

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007597.D
 Acq On : 11 Sep 2019 20:39
 Operator : HP/JU
 Sample : PB122882BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 12 06:40:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	6704	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	26287	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	15350	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	32557	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	33366	0.40	ng	-0.02
34) Perylene-d12	23.50	264	35305	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	8288	0.41	ng	0.00
5) Phenol-d6	6.90	99	10529	0.38	ng	0.00
8) Nitrobenzene-d5	8.86	82	8762	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	18874	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2172	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	26427	0.42	ng	-0.01
25) Fluoranthene-d10	19.12	212	44365	0.42	ng	-0.01
29) Terphenyl-d14	19.72	244	37100	0.43	ng	-0.01

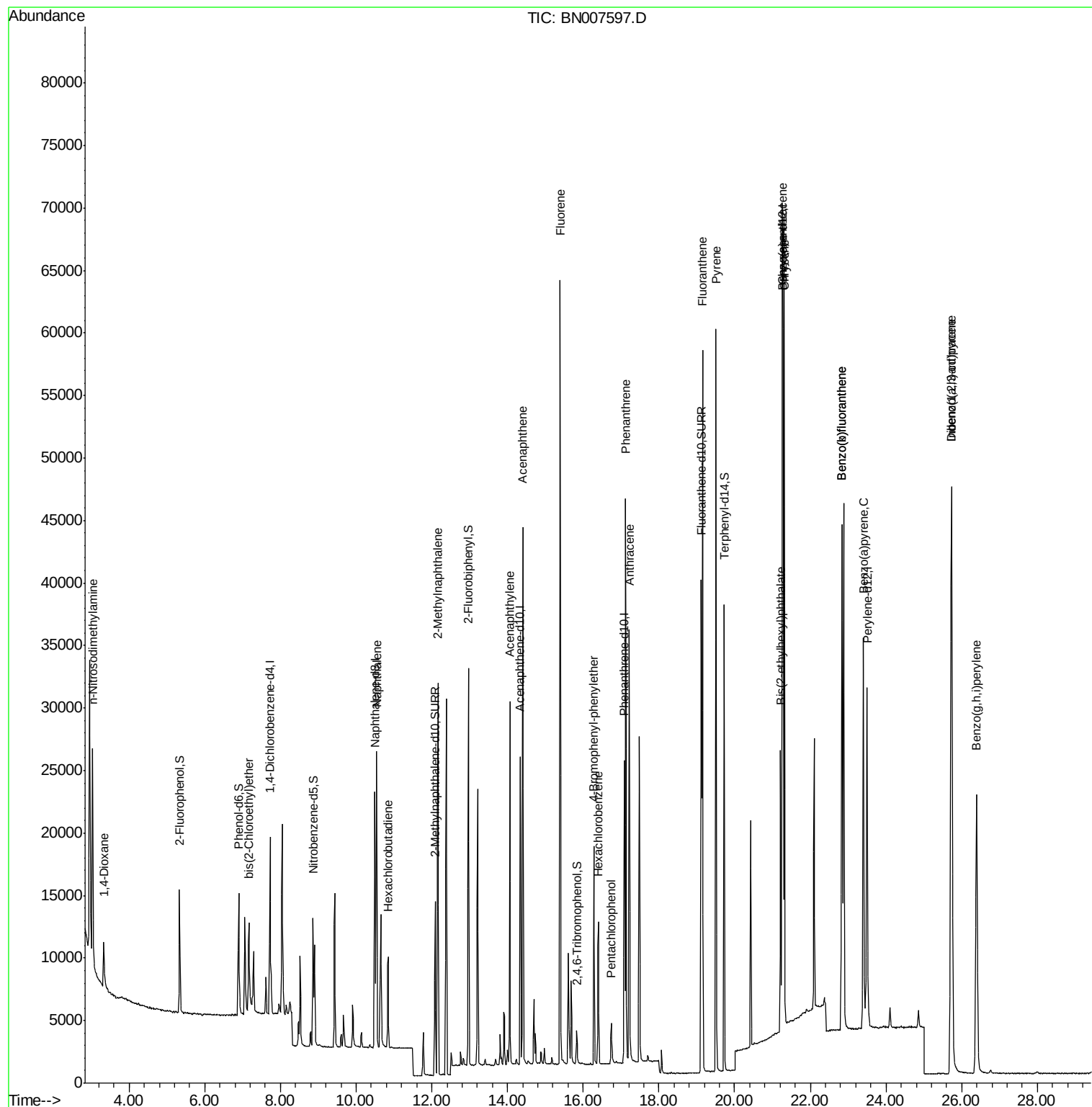
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	3036	0.484	ng	92
3) n-Nitrosodimethylamine	3.03	42	2100	0.524	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	7600	0.581	ng	# 83
9) Naphthalene	10.54	128	31933	0.432	ng	99
10) Hexachlorobutadiene	10.85	225	6594	0.445	ng	# 99
12) 2-Methylnaphthalene	12.16	142	21475	0.414	ng	99
16) Acenaphthylene	14.06	152	30763	0.373	ng	100
17) Acenaphthene	14.40	154	20304	0.390	ng	99
18) Fluorene	15.39	166	25949	0.378	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	8401	0.436	ng	93
21) Hexachlorobenzene	16.40	284	9051	0.447	ng	100
22) Pentachlorophenol	16.74	266	2178	0.499	ng	100
23) Phenanthrene	17.12	178	43597	0.434	ng	100
24) Anthracene	17.22	178	38221	0.412	ng	100
26) Fluoranthene	19.15	202	51479	0.422	ng	100
28) Pyrene	19.51	202	51845	0.432	ng	100
30) Benzo(a)anthracene	21.26	228	49282	0.413	ng	99
31) Chrysene	21.31	228	53501	0.441	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	18197	0.445	ng	98
33) Indeno(1,2,3-cd)pyrene	25.72	276	57602	0.449	ng	# 100
35) Benzo(b)fluoranthene	22.83	252	51124	0.407	ng	100
36) Benzo(k)fluoranthene	22.83	252	51124	0.412	ng	100
37) Benzo(a)pyrene	23.40	252	45557	0.408	ng	99
38) Dibenzo(a,h)anthracene	25.74	278	47945	0.428	ng	99
39) Benzo(g,h,i)perylene	26.39	276	46868	0.413	ng	100

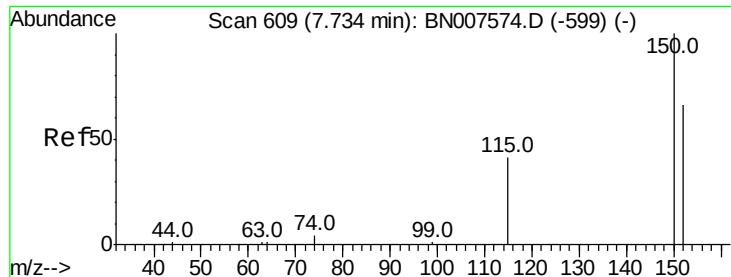
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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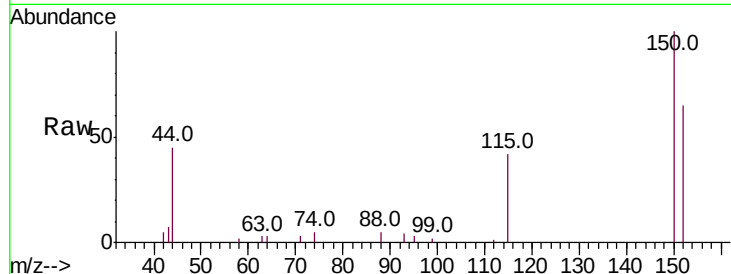


#1

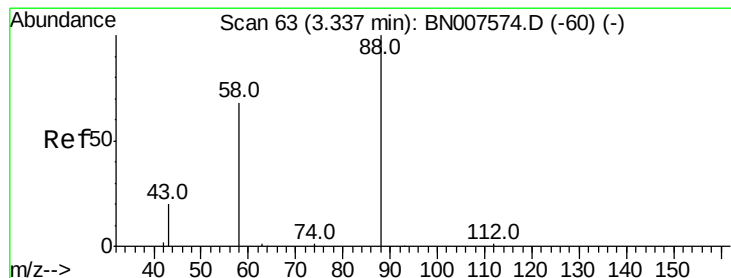
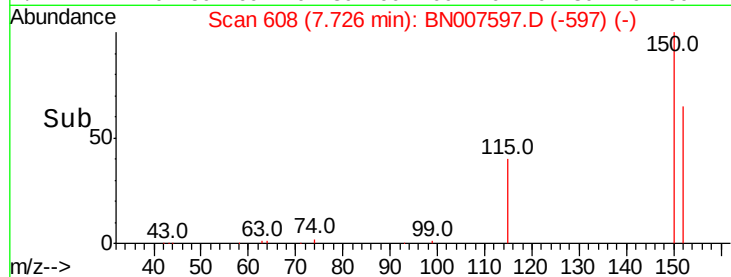
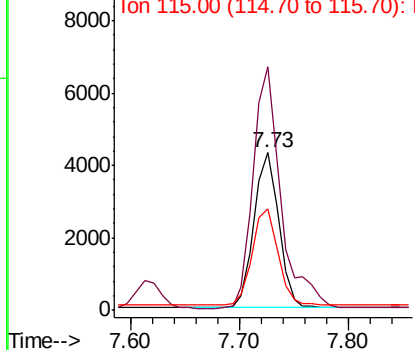
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6704
Ion Ratio Lower Upper
152 100
150 154.4 119.5 179.3
115 64.8 53.0 79.6



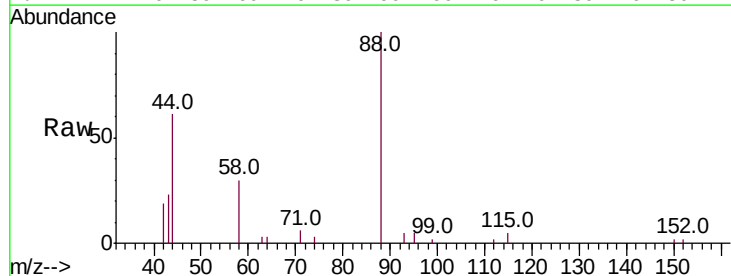
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



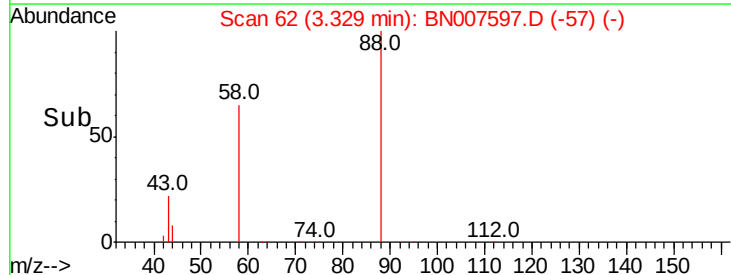
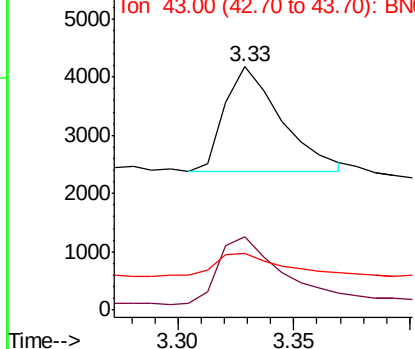
#2

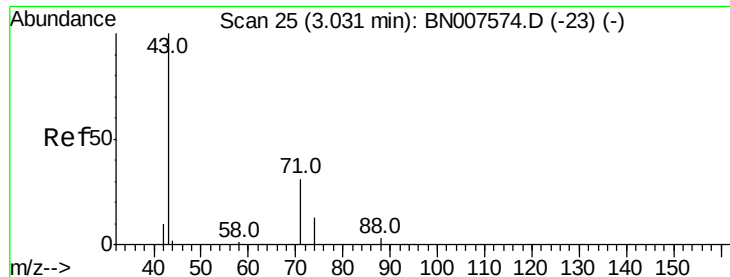
1,4-Dioxane
Concen: 0.484 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tgt Ion: 88 Resp: 3036
Ion Ratio Lower Upper
88 100
58 72.4 64.6 96.8
43 23.5 19.2 28.8



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: 0.524 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

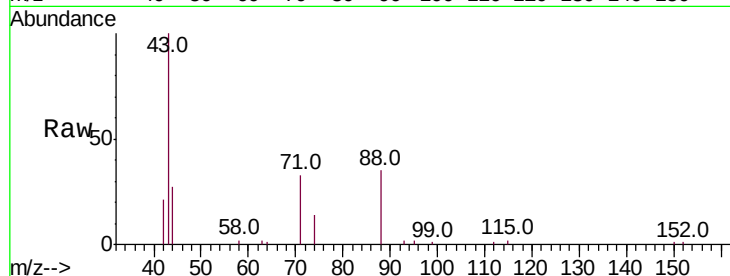
Tot Ion: 42 Resp: 2100

Ion Ratio Lower Upper

42 100

74 116.6 0.0 0.0#

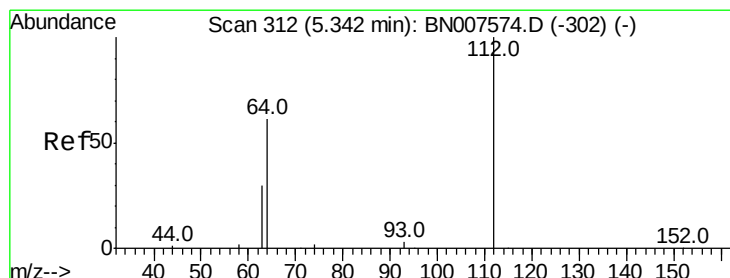
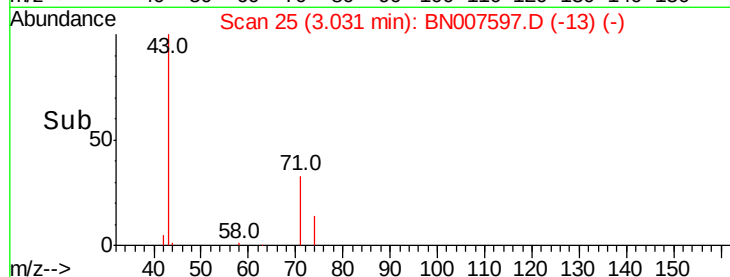
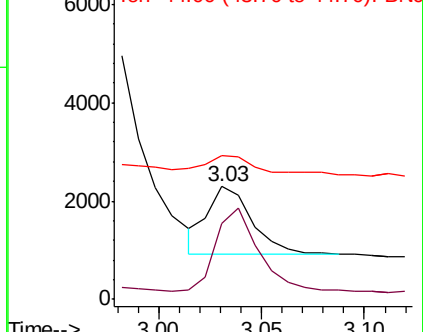
44 32.9 0.0 0.0#



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: 0.406 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

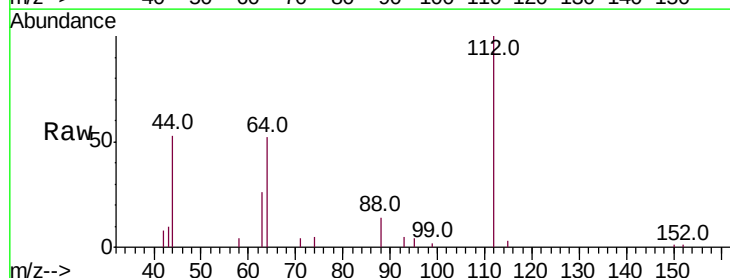
Tgt Ion: 112 Resp: 8288

Ion Ratio Lower Upper

112 100

64 60.1 49.2 73.8

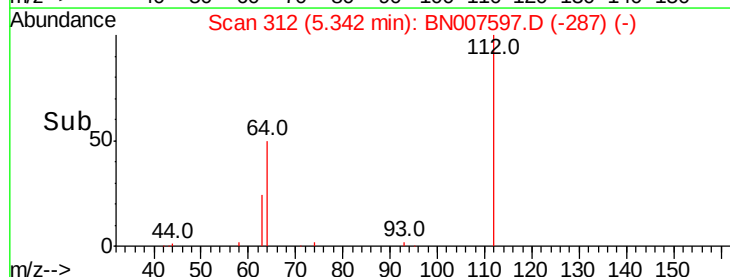
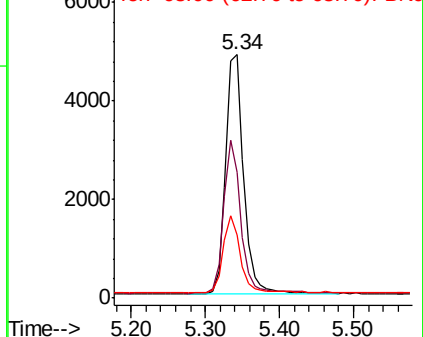
63 30.0 26.0 39.0

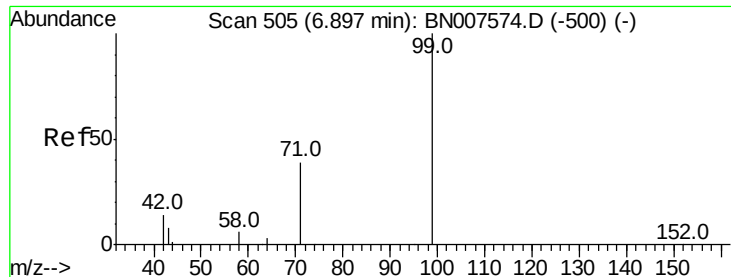


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.384 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

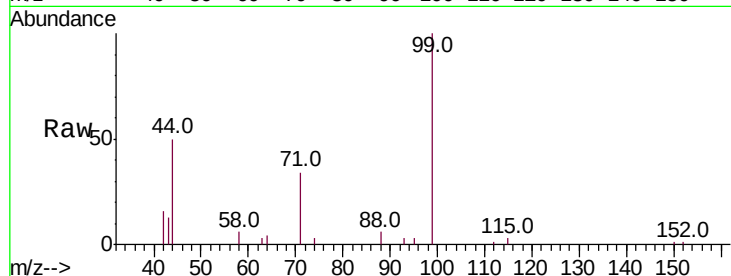
Tot Ion: 99 Resp: 10529

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

71 35.5 28.8 43.2

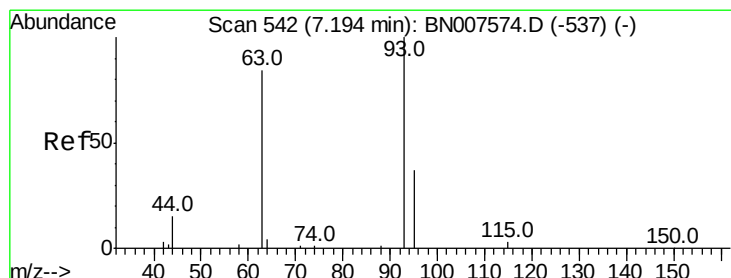
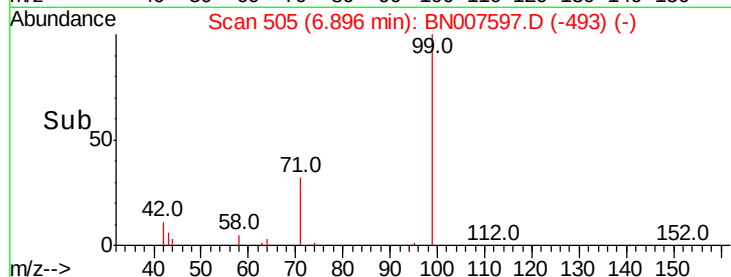
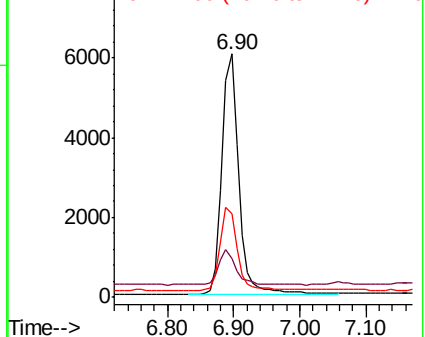


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.581 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.03 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

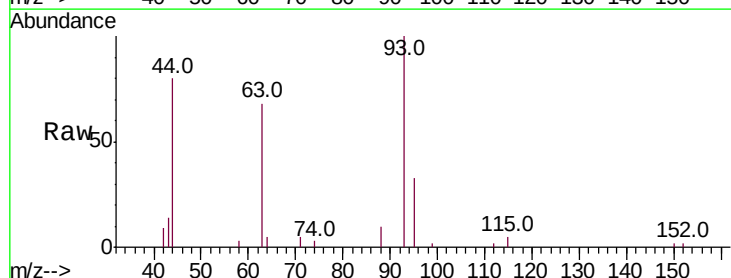
Tgt Ion: 93 Resp: 7600

Ion Ratio Lower Upper

93 100

63 74.7 69.8 104.6

95 37.5 42.8 64.2#

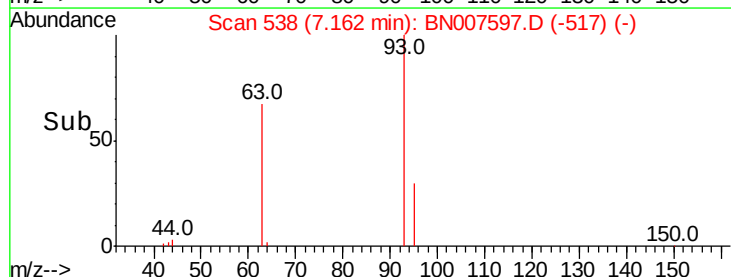
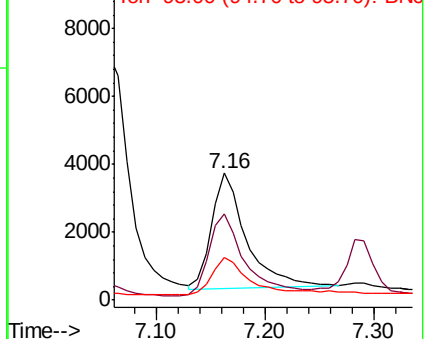


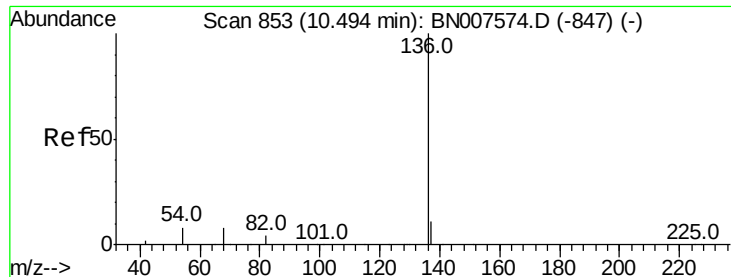
Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 26287

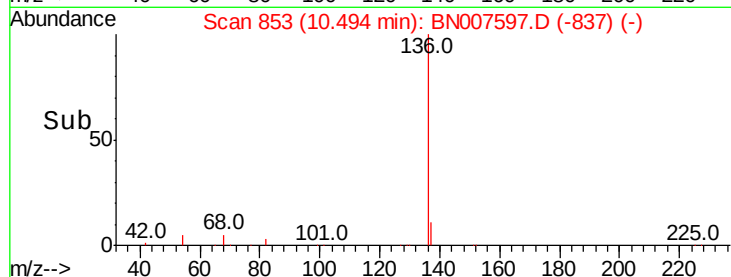
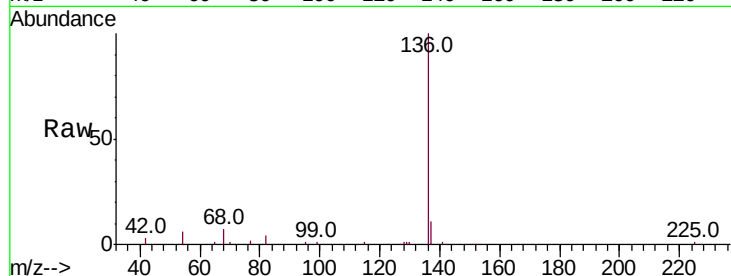
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 5.8 7.5 11.3#

68 6.5 7.9 11.9#

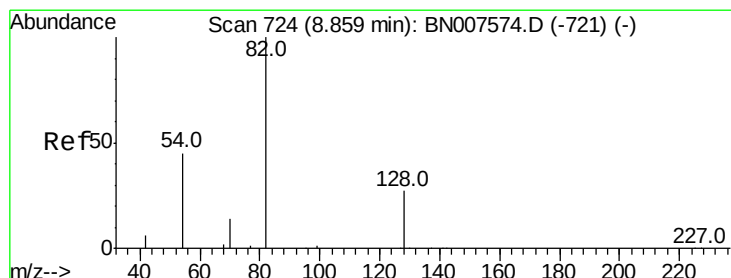
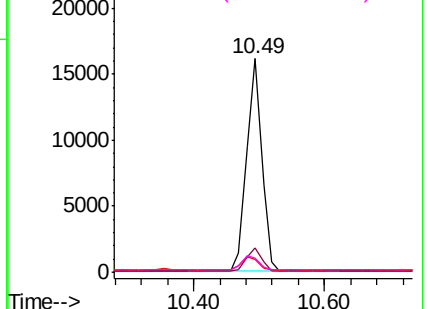


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.547 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

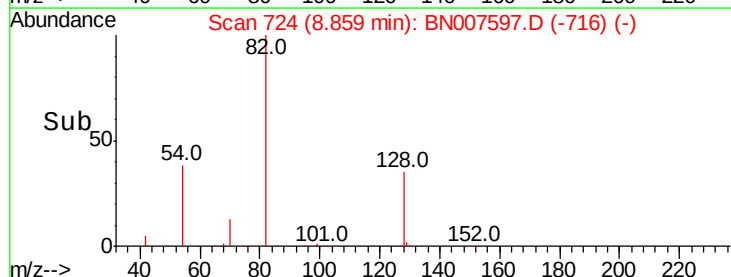
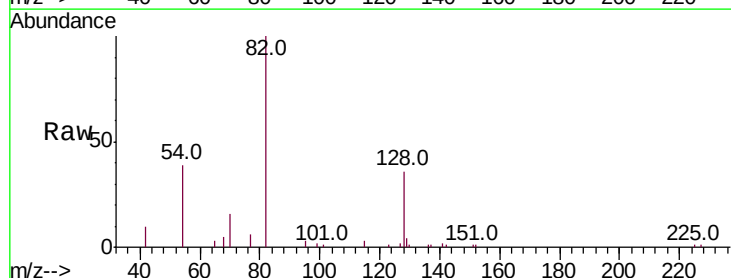
Tgt Ion: 82 Resp: 8762

Ion Ratio Lower Upper

82 100

128 35.7 23.4 35.2#

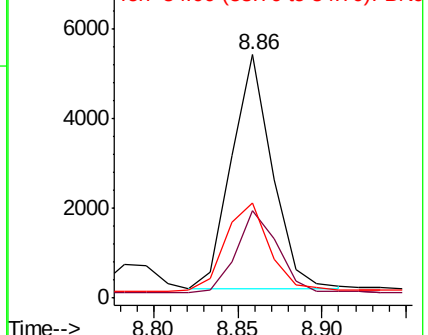
54 39.3 38.2 57.2

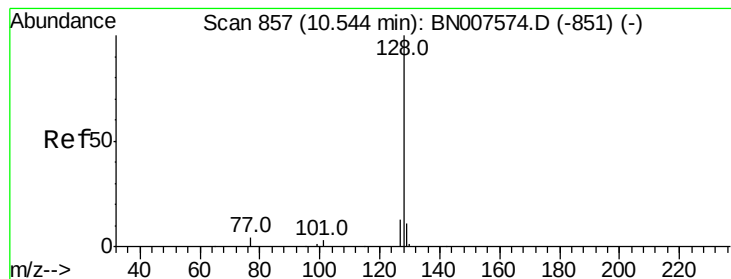


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.432 ng

RT: 10.54 min Scan# 857

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampled :

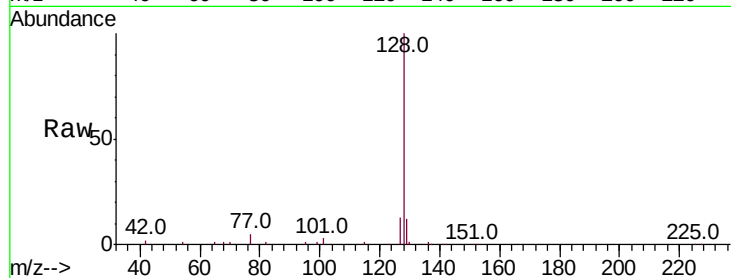
Tot Ion:128 Resp: 31933

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

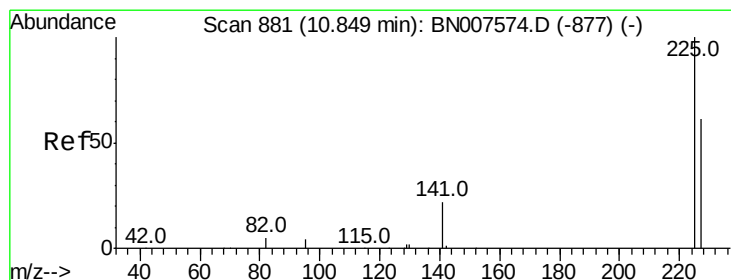
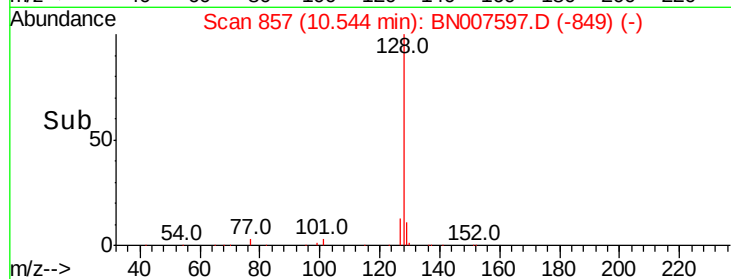
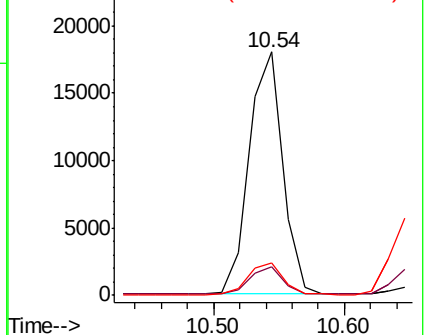
127 13.1 11.0 16.4



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: 0.445 ng

RT: 10.85 min Scan# 881

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

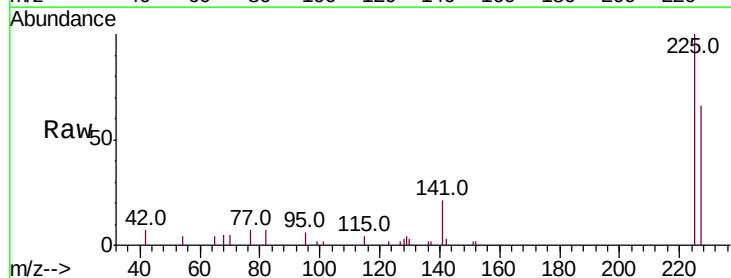
Tgt Ion:225 Resp: 6594

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

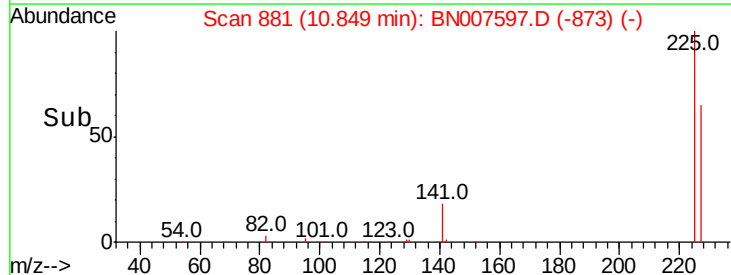
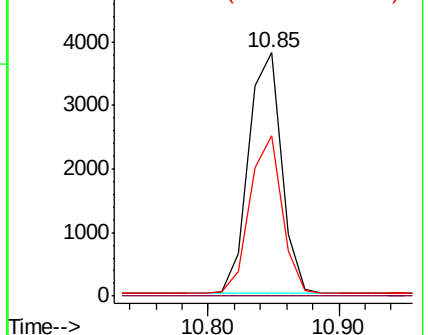
227 63.6 50.4 75.6

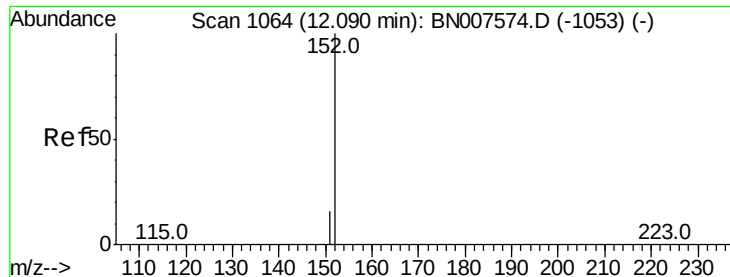


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

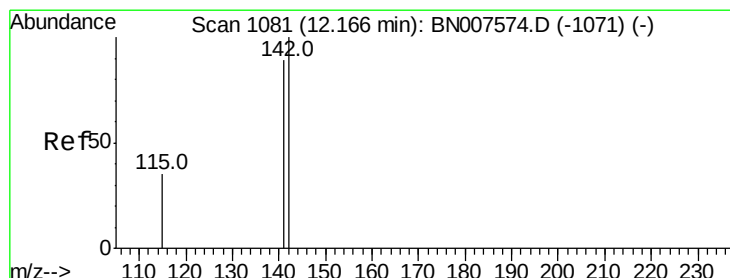
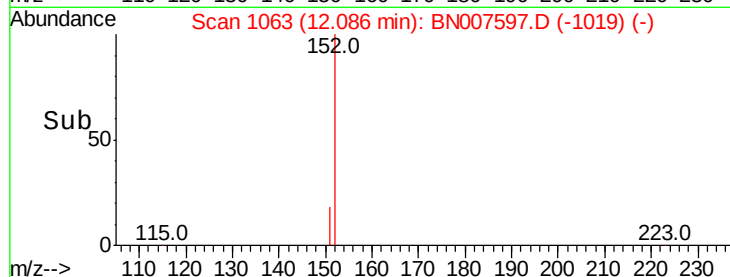
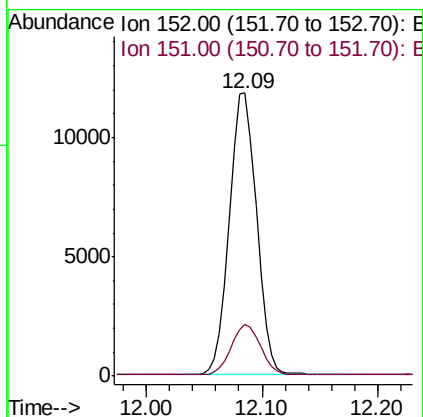
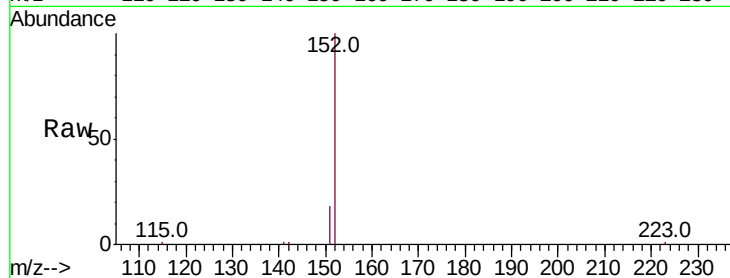




#11
 2-Methylnaphthalene-d10
 Concen: 0.416 ng
 RT: 12.09 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

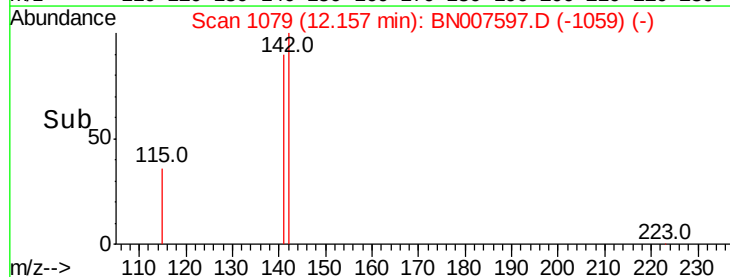
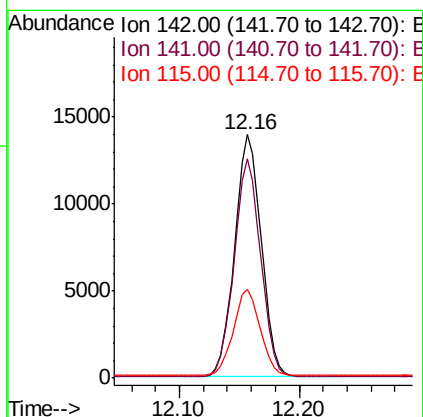
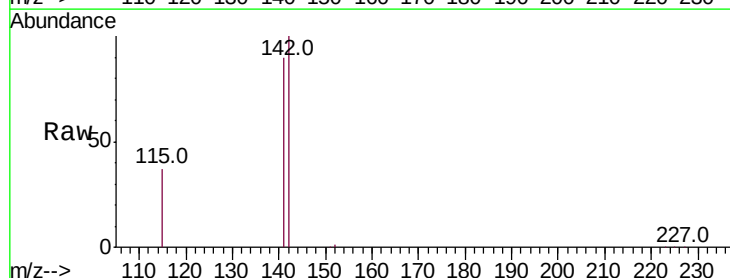
Instrument :
 BNA_N
 ClientSampleId :

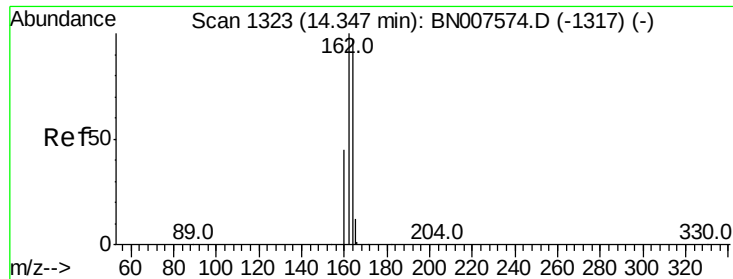
Tot Ion:152 Resp: 18874
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.414 ng
 RT: 12.16 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Tgt Ion:142 Resp: 21475
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 36.7 29.1 43.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

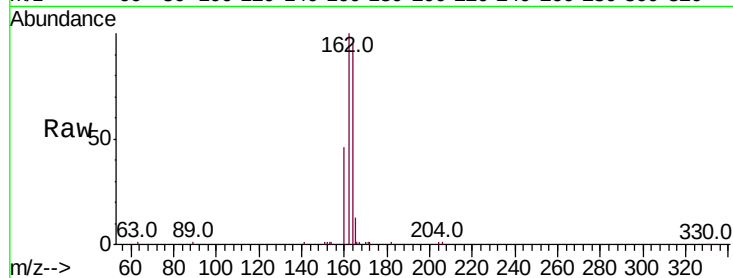
Tot Ion:164 Resp: 15350

Ion Ratio Lower Upper

164 100

162 105.0 82.2 123.2

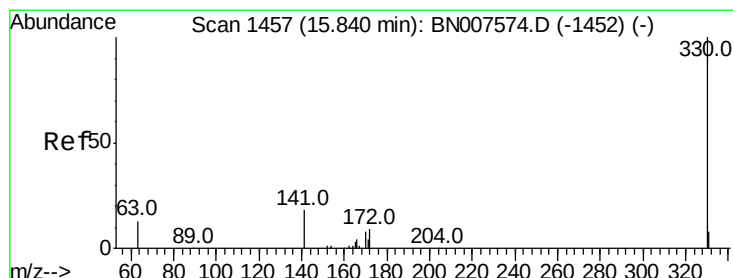
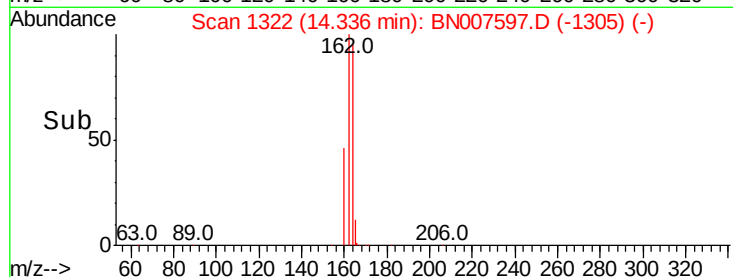
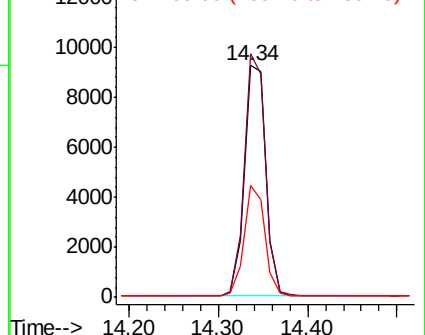
160 48.1 37.4 56.0



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: 0.372 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

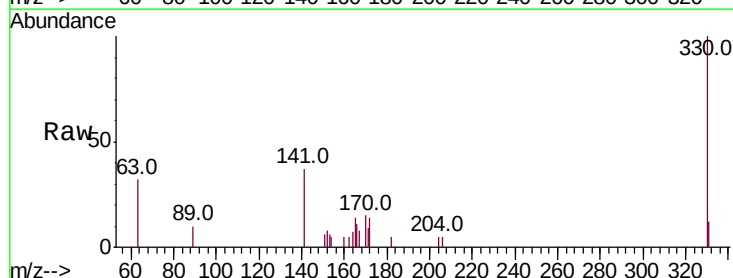
Tgt Ion:330 Resp: 2172

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

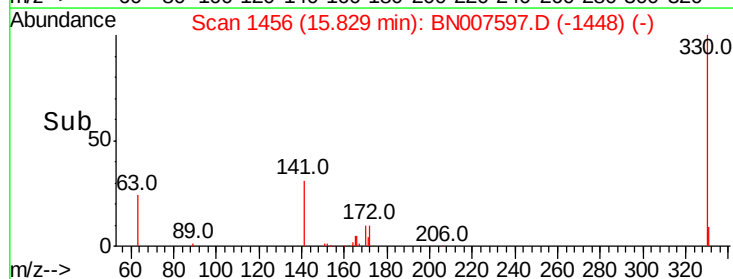
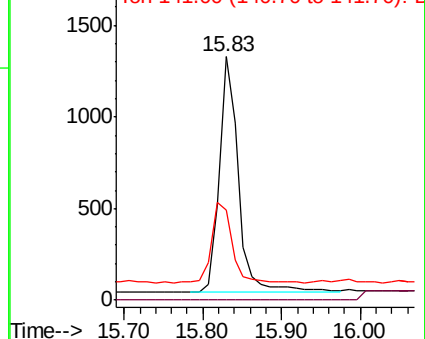
141 36.3 30.6 45.8

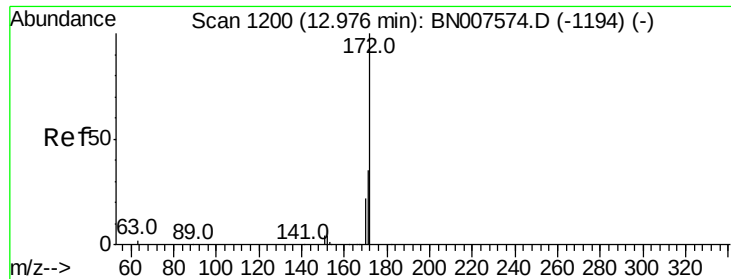


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

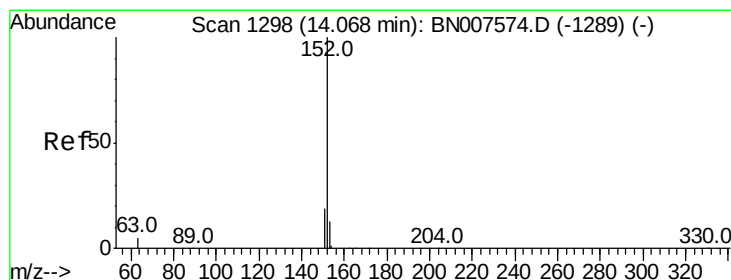
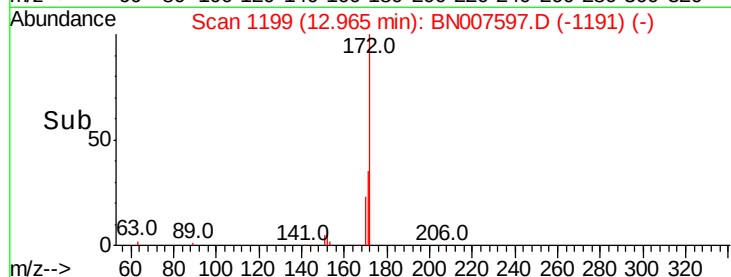
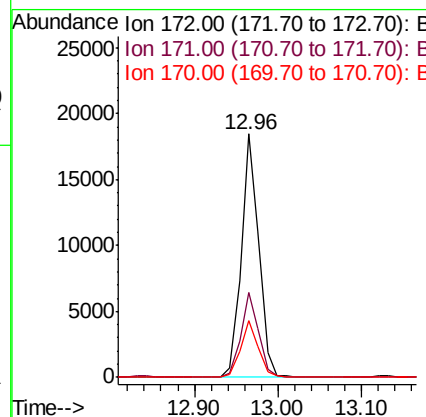
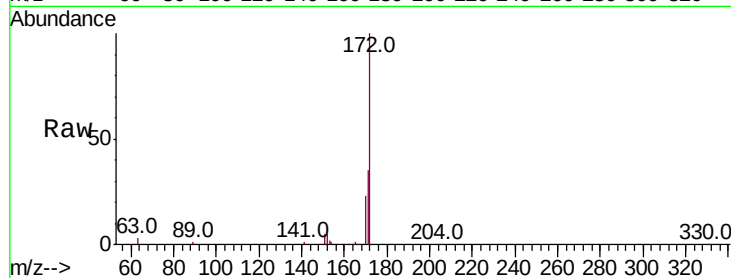




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

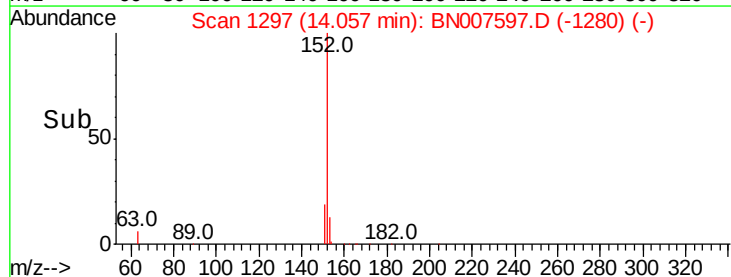
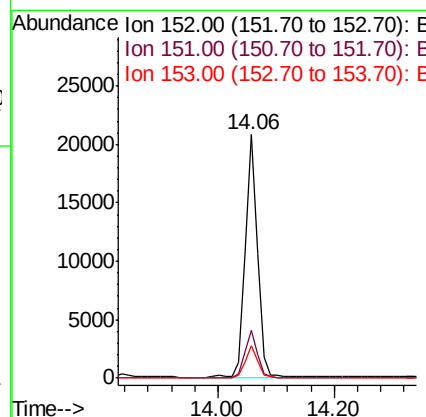
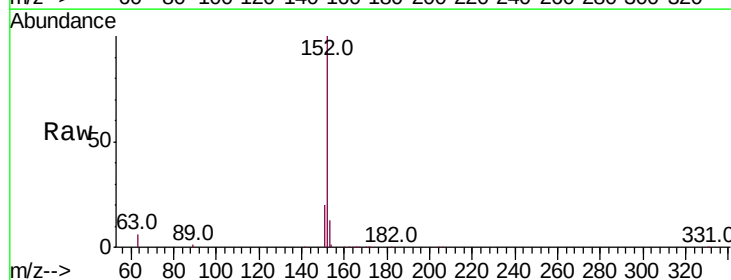
Instrument :
BNA_N
ClientSampleId :

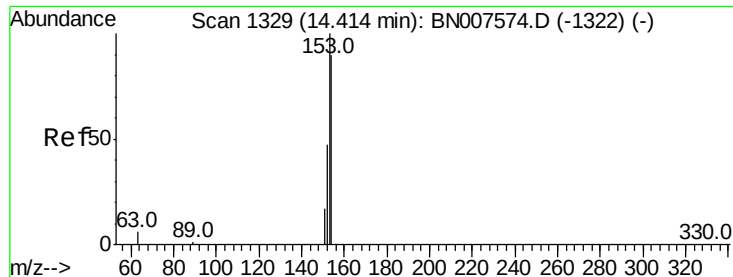
Tot Ion:172 Resp: 26427
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.3 18.3 27.5



#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tgt Ion:152 Resp: 30763
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

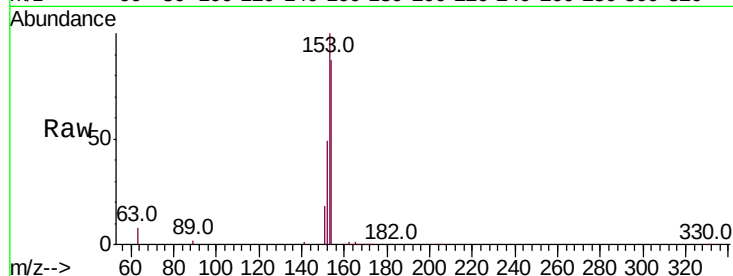
Tot Ion:154 Resp: 20304

Ion Ratio Lower Upper

154 100

153 112.5 89.4 134.2

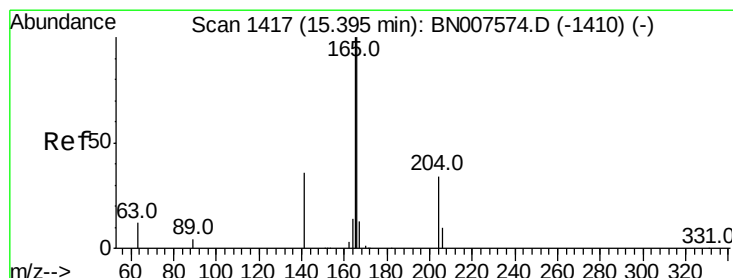
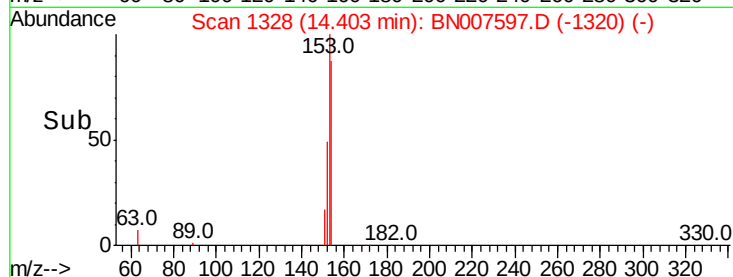
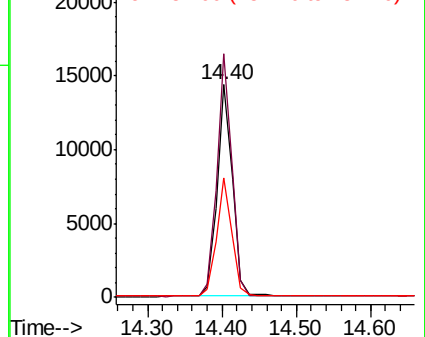
152 55.1 43.4 65.0



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: 15.39 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

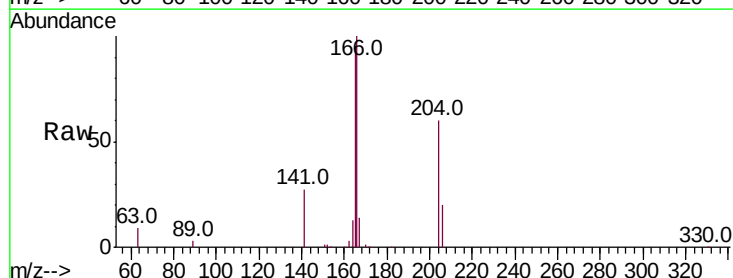
Tgt Ion:166 Resp: 25949

Ion Ratio Lower Upper

166 100

165 97.2 77.8 116.6

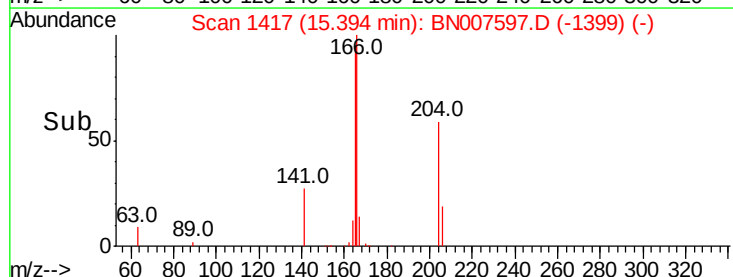
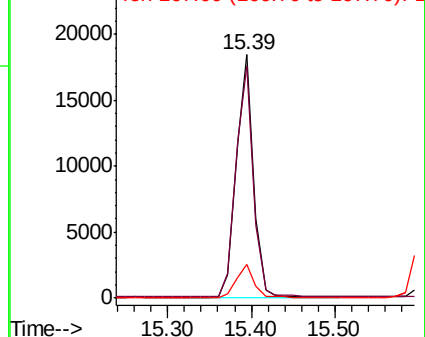
167 13.6 11.0 16.4

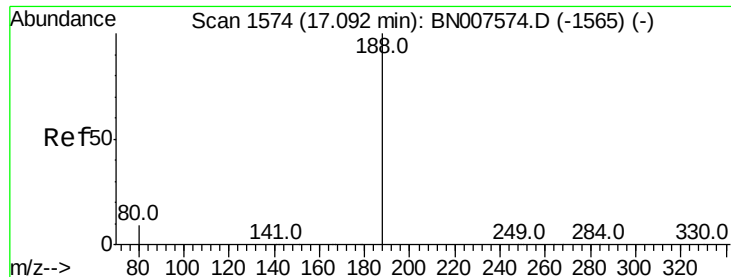


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampled :

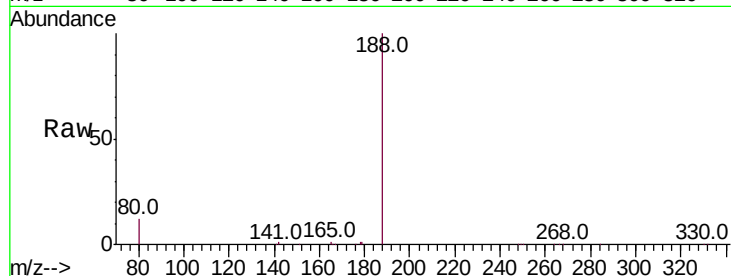
Tot Ion:188 Resp: 32557

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

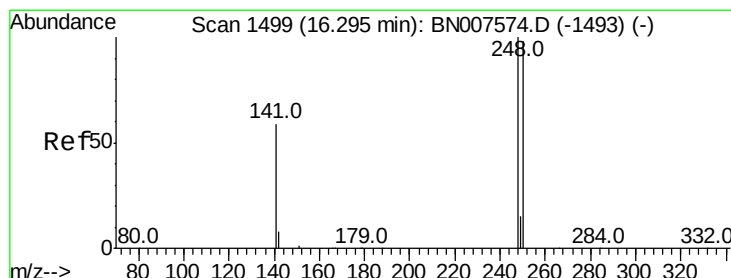
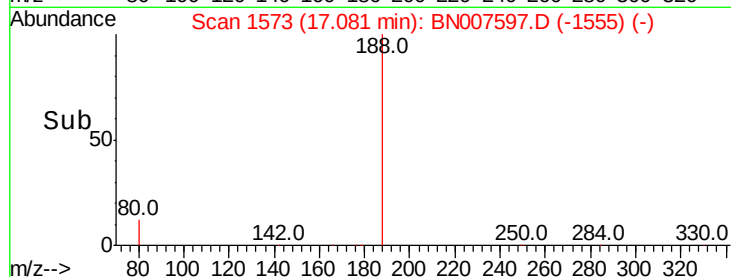
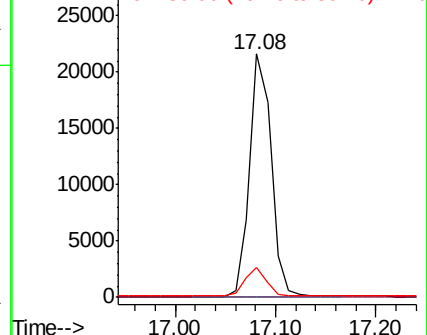
80 12.3 8.1 12.1#



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: 0.436 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

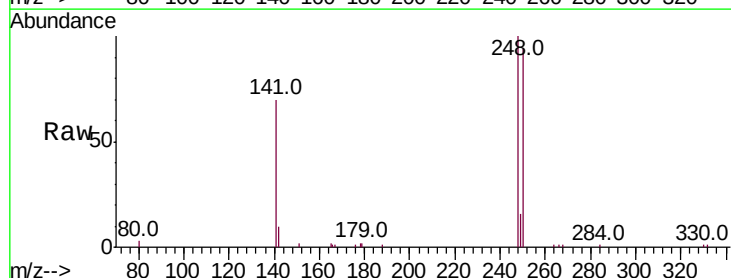
Tgt Ion:248 Resp: 8401

Ion Ratio Lower Upper

248 100

250 94.2 78.9 118.3

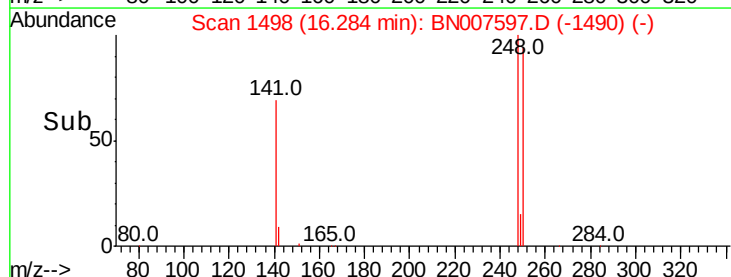
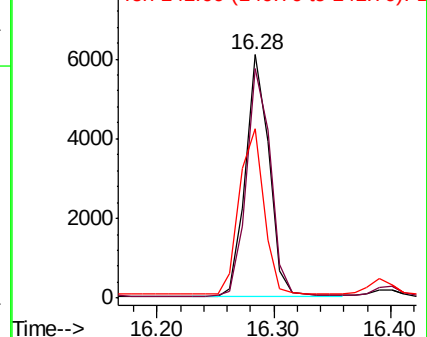
141 69.5 48.3 72.5

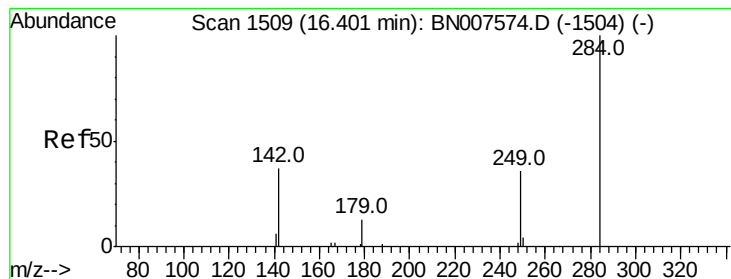


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.447 ng

RT: 16.40 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

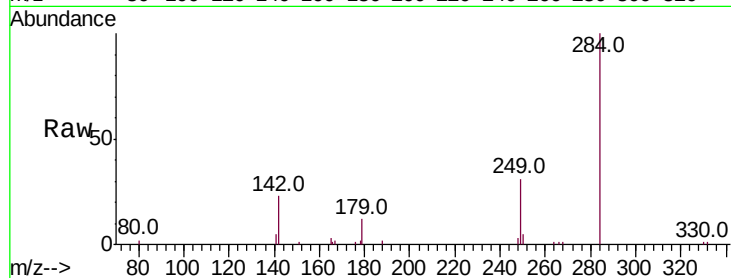
Tot Ion:284 Resp: 9051

Ion Ratio Lower Upper

284 100

142 35.1 27.9 41.9

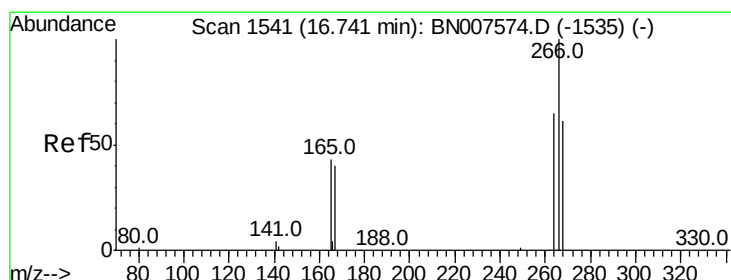
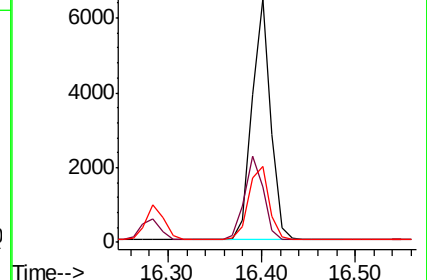
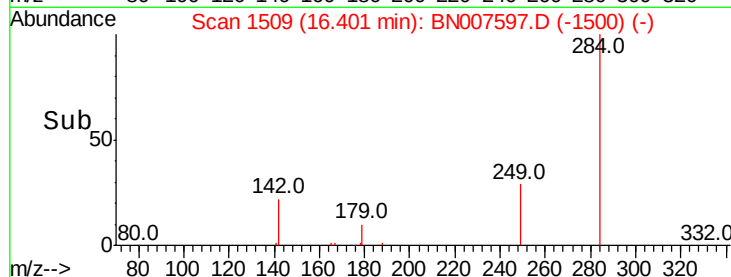
249 32.9 26.0 39.0



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: 0.499 ng

RT: 16.74 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

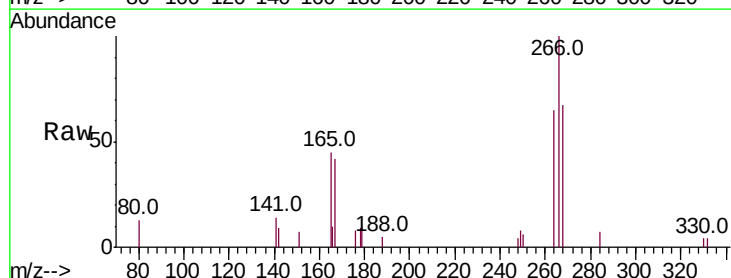
Tgt Ion:266 Resp: 2178

Ion Ratio Lower Upper

266 100

264 65.1 52.0 78.0

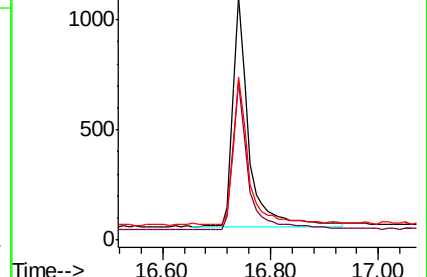
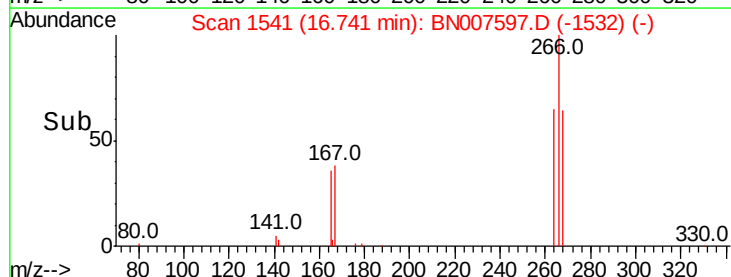
268 67.0 53.5 80.3

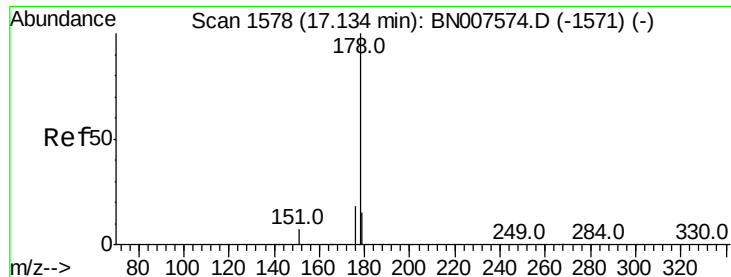


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.434 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

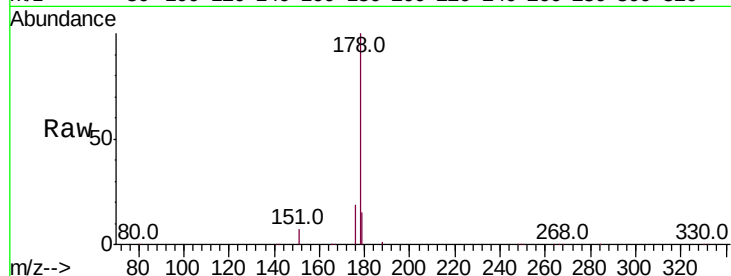
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 43597

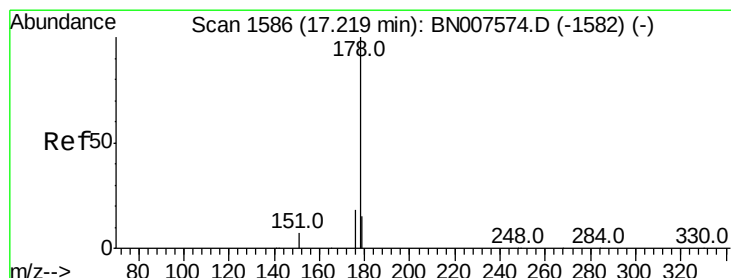
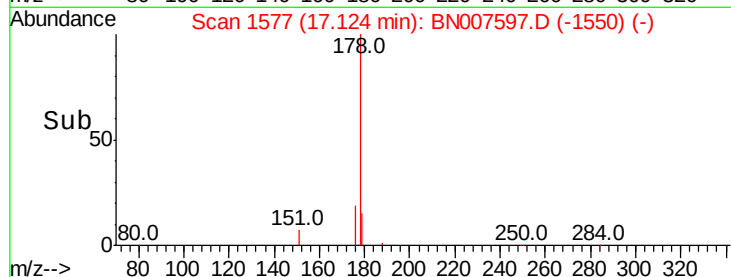
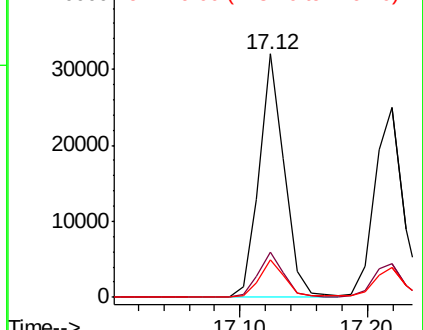
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.4	12.2	18.2



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: 0.412 ng

RT: 17.22 min Scan# 1586

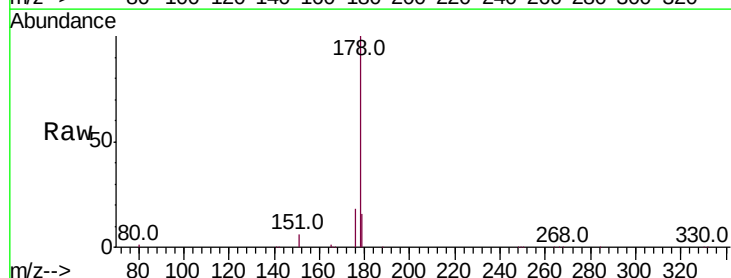
Delta R.T. -0.00 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Tgt Ion:178 Resp: 38221

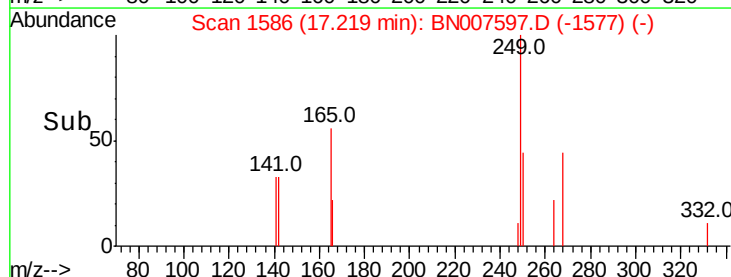
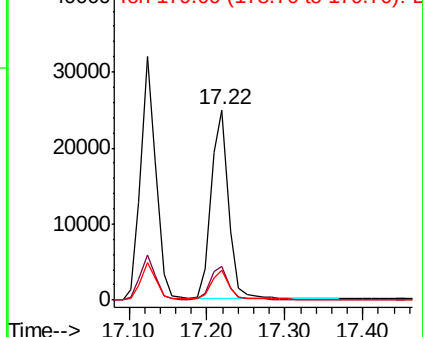
Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.3	12.5	18.7

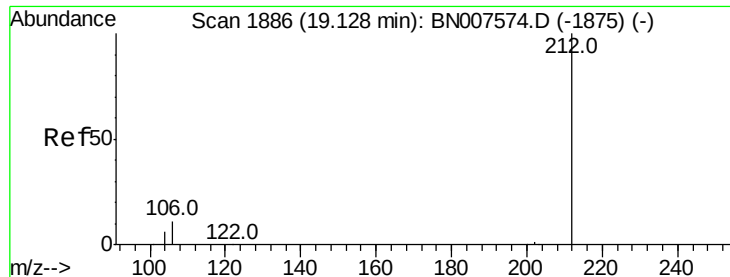


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.419 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

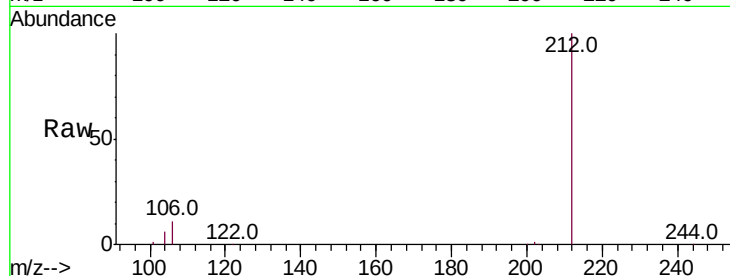
Tot Ion:212 Resp: 44365

Ion Ratio Lower Upper

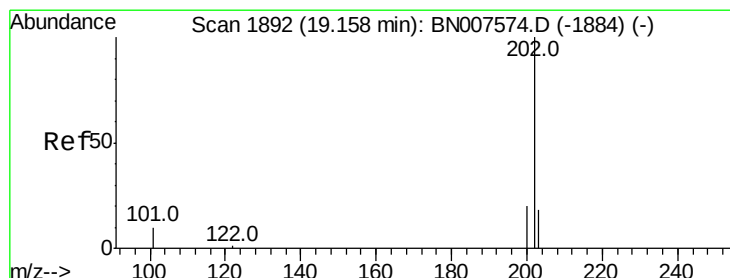
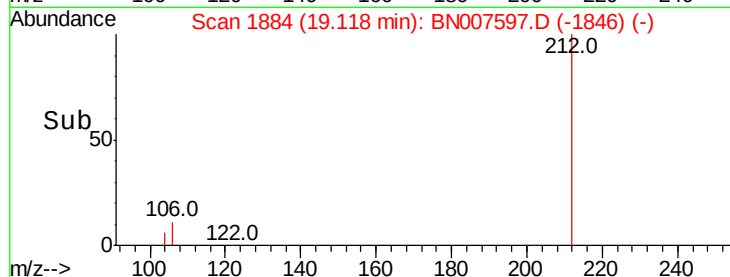
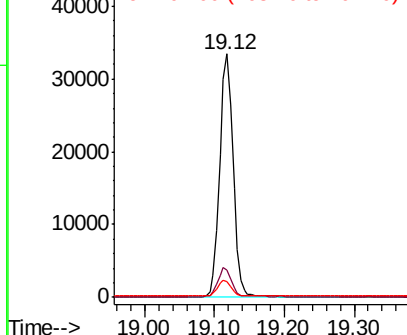
212 100

106 11.9 9.7 14.5

104 6.8 5.5 8.3



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: 0.422 ng

RT: 19.15 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

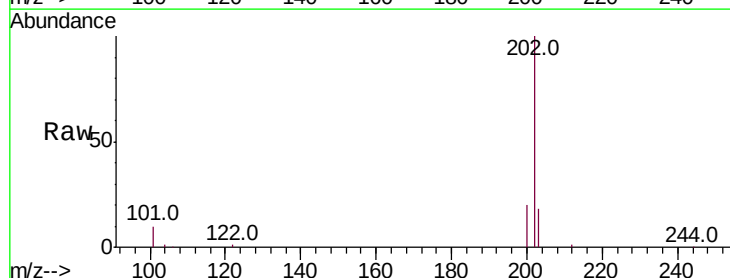
Tgt Ion:202 Resp: 51479

Ion Ratio Lower Upper

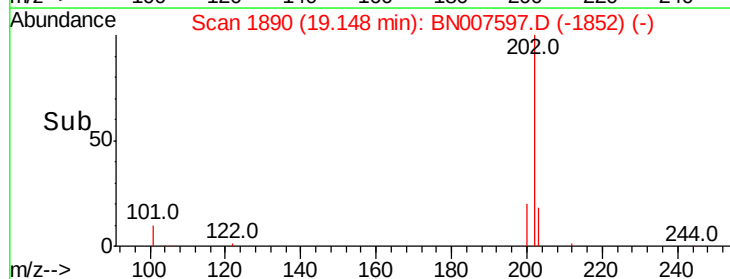
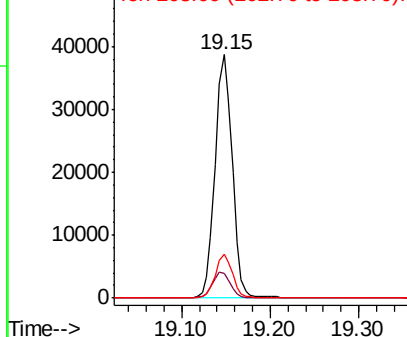
202 100

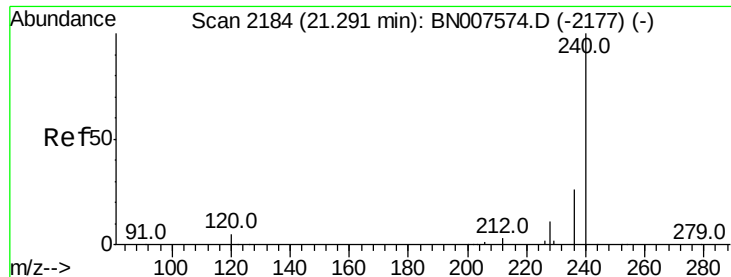
101 10.9 8.8 13.2

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

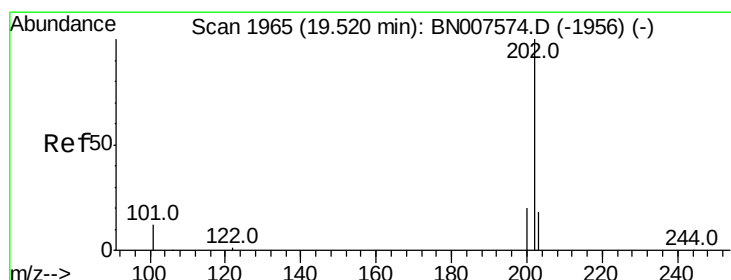
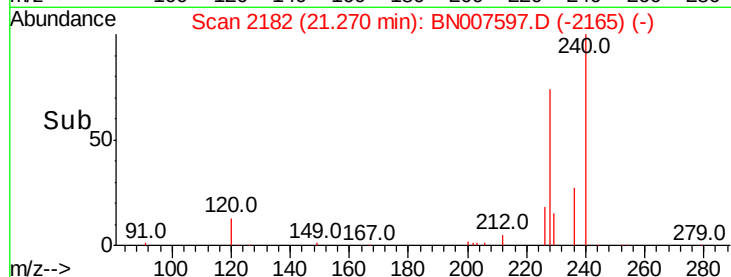
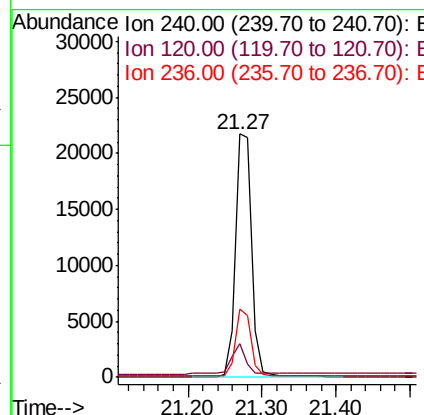
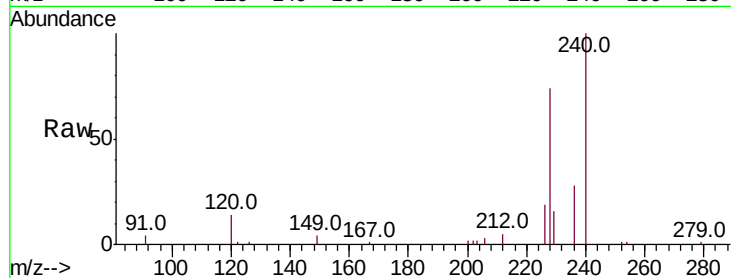




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

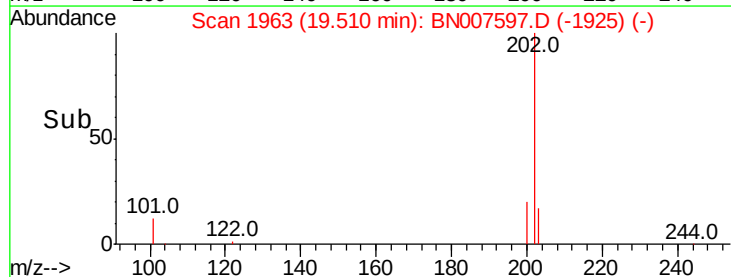
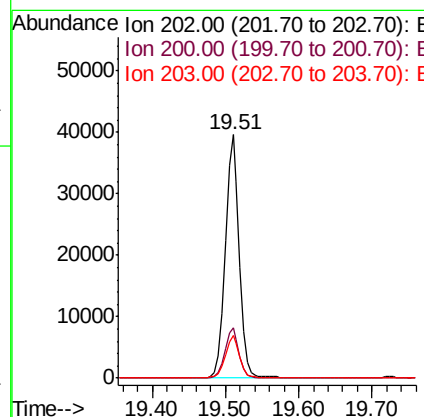
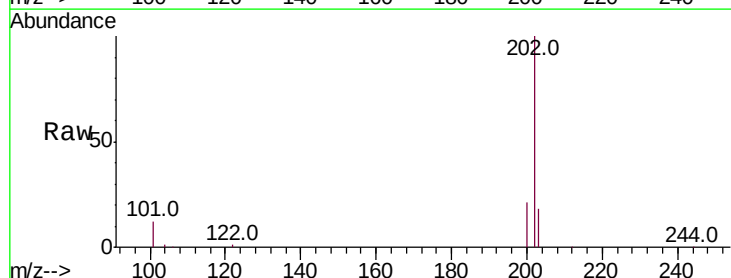
Instrument :
BNA_N
ClientSampleId :

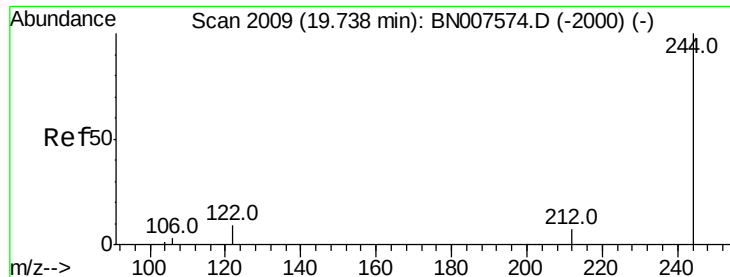
Tot Ion:240 Resp: 33366
Ion Ratio Lower Upper
240 100
120 14.0 5.0 7.4#
236 27.8 20.6 31.0



#28
Pyrene
Concen: 0.432 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN007597.D
Acq: 11 Sep 2019 20:39

Tgt Ion:202 Resp: 51845
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.427 ng

RT: 19.72 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

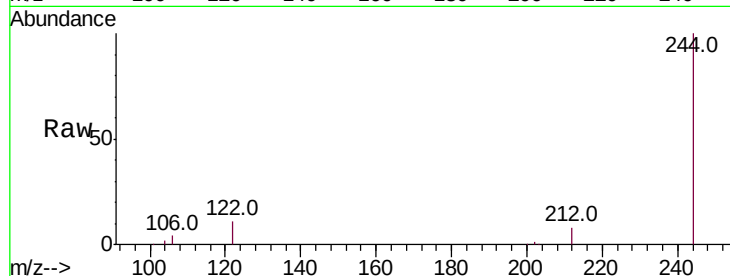
Tot Ion:244 Resp: 37100

Ion Ratio Lower Upper

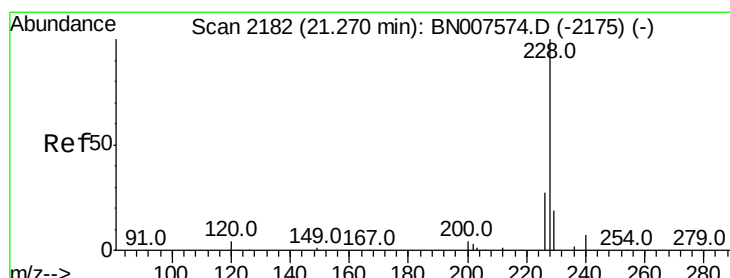
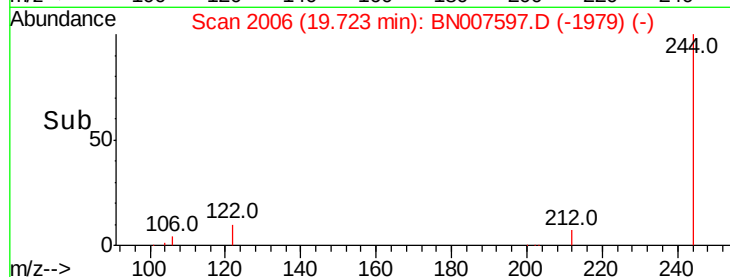
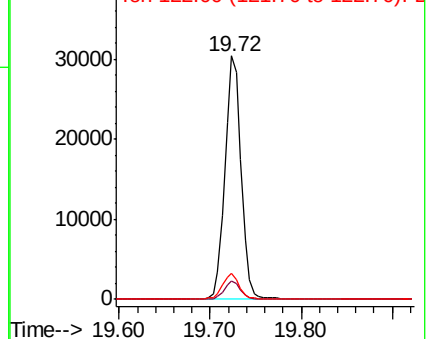
244 100

212 7.5 5.8 8.8

122 10.7 7.8 11.6



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: 0.413 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

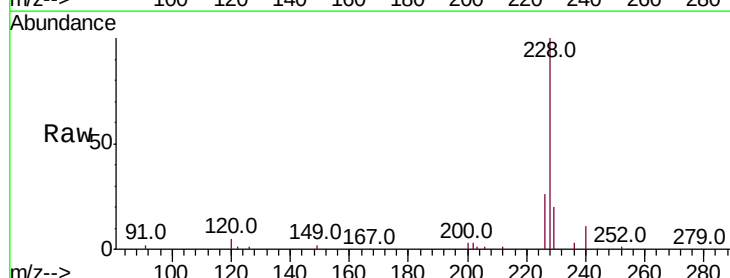
Tgt Ion:228 Resp: 49282

Ion Ratio Lower Upper

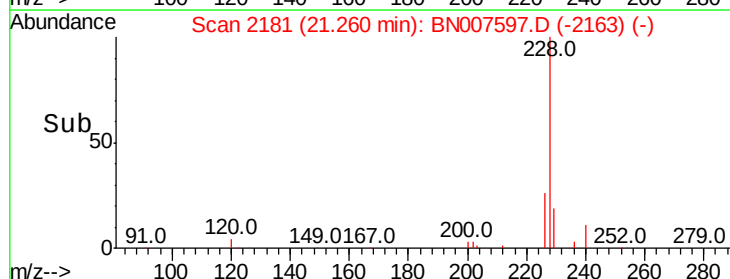
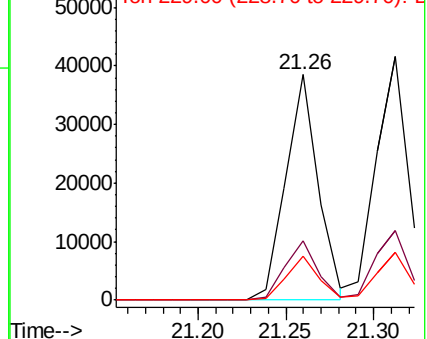
228 100

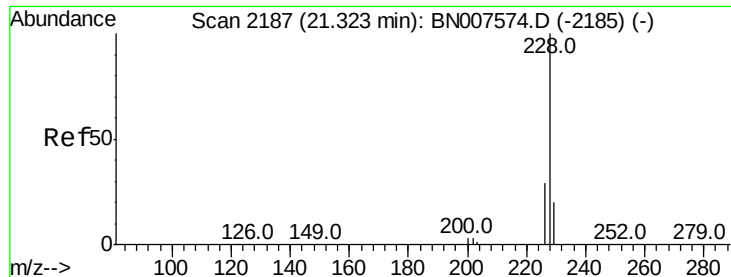
226 26.2 21.6 32.4

229 19.6 15.7 23.5



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: 0.441 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

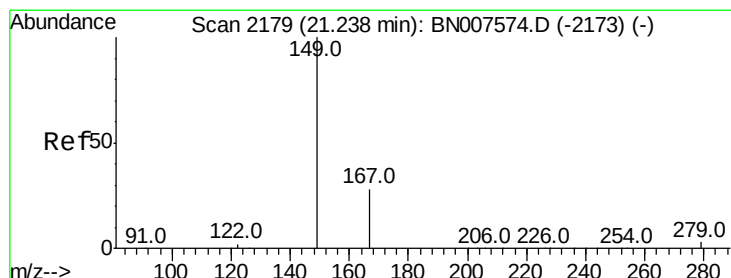
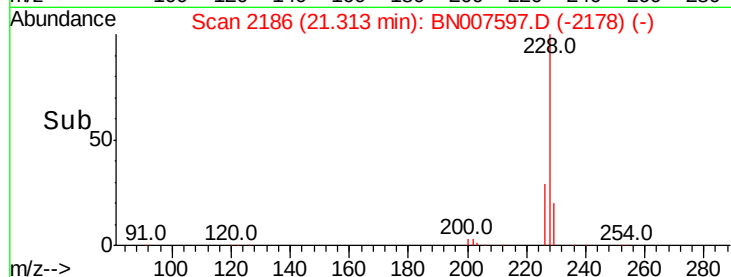
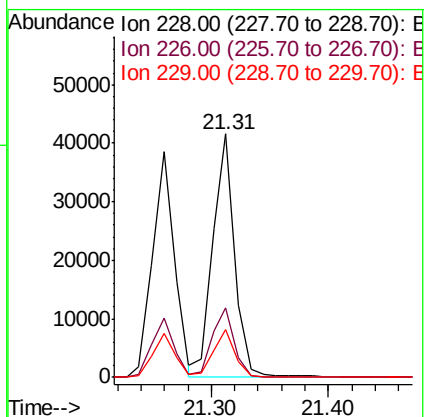
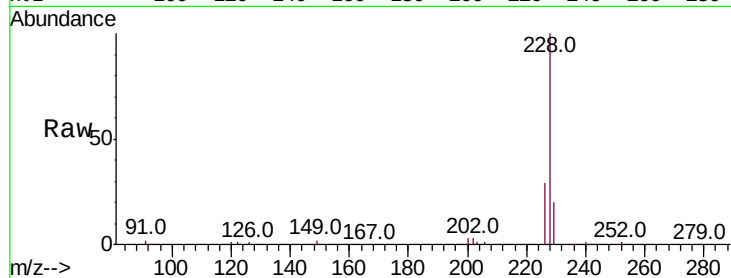
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 53501

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	19.7	15.7	23.5



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.445 ng

RT: 21.22 min Scan# 2177

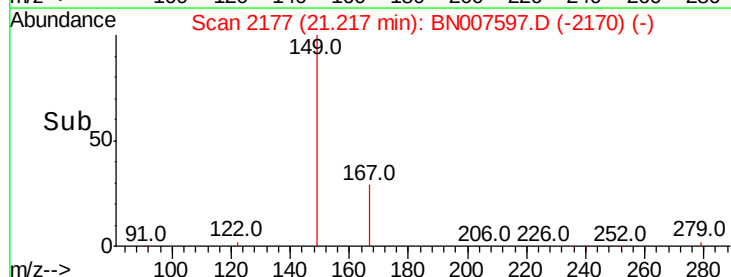
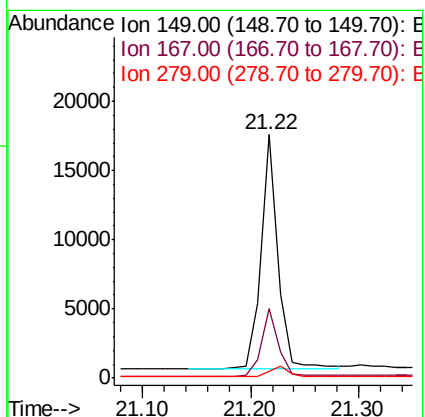
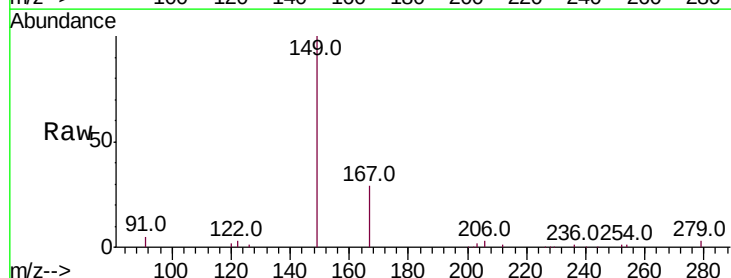
Delta R.T. -0.02 min

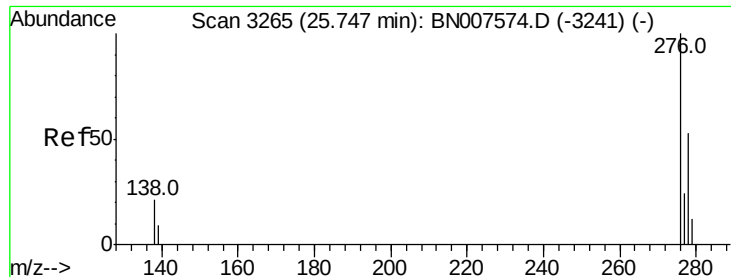
Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Tgt Ion:149 Resp: 18197

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.1	33.1
279	4.8	3.9	5.9

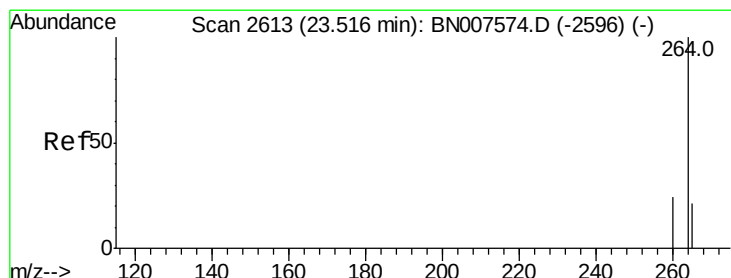
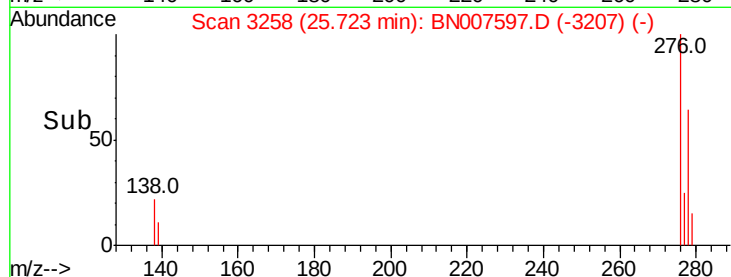
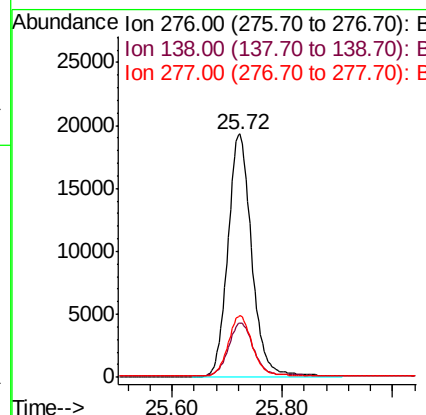
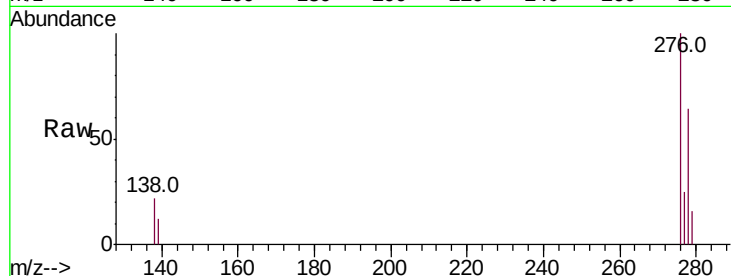




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.449 ng
 RT: 25.72 min Scan# 3258
 Delta R.T. -0.02 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

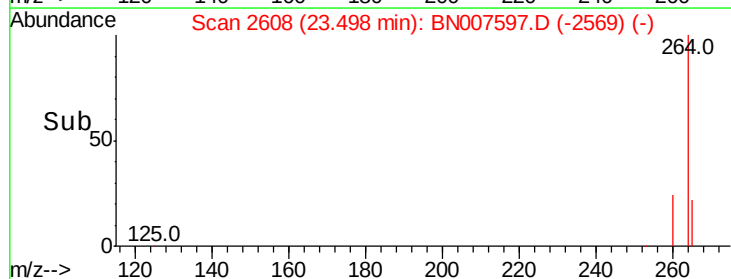
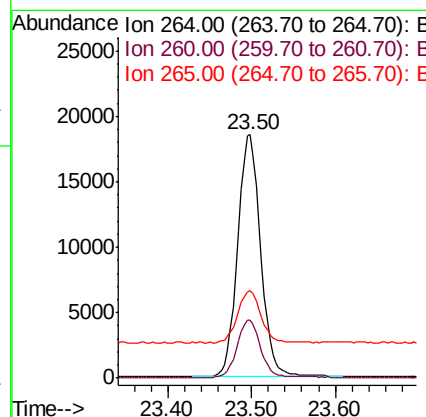
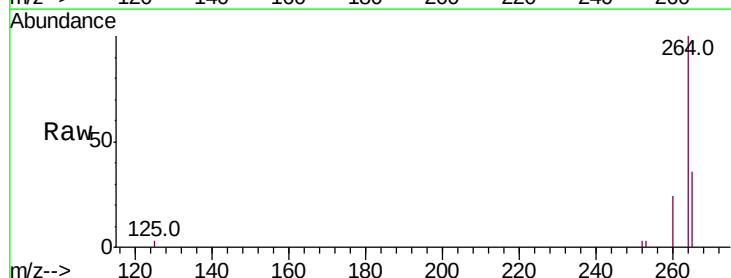
Instrument :
 BNA_N
 ClientSampleId :

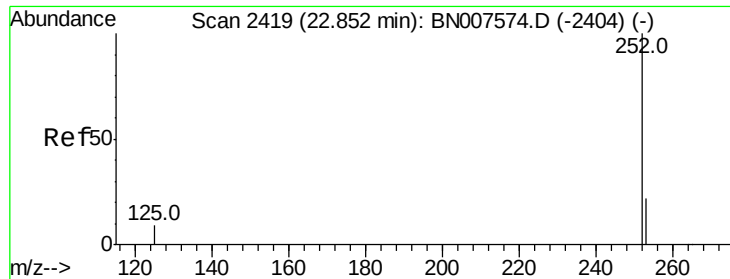
Tot Ion:276 Resp: 57602
 Ion Ratio Lower Upper
 276 100
 138 22.8 0.0 0.0#
 277 25.3 0.0 0.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2608
 Delta R.T. -0.02 min
 Lab File: BN007597.D
 Acq: 11 Sep 2019 20:39

Tgt Ion:264 Resp: 35305
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 35.9 25.6 38.4





#35

Benzo(b)fluoranthene

Concen: 0.407 ng

RT: 22.83 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

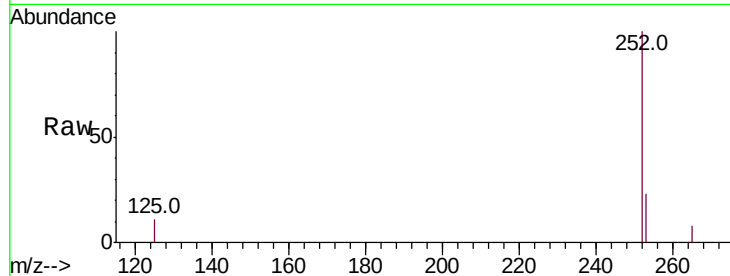
Tot Ion:252 Resp: 51124

Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

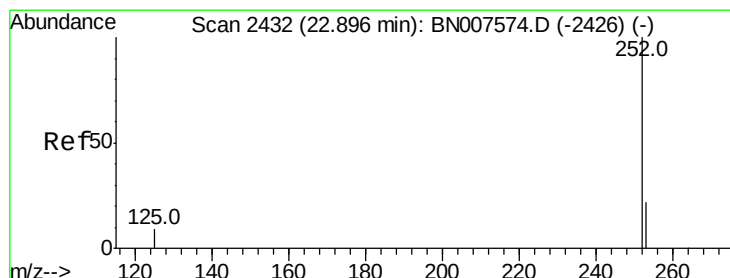
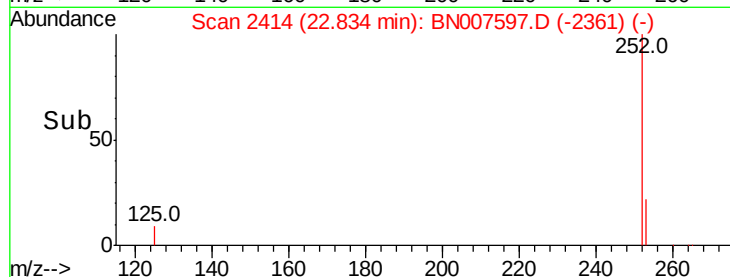
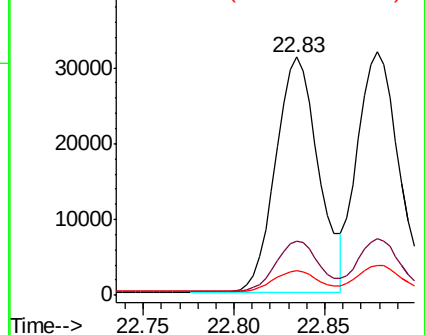
125 10.5 8.2 12.2



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: 0.412 ng

RT: 22.83 min Scan# 2414

Delta R.T. -0.06 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

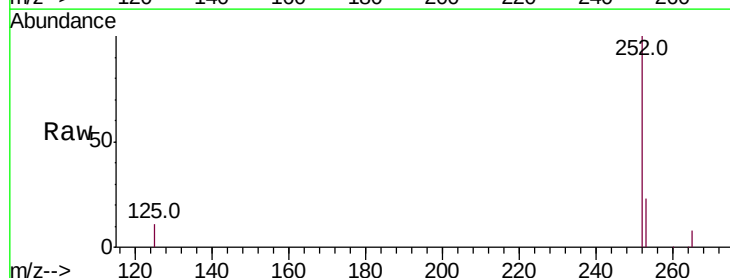
Tgt Ion:252 Resp: 51124

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

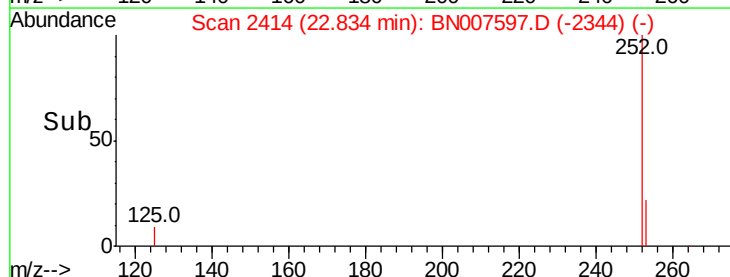
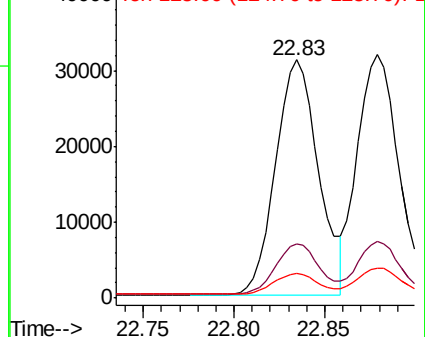
125 10.5 8.2 12.2

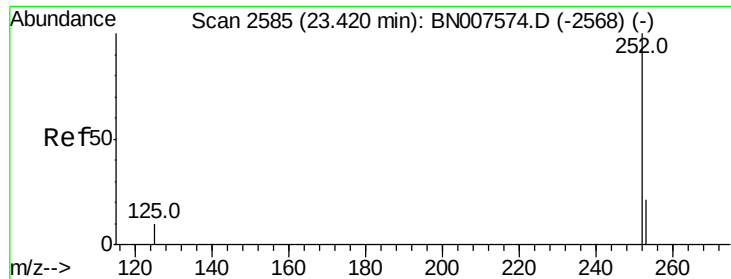


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.40 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :

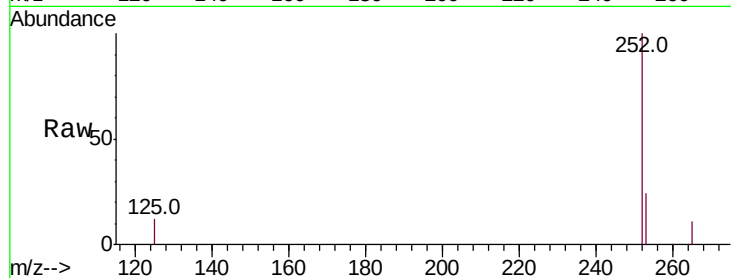
Tot Ion:252 Resp: 45557

Ion Ratio Lower Upper

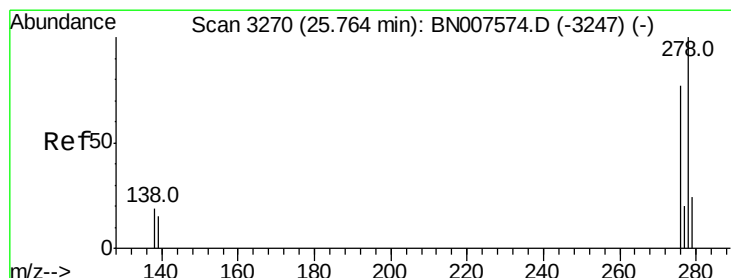
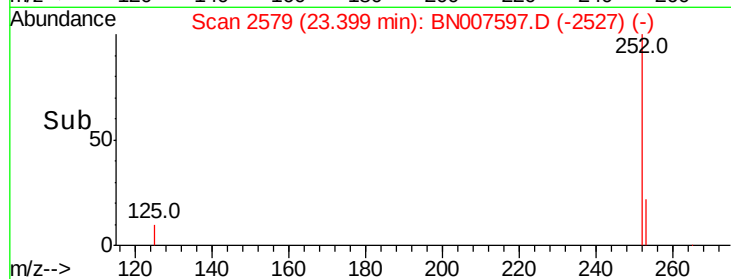
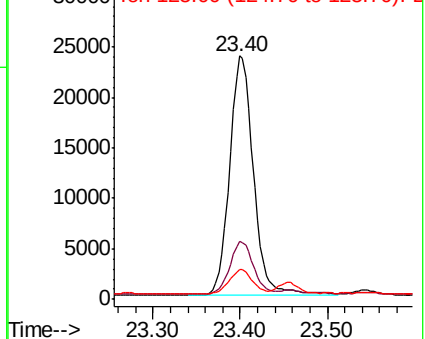
252 100

253 23.6 18.6 28.0

125 12.2 9.2 13.8



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: 0.428 ng

RT: 25.74 min Scan# 3262

Delta R.T. -0.03 min

Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

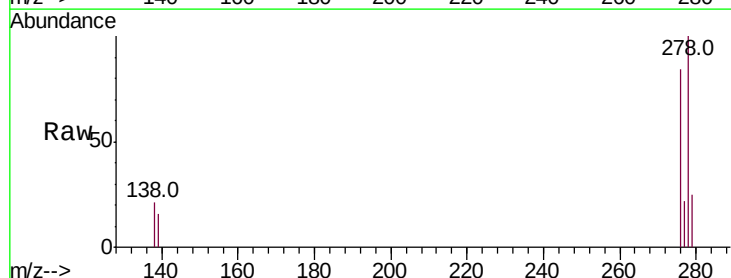
Tgt Ion:278 Resp: 47945

Ion Ratio Lower Upper

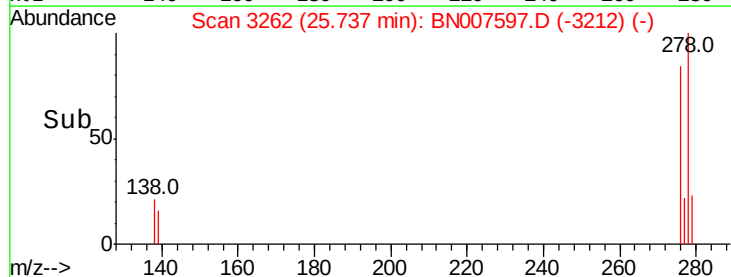
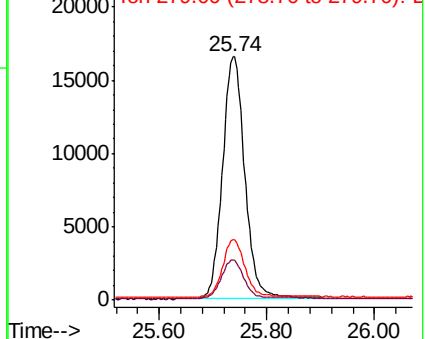
278 100

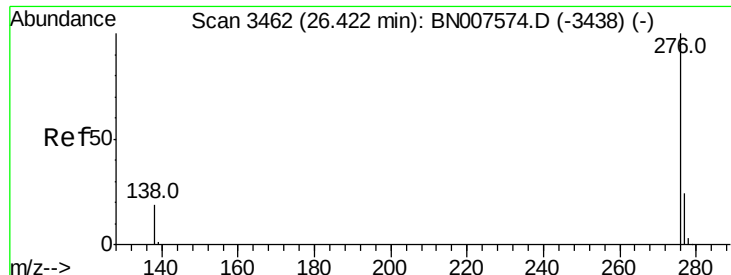
139 16.3 12.5 18.7

279 24.7 20.2 30.2



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: 0.413 ng

RT: 26.39 min Scan# 3453

Delta R.T. -0.03 min

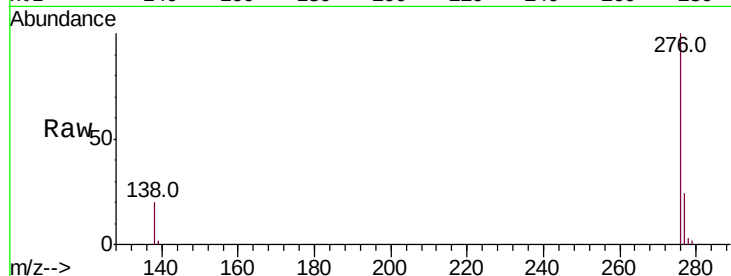
Lab File: BN007597.D

Acq: 11 Sep 2019 20:39

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 46868

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 20.0 15.9 23.9

