

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007858.D
 Acq On : 25 Sep 2019 17:41
 Operator : JU
 Sample : PB123288BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123288BS

Quant Time: Sep 26 03:53:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7658	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	29144	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	16795	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	32920	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	27888	0.40	ng	-0.01
34) Perylene-d12	23.47	264	25912	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	7851	0.30	ng	0.00
5) Phenol-d6	6.86	99	9700	0.29	ng	0.00
8) Nitrobenzene-d5	8.82	82	9093	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	20445	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	1927	0.21	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	29113	0.42	ng	-0.01
25) Fluoranthene-d10	19.09	212	38752	0.35	ng	-0.02
29) Terphenyl-d14	19.70	244	32458	0.47	ng	-0.01

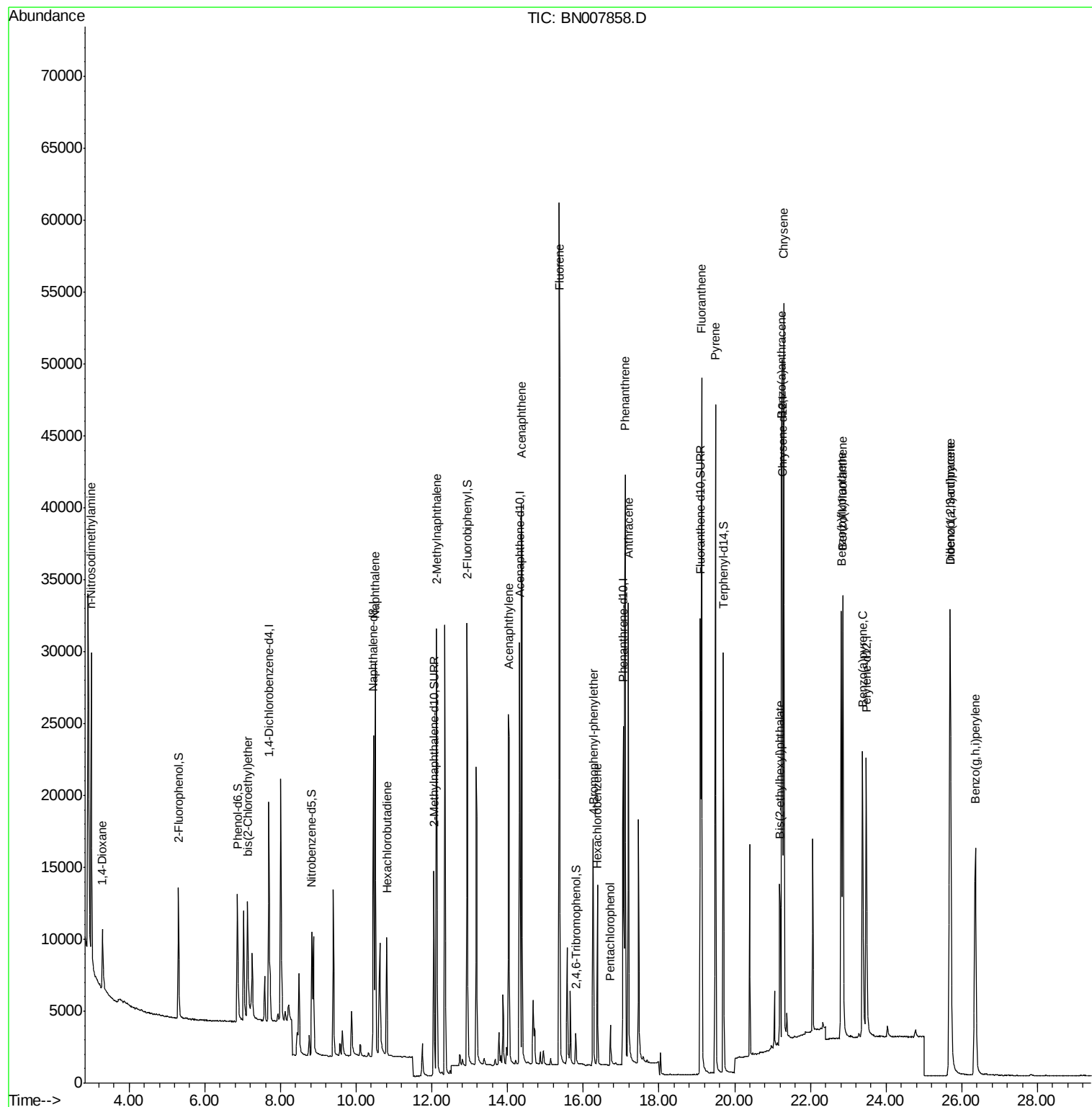
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	3511	0.411	ng	# 80
3) n-Nitrosodimethylamine	3.00	42	2496	0.638	ng	95
6) bis(2-Chloroethyl)ether	7.13	93	8717	0.402	ng	96
9) Naphthalene	10.51	128	34765	0.425	ng	100
10) Hexachlorobutadiene	10.81	225	7340	0.426	ng	# 100
12) 2-Methylnaphthalene	12.13	142	23218	0.420	ng	100
16) Acenaphthylene	14.02	152	31782	0.357	ng	100
17) Acenaphthene	14.37	154	21709	0.378	ng	96
18) Fluorene	15.36	166	27306	0.371	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	9001	0.450	ng	99
21) Hexachlorobenzene	16.38	284	10185	0.466	ng	98
22) Pentachlorophenol	16.72	266	1925	0.239	ng	98
23) Phenanthrene	17.10	178	43663	0.426	ng	100
24) Anthracene	17.19	178	35985	0.389	ng	100
26) Fluoranthene	19.12	202	45888	0.360	ng	100
28) Pyrene	19.49	202	44708	0.470	ng	100
30) Benzo(a)anthracene	21.24	228	36812	0.358	ng	100
31) Chrysene	21.29	228	42621	0.426	ng	100
32) Bis(2-ethylhexyl)phthalate	21.19	149	11292	0.214	ng	99
33) Indeno(1,2,3-cd)pyrene	25.69	276	41975	0.335	ng	99
35) Benzo(b)fluoranthene	22.81	252	37436	0.416	ng	100
36) Benzo(k)fluoranthene	22.85	252	41384	0.465	ng	100
37) Benzo(a)pyrene	23.38	252	32568	0.385	ng	98
38) Dibenzo(a,h)anthracene	25.70	278	33841	0.391	ng	99
39) Benzo(g,h,i)perylene	26.36	276	34571	0.404	ng	99

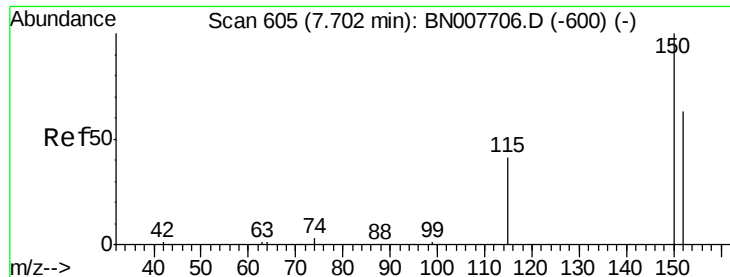
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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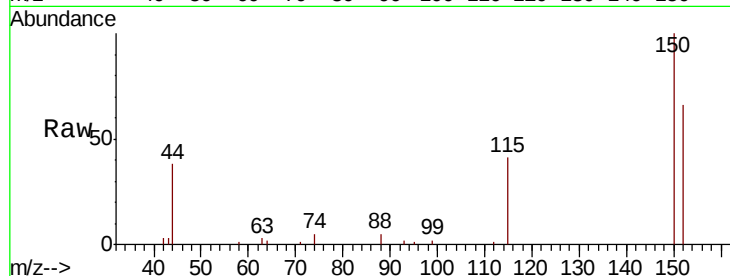


#1

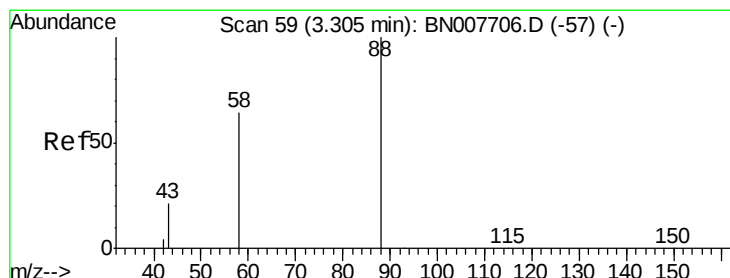
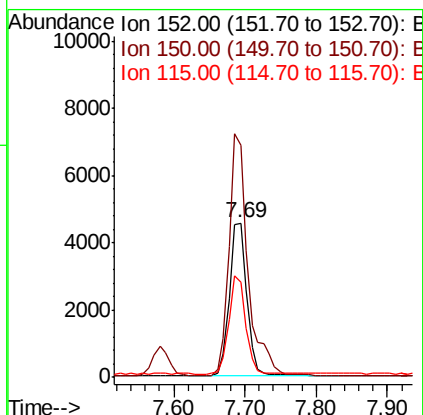
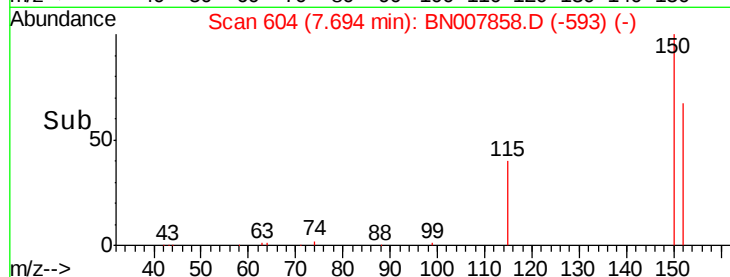
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007858.D
Acq: 25 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
PB123288BS

Tot Ion:152 Resp: 7658
Ion Ratio Lower Upper
152 100
150 150.5 125.6 188.4
115 61.3 53.3 79.9



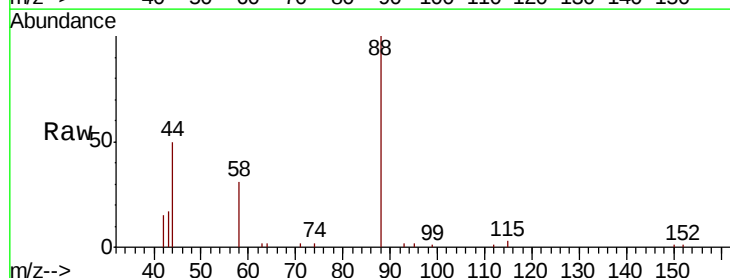
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



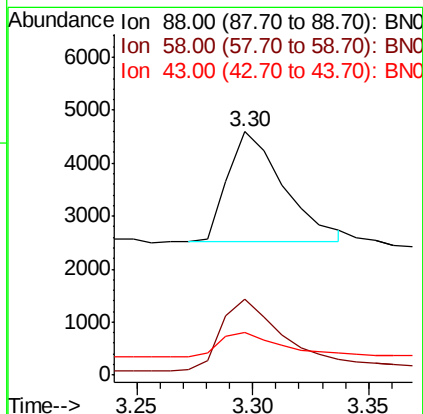
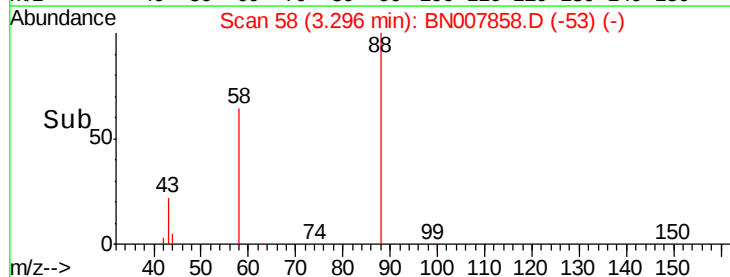
#2

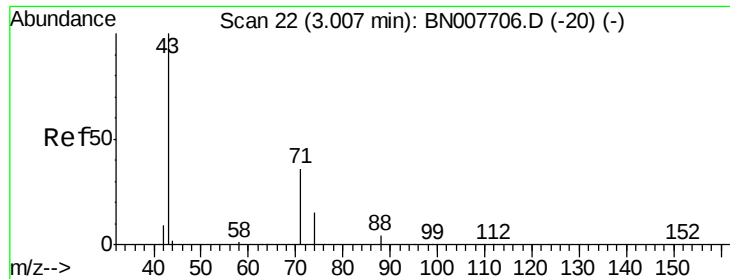
1,4-Dioxane
Concen: 0.411 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007858.D
Acq: 25 Sep 2019 17:41

Tgt Ion: 88 Resp: 3511
Ion Ratio Lower Upper
88 100
58 71.5 44.6 66.8#
43 23.8 14.4 21.6#



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

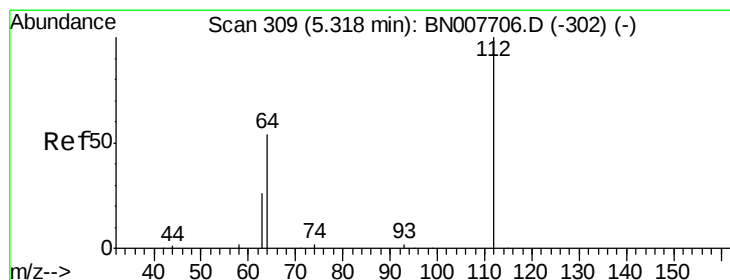
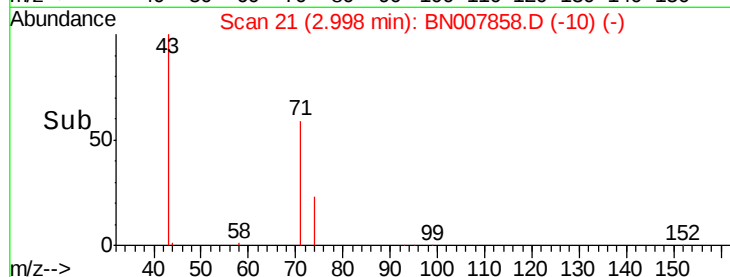
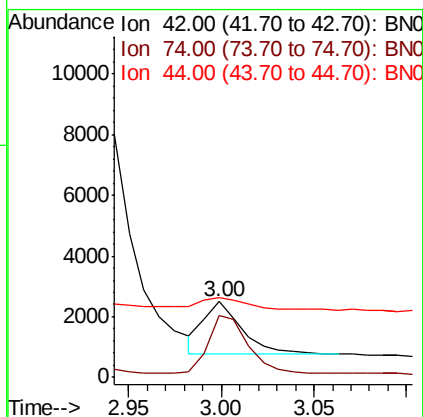
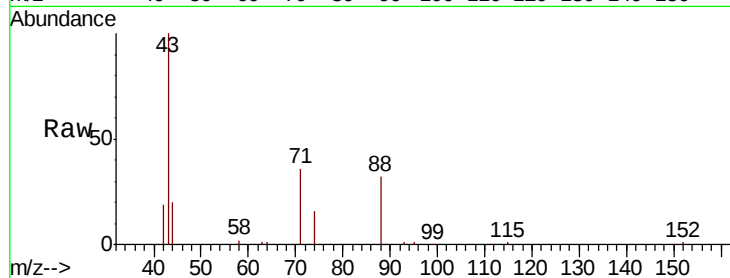




#3
n-Nitrosodimethylamine
Concen: 0.638 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007858.D
Acq: 25 Sep 2019 17:41

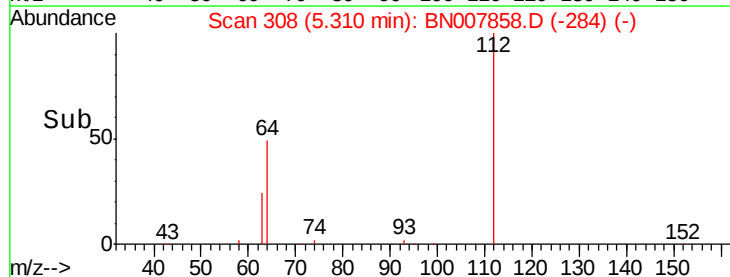
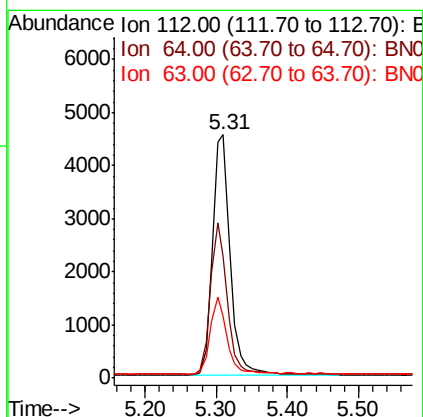
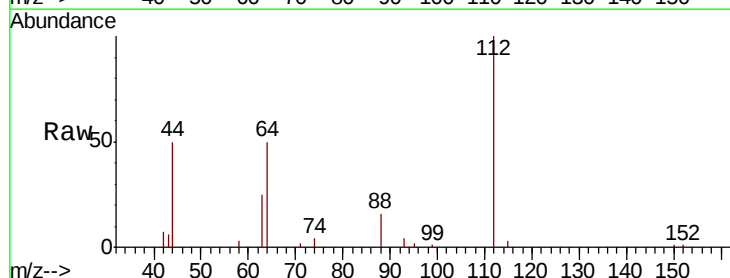
Instrument :
BNA_N
ClientSampleId :
PB123288BS

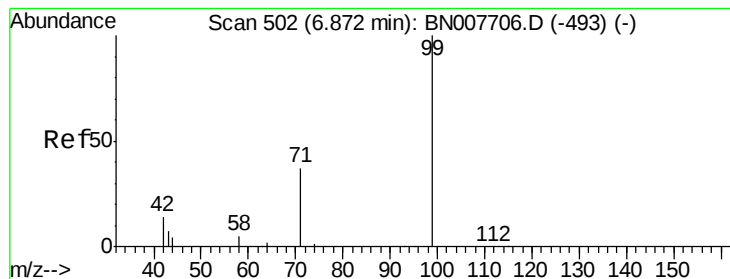
Tot Ion: 42 Resp: 2496
Ion Ratio Lower Upper
42 100
74 113.7 87.9 131.9
44 32.3 29.4 44.0



#4
2-Fluorophenol
Concen: 0.298 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007858.D
Acq: 25 Sep 2019 17:41

Tgt Ion: 112 Resp: 7851
Ion Ratio Lower Upper
112 100
64 59.6 46.6 70.0
63 29.9 23.1 34.7





#5

Phenol-d6

Concen: 0.294 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

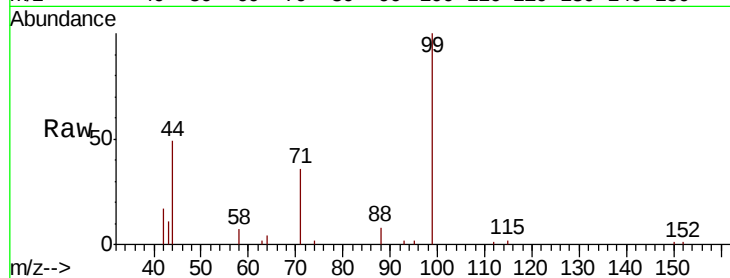
Tot Ion: 99 Resp: 9700

Ion Ratio Lower Upper

99 100

42 14.8 12.8 19.2

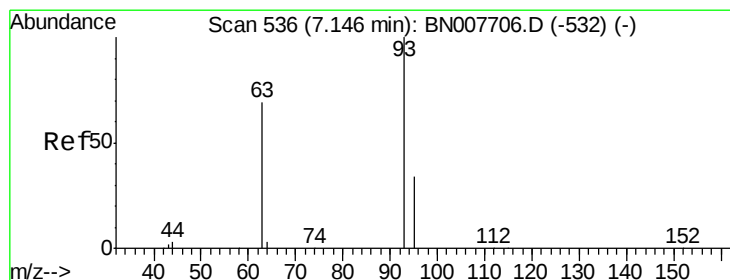
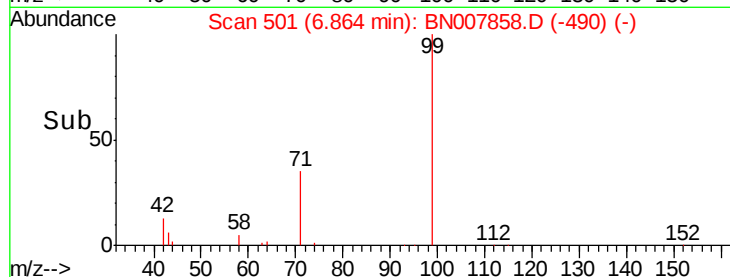
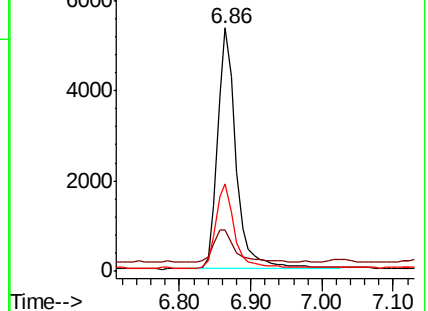
71 35.1 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

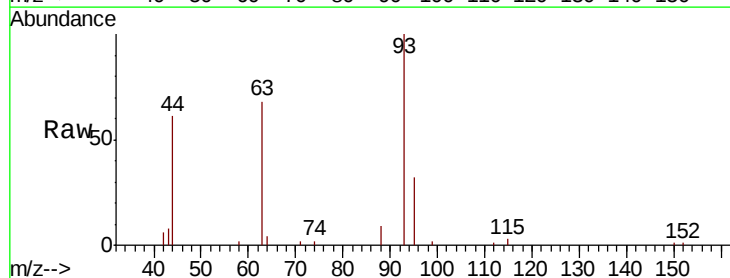
Tgt Ion: 93 Resp: 8717

Ion Ratio Lower Upper

93 100

63 76.8 59.3 88.9

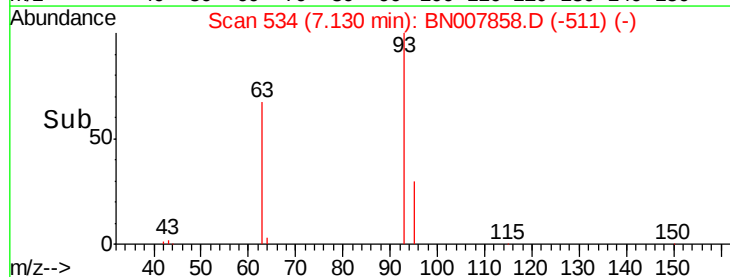
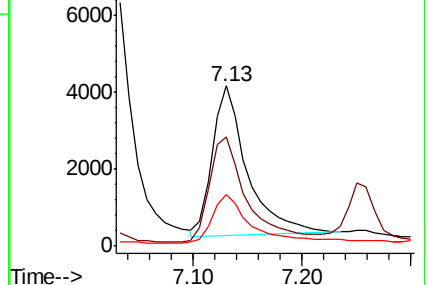
95 36.7 31.4 47.0

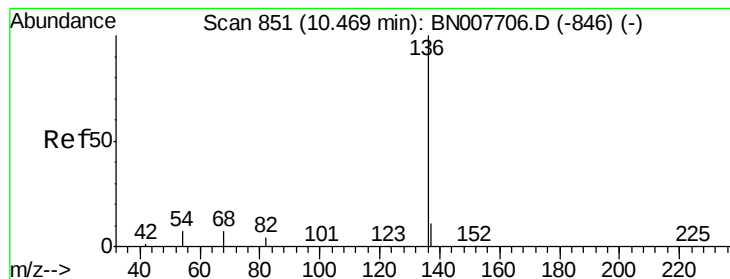


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

Tot Ion:136 Resp: 29144

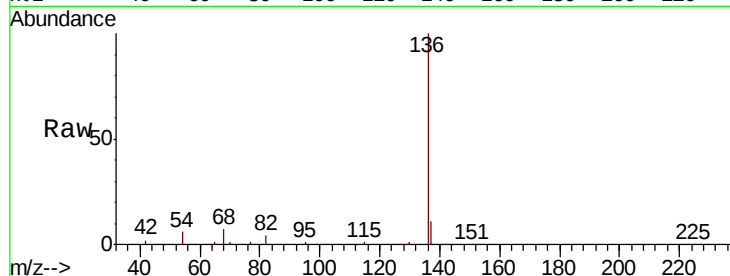
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.4 5.8 8.8

68 6.9 6.5 9.7

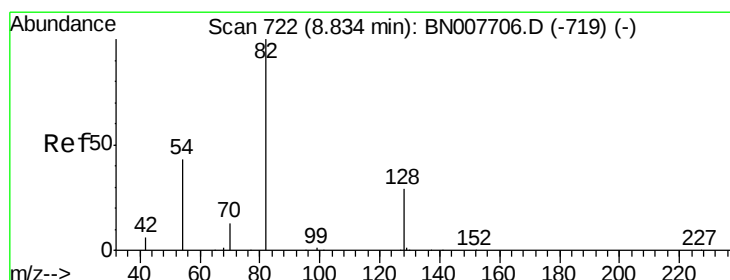
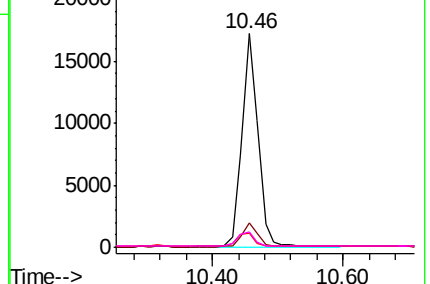
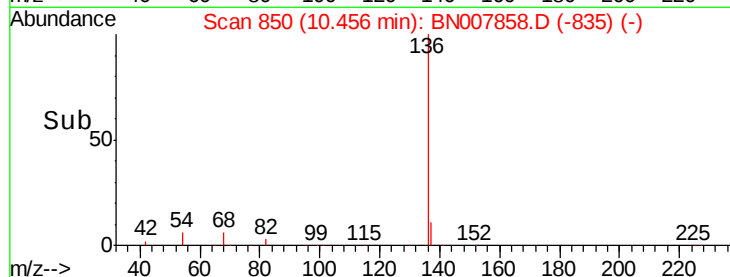


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.357 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

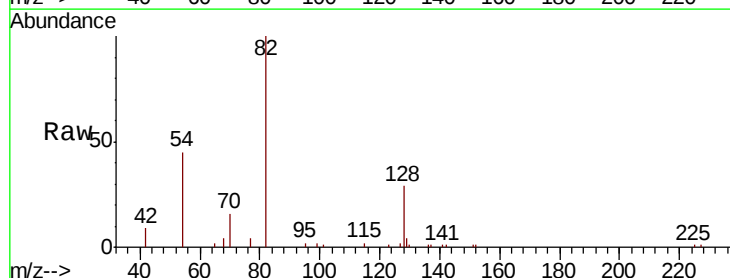
Tgt Ion: 82 Resp: 9093

Ion Ratio Lower Upper

82 100

128 29.4 24.5 36.7

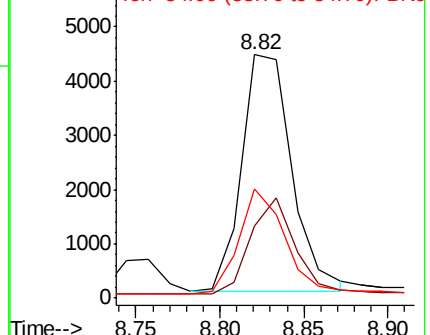
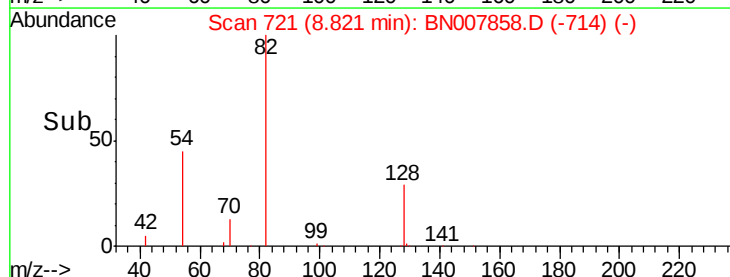
54 45.0 35.2 52.8

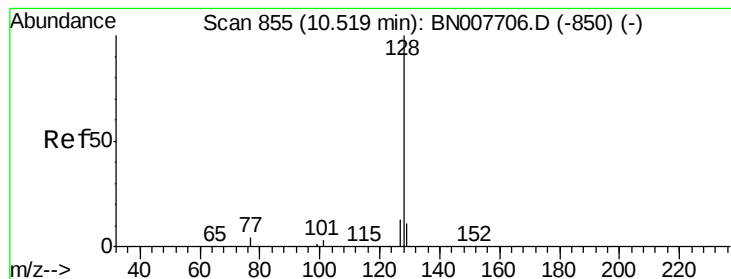


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.425 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

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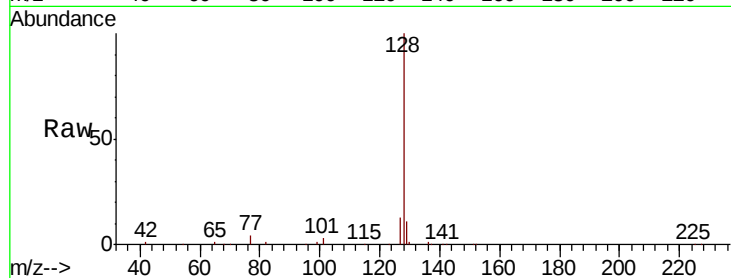
Tot Ion:128 Resp: 34765

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

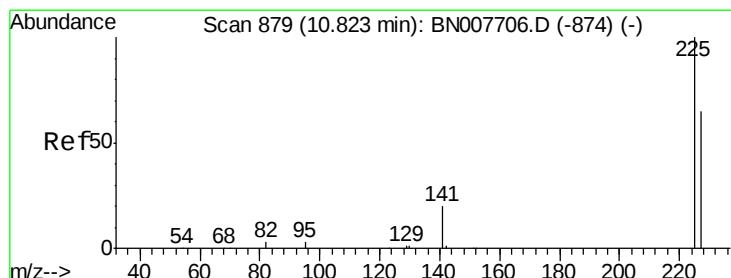
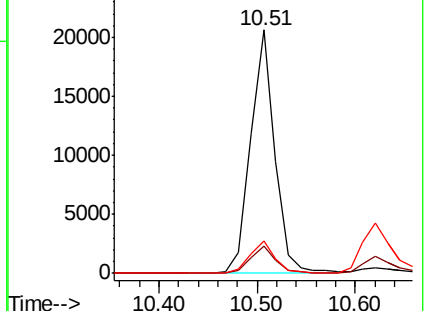
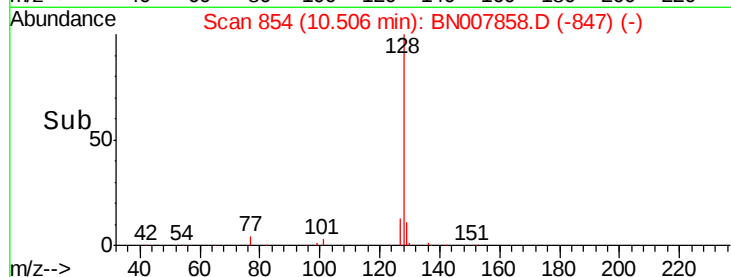
127 13.3 10.6 15.8



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: 0.426 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

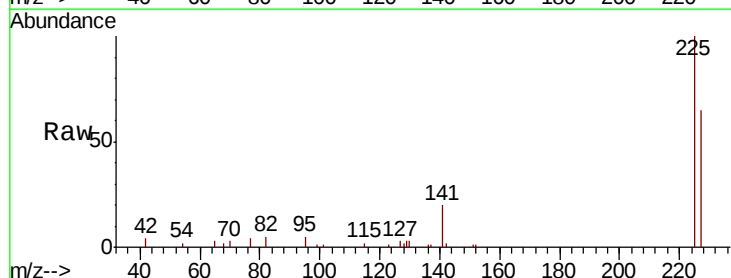
Tgt Ion:225 Resp: 7340

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

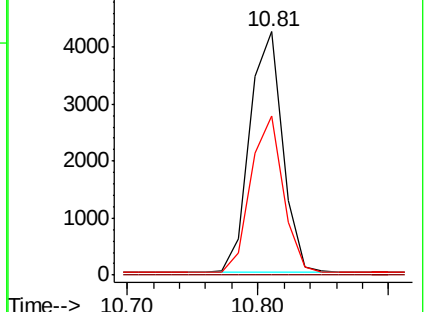
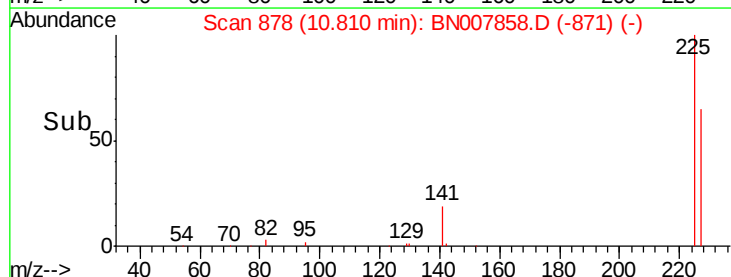
227 64.1 51.2 76.8

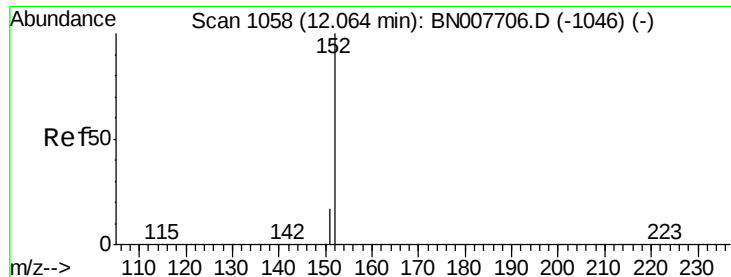


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

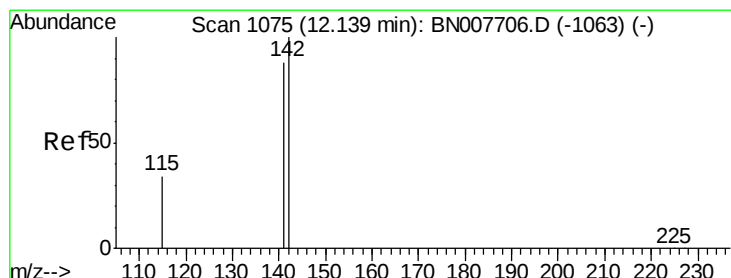
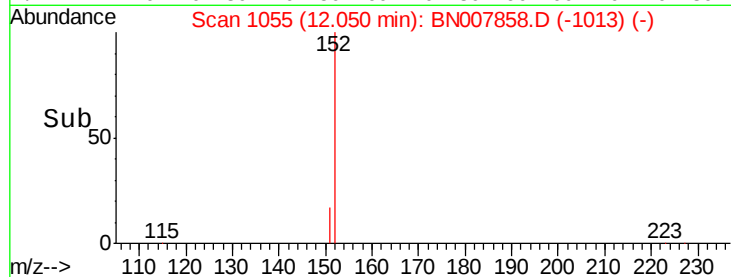
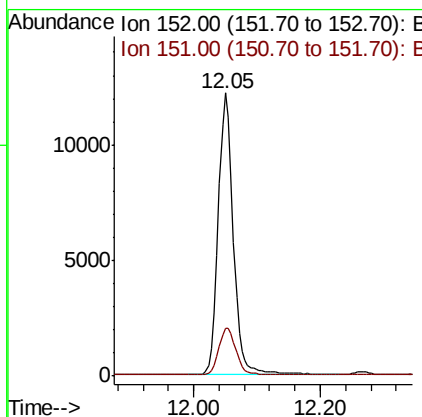
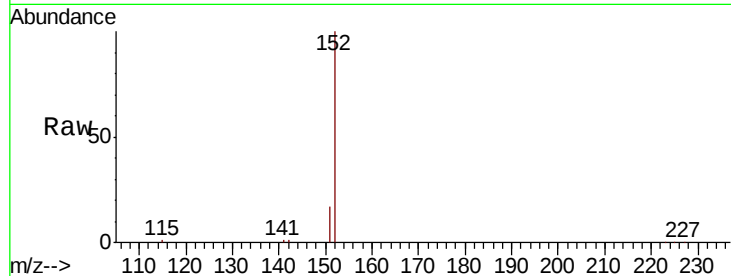




#11
 2-Methylnaphthalene-d10
 Concen: 0.416 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007858.D
 Acq: 25 Sep 2019 17:41

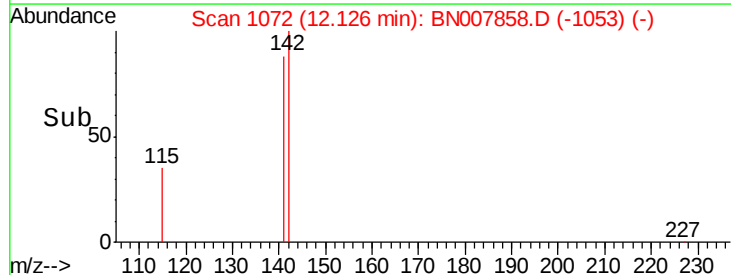
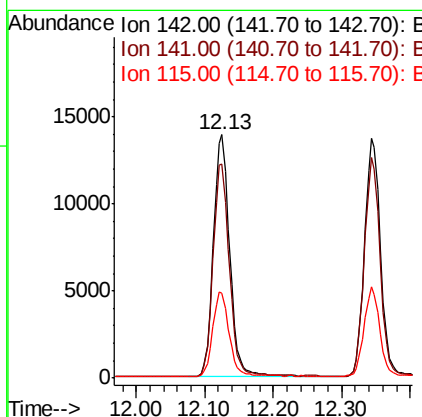
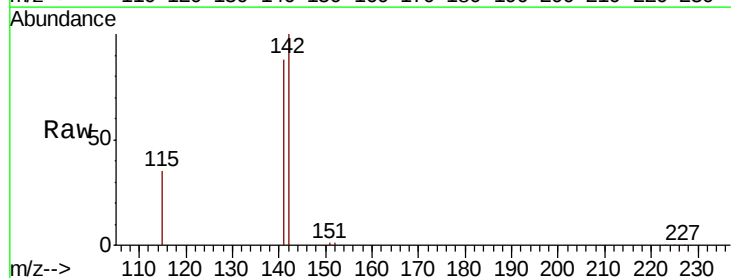
Instrument :
 BNA_N
 ClientSampleId :
 PB123288BS

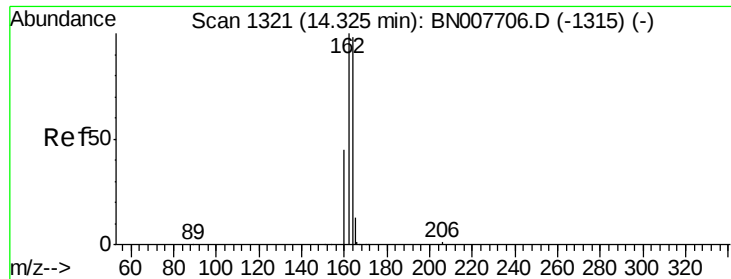
Tot Ion:152 Resp: 20445
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.420 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007858.D
 Acq: 25 Sep 2019 17:41

Tgt Ion:142 Resp: 23218
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.6 106.0
 115 35.1 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

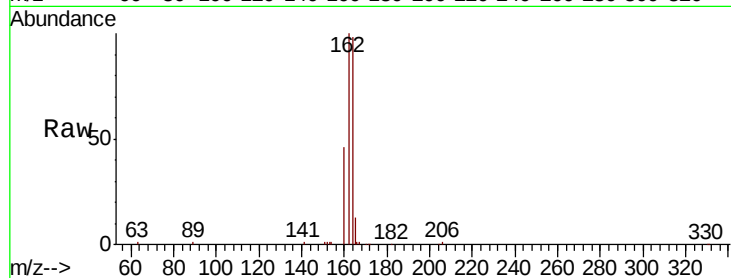
Tot Ion:164 Resp: 16795

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

160 46.3 37.0 55.4

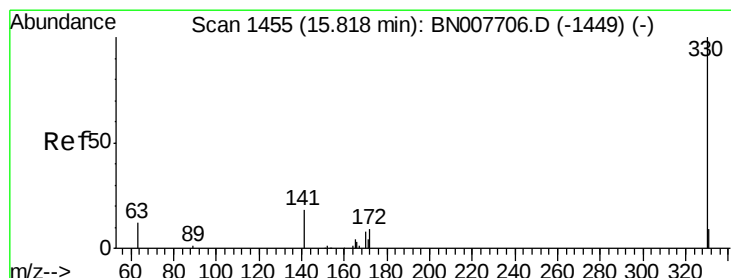
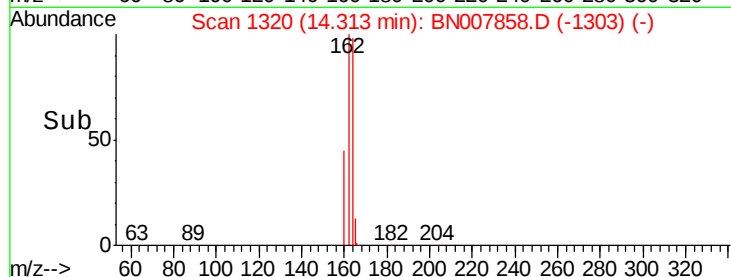
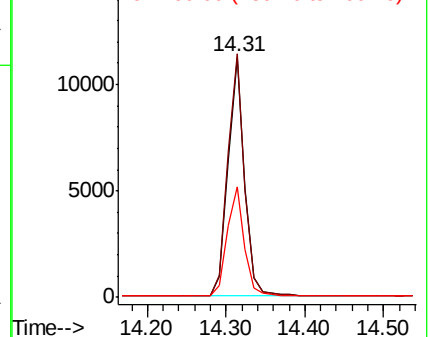


Abundance

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: 0.211 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

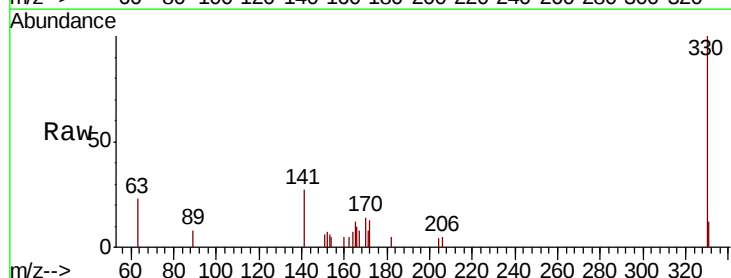
Tgt Ion:330 Resp: 1927

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.2 28.7 43.1

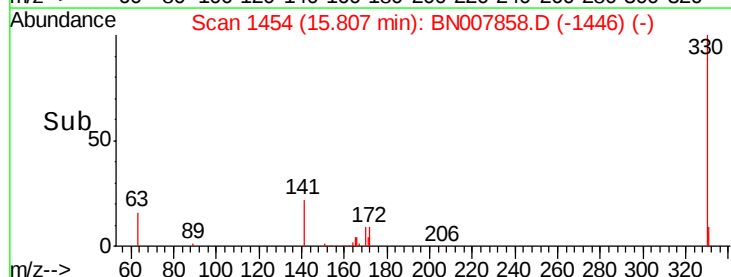
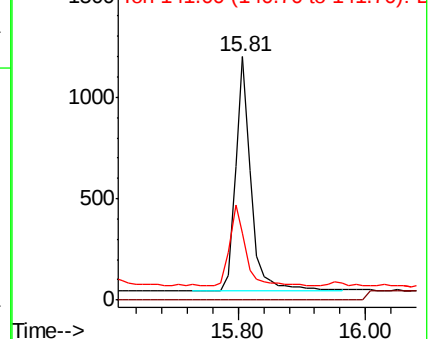


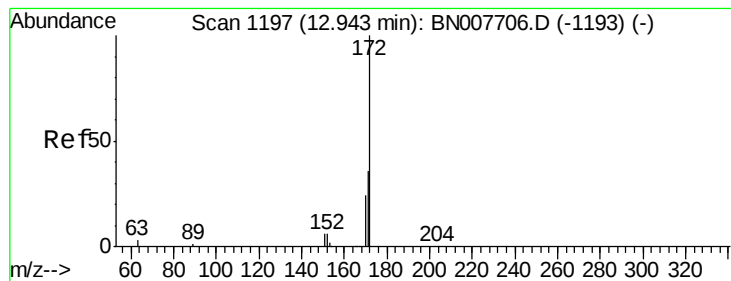
Abundance

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: 0.421 ng

RT: 12.93 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

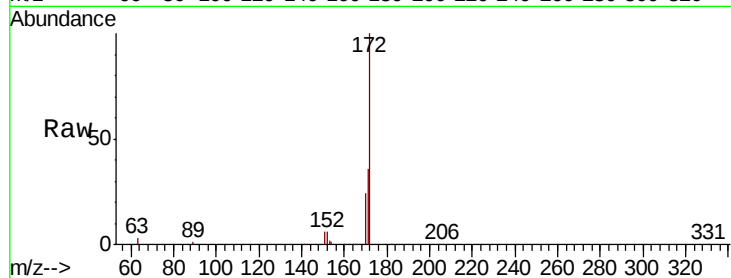
Tot Ion:172 Resp: 29113

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

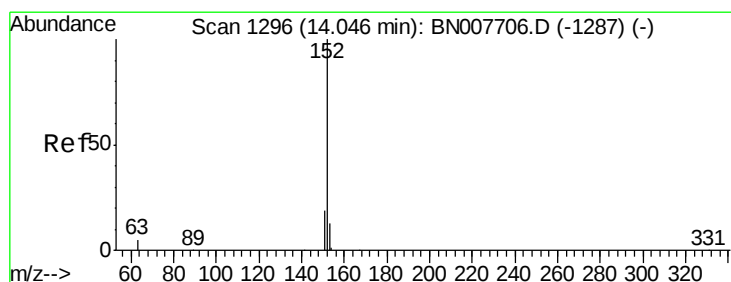
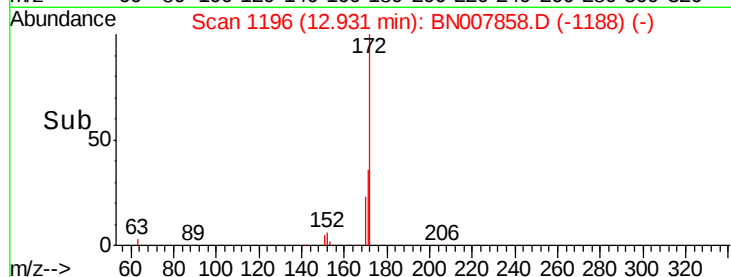
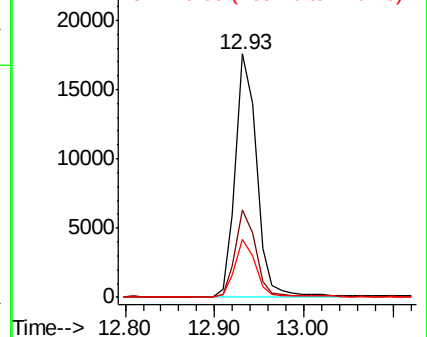
170 23.6 19.5 29.3



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: 0.357 ng

RT: 14.02 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

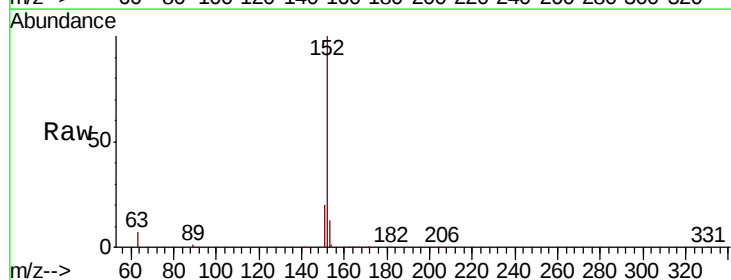
Tgt Ion:152 Resp: 31782

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3

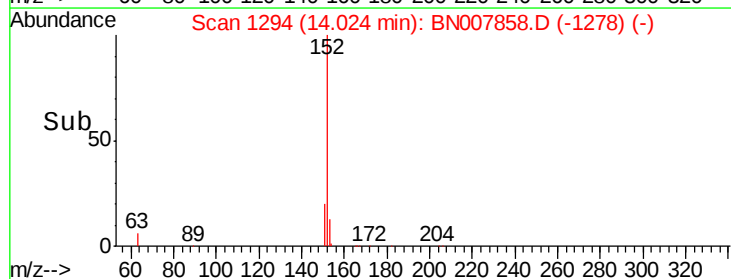
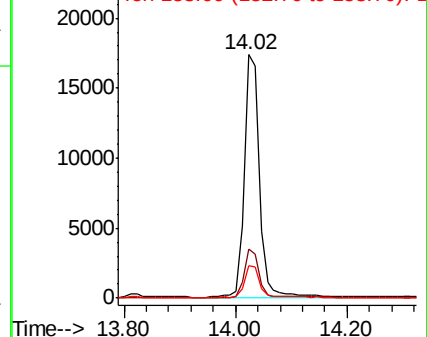
153 13.2 10.4 15.6

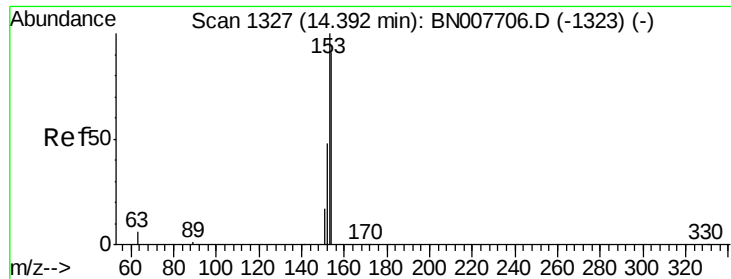


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.378 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

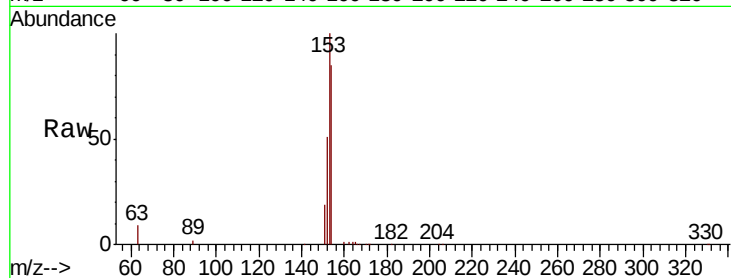
Tot Ion:154 Resp: 21709

Ion Ratio Lower Upper

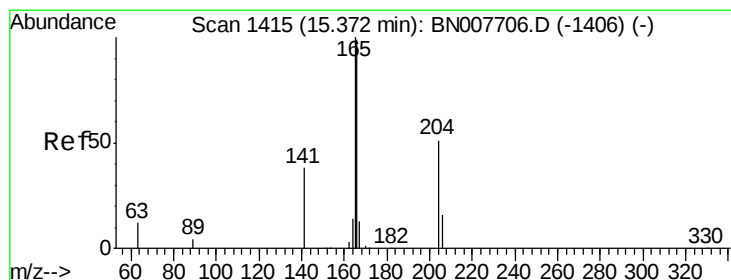
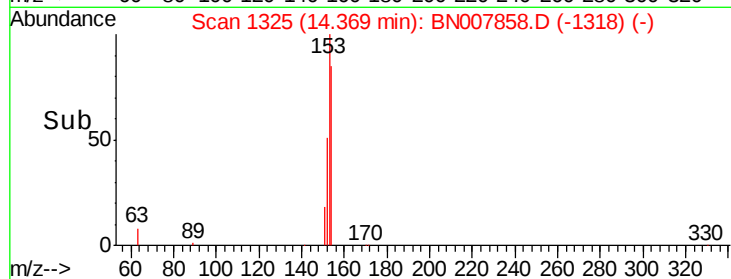
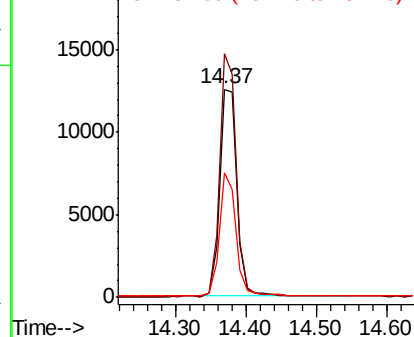
154 100

153 112.9 87.0 130.4

152 56.7 42.7 64.1



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: 0.371 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

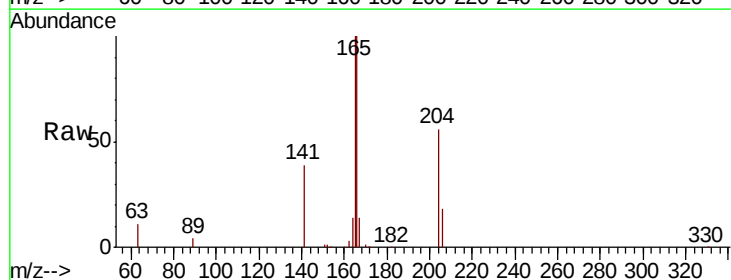
Tgt Ion:166 Resp: 27306

Ion Ratio Lower Upper

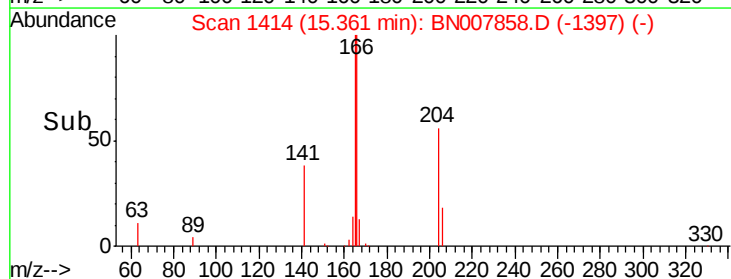
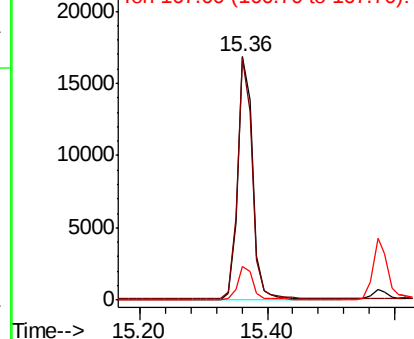
166 100

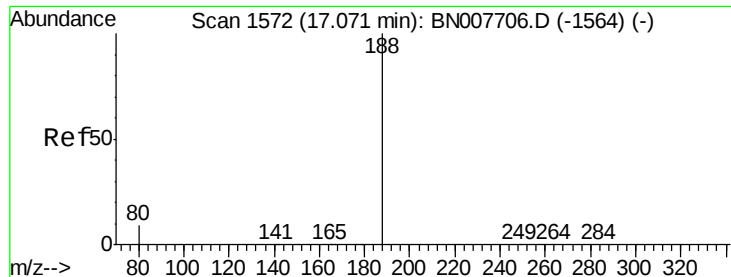
165 97.9 78.0 117.0

167 13.6 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

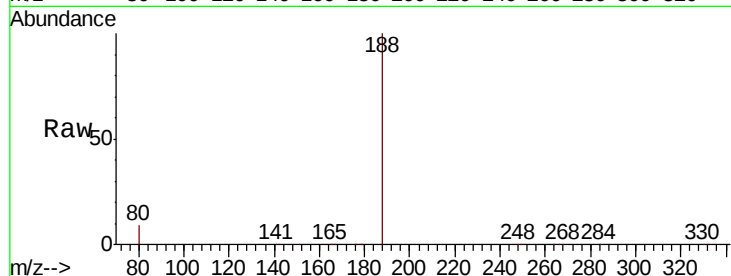
Tot Ion:188 Resp: 32920

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

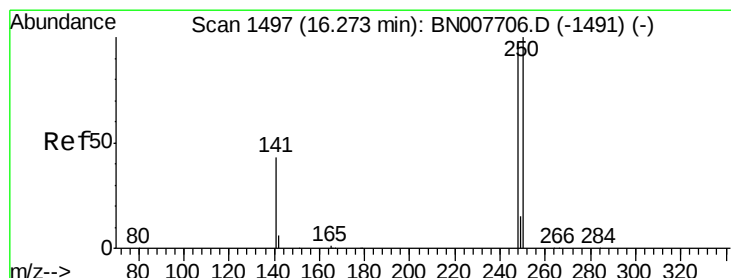
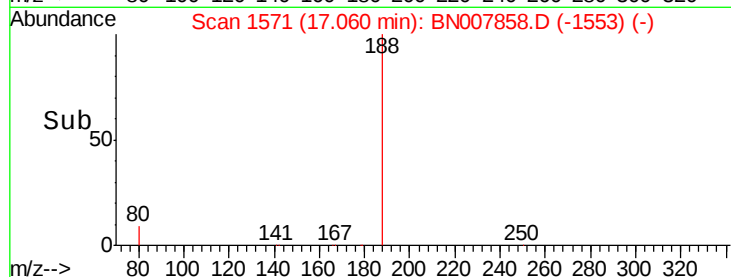
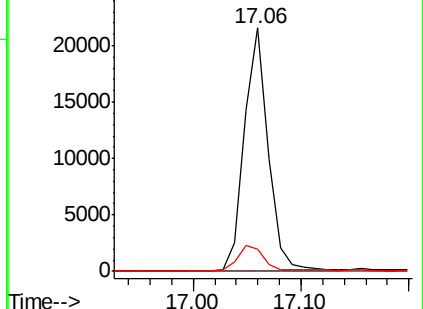
80 9.2 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.450 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

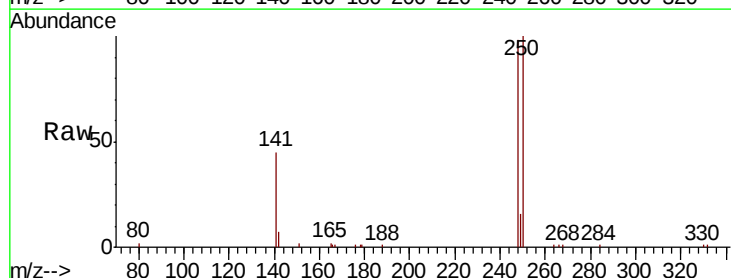
Tgt Ion:248 Resp: 9001

Ion Ratio Lower Upper

248 100

250 101.8 82.2 123.4

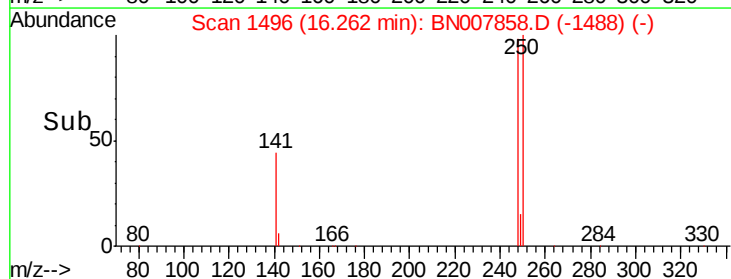
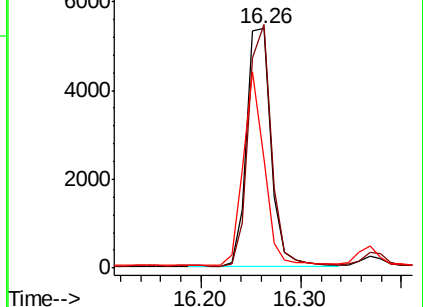
141 45.6 36.3 54.5

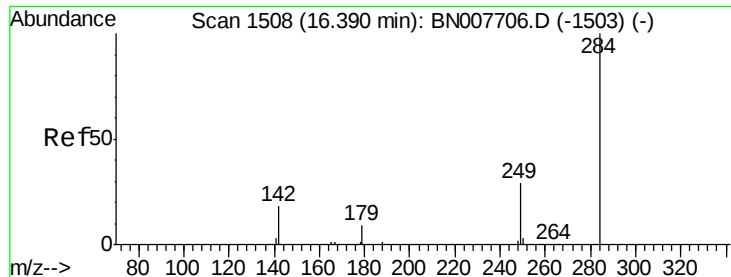


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.466 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

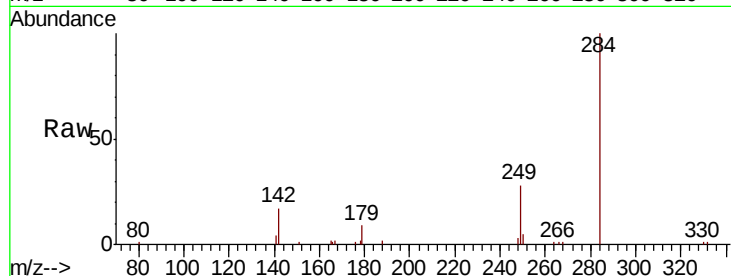
Tot Ion:284 Resp: 10185

Ion Ratio Lower Upper

284 100

142 34.3 25.8 38.6

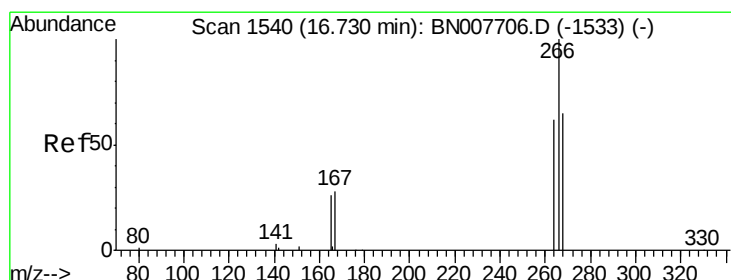
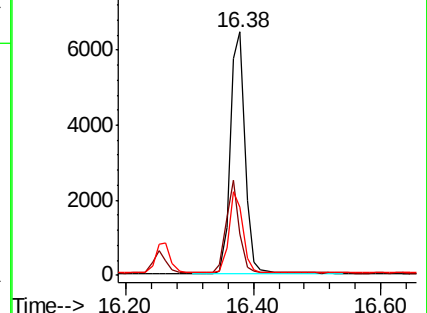
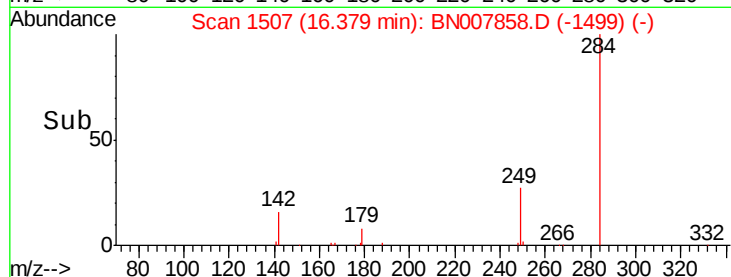
249 32.2 25.9 38.9



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: 0.239 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

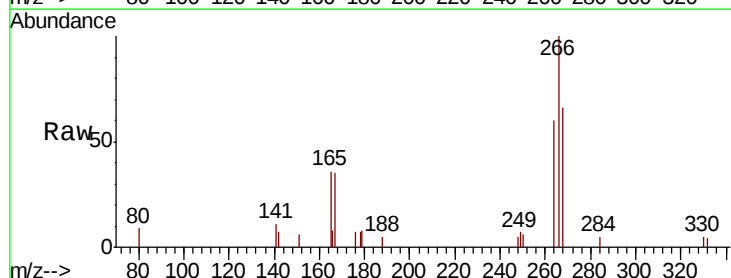
Tgt Ion:266 Resp: 1925

Ion Ratio Lower Upper

266 100

264 60.3 50.0 75.0

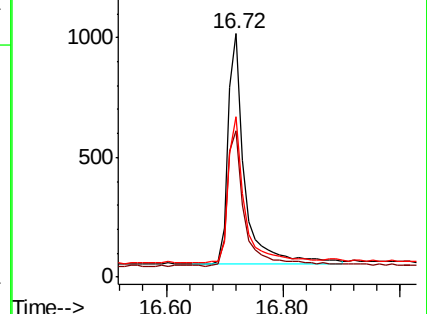
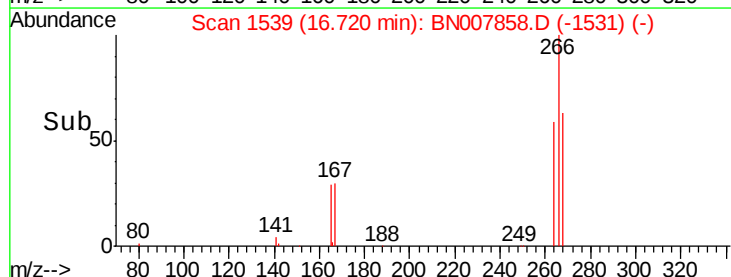
268 66.1 54.2 81.4

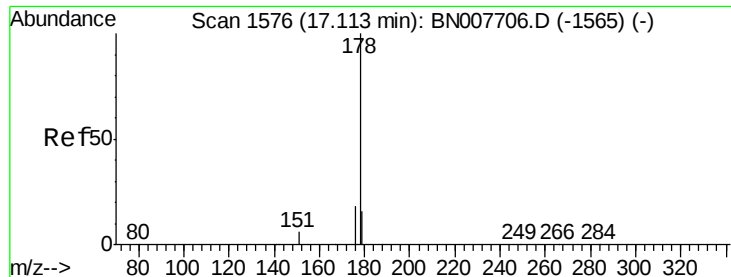


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.426 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

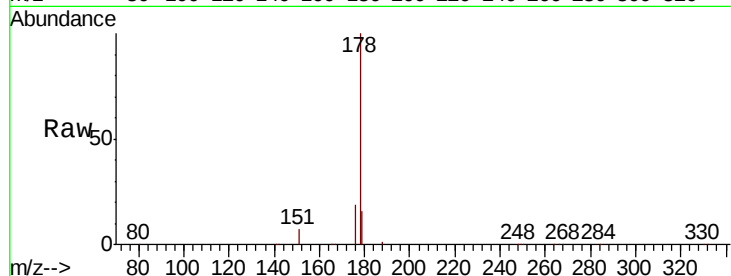
Tot Ion:178 Resp: 43663

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.6 12.5 18.7

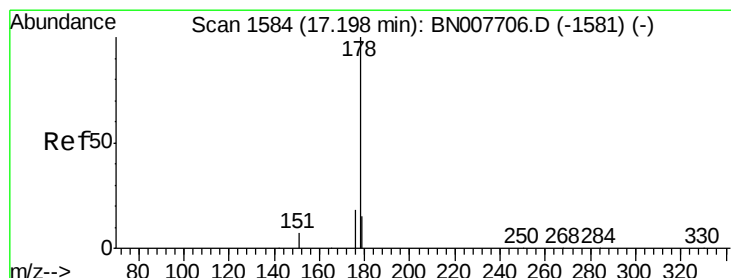
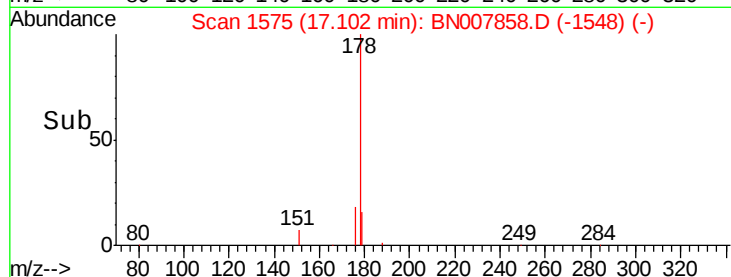
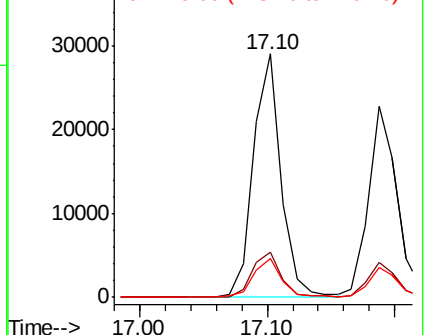


Abundance

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: 0.389 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

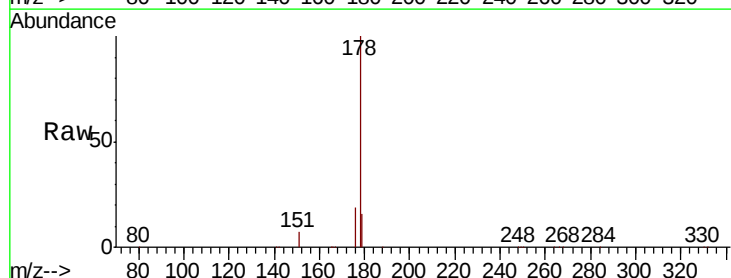
Tgt Ion:178 Resp: 35985

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

179 15.4 12.2 18.4

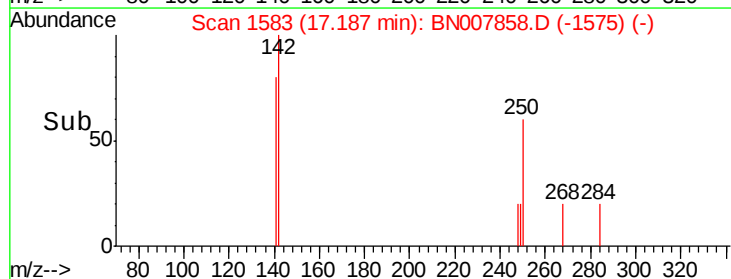
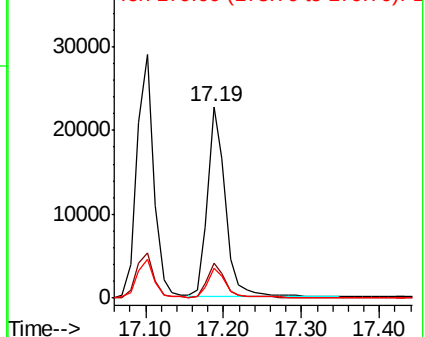


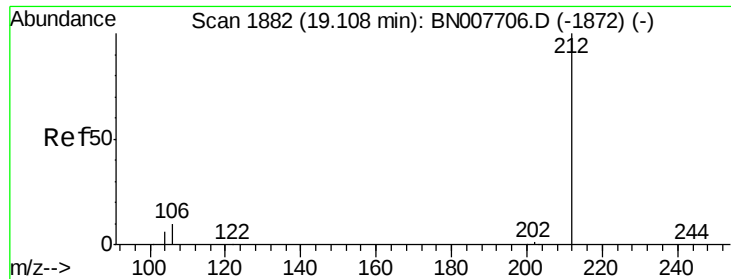
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

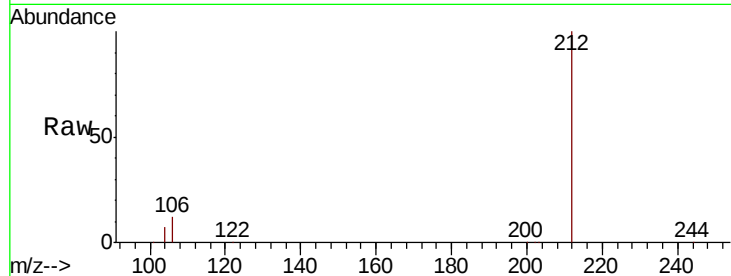
Tot Ion:212 Resp: 38752

Ion Ratio Lower Upper

212 100

106 11.9 9.4 14.0

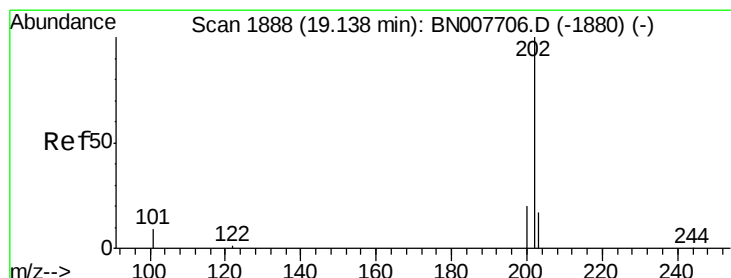
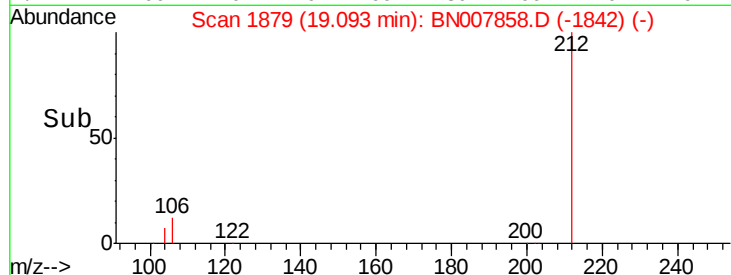
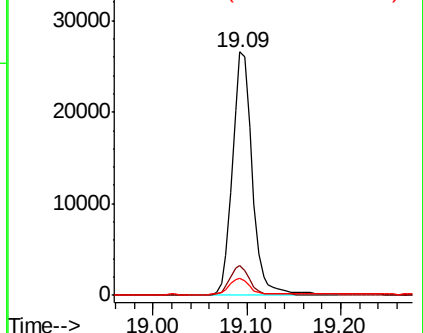
104 6.7 5.3 7.9



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: 0.360 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

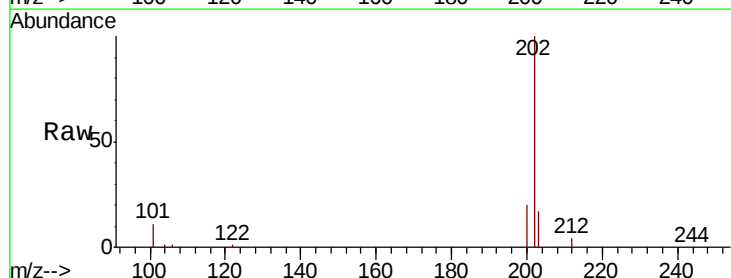
Tgt Ion:202 Resp: 45888

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

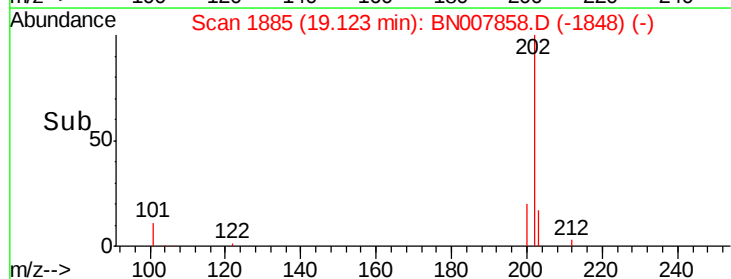
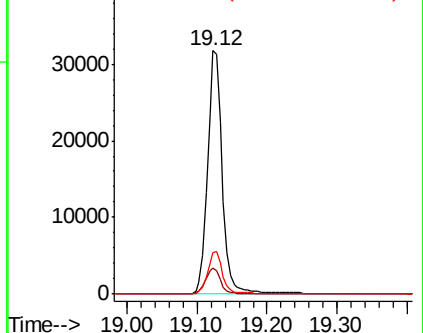
203 17.3 13.8 20.8

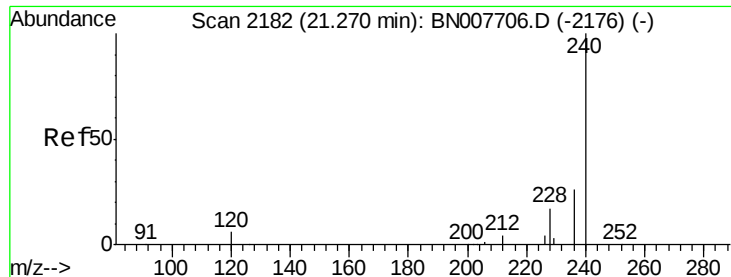


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

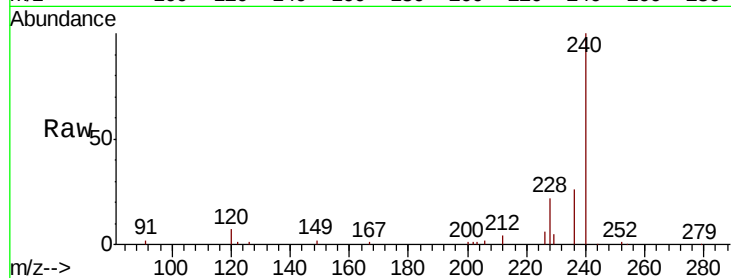
Tot Ion:240 Resp: 27888

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.2

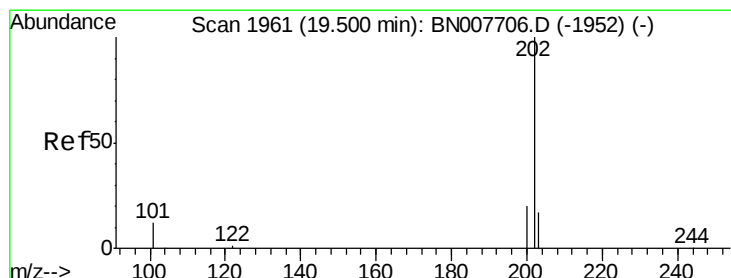
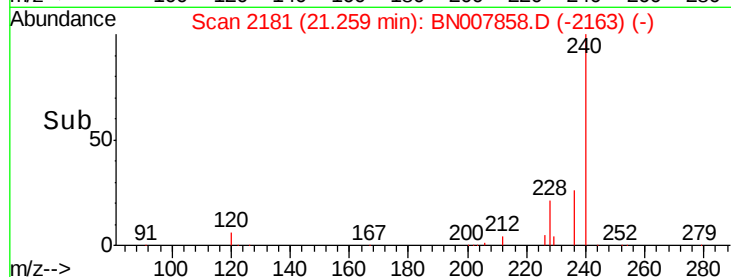
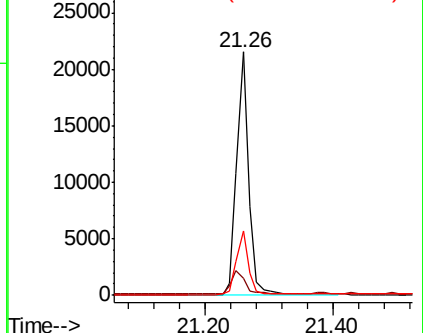
236 26.4 21.0 31.4



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: 0.470 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

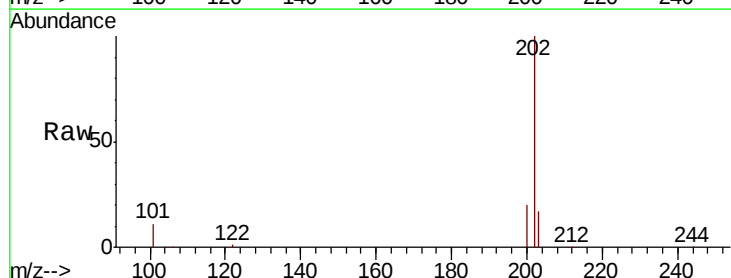
Tgt Ion:202 Resp: 44708

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

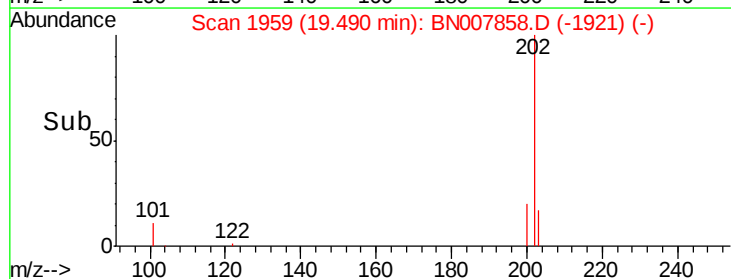
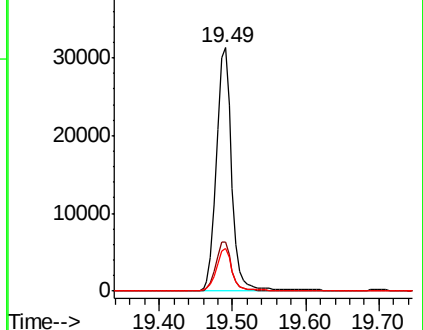
203 17.5 14.1 21.1

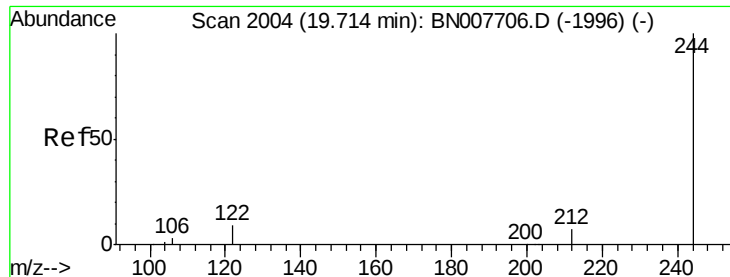


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.474 ng

RT: 19.70 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

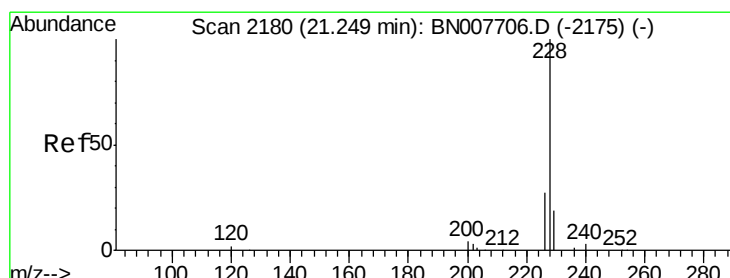
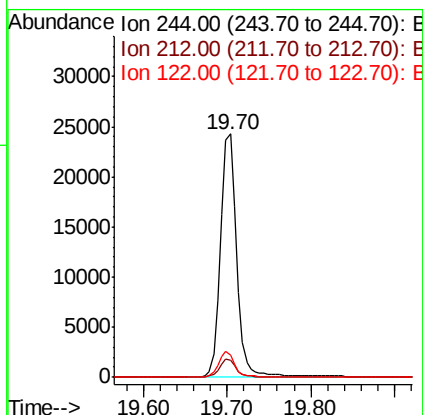
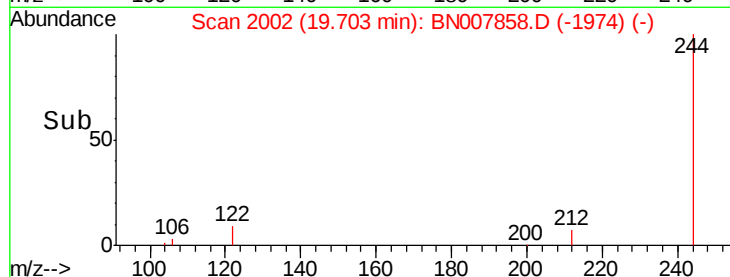
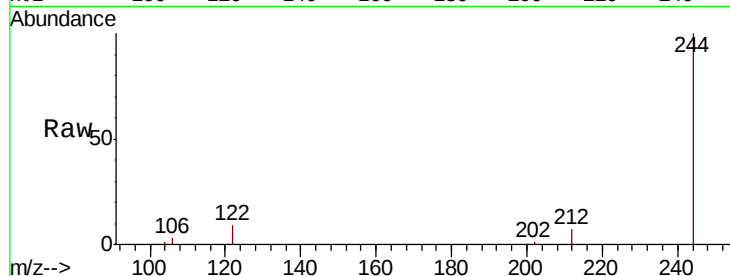
Tot Ion:244 Resp: 32458

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 8.9 7.4 11.2



#30

Benzo(a)anthracene

Concen: 0.358 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

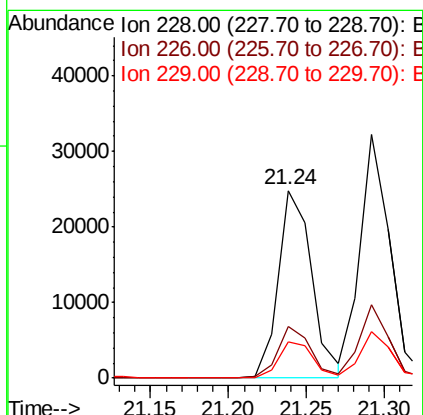
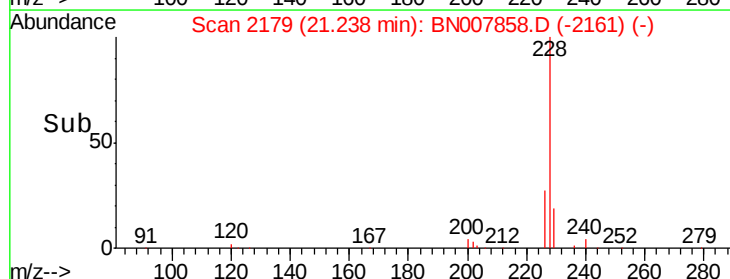
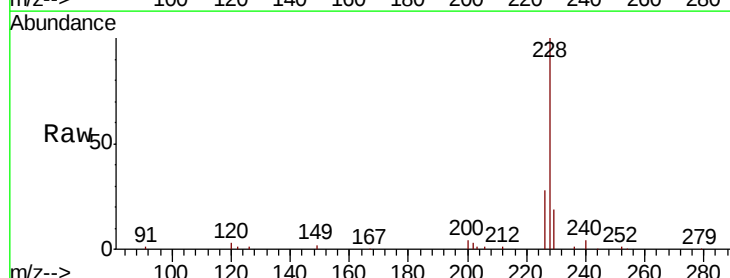
Tgt Ion:228 Resp: 36812

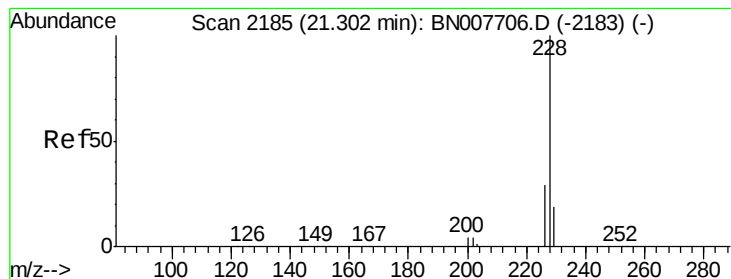
Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.3 15.8 23.6





#31

Chrysene

Concen: 0.426 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

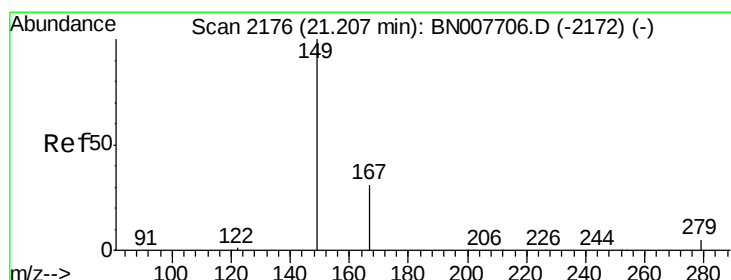
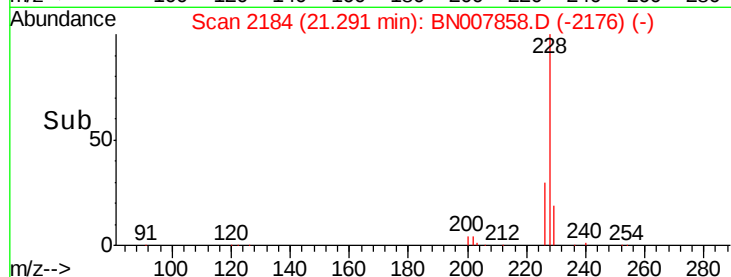
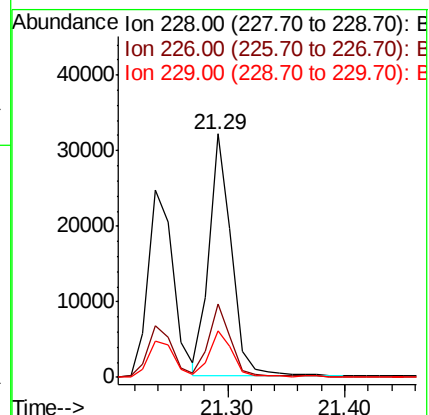
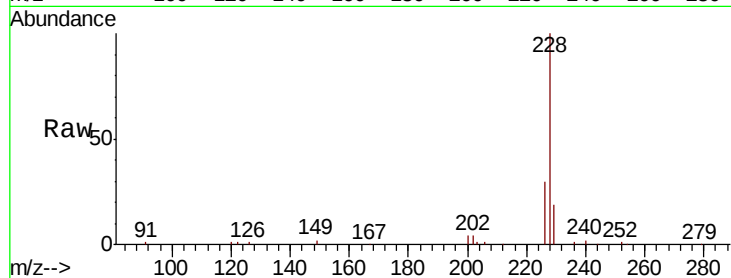
Tot Ion:228 Resp: 42621

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.3 15.8 23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.214 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

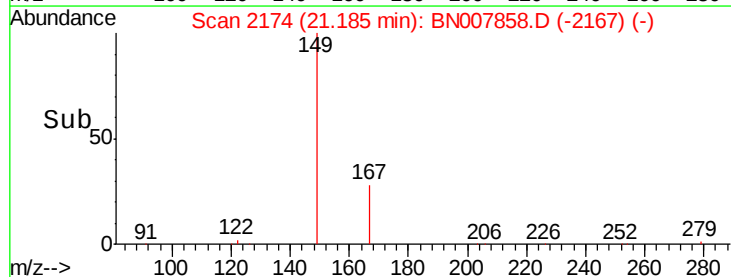
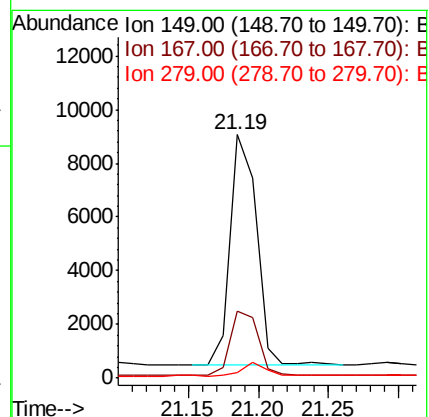
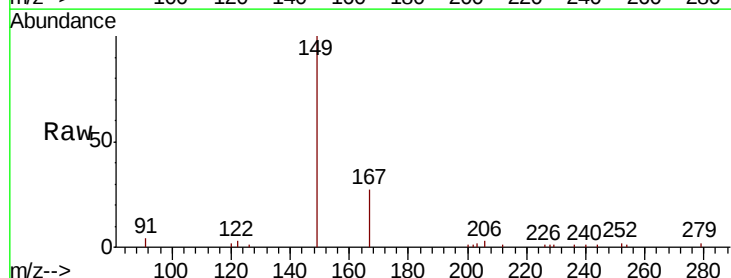
Tgt Ion:149 Resp: 11292

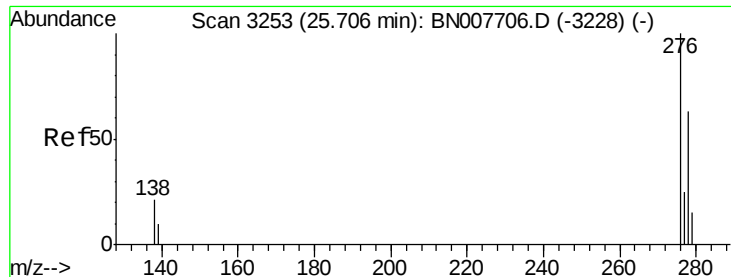
Ion Ratio Lower Upper

149 100

167 28.9 23.7 35.5

279 5.2 4.2 6.2





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.335 ng

RT: 25.69 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

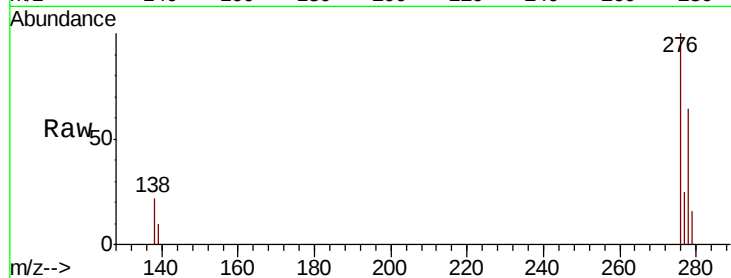
Tot Ion:276 Resp: 41975

Ion Ratio Lower Upper

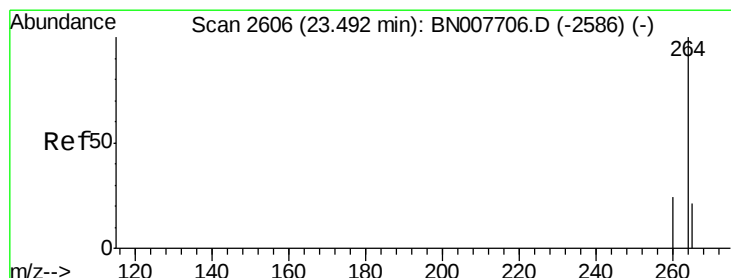
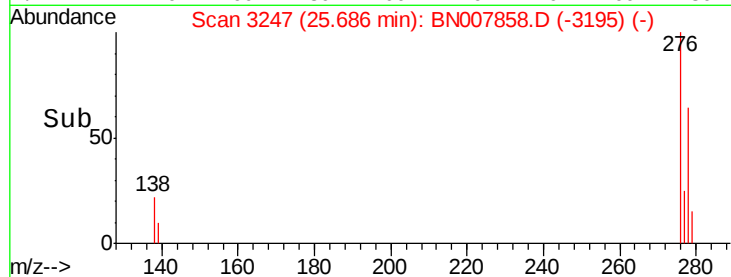
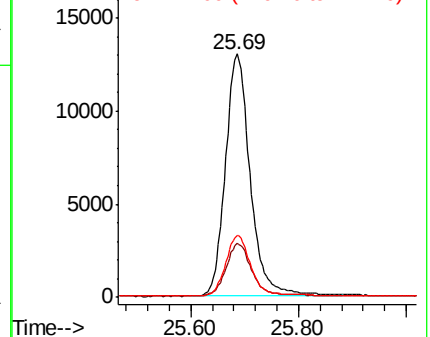
276 100

138 22.2 17.1 25.7

277 24.7 20.0 30.0



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: 23.47 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

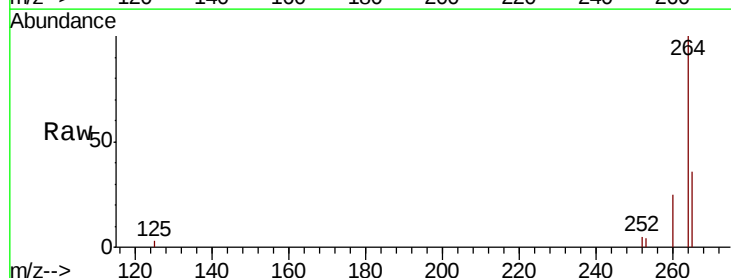
Tgt Ion:264 Resp: 25912

Ion Ratio Lower Upper

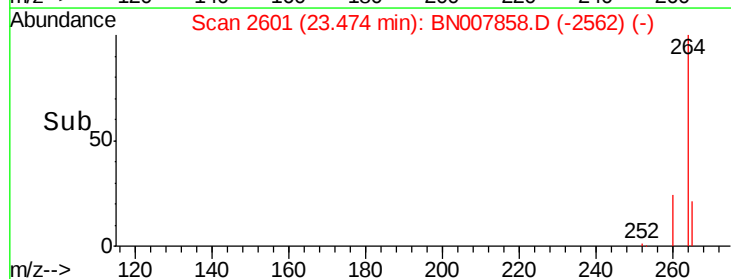
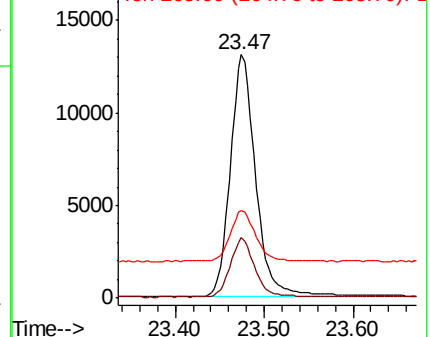
264 100

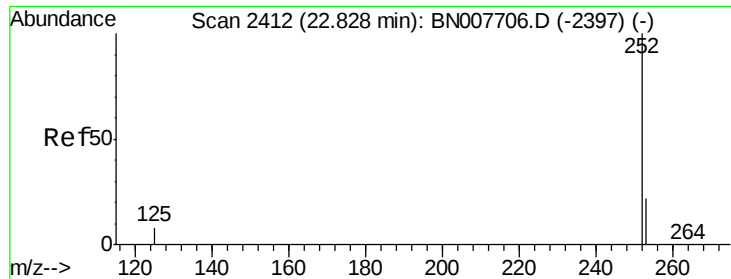
260 24.7 19.3 28.9

265 36.2 26.9 40.3



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

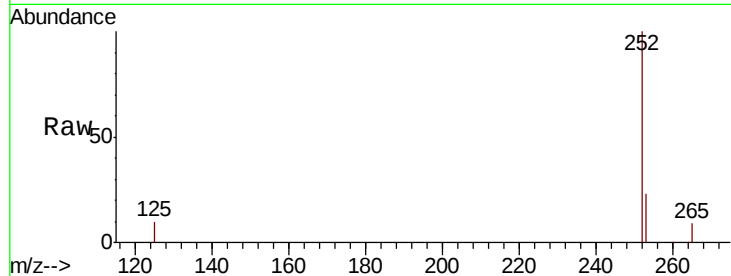




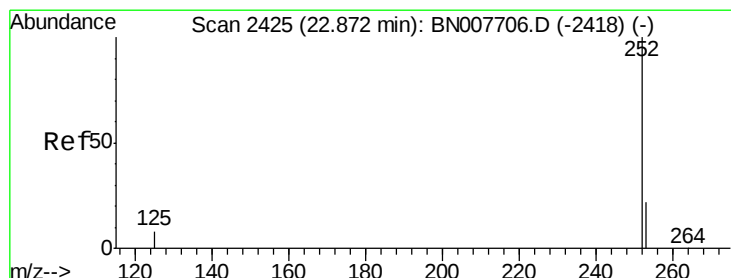
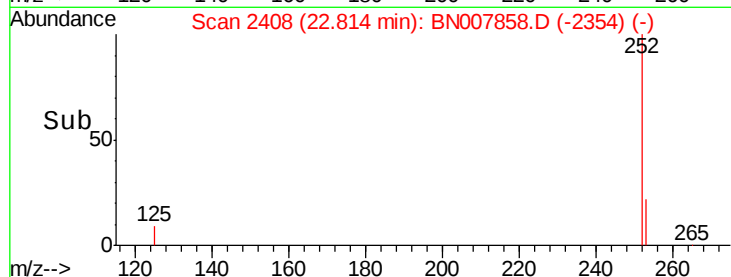
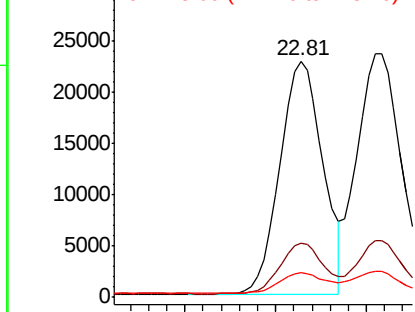
#35
Benzo(b)fluoranthene
Concen: 0.416 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007858.D
Acq: 25 Sep 2019 17:41

Instrument :
BNA_N
ClientSampleId :
PB123288BS

Tot Ion:252 Resp: 37436
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 10.4 8.2 12.4

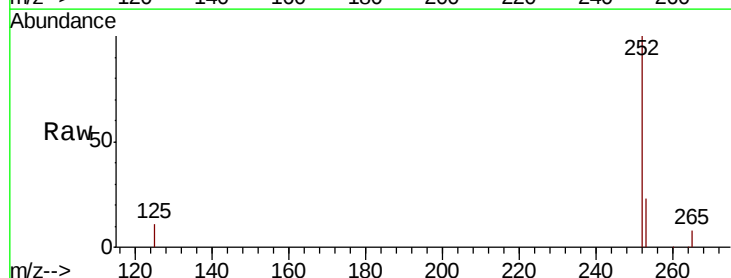


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

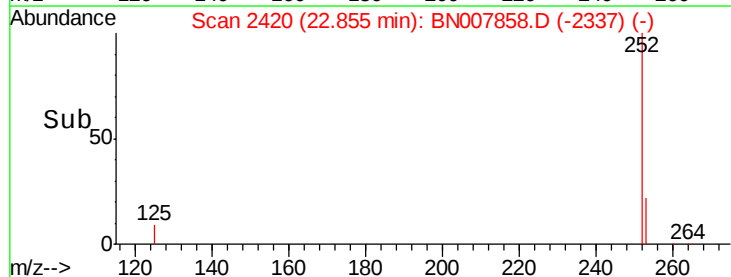
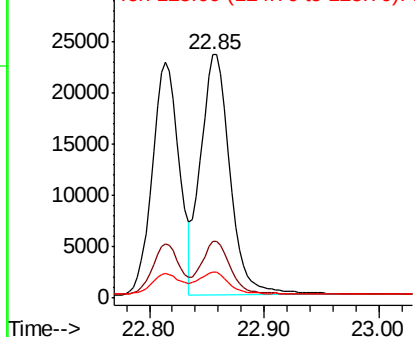


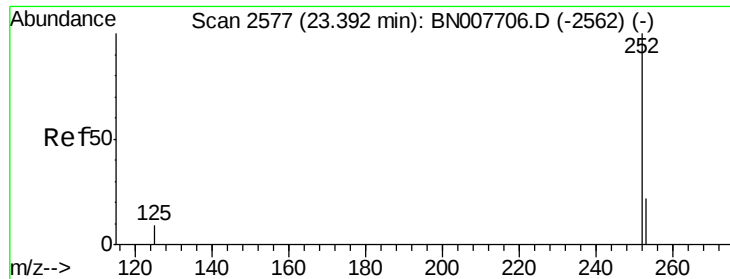
#36
Benzo(k)fluoranthene
Concen: 0.465 ng
RT: 22.85 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN007858.D
Acq: 25 Sep 2019 17:41

Tgt Ion:252 Resp: 41384
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 10.7 8.4 12.6



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: 0.385 ng

RT: 23.38 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

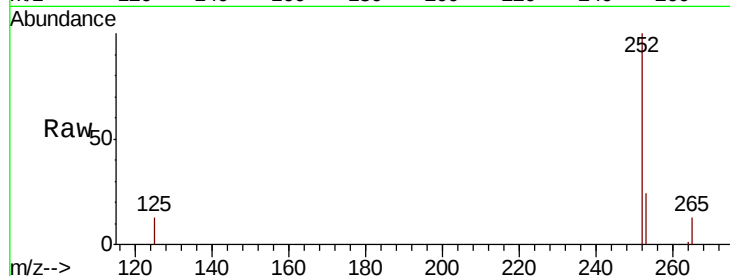
Tot Ion:252 Resp: 32568

Ion Ratio Lower Upper

252 100

253 23.9 18.6 27.8

125 12.6 9.4 14.0

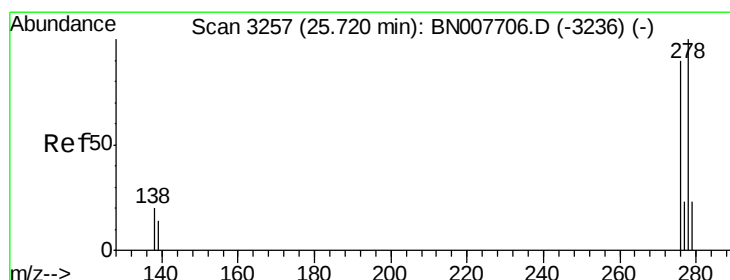
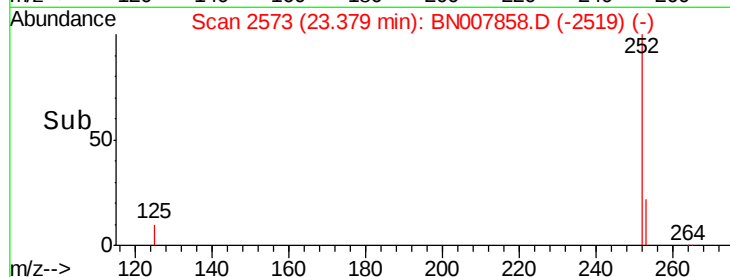
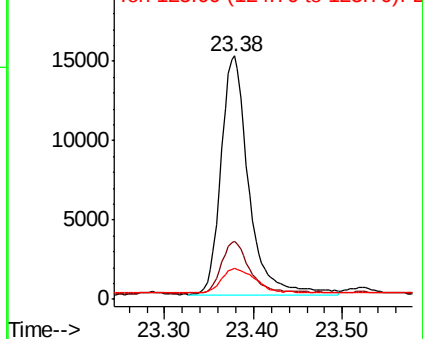


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.391 ng

RT: 25.70 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

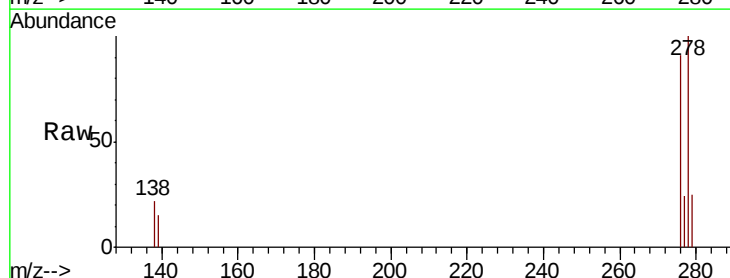
Tgt Ion:278 Resp: 33841

Ion Ratio Lower Upper

278 100

139 15.2 11.8 17.6

279 24.6 19.4 29.2

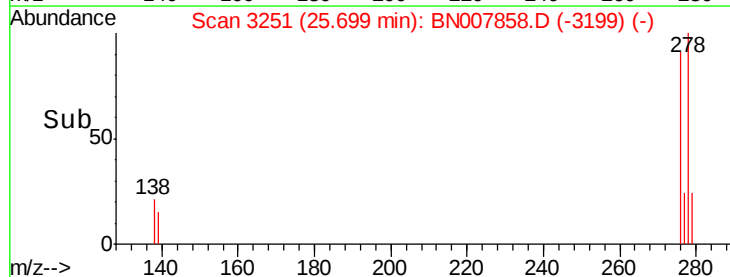
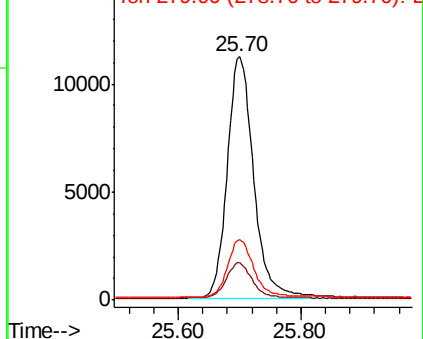


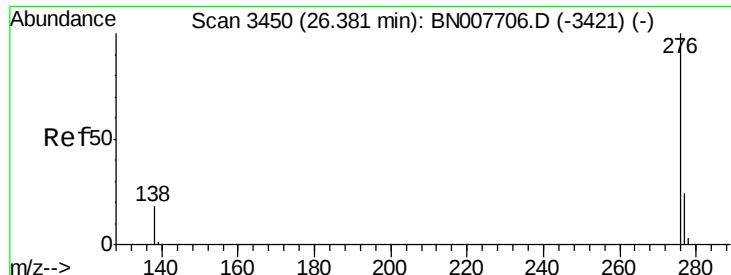
Abundance

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(a,h,i)perylene

Concen: 0.404 ng

RT: 26.36 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BN007858.D

Acq: 25 Sep 2019 17:41

Instrument :

BNA_N

ClientSampleId :

PB123288BS

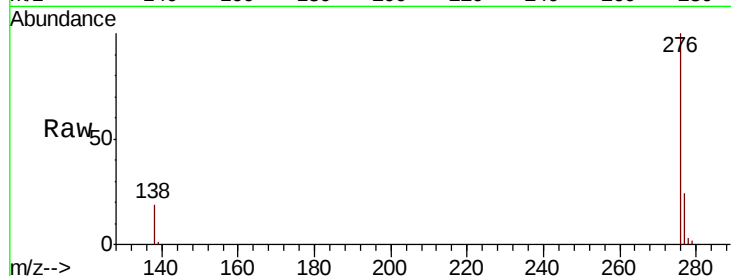
Tot Ion:276 Resp: 34571

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 19.3 15.1 22.7



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

