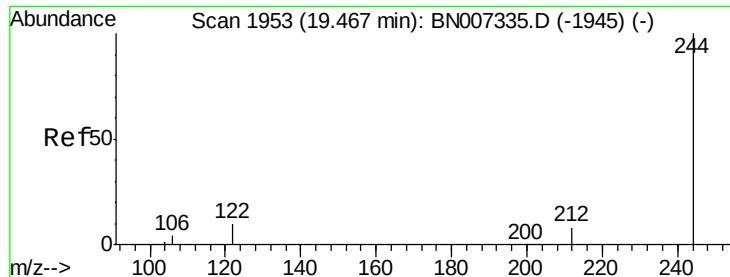


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.230 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

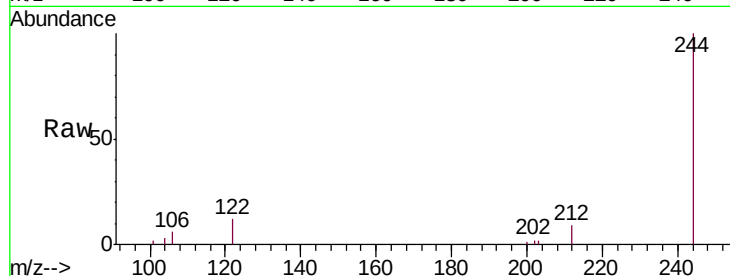
Tgt Ion:244 Resp: 9961

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

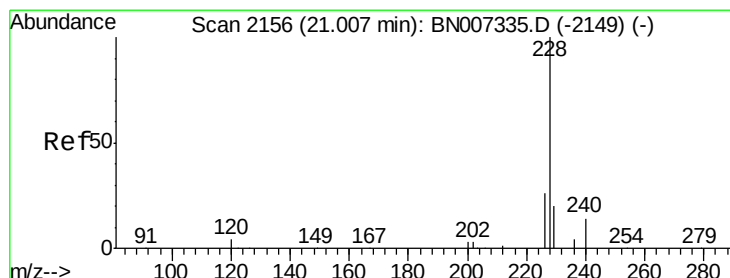
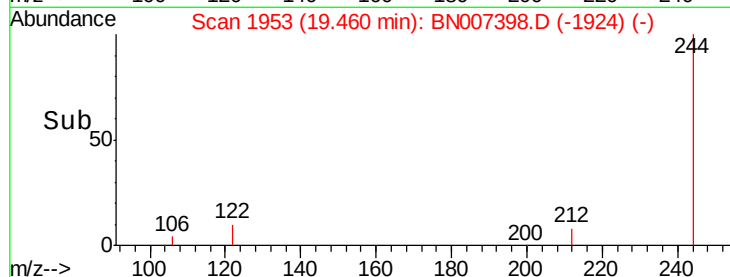
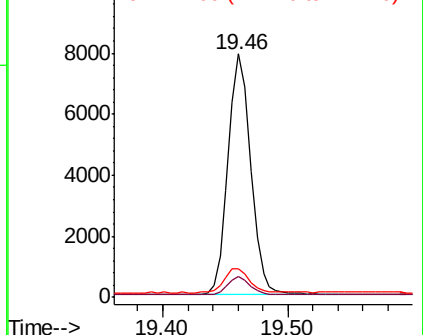
122 11.7 9.6 14.4



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: 0.383 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

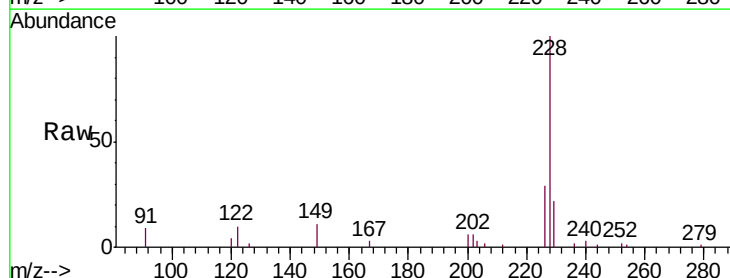
Tgt Ion:228 Resp: 24957

Ion Ratio Lower Upper

228 100

226 28.8 21.3 31.9

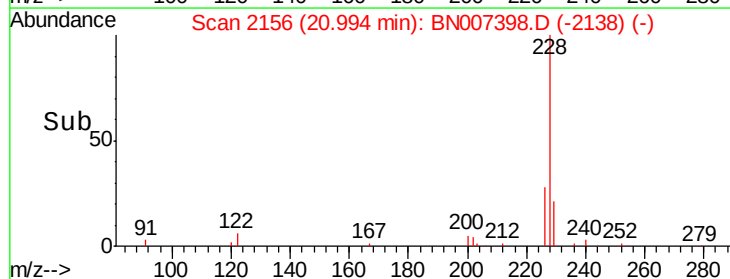
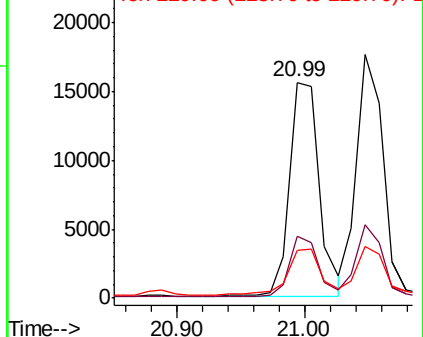
229 21.9 16.1 24.1

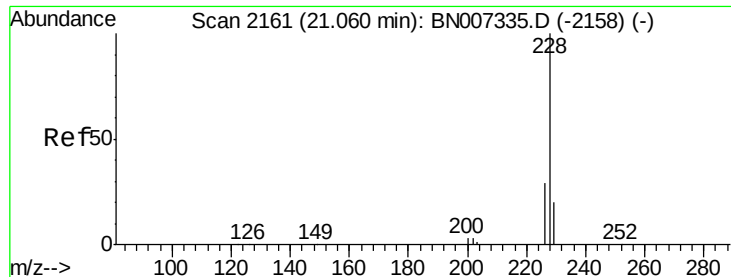


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.396 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

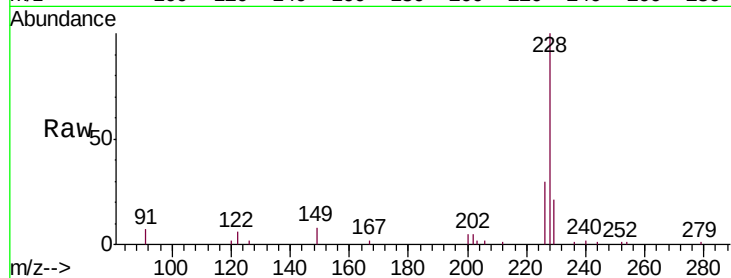
Tgt Ion:228 Resp: 24918

Ion Ratio Lower Upper

228 100

226 30.4 23.5 35.3

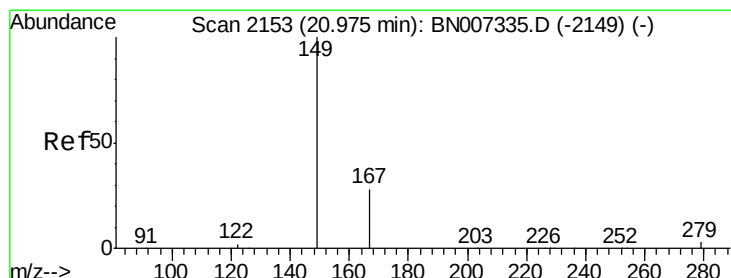
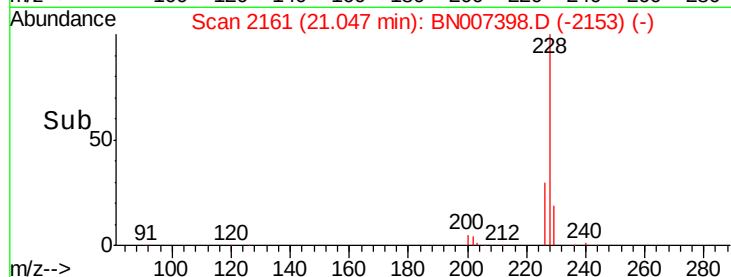
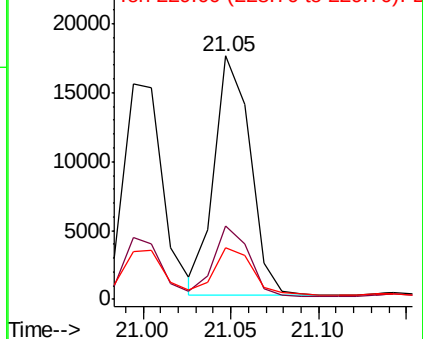
229 21.2 16.6 24.8



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: 0.352 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

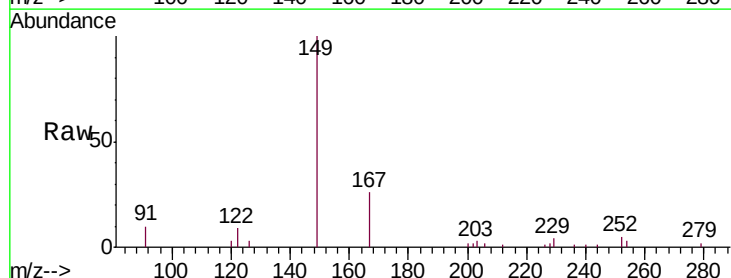
Tgt Ion:149 Resp: 15639

Ion Ratio Lower Upper

149 100

167 27.7 22.8 34.2

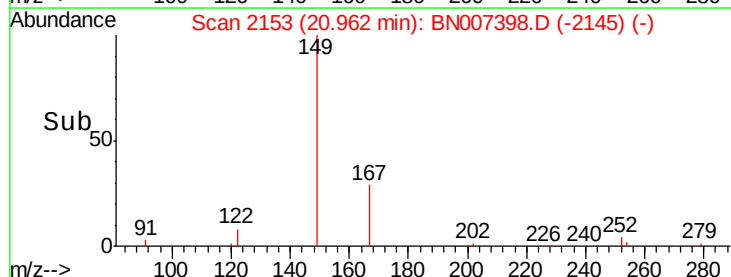
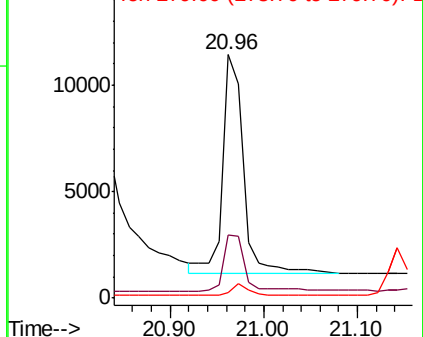
279 4.2 3.5 5.3

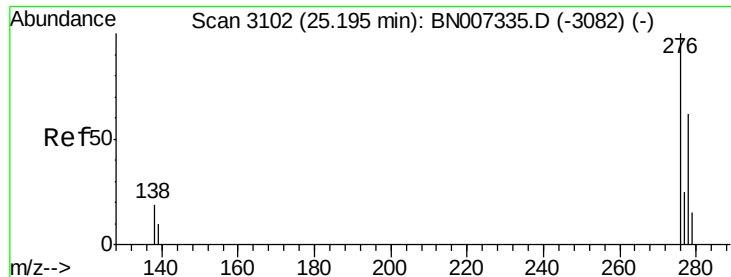


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.416 ng

RT: 25.18 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

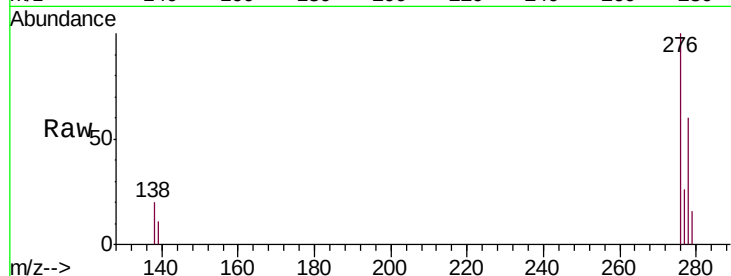
Tgt Ion:276 Resp: 31512

Ion Ratio Lower Upper

276 100

138 19.2 15.1 22.7

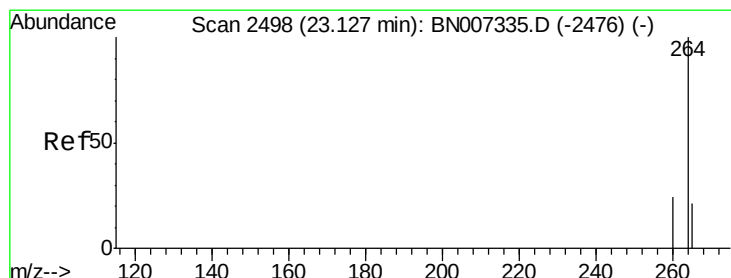
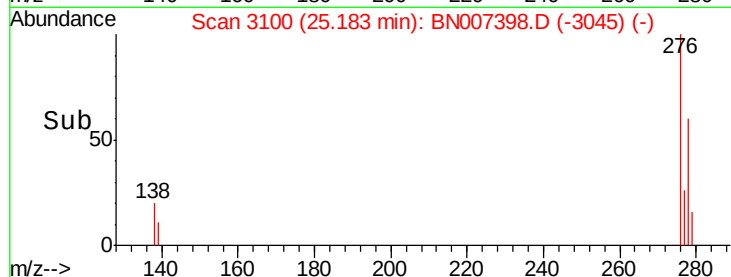
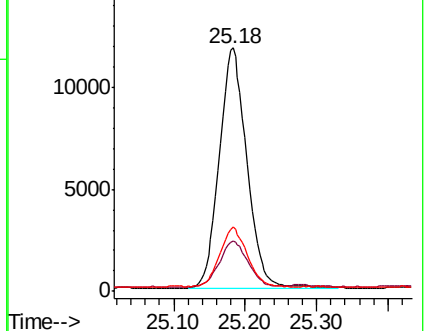
277 24.4 19.7 29.5



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# 2497

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

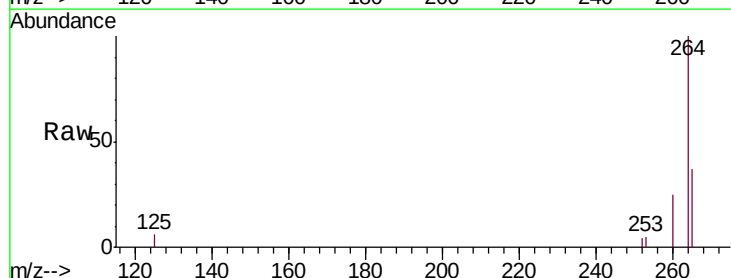
Tgt Ion:264 Resp: 19388

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

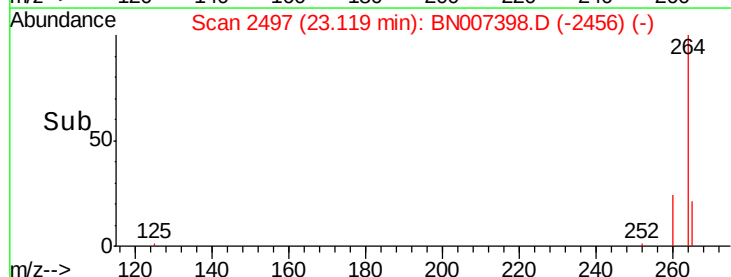
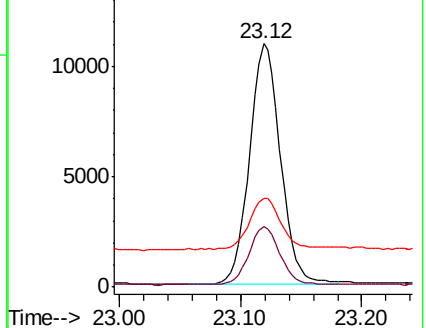
265 36.5 29.9 44.9

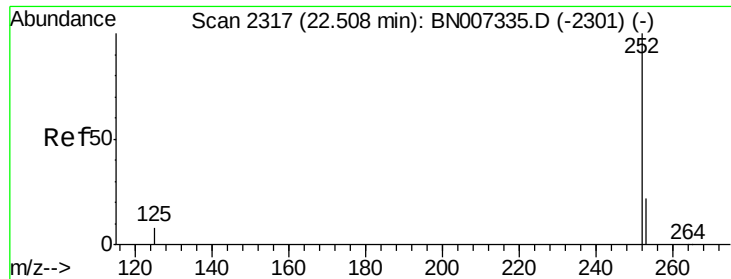


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 22.50 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

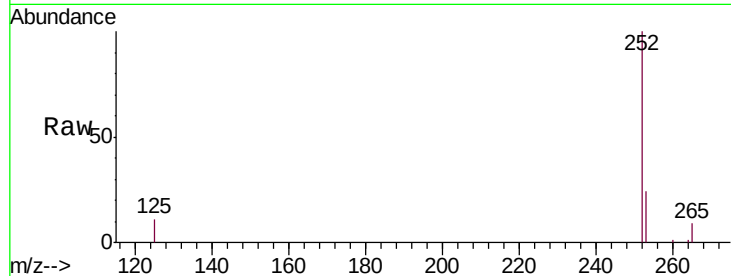
Tgt Ion:252 Resp: 28375

Ion Ratio Lower Upper

252 100

253 23.7 19.2 28.8

125 11.3 10.6 16.0

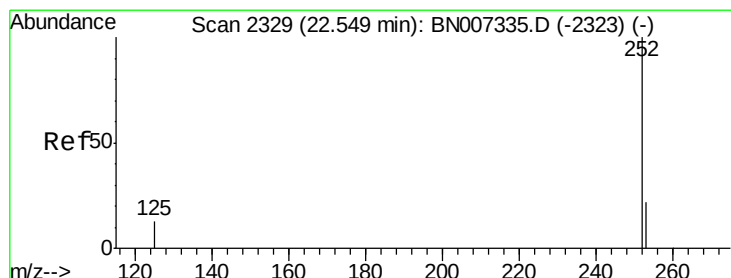
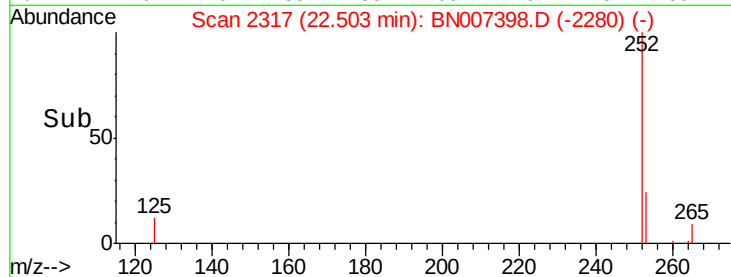
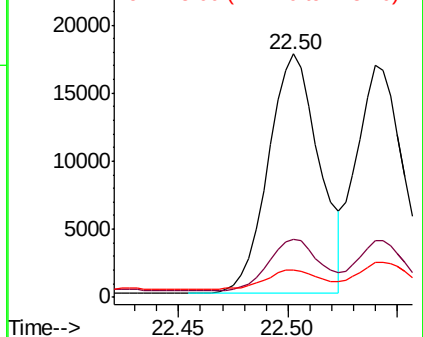


Abundance

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: 0.366 ng

RT: 22.54 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

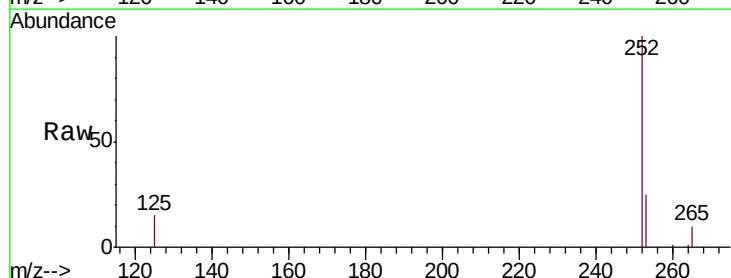
Tgt Ion:252 Resp: 25404

Ion Ratio Lower Upper

252 100

253 24.7 19.4 29.2

125 15.0 13.1 19.7

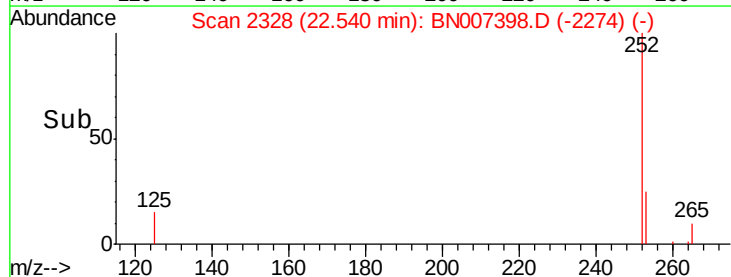
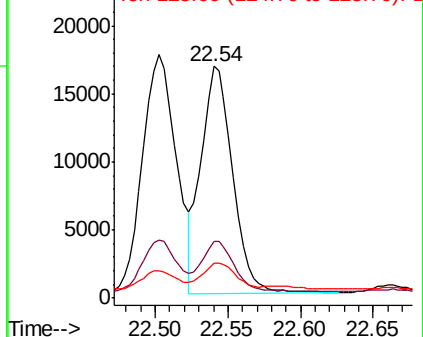


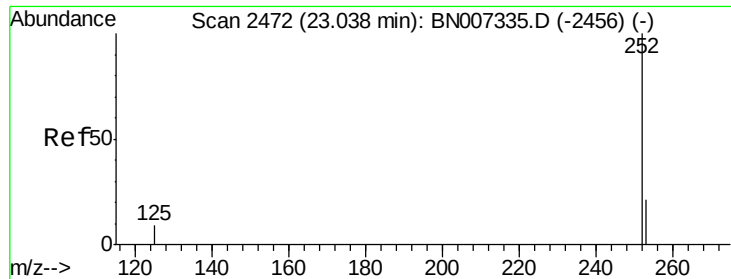
Abundance

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: 0.396 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS

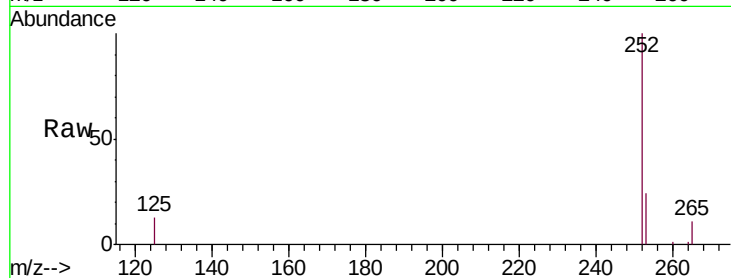
Tgt Ion:252 Resp: 26499

Ion Ratio Lower Upper

252 100

253 24.4 19.5 29.3

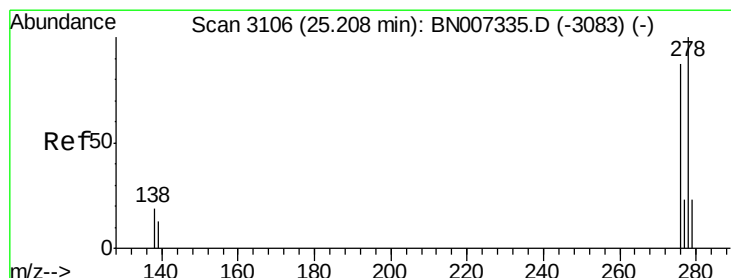
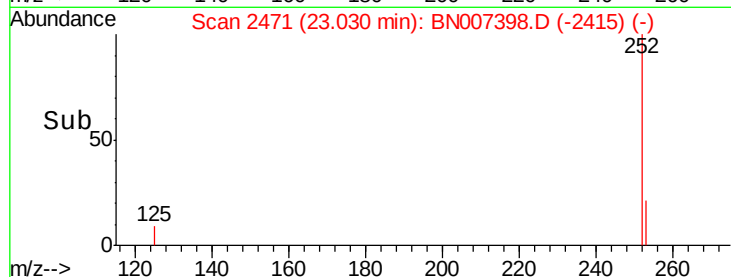
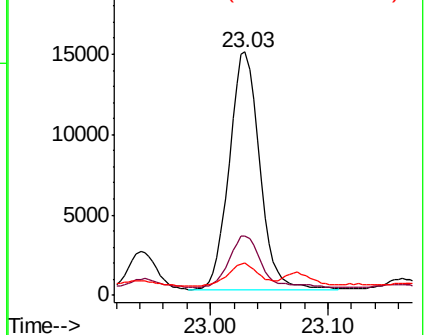
125 13.1 12.1 18.1



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: 0.351 ng

RT: 25.20 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN007398.D

Acq: 25 Aug 2019 16:38

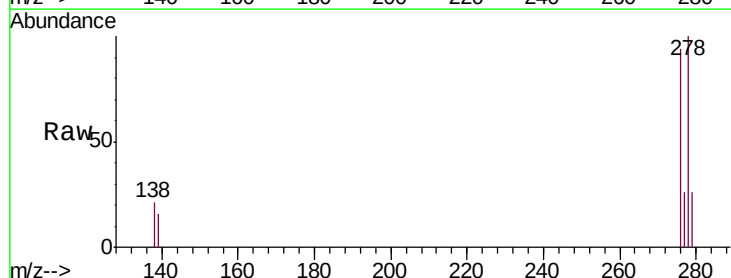
Tgt Ion:278 Resp: 23402

Ion Ratio Lower Upper

278 100

139 15.6 13.7 20.5

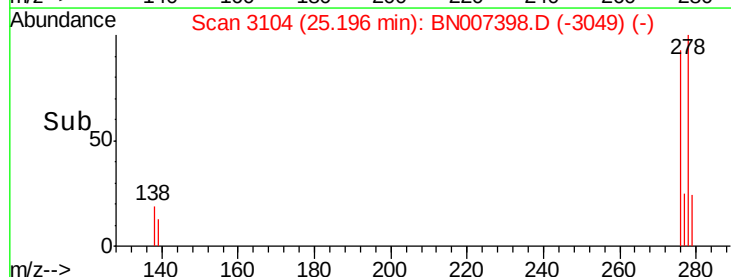
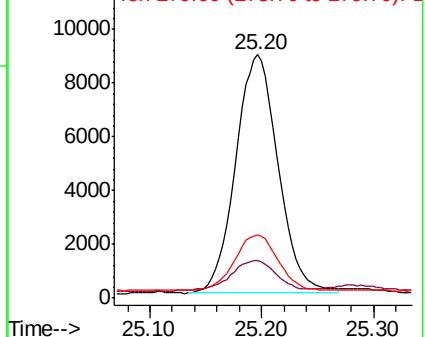
279 25.9 20.2 30.4

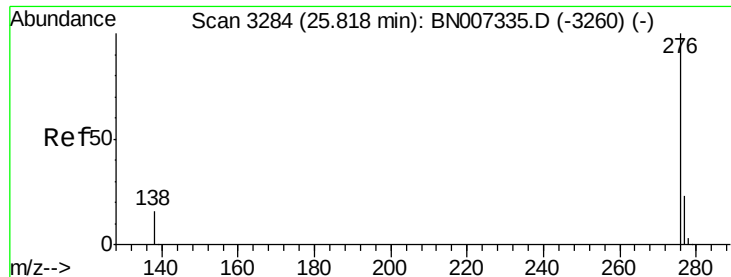


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.425 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN007398.D

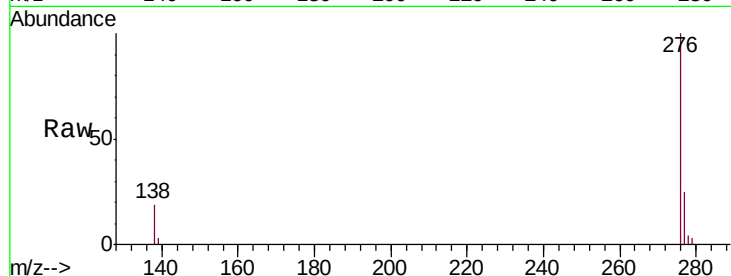
Acq: 25 Aug 2019 16:38

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219MS



Tgt Ion: 276 Resp: 28221

Ion Ratio Lower Upper

276 100

277 25.2 19.6 29.4

138 18.8 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

