

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007854.D
 Acq On : 25 Sep 2019 15:12
 Operator : JU
 Sample : PB123269BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123269BS

Quant Time: Sep 26 03:52:58 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	7807	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	30346	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	17903	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	36228	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	30984	0.40	ng	-0.02
34) Perylene-d12	23.47	264	29525	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	8455	0.31	ng	0.00
5) Phenol-d6	6.86	99	10456	0.31	ng	0.00
8) Nitrobenzene-d5	8.83	82	9552	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	21440	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.80	330	2184	0.22	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	30639	0.42	ng	0.00
25) Fluoranthene-d10	19.10	212	43724	0.36	ng	-0.01
29) Terphenyl-d14	19.70	244	36777	0.48	ng	-0.01

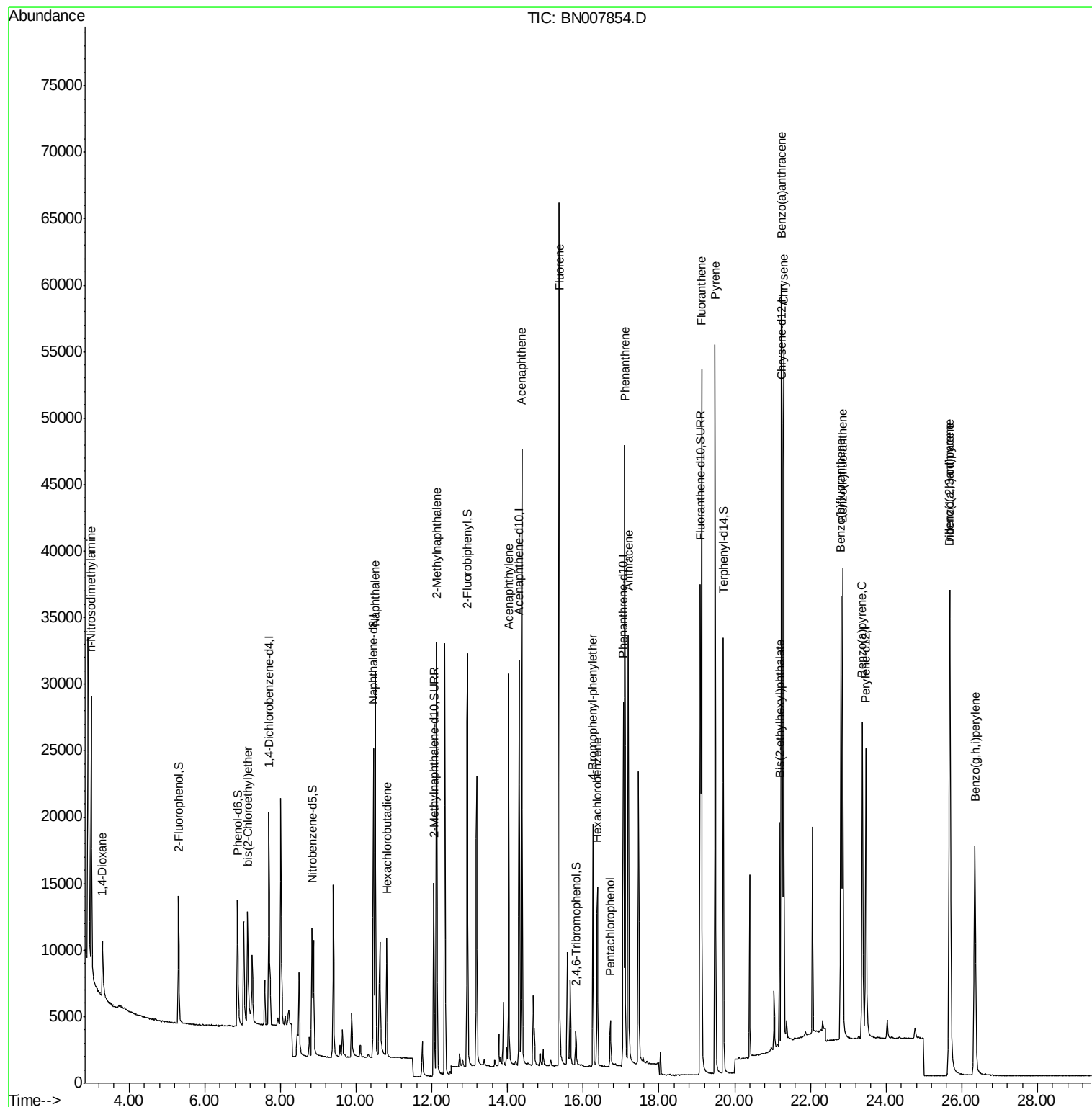
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	3601	0.414	ng	# 82
3) n-Nitrosodimethylamine	3.00	42	2644	0.663	ng	# 91
6) bis(2-Chloroethyl)ether	7.13	93	9006	0.407	ng	98
9) Naphthalene	10.51	128	36231	0.425	ng	99
10) Hexachlorobutadiene	10.81	225	7620	0.425	ng	# 100
12) 2-Methylnaphthalene	12.13	142	24413	0.424	ng	100
16) Acenaphthylene	14.03	152	34336	0.362	ng	100
17) Acenaphthene	14.38	154	23383	0.382	ng	96
18) Fluorene	15.37	166	29695	0.378	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	9741	0.443	ng	94
21) Hexachlorobenzene	16.38	284	11148	0.464	ng	99
22) Pentachlorophenol	16.72	266	2154	0.243	ng	97
23) Phenanthrene	17.10	178	48653	0.431	ng	100
24) Anthracene	17.19	178	40008	0.393	ng	100
26) Fluoranthene	19.12	202	51522	0.367	ng	100
28) Pyrene	19.49	202	50386	0.477	ng	100
30) Benzo(a)anthracene	21.24	228	41460	0.363	ng	98
31) Chrysene	21.29	228	48435	0.436	ng	98
32) Bis(2-ethylhexyl)phthalate	21.19	149	13355	0.228	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	46123	0.331	ng	99
35) Benzo(b)fluoranthene	22.81	252	41993	0.410	ng	100
36) Benzo(k)fluoranthene	22.85	252	46317	0.457	ng	100
37) Benzo(a)pyrene	23.37	252	37284	0.387	ng	98
38) Dibenzo(a,h)anthracene	25.69	278	37364	0.379	ng	100
39) Benzo(g,h,i)perylene	26.35	276	37577	0.385	ng	99

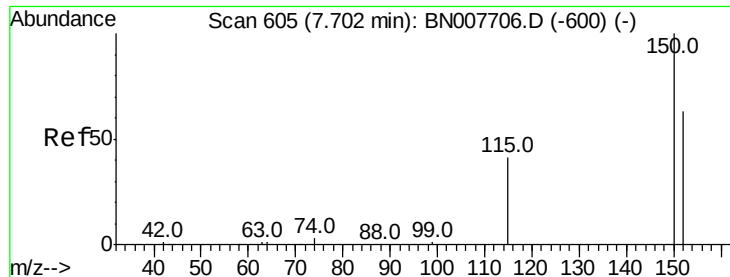
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 18 18:24:40 2019
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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: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

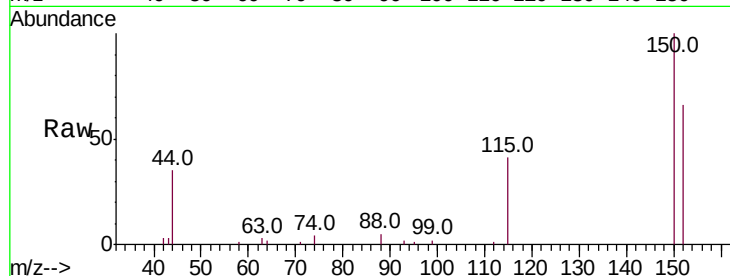
Tot Ion:152 Resp: 7807

Ion Ratio Lower Upper

152 100

150 152.6 125.6 188.4

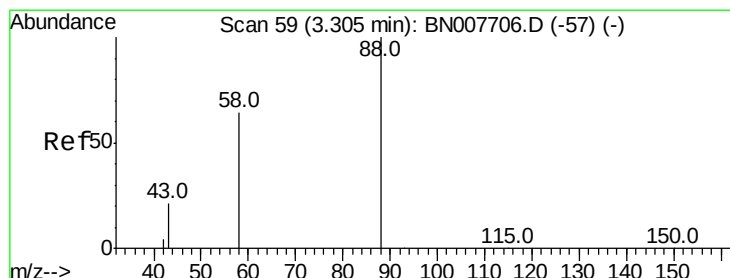
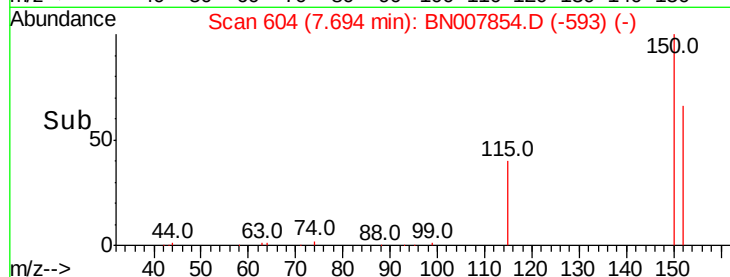
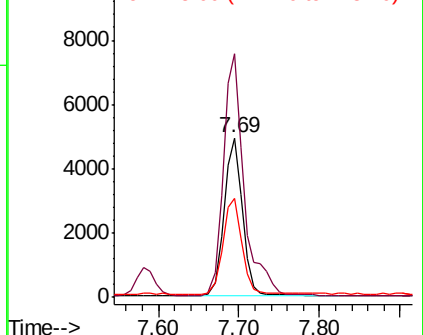
115 62.1 53.3 79.9



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: 0.414 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

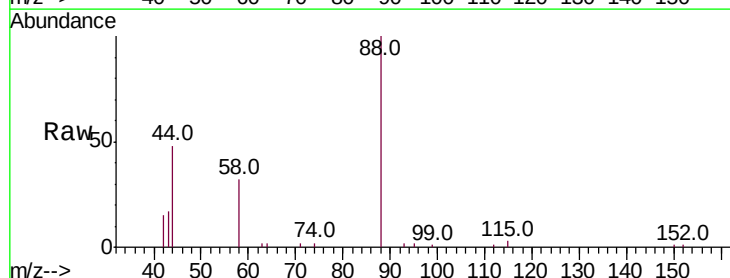
Tgt Ion: 88 Resp: 3601

Ion Ratio Lower Upper

88 100

58 70.0 44.6 66.8#

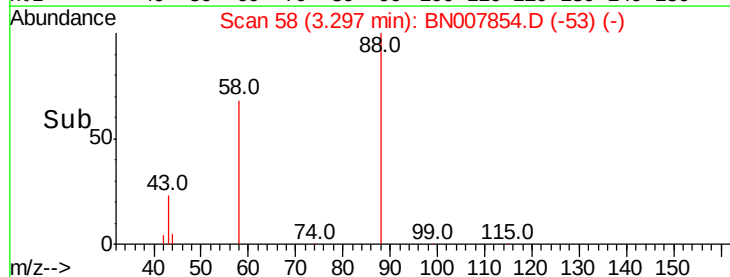
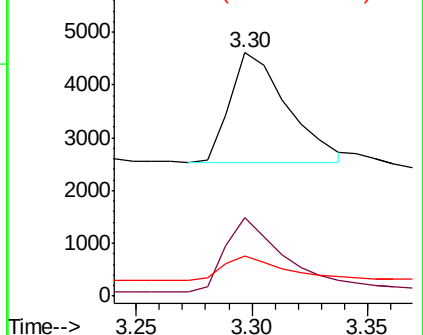
43 23.8 14.4 21.6#

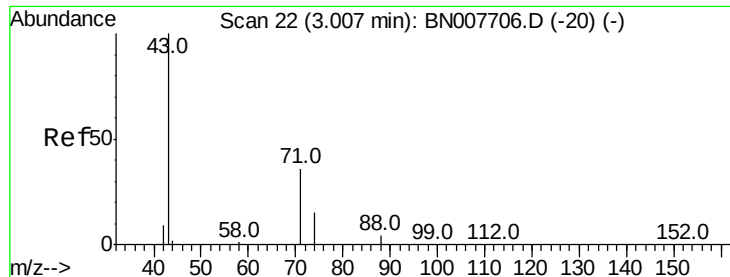


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.663 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

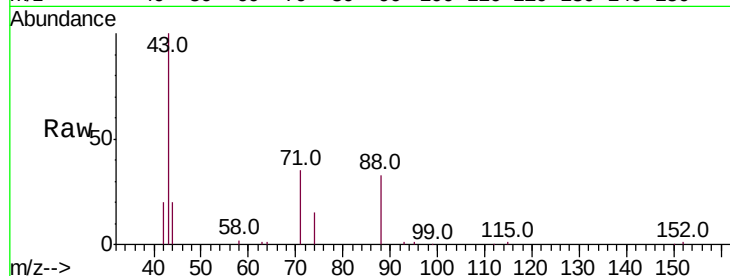
Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :
PB123269BS

Tot Ion: 42 Resp: 2644

Ion	Ratio	Lower	Upper
42	100		
74	111.2	87.9	131.9
44	18.5	29.4	44.0#

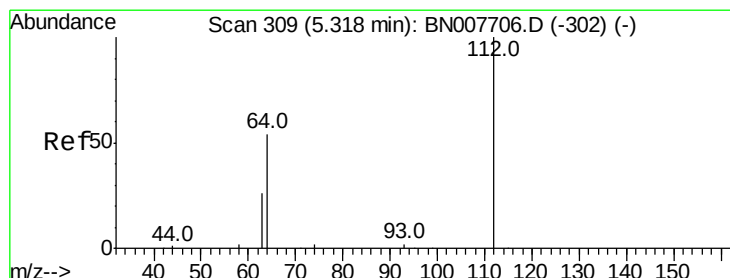
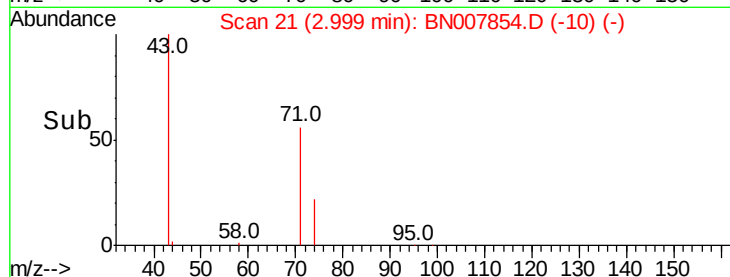
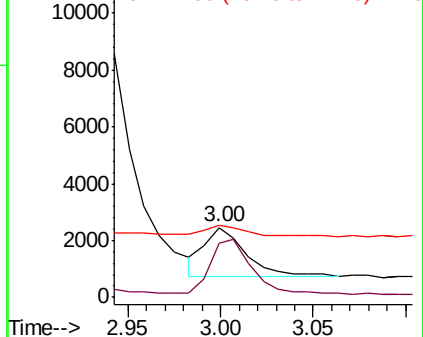


Abundance

Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.315 ng

RT: 5.31 min Scan# 308

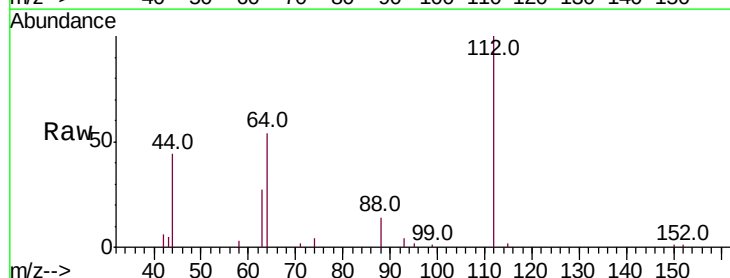
Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Tgt Ion: 112 Resp: 8455

Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.6	70.0
63	29.8	23.1	34.7

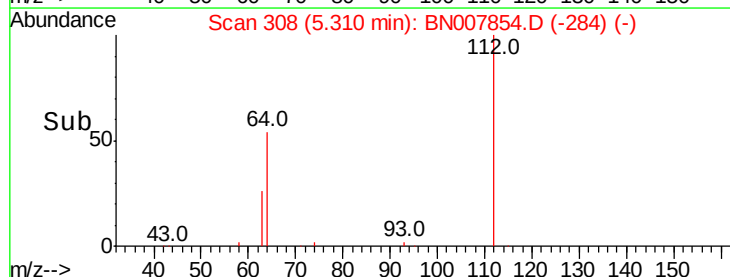
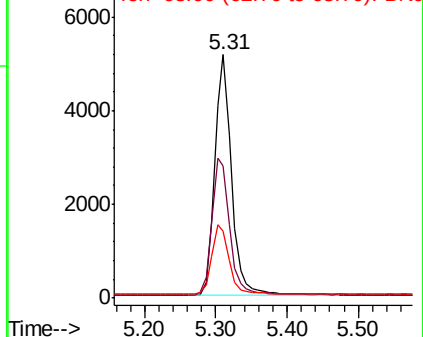


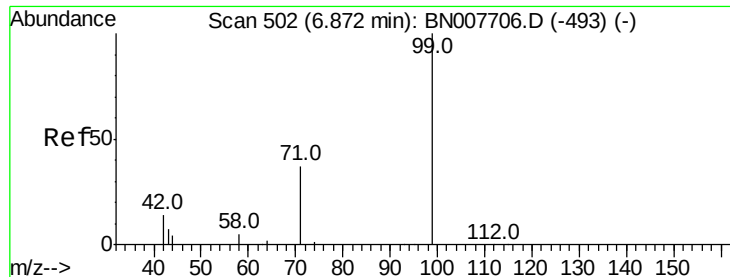
Abundance

Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.311 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

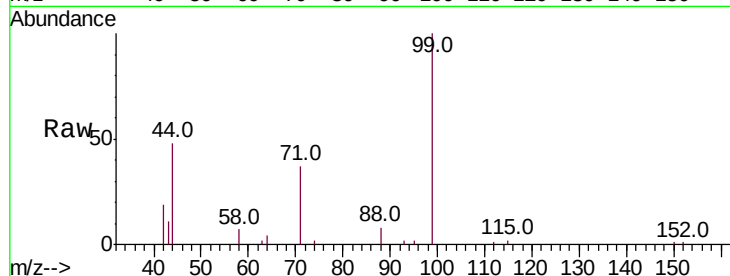
Tot Ion: 99 Resp: 10456

Ion Ratio Lower Upper

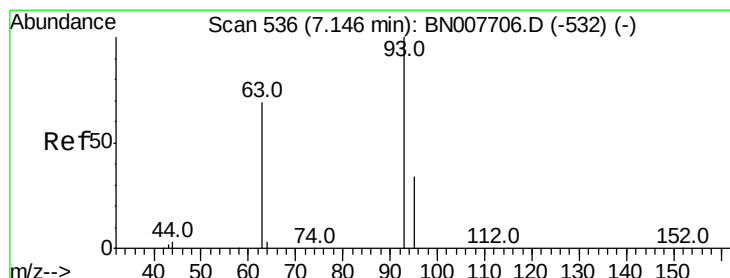
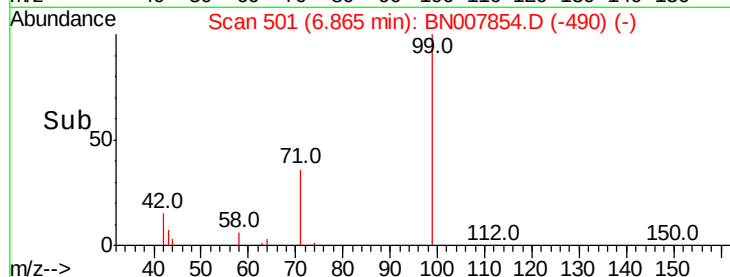
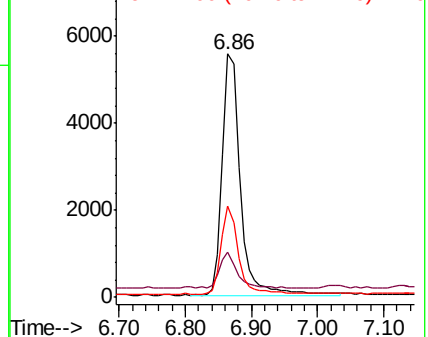
99 100

42 13.9 12.8 19.2

71 34.7 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.407 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

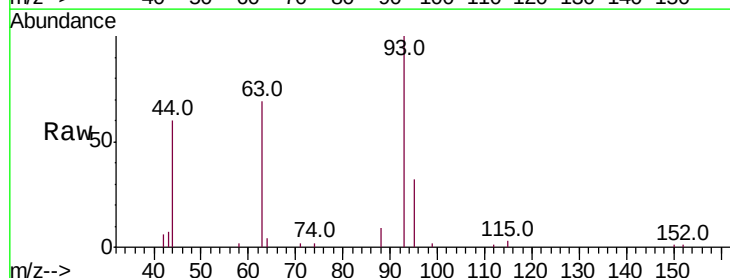
Tgt Ion: 93 Resp: 9006

Ion Ratio Lower Upper

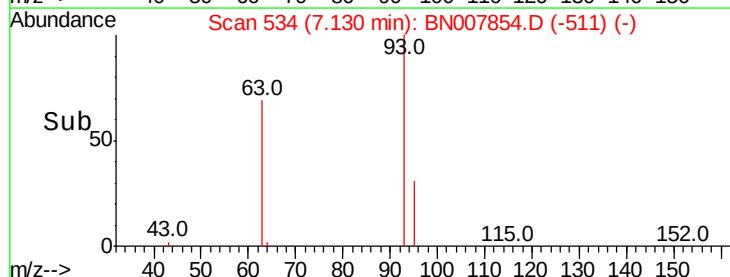
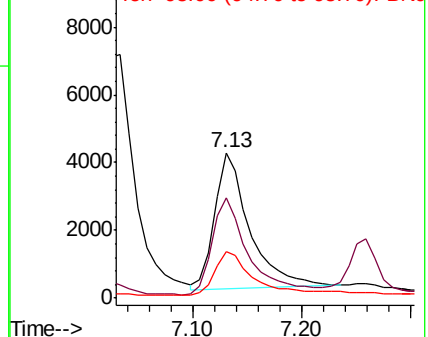
93 100

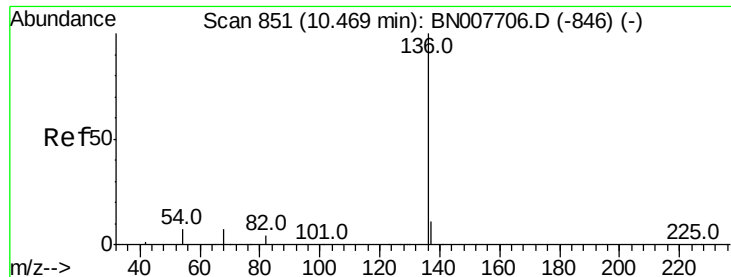
63 75.4 59.3 88.9

95 37.6 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

Tot Ion:136 Resp: 30346

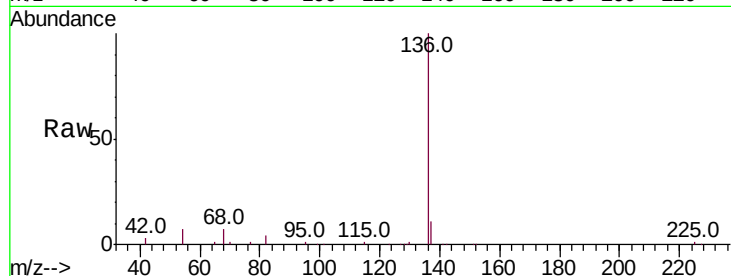
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.6 5.8 8.8

68 7.2 6.5 9.7

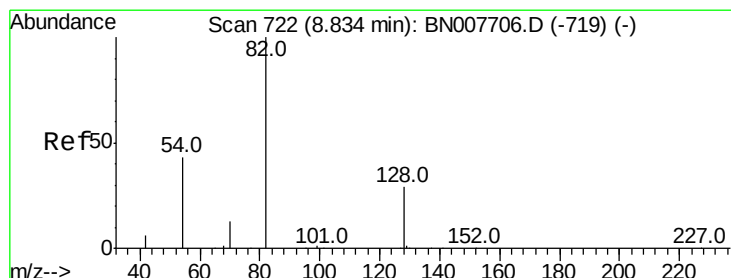
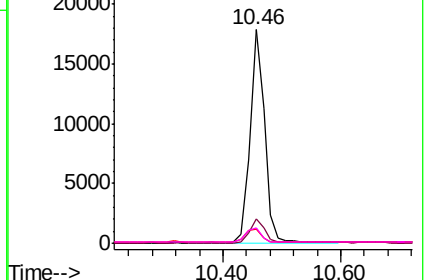
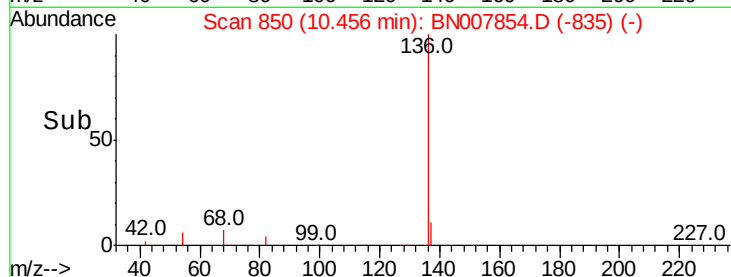


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.360 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

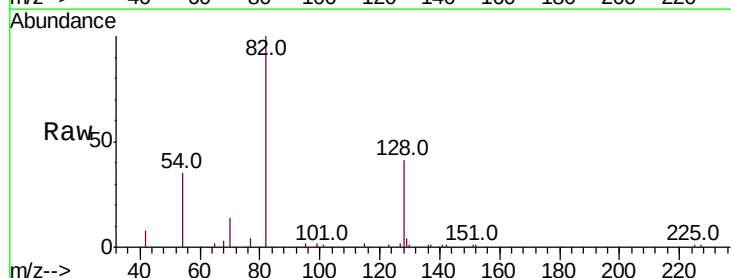
Tgt Ion: 82 Resp: 9552

Ion Ratio Lower Upper

82 100

128 40.9 24.5 36.7#

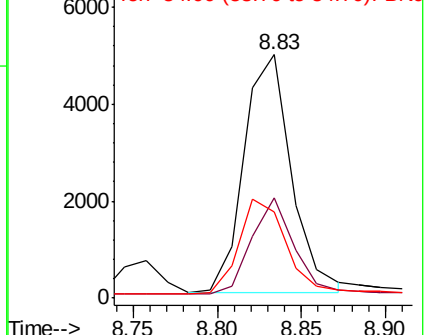
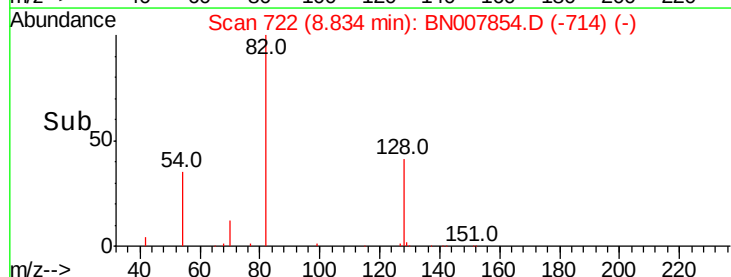
54 35.4 35.2 52.8

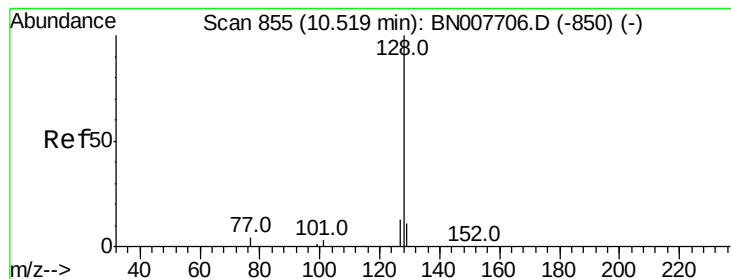


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

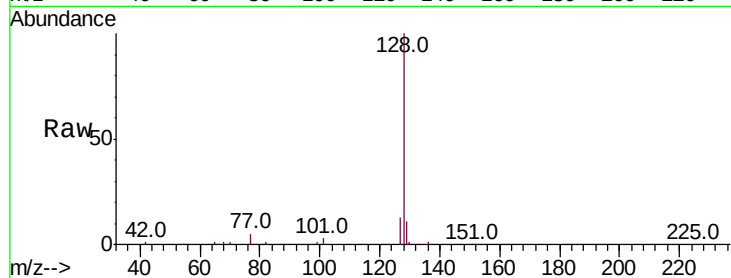
Tot Ion:128 Resp: 36231

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

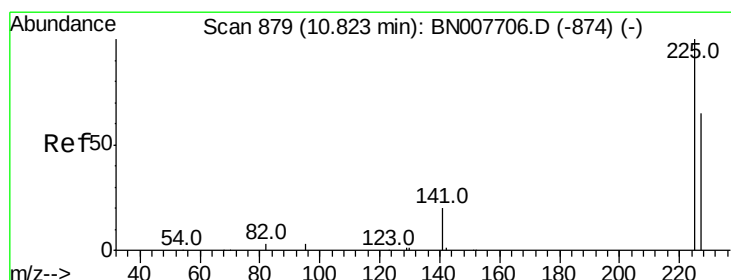
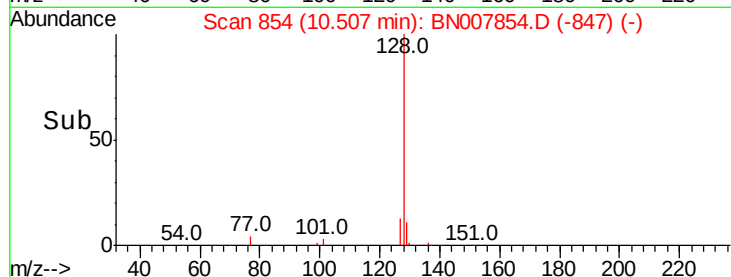
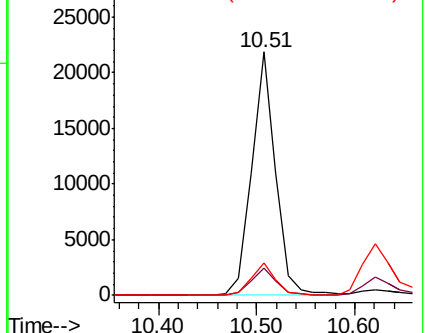
127 13.3 10.6 15.8



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: 0.425 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

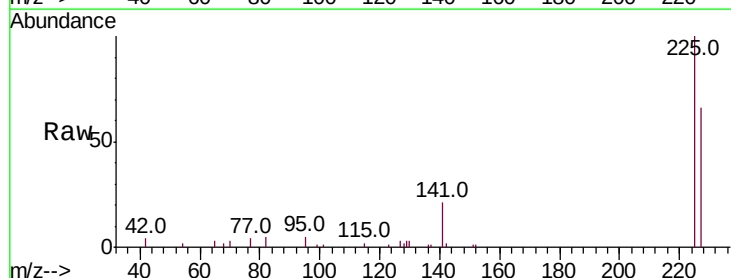
Tgt Ion:225 Resp: 7620

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

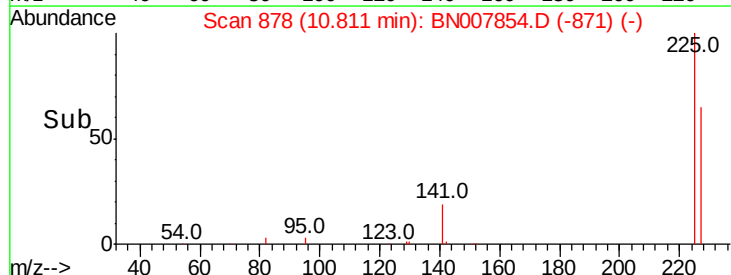
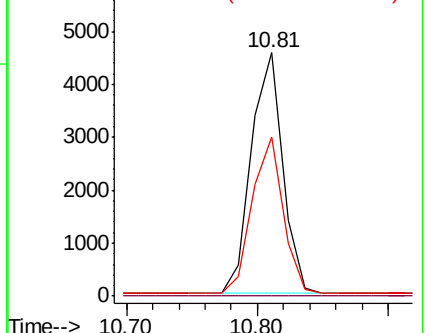
227 64.4 51.2 76.8

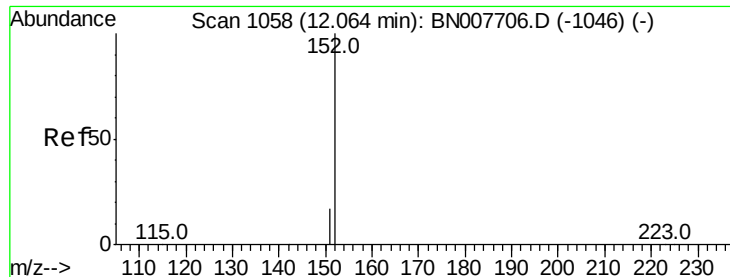


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

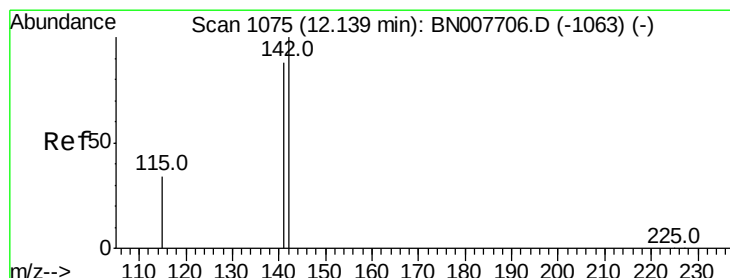
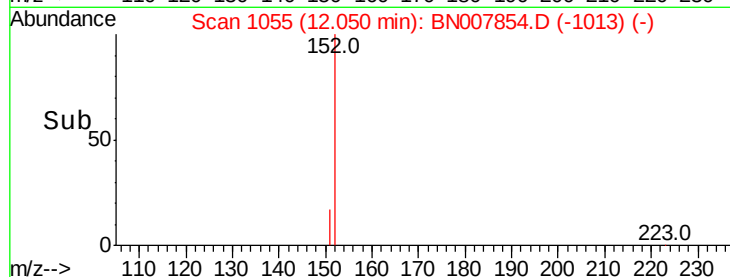
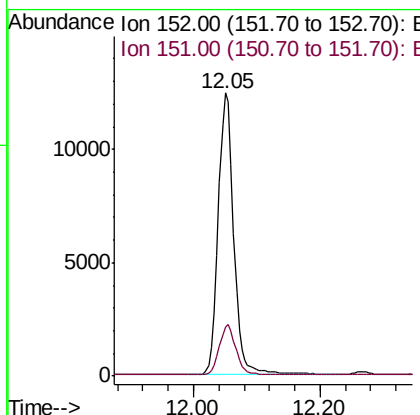
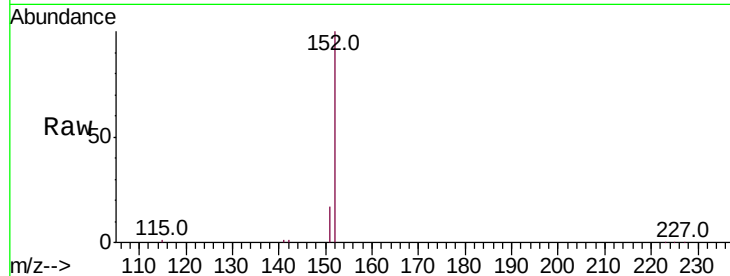




#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007854.D
 Acq: 25 Sep 2019 15:12

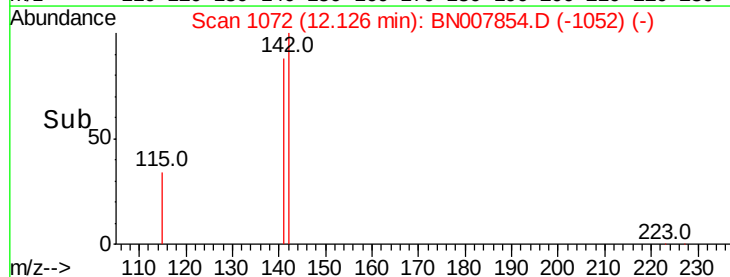
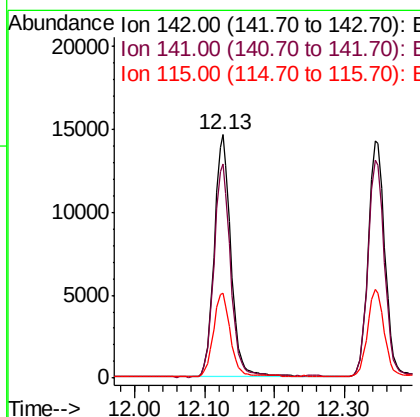
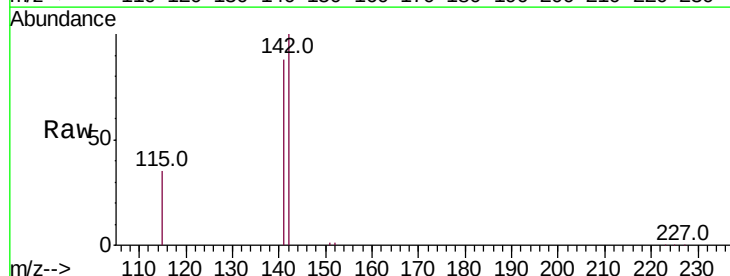
Instrument :
 BNA_N
 ClientSampleId :
 PB123269BS

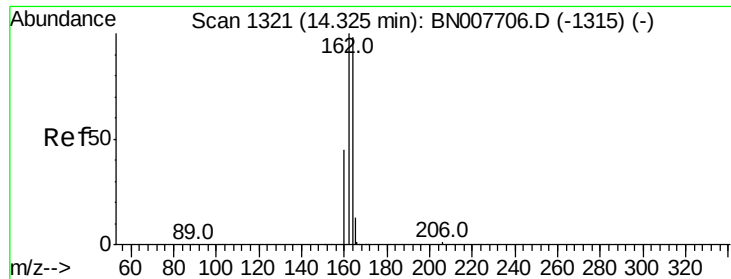
Tot Ion:152 Resp: 21440
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.424 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007854.D
 Acq: 25 Sep 2019 15:12

Tgt Ion:142 Resp: 24413
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.6 106.0
 115 34.8 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

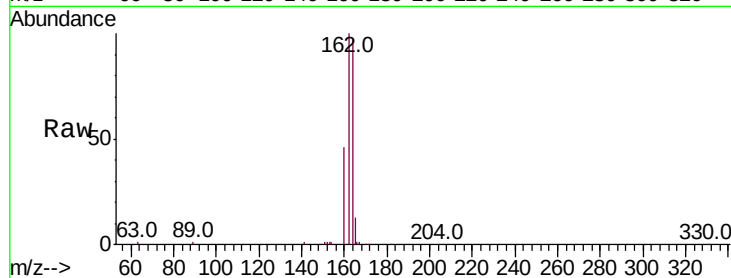
Tot Ion:164 Resp: 17903

Ion Ratio Lower Upper

164 100

162 103.3 81.7 122.5

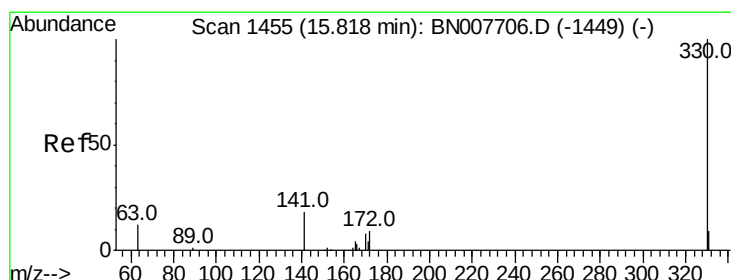
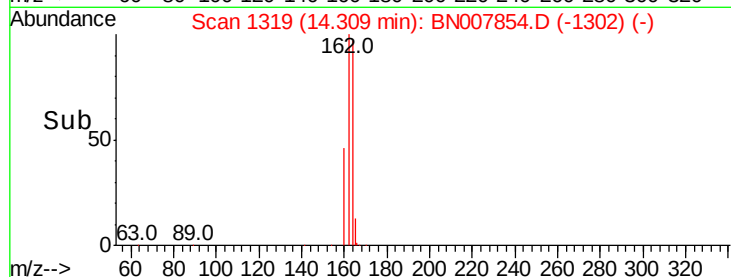
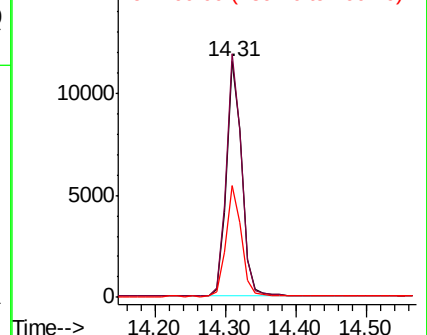
160 47.6 37.0 55.4



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: 0.224 ng

RT: 15.80 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

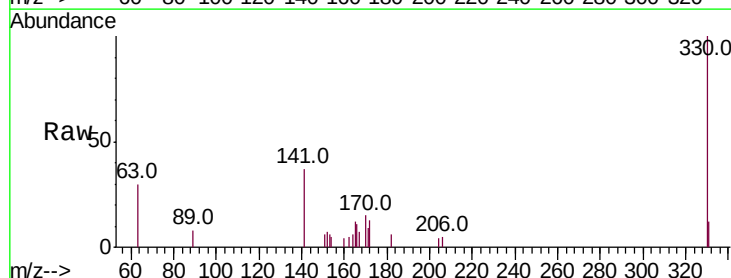
Tgt Ion:330 Resp: 2184

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

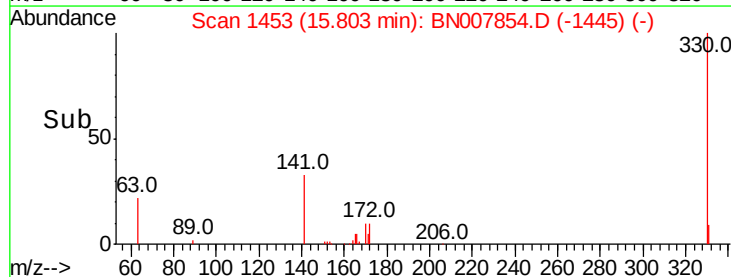
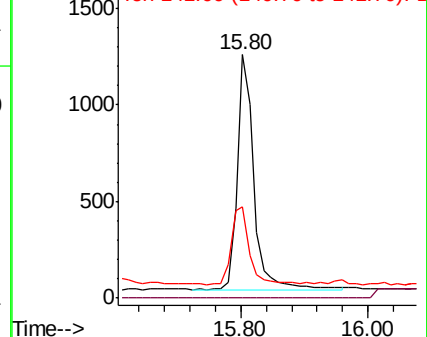
141 36.8 28.7 43.1

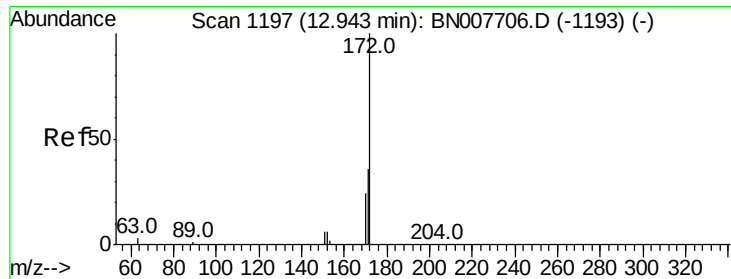


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

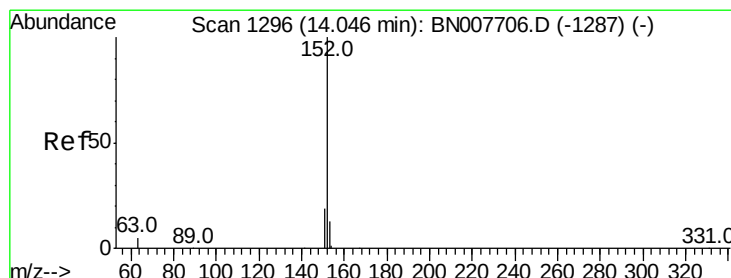
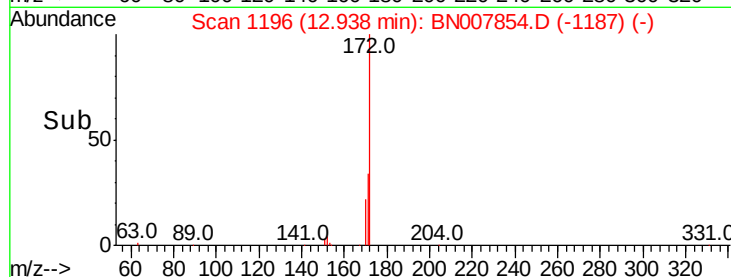
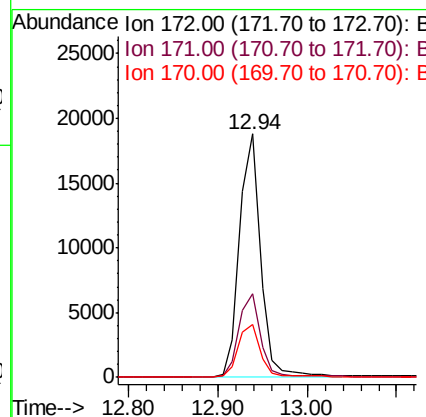
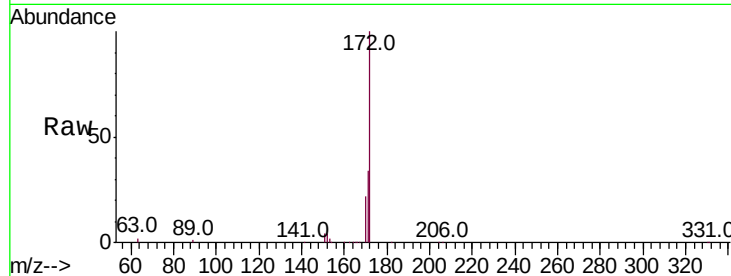




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.94 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BN007854.D
Acq: 25 Sep 2019 15:12

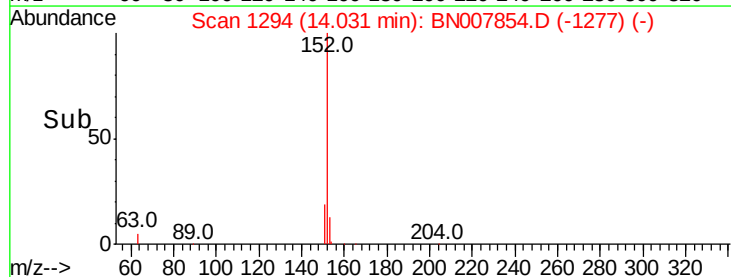
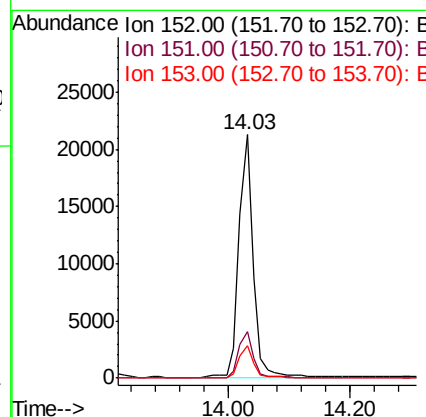
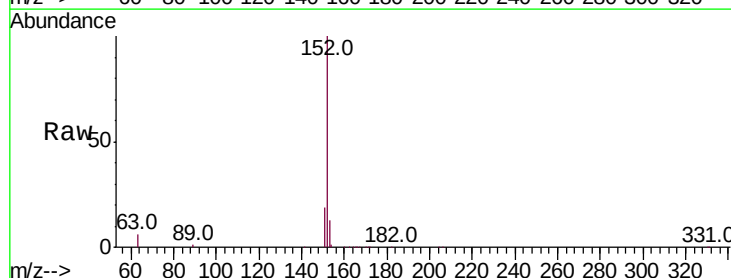
Instrument :
BNA_N
ClientSampleId :
PB123269BS

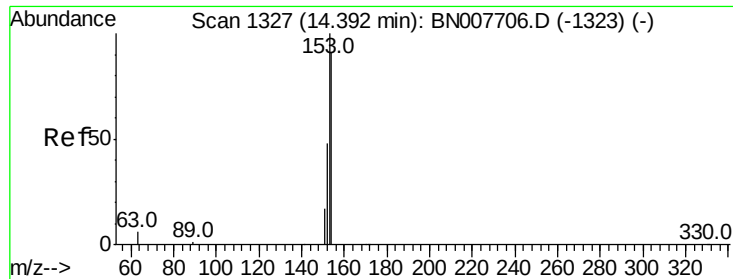
Tot Ion:172 Resp: 30639
Ion Ratio Lower Upper
172 100
171 34.1 28.8 43.2
170 21.7 19.5 29.3



#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007854.D
Acq: 25 Sep 2019 15:12

Tgt Ion:152 Resp: 34336
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.382 ng

RT: 14.38 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

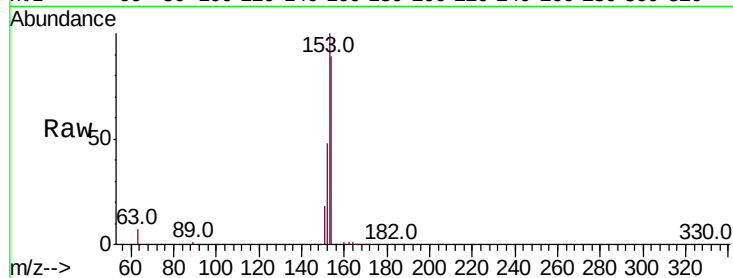
Tot Ion:154 Resp: 23383

Ion Ratio Lower Upper

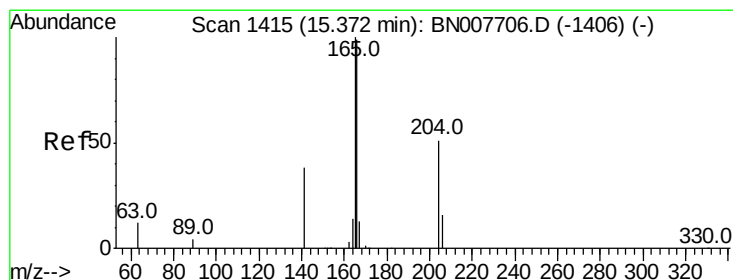
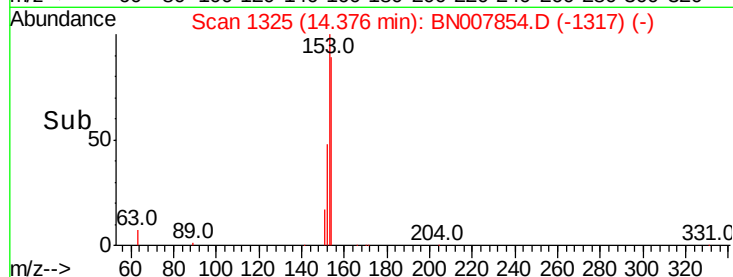
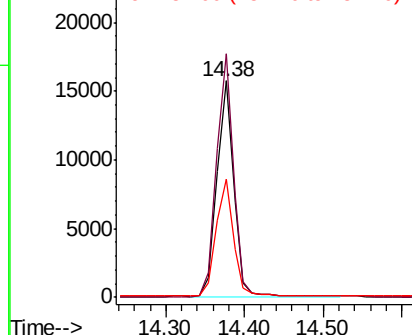
154 100

153 112.7 87.0 130.4

152 55.9 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: 0.378 ng

RT: 15.37 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

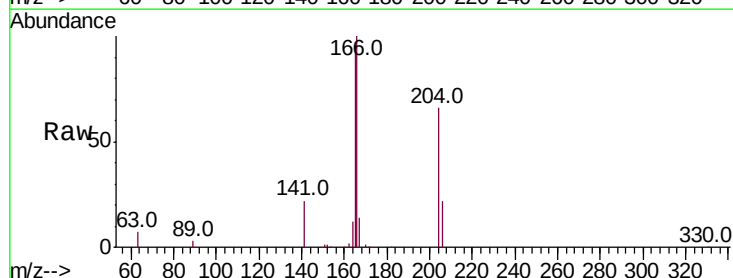
Tgt Ion:166 Resp: 29695

Ion Ratio Lower Upper

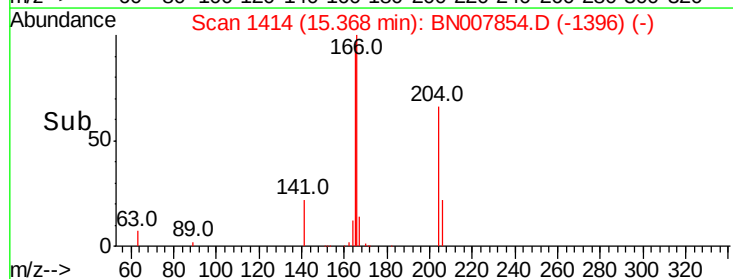
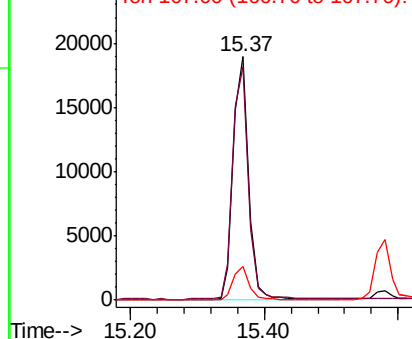
166 100

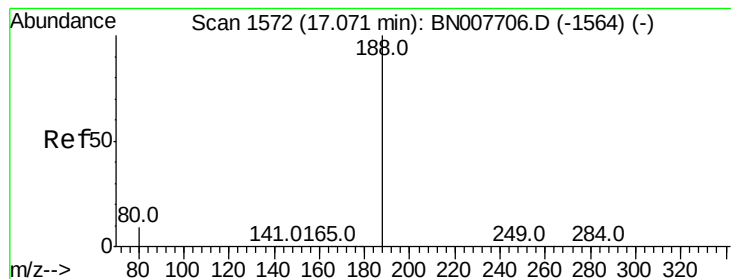
165 97.5 78.0 117.0

167 13.4 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# 1570

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

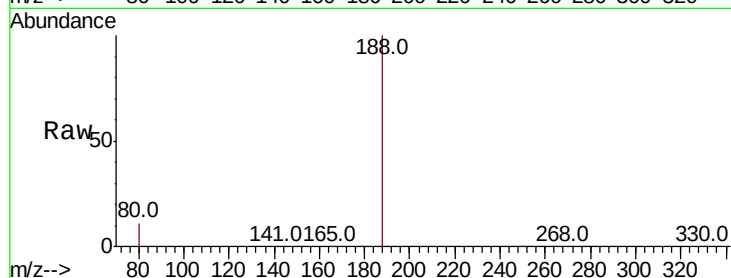
Tot Ion:188 Resp: 36228

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

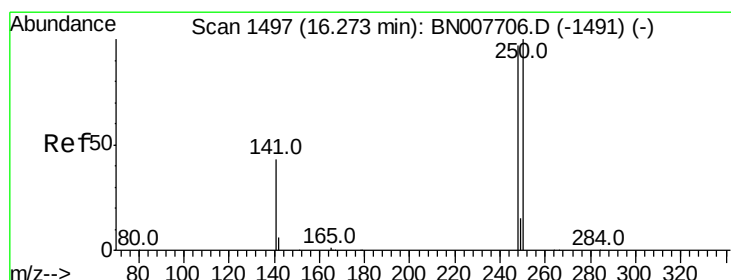
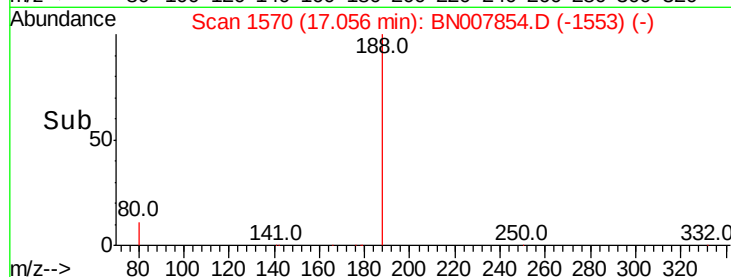
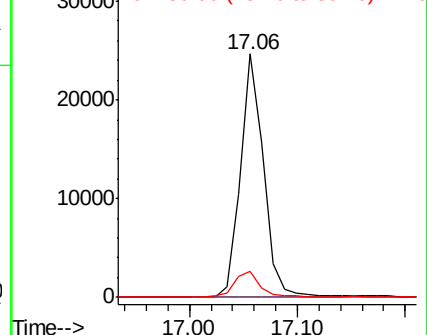
80 10.9 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.443 ng

RT: 16.26 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

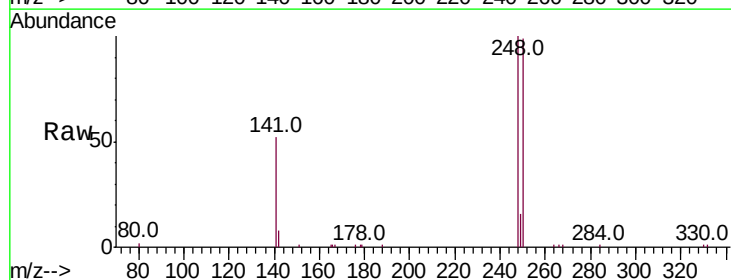
Tgt Ion:248 Resp: 9741

Ion Ratio Lower Upper

248 100

250 99.5 82.2 123.4

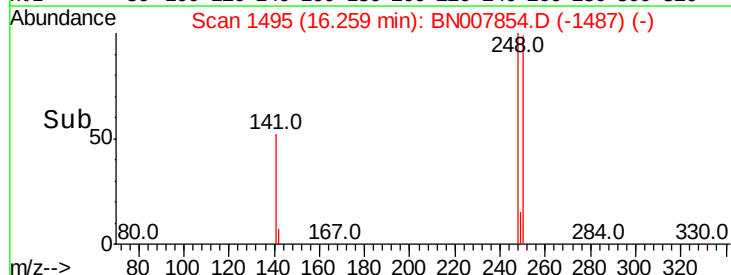
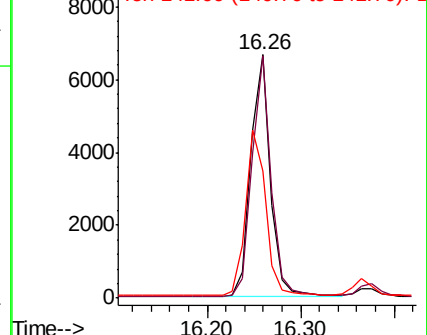
141 52.4 36.3 54.5

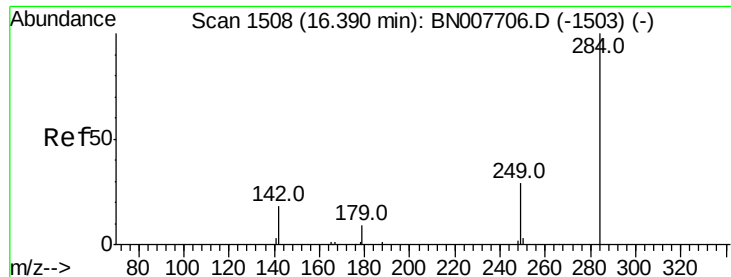


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

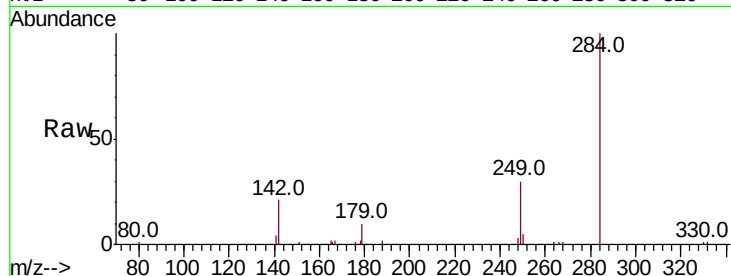




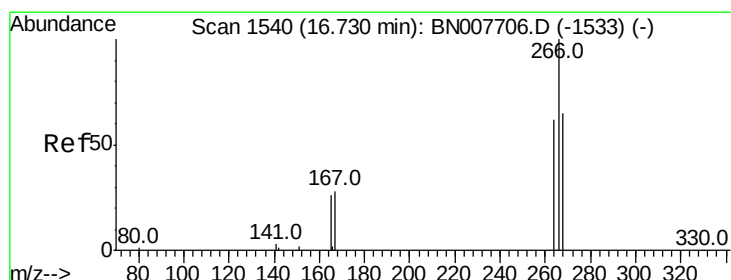
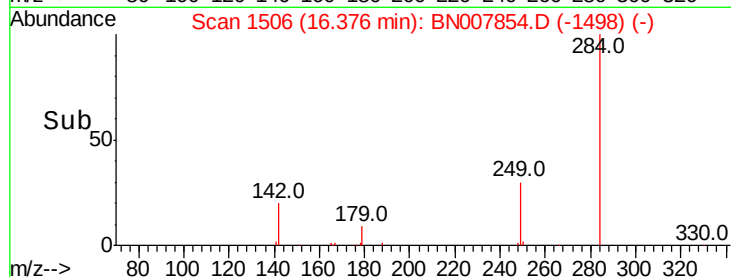
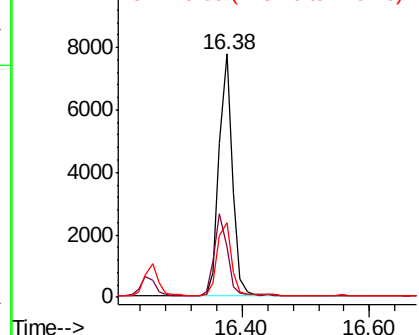
#21
Hexachlorobenzene
Concen: 0.464 ng
RT: 16.38 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BN007854.D
Acq: 25 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :
PB123269BS

Tot Ion:284 Resp: 11148
Ion Ratio Lower Upper
284 100
142 33.4 25.8 38.6
249 31.9 25.9 38.9

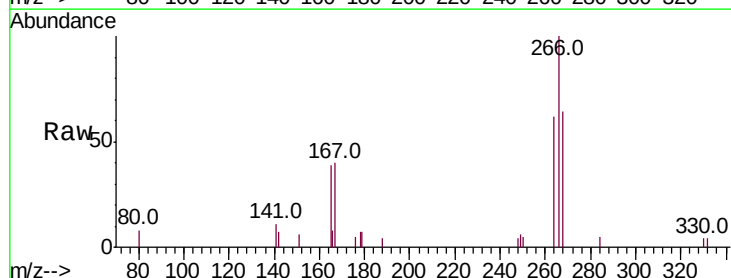


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

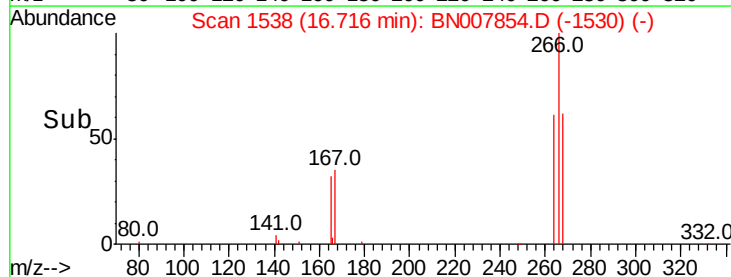
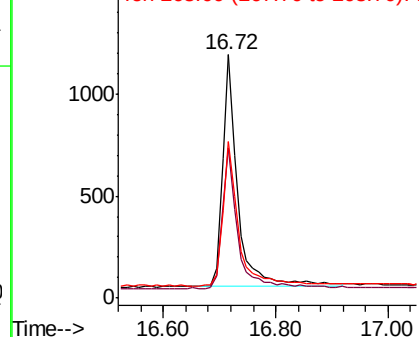


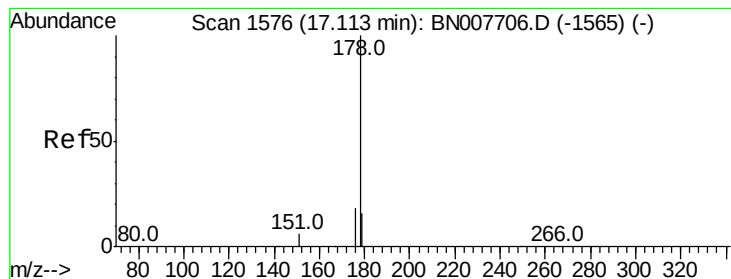
#22
Pentachlorophenol
Concen: 0.243 ng
RT: 16.72 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BN007854.D
Acq: 25 Sep 2019 15:12

Tgt Ion:266 Resp: 2154
Ion Ratio Lower Upper
266 100
264 61.6 50.0 75.0
268 64.2 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: 0.431 ng

RT: 17.10 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

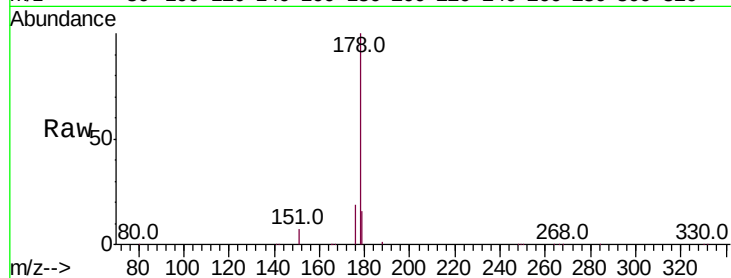
Tot Ion:178 Resp: 48653

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

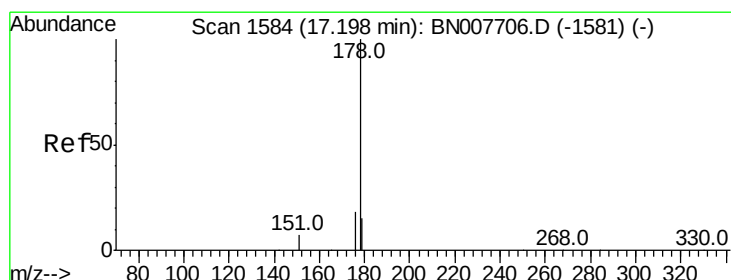
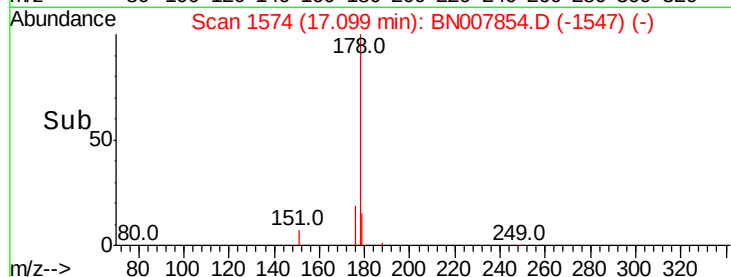
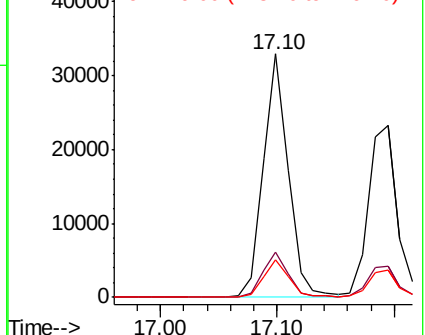
179 15.4 12.5 18.7



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: 0.393 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

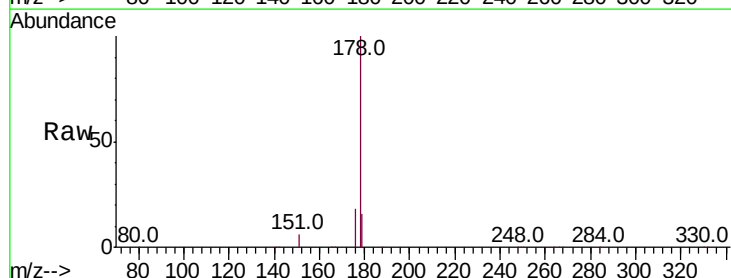
Tgt Ion:178 Resp: 40008

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

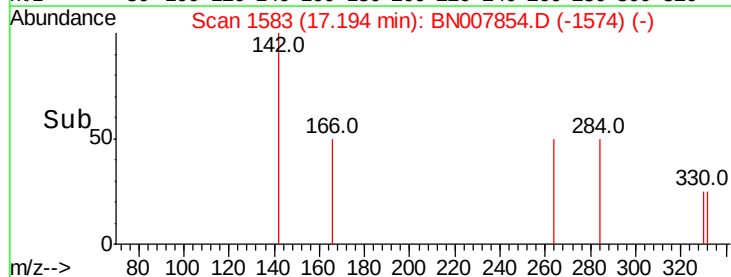
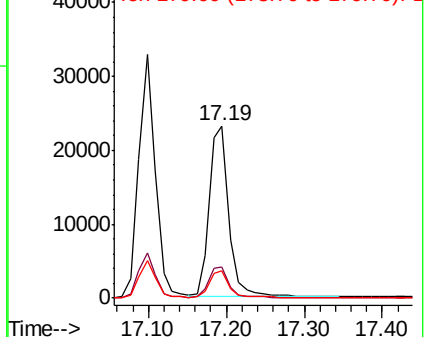
179 15.3 12.2 18.4

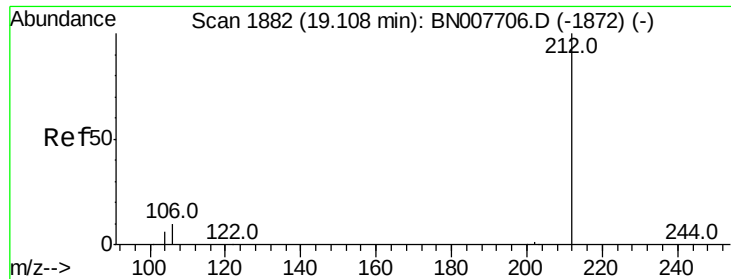


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.10 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

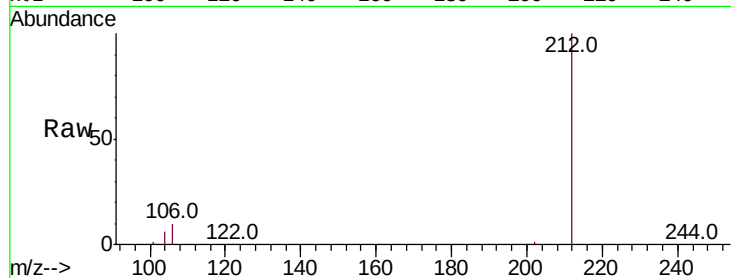
Tot Ion:212 Resp: 43724

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

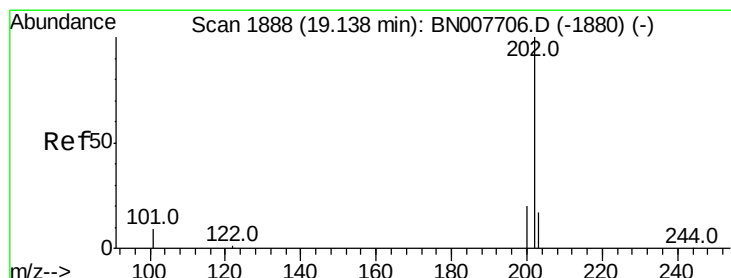
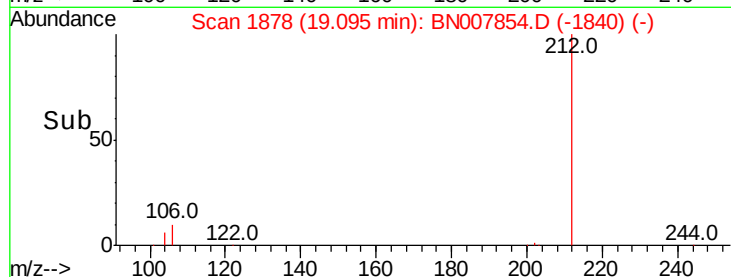
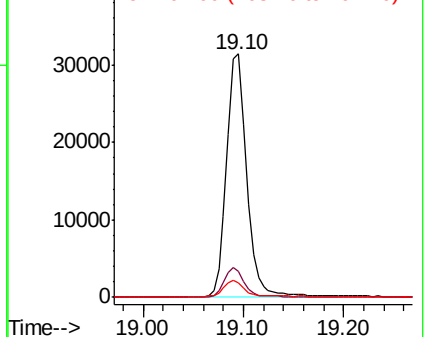
104 6.8 5.3 7.9



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: 0.367 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

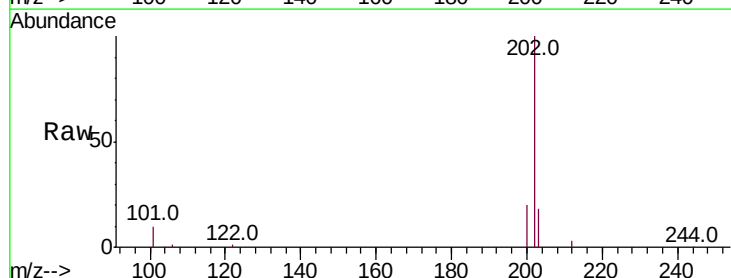
Tgt Ion:202 Resp: 51522

Ion Ratio Lower Upper

202 100

101 10.8 8.4 12.6

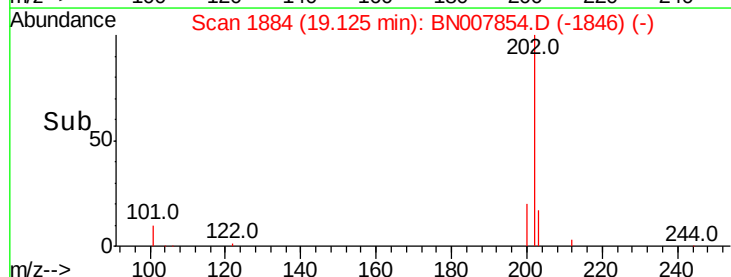
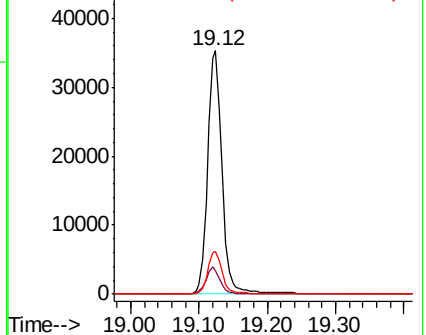
203 17.3 13.8 20.8

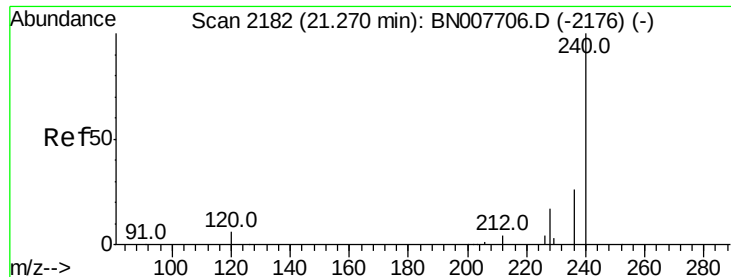


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

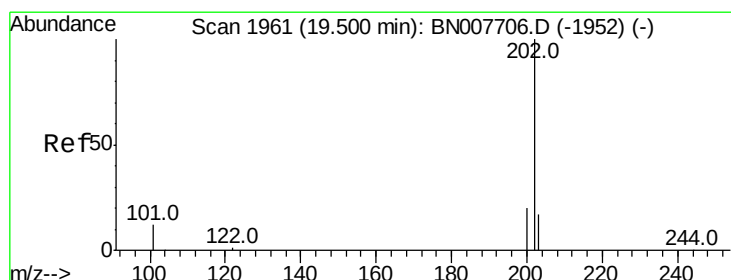
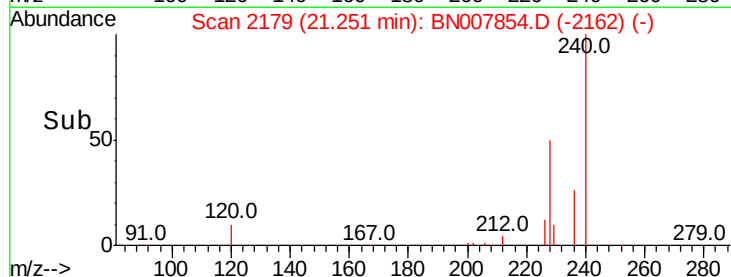
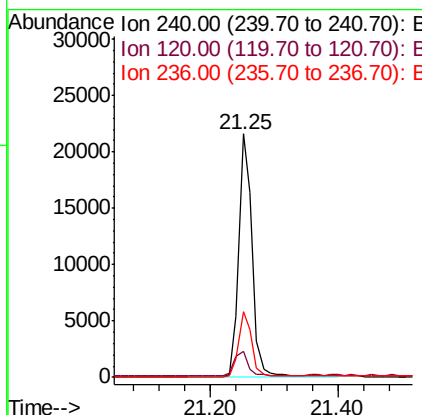
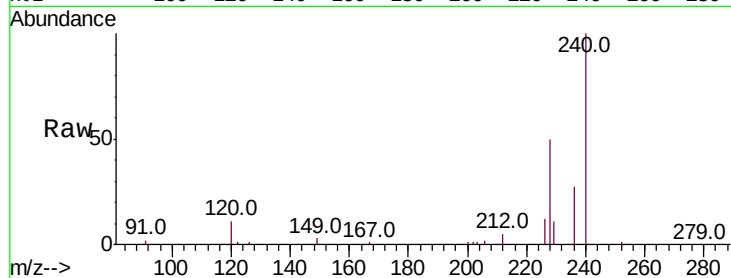




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN007854.D
Acq: 25 Sep 2019 15:12

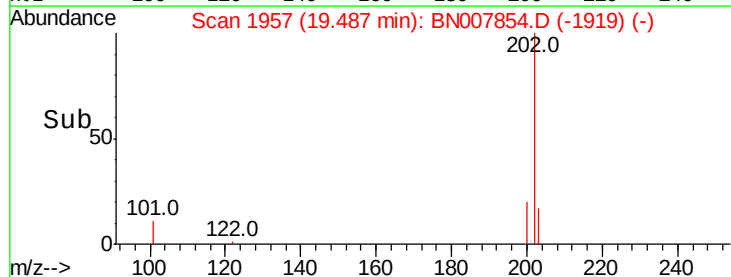
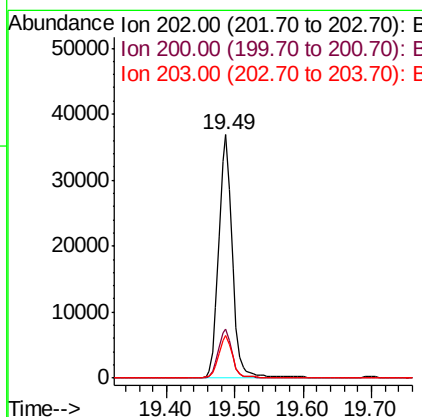
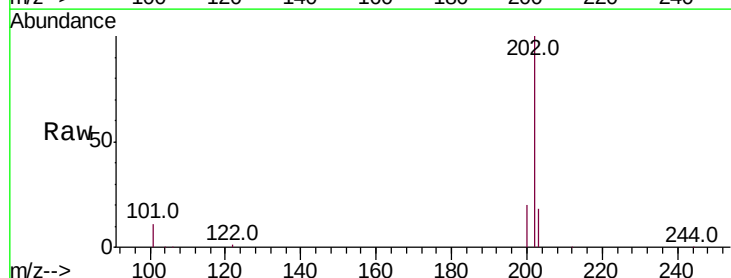
Instrument :
BNA_N
ClientSampleId :
PB123269BS

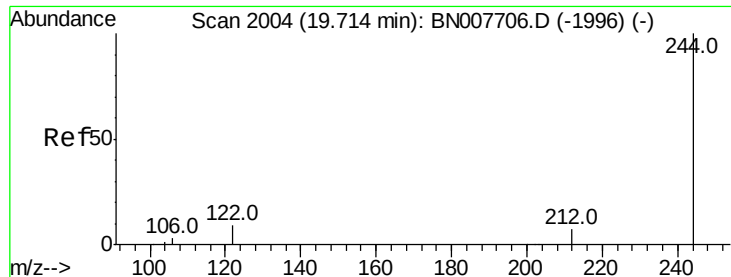
Tot Ion:240 Resp: 30984
Ion Ratio Lower Upper
240 100
120 10.8 5.4 8.2#
236 26.8 21.0 31.4



#28
Pyrene
Concen: 0.477 ng
RT: 19.49 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN007854.D
Acq: 25 Sep 2019 15:12

Tgt Ion:202 Resp: 50386
Ion Ratio Lower Upper
202 100
200 20.3 16.4 24.6
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.483 ng

RT: 19.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

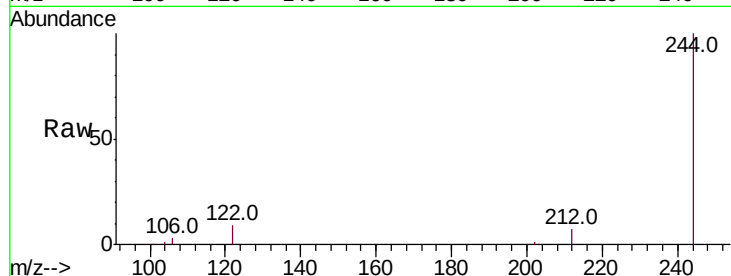
Tot Ion:244 Resp: 36777

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

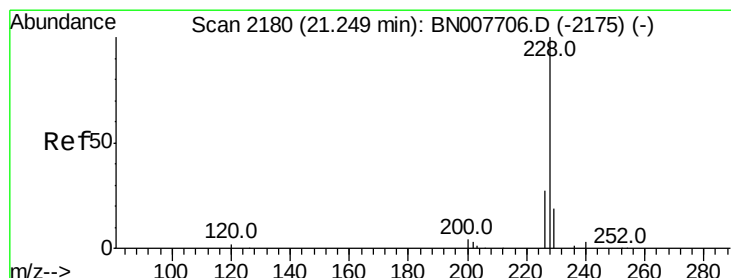
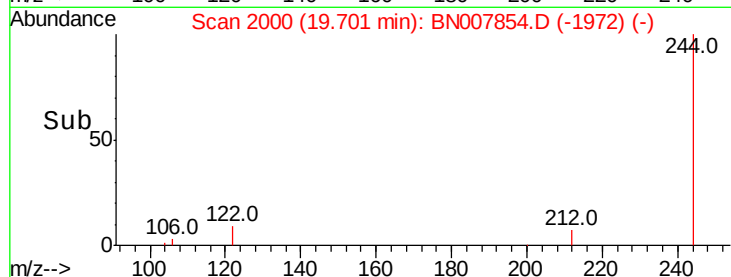
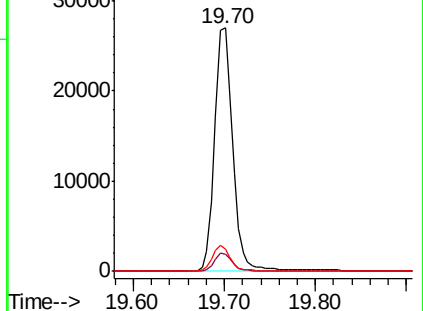
122 9.1 7.4 11.2



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: 0.363 ng

RT: 21.24 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

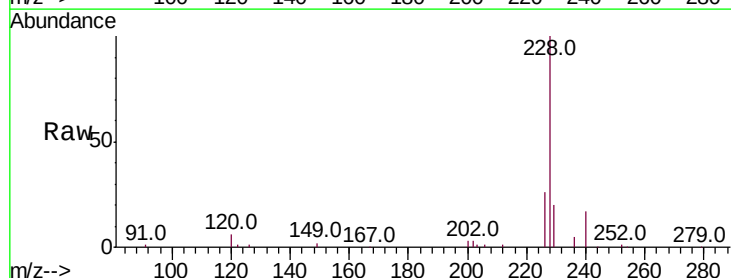
Tgt Ion:228 Resp: 41460

Ion Ratio Lower Upper

228 100

226 25.8 22.1 33.1

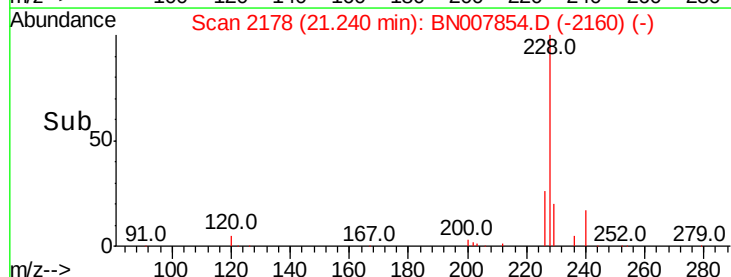
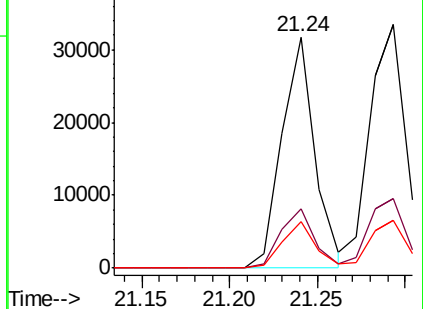
229 19.8 15.8 23.6

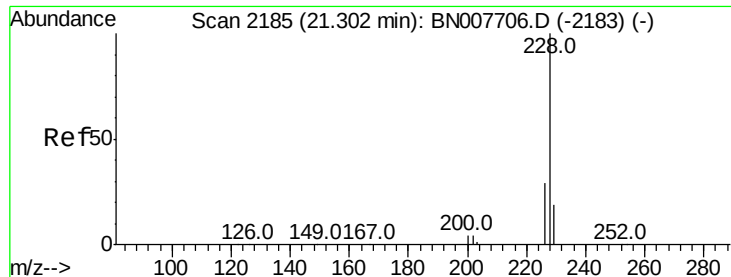


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.436 ng

RT: 21.29 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

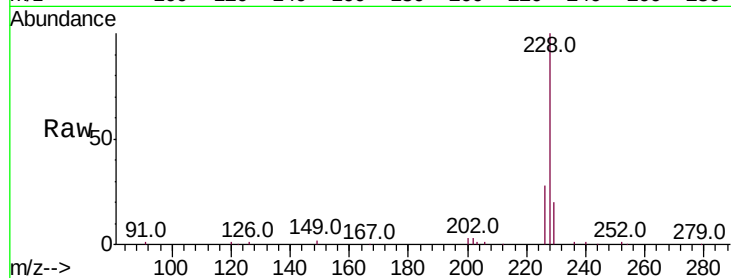
Tot Ion:228 Resp: 48435

Ion Ratio Lower Upper

228 100

226 28.5 23.9 35.9

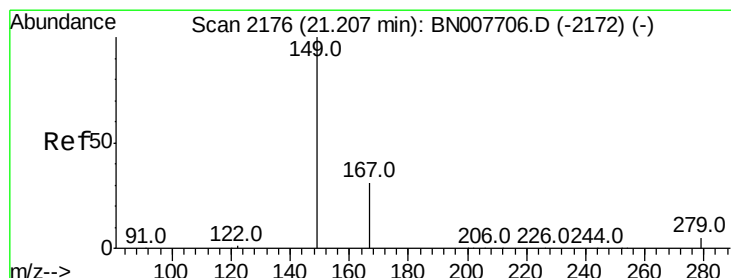
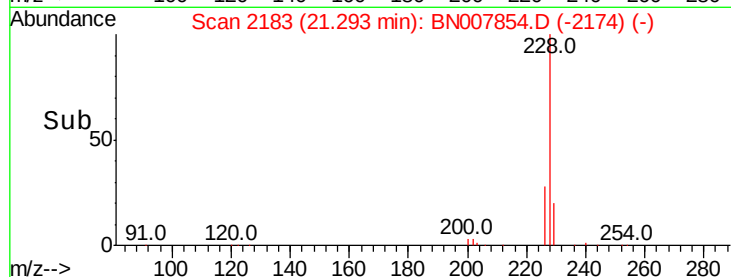
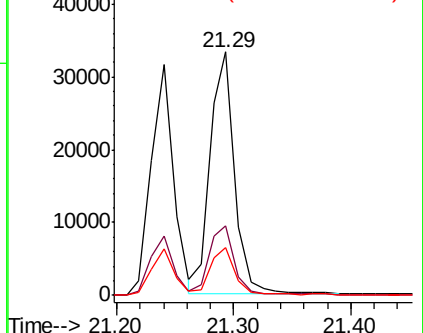
229 19.8 15.8 23.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.228 ng

RT: 21.19 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

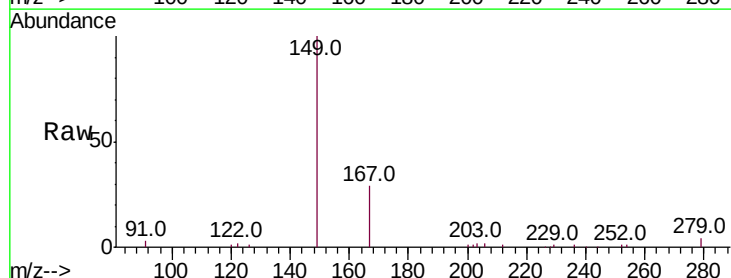
Tgt Ion:149 Resp: 13355

Ion Ratio Lower Upper

149 100

167 28.9 23.7 35.5

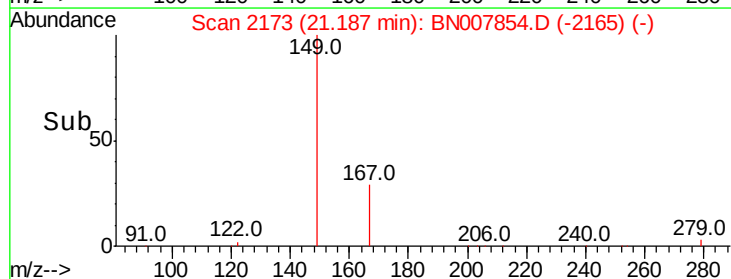
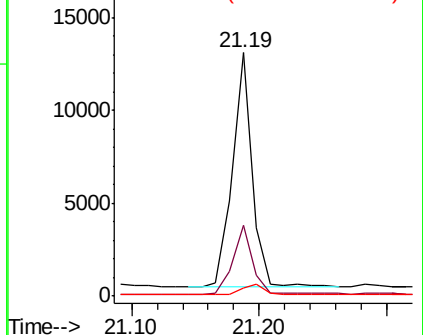
279 4.8 4.2 6.2

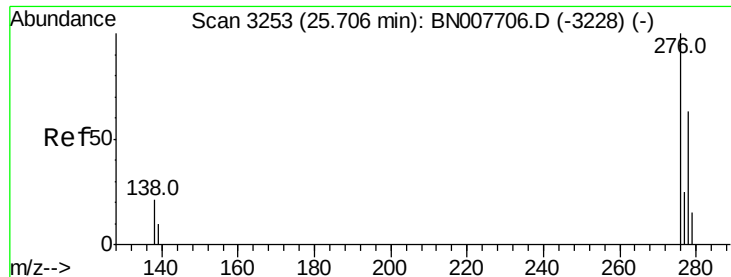


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.331 ng

RT: 25.68 min Scan# 3243

Delta R.T. -0.03 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

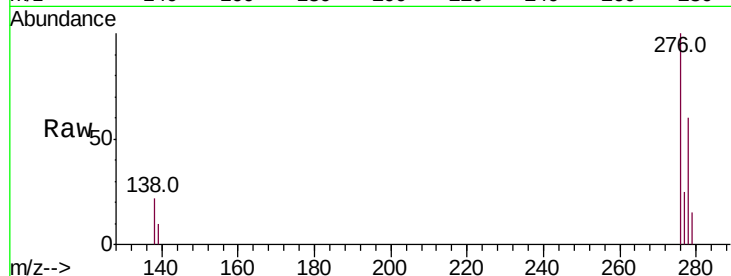
Tot Ion:276 Resp: 46123

Ion Ratio Lower Upper

276 100

138 22.0 17.1 25.7

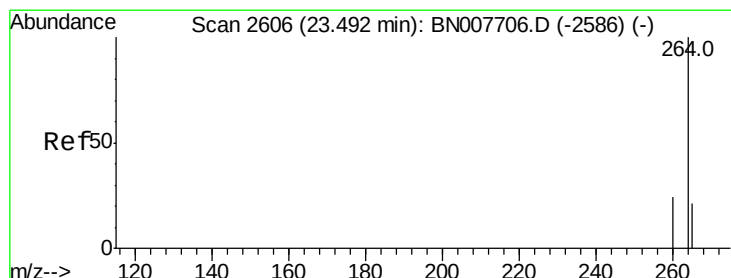
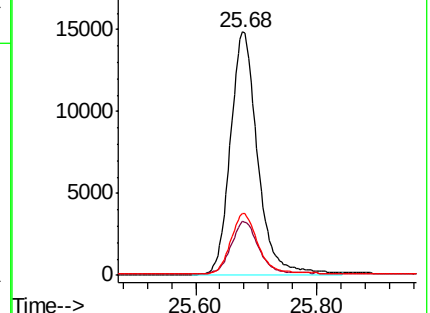
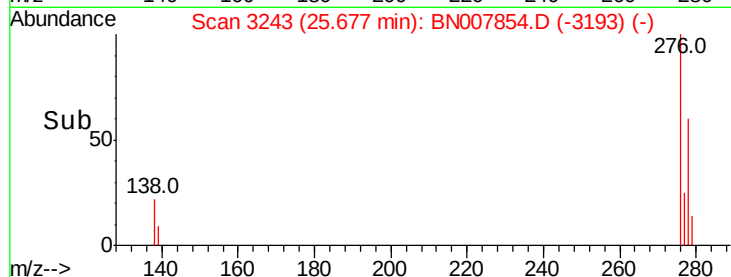
277 25.1 20.0 30.0



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# 2598

Delta R.T. -0.02 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

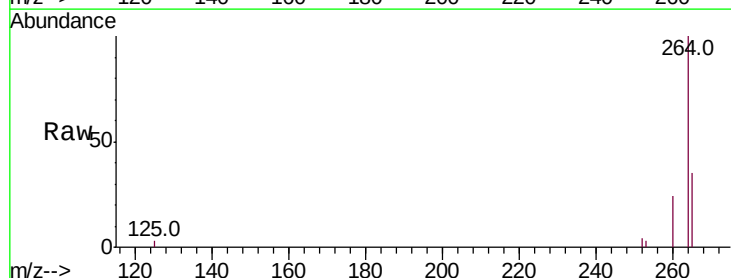
Tgt Ion:264 Resp: 29525

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

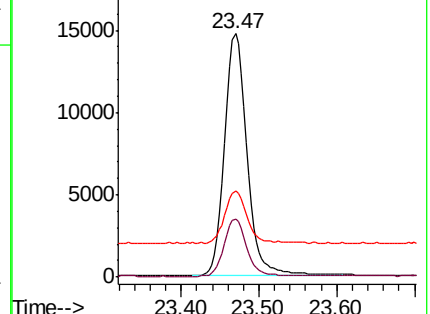
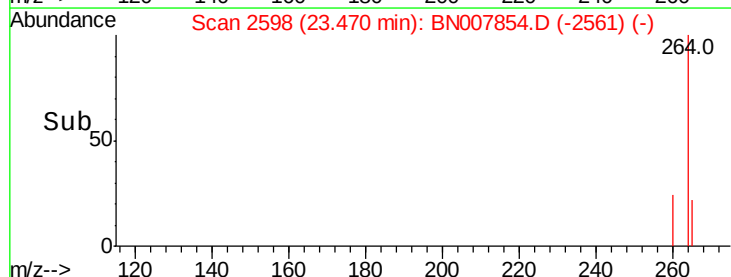
265 35.4 26.9 40.3

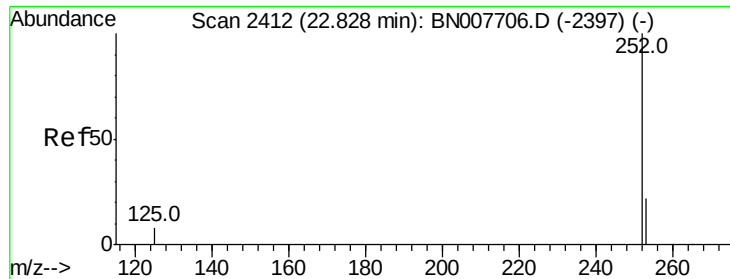


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.410 ng

RT: 22.81 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

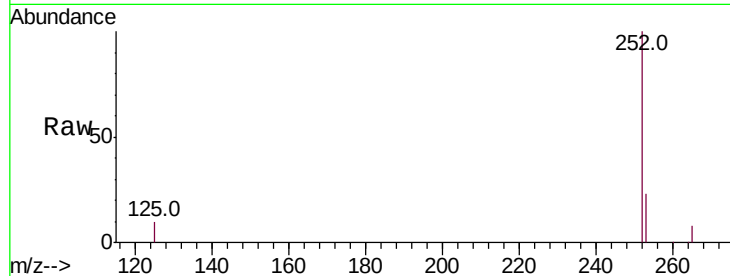
Tot Ion:252 Resp: 41993

Ion Ratio Lower Upper

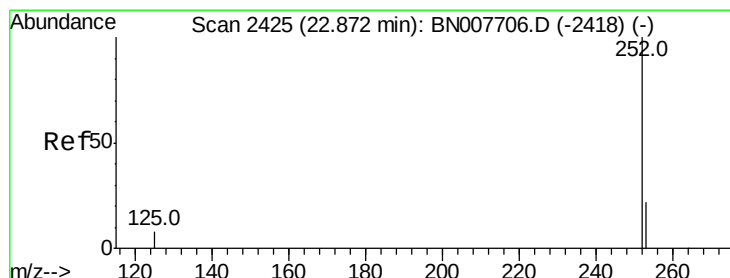
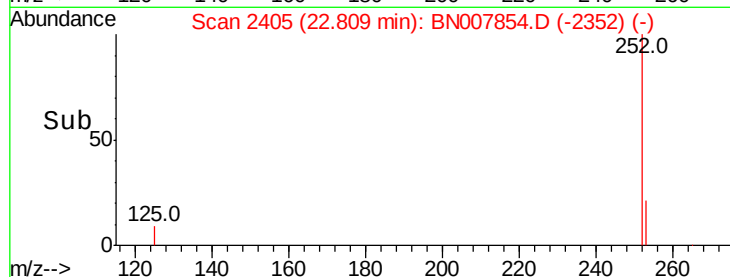
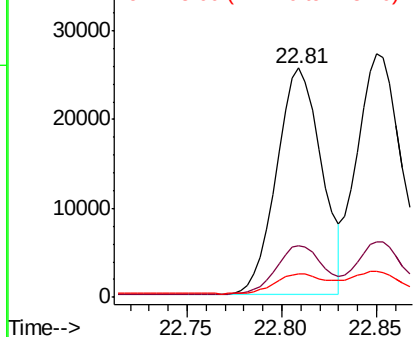
252 100

253 22.7 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: 0.457 ng

RT: 22.85 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

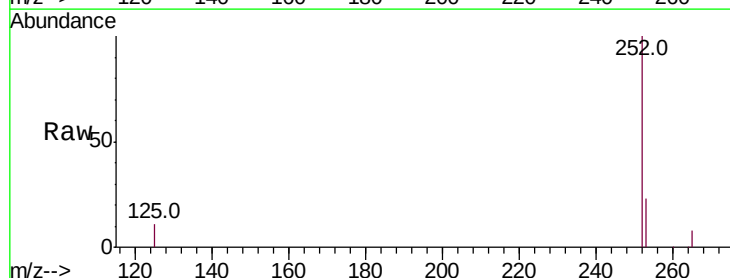
Tgt Ion:252 Resp: 46317

Ion Ratio Lower Upper

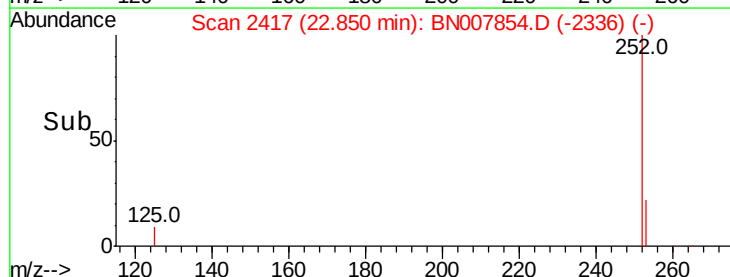
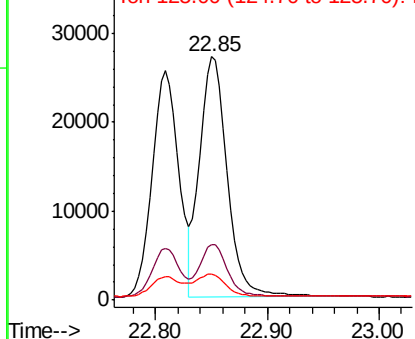
252 100

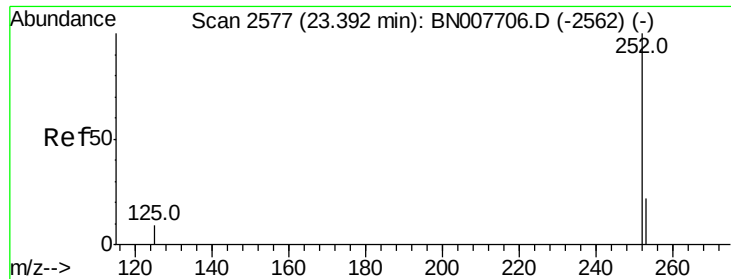
253 22.9 18.5 27.7

125 10.6 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: 0.387 ng

RT: 23.37 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

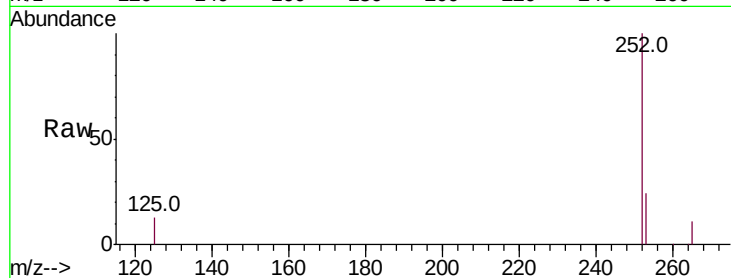
Tot Ion:252 Resp: 37284

Ion Ratio Lower Upper

252 100

253 23.7 18.6 27.8

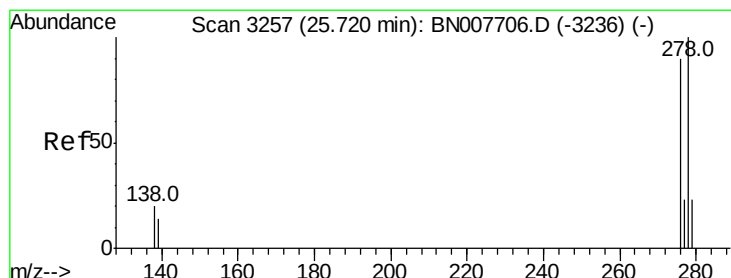
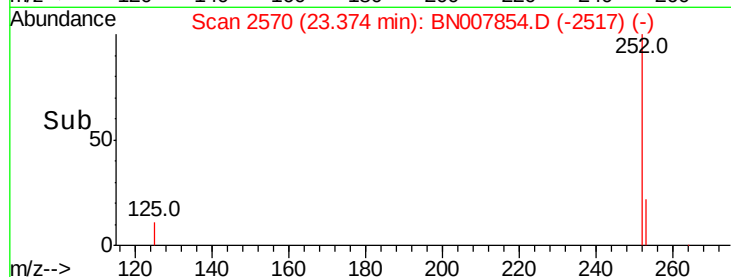
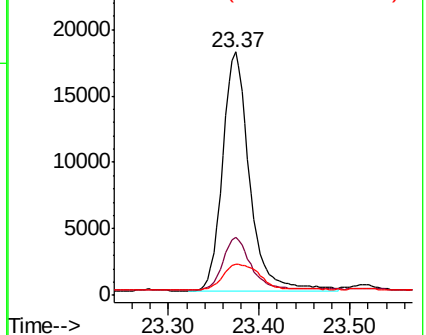
125 12.7 9.4 14.0



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: 0.379 ng

RT: 25.69 min Scan# 3247

Delta R.T. -0.03 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

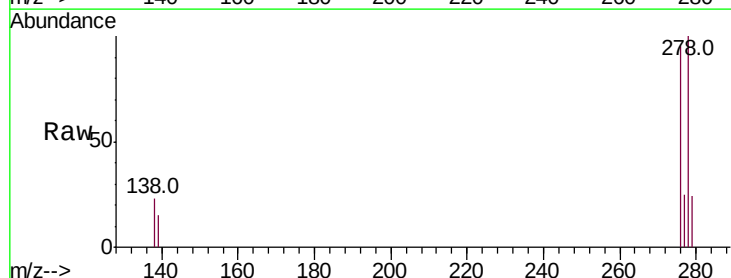
Tgt Ion:278 Resp: 37364

Ion Ratio Lower Upper

278 100

139 15.0 11.8 17.6

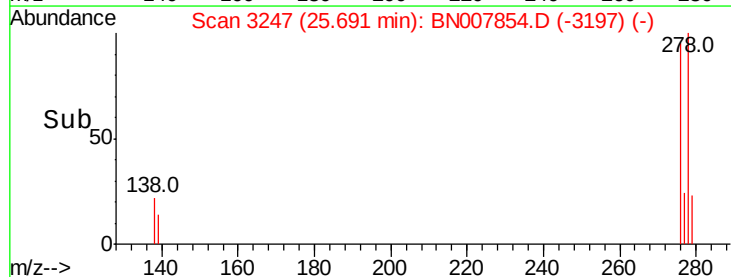
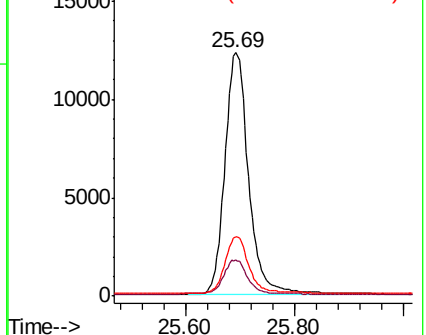
279 24.5 19.4 29.2

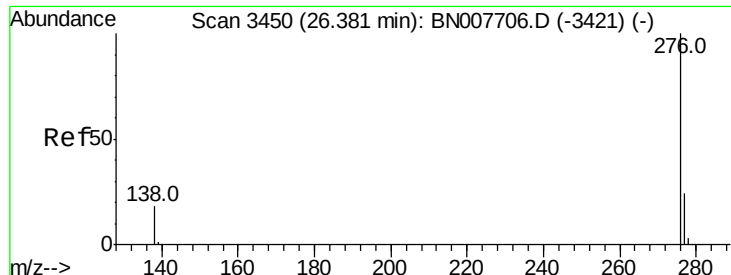


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.385 ng

RT: 26.35 min Scan# 3439

Delta R.T. -0.03 min

Lab File: BN007854.D

Acq: 25 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

PB123269BS

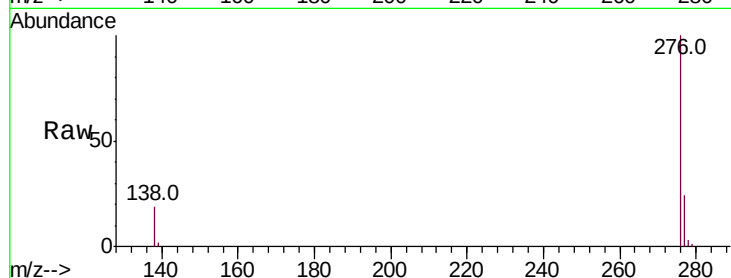
Tot Ion: 276 Resp: 37577

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 19.4 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

