

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007853.D
 Acq On : 25 Sep 2019 14:36
 Operator : JU
 Sample : PB123248BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123248BSD

Quant Time: Sep 26 03:52:49 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	7738	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	29672	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	17267	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	34102	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	29775	0.40	ng	-0.01
34) Perylene-d12	23.47	264	29733	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	8586	0.32	ng	0.00
5) Phenol-d6	6.86	99	10705	0.32	ng	0.00
8) Nitrobenzene-d5	8.83	82	9472	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	20948	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2156	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	29468	0.41	ng	-0.01
25) Fluoranthene-d10	19.09	212	40968	0.36	ng	-0.01
29) Terphenyl-d14	19.70	244	34406	0.47	ng	-0.01

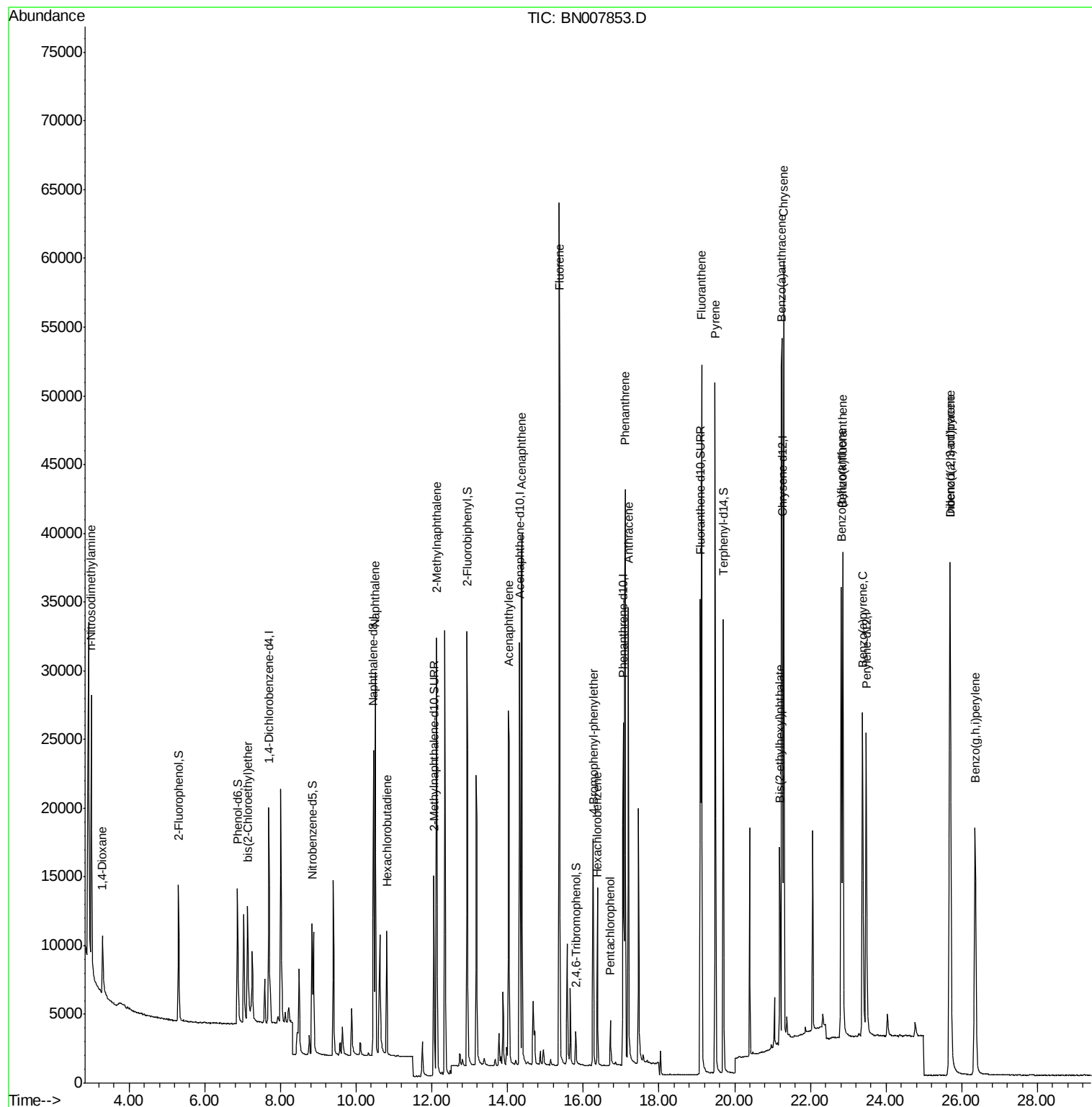
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	3677	0.426	ng	# 84
3) n-Nitrosodimethylamine	3.00	42	2559	0.648	ng	# 93
6) bis(2-Chloroethyl)ether	7.13	93	8896	0.406	ng	98
9) Naphthalene	10.51	128	35541	0.427	ng	100
10) Hexachlorobutadiene	10.81	225	7550	0.430	ng	# 99
12) 2-Methylnaphthalene	12.13	142	23808	0.423	ng	100
16) Acenaphthylene	14.02	152	33097	0.361	ng	100
17) Acenaphthene	14.38	154	22347	0.379	ng	96
18) Fluorene	15.36	166	28262	0.373	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	9193	0.444	ng	99
21) Hexachlorobenzene	16.38	284	10605	0.469	ng	99
22) Pentachlorophenol	16.72	266	2239	0.268	ng	99
23) Phenanthrene	17.10	178	45593	0.429	ng	100
24) Anthracene	17.19	178	37850	0.394	ng	100
26) Fluoranthene	19.12	202	48181	0.365	ng	100
28) Pyrene	19.49	202	47726	0.470	ng	100
30) Benzo(a)anthracene	21.24	228	41006	0.374	ng	99
31) Chrysene	21.29	228	45127	0.422	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	12930	0.229	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	47073	0.352	ng	99
35) Benzo(b)fluoranthene	22.81	252	42167	0.409	ng	100
36) Benzo(k)fluoranthene	22.86	252	46716	0.458	ng	100
37) Benzo(a)pyrene	23.38	252	38009	0.392	ng	98
38) Dibenzo(a,h)anthracene	25.70	278	38231	0.385	ng	100
39) Benzo(g,h,i)perylene	26.35	276	38291	0.390	ng	99

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

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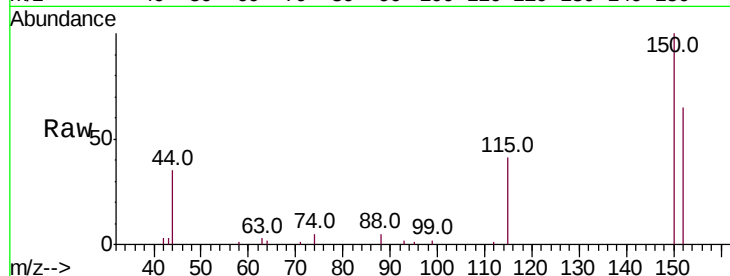


#1

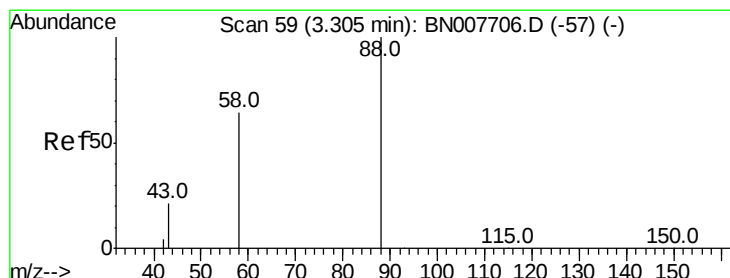
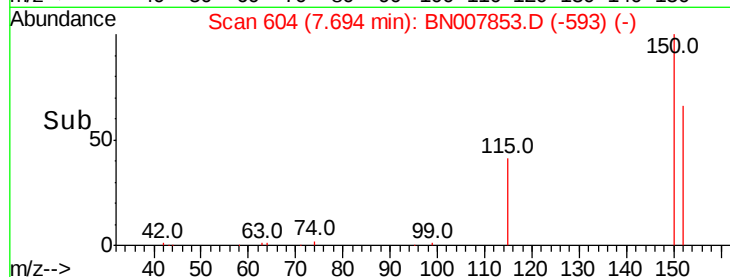
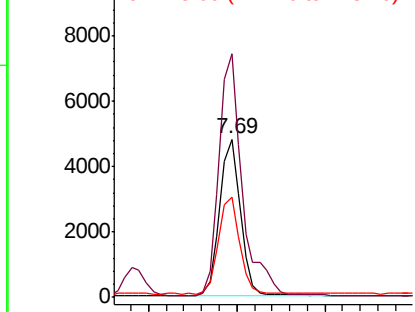
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Instrument :
BNA_N
ClientSampleId :
PB123248BSD

Tot Ion:152 Resp: 7738
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 63.3 53.3 79.9



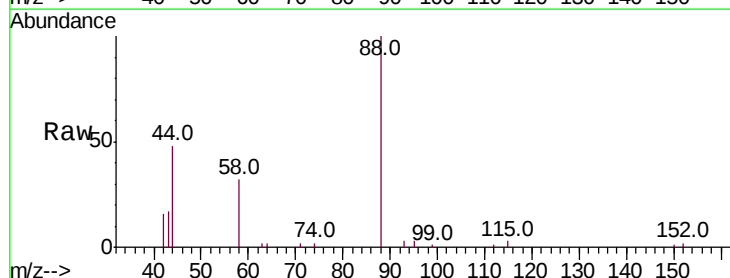
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



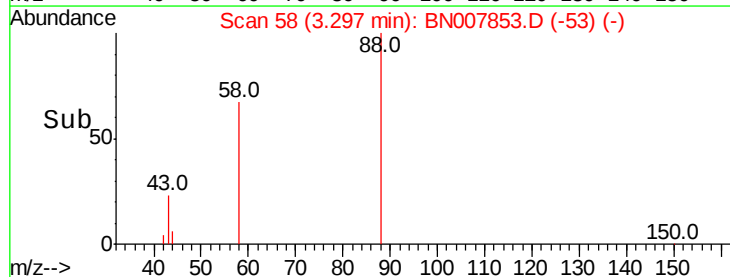
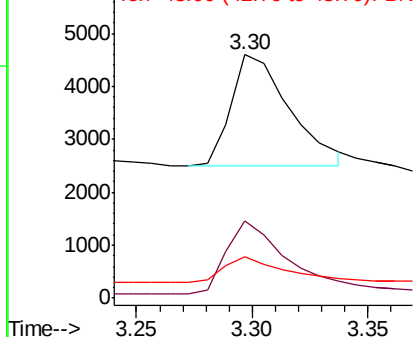
#2

1,4-Dioxane
Concen: 0.426 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion: 88 Resp: 3677
Ion Ratio Lower Upper
88 100
58 68.2 44.6 66.8#
43 23.1 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



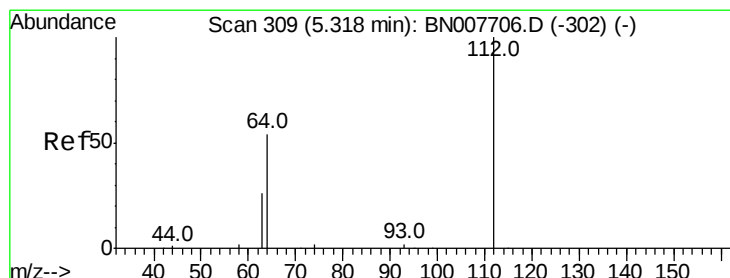
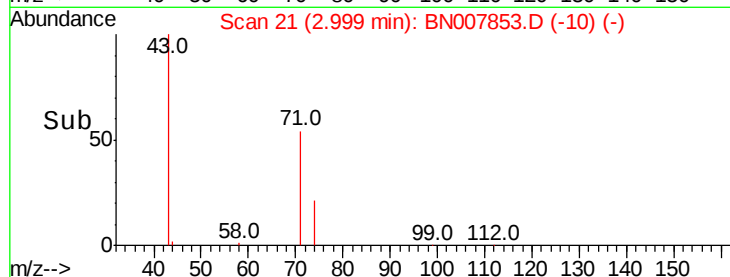
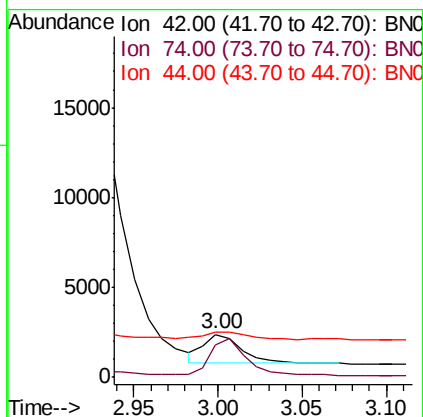
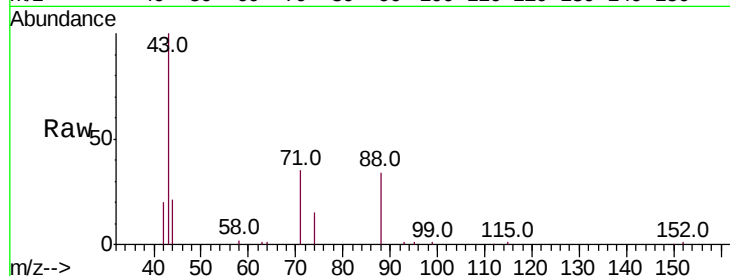


#3

n-Nitrosodimethylamine
 Concen: 0.648 ng
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BN007853.D
 Acq: 25 Sep 2019 14:36

Instrument :
 BNA_N
 ClientSampleId :
 PB123248BSD

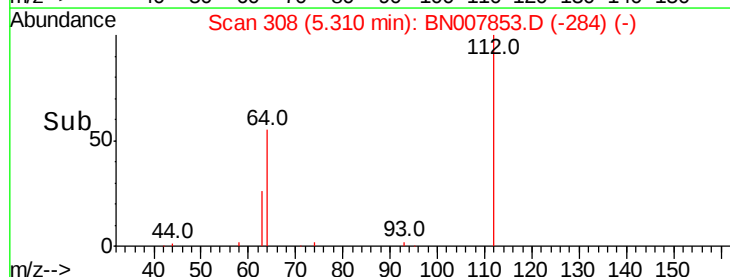
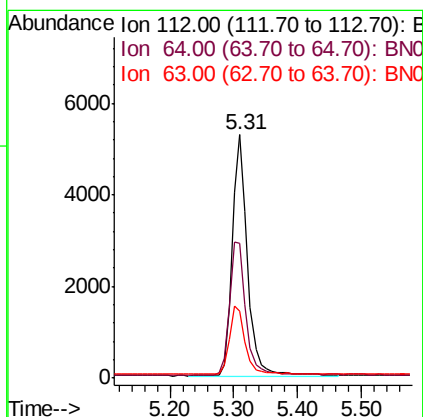
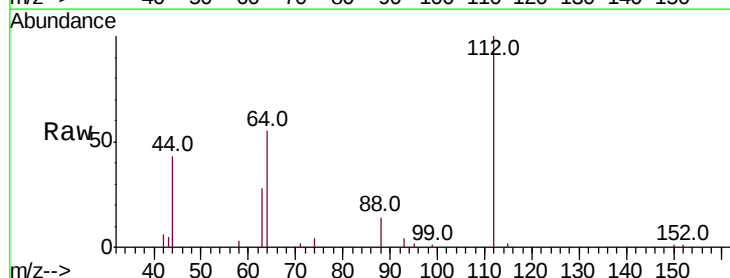
Tot Ion: 42 Resp: 2559
 Ion Ratio Lower Upper
 42 100
 74 115.4 87.9 131.9
 44 29.1 29.4 44.0#

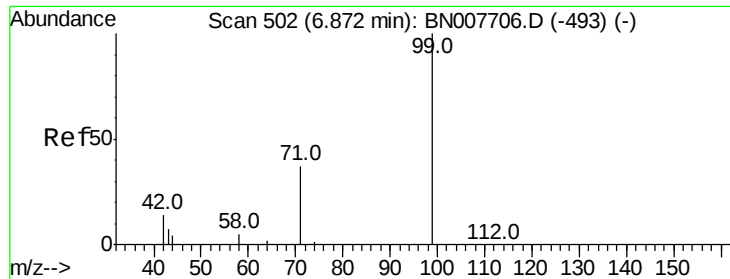


#4

2-Fluorophenol
 Concen: 0.322 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007853.D
 Acq: 25 Sep 2019 14:36

Tgt Ion: 112 Resp: 8586
 Ion Ratio Lower Upper
 112 100
 64 59.6 46.6 70.0
 63 29.1 23.1 34.7





#5

Phenol-d6

Concen: 0.321 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

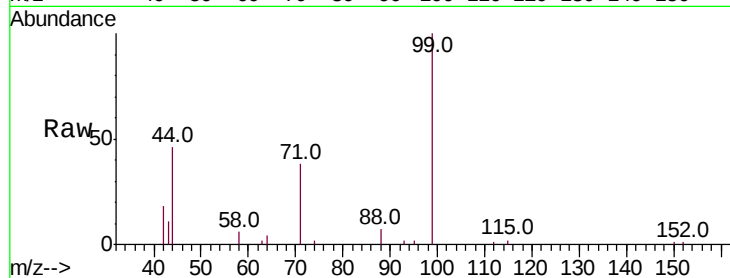
Tot Ion: 99 Resp: 10705

Ion Ratio Lower Upper

99 100

42 14.5 12.8 19.2

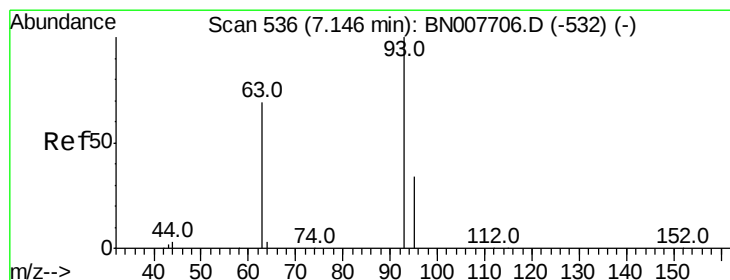
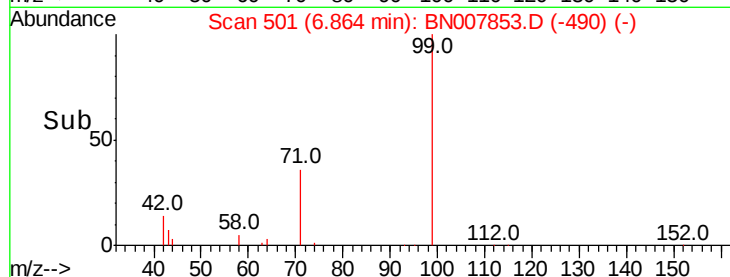
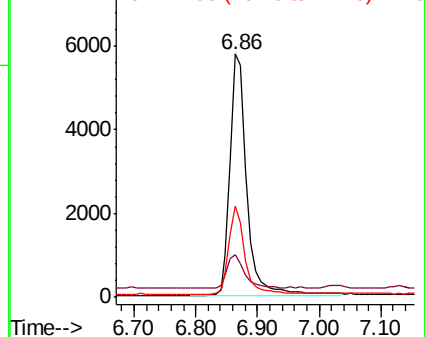
71 35.1 27.6 41.4



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: 0.406 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

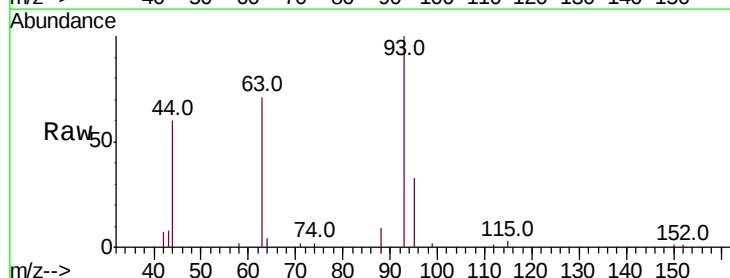
Tgt Ion: 93 Resp: 8896

Ion Ratio Lower Upper

93 100

63 75.7 59.3 88.9

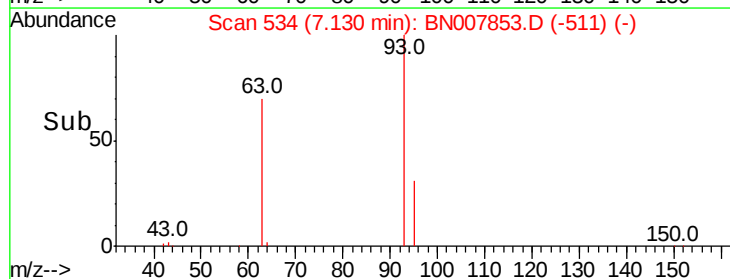
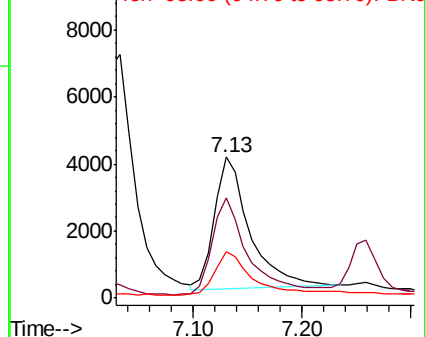
95 37.9 31.4 47.0

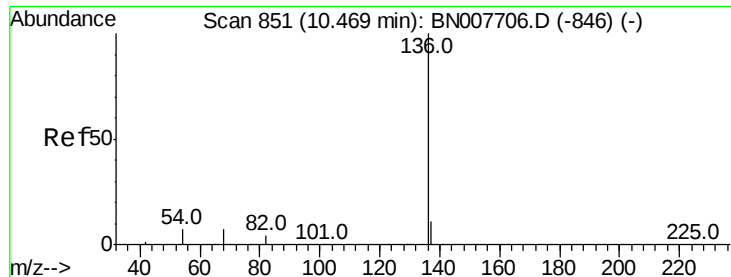


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

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: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

Tot Ion:136 Resp: 29672

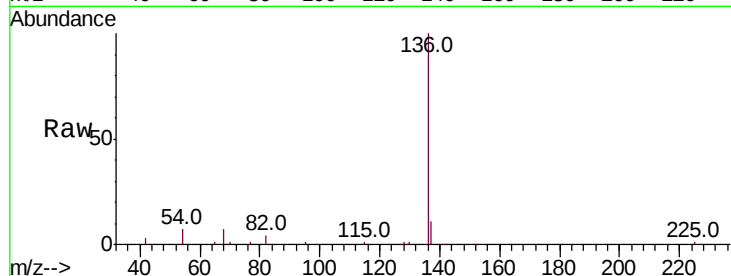
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.8 5.8 8.8

68 7.4 6.5 9.7

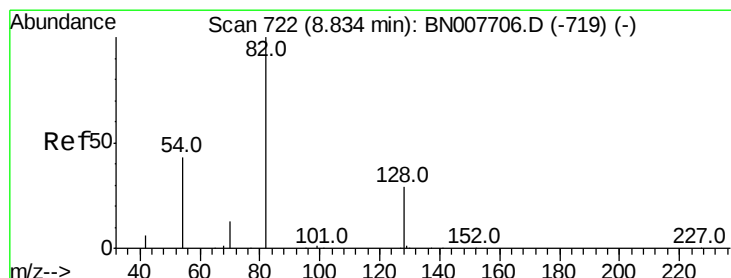
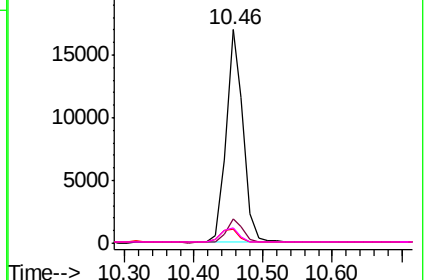
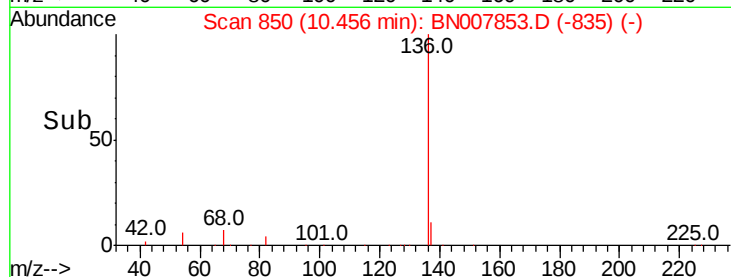


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.365 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

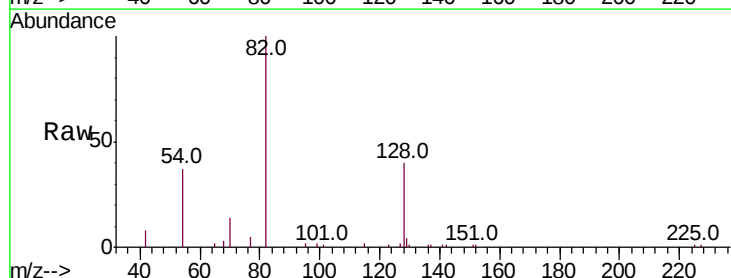
Tgt Ion: 82 Resp: 9472

Ion Ratio Lower Upper

82 100

128 39.9 24.5 36.7#

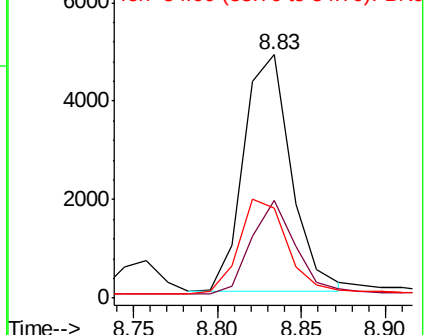
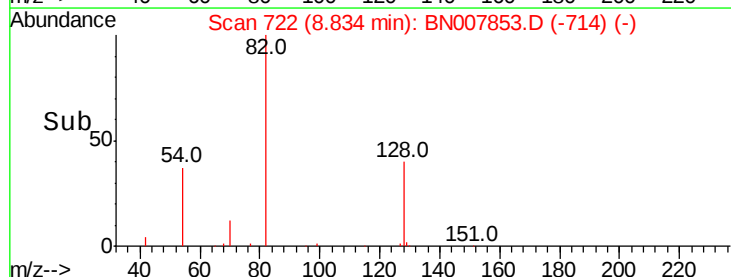
54 37.0 35.2 52.8

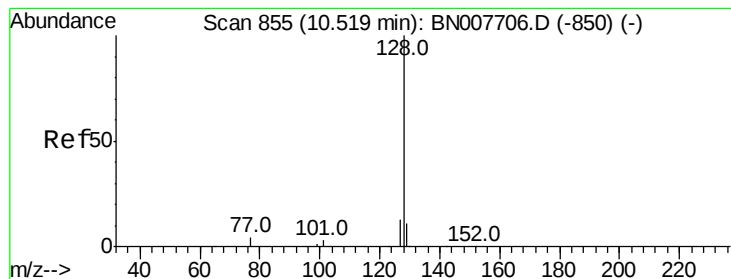


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.427 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

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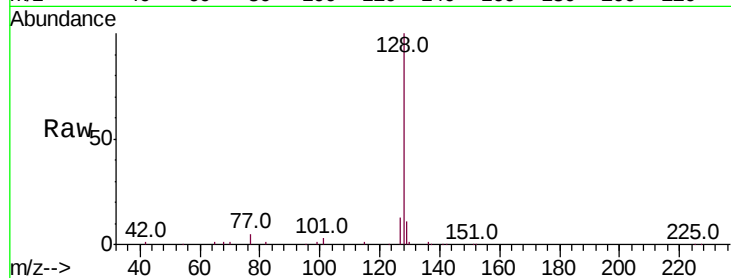
Tot Ion:128 Resp: 35541

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

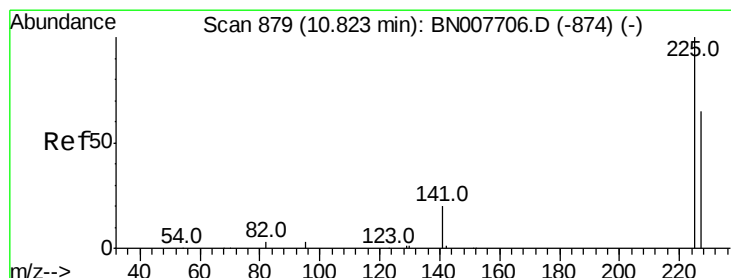
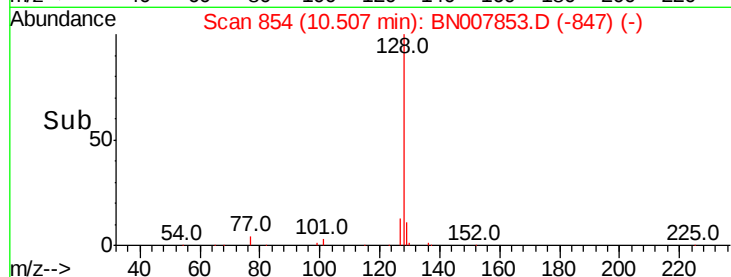
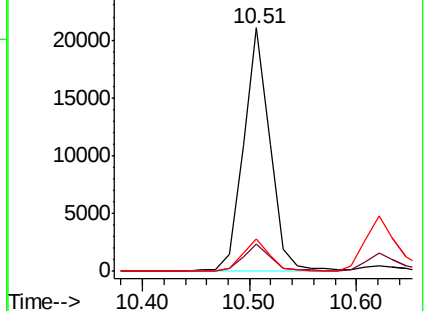
127 13.1 10.6 15.8



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: 0.430 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

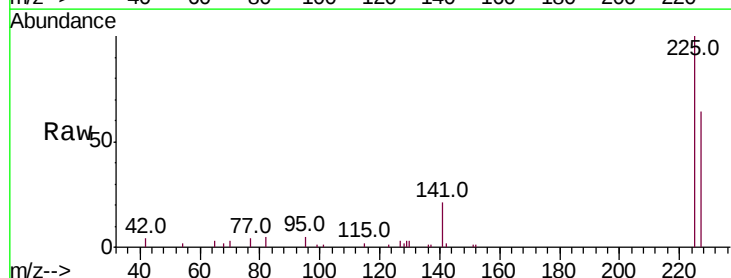
Tgt Ion:225 Resp: 7550

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

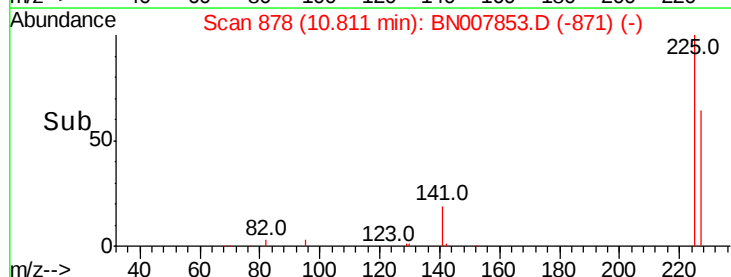
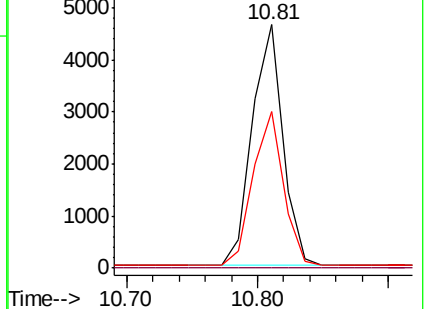
227 63.5 51.2 76.8

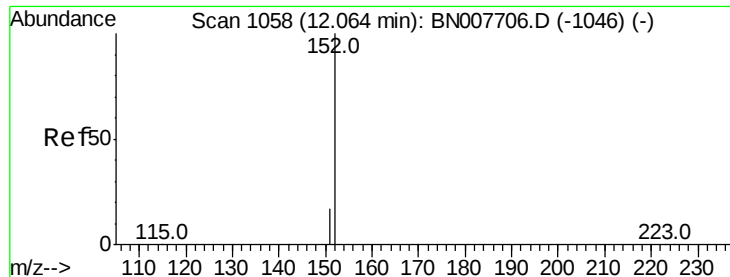


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

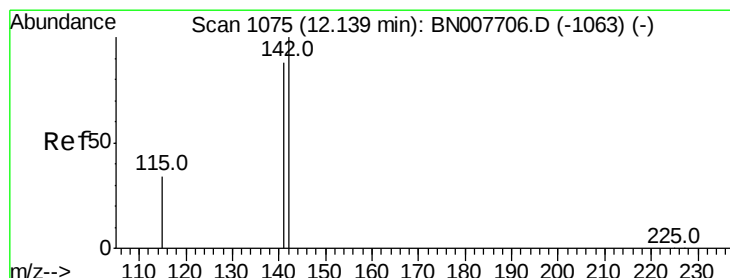
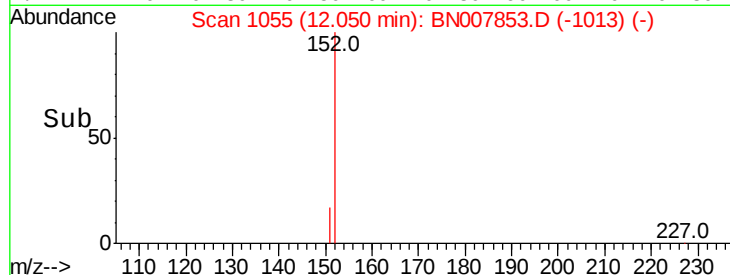
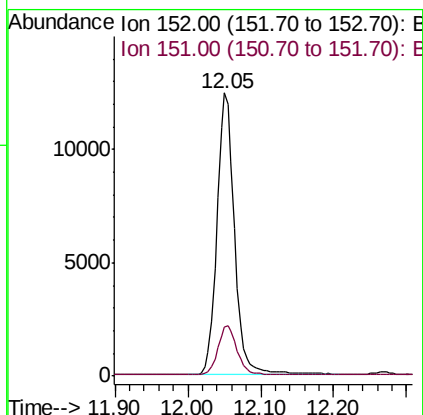
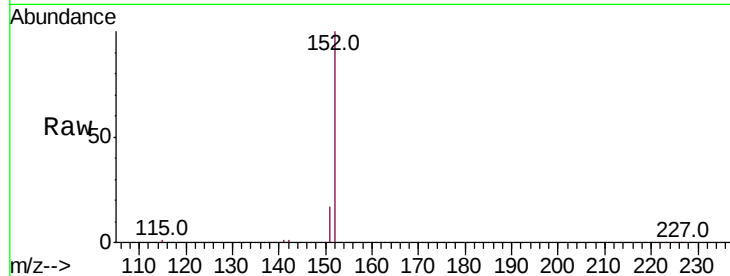




#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

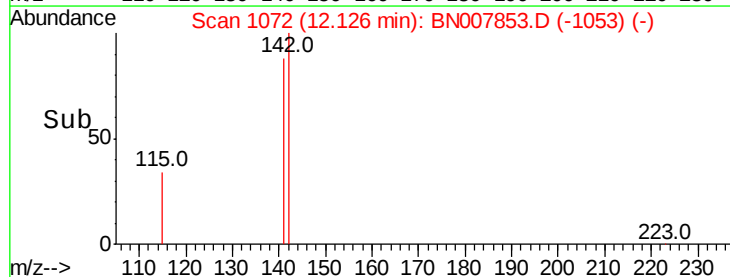
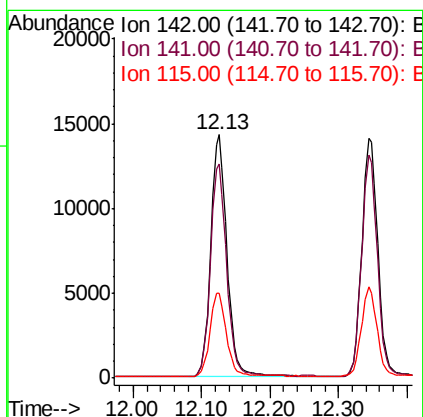
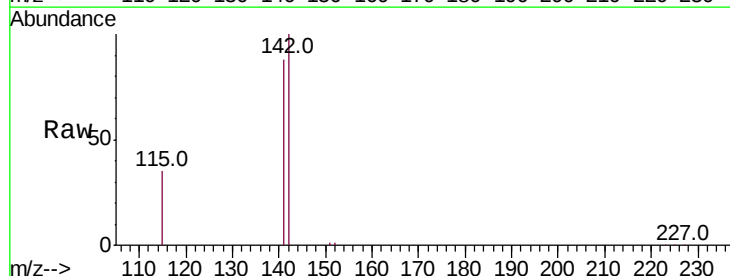
Instrument :
BNA_N
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PB123248BSD

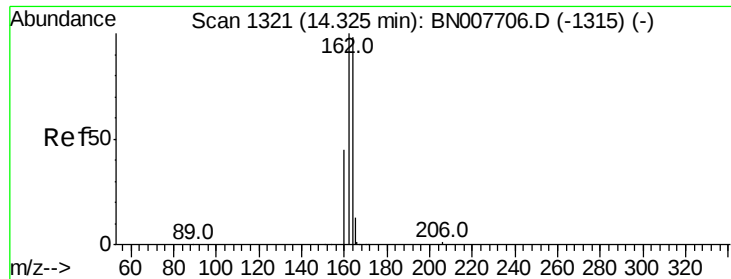
Tot Ion:152 Resp: 20948
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.423 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:142 Resp: 23808
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0
115 34.9 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: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

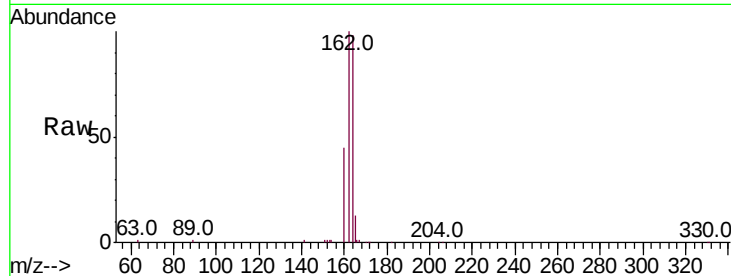
Tot Ion:164 Resp: 17267

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

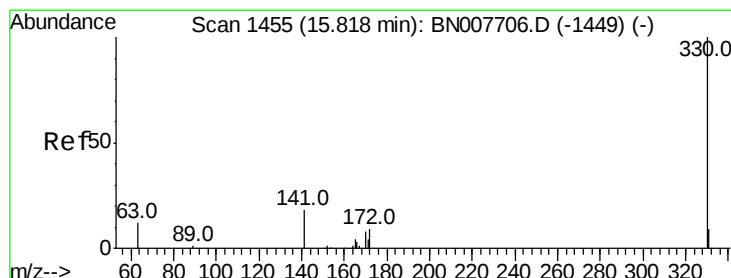
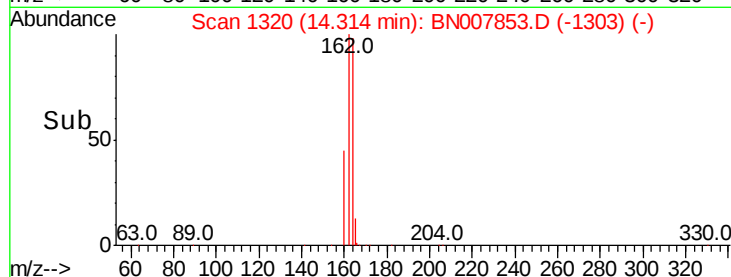
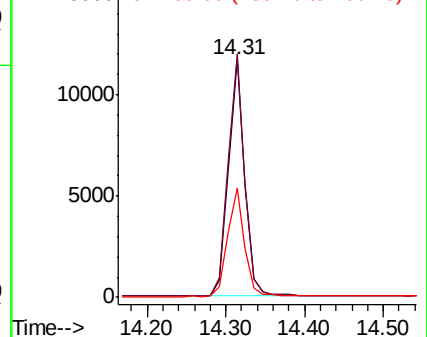
160 46.1 37.0 55.4



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: 0.229 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

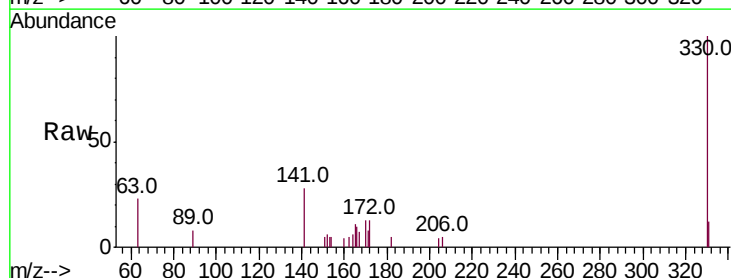
Tgt Ion:330 Resp: 2156

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

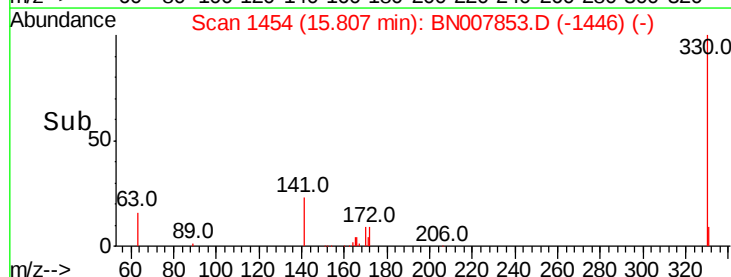
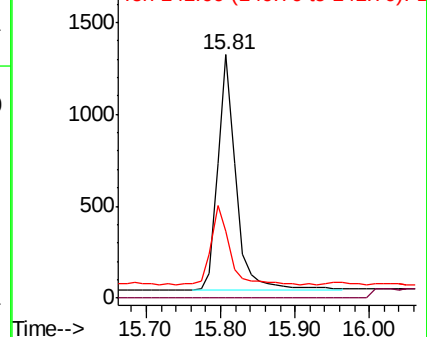
141 34.3 28.7 43.1



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

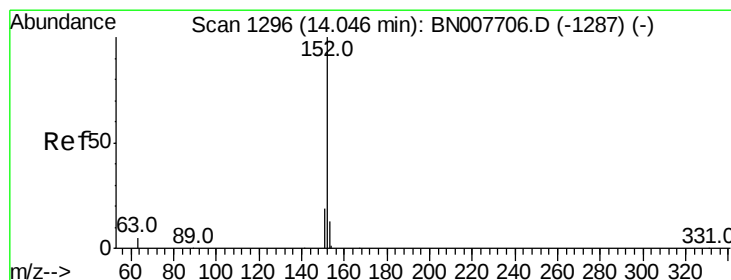
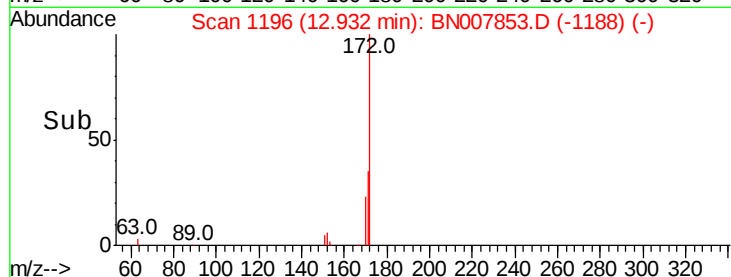
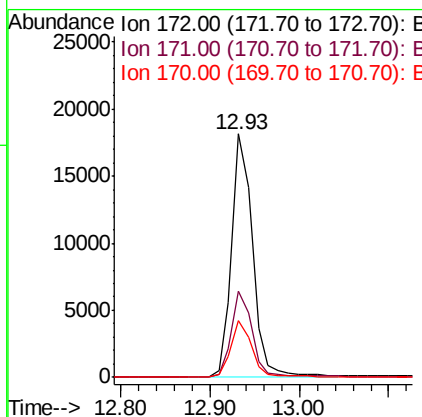
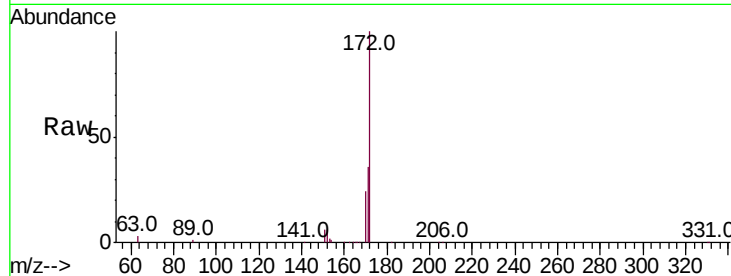




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

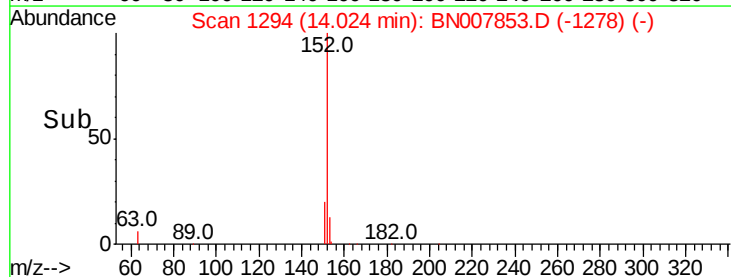
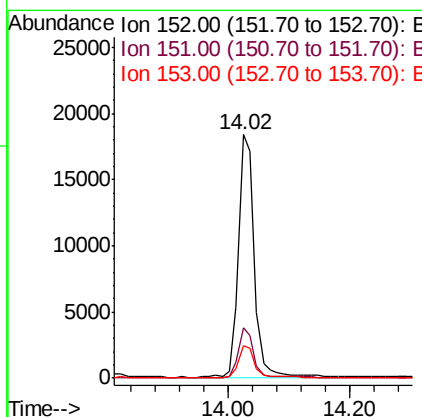
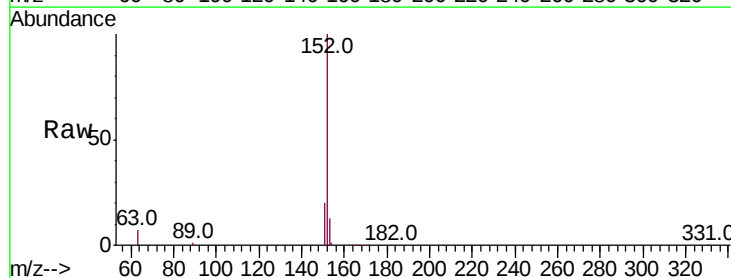
Instrument :
BNA_N
ClientSampleId :
PB123248BSD

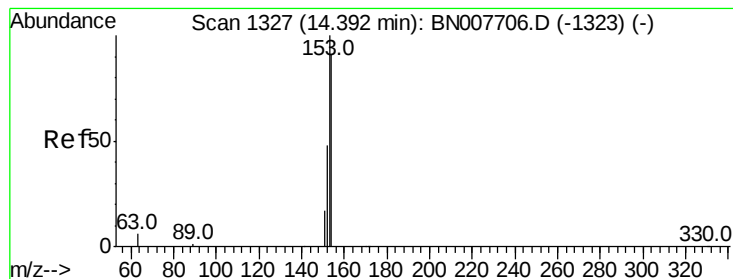
Tot Ion:172 Resp: 29468
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.5 19.5 29.3



#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:152 Resp: 33097
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

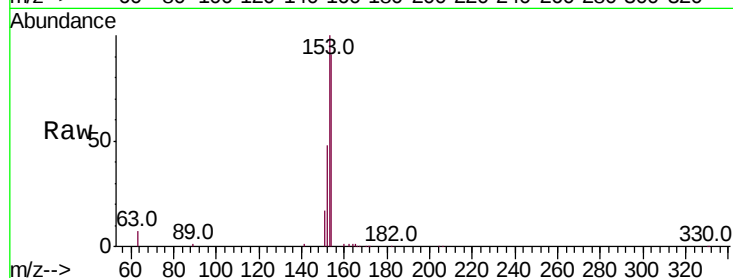
BNA_N

ClientSampleId :

PB123248BSD

Tot Ion:154 Resp: 22347

Ion	Ratio	Lower	Upper
154	100		
153	113.0	87.0	130.4
152	55.8	42.7	64.1

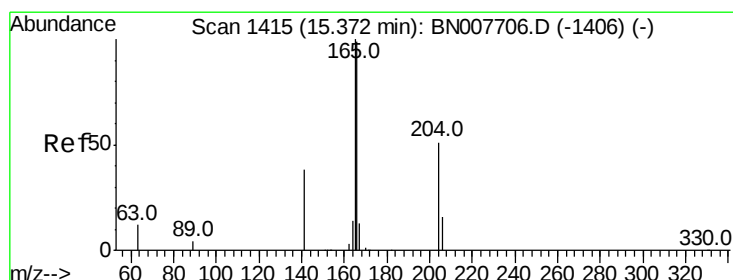
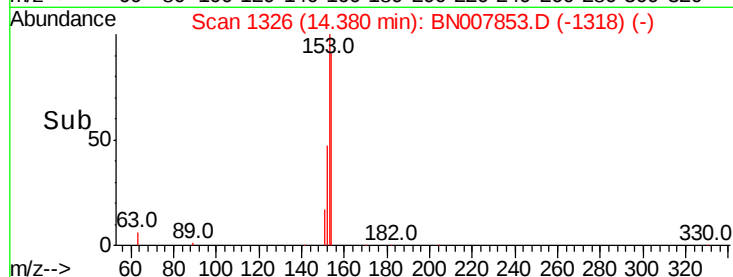
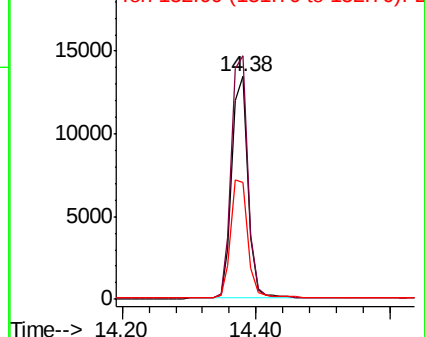


Abundance

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: 0.373 ng

RT: 15.36 min Scan# 1414

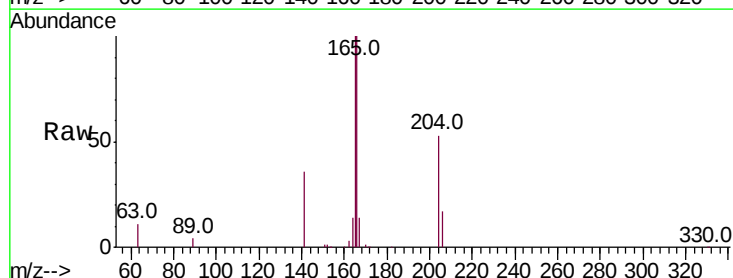
Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

Tgt Ion:166 Resp: 28262

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.0	117.0
167	13.7	10.9	16.3

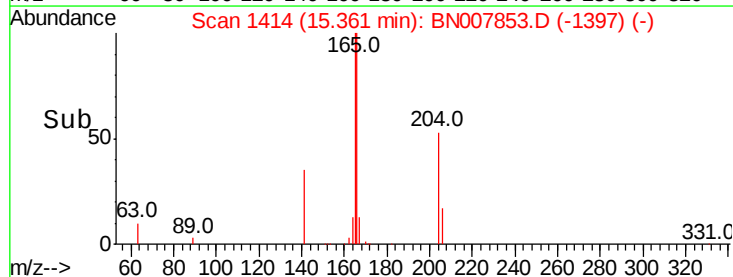
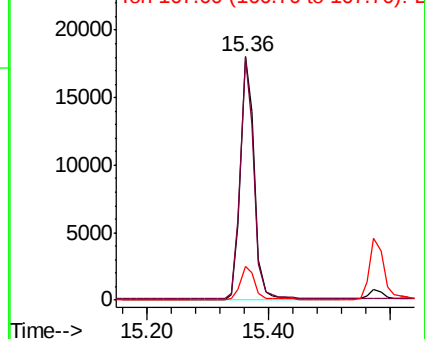


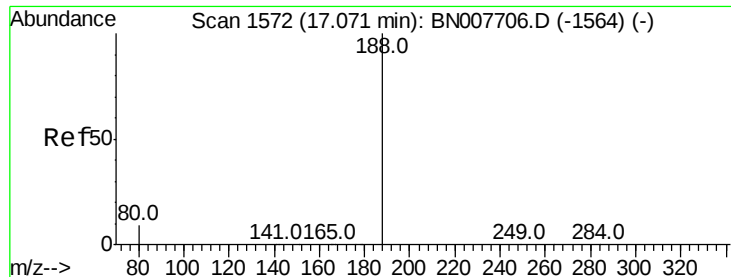
Abundance

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: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

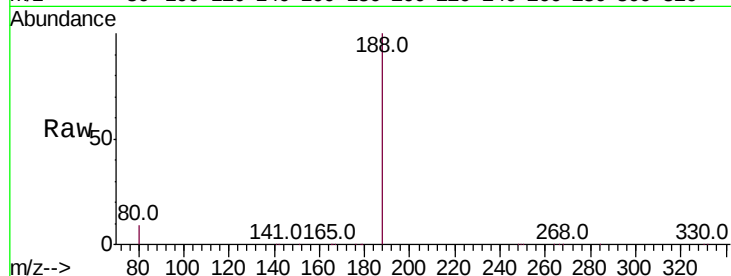
Tot Ion:188 Resp: 34102

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

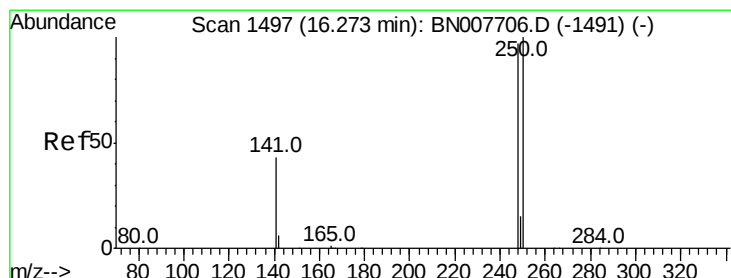
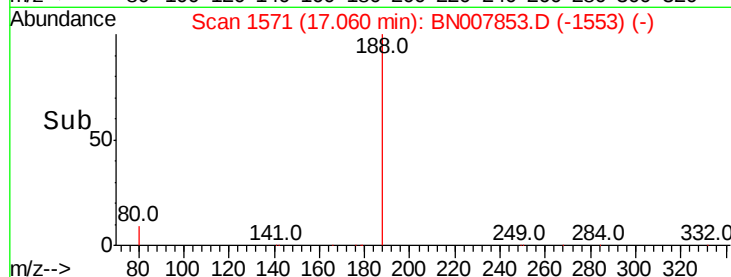
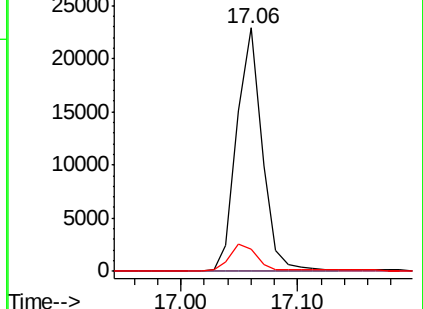
80 9.1 7.4 11.2



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: 0.444 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

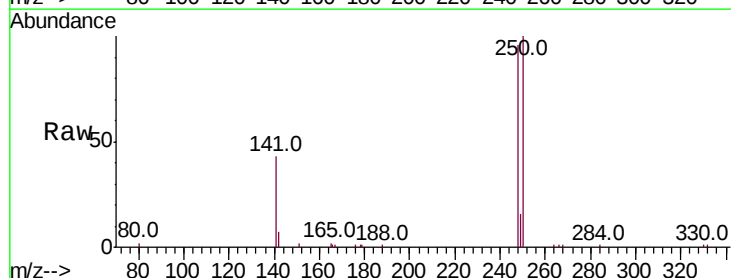
Tgt Ion:248 Resp: 9193

Ion Ratio Lower Upper

248 100

250 103.7 82.2 123.4

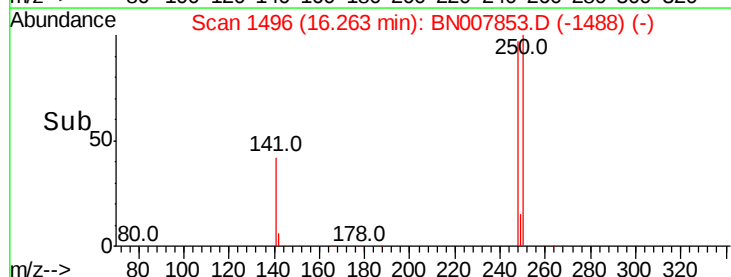
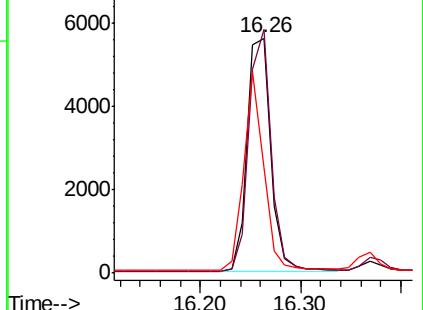
141 44.7 36.3 54.5

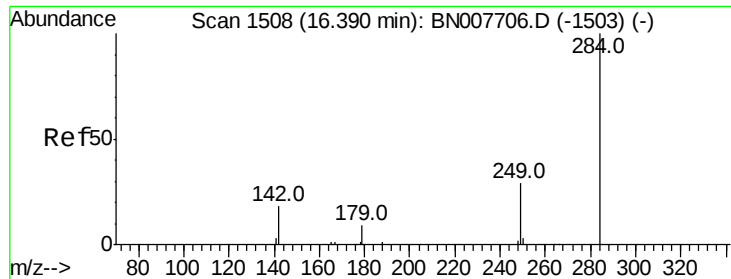


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.469 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

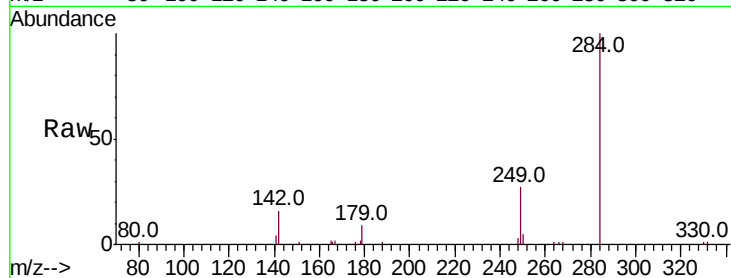
Tot Ion:284 Resp: 10605

Ion Ratio Lower Upper

284 100

142 32.3 25.8 38.6

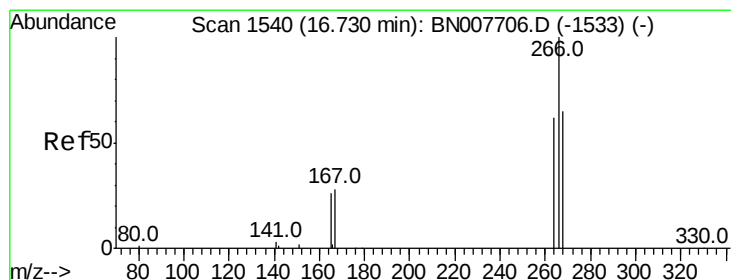
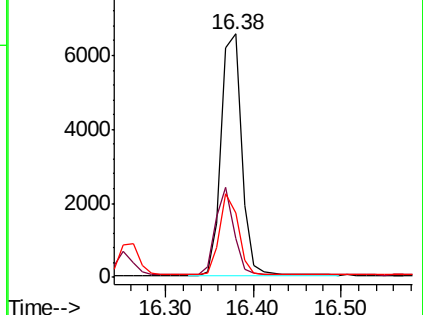
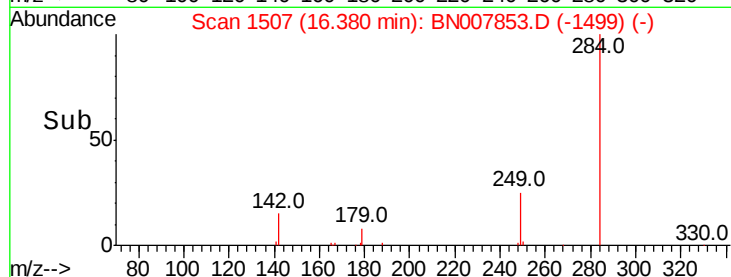
249 31.4 25.9 38.9



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: 0.268 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

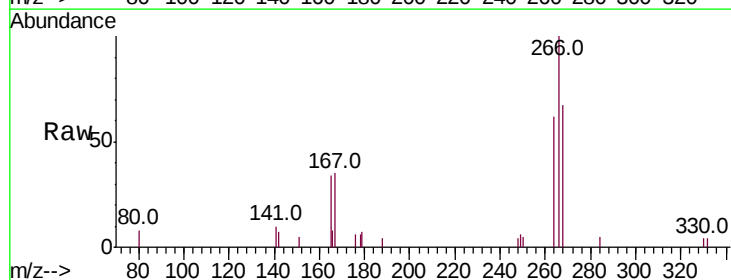
Tgt Ion:266 Resp: 2239

Ion Ratio Lower Upper

266 100

264 61.8 50.0 75.0

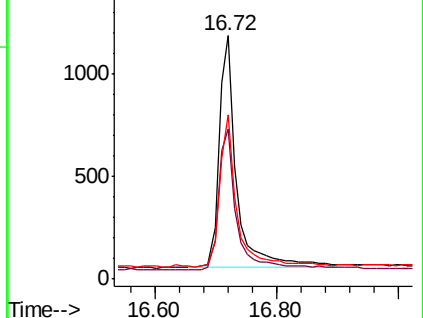
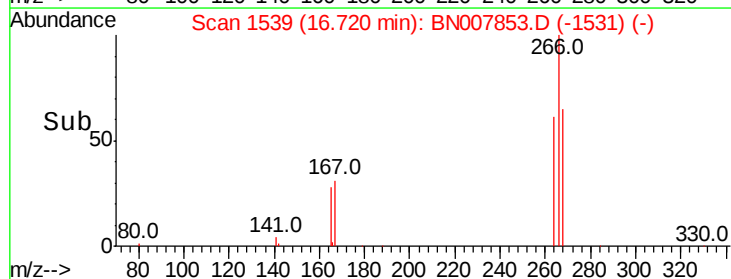
268 67.3 54.2 81.4

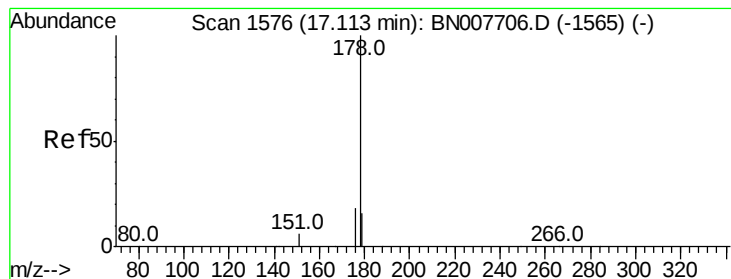


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.429 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

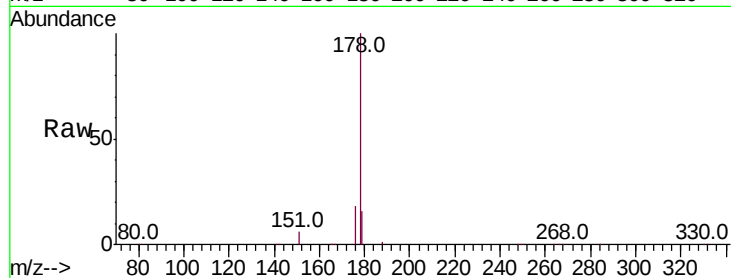
Tot Ion:178 Resp: 45593

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

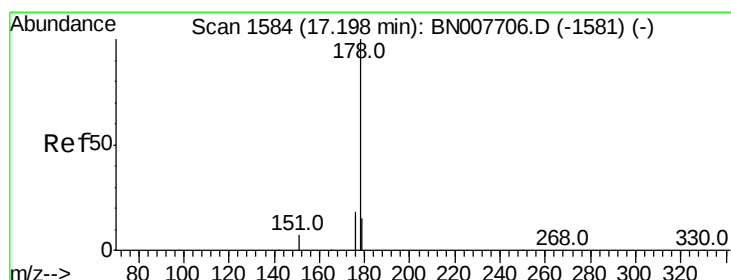
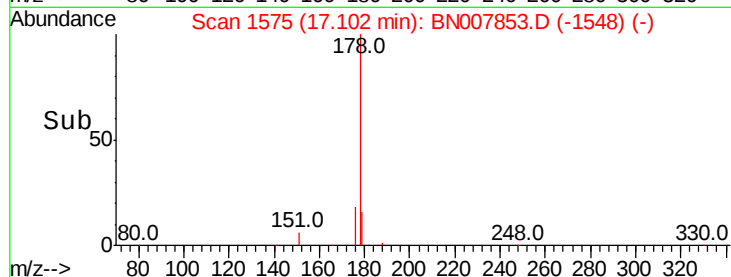
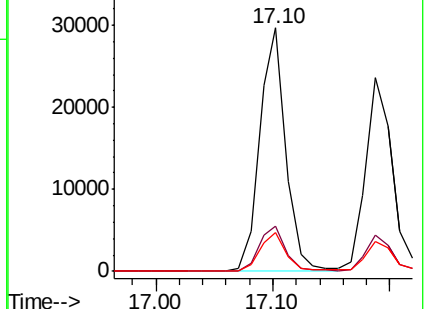
179 15.6 12.5 18.7



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: 0.394 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

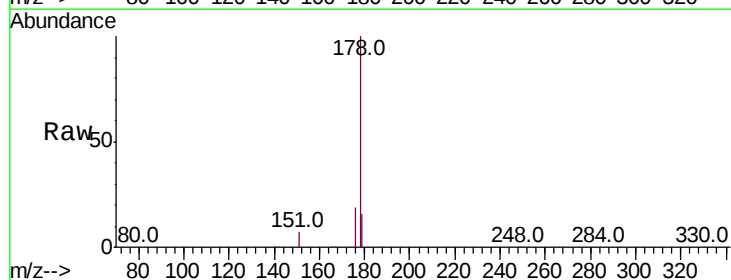
Tgt Ion:178 Resp: 37850

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

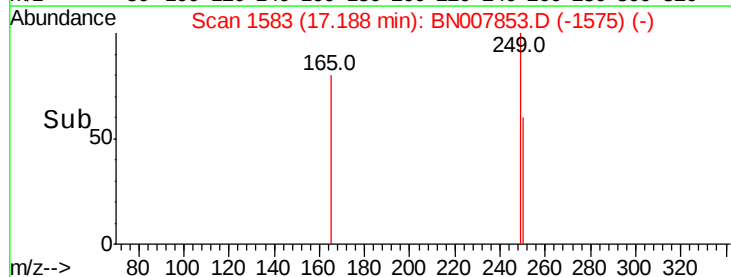
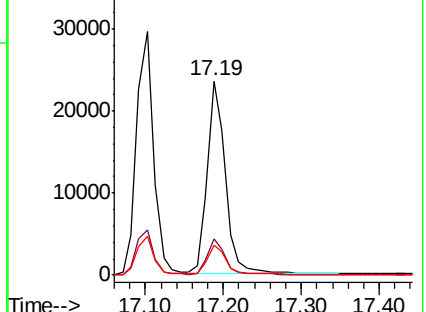
179 15.2 12.2 18.4

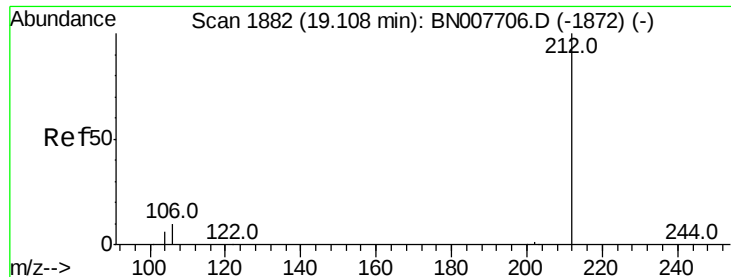


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.356 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

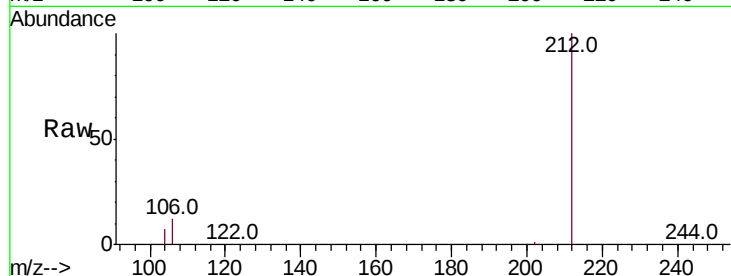
Tot Ion:212 Resp: 40968

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

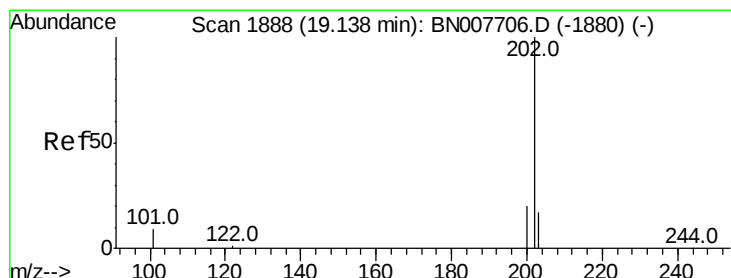
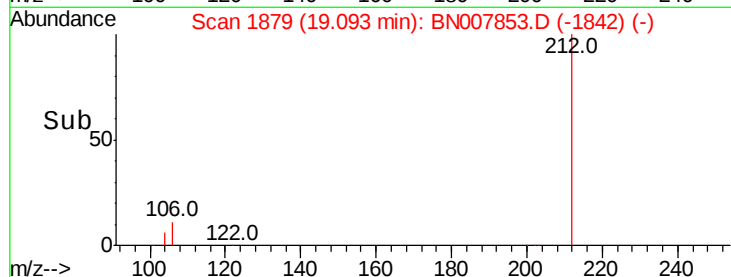
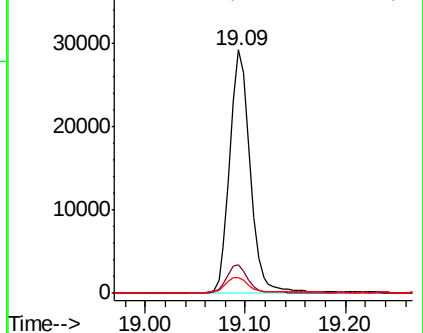
104 6.7 5.3 7.9



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: 0.365 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

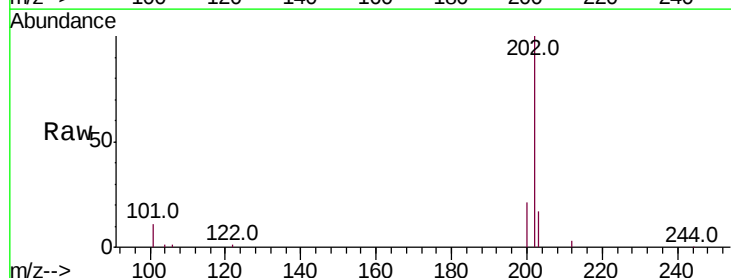
Tgt Ion:202 Resp: 48181

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

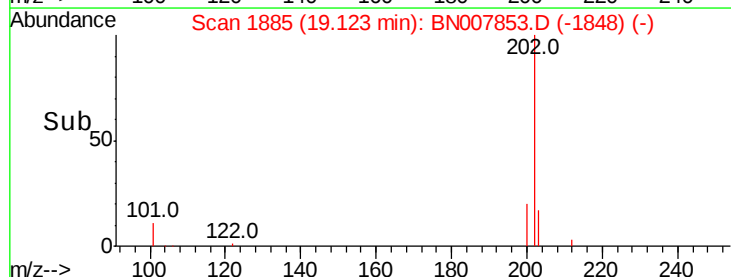
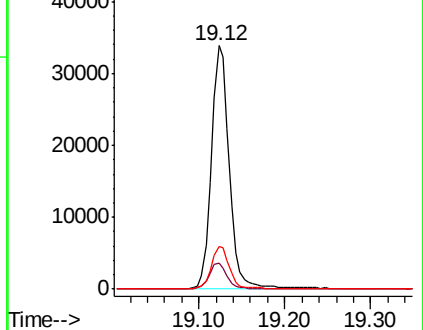
203 17.4 13.8 20.8

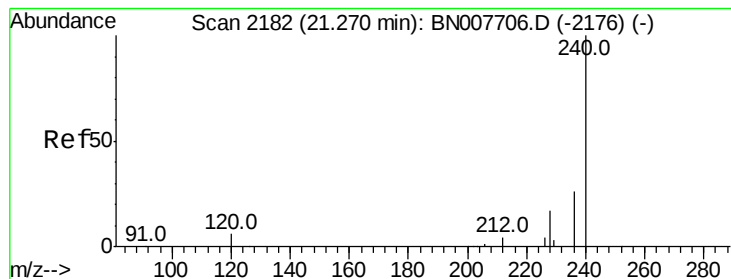


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

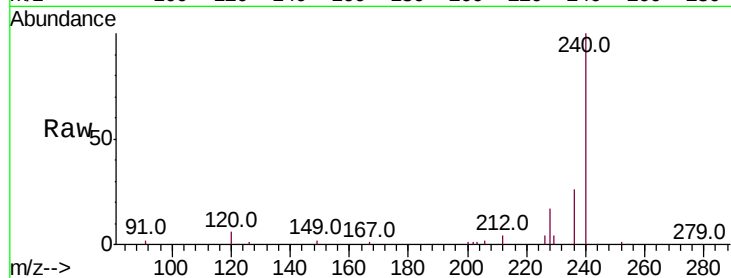
Tot Ion:240 Resp: 29775

Ion Ratio Lower Upper

240 100

120 5.9 5.4 8.2

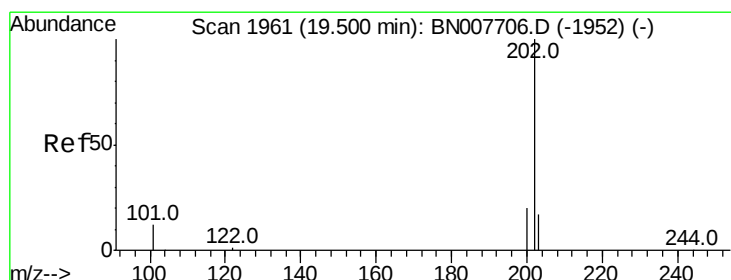
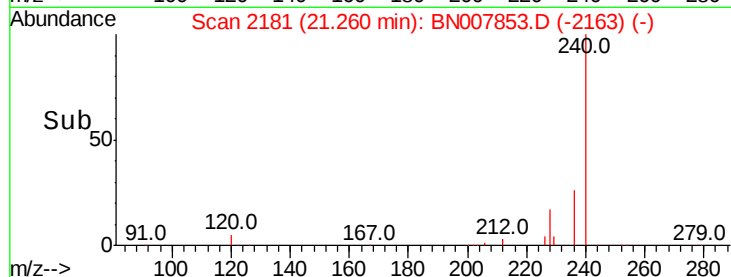
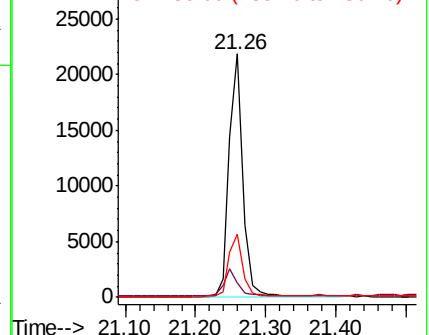
236 26.1 21.0 31.4



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# 1958

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

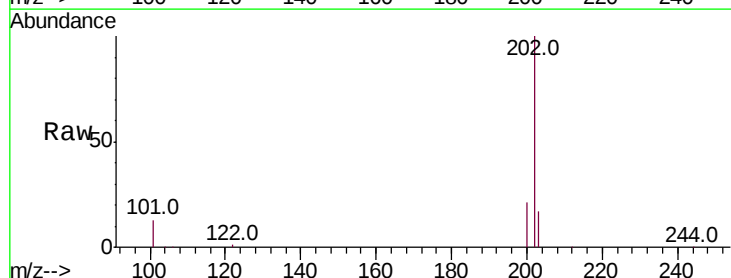
Tgt Ion:202 Resp: 47726

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

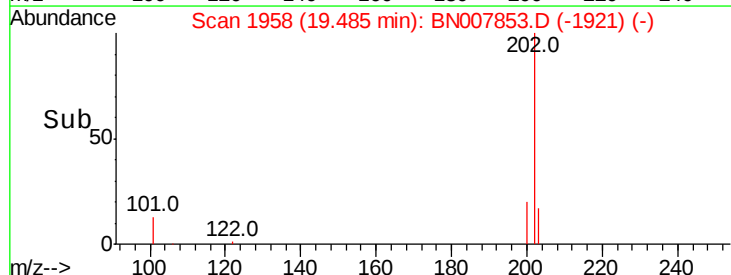
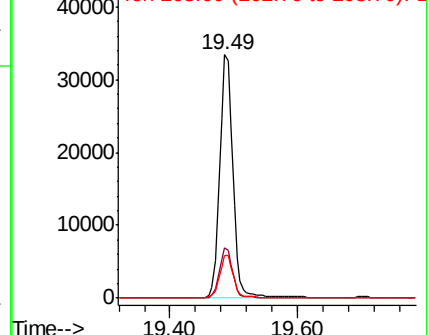
203 17.4 14.1 21.1

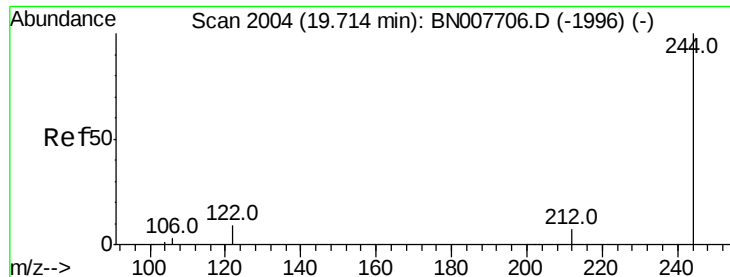


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.470 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

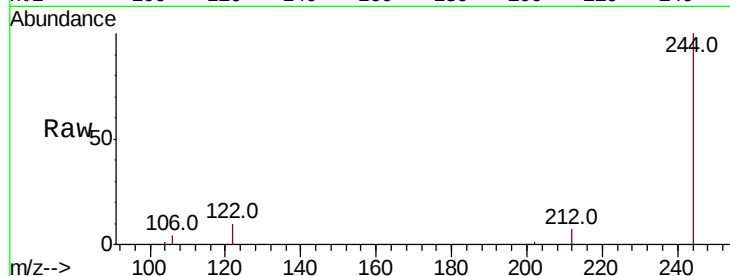
Tot Ion:244 Resp: 34406

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

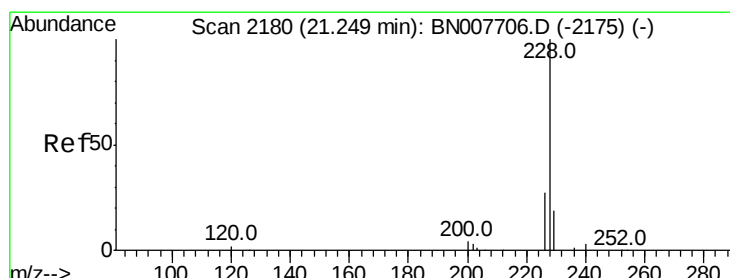
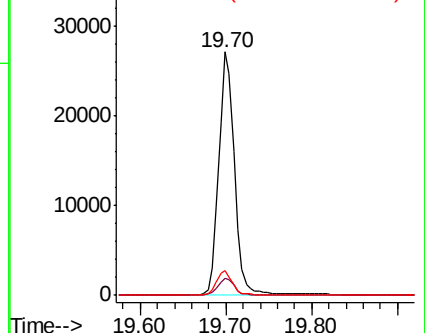
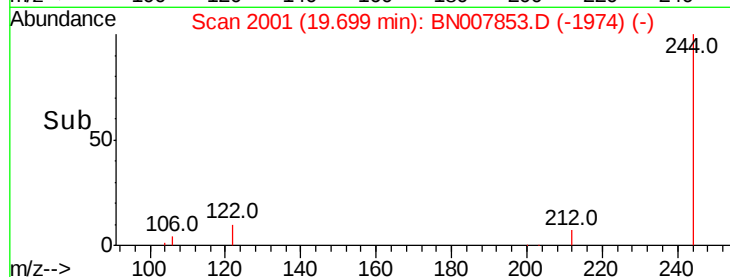
122 10.1 7.4 11.2



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: 0.374 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

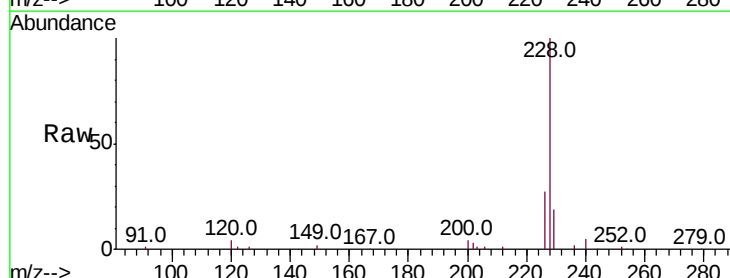
Tgt Ion:228 Resp: 41006

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

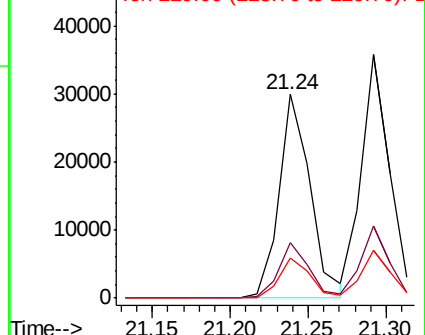
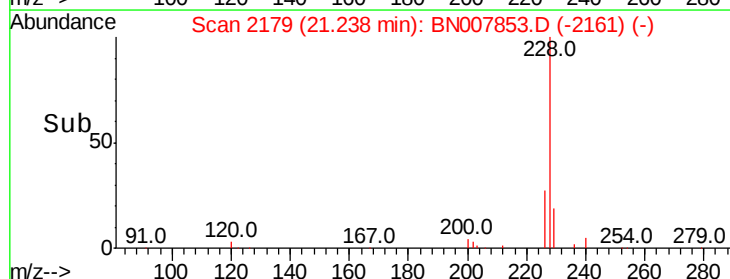
229 19.4 15.8 23.6

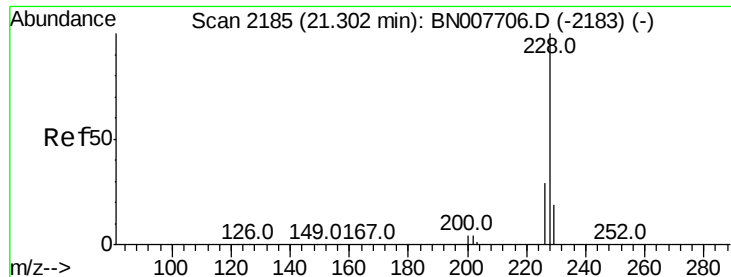


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

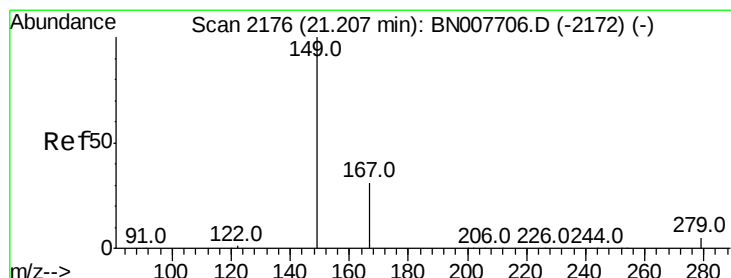
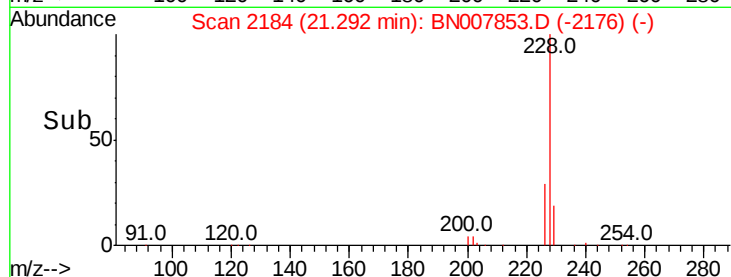
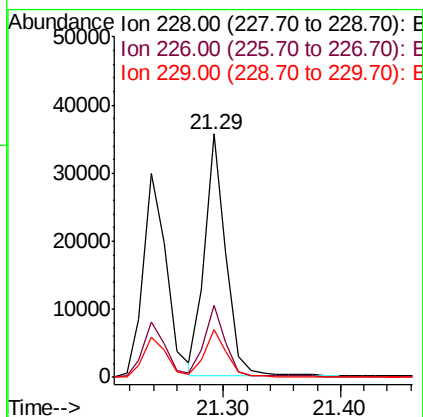
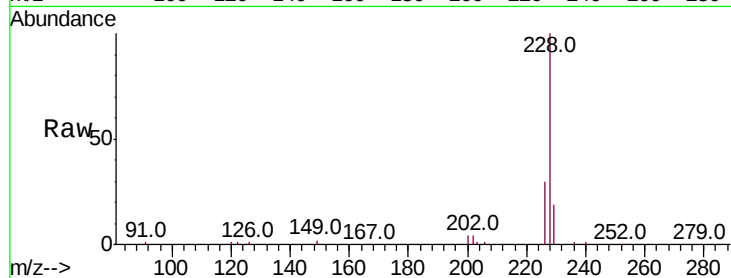
Tot Ion:228 Resp: 45127

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 19.5 15.8 23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.229 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

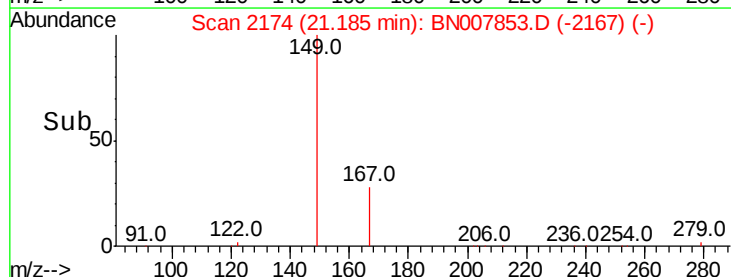
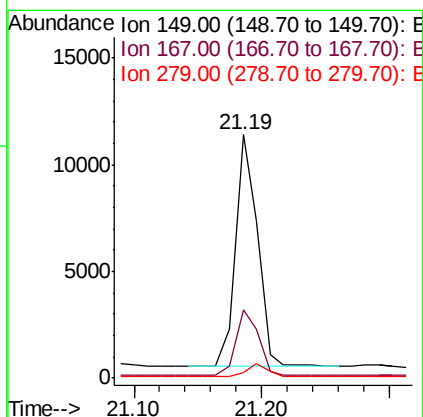
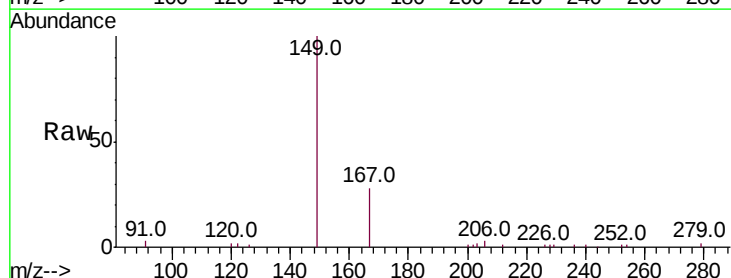
Tgt Ion:149 Resp: 12930

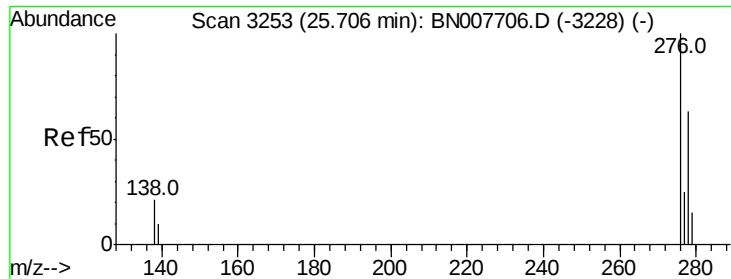
Ion Ratio Lower Upper

149 100

167 29.4 23.7 35.5

279 4.9 4.2 6.2

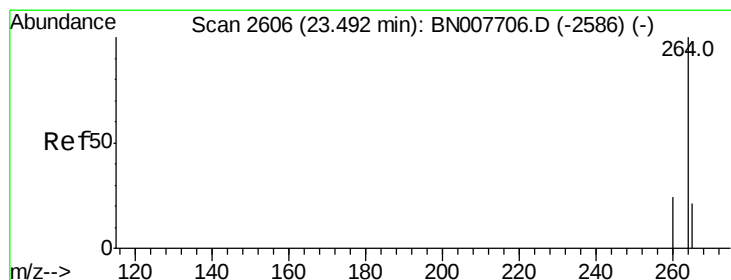
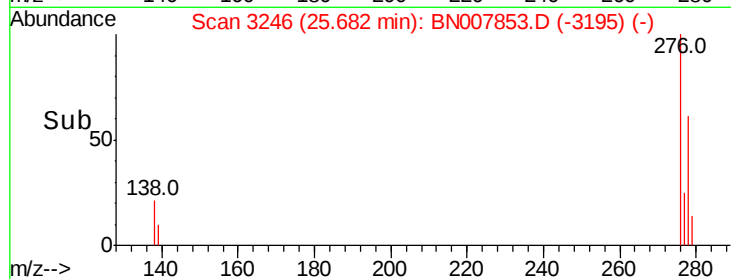
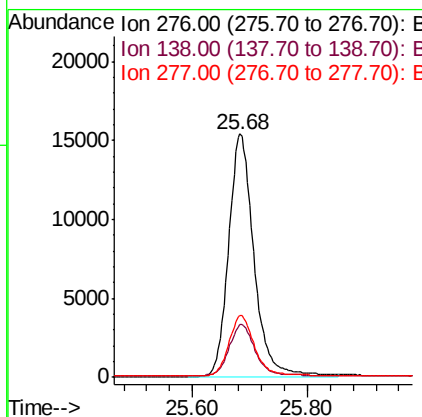
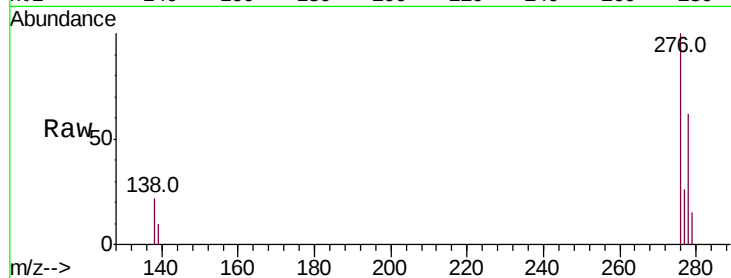




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.352 ng
 RT: 25.68 min Scan# 3246
 Delta R.T. -0.02 min
 Lab File: BN007853.D
 Acq: 25 Sep 2019 14:36

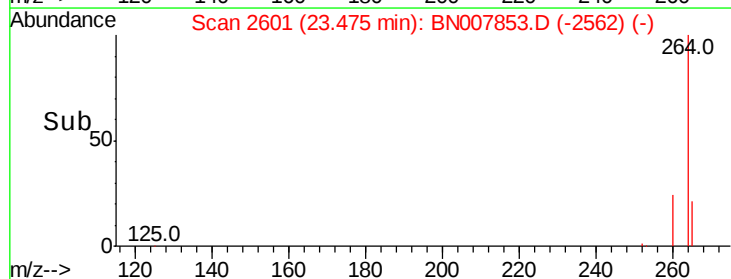
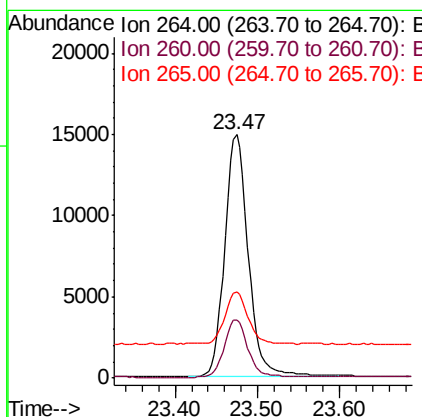
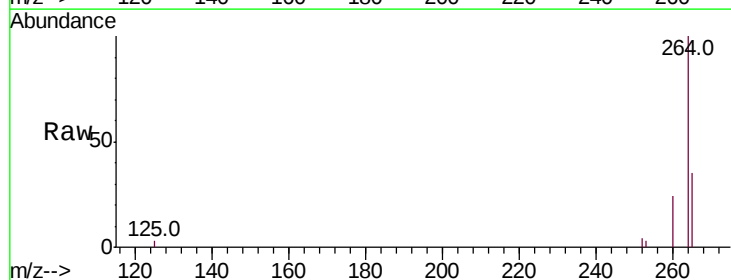
Instrument :
 BNA_N
 ClientSampleId :
 PB123248BSD

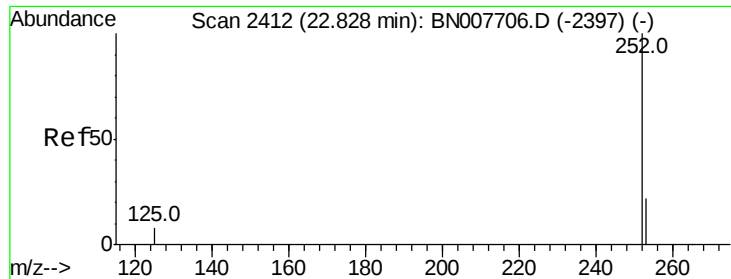
Tot Ion:276 Resp: 47073
 Ion Ratio Lower Upper
 276 100
 138 21.9 17.1 25.7
 277 25.2 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BN007853.D
 Acq: 25 Sep 2019 14:36

Tgt Ion:264 Resp: 29733
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 35.4 26.9 40.3

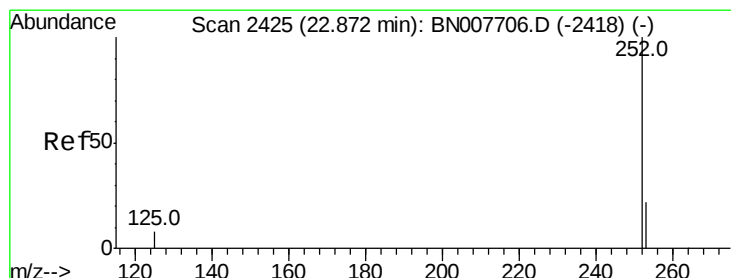
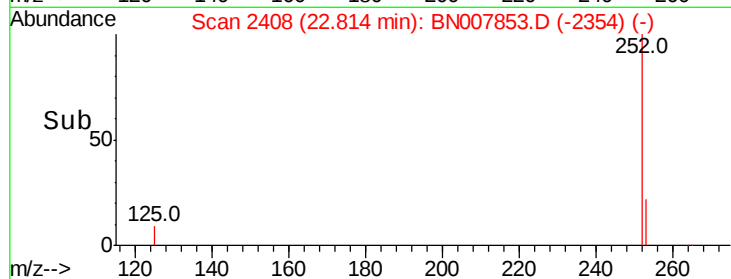
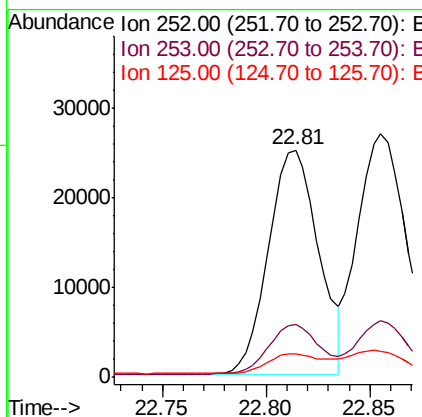
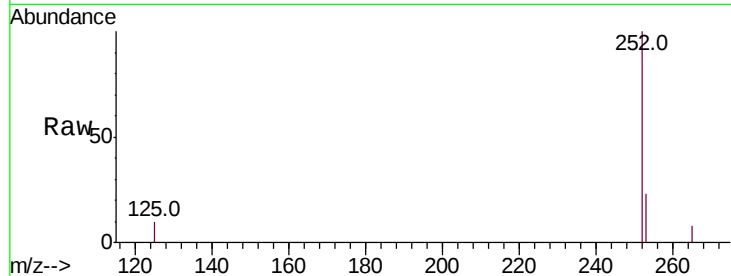




#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

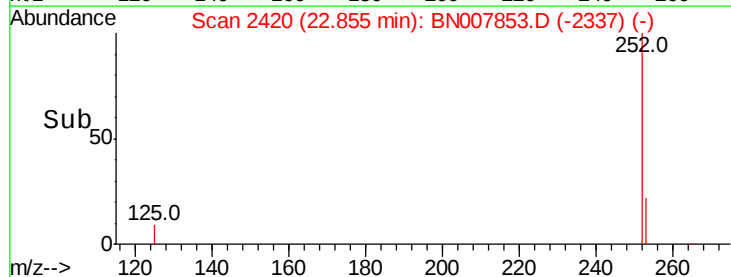
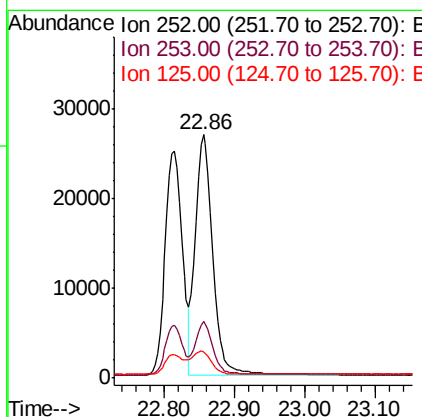
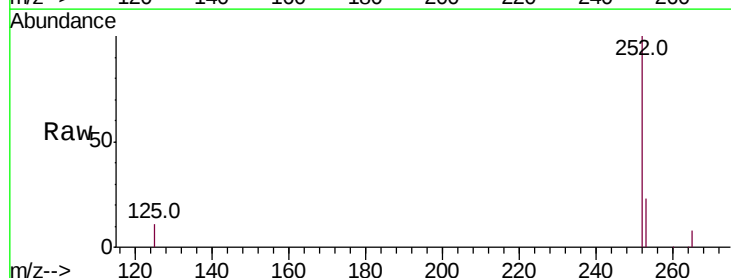
Instrument :
BNA_N
ClientSampleId :
PB123248BSD

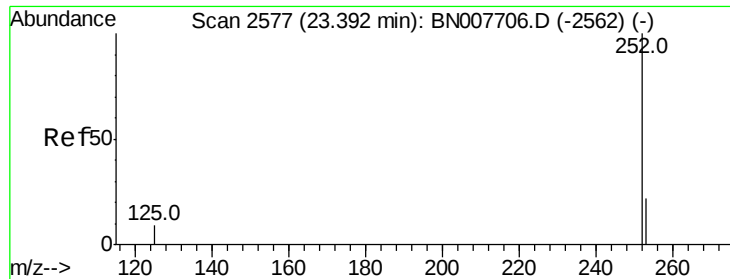
Tot Ion:252 Resp: 42167
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 10.5 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.458 ng
RT: 22.86 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN007853.D
Acq: 25 Sep 2019 14:36

Tgt Ion:252 Resp: 46716
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 10.8 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.38 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

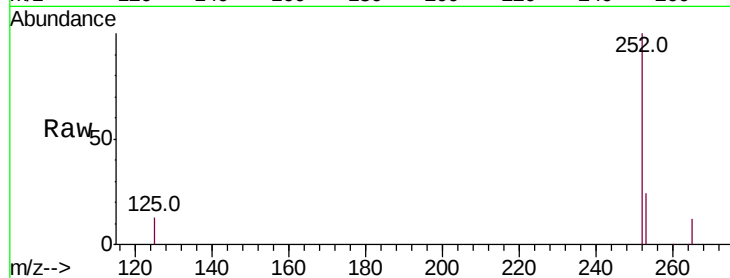
Tot Ion:252 Resp: 38009

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

125 13.4 9.4 14.0

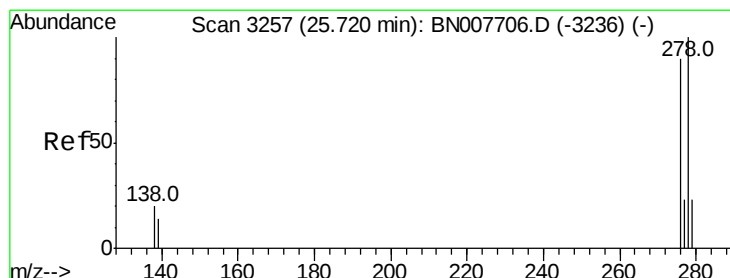
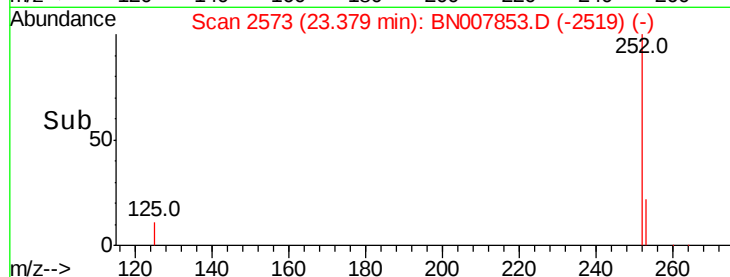
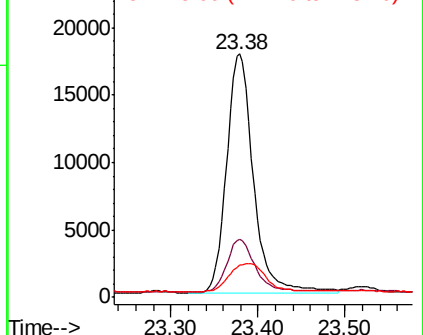


Abundance

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: 0.385 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

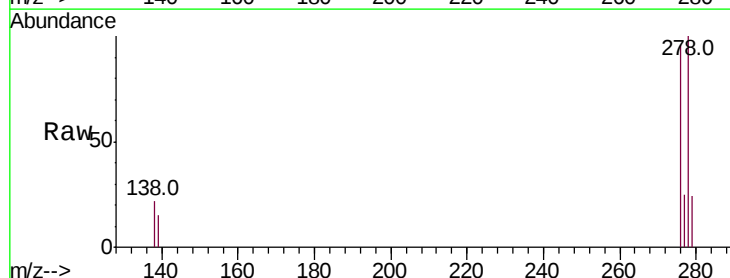
Tgt Ion:278 Resp: 38231

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

279 24.4 19.4 29.2

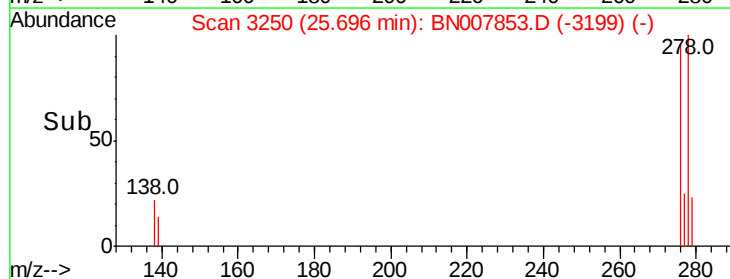
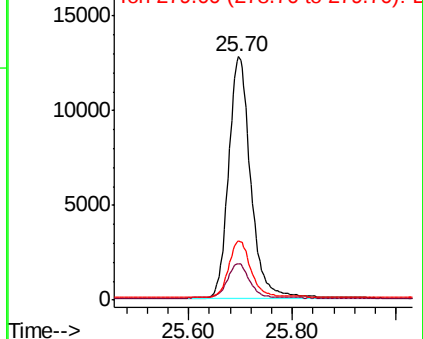


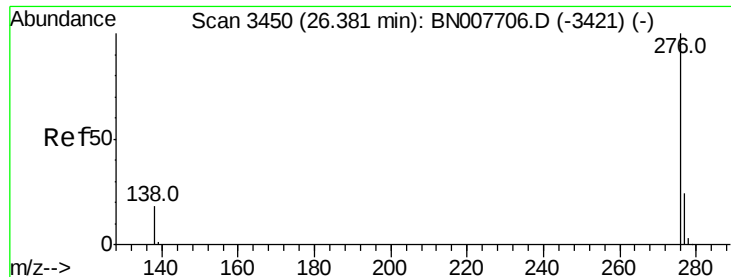
Abundance

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: 0.390 ng

RT: 26.35 min Scan# 3442

Delta R.T. -0.03 min

Lab File: BN007853.D

Acq: 25 Sep 2019 14:36

Instrument :

BNA_N

ClientSampleId :

PB123248BSD

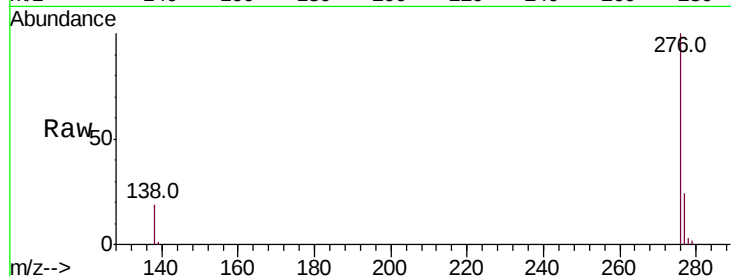
Tot Ion:276 Resp: 38291

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

